

GEORG GOELZER

DER

ICH-KOSMOS

ANHANGSBAND

Erstellung eines Gestirnsbildes
des individuellen Standortes

NEUE HÄUSERTABELLEN
für geographische Breiten
von 0° bis 64°

Berechnungen:
Ulrich Leyde

Arbeitsmaterial
für den Forschenden auf der Suche nach
einer neuen Sternenweisheit

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VERLAG AM GOETHEANUM

Satz und Grafik:
Georg Goelzer

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Inhalt des Hauptbandes

TEIL 1

<i>Einführung - die Ich-Bin-Kosmologie</i>	11
<i>Die Weltendiener des Gralskönigs</i> (M.F. 30.1.1947)	16
<i>Der «Drei-mal-Drei-Weltenorganismus» als Wesensausdruck der Hierarchien</i>	17
Der Raum als Bewußtseinssphäre - dritte Hierarchie	20
Die Zeit als Lebenssphäre - zweite Hierarchie	24
Der Zustand als Schaffenssphäre - erste Hierarchie	29
<i>Die Tageslaufstufen der zwölf Tierkreisworte (Häuser)</i>	
Das «Ich-Bin» als Wirklichkeitsquell	37
a) KREBSWORT: Rückzug und Samenlegung	41
b) ZWILLINGSWORT: offenes Beziehung-Aufnehmen	43
c) STIERWORT: Sammlung von Lebenstragekraft	44
d) WIDDERWORT: Wehenstoß hin zur Selbstgeburt	45
e) FISCHEWORT: Abgehoben- und Durchlässigsein	46
f) WASSERMANNWORT: schenkendes Herabströmen	47
g) STEINBOCKWORT: Kraftsteigerung und Leistung	48
h) SCHÜTZEWORT: Schauen ferner Ziele, Orientierung	49
i) SKORPIONWORT: Verlust des Oben-auf-Seins, Opfer	50
j) WAAGEWORT: Ausgleich im Umkreisfinden	52
k) JUNGFRAUWORT: Sichneigen, Verhüllung, Ernüchterung	54
l) LÖWEWORT: Insichglühen, Reifen des Eigenlebens	55
<i>Die Jahreslaufstufen der zwölf Tierkreisklänge (Zeichen)</i>	
Die Nord-Süd-Umstülpung des Erdorganismus	59
Die nördlichen Tierkreisklänge	62
Die Sternenwelt Parzivals	74
Die südlichen Tierkreisklänge	75
<i>Die 2160-Jahr-Stufen der zwölf Tierkreisbilder</i>	82
<i>Die zehn «Planeten» und die beiden Mondknoten in der Wesensdynamik des Menschen</i>	
Planetenordnung in Entwicklung	84
Der planetarische Herzschlag des Menschenwesens	87

(Fortsetzung nächste Seite)

Venus-, Merkur-, Mondseele als «Mittler» und «Vorstufen» des Geistes	96
Die Schicksalsachse der beiden Mondknoten	99
Die zentrierte Dreigliederung der Winkelbeziehungen	100
<i>Der Herzschlag der Sternenwesen</i> (M.F. 3.3.1946)	101

TEIL 2

Die Standort-Astronomie des Ich-Kreises

1. Die geozentrische Anschauungsweise und das Mysterium des individuellen Menschenwillens	107
2. Die Ortszeit	108
3. Die Ermittlung der Sternzeit	
a) Die (scheinbare) tägliche Bewegung des Fixsternhimmels	110
b) Sonnenzeit und Sternzeit	112
c) Die Sonnenuhr-Schleifenlinie	114
d) Das «Vorgehen» der Sternuhr gegenüber der Sonnenuhr	116
e) Sternzeit-Ermittlung für eine bestimmte (mittlere) Ortszeit	118
4. Stellungen der Ekliptik	120
5. Ichstand-Ichrythmus-Ichraum: das Ichkreis-Häusersystem	
a) Der Vermittler zwischen Ichkreis und Tierkreis	125
b) Die Häusereinteilung für südliche Breiten	130

<i>Der Schlüssel zu den Weltgeheimnissen</i> (M.F. 27.1.1946)	132
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Schwellenkreis und Fontanellenkreis;

die Häuser der Mitternachtssonne	133
a) Aszendent und Deszendent - vom Pendeln zum Kreisen auf dem Horizont, vom Kreisen zum Pendeln auf der Ekliptik	134
b) Der Ichkreis auf dem Meridian und der Zenit-Schwellenkreis	142
c) Der Vertauschungssprung	142
d) Die Überkreuzprojektion	144
e) Der 180°-Ekliptiksprung von MC und IC	148
f) Der Schwellenschritt in der Standortreihe gleicher Sternzeit	148
g) Die polverbindende Rückgrat-Kreuzungsachse	150
h) Die «Trichterachse» und die geographische Sicht; Schwellenkreis und Fontanellenkreis im Menschheitsbau	151

ANHANGSBAND

Die Voraussetzung:

«Selber Sonne werden» (M.F. 17.4.1948/29.9.1946) 154

Erstellung eines Gestirnsbildes des individuellen Standortes

1. Hilfsmittel	155
2. Erstellung der zwölf «Häuser»	
a) Ortszeit	155
b) Die Sternzeit der Geburt	156
c) Tabellenanordnung	156
d) Interpolation der Tierkreiswerte	157
3. Die Positionen der Wandelsterne und der Mondknoten	159
4. Die Aspekte (Winkelbeziehungen)	160
7. Beispiel eines Gestirnsbildes der Geburt	162
ZEITZONEN	164

Neue Häusertabellen für geographische Breiten von 0° bis 64° 165

Umrechnungsschablone $360^\circ = 12 \times 30^\circ$ 166

181 SEITEN TABELLEN

Horoskopvorlage 349

Die Voraussetzung: «Selber Sonne werden»

Auf dem Weg zur Freiheit des Ich-Bin dient der Umgang mit dem Horoskop, wie in der Einleitung dargestellt, nicht der unmittelbaren Handlungsorientierung, sondern der Erkenntnis, wie die Individualität ihr Werkzeug, die Persönlichkeit, für ihre Lebensaufgaben aus Weltgesetzen heraus gestaltet hat.

*«Willst du dich
nach den Sternen richten,
wenn Ich bei dir bin?»*

*«Ein Meer von Licht
kann nur der
durschreiten, der selber
Licht geworden ist;
und willst du
Sonnenreiche durcheilen,
mußt du zuvor selber
Sonne geworden sein.
Siehe, Ich Bin das Licht,
und nehme Ich dich auf
in meine Strahlen,
kannst du ohne Schaden
in heißeste Sonnen
schauen, ja in ihre
Lichtgluten eintauchen.
Ohne mich –
wandert der Mensch
in tiefster Nacht.
Mit mir: es leuchten ihm alle
Sterne und Sonnen!»*

(Christusworte
aus dem Werk von Mara Friederich)

Erstellung eines Gestirnsbildes des individuellen Standortes

1. Voraussetzungen und Hilfsmittel

Benötigt wird außer den vorliegenden Tabellen eine Ephemeride mit der 0^h-Greenwich-Sternzeit und den Planeten- und Mondknotenpositionen für den Tag der Geburt (z.B. *Die Deutsche Ephemeride*). Die für die Häuserberechnung notwendigen Koordinaten des Geburtsortes (geographische Länge und Breite) kann man dem Anhang einer Ephemeride oder Logarithmentafel oder auch einer genaueren Landkarte entnehmen. Die Geburtszeit sollte möglichst auf eine Minute genau bekannt sein; geschätzte Werte müssen eine Frage bleiben. Eine Zeitzonekarte findet man auf Seite 164.

Beim Gebrauch von nicht speziell astrologischen Taschenrechnern ist es zweckmäßig, Dezimalzahlen zu verwenden; mit den sogenannten «wissenschaftlichen» Taschenrechnern lassen sich Dezimalzahl und Sexagesimalzahl unmittelbar umrechnen. Für das wiederholte Verwenden einer gleichen Zahl können Speicher hilfreich sein.

2. Erstellung der zwölf «Häuser»

(mit einer Zusammenfassung der Ausführungen im Hauptband über die Ortszeit und die Sternzeit)

a) Ortszeit (in Mitteleuropa)

Um die Häusereinteilung im Ekliptikkreis der «tropischen Monate», die man als «Tierkreiszeichen» anspricht, zu finden, muß die Sternzeit des Geburtsortes bekannt sein, und dies wiederum setzt die Berechnung der *mittleren Ortszeit* voraus. Da die allgemeine Uhrzeit *Zonenzeit* ist, ist sie zugleich auch Ortszeit nur auf dem für die jeweilige Zone maßgeblichen Längengrad (wenn man von der Sommerzeit absieht). Dies ist für MEZ (Mitteluropäische Zeit) der *15. Längengrad*, der etwas östlich von Prag und Linz verläuft. Um die «individuellere» Länge des Geburtsortes in Zeit zu verwandeln, ist es am einfachsten, den 0°-Meridian, der durch Greenwich geht, und die durch ihn bestimmte WZ (Weltzeit, Greenwichzeit) einzubeziehen. Da 15° *eine Stunde Wegstrecke des Sonnenlaufs* bedeutet, ist MEZ um eine Stunde – bei Sommerzeit zwei Stunden – weiter als WZ. Zu der durch Abziehen einer Stunde gewonnenen WZ muß dann wieder die Zeit, die dem Längenabstand des *Geburtsortes* vom Greenwich-Meridian entspricht, hinzugezählt werden, wobei ein Grad vier Minuten entspricht (60 Minuten : 15). Dies ergibt die gesuchte *Ortszeit*.

Formel: **Ortszeit = Geburtszeit in WZ +ö bzw. –w Länge in Zeit**

b) Die Sternzeit der Geburt

Infolge der «Wanderung» der Sonne durch den Tierkreis innerhalb eines Jahres, die sich als ein Zurückbleiben auf der Ekliptik in deren Tagesbewegung ausdrückt, umfaßt das Sonnenjahr einen Tag weniger als das Sternjahr, für das der verhältnismäßig still stehende Frühlingspunkt maßgeblich ist. (Das unmittelbar von den Fixsternen selbst bestimmte Jahr wird als «siderisches Jahr» bezeichnet.) Da der Sterntag, obwohl er kürzer ist (um 1 Tag : 366,2422 = 0,002730 Tag = 3 Minuten und 55,91 Sekunden), dennoch auch in 24 Stunden aufgeteilt wird, ergibt sich eine andere Zeitrechnung: die sogenannte «Sternzeit».

Der Ephemeride entnimmt man die Sternzeit für 0^h WZ am Tag der Geburt. Sie zeigt an, um wieviel zu diesem Zeitpunkt die Sternzeituhr gegenüber der Sonnenzeituhr seit *Mitternacht zu Herbstbeginn* (Frühlingspunkt [0° Widder] im Süden) vorgeht. Da die Sternzeit für 0^h am gleichen Tag auf den anderen Längengraden nur wenig von der Greenwich-Sternzeit abweicht (für 15 Längengrade 9,83 Sekunden), genügt es zur Berechnung der *Sternzeit der Geburt* im allgemeinen, die Zeitspanne zwischen Mitternacht und Geburt - ausgedrückt in der *Ortszeit* - zu jener Ephemeriden-Sternzeit hinzuzuzählen. Dazu muß jedoch diese Zeitspanne selbst in Sternzeit umgerechnet werden. Dies geschieht, indem entweder zur ermittelten Ortszeit eine Korrektur von 10 (9,856) Sekunden pro Stunde hinzugefügt wird oder indem die Ortszeit mit der Zahl 1,002738 (= 366,2422 : 365,2422, s.o.) multipliziert wird.

Für den Gebrauch der vorliegenden Tabellen ist es empfehlenswert, die so errechnete Sternzeit der Geburt in Gradzahlen, möglichst mit Dezimalbruch, umzurechnen (Stunden × 15, bzw. Minuten : 4).

Formel: **Geburts-Sternzeit = Sternzeit 0^h WZ + (Ortszeit × 1,002738)**

c) Tabellenanordnung

Der Fortgang von einer Tabelle zur nächsten vollzieht sich in Sternzeit-Schritten von 1°, durch 360° führend - entsprechend Schritten von 4 Minuten durch die 24 Stunden eines Sterntages. Die Spalte der Seitenmitte zeigt, ebenfalls in 1°-Schritten, die geographische Breite von 0° bis 64°, das heißt bis kurz vor dem Polarkreis - und damit der Region, wo das Horoskopbild zeitweise starke «Verziehungen» erfährt oder gar ein großer Teil der Häuser verschwindet. In den sechs Häuserpalten, die vom Aszendent (1. Haus) über Medium Coeli (10. Haus) bis zum 8. Haus führen, sind die Gradientfernungen von 0° Widder derjenigen

Ekliptikpunkte aufgelistet, wo die Häuser im Gegenuhrzeigersinn beginnen (Häuser-«Spitzen»). Die entsprechenden Punkte der anderen sechs Häuser liegen im Kreis der Zeichen jeweils genau gegenüber. MC und IC bleiben zur gleichen Sternzeit für alle Breitengrade gleich, da sie auf dem zeitbestimmenden Meridian stehen.

Liegt der Geburtsort südlich vom Äquator, wird man die gesuchten Werte unter der *im Stundenkreis gegenüberliegenden Sternzeit* finden; das heißt es muß 180° zur berechneten Sternzeit hinzugezählt bzw. von ihr abgezogen werden, so daß wieder eine Größe zwischen 0° und 360° entsteht. In der Tabelle sind dann auch die Häuser zu vertauschen, so daß die sechs Spalten jetzt die Tierkreisangaben für das 7., 6., 5., 4., 3. und 2. Haus enthalten. (Siehe den Hauptband S.130/31. – Um ein Gestirnsbild südlicher Breite richtig in die Anschauung zu bekommen, muß man es – falls man nicht den Aszendenten rechts setzt – im Gegensatz zur Situation beim nördlichen Horoskop so anschauen, als würde man in der Richtung vom Äquator zum Pol hin blicken; das heißt man ist mehr vom Weltenumkreis auf die Erdenperson hingerrichtet, was in gewisser Beziehung auch dem Wesen der südlichen Erdhalbkugel entspricht.)

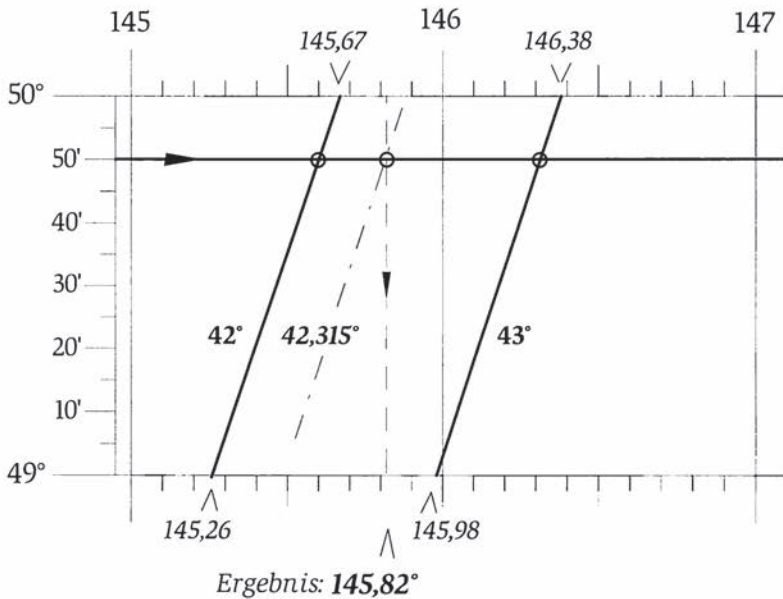
d) Interpolation der Tierkreisgrad-Werte

Gewöhnlich liegen die errechnete Sternzeit und die genaue geographische Breite des Geburtsortes zwischen den in der Tabelle angegebenen ganzzahligen Werten. Die genauen Häuserpunkte können dann durch Interpolation ermittelt werden. Hier bietet sich ein einfaches grafisches Verfahren an, dessen Genauigkeit auch für die Berechnung des Aszendenten, der auf jeden Fall exakter erfaßt werden muß, ausreichend ist. Ein Beispiel (Aszendent des unten wiedergegebenen Horoskops) möge den Vorgang erläutern.

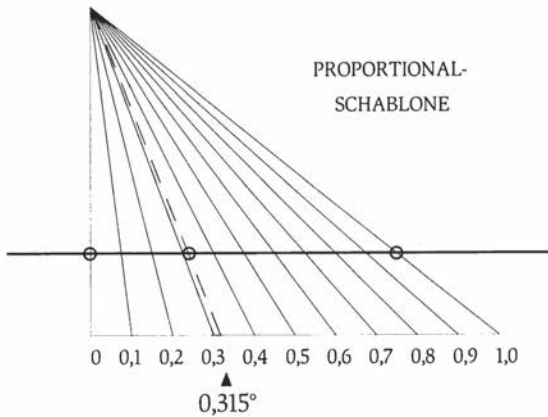
		42,315° v	
	BREITE	Sternzeit 42° ASZ.	Sternzeit 43° ASZ.
49°50' >	50°	145,67	146,38
	49°	145,26	145,98

Wie das Schema verdeutlicht, werden zur berechneten *Sternzeit* 42,315° und *Breite* 49°50' die vier Angaben den Tabellen entnommen, die den gesuchten

Aszendenten einschließen. Diese Werte werden darauf in ein Koordinatensystem übertragen, in dem die einzelnen Breitengrade (senkrecht) und Tierkreisgrade (waagrecht) mehrfach unterteilt sind. (Hierfür läßt sich auf einem größeren Blatt Millimeterpapier eine wiederverwendbare Unterlage anfertigen, die man unter eine abwischbare Folie legt.) Die zwei Tierkreisgrad-Werte zur Sternzeit 42° und diejenigen zur Sternzeit 43° werden jeweils durch eine (meist schräg verlaufende) Linie verbunden und diese zwei Linien durch eine waagrechte Linie auf der Höhe des ermittelten Breitengrades geschnitten.



Zwischen diesen beiden Linien und praktisch parallel zu ihnen muß man sich nun die Linie denken, die für die berechnete Sternzeit von 42,315° steht. Sie schneidet die waagrechte Linie so, daß sie die einem Grad entsprechende Strecke zwischen den beiden Schnittpunkten in dem Verhältnis 0,315 : 1 teilt. Ermittelt man den sich so ergebenden dritten Schnittpunkt, erhält man in seiner senkrechten Übertragung auf die Einteilung in Tierkreisgrade den gesuchten Wert für den Aszendenten. Die Ermittlung geschieht am einfachsten mit Hilfe einer durchsichtigen Proportionschablone, die senkrecht verschoben wird, bis die äußersten Linien durch die zwei ersten Schnittpunkte gehen, wie dies in der folgenden Zeichnung veranschaulicht wird.



3. Die Positionen der Wandelsterne und der Mondknoten

Durch die Ermittlung der Häuserspitzen im Kreis der Tierkreisklänge wird ersichtlich, wie dieser zur Geburtszeit im ortsbestimmten Erdenraum darinnensteht, das heißt er bekommt eine individuelle Oben-Unten- und Ost-West-Ausrichtung. Daraus ergibt sich die Plazierung der Tierkreisklänge auf der Horoskopvorlage. Es empfiehlt sich, auch die *Planeten*, die auch Mond und Sonne mit einschließenden «Wandelsterne», erst nach dieser «Aufstellung» des Erdenraum-Ekliptik-Bildes in dieses einzutragen.

In den neueren Ephemeriden werden die Planetenpositionen, wie die Sternzeit, für 0^h WZ des betreffenden Tages angegeben. Bei den extrem «langsamen» Planeten Pluto, Neptun und Uranus kann man den Ephemeridenwert mit nur geringfügiger Veränderung übernehmen. Um bei den anderen Planeten die aktuelle Stellung zur Geburtszeit zu finden, wird zuerst die Differenz zwischen ihr und 0^h WZ ermittelt. Dazu ist erforderlich, daß beide Zeitpunkte in der gleichen Zeitrechnung ausgedrückt werden. Und zwar ist es hier am einfachsten, nicht die sich auch anbietende *Ortszeit des Geburtsortes* zu nehmen, sondern die *aktuelle Zonenzeit* in WZ umzurechnen. Eine Geburtszeit von 17^h34 MEZ würde dann zu 16^h34 WZ, und die Differenz wäre entsprechend 16 Stunden und 34 Minuten bzw. 16,567 Stunden. Jeder «Planet» hätte sich also im Augenblick dieser Geburt um 16,57:24 seiner *Tagesbewegung* - gegebenenfalls auch in der Rückläufigkeit - gegenüber seiner Ephemeridenposition weiter bewegt. Die Tagesbewegung der Wandelsterne ergibt sich aus der Differenz der zwei 0^h-WZ-Angaben, die die Geburtszeit einrahmen.

Da die Ephemeridenzeit-Geburtszeit-Differenz der *Geburtszeit in WZ* gleich ist, geschieht also die Berechnung der Planetenstellungen, mit Berücksichtigung eventueller Rückläufigkeit (durch das Minuszeichen ausgedrückt), nach der Formel:

Planet: **Ephemeridenstellg. \pm (Geburtszeit in WZ : 24^h \times Tagesbewegung)**

Bei Saturn und Jupiter kann die geringfügige Verschiebung in Gradminuten schnell im Kopf gerechnet werden, indem man das Verhältnis von Ephemeridenzeit-Geburtszeit-Differenz und Tag zu einem einfachen Bruch ab- oder aufrundet, was im obigen Fall bedeutet: $16,57:24 \approx 2/3$. Auch die Stellung des Mondknotens, der in der Ephemeride allgemein in Schritten von drei Tagen angegeben ist, wird durch eine freiere Interpolation festgelegt.

An der Sonnenstellung im Tagesbild läßt sich die Berechnung der Häuser überschlagsweise kontrollieren.

4. Die Aspekte (Winkelbeziehungen)

Der Organismus der drei Weltenkreise mit den Wandelsternen und dem Mondknoten wird für die Anschauung erst in vollem Sinn durchsichtig, wenn auch die gegenseitigen dynamisch-geometrischen Beziehungen, die als *Aspekte* bezeichnet werden, in das Horoskopbild eingetragen werden. (Zum dreigliedrigen Wesen dieser Beziehungen siehe Seite 100.)

Die Aspekte lassen sich am einfachsten vermittelt einer 360°-Schablone finden, in die von einem Punkt aus alle Winkelbeziehungen in ihrem Gültigkeitspielraum eingezeichnet sind und die mit diesem Punkt auf die eingetragenen Positionen aufgesetzt wird.

Im Hinblick auf Gültigkeit gilt die Regel: Je genauer der Aspekt, um so «stärker» ist er, und je weniger genau, um so «schwächer»; von einem plötzlichen Übergang von *gültig* zu *ungültig* kann nicht die Rede sein. Dabei haben die primären bzw. größeren Aspekte einen weiteren Spielraum als ihre Unterteilungen; und ebenso ist zu beachten, daß bei den schnelleren «Planeten», vor allem beim Mond, die Abweichung von der genauen Winkelbeziehung deren Aktualität weniger schwächt als bei den langsameren. Bei der Beurteilung eines Aspektes muß also stets immer auch in diesem Sinn der Planet und seine genaue Stellung berücksichtigt werden. Auf die Schablone können folgende Werte übertragen werden:

WILLENSASPEKTE

(Spannung, Aufgabe, Keimhaft-Zukünftiges)

Opposition (180°) $\pm 10^\circ$; Quadrat (90°) $\pm 8^\circ$; Halbquadrat (45°) $\pm 4^\circ$.

GEFÜHLSASPEKTE

(Ausgleich, Vermittlung, Lebensvoll-Gegenwärtiges)

Trigon (120°) $\pm 8^\circ$; Sextil (60°) $\pm 6^\circ$; Halbsextil / Quincunx ($30/150^\circ$) $\pm 2^\circ$.

GEDANKENASPEKTE

(Orientierung, Strukturierung, Gegeben-Gewordenes)

Quintil / Biquintil ($72/144^\circ$) $\pm 4\text{-}5^\circ$; Halb- / Anderthalbquintil ($36/108^\circ$) $\pm 2^\circ$.

ZENTRIERUNGSASPEKT

(impulsierende Vereinigung, Steigerung)

Konjunktion (0°) $\pm 10^\circ$.

Für das schnelle Überschauen der Differenzierung ist es von Vorteil, die Opposition-Quadrat-Aspekte in Orange-Rot einzuzichnen, die Dreieck-Sechseck-Aspekte in Grün und die Pentagramm-Pentagon-Aspekte in Blau-Violett (in unserem Beispiel als *kräftig*, *wellig* und *punktiert* wiedergegeben). Die Unterteilungsformen dieser Aspekte können in gestrichelten Linien dargestellt werden.

Es soll noch einmal daran erinnert werden, daß in jedem einzelnen Fall eine Überprüfung der Gesamtdarstellung immer notwendig ist, da Fehler auf diesem Gebiet außerordentlich schwer wiegen. Dem Autoren ist einmal von einer besorgten Mutter das Horoskop ihrer Tochter, die an dem von ihm geleiteten Studienjahr teilgenommen hatte, zur Orientierung zugeschickt worden, zusammen mit einer Deutung, in dem eine ganze Reihe vergangener Inkarnationen aufgeführt war; dabei konnte man auf dem ersten Blick durch Vergleich der Geburtszeit mit der Sonnenstellung im Tageskreis erkennen, daß die Häuser falsch berechnet waren und somit noch nicht einmal der Ansatz zu der an sich zweifelhaften Schicksalsforschung dieser Art gestimmt hat. Zwar sucht man heute solche Fehler mit Hilfe des Computers zu vermeiden, doch macht man sich hier vielfach nicht klar, daß damit - abgesehen von den unter Umständen noch größer ausfallenden Fehlern durch falsche Eingaben - die Zusammenhänge nicht mehr durchsichtig erscheinen und erst recht die Gefahr einer Wirklichkeitsentfremdung gegeben ist.

7. Beispiel eines Gestirnsbildes der Geburt

Tag der Geburt: **16. 02. 1992**
Zeit: **17^h 34^{min}** = 17,567^h MEZ = 16,567^h WZ
Geburtsort: Bad Kreuznach
7°52' = 7,8667° $\hat{=}$ 31,467^{min} = 0,524^h östl. Länge
49°50' nördl. Breite
Ortszeit: 16,567^h WZ + 0,524^h ö.L. = 17,091^h
Sternzeit 0^h WZ: 9^h41^m0^s = 9,6833^h
Geburts-Sternzeit: 9,6833^h + 17,091^h \times 1,002738 =
9,6833^h + 17,137795^h = 26,821095^h
26,821095^h - 24^h = **2,821^h** $\hat{=}$ 2,821 \times 15° =
42,315°
Tagesbewegungs-
Anteil: 16,567^h WZ : 24^h = **0,6903**

Für die Häuserspitzen ergibt sich mit Interpolation:

ASZ: 145,82° = 25,82° Löwe	MC: 44,7° = 14,7° Stier
XII: 123,5° = 3,5° Löwe	IX: 8,9° = 8,9° Widder
XI: 90,1° = 0,1° Krebs	VII: 345,3° = 15,3° Fische

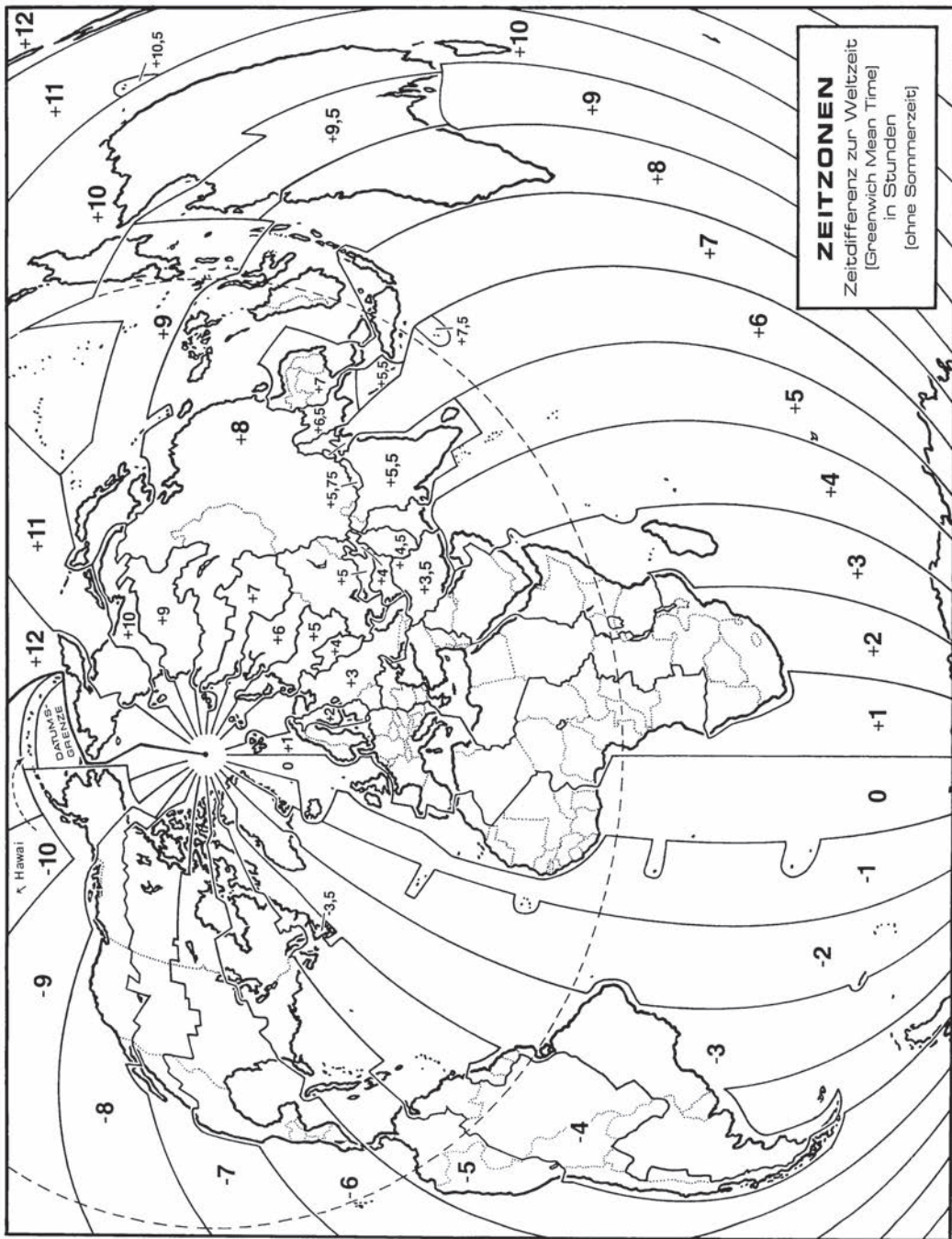
*Planetenpositionen nach Hinzufügen des jeweiligen Tagesbewegungs-
Anteils von 0,6903 zum Ephemeridenwert:*

Sonne: 27,26° Wassermann	Jupiter: R11,26° Jungfrau
Mond: 3,97° Löwe	Saturn: 11,25° Wassermann
Merkur: 0,73° Fische	Uranus: 16,31° Steinbock
Venus: 27,53° Steinbock	Neptun: 17,91° Steinbock
Mars: 28,86° Steinbock	Pluto: 22,91° Skorpion

Aufsteigender Mondknoten: 7,33° Steinbock

Absteigender Mondknoten: 7,33° Krebs



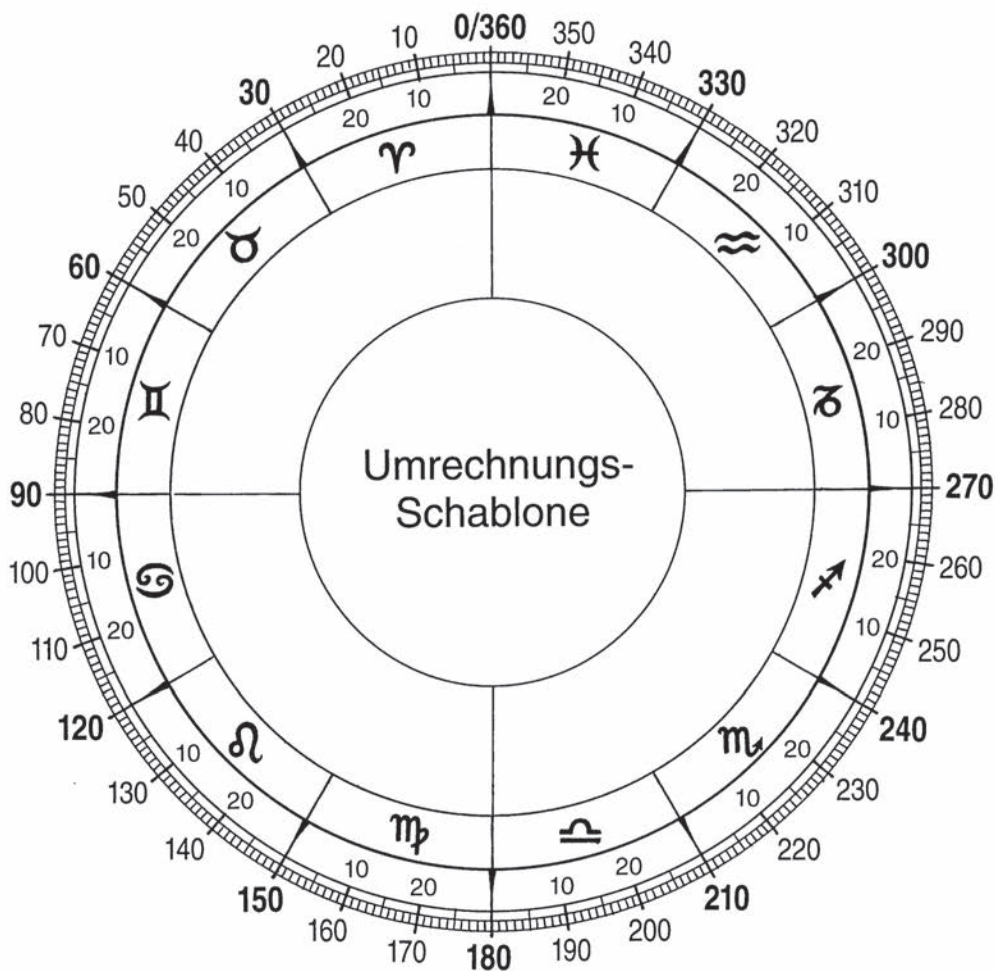


NEUE HÄUSERTABELLEN
für geographische Breiten
von 0° bis 64°

in bis 360 durchgehenden Gradzahlen
mit Umrechnungsschablone

Berechnungen:

Ulrich Leyde



Die auf ein hundertstel Grad berechneten Tabellenwerte für die Häuserspitzen beziehen sich alle auf 0° Widder, liegen also in einem nicht unterteilten 360°-Kreis. (Die durchgehenden Gradzahlen lassen sich, auch als Dezimalzahlen, vielfach bequemer interpolieren.) Für die Umrechnung in die 30°-Abschnitte der Tierkreiszeichen kann die obige Schablone verwendet werden.

Die nördliche Breitengrenze von 64° liegt etwa auf der Höhe von Trondheim. Für höhere Breitengrade wende man sich für eine Vermittlung an den Verlag.

Eine Horoskop-Vorlage zum vergrößern Kopieren findet sich am Ende des Buches.

0° Sternzeit Oh 0min						1° Sternzeit Oh 4min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
129.21	116.07	80.68	0.00	330.89	318.81	64	129.76	116.55	81.32	1.09	331.67	319.44
127.99	114.15	77.77	0.00	330.66	318.08	63	128.56	114.66	78.45	1.09	331.45	318.73
126.81	112.29	75.04	0.00	330.45	317.39	62	127.40	112.82	75.75	1.09	331.26	318.06
125.68	110.47	72.47	0.00	330.28	316.74	61	126.28	111.02	73.22	1.09	331.10	317.42
124.58	108.71	70.07	0.00	330.13	316.12	60	125.20	109.28	70.85	1.09	330.96	316.82
123.52	107.00	67.82	0.00	330.00	315.54	59	124.15	107.59	68.63	1.09	330.85	316.26
122.49	105.33	65.71	0.00	329.90	314.99	58	123.14	105.94	66.54	1.09	330.76	315.72
121.50	103.71	63.73	0.00	329.81	314.47	57	122.17	104.34	64.58	1.09	330.68	315.21
120.54	102.14	61.87	0.00	329.75	313.97	56	121.22	102.79	62.74	1.09	330.63	314.73
119.61	100.62	60.13	0.00	329.70	313.51	55	120.30	101.28	61.02	1.09	330.59	314.28
118.71	99.13	58.49	0.00	329.66	313.07	54	119.42	99.82	59.39	1.09	330.56	313.84
117.84	97.70	56.95	0.00	329.64	312.65	53	118.55	98.39	57.86	1.09	330.54	313.44
116.99	96.30	55.50	0.00	329.62	312.25	52	117.72	97.01	56.43	1.09	330.54	313.05
116.17	94.95	54.13	0.00	329.62	311.87	51	116.91	95.67	55.07	1.09	330.55	312.68
115.37	93.63	52.84	0.00	329.63	311.51	50	116.12	94.37	53.79	1.09	330.56	312.33
114.60	92.36	51.62	0.00	329.64	311.17	49	115.35	93.11	52.58	1.09	330.58	311.99
113.84	91.12	50.47	0.00	329.67	310.84	48	114.61	91.89	51.44	1.09	330.61	311.67
113.11	89.92	49.38	0.00	329.70	310.53	47	113.89	90.70	50.36	1.09	330.65	311.37
112.40	88.76	48.35	0.00	329.73	310.23	46	113.18	89.54	49.33	1.09	330.69	311.08
111.70	87.63	47.38	0.00	329.77	309.94	45	112.49	88.42	48.37	1.09	330.73	310.80
111.02	86.53	46.45	0.00	329.81	309.67	44	111.82	87.34	47.45	1.09	330.78	310.53
110.36	85.47	45.58	0.00	329.86	309.40	43	111.16	86.28	46.57	1.09	330.83	310.27
109.71	84.43	44.74	0.00	329.91	309.15	42	110.53	85.26	45.74	1.09	330.88	310.02
109.08	83.43	43.95	0.00	329.96	308.90	41	109.90	84.26	44.96	1.09	330.94	309.78
108.47	82.46	43.20	0.00	330.01	308.67	40	109.29	83.30	44.21	1.09	331.00	309.55
107.86	81.52	42.48	0.00	330.06	308.44	39	108.69	82.36	43.49	1.09	331.05	309.33
107.27	80.60	41.80	0.00	330.12	308.22	38	108.11	81.46	42.82	1.09	331.11	309.11
106.69	79.71	41.15	0.00	330.17	308.00	37	107.53	80.57	42.17	1.09	331.17	308.90
106.13	78.85	40.53	0.00	330.22	307.79	36	106.97	79.72	41.55	1.09	331.22	308.69
105.57	78.01	39.94	0.00	330.28	307.58	35	106.42	78.89	40.96	1.09	331.28	308.49
105.03	77.20	39.38	0.00	330.33	307.38	34	105.88	78.08	40.40	1.09	331.33	308.29
104.49	76.41	38.84	0.00	330.38	307.18	33	105.35	77.30	39.87	1.09	331.39	308.10
103.96	75.65	38.33	0.00	330.43	306.99	32	104.83	76.54	39.36	1.09	331.44	307.91
103.45	74.91	37.84	0.00	330.47	306.79	31	104.31	75.80	38.87	1.09	331.49	307.72
102.94	74.18	37.37	0.00	330.52	306.60	30	103.81	75.08	38.40	1.09	331.53	307.53
102.44	73.48	36.92	0.00	330.56	306.42	29	103.31	74.39	37.96	1.09	331.58	307.34
101.95	72.80	36.50	0.00	330.60	306.23	28	102.82	73.71	37.53	1.09	331.62	307.16
101.46	72.14	36.09	0.00	330.64	306.04	27	102.34	73.06	37.13	1.09	331.66	306.97
100.98	71.50	35.70	0.00	330.67	305.86	26	101.87	72.42	36.74	1.09	331.70	306.79
100.51	70.88	35.33	0.00	330.70	305.67	25	101.40	71.80	36.36	1.09	331.73	306.61
100.05	70.28	34.97	0.00	330.73	305.48	24	100.94	71.20	36.01	1.09	331.76	306.42
99.59	69.69	34.63	0.00	330.75	305.29	23	100.48	70.62	35.67	1.09	331.78	306.24
99.13	69.12	34.30	0.00	330.77	305.11	22	100.03	70.05	35.34	1.09	331.80	306.05
98.69	68.57	33.99	0.00	330.79	304.92	21	99.58	69.50	35.03	1.09	331.82	305.86
98.24	68.03	33.69	0.00	330.80	304.72	20	99.14	68.97	34.74	1.09	331.83	305.67
97.80	67.51	33.41	0.00	330.81	304.53	19	98.70	68.45	34.45	1.09	331.84	305.48
97.37	67.01	33.14	0.00	330.81	304.33	18	98.27	67.94	34.18	1.09	331.85	305.28
96.94	66.51	32.88	0.00	330.81	304.13	17	97.84	67.45	33.92	1.09	331.85	305.08
96.51	66.04	32.63	0.00	330.81	303.93	16	97.41	66.98	33.68	1.09	331.85	304.88
96.09	65.57	32.40	0.00	330.80	303.72	15	96.99	66.52	33.44	1.09	331.84	304.68
95.67	65.12	32.17	0.00	330.78	303.51	14	96.57	66.07	33.22	1.09	331.82	304.47
95.25	64.68	31.96	0.00	330.76	303.30	13	96.16	65.63	33.00	1.09	331.80	304.25
94.83	64.26	31.76	0.00	330.74	303.08	12	95.75	65.21	32.80	1.09	331.78	304.04
94.42	63.85	31.56	0.00	330.71	302.85	11	95.33	64.80	32.61	1.09	331.75	303.81
94.01	63.44	31.38	0.00	330.67	302.63	10	94.93	64.40	32.42	1.09	331.72	303.58
93.61	63.05	31.20	0.00	330.63	302.39	9	94.52	64.01	32.25	1.09	331.68	303.35
93.20	62.67	31.04	0.00	330.59	302.15	8	94.12	63.63	32.08	1.09	331.63	303.11
92.80	62.31	30.88	0.00	330.54	301.91	7	93.71	63.26	31.92	1.09	331.58	302.87
92.40	61.95	30.73	0.00	330.48	301.65	6	93.31	62.90	31.78	1.09	331.52	302.62
91.99	61.60	30.59	0.00	330.41	301.40	5	92.91	62.56	31.64	1.09	331.46	302.36
91.59	61.26	30.46	0.00	330.34	301.13	4	92.51	62.22	31.50	1.09	331.39	302.09
91.19	60.93	30.33	0.00	330.27	300.86	3	92.11	61.89	31.38	1.09	331.31	301.82
90.80	60.61	30.21	0.00	330.19	300.58	2	91.71	61.57	31.26	1.09	331.23	301.54
90.40	60.30	30.10	0.00	330.10	300.29	1	91.32	61.26	31.15	1.09	331.14	301.26
90.00	60.00	30.00	0.00	330.00	300.00	0	90.92	60.96	31.05	1.09	331.05	300.96

2°		Sternzeit				Oh 8min	3°		Sternzeit				Oh12min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
130.31	117.03	81.96	2.18	332.44	320.08	64	130.86	117.52	82.59	3.27	333.22	320.72	
129.13	115.16	79.12	2.18	332.24	319.39	63	129.70	115.67	79.80	3.27	333.03	320.04	
127.99	113.34	76.47	2.18	332.07	318.73	62	128.57	113.87	77.18	3.27	332.87	319.40	
126.88	111.57	73.97	2.18	331.92	318.11	61	127.49	112.12	74.71	3.27	332.74	318.80	
125.82	109.85	71.63	2.18	331.80	317.53	60	126.44	110.42	72.40	3.27	332.63	318.23	
124.79	108.18	69.43	2.18	331.70	316.97	59	125.42	108.77	70.23	3.27	332.55	317.69	
123.79	106.55	67.36	2.18	331.62	316.45	58	124.44	107.16	68.19	3.27	332.48	317.18	
122.83	104.97	65.43	2.18	331.56	315.95	57	123.49	105.60	66.27	3.27	332.43	316.70	
121.90	103.44	63.61	2.18	331.51	315.49	56	122.57	104.08	64.47	3.27	332.39	316.24	
120.99	101.94	61.90	2.18	331.48	315.04	55	121.68	102.60	62.78	3.27	332.37	315.81	
120.12	100.50	60.29	2.18	331.46	314.62	54	120.82	101.17	61.19	3.27	332.36	315.40	
119.27	99.09	58.78	2.18	331.45	314.22	53	119.98	99.78	59.68	3.27	332.36	315.01	
118.44	97.72	57.35	2.18	331.46	313.85	52	119.17	98.43	58.27	3.27	332.37	314.64	
117.64	96.40	56.00	2.18	331.47	313.49	51	118.38	97.12	56.94	3.27	332.40	314.29	
116.87	95.11	54.73	2.18	331.49	313.14	50	117.61	95.84	55.68	3.27	332.43	313.96	
116.11	93.86	53.54	2.18	331.52	312.82	49	116.86	94.60	54.49	3.27	332.46	313.64	
115.37	92.65	52.40	2.18	331.56	312.50	48	116.13	93.40	53.36	3.27	332.50	313.34	
114.66	91.47	51.33	2.18	331.60	312.21	47	115.43	92.24	52.29	3.27	332.55	313.05	
113.96	90.32	50.31	2.18	331.65	311.92	46	114.74	91.10	51.28	3.27	332.60	312.77	
113.28	89.22	49.35	2.18	331.70	311.65	45	114.06	90.00	50.33	3.27	332.66	312.50	
112.61	88.14	48.43	2.18	331.75	311.39	44	113.41	88.94	49.42	3.27	332.72	312.25	
111.97	87.09	47.57	2.18	331.80	311.14	43	112.77	87.90	48.56	3.27	332.78	312.00	
111.33	86.08	46.74	2.18	331.86	310.90	42	112.14	86.89	47.74	3.27	332.84	311.77	
110.72	85.09	45.96	2.18	331.92	310.66	41	111.53	85.92	46.96	3.27	332.90	311.54	
110.11	84.14	45.21	2.18	331.98	310.44	40	110.93	84.97	46.21	3.27	332.97	311.32	
109.52	83.21	44.50	2.18	332.04	310.22	39	110.34	84.05	45.51	3.27	333.03	311.10	
108.94	82.31	43.83	2.18	332.10	310.00	38	109.77	83.15	44.84	3.27	333.10	310.90	
108.37	81.43	43.18	2.18	332.16	309.80	37	109.21	82.29	44.20	3.27	333.16	310.69	
107.81	80.58	42.57	2.18	332.22	309.59	36	108.65	81.44	43.58	3.27	333.22	310.49	
107.27	79.76	41.98	2.18	332.28	309.40	35	108.11	80.62	43.00	3.27	333.29	310.30	
106.73	78.96	41.43	2.18	332.34	309.20	34	107.58	79.83	42.45	3.27	333.35	310.11	
106.21	78.18	40.89	2.18	332.40	309.01	33	107.06	79.06	41.91	3.27	333.41	309.92	
105.69	77.42	40.38	2.18	332.45	308.82	32	106.55	78.31	41.41	3.27	333.46	309.74	
105.18	76.69	39.90	2.18	332.50	308.64	31	106.04	77.58	40.92	3.27	333.52	309.56	
104.68	75.98	39.43	2.18	332.55	308.45	30	105.54	76.87	40.46	3.27	333.57	309.38	
104.18	75.29	38.99	2.18	332.60	308.27	29	105.05	76.19	40.02	3.27	333.62	309.20	
103.70	74.62	38.56	2.18	332.64	308.09	28	104.57	75.52	39.59	3.27	333.66	309.02	
103.22	73.97	38.16	2.18	332.68	307.91	27	104.10	74.87	39.19	3.27	333.71	308.84	
102.75	73.33	37.77	2.18	332.72	307.73	26	103.63	74.24	38.80	3.27	333.75	308.66	
102.28	72.72	37.40	2.18	332.75	307.54	25	103.16	73.63	38.43	3.27	333.78	308.48	
101.82	72.12	37.05	2.18	332.78	307.36	24	102.71	73.04	38.08	3.27	333.81	308.30	
101.37	71.54	36.71	2.18	332.81	307.18	23	102.26	72.46	37.74	3.27	333.84	308.12	
100.92	70.98	36.38	2.18	332.83	306.99	22	101.81	71.90	37.42	3.27	333.87	307.94	
100.47	70.43	36.07	2.18	332.85	306.81	21	101.37	71.36	37.11	3.27	333.89	307.75	
100.04	69.90	35.78	2.18	332.87	306.62	20	100.93	70.83	36.82	3.27	333.90	307.57	
99.60	69.38	35.50	2.18	332.88	306.43	19	100.50	70.31	36.53	3.27	333.92	307.38	
99.17	68.88	35.23	2.18	332.89	306.23	18	100.07	69.81	36.26	3.27	333.92	307.18	
98.74	68.39	34.97	2.18	332.89	306.04	17	99.64	69.33	36.01	3.27	333.93	306.99	
98.32	67.92	34.72	2.18	332.88	305.84	16	99.22	68.86	35.76	3.27	333.92	306.79	
97.90	67.46	34.49	2.18	332.88	305.63	15	98.80	68.40	35.53	3.27	333.92	306.59	
97.48	67.01	34.26	2.18	332.86	305.42	14	98.39	67.95	35.30	3.27	333.91	306.38	
97.07	66.58	34.05	2.18	332.85	305.21	13	97.97	67.52	35.09	3.27	333.89	306.17	
96.65	66.16	33.85	2.18	332.82	304.99	12	97.56	67.10	34.89	3.27	333.87	305.95	
96.25	65.75	33.65	2.18	332.79	304.77	11	97.16	66.69	34.69	3.27	333.84	305.73	
95.84	65.35	33.47	2.18	332.76	304.54	10	96.75	66.29	34.51	3.27	333.81	305.50	
95.43	64.96	33.29	2.18	332.72	304.31	9	96.34	65.91	34.34	3.27	333.77	305.27	
95.03	64.58	33.13	2.18	332.68	304.07	8	95.94	65.53	34.17	3.27	333.72	305.03	
94.63	64.22	32.97	2.18	332.63	303.83	7	95.54	65.17	34.01	3.27	333.67	304.79	
94.23	63.86	32.82	2.18	332.57	303.58	6	95.14	64.81	33.86	3.27	333.62	304.54	
93.83	63.51	32.68	2.18	332.51	303.32	5	94.74	64.47	33.72	3.27	333.56	304.28	
93.43	63.18	32.55	2.18	332.44	303.06	4	94.34	64.13	33.59	3.27	333.49	304.02	
93.03	62.85	32.42	2.18	332.36	302.78	3	93.95	63.80	33.47	3.27	333.41	303.75	
92.63	62.53	32.30	2.18	332.28	302.51	2	93.55	63.49	33.35	3.27	333.33	303.47	
92.23	62.22	32.19	2.18	332.19	302.22	1	93.15	63.18	33.24	3.27	333.24	303.18	
91.83	61.92	32.09	2.18	332.10	301.92	0	92.75	62.88	33.13	3.27	333.15	302.89	

Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
131.41	118.00	83.23	4.36	333.99	321.36	64	131.96	118.49	83.86	5.45	334.77	322.00
130.27	116.18	80.47	4.36	333.83	320.70	63	130.84	116.68	81.15	5.45	334.62	321.35
129.16	114.40	77.89	4.36	333.68	320.07	62	129.75	114.93	78.60	5.45	334.49	320.74
128.09	112.67	75.45	4.36	333.56	319.49	61	128.69	113.22	76.20	5.45	334.39	320.17
127.06	110.99	73.17	4.36	333.47	318.93	60	127.67	111.56	73.94	5.45	334.30	319.63
126.06	109.36	71.02	4.36	333.39	318.40	59	126.69	109.95	71.82	5.45	334.24	319.12
125.09	107.77	69.01	4.36	333.34	317.91	58	125.74	108.37	69.82	5.45	334.20	318.64
124.15	106.22	67.11	4.36	333.30	317.44	57	124.81	106.85	67.95	5.45	334.17	318.18
123.25	104.72	65.33	4.36	333.27	316.99	56	123.92	105.36	66.19	5.45	334.15	317.75
122.37	103.26	63.65	4.36	333.26	316.57	55	123.05	103.92	64.53	5.45	334.15	317.34
121.52	101.85	62.08	4.36	333.26	316.17	54	122.21	102.52	62.96	5.45	334.16	316.95
120.69	100.47	60.59	4.36	333.27	315.80	53	121.40	101.16	61.49	5.45	334.18	316.58
119.89	99.13	59.19	4.36	333.29	315.44	52	120.61	99.83	60.10	5.45	334.21	316.23
119.11	97.83	57.86	4.36	333.32	315.10	51	119.84	98.55	58.79	5.45	334.25	315.90
118.35	96.57	56.61	4.36	333.36	314.77	50	119.09	97.30	57.55	5.45	334.29	315.58
117.61	95.35	55.43	4.36	333.40	314.46	49	118.36	96.09	56.38	5.45	334.34	315.28
116.89	94.16	54.31	4.36	333.45	314.17	48	117.65	94.91	55.27	5.45	334.40	314.99
116.19	93.00	53.26	4.36	333.50	313.88	47	116.96	93.76	54.21	5.45	334.45	314.72
115.51	91.88	52.25	4.36	333.56	313.61	46	116.29	92.65	53.22	5.45	334.52	314.46
114.85	90.79	51.30	4.36	333.62	313.36	45	115.63	91.57	52.27	5.45	334.58	314.21
114.20	89.73	50.40	4.36	333.69	313.11	44	114.99	90.53	51.38	5.45	334.65	313.96
113.56	88.71	49.54	4.36	333.75	312.87	43	114.36	89.51	50.52	5.45	334.72	313.73
112.94	87.71	48.73	4.36	333.82	312.64	42	113.75	88.52	49.71	5.45	334.80	313.51
112.34	86.74	47.95	4.36	333.89	312.41	41	113.15	87.56	48.94	5.45	334.87	313.29
111.75	85.80	47.21	4.36	333.95	312.20	40	112.56	86.63	48.21	5.45	334.94	313.08
111.17	84.89	46.51	4.36	334.02	311.99	39	111.99	85.72	47.51	5.45	335.01	312.88
110.60	84.00	45.84	4.36	334.09	311.79	38	111.42	84.84	46.84	5.45	335.08	312.68
110.04	83.14	45.20	4.36	334.16	311.59	37	110.87	83.98	46.21	5.45	335.16	312.48
109.49	82.30	44.60	4.36	334.22	311.40	36	110.33	83.15	45.60	5.45	335.23	312.29
108.96	81.49	44.02	4.36	334.29	311.21	35	109.80	82.35	45.03	5.45	335.29	312.11
108.43	80.70	43.46	4.36	334.35	311.02	34	109.28	81.57	44.47	5.45	335.36	311.93
107.91	79.93	42.93	4.36	334.41	310.84	33	108.76	80.80	43.95	5.45	335.42	311.75
107.40	79.19	42.43	4.36	334.47	310.66	32	108.26	80.07	43.44	5.45	335.49	311.57
106.90	78.46	41.94	4.36	334.53	310.48	31	107.76	79.35	42.96	5.45	335.55	311.40
106.41	77.76	41.48	4.36	334.58	310.30	30	107.27	78.65	42.50	5.45	335.60	311.22
105.92	77.08	41.04	4.36	334.64	310.12	29	106.79	77.97	42.07	5.45	335.66	311.05
105.44	76.42	40.62	4.36	334.68	309.95	28	106.31	77.31	41.65	5.45	335.71	310.88
104.97	75.77	40.22	4.36	334.73	309.77	27	105.84	76.67	41.24	5.45	335.75	310.70
104.51	75.15	39.83	4.36	334.77	309.60	26	105.38	76.05	40.86	5.45	335.80	310.53
104.05	74.54	39.47	4.36	334.81	309.42	25	104.92	75.45	40.49	5.45	335.84	310.36
103.59	73.95	39.11	4.36	334.84	309.24	24	104.47	74.86	40.14	5.45	335.87	310.18
103.14	73.38	38.78	4.36	334.87	309.06	23	104.03	74.29	39.81	5.45	335.90	310.00
102.70	72.82	38.45	4.36	334.90	308.88	22	103.59	73.74	39.49	5.45	335.93	309.83
102.26	72.28	38.15	4.36	334.92	308.70	21	103.15	73.20	39.18	5.45	335.96	309.64
101.82	71.75	37.85	4.36	334.94	308.51	20	102.72	72.68	38.89	5.45	335.98	309.46
101.39	71.24	37.57	4.36	334.95	308.33	19	102.29	72.17	38.60	5.45	335.99	309.28
100.97	70.74	37.30	4.36	334.96	308.14	18	101.86	71.67	38.34	5.45	336.00	309.09
100.54	70.26	37.05	4.36	334.97	307.94	17	101.44	71.19	38.08	5.45	336.01	308.89
100.12	69.79	36.80	4.36	334.96	307.74	16	101.02	70.73	37.84	5.45	336.01	308.70
99.71	69.34	36.57	4.36	334.96	307.54	15	100.61	70.27	37.60	5.45	336.00	308.50
99.29	68.89	36.34	4.36	334.95	307.34	14	100.20	69.83	37.38	5.45	335.99	308.29
98.88	68.46	36.13	4.36	334.93	307.13	13	99.79	69.40	37.17	5.45	335.98	308.08
98.47	68.04	35.93	4.36	334.91	306.91	12	99.38	68.99	36.97	5.45	335.96	307.87
98.06	67.64	35.73	4.36	334.88	306.69	11	98.97	68.58	36.77	5.45	335.93	307.65
97.66	67.24	35.55	4.36	334.85	306.47	10	98.57	68.19	36.59	5.45	335.90	307.43
97.26	66.86	35.38	4.36	334.81	306.23	9	98.17	67.80	36.42	5.45	335.86	307.20
96.85	66.48	35.21	4.36	334.77	306.00	8	97.77	67.43	36.25	5.45	335.82	306.96
96.45	66.12	35.05	4.36	334.72	305.75	7	97.37	67.07	36.09	5.45	335.77	306.72
96.06	65.76	34.91	4.36	334.67	305.50	6	96.97	66.71	35.95	5.45	335.72	306.47
95.66	65.42	34.77	4.36	334.60	305.25	5	96.57	66.37	35.80	5.45	335.66	306.21
95.26	65.09	34.63	4.36	334.54	304.98	4	96.18	66.04	35.67	5.45	335.59	305.95
94.86	64.76	34.51	4.36	334.46	304.71	3	95.78	65.71	35.55	5.45	335.51	305.68
94.46	64.44	34.39	4.36	334.38	304.43	2	95.38	65.40	35.43	5.45	335.43	305.40
94.07	64.13	34.28	4.36	334.29	304.15	1	94.99	65.09	35.32	5.45	335.35	305.11
93.67	63.83	34.17	4.36	334.20	303.85	0	94.59	64.79	35.21	5.45	335.25	304.82

6° Sternzeit Oh24min						7° Sternzeit Oh28min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
132.52	118.97	84.50	6.54	335.55	322.63	64	133.07	119.46	85.13	7.62	336.33	323.27
131.40	117.19	81.82	6.54	335.41	322.01	63	131.97	117.70	82.50	7.62	336.21	322.66
130.33	115.46	79.30	6.54	335.30	321.42	62	130.92	115.99	80.01	7.62	336.11	322.09
129.29	113.77	76.93	6.54	335.21	320.86	61	129.89	114.32	77.67	7.62	336.03	321.54
128.29	112.13	74.70	6.54	335.14	320.33	60	128.91	112.70	75.47	7.62	335.97	321.03
127.32	110.53	72.61	6.54	335.09	319.83	59	127.95	111.12	73.40	7.62	335.94	320.55
126.38	108.98	70.64	6.54	335.05	319.36	58	127.03	109.59	71.45	7.62	335.91	320.09
125.47	107.47	68.78	6.54	335.04	318.92	57	126.13	108.09	69.62	7.62	335.91	319.66
124.59	106.00	67.04	6.54	335.03	318.50	56	125.26	106.64	67.89	7.62	335.91	319.25
123.74	104.58	65.40	6.54	335.04	318.10	55	124.42	105.23	66.26	7.62	335.93	318.86
122.91	103.19	63.85	6.54	335.06	317.72	54	123.60	103.86	64.73	7.62	335.96	318.49
122.11	101.84	62.39	6.54	335.09	317.36	53	122.81	102.53	63.28	7.62	336.00	318.15
121.32	100.53	61.01	6.54	335.13	317.02	52	122.04	101.23	61.92	7.62	336.04	317.81
120.56	99.26	59.71	6.54	335.17	316.70	51	121.29	99.97	60.63	7.62	336.09	317.50
119.83	98.03	58.48	6.54	335.22	316.39	50	120.56	98.75	59.40	7.62	336.15	317.20
119.11	96.82	57.31	6.54	335.28	316.10	49	119.85	97.56	58.25	7.62	336.22	316.92
118.41	95.66	56.21	6.54	335.34	315.82	48	119.16	96.40	57.16	7.62	336.29	316.65
117.72	94.52	55.17	6.54	335.41	315.56	47	118.48	95.28	56.12	7.62	336.36	316.39
117.06	93.42	54.18	6.54	335.48	315.30	46	117.83	94.19	55.14	7.62	336.43	316.14
116.41	92.35	53.24	6.54	335.55	315.05	45	117.18	93.13	54.20	7.62	336.51	315.90
115.77	91.32	52.35	6.54	335.62	314.82	44	116.56	92.10	53.32	7.62	336.59	315.67
115.15	90.31	51.50	6.54	335.70	314.59	43	115.94	91.10	52.48	7.62	336.67	315.45
114.55	89.33	50.70	6.54	335.77	314.37	42	115.34	90.13	51.68	7.62	336.75	315.24
113.95	88.37	49.93	6.54	335.85	314.16	41	114.76	89.19	50.91	7.62	336.83	315.04
113.37	87.45	49.20	6.54	335.93	313.96	40	114.18	88.27	50.19	7.62	336.91	314.84
112.80	86.55	48.50	6.54	336.00	313.76	39	113.62	87.38	49.50	7.62	336.99	314.64
112.25	85.68	47.84	6.54	336.08	313.57	38	113.07	86.51	48.84	7.62	337.07	314.46
111.70	84.83	47.21	6.54	336.15	313.38	37	112.53	85.67	48.21	7.62	337.15	314.27
111.16	84.01	46.61	6.54	336.23	313.19	36	112.00	84.86	47.61	7.62	337.23	314.09
110.64	83.21	46.03	6.54	336.30	313.01	35	111.47	84.06	47.04	7.62	337.30	313.91
110.12	82.43	45.48	6.54	336.37	312.83	34	110.96	83.29	46.49	7.62	337.38	313.74
109.61	81.67	44.96	6.54	336.43	312.66	33	110.46	82.54	45.97	7.62	337.45	313.57
109.11	80.94	44.46	6.54	336.50	312.49	32	109.96	81.81	45.47	7.62	337.51	313.40
108.62	80.23	43.98	6.54	336.56	312.31	31	109.47	81.10	44.99	7.62	337.58	313.23
108.13	79.53	43.52	6.54	336.62	312.14	30	108.99	80.42	44.54	7.62	337.64	313.06
107.65	78.86	43.09	6.54	336.68	311.97	29	108.52	79.75	44.10	7.62	337.70	312.90
107.18	78.21	42.67	6.54	336.73	311.80	28	108.05	79.10	43.69	7.62	337.75	312.73
106.72	77.57	42.27	6.54	336.78	311.63	27	107.59	78.47	43.29	7.62	337.80	312.56
106.26	76.95	41.89	6.54	336.82	311.46	26	107.13	77.85	42.91	7.62	337.85	312.40
105.80	76.35	41.52	6.54	336.87	311.29	25	106.68	77.26	42.54	7.62	337.89	312.23
105.35	75.77	41.17	6.54	336.90	311.12	24	106.23	76.68	42.19	7.62	337.93	312.06
104.91	75.20	40.83	6.54	336.94	310.94	23	105.79	76.11	41.86	7.62	337.97	311.89
104.47	74.65	40.51	6.54	336.97	310.77	22	105.36	75.57	41.54	7.62	338.00	311.71
104.04	74.12	40.21	6.54	336.99	310.59	21	104.93	75.03	41.24	7.62	338.03	311.54
103.61	73.60	39.92	6.54	337.01	310.41	20	104.50	74.52	40.94	7.62	338.05	311.36
103.18	73.09	39.64	6.54	337.03	310.23	19	104.07	74.01	40.67	7.62	338.07	311.18
102.76	72.60	39.37	6.54	337.04	310.04	18	103.65	73.53	40.40	7.62	338.08	310.99
102.34	72.12	39.11	6.54	337.05	309.85	17	103.24	73.05	40.14	7.62	338.09	310.80
101.92	71.66	38.87	6.54	337.05	309.65	16	102.82	72.59	39.90	7.62	338.09	310.61
101.51	71.21	38.64	6.54	337.04	309.45	15	102.41	72.14	39.67	7.62	338.09	310.41
101.10	70.77	38.42	6.54	337.04	309.25	14	102.00	71.70	39.45	7.62	338.08	310.21
100.69	70.34	38.20	6.54	337.02	309.04	13	101.60	71.28	39.24	7.62	338.07	310.00
100.29	69.93	38.00	6.54	337.00	308.83	12	101.19	70.86	39.04	7.62	338.05	309.79
99.88	69.52	37.81	6.54	336.98	308.61	11	100.79	70.46	38.84	7.62	338.03	309.58
99.48	69.13	37.63	6.54	336.95	308.39	10	100.39	70.07	38.66	7.62	338.00	309.35
99.08	68.75	37.45	6.54	336.91	308.16	9	99.99	69.69	38.49	7.62	337.96	309.13
98.68	68.38	37.29	6.54	336.87	307.93	8	99.59	69.32	38.32	7.62	337.92	308.89
98.28	68.02	37.13	6.54	336.82	307.68	7	99.19	68.96	38.17	7.62	337.87	308.65
97.88	67.66	36.98	6.54	336.77	307.44	6	98.80	68.61	38.02	7.62	337.82	308.40
97.49	67.32	36.84	6.54	336.71	307.18	5	98.40	68.27	37.88	7.62	337.76	308.15
97.09	66.99	36.71	6.54	336.64	306.92	4	98.01	67.94	37.75	7.62	337.69	307.89
96.70	66.66	36.58	6.54	336.57	306.65	3	97.61	67.61	37.62	7.62	337.62	307.62
96.30	66.35	36.47	6.54	336.49	306.37	2	97.22	67.30	37.50	7.62	337.54	307.34
95.90	66.04	36.36	6.54	336.40	306.08	1	96.82	66.99	37.39	7.62	337.46	307.05
95.51	65.74	36.25	6.54	336.31	305.79	0	96.43	66.69	37.29	7.62	337.36	306.76

8° Sternzeit 0h32min						9° Sternzeit 0h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
133.62	119.95	85.77	8.71	337.11	323.91	64	134.17	120.44	86.41	9.80	337.89	324.55
132.54	118.21	83.17	8.71	337.00	323.32	63	133.11	118.72	83.84	9.80	337.79	323.97
131.50	116.52	80.71	8.71	336.92	322.76	62	132.08	117.05	81.42	9.80	337.73	323.42
130.49	114.87	78.40	8.71	336.85	322.23	61	131.09	115.42	79.14	9.80	337.68	322.91
129.52	113.27	76.23	8.71	336.81	321.73	60	130.14	113.83	76.99	9.80	337.65	322.43
128.58	111.71	74.18	8.71	336.78	321.26	59	129.21	112.29	74.97	9.80	337.63	321.97
127.67	110.19	72.26	8.71	336.77	320.81	58	128.31	110.79	73.06	9.80	337.63	321.54
126.79	108.71	70.44	8.71	336.78	320.39	57	127.44	109.33	71.27	9.80	337.65	321.13
125.93	107.28	68.74	8.71	336.79	320.00	56	126.60	107.92	69.58	9.80	337.67	320.75
125.10	105.88	67.12	8.71	336.82	319.62	55	125.78	106.54	67.98	9.80	337.71	320.38
124.30	104.53	65.61	8.71	336.86	319.27	54	124.99	105.19	66.48	9.80	337.76	320.04
123.51	103.21	64.17	8.71	336.90	318.93	53	124.21	103.89	65.06	9.80	337.81	319.71
122.75	101.93	62.82	8.71	336.96	318.61	52	123.46	102.62	63.72	9.80	337.88	319.40
122.01	100.68	61.54	8.71	337.02	318.30	51	122.74	101.39	62.45	9.80	337.94	319.10
121.29	99.47	60.33	8.71	337.09	318.01	50	122.02	100.19	61.25	9.80	338.02	318.82
120.59	98.29	59.18	8.71	337.16	317.74	49	121.33	99.02	60.11	9.80	338.09	318.55
119.91	97.15	58.10	8.71	337.23	317.47	48	120.66	97.89	59.03	9.80	338.18	318.30
119.24	96.04	57.07	8.71	337.31	317.22	47	120.00	96.79	58.01	9.80	338.26	318.05
118.59	94.96	56.09	8.71	337.39	316.98	46	119.36	95.72	57.04	9.80	338.35	317.82
117.96	93.91	55.17	8.71	337.47	316.75	45	118.73	94.68	56.12	9.80	338.44	317.60
117.34	92.89	54.29	8.71	337.56	316.53	44	118.12	93.67	55.25	9.80	338.53	317.38
116.73	91.90	53.45	8.71	337.64	316.31	43	117.52	92.69	54.42	9.80	338.62	317.17
116.14	90.93	52.65	8.71	337.73	316.11	42	116.93	91.73	53.63	9.80	338.71	316.97
115.56	90.00	51.89	8.71	337.81	315.91	41	116.36	90.81	52.87	9.80	338.80	316.78
114.99	89.09	51.17	8.71	337.90	315.71	40	115.80	89.90	52.15	9.80	338.89	316.59
114.43	88.21	50.49	8.71	337.98	315.53	39	115.25	89.03	51.47	9.80	338.97	316.41
113.89	87.35	49.83	8.71	338.07	315.34	38	114.71	88.18	50.82	9.80	339.06	316.23
113.35	86.51	49.21	8.71	338.15	315.16	37	114.18	87.35	50.20	9.80	339.15	316.06
112.83	85.70	48.61	8.71	338.23	314.99	36	113.66	86.55	49.60	9.80	339.23	315.88
112.31	84.91	48.04	8.71	338.31	314.82	35	113.14	85.76	49.04	9.80	339.31	315.72
111.80	84.15	47.50	8.71	338.38	314.65	34	112.64	85.00	48.50	9.80	339.39	315.55
111.30	83.40	46.98	8.71	338.46	314.48	33	112.14	84.27	47.98	9.80	339.47	315.39
110.81	82.68	46.48	8.71	338.53	314.31	32	111.66	83.55	47.48	9.80	339.54	315.23
110.32	81.98	46.00	8.71	338.59	314.15	31	111.18	82.85	47.01	9.80	339.61	315.07
109.85	81.30	45.55	8.71	338.66	313.98	30	110.70	82.17	46.56	9.80	339.68	314.91
109.38	80.63	45.12	8.71	338.72	313.82	29	110.24	81.51	46.13	9.80	339.74	314.75
108.91	79.99	44.70	8.71	338.78	313.66	28	109.78	80.87	45.72	9.80	339.80	314.59
108.45	79.36	44.31	8.71	338.83	313.49	27	109.32	80.25	45.32	9.80	339.86	314.42
108.00	78.75	43.93	8.71	338.88	313.33	26	108.87	79.64	44.94	9.80	339.91	314.26
107.55	78.16	43.56	8.71	338.92	313.16	25	108.43	79.06	44.58	9.80	339.95	314.10
107.11	77.58	43.22	8.71	338.97	313.00	24	107.99	78.48	44.23	9.80	340.00	313.94
106.67	77.02	42.88	8.71	339.00	312.83	23	107.55	77.93	43.90	9.80	340.04	313.77
106.24	76.48	42.57	8.71	339.04	312.66	22	107.12	77.39	43.59	9.80	340.07	313.60
105.81	75.95	42.26	8.71	339.06	312.48	21	106.70	76.86	43.28	9.80	340.10	313.43
105.39	75.43	41.97	8.71	339.09	312.31	20	106.28	76.35	42.99	9.80	340.13	313.25
104.97	74.93	41.69	8.71	339.11	312.13	19	105.86	75.85	42.72	9.80	340.15	313.08
104.55	74.45	41.43	8.71	339.12	311.94	18	105.44	75.37	42.45	9.80	340.16	312.90
104.13	73.98	41.17	8.71	339.13	311.76	17	105.03	74.90	42.20	9.80	340.17	312.71
103.72	73.52	40.93	8.71	339.13	311.56	16	104.62	74.44	41.96	9.80	340.18	312.52
103.31	73.07	40.70	8.71	339.13	311.37	15	104.21	74.00	41.73	9.80	340.18	312.33
102.91	72.63	40.48	8.71	339.13	311.17	14	103.81	73.56	41.51	9.80	340.17	312.13
102.50	72.21	40.27	8.71	339.12	310.96	13	103.40	73.14	41.30	9.80	340.16	311.93
102.10	71.80	40.07	8.71	339.10	310.75	12	103.00	72.73	41.10	9.80	340.15	311.72
101.70	71.40	39.88	8.71	339.07	310.54	11	102.61	72.34	40.90	9.80	340.12	311.50
101.30	71.01	39.69	8.71	339.05	310.32	10	102.21	71.95	40.72	9.80	340.10	311.28
100.90	70.63	39.52	8.71	339.01	310.09	9	101.81	71.57	40.55	9.80	340.06	311.06
100.50	70.26	39.36	8.71	338.97	309.86	8	101.42	71.21	40.39	9.80	340.02	310.83
100.11	69.91	39.20	8.71	338.93	309.62	7	101.02	70.85	40.23	9.80	339.98	310.59
99.71	69.56	39.05	8.71	338.87	309.37	6	100.63	70.50	40.08	9.80	339.93	310.34
99.32	69.22	38.91	8.71	338.81	309.12	5	100.23	70.16	39.94	9.80	339.87	310.09
98.92	68.89	38.78	8.71	338.75	308.86	4	99.84	69.83	39.81	9.80	339.80	309.83
98.53	68.56	38.65	8.71	338.68	308.59	3	99.45	69.51	39.69	9.80	339.73	309.56
98.14	68.25	38.54	8.71	338.60	308.31	2	99.06	69.20	39.57	9.80	339.65	309.28
97.74	67.94	38.43	8.71	338.51	308.02	1	98.66	68.90	39.46	9.80	339.57	309.00
97.35	67.65	38.32	8.71	338.42	307.73	0	98.27	68.60	39.35	9.80	339.48	308.70

10° Sternzeit Oh40min						11° Sternzeit Oh44min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
134.72	120.93	87.04	10.88	338.67	325.18	64	135.27	121.42	87.68	11.96	339.45	325.82
133.68	119.23	84.51	10.88	338.59	324.62	63	134.24	119.74	85.18	11.96	339.39	325.28
132.67	117.58	82.12	10.88	338.53	324.09	62	133.25	118.11	82.82	11.96	339.34	324.76
131.69	115.97	79.87	10.88	338.50	323.60	61	132.29	116.52	80.60	11.96	339.32	324.28
130.75	114.40	77.75	10.88	338.48	323.12	60	131.36	114.97	78.50	11.96	339.32	323.82
129.84	112.88	75.75	10.88	338.48	322.68	59	130.46	113.46	76.53	11.96	339.33	323.39
128.95	111.40	73.87	10.88	338.49	322.26	58	129.59	112.00	74.67	11.96	339.35	322.99
128.10	109.95	72.09	10.88	338.52	321.87	57	128.75	110.57	72.91	11.96	339.39	322.60
127.27	108.55	70.42	10.88	338.56	321.49	56	127.93	109.18	71.25	11.96	339.44	322.24
126.46	107.19	68.84	10.88	338.60	321.14	55	127.14	107.83	69.69	11.96	339.49	321.90
125.68	105.86	67.35	10.88	338.66	320.80	54	126.36	106.52	68.22	11.96	339.56	321.57
124.92	104.57	65.94	10.88	338.72	320.49	53	125.61	105.24	66.82	11.96	339.63	321.27
124.18	103.31	64.61	10.88	338.79	320.19	52	124.88	104.00	65.50	11.96	339.71	320.97
123.46	102.09	63.35	10.88	338.87	319.90	51	124.17	102.80	64.26	11.96	339.79	320.70
122.75	100.91	62.16	10.88	338.95	319.63	50	123.48	101.62	63.08	11.96	339.88	320.43
122.07	99.75	61.04	10.88	339.03	319.37	49	122.81	100.48	61.96	11.96	339.97	320.18
121.41	98.63	59.97	10.88	339.12	319.12	48	122.15	99.37	60.90	11.96	340.07	319.94
120.76	97.54	58.95	10.88	339.21	318.88	47	121.51	98.29	59.89	11.96	340.16	319.71
120.12	96.48	57.99	10.88	339.30	318.66	46	120.88	97.24	58.93	11.96	340.26	319.50
119.50	95.45	57.08	10.88	339.40	318.44	45	120.27	96.22	58.03	11.96	340.36	319.29
118.90	94.45	56.21	10.88	339.49	318.23	44	119.68	95.23	57.16	11.96	340.46	319.08
118.31	93.48	55.38	10.88	339.59	318.03	43	119.09	94.26	56.34	11.96	340.56	318.89
117.73	92.53	54.59	10.88	339.68	317.84	42	118.52	93.33	55.56	11.96	340.66	318.70
117.16	91.61	53.85	10.88	339.78	317.65	41	117.96	92.41	54.82	11.96	340.76	318.52
116.60	90.72	53.13	10.88	339.87	317.47	40	117.41	91.53	54.11	11.96	340.86	318.34
116.06	89.85	52.45	10.88	339.97	317.29	39	116.87	90.67	53.43	11.96	340.96	318.17
115.52	89.00	51.80	10.88	340.06	317.12	38	116.34	89.83	52.79	11.96	341.05	318.00
115.00	88.18	51.19	10.88	340.15	316.95	37	115.82	89.02	52.17	11.96	341.14	317.84
114.48	87.39	50.60	10.88	340.23	316.78	36	115.31	88.23	51.58	11.96	341.23	317.68
113.98	86.61	50.03	10.88	340.32	316.62	35	114.81	87.46	51.02	11.96	341.32	317.52
113.48	85.86	49.49	10.88	340.40	316.46	34	114.31	86.71	50.49	11.96	341.41	317.36
112.99	85.12	48.98	10.88	340.48	316.30	33	113.83	85.98	49.98	11.96	341.49	317.21
112.50	84.41	48.49	10.88	340.55	316.14	32	113.35	85.27	49.49	11.96	341.57	317.05
112.03	83.72	48.02	10.88	340.63	315.98	31	112.88	84.59	49.02	11.96	341.64	316.90
111.56	83.05	47.57	10.88	340.70	315.83	30	112.41	83.92	48.57	11.96	341.72	316.75
111.09	82.39	47.14	10.88	340.76	315.67	29	111.95	83.27	48.14	11.96	341.78	316.59
110.64	81.76	46.73	10.88	340.82	315.51	28	111.50	82.64	47.73	11.96	341.85	316.44
110.19	81.14	46.33	10.88	340.88	315.35	27	111.05	82.02	47.34	11.96	341.91	316.28
109.74	80.54	45.96	10.88	340.94	315.20	26	110.61	81.43	46.97	11.96	341.96	316.13
109.30	79.95	45.60	10.88	340.98	315.04	25	110.17	80.85	46.61	11.96	342.02	315.97
108.86	79.38	45.25	10.88	341.03	314.87	24	109.74	80.28	46.26	11.96	342.06	315.81
108.43	78.83	44.92	10.88	341.07	314.71	23	109.31	79.73	45.94	11.96	342.10	315.65
108.01	78.29	44.61	10.88	341.11	314.54	22	108.89	79.20	45.62	11.96	342.14	315.49
107.58	77.77	44.30	10.88	341.14	314.38	21	108.47	78.68	45.32	11.96	342.18	315.32
107.16	77.26	44.01	10.88	341.17	314.20	20	108.05	78.17	45.03	11.96	342.20	315.15
106.75	76.77	43.74	10.88	341.19	314.03	19	107.64	77.68	44.76	11.96	342.23	314.98
106.33	76.29	43.47	10.88	341.20	313.85	18	107.23	77.20	44.49	11.96	342.25	314.80
105.92	75.82	43.22	10.88	341.22	313.67	17	106.82	76.74	44.24	11.96	342.26	314.62
105.52	75.37	42.98	10.88	341.22	313.48	16	106.41	76.29	44.00	11.96	342.27	314.44
105.11	74.92	42.75	10.88	341.22	313.29	15	106.01	75.85	43.77	11.96	342.27	314.25
104.71	74.49	42.53	10.88	341.22	313.09	14	105.61	75.42	43.55	11.96	342.27	314.05
104.31	74.07	42.32	10.88	341.21	312.89	13	105.21	75.00	43.35	11.96	342.26	313.85
103.91	73.67	42.12	10.88	341.20	312.68	12	104.82	74.60	43.15	11.96	342.25	313.65
103.51	73.27	41.93	10.88	341.17	312.47	11	104.42	74.21	42.96	11.96	342.23	313.43
103.12	72.89	41.75	10.88	341.15	312.25	10	104.03	73.82	42.78	11.96	342.20	313.22
102.72	72.51	41.58	10.88	341.12	312.03	9	103.63	73.45	42.60	11.96	342.17	312.99
102.33	72.15	41.41	10.88	341.08	311.79	8	103.24	73.09	42.44	11.96	342.13	312.76
101.94	71.79	41.26	10.88	341.03	311.56	7	102.85	72.73	42.29	11.96	342.09	312.53
101.54	71.44	41.11	10.88	340.98	311.31	6	102.46	72.39	42.14	11.96	342.04	312.28
101.15	71.11	40.97	10.88	340.92	311.06	5	102.07	72.05	42.00	11.96	341.98	312.03
100.76	70.78	40.84	10.88	340.86	310.80	4	101.68	71.72	41.87	11.96	341.92	311.77
100.37	70.46	40.72	10.88	340.79	310.53	3	101.29	71.41	41.74	11.96	341.85	311.51
99.97	70.15	40.60	10.88	340.71	310.26	2	100.90	71.10	41.63	11.96	341.77	311.23
99.58	69.84	40.49	10.88	340.63	309.97	1	100.50	70.79	41.51	11.96	341.68	310.95
99.19	69.55	40.38	10.88	340.53	309.68	0	100.11	70.50	41.41	11.96	341.59	310.65

12° Sternzeit Oh48min						13° Sternzeit Oh52min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
135.82	121.91	88.32	13.04	340.23	326.46	64	136.37	122.40	88.96	14.13	341.01	327.10
134.81	120.25	85.85	13.04	340.18	325.93	63	135.38	120.76	86.52	14.13	340.98	326.58
133.84	118.64	83.52	13.04	340.15	325.43	62	134.42	119.17	84.22	14.13	340.96	326.10
132.89	117.07	81.33	13.04	340.15	324.96	61	133.49	117.62	82.06	14.13	340.97	325.64
131.98	115.54	79.26	13.04	340.15	324.52	60	132.59	116.11	80.01	14.13	340.99	325.22
131.09	114.05	77.31	13.04	340.18	324.10	59	131.72	114.63	78.08	14.13	341.02	324.81
130.23	112.60	75.46	13.04	340.21	323.71	58	130.87	113.20	76.26	14.13	341.07	324.43
129.40	111.19	73.73	13.04	340.26	323.34	57	130.05	111.81	74.54	14.13	341.13	324.07
128.60	109.82	72.09	13.04	340.32	322.99	56	129.26	110.45	72.92	14.13	341.20	323.73
127.81	108.48	70.54	13.04	340.38	322.65	55	128.49	109.13	71.39	14.13	341.27	323.41
127.05	107.18	69.08	13.04	340.46	322.34	54	127.74	107.85	69.94	14.13	341.36	323.11
126.31	105.92	67.70	13.04	340.54	322.04	53	127.01	106.60	68.57	14.13	341.45	322.82
125.59	104.69	66.39	13.04	340.62	321.76	52	126.30	105.38	67.28	14.13	341.54	322.55
124.89	103.50	65.15	13.04	340.72	321.49	51	125.61	104.20	66.05	14.13	341.64	322.29
124.21	102.33	63.98	13.04	340.81	321.24	50	124.94	103.05	64.89	14.13	341.74	322.04
123.55	101.20	62.87	13.04	340.91	321.00	49	124.28	101.93	63.79	14.13	341.85	321.81
122.90	100.10	61.82	13.04	341.01	320.76	48	123.64	100.84	62.74	14.13	341.96	321.59
122.26	99.04	60.82	13.04	341.11	320.54	47	123.01	99.78	61.75	14.13	342.07	321.37
121.65	98.00	59.87	13.04	341.22	320.33	46	122.40	98.75	60.81	14.13	342.18	321.17
121.04	96.99	58.97	13.04	341.32	320.13	45	121.81	97.75	59.92	14.13	342.29	320.97
120.45	96.00	58.12	13.04	341.43	319.93	44	121.22	96.78	59.06	14.13	342.40	320.78
119.87	95.05	57.30	13.04	341.54	319.74	43	120.65	95.83	58.25	14.13	342.51	320.60
119.31	94.12	56.52	13.04	341.64	319.56	42	120.09	94.91	57.48	14.13	342.62	320.42
118.75	93.22	55.78	13.04	341.74	319.39	41	119.55	94.01	56.75	14.13	342.73	320.25
118.21	92.34	55.08	13.04	341.85	319.22	40	119.01	93.14	56.05	14.13	342.83	320.09
117.67	91.48	54.41	13.04	341.95	319.05	39	118.48	92.30	55.38	14.13	342.94	319.93
117.15	90.65	53.77	13.04	342.05	318.89	38	117.96	91.47	54.74	14.13	343.04	319.77
116.64	89.85	53.15	13.04	342.14	318.73	37	117.45	90.67	54.13	14.13	343.14	319.62
116.13	89.06	52.57	13.04	342.24	318.57	36	116.95	89.90	53.55	14.13	343.24	319.46
115.64	88.30	52.01	13.04	342.33	318.42	35	116.46	89.14	53.00	14.13	343.33	319.31
115.15	87.56	51.48	13.04	342.42	318.26	34	115.98	88.40	52.47	14.13	343.42	319.17
114.66	86.84	50.97	13.04	342.50	318.11	33	115.50	87.69	51.96	14.13	343.51	319.02
114.19	86.13	50.48	13.04	342.58	317.96	32	115.03	86.99	51.48	14.13	343.60	318.87
113.72	85.45	50.02	13.04	342.66	317.81	31	114.57	86.31	51.01	14.13	343.68	318.73
113.26	84.79	49.57	13.04	342.73	317.66	30	114.11	85.66	50.57	14.13	343.75	318.58
112.81	84.14	49.15	13.04	342.81	317.52	29	113.66	85.02	50.14	14.13	343.83	318.44
112.36	83.52	48.74	13.04	342.87	317.37	28	113.22	84.39	49.74	14.13	343.90	318.29
111.91	82.91	48.35	13.04	342.93	317.21	27	112.78	83.79	49.35	14.13	343.96	318.14
111.48	82.31	47.97	13.04	342.99	317.06	26	112.34	83.20	48.98	14.13	344.02	317.99
111.04	81.74	47.62	13.04	343.05	316.91	25	111.91	82.63	48.62	14.13	344.08	317.84
110.61	81.18	47.27	13.04	343.09	316.75	24	111.49	82.07	48.28	14.13	344.13	317.69
110.19	80.63	46.95	13.04	343.14	316.59	23	111.06	81.53	47.96	14.13	344.17	317.54
109.77	80.10	46.63	13.04	343.18	316.43	22	110.65	81.00	47.64	14.13	344.22	317.38
109.35	79.58	46.33	13.04	343.21	316.27	21	110.23	80.49	47.35	14.13	344.25	317.22
108.94	79.08	46.05	13.04	343.24	316.10	20	109.82	79.99	47.06	14.13	344.28	317.05
108.53	78.59	45.77	13.04	343.27	315.93	19	109.41	79.50	46.79	14.13	344.31	316.88
108.12	78.12	45.51	13.04	343.29	315.76	18	109.01	79.03	46.53	14.13	344.33	316.71
107.71	77.66	45.26	13.04	343.30	315.58	17	108.61	78.57	46.28	14.13	344.35	316.53
107.31	77.21	45.02	13.04	343.31	315.39	16	108.21	78.13	46.04	14.13	344.36	316.35
106.91	76.77	44.79	13.04	343.32	315.21	15	107.81	77.69	45.81	14.13	344.36	316.17
106.51	76.35	44.57	13.04	343.32	315.01	14	107.41	77.27	45.59	14.13	344.36	315.98
106.12	75.93	44.37	13.04	343.31	314.81	13	107.02	76.86	45.39	14.13	344.36	315.78
105.72	75.53	44.17	13.04	343.30	314.61	12	106.63	76.46	45.19	14.13	344.35	315.58
105.33	75.14	43.98	13.04	343.28	314.40	11	106.23	76.07	45.00	14.13	344.33	315.37
104.94	74.76	43.80	13.04	343.25	314.19	10	105.84	75.69	44.82	14.13	344.30	315.15
104.54	74.38	43.63	13.04	343.22	313.96	9	105.46	75.32	44.65	14.13	344.27	314.93
104.15	74.02	43.46	13.04	343.18	313.73	8	105.07	74.96	44.49	14.13	344.24	314.71
103.76	73.67	43.31	13.04	343.14	313.50	7	104.68	74.61	44.33	14.13	344.20	314.47
103.37	73.33	43.16	13.04	343.09	313.26	6	104.29	74.27	44.19	14.13	344.15	314.23
102.99	72.99	43.02	13.04	343.04	313.01	5	103.90	73.94	44.05	14.13	344.09	313.98
102.60	72.67	42.89	13.04	342.97	312.75	4	103.52	73.61	43.92	14.13	344.03	313.72
102.21	72.35	42.77	13.04	342.90	312.48	3	103.13	73.30	43.79	14.13	343.96	313.46
101.82	72.04	42.65	13.04	342.83	312.21	2	102.74	72.99	43.67	14.13	343.89	313.19
101.43	71.74	42.54	13.04	342.74	311.92	1	102.35	72.69	43.56	14.13	343.80	312.90
101.03	71.45	42.44	13.04	342.65	311.63	0	101.96	72.40	43.46	14.13	343.71	312.61

14° Sternzeit 0h56min						15° Sternzeit 1h 0min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
136.93	122.90	89.59	15.20	341.79	327.74	64	137.48	123.39	90.23	16.28	342.57	328.37
135.95	121.28	87.19	15.20	341.77	327.24	63	136.52	121.79	87.86	16.28	342.57	327.89
135.00	119.70	84.92	15.20	341.77	326.77	62	135.59	120.24	85.62	16.28	342.58	327.44
134.09	118.17	82.78	15.20	341.79	326.33	61	134.68	118.72	83.51	16.28	342.62	327.01
133.20	116.67	80.76	15.20	341.83	325.91	60	133.81	117.24	81.51	16.28	342.66	326.61
132.34	115.22	78.85	15.20	341.87	325.52	59	132.97	115.80	79.62	16.28	342.72	326.23
131.51	113.80	77.05	15.20	341.93	325.15	58	132.15	114.40	77.84	16.28	342.79	325.87
130.70	112.42	75.35	15.20	342.00	324.80	57	131.35	113.04	76.16	16.28	342.87	325.54
129.92	111.08	73.75	15.20	342.08	324.48	56	130.58	111.71	74.57	16.28	342.96	325.22
129.16	109.78	72.23	15.20	342.16	324.17	55	129.83	110.42	73.07	16.28	343.05	324.92
128.42	108.51	70.80	15.20	342.26	323.87	54	129.11	109.17	71.65	16.28	343.15	324.64
127.70	107.27	69.44	15.20	342.35	323.60	53	128.40	107.94	70.31	16.28	343.26	324.37
127.00	106.07	68.16	15.20	342.46	323.33	52	127.71	106.75	69.04	16.28	343.37	324.12
126.32	104.90	66.94	15.20	342.56	323.08	51	127.04	105.59	67.83	16.28	343.49	323.88
125.66	103.76	65.79	15.20	342.67	322.85	50	126.38	104.47	66.69	16.28	343.60	323.65
125.01	102.65	64.70	15.20	342.79	322.62	49	125.74	103.37	65.61	16.28	343.72	323.43
124.38	101.57	63.66	15.20	342.90	322.40	48	125.12	102.30	64.58	16.28	343.84	323.22
123.76	100.52	62.68	15.20	343.02	322.20	47	124.51	101.27	63.60	16.28	343.97	323.03
123.16	99.50	61.74	15.20	343.13	322.00	46	123.92	100.26	62.67	16.28	344.09	322.84
122.57	98.51	60.86	15.20	343.25	321.81	45	123.34	99.27	61.79	16.28	344.21	322.65
122.00	97.55	60.01	15.20	343.36	321.63	44	122.77	98.32	60.95	16.28	344.33	322.48
121.43	96.61	59.21	15.20	343.48	321.46	43	122.21	97.39	60.15	16.28	344.45	322.31
120.88	95.70	58.44	15.20	343.59	321.29	42	121.67	96.49	59.39	16.28	344.57	322.15
120.34	94.81	57.71	15.20	343.71	321.12	41	121.13	95.61	58.67	16.28	344.69	321.99
119.81	93.95	57.01	15.20	343.82	320.96	40	120.61	94.75	57.97	16.28	344.80	321.83
119.29	93.11	56.35	15.20	343.93	320.81	39	120.09	93.92	57.31	16.28	344.92	321.68
118.77	92.29	55.71	15.20	344.03	320.65	38	119.58	93.11	56.68	16.28	345.03	321.54
118.27	91.50	55.11	15.20	344.14	320.50	37	119.09	92.32	56.08	16.28	345.14	321.39
117.78	90.73	54.53	15.20	344.24	320.36	36	118.60	91.56	55.51	16.28	345.24	321.25
117.29	89.98	53.98	15.20	344.34	320.21	35	118.12	90.81	54.96	16.28	345.34	321.11
116.81	89.25	53.45	15.20	344.43	320.07	34	117.64	90.09	54.43	16.28	345.44	320.97
116.34	88.54	52.95	15.20	344.52	319.93	33	117.17	89.39	53.93	16.28	345.53	320.83
115.87	87.85	52.47	15.20	344.61	319.79	32	116.71	88.70	53.45	16.28	345.62	320.70
115.42	87.18	52.00	15.20	344.69	319.64	31	116.26	88.03	52.99	16.28	345.71	320.56
114.96	86.52	51.56	15.20	344.77	319.50	30	115.81	87.39	52.56	16.28	345.79	320.42
114.52	85.89	51.14	15.20	344.85	319.36	29	115.37	86.76	52.13	16.28	345.87	320.28
114.08	85.27	50.74	15.20	344.92	319.22	28	114.93	86.14	51.73	16.28	345.94	320.14
113.64	84.67	50.35	15.20	344.99	319.07	27	114.50	85.55	51.35	16.28	346.01	320.00
113.21	84.08	49.98	15.20	345.05	318.93	26	114.07	84.97	50.98	16.28	346.08	319.86
112.78	83.51	49.63	15.20	345.11	318.78	25	113.65	84.40	50.63	16.28	346.14	319.72
112.36	82.96	49.29	15.20	345.16	318.63	24	113.23	83.85	50.29	16.28	346.19	319.57
111.94	82.42	48.96	15.20	345.21	318.48	23	112.82	83.32	49.97	16.28	346.24	319.42
111.53	81.90	48.65	15.20	345.25	318.32	22	112.40	82.80	49.66	16.28	346.29	319.27
111.12	81.39	48.35	15.20	345.29	318.16	21	112.00	82.29	49.36	16.28	346.33	319.11
110.71	80.90	48.07	15.20	345.32	318.00	20	111.59	81.80	49.08	16.28	346.36	318.95
110.30	80.41	47.80	15.20	345.35	317.84	19	111.19	81.32	48.81	16.28	346.39	318.79
109.90	79.95	47.54	15.20	345.38	317.67	18	110.79	80.86	48.55	16.28	346.42	318.62
109.50	79.49	47.29	15.20	345.39	317.49	17	110.39	80.40	48.30	16.28	346.44	318.45
109.10	79.05	47.05	15.20	345.40	317.31	16	110.00	79.96	48.06	16.28	346.45	318.27
108.71	78.61	46.83	15.20	345.41	317.13	15	109.61	79.53	47.84	16.28	346.46	318.09
108.31	78.19	46.61	15.20	345.41	316.94	14	109.22	79.11	47.62	16.28	346.46	317.90
107.92	77.78	46.40	15.20	345.41	316.74	13	108.83	78.71	47.42	16.28	346.46	317.71
107.53	77.39	46.20	15.20	345.40	316.54	12	108.44	78.31	47.22	16.28	346.45	317.51
107.14	77.00	46.02	15.20	345.38	316.34	11	108.05	77.93	47.03	16.28	346.43	317.31
106.75	76.62	45.84	15.20	345.36	316.12	10	107.66	77.55	46.85	16.28	346.41	317.10
106.37	76.25	45.67	15.20	345.33	315.91	9	107.28	77.19	46.68	16.28	346.38	316.88
105.98	75.90	45.51	15.20	345.29	315.68	8	106.89	76.83	46.52	16.28	346.35	316.65
105.59	75.55	45.35	15.20	345.25	315.45	7	106.51	76.48	46.37	16.28	346.31	316.42
105.21	75.21	45.21	15.20	345.20	315.21	6	106.13	76.15	46.22	16.28	346.26	316.18
104.82	74.88	45.07	15.20	345.15	314.96	5	105.74	75.82	46.09	16.28	346.21	315.94
104.44	74.55	44.94	15.20	345.09	314.70	4	105.36	75.50	45.96	16.28	346.15	315.68
104.05	74.24	44.81	15.20	345.02	314.44	3	104.97	75.18	45.83	16.28	346.08	315.42
103.66	73.93	44.70	15.20	344.95	314.17	2	104.59	74.88	45.72	16.28	346.01	315.15
103.27	73.63	44.59	15.20	344.86	313.88	1	104.20	74.58	45.61	16.28	345.93	314.87
102.88	73.34	44.48	15.20	344.78	313.59	0	103.81	74.29	45.50	16.28	345.84	314.58

16° Sternzeit 1h 4min						17° Sternzeit 1h 8min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
138.03	123.89	90.87	17.36	343.35	329.01	64	138.58	124.39	91.51	18.43	344.13	329.65
137.08	122.31	88.53	17.36	343.36	328.54	63	137.65	122.83	89.20	18.43	344.16	329.20
136.17	120.77	86.32	17.36	343.39	328.10	62	136.75	121.30	87.02	18.43	344.21	328.77
135.28	119.27	84.23	17.36	343.44	327.69	61	135.88	119.82	84.95	18.43	344.26	328.37
134.42	117.81	82.26	17.36	343.50	327.30	60	135.04	118.38	83.00	18.43	344.33	328.00
133.59	116.39	80.39	17.36	343.57	326.94	59	134.22	116.97	81.16	18.43	344.42	327.65
132.79	115.01	78.63	17.36	343.65	326.59	58	133.42	115.61	79.42	18.43	344.51	327.31
132.00	113.66	76.97	17.36	343.74	326.27	57	132.65	114.27	77.77	18.43	344.61	327.00
131.24	112.34	75.40	17.36	343.84	325.96	56	131.91	112.98	76.22	18.43	344.72	326.71
130.51	111.07	73.91	17.36	343.94	325.68	55	131.18	111.71	74.74	18.43	344.83	326.43
129.79	109.82	72.50	17.36	344.05	325.40	54	130.47	110.48	73.35	18.43	344.95	326.17
129.09	108.61	71.17	17.36	344.17	325.15	53	129.78	109.28	72.03	18.43	345.08	325.92
128.41	107.44	69.91	17.36	344.29	324.90	52	129.11	108.12	70.78	18.43	345.20	325.69
127.75	106.29	68.72	17.36	344.41	324.67	51	128.46	106.98	69.60	18.43	345.33	325.46
127.11	105.17	67.59	17.36	344.53	324.45	50	127.83	105.88	68.48	18.43	345.46	325.25
126.48	104.09	66.51	17.36	344.66	324.24	49	127.21	104.81	67.41	18.43	345.60	325.05
125.86	103.03	65.49	17.36	344.79	324.04	48	126.60	103.76	66.40	18.43	345.73	324.86
125.26	102.01	64.52	17.36	344.92	323.85	47	126.01	102.74	65.44	18.43	345.87	324.68
124.67	101.01	63.60	17.36	345.04	323.67	46	125.43	101.75	64.52	18.43	346.00	324.50
124.10	100.03	62.72	17.36	345.17	323.49	45	124.86	100.79	63.65	18.43	346.13	324.33
123.54	99.09	61.89	17.36	345.30	323.33	44	124.31	99.85	62.83	18.43	346.27	324.17
122.99	98.17	61.10	17.36	345.42	323.16	43	123.76	98.94	62.04	18.43	346.40	324.02
122.45	97.27	60.34	17.36	345.55	323.01	42	123.23	98.05	61.29	18.43	346.53	323.86
121.92	96.40	59.62	17.36	345.67	322.85	41	122.71	97.19	60.57	18.43	346.65	323.72
121.40	95.55	58.93	17.36	345.79	322.71	40	122.20	96.35	59.89	18.43	346.78	323.58
120.89	94.73	58.28	17.36	345.91	322.56	39	121.69	95.53	59.24	18.43	346.90	323.44
120.39	93.93	57.65	17.36	346.02	322.42	38	121.20	94.74	58.61	18.43	347.02	323.30
119.90	93.15	57.05	17.36	346.13	322.28	37	120.71	93.97	58.02	18.43	347.13	323.17
119.42	92.39	56.48	17.36	346.24	322.14	36	120.23	93.21	57.45	18.43	347.24	323.04
118.94	91.65	55.94	17.36	346.35	322.01	35	119.76	92.48	56.91	18.43	347.35	322.91
118.47	90.93	55.41	17.36	346.45	321.87	34	119.30	91.77	56.39	18.43	347.46	322.78
118.01	90.23	54.91	17.36	346.54	321.74	33	118.84	91.08	55.89	18.43	347.56	322.65
117.55	89.55	54.44	17.36	346.64	321.61	32	118.39	90.40	55.42	18.43	347.65	322.52
117.10	88.89	53.98	17.36	346.73	321.47	31	117.95	89.75	54.96	18.43	347.74	322.39
116.66	88.25	53.54	17.36	346.81	321.34	30	117.51	89.11	54.53	18.43	347.83	322.26
116.22	87.62	53.13	17.36	346.89	321.21	29	117.07	88.49	54.11	18.43	347.91	322.13
115.79	87.01	52.73	17.36	346.97	321.07	28	116.64	87.88	53.71	18.43	347.99	322.00
115.36	86.42	52.34	17.36	347.04	320.93	27	116.22	87.30	53.33	18.43	348.07	321.86
114.94	85.85	51.98	17.36	347.11	320.79	26	115.80	86.72	52.97	18.43	348.14	321.73
114.52	85.29	51.62	17.36	347.17	320.65	25	115.39	86.17	52.62	18.43	348.20	321.59
114.10	84.74	51.29	17.36	347.23	320.51	24	114.97	85.63	52.28	18.43	348.26	321.45
113.69	84.21	50.97	17.36	347.28	320.36	23	114.57	85.10	51.96	18.43	348.31	321.30
113.28	83.69	50.66	17.36	347.33	320.21	22	114.16	84.59	51.66	18.43	348.36	321.16
112.88	83.19	50.36	17.36	347.37	320.06	21	113.76	84.09	51.36	18.43	348.41	321.01
112.48	82.70	50.08	17.36	347.40	319.90	20	113.36	83.60	51.08	18.43	348.44	320.85
112.08	82.23	49.81	17.36	347.44	319.74	19	112.97	83.13	50.82	18.43	348.48	320.70
111.68	81.76	49.55	17.36	347.46	319.58	18	112.57	82.67	50.56	18.43	348.50	320.53
111.29	81.31	49.31	17.36	347.48	319.41	17	112.18	82.22	50.31	18.43	348.53	320.37
110.90	80.88	49.07	17.36	347.50	319.23	16	111.79	81.79	50.08	18.43	348.54	320.19
110.51	80.45	48.85	17.36	347.51	319.05	15	111.40	81.37	49.85	18.43	348.55	320.02
110.12	80.03	48.63	17.36	347.51	318.87	14	111.02	80.95	49.64	18.43	348.56	319.83
109.73	79.63	48.43	17.36	347.51	318.68	13	110.63	80.55	49.44	18.43	348.56	319.64
109.34	79.24	48.23	17.36	347.50	318.48	12	110.25	80.16	49.24	18.43	348.55	319.45
108.96	78.85	48.04	17.36	347.48	318.28	11	109.87	79.78	49.05	18.43	348.54	319.25
108.58	78.48	47.87	17.36	347.46	318.07	10	109.49	79.41	48.88	18.43	348.52	319.04
108.19	78.12	47.70	17.36	347.44	317.85	9	109.11	79.05	48.71	18.43	348.49	318.83
107.81	77.76	47.54	17.36	347.40	317.63	8	108.72	78.70	48.55	18.43	348.46	318.61
107.43	77.42	47.38	17.36	347.37	317.40	7	108.34	78.35	48.40	18.43	348.42	318.38
107.04	77.08	47.24	17.36	347.32	317.16	6	107.96	78.02	48.25	18.43	348.38	318.14
106.66	76.76	47.10	17.36	347.27	316.92	5	107.58	77.69	48.12	18.43	348.32	317.90
106.28	76.44	46.97	17.36	347.21	316.66	4	107.20	77.38	47.99	18.43	348.27	317.65
105.89	76.13	46.85	17.36	347.14	316.40	3	106.82	77.07	47.86	18.43	348.20	317.39
105.51	75.82	46.73	17.36	347.07	316.13	2	106.44	76.76	47.75	18.43	348.13	317.12
105.12	75.53	46.62	17.36	346.99	315.85	1	106.05	76.47	47.64	18.43	348.05	316.84
104.74	75.24	46.52	17.36	346.90	315.56	0	105.67	76.18	47.54	18.43	347.96	316.55

18° Sternzeit 1h12min						19° Sternzeit 1h16min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
139.14	124.88	92.15	19.50	344.92	330.29	64	139.69	125.39	92.79	20.57	345.70	330.92
138.22	123.34	89.87	19.50	344.96	329.85	63	138.79	123.86	90.54	20.57	345.75	330.50
137.34	121.84	87.71	19.50	345.02	329.44	62	137.92	122.38	88.41	20.57	345.83	330.11
136.48	120.38	85.67	19.50	345.09	329.05	61	137.07	120.93	86.39	20.57	345.91	329.74
135.65	118.95	83.74	19.50	345.17	328.69	60	136.26	119.52	84.49	20.57	346.01	329.39
134.84	117.56	81.92	19.50	345.26	328.35	59	135.46	118.15	82.69	20.57	346.11	329.06
134.06	116.21	80.20	19.50	345.37	328.03	58	134.70	116.81	80.98	20.57	346.23	328.75
133.30	114.89	78.57	19.50	345.48	327.73	57	133.95	115.50	79.37	20.57	346.35	328.46
132.57	113.61	77.03	19.50	345.60	327.45	56	133.22	114.24	77.85	20.57	346.48	328.19
131.85	112.36	75.58	19.50	345.72	327.18	55	132.52	113.00	76.41	20.57	346.61	327.94
131.15	111.14	74.20	19.50	345.85	326.93	54	131.83	111.80	75.04	20.57	346.75	327.69
130.48	109.95	72.89	19.50	345.98	326.69	53	131.17	110.62	73.75	20.57	346.89	327.47
129.82	108.80	71.65	19.50	346.12	326.47	52	130.52	109.48	72.52	20.57	347.03	327.25
129.17	107.68	70.48	19.50	346.26	326.25	51	129.88	108.37	71.36	20.57	347.18	327.05
128.55	106.59	69.37	19.50	346.39	326.05	50	129.27	107.29	70.25	20.57	347.32	326.85
127.93	105.52	68.31	19.50	346.53	325.86	49	128.67	106.24	69.20	20.57	347.47	326.67
127.34	104.49	67.31	19.50	346.68	325.68	48	128.07	105.21	68.21	20.57	347.62	326.49
126.75	103.48	66.35	19.50	346.82	325.50	47	127.50	104.22	67.26	20.57	347.77	326.32
126.18	102.50	65.44	19.50	346.96	325.33	46	126.93	103.25	66.36	20.57	347.91	326.16
125.62	101.55	64.58	19.50	347.09	325.17	45	126.38	102.30	65.50	20.57	348.06	326.01
125.07	100.62	63.76	19.50	347.23	325.02	44	125.84	101.38	64.69	20.57	348.20	325.86
124.54	99.72	62.98	19.50	347.37	324.87	43	125.31	100.49	63.91	20.57	348.34	325.72
124.01	98.84	62.23	19.50	347.50	324.72	42	124.79	99.62	63.17	20.57	348.48	325.58
123.50	97.98	61.52	19.50	347.63	324.58	41	124.28	98.77	62.46	20.57	348.61	325.45
122.99	97.15	60.84	19.50	347.76	324.45	40	123.78	97.94	61.79	20.57	348.75	325.32
122.49	96.34	60.19	19.50	347.89	324.31	39	123.29	97.14	61.14	20.57	348.88	325.19
122.01	95.55	59.57	19.50	348.01	324.18	38	122.81	96.36	60.53	20.57	349.00	325.06
121.52	94.78	58.98	19.50	348.13	324.05	37	122.34	95.60	59.94	20.57	349.12	324.94
121.05	94.04	58.42	19.50	348.24	323.93	36	121.87	94.86	59.38	20.57	349.24	324.82
120.59	93.31	57.88	19.50	348.35	323.80	35	121.41	94.14	58.84	20.57	349.36	324.70
120.13	92.61	57.36	19.50	348.46	323.68	34	120.95	93.44	58.33	20.57	349.47	324.58
119.68	91.92	56.87	19.50	348.57	323.55	33	120.51	92.76	57.84	20.57	349.58	324.46
119.23	91.25	56.40	19.50	348.67	323.43	32	120.07	92.10	57.37	20.57	349.68	324.34
118.79	90.60	55.94	19.50	348.76	323.30	31	119.63	91.45	56.92	20.57	349.78	324.22
118.35	89.97	55.51	19.50	348.85	323.18	30	119.20	90.82	56.49	20.57	349.87	324.10
117.92	89.35	55.10	19.50	348.94	323.05	29	118.77	90.21	56.08	20.57	349.96	323.97
117.50	88.75	54.70	19.50	349.02	322.92	28	118.35	89.62	55.69	20.57	350.04	323.85
117.08	88.17	54.32	19.50	349.09	322.79	27	117.94	89.04	55.31	20.57	350.12	323.72
116.66	87.60	53.96	19.50	349.16	322.66	26	117.53	88.48	54.95	20.57	350.19	323.59
116.25	87.05	53.61	19.50	349.23	322.53	25	117.12	87.93	54.60	20.57	350.26	323.46
115.84	86.51	53.28	19.50	349.29	322.39	24	116.72	87.40	54.27	20.57	350.32	323.33
115.44	85.99	52.96	19.50	349.35	322.25	23	116.31	86.88	53.95	20.57	350.38	323.19
115.04	85.48	52.65	19.50	349.40	322.10	22	115.92	86.37	53.65	20.57	350.43	323.05
114.64	84.99	52.36	19.50	349.44	321.96	21	115.52	85.88	53.36	20.57	350.48	322.91
114.25	84.50	52.08	19.50	349.48	321.81	20	115.13	85.40	53.08	20.57	350.52	322.76
113.85	84.03	51.82	19.50	349.52	321.65	19	114.74	84.94	52.81	20.57	350.56	322.60
113.46	83.58	51.56	19.50	349.55	321.49	18	114.35	84.48	52.56	20.57	350.59	322.45
113.07	83.13	51.32	19.50	349.57	321.33	17	113.97	84.04	52.32	20.57	350.62	322.29
112.69	82.70	51.08	19.50	349.59	321.16	16	113.58	83.61	52.08	20.57	350.64	322.12
112.30	82.28	50.86	19.50	349.60	320.98	15	113.20	83.19	51.86	20.57	350.65	321.95
111.92	81.87	50.65	19.50	349.61	320.80	14	112.82	82.79	51.65	20.57	350.66	321.77
111.54	81.47	50.44	19.50	349.61	320.61	13	112.44	82.39	51.45	20.57	350.66	321.58
111.16	81.08	50.25	19.50	349.60	320.42	12	112.07	82.01	51.25	20.57	350.65	321.39
110.78	80.71	50.06	19.50	349.59	320.22	11	111.69	81.63	51.07	20.57	350.64	321.20
110.40	80.34	49.89	19.50	349.57	320.02	10	111.31	81.26	50.89	20.57	350.62	320.99
110.02	79.98	49.72	19.50	349.55	319.80	9	110.93	80.91	50.73	20.57	350.60	320.78
109.64	79.63	49.56	19.50	349.52	319.58	8	110.56	80.56	50.57	20.57	350.57	320.56
109.26	79.29	49.41	19.50	349.48	319.36	7	110.18	80.22	50.42	20.57	350.53	320.34
108.88	78.96	49.26	19.50	349.43	319.12	6	109.81	79.89	50.27	20.57	350.49	320.11
108.50	78.63	49.13	19.50	349.38	318.88	5	109.43	79.57	50.14	20.57	350.44	319.87
108.13	78.32	49.00	19.50	349.33	318.63	4	109.05	79.25	50.01	20.57	350.38	319.62
107.75	78.01	48.88	19.50	349.26	318.37	3	108.67	78.95	49.89	20.57	350.32	319.36
107.36	77.71	48.76	19.50	349.19	318.10	2	108.29	78.65	49.77	20.57	350.25	319.09
106.98	77.41	48.65	19.50	349.11	317.83	1	107.91	78.36	49.66	20.57	350.17	318.82
106.60	77.13	48.55	19.50	349.02	317.54	0	107.53	78.07	49.56	20.57	350.09	318.53

20° Sternzeit 1h20min						21° Sternzeit 1h24min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
140.25	125.89	93.43	21.64	346.48	331.56	64	140.80	126.39	94.07	22.71	347.26	332.20
139.36	124.38	91.21	21.64	346.55	331.16	63	139.93	124.90	91.88	22.71	347.35	331.81
138.50	122.91	89.10	21.64	346.64	330.77	62	139.09	123.45	89.80	22.71	347.45	331.44
137.67	121.48	87.11	21.64	346.73	330.42	61	138.27	122.04	87.83	22.71	347.56	331.10
136.87	120.09	85.23	21.64	346.84	330.08	60	137.48	120.66	85.97	22.71	347.68	330.77
136.09	118.73	83.45	21.64	346.96	329.77	59	136.71	119.32	84.21	22.71	347.81	330.47
135.33	117.41	81.76	21.64	347.09	329.47	58	135.97	118.01	82.54	22.71	347.94	330.19
134.60	116.12	80.17	21.64	347.22	329.19	57	135.24	116.74	80.96	22.71	348.09	329.92
133.88	114.87	78.66	21.64	347.36	328.93	56	134.54	115.49	79.47	22.71	348.24	329.67
133.19	113.64	77.23	21.64	347.50	328.69	55	133.86	114.29	78.06	22.71	348.39	329.44
132.51	112.45	75.88	21.64	347.65	328.46	54	133.19	113.11	76.72	22.71	348.54	329.22
131.86	111.29	74.60	21.64	347.79	328.24	53	132.55	111.96	75.45	22.71	348.70	329.01
131.22	110.16	73.38	21.64	347.95	328.03	52	131.92	110.84	74.24	22.71	348.86	328.81
130.59	109.07	72.23	21.64	348.10	327.84	51	131.30	109.76	73.10	22.71	349.02	328.63
129.98	108.00	71.14	21.64	348.25	327.65	50	130.70	108.70	72.02	22.71	349.18	328.45
129.39	106.95	70.10	21.64	348.41	327.47	49	130.11	107.67	70.98	22.71	349.34	328.28
128.81	105.94	69.11	21.64	348.56	327.31	48	129.54	106.66	70.00	22.71	349.50	328.12
128.24	104.95	68.17	21.64	348.71	327.15	47	128.98	105.69	69.07	22.71	349.66	327.97
127.68	103.99	67.28	21.64	348.87	326.99	46	128.43	104.73	68.19	22.71	349.82	327.82
127.14	103.06	66.42	21.64	349.02	326.85	45	127.90	103.81	67.34	22.71	349.98	327.68
126.61	102.14	65.61	21.64	349.16	326.71	44	127.37	102.91	66.54	22.71	350.13	327.55
126.09	101.26	64.84	21.64	349.31	326.57	43	126.86	102.03	65.77	22.71	350.28	327.42
125.57	100.40	64.11	21.64	349.45	326.44	42	126.35	101.17	65.04	22.71	350.43	327.30
125.07	99.56	63.40	21.64	349.59	326.31	41	125.86	100.34	64.34	22.71	350.57	327.17
124.58	98.74	62.73	21.64	349.73	326.19	40	125.37	99.53	63.68	22.71	350.71	327.06
124.09	97.94	62.09	21.64	349.86	326.06	39	124.89	98.74	63.04	22.71	350.85	326.94
123.61	97.17	61.48	21.64	349.99	325.94	38	124.42	97.98	62.43	22.71	350.99	326.82
123.15	96.42	60.90	21.64	350.12	325.83	37	123.96	97.23	61.85	22.71	351.12	326.71
122.68	95.68	60.34	21.64	350.24	325.71	36	123.50	96.50	61.30	22.71	351.24	326.60
122.23	94.97	59.81	21.64	350.36	325.59	35	123.05	95.80	60.77	22.71	351.37	326.49
121.78	94.28	59.30	21.64	350.48	325.48	34	122.61	95.11	60.26	22.71	351.48	326.38
121.34	93.60	58.81	21.64	350.59	325.36	33	122.17	94.44	59.78	22.71	351.60	326.27
120.90	92.94	58.34	21.64	350.69	325.25	32	121.74	93.79	59.31	22.71	351.70	326.16
120.47	92.30	57.90	21.64	350.79	325.13	31	121.31	93.15	58.87	22.71	351.81	326.05
120.05	91.68	57.47	21.64	350.89	325.01	30	120.89	92.53	58.44	22.71	351.90	325.93
119.62	91.07	57.06	21.64	350.98	324.90	29	120.47	91.93	58.03	22.71	352.00	325.82
119.21	90.48	56.67	21.64	351.06	324.77	28	120.06	91.35	57.64	22.71	352.09	325.70
118.80	89.91	56.29	21.64	351.14	324.65	27	119.66	90.78	57.27	22.71	352.17	325.58
118.39	89.35	55.93	21.64	351.22	324.53	26	119.25	90.22	56.91	22.71	352.25	325.46
117.99	88.81	55.59	21.64	351.29	324.40	25	118.85	89.68	56.57	22.71	352.32	325.34
117.59	88.28	55.26	21.64	351.36	324.27	24	118.46	89.16	56.24	22.71	352.39	325.21
117.19	87.76	54.94	21.64	351.42	324.13	23	118.06	88.65	55.93	22.71	352.45	325.08
116.79	87.26	54.64	21.64	351.47	324.00	22	117.67	88.15	55.63	22.71	352.51	324.94
116.40	86.77	54.35	21.64	351.52	323.86	21	117.28	87.67	55.34	22.71	352.56	324.81
116.01	86.30	54.07	21.64	351.56	323.71	20	116.90	87.19	55.06	22.71	352.60	324.66
115.63	85.84	53.81	21.64	351.60	323.56	19	116.52	86.74	54.80	22.71	352.64	324.52
115.24	85.39	53.56	21.64	351.63	323.41	18	116.14	86.29	54.55	22.71	352.68	324.36
114.86	84.95	53.31	21.64	351.66	323.25	17	115.76	85.85	54.31	22.71	352.70	324.21
114.48	84.52	53.08	21.64	351.68	323.08	16	115.38	85.43	54.08	22.71	352.73	324.05
114.10	84.11	52.86	21.64	351.70	322.91	15	115.00	85.02	53.86	22.71	352.74	323.88
113.73	83.70	52.65	21.64	351.70	322.74	14	114.63	84.62	53.65	22.71	352.75	323.70
113.35	83.31	52.45	21.64	351.71	322.55	13	114.25	84.23	53.45	22.71	352.76	323.52
112.97	82.93	52.25	21.64	351.70	322.36	12	113.88	83.85	53.25	22.71	352.75	323.34
112.60	82.55	52.07	21.64	351.69	322.17	11	113.51	83.48	53.07	22.71	352.75	323.15
112.22	82.19	51.90	21.64	351.68	321.97	10	113.14	83.11	52.90	22.71	352.73	322.95
111.85	81.83	51.73	21.64	351.66	321.76	9	112.77	82.76	52.73	22.71	352.71	322.74
111.48	81.49	51.57	21.64	351.63	321.54	8	112.39	82.42	52.57	22.71	352.68	322.53
111.10	81.15	51.42	21.64	351.59	321.32	7	112.02	82.09	52.42	22.71	352.65	322.30
110.73	80.83	51.28	21.64	351.55	321.09	6	111.65	81.76	52.28	22.71	352.61	322.08
110.35	80.51	51.14	21.64	351.50	320.85	5	111.28	81.44	52.15	22.71	352.56	321.84
109.98	80.19	51.02	21.64	351.44	320.60	4	110.91	81.13	52.02	22.71	352.50	321.59
109.60	79.89	50.89	21.64	351.38	320.35	3	110.53	80.83	51.90	22.71	352.44	321.34
109.22	79.59	50.78	21.64	351.31	320.10	2	110.16	80.53	51.79	22.71	352.37	321.07
108.84	79.30	50.67	21.64	351.23	319.81	1	109.78	80.25	51.68	22.71	352.30	320.80
108.46	79.02	50.57	21.64	351.15	319.52	0	109.40	79.96	51.58	22.71	352.21	320.52

22° Sternzeit 1h28min						23° Sternzeit 1h32min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
141.35	126.89	94.71	23.77	348.04	332.84	64	141.91	127.40	95.35	24.83	348.83	333.48
140.50	125.42	92.54	23.77	348.14	332.46	63	141.07	125.95	93.21	24.83	348.94	333.11
139.67	123.99	90.49	23.77	348.26	332.11	62	140.25	124.53	91.18	24.83	349.07	332.77
138.87	122.59	88.55	23.77	348.38	331.78	61	139.46	123.15	89.26	24.83	349.20	332.46
138.09	121.23	86.71	23.77	348.51	331.47	60	138.70	121.80	87.44	24.83	349.35	332.16
137.33	119.90	84.97	23.77	348.66	331.18	59	137.96	120.49	85.72	24.83	349.50	331.88
136.60	118.61	83.32	23.77	348.80	330.91	58	137.24	119.21	84.09	24.83	349.66	331.62
135.89	117.35	81.76	23.77	348.96	330.65	57	136.54	117.97	82.55	24.83	349.83	331.38
135.20	116.12	80.28	23.77	349.11	330.41	56	135.86	116.75	81.08	24.83	349.99	331.15
134.53	114.93	78.88	23.77	349.28	330.19	55	135.19	115.57	79.70	24.83	350.16	330.94
133.87	113.76	77.55	23.77	349.44	329.98	54	134.55	114.42	78.39	24.83	350.34	330.74
133.24	112.63	76.29	23.77	349.61	329.78	53	133.92	113.30	77.14	24.83	350.51	330.55
132.61	111.52	75.10	23.77	349.77	329.59	52	133.31	112.20	75.96	24.83	350.69	330.37
132.01	110.45	73.97	23.77	349.94	329.41	51	132.72	111.14	74.83	24.83	350.86	330.20
131.42	109.40	72.89	23.77	350.11	329.25	50	132.13	110.10	73.77	24.83	351.04	330.04
130.84	108.38	71.87	23.77	350.28	329.09	49	131.56	109.09	72.75	24.83	351.21	329.89
130.28	107.39	70.90	23.77	350.45	328.94	48	131.01	108.11	71.79	24.83	351.39	329.75
129.72	106.42	69.97	23.77	350.61	328.79	47	130.46	107.15	70.87	24.83	351.56	329.61
129.18	105.48	69.09	23.77	350.77	328.65	46	129.93	106.22	70.00	24.83	351.73	329.48
128.65	104.56	68.26	23.77	350.94	328.52	45	129.41	105.31	69.17	24.83	351.89	329.36
128.14	103.67	67.46	23.77	351.09	328.39	44	128.90	104.42	68.37	24.83	352.06	329.24
127.63	102.80	66.70	23.77	351.25	328.27	43	128.40	103.56	67.62	24.83	352.22	329.12
127.13	101.95	65.97	23.77	351.40	328.15	42	127.91	102.72	66.90	24.83	352.38	329.01
126.64	101.13	65.28	23.77	351.55	328.04	41	127.42	101.91	66.21	24.83	352.53	328.90
126.16	100.32	64.62	23.77	351.70	327.92	40	126.95	101.11	65.55	24.83	352.68	328.79
125.69	99.54	63.98	23.77	351.84	327.81	39	126.48	100.34	64.92	24.83	352.83	328.69
125.22	98.78	63.38	23.77	351.98	327.70	38	126.02	99.59	64.33	24.83	352.97	328.58
124.76	98.04	62.80	23.77	352.11	327.60	37	125.57	98.85	63.75	24.83	353.11	328.48
124.31	97.32	62.25	23.77	352.24	327.49	36	125.13	98.14	63.20	24.83	353.24	328.38
123.87	96.62	61.73	23.77	352.37	327.39	35	124.69	97.44	62.68	24.83	353.37	328.28
123.43	95.94	61.22	23.77	352.49	327.28	34	124.26	96.77	62.18	24.83	353.49	328.18
123.00	95.27	60.74	23.77	352.60	327.17	33	123.83	96.11	61.70	24.83	353.61	328.08
122.57	94.63	60.28	23.77	352.71	327.07	32	123.41	95.47	61.24	24.83	353.73	327.98
122.15	94.00	59.84	23.77	352.82	326.96	31	122.99	94.84	60.80	24.83	353.84	327.87
121.73	93.39	59.41	23.77	352.92	326.85	30	122.58	94.24	60.38	24.83	353.94	327.77
121.32	92.79	59.01	23.77	353.02	326.74	29	122.17	93.65	59.98	24.83	354.04	327.66
120.92	92.21	58.62	23.77	353.11	326.63	28	121.77	93.07	59.59	24.83	354.13	327.55
120.51	91.64	58.25	23.77	353.19	326.51	27	121.37	92.51	59.22	24.83	354.22	327.44
120.11	91.09	57.89	23.77	353.27	326.39	26	120.98	91.96	58.87	24.83	354.30	327.33
119.72	90.56	57.55	23.77	353.35	326.27	25	120.58	91.43	58.53	24.83	354.38	327.21
119.33	90.04	57.22	23.77	353.42	326.15	24	120.19	90.92	58.20	24.83	354.45	327.09
118.94	89.53	56.91	23.77	353.48	326.02	23	119.81	90.41	57.89	24.83	354.52	326.97
118.55	89.04	56.61	23.77	353.54	325.89	22	119.43	89.92	57.60	24.83	354.58	326.84
118.17	88.56	56.33	23.77	353.59	325.76	21	119.05	89.45	57.31	24.83	354.63	326.71
117.78	88.09	56.05	23.77	353.64	325.62	20	118.67	88.98	57.04	24.83	354.68	326.57
117.40	87.63	55.79	23.77	353.68	325.47	19	118.29	88.53	56.78	24.83	354.72	326.43
117.03	87.19	55.54	23.77	353.72	325.32	18	117.92	88.09	56.53	24.83	354.76	326.28
116.65	86.76	55.30	23.77	353.75	325.17	17	117.55	87.66	56.29	24.83	354.79	326.13
116.28	86.34	55.07	23.77	353.77	325.01	16	117.18	87.25	56.06	24.83	354.82	325.98
115.90	85.93	54.85	23.77	353.79	324.84	15	116.81	86.84	55.84	24.83	354.83	325.81
115.53	85.53	54.64	23.77	353.80	324.67	14	116.44	86.44	55.63	24.83	354.85	325.64
115.16	85.14	54.44	23.77	353.81	324.50	13	116.07	86.06	55.44	24.83	354.85	325.47
114.79	84.77	54.25	23.77	353.80	324.31	12	115.70	85.68	55.25	24.83	354.85	325.29
114.42	84.40	54.07	23.77	353.80	324.12	11	115.34	85.32	55.07	24.83	354.85	325.10
114.05	84.04	53.90	23.77	353.78	323.93	10	114.97	84.96	54.89	24.83	354.84	324.91
113.68	83.69	53.73	23.77	353.76	323.72	9	114.60	84.62	54.73	24.83	354.82	324.70
113.31	83.35	53.57	23.77	353.74	323.51	8	114.24	84.28	54.57	24.83	354.79	324.49
112.95	83.02	53.43	23.77	353.70	323.29	7	113.87	83.95	54.42	24.83	354.76	324.28
112.58	82.69	53.28	23.77	353.66	323.06	6	113.50	83.63	54.28	24.83	354.72	324.05
112.21	82.38	53.15	23.77	353.62	322.83	5	113.13	83.31	54.15	24.83	354.67	323.82
111.83	82.07	53.02	23.77	353.56	322.58	4	112.77	83.01	54.02	24.83	354.62	323.57
111.46	81.77	52.90	23.77	353.50	322.33	3	112.40	82.71	53.91	24.83	354.56	323.32
111.09	81.48	52.79	23.77	353.43	322.07	2	112.02	82.42	53.79	24.83	354.49	323.06
110.71	81.19	52.68	23.77	353.36	321.80	1	111.65	82.13	53.69	24.83	354.42	322.79
110.34	80.91	52.58	23.77	353.27	321.51	0	111.28	81.85	53.59	24.83	354.34	322.51

24°

Sternzeit

1h36min

25°

Sternzeit

1h40min

Asz.	XII	XI	MC	IX	VIII	Br.
142.47	127.91	96.00	25.89	349.61	334.11	64
141.64	126.47	93.88	25.89	349.74	333.77	63
140.84	125.07	91.88	25.89	349.88	333.44	62
140.06	123.71	89.98	25.89	350.03	333.14	61
139.31	122.38	88.18	25.89	350.19	332.85	60
138.58	121.08	86.48	25.89	350.35	332.59	59
137.87	119.81	84.86	25.89	350.52	332.34	58
137.18	118.58	83.34	25.89	350.69	332.11	57
136.51	117.38	81.89	25.89	350.87	331.89	56
135.86	116.21	80.52	25.89	351.05	331.69	55
135.23	115.07	79.22	25.89	351.23	331.50	54
134.61	113.96	77.98	25.89	351.42	331.32	53
134.01	112.88	76.81	25.89	351.60	331.15	52
133.42	111.83	75.70	25.89	351.78	330.99	51
132.85	110.80	74.64	25.89	351.97	330.84	50
132.29	109.80	73.63	25.89	352.15	330.70	49
131.74	108.83	72.68	25.89	352.33	330.56	48
131.21	107.88	71.77	25.89	352.51	330.43	47
130.68	106.96	70.90	25.89	352.68	330.31	46
130.17	106.06	70.07	25.89	352.85	330.19	45
129.66	105.18	69.29	25.89	353.02	330.08	44
129.17	104.33	68.54	25.89	353.19	329.97	43
128.68	103.50	67.82	25.89	353.35	329.86	42
128.21	102.69	67.14	25.89	353.51	329.76	41
127.74	101.90	66.49	25.89	353.66	329.66	40
127.28	101.14	65.86	25.89	353.81	329.56	39
126.83	100.39	65.27	25.89	353.96	329.46	38
126.38	99.66	64.70	25.89	354.10	329.37	37
125.94	98.96	64.15	25.89	354.24	329.27	36
125.51	98.27	63.63	25.89	354.37	329.18	35
125.08	97.60	63.13	25.89	354.50	329.08	34
124.66	96.94	62.66	25.89	354.62	328.98	33
124.24	96.31	62.20	25.89	354.74	328.89	32
123.83	95.69	61.76	25.89	354.85	328.79	31
123.42	95.09	61.35	25.89	354.96	328.69	30
123.02	94.50	60.94	25.89	355.06	328.58	29
122.62	93.93	60.56	25.89	355.15	328.48	28
122.23	93.37	60.19	25.89	355.24	328.37	27
121.84	92.83	59.84	25.89	355.33	328.26	26
121.45	92.31	59.50	25.89	355.41	328.15	25
121.06	91.79	59.18	25.89	355.48	328.03	24
120.68	91.30	58.87	25.89	355.55	327.91	23
120.30	90.81	58.58	25.89	355.61	327.79	22
119.93	90.34	58.29	25.89	355.67	327.66	21
119.55	89.88	58.02	25.89	355.72	327.53	20
119.18	89.43	57.76	25.89	355.76	327.39	19
118.81	88.99	57.51	25.89	355.80	327.24	18
118.44	88.57	57.28	25.89	355.83	327.10	17
118.07	88.15	57.05	25.89	355.86	326.94	16
117.71	87.75	56.83	25.89	355.88	326.78	15
117.34	87.36	56.62	25.89	355.89	326.62	14
116.98	86.97	56.43	25.89	355.90	326.44	13
116.61	86.60	56.24	25.89	355.90	326.26	12
116.25	86.24	56.06	25.89	355.90	326.08	11
115.89	85.89	55.89	25.89	355.89	325.89	10
115.52	85.54	55.72	25.89	355.87	325.69	9
115.16	85.21	55.57	25.89	355.85	325.48	8
114.79	84.88	55.42	25.89	355.81	325.26	7
114.43	84.56	55.28	25.89	355.78	325.04	6
114.06	84.25	55.15	25.89	355.73	324.81	5
113.70	83.94	55.02	25.89	355.68	324.57	4
113.33	83.65	54.90	25.89	355.62	324.32	3
112.96	83.36	54.79	25.89	355.55	324.06	2
112.59	83.08	54.69	25.89	355.48	323.79	1
112.22	82.80	54.59	25.89	355.40	323.51	0

Asz.	XII	XI	MC	IX	VIII
143.02	128.41	96.64	26.94	350.39	334.75
142.21	127.00	94.55	26.94	350.53	334.42
141.42	125.61	92.57	26.94	350.69	334.11
140.66	124.26	90.69	26.94	350.85	333.82
139.92	122.95	88.91	26.94	351.02	333.55
139.20	121.67	87.23	26.94	351.20	333.29
138.50	120.42	85.64	26.94	351.38	333.06
137.83	119.20	84.12	26.94	351.56	332.84
137.17	118.01	82.69	26.94	351.75	332.63
136.53	116.86	81.33	26.94	351.94	332.44
135.91	115.73	80.04	26.94	352.13	332.26
135.30	114.63	78.82	26.94	352.32	332.09
134.71	113.56	77.66	26.94	352.51	331.93
134.13	112.52	76.56	26.94	352.70	331.78
133.56	111.50	75.51	26.94	352.89	331.64
133.01	110.51	74.51	26.94	353.08	331.50
132.47	109.55	73.56	26.94	353.27	331.37
131.94	108.61	72.66	26.94	353.45	331.25
131.43	107.70	71.80	26.94	353.63	331.14
130.92	106.81	70.98	26.94	353.81	331.03
130.42	105.94	70.20	26.94	353.99	330.92
129.94	105.09	69.45	26.94	354.16	330.82
129.46	104.27	68.74	26.94	354.32	330.72
128.99	103.47	68.06	26.94	354.49	330.62
128.53	102.69	67.42	26.94	354.65	330.53
128.07	101.93	66.80	26.94	354.80	330.43
127.63	101.19	66.20	26.94	354.95	330.34
127.19	100.47	65.64	26.94	355.10	330.25
126.75	99.77	65.10	26.94	355.24	330.16
126.33	99.09	64.58	26.94	355.37	330.07
125.90	98.42	64.09	26.94	355.50	329.98
125.49	97.78	63.61	26.94	355.63	329.89
125.08	97.15	63.16	26.94	355.75	329.79
124.67	96.53	62.72	26.94	355.86	329.70
124.27	95.94	62.31	26.94	355.97	329.60
123.87	95.36	61.91	26.94	356.07	329.51
123.48	94.79	61.53	26.94	356.17	329.41
123.09	94.24	61.16	26.94	356.27	329.30
122.70	93.70	60.81	26.94	356.35	329.20
122.32	93.18	60.48	26.94	356.43	329.09
121.93	92.67	60.16	26.94	356.51	328.97
121.56	92.18	59.85	26.94	356.58	328.86
121.18	91.69	59.55	26.94	356.64	328.74
120.81	91.23	59.27	26.94	356.70	328.61
120.44	90.77	59.00	26.94	356.75	328.48
120.07	90.32	58.74	26.94	356.80	328.35
119.70	89.89	58.50	26.94	356.84	328.21
119.34	89.47	58.26	26.94	356.87	328.06
118.97	89.06	58.03	26.94	356.90	327.91
118.61	88.66	57.82	26.94	356.92	327.75
118.25	88.27	57.61	26.94	356.94	327.59
117.89	87.89	57.42	26.94	356.95	327.42
117.53	87.52	57.23	26.94	356.95	327.24
117.16	87.16	57.05	26.94	356.95	327.06
116.80	86.81	56.88	26.94	356.94	326.87
116.44	86.47	56.72	26.94	356.92	326.67
116.08	86.13	56.56	26.94	356.90	326.47
115.72	85.81	56.42	26.94	356.87	326.25
115.36	85.49	56.28	26.94	356.83	326.03
115.00	85.18	56.14	26.94	356.79	325.80
114.63	84.88	56.02	26.94	356.74	325.56
114.27	84.59	55.90	26.94	356.68	325.31
113.90	84.30	55.79	26.94	356.61	325.06
113.53	84.02	55.69	26.94	356.54	324.79
113.16	83.74	55.59	26.94	356.46	324.51

26° Sternzeit 1h44min						27° Sternzeit 1h48min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
143.58	128.92	97.28	28.00	351.17	335.39	64	144.13	129.44	97.92	29.05	351.96	336.03
142.78	127.52	95.22	28.00	351.33	335.07	63	143.35	128.05	95.89	29.05	352.13	335.72
142.00	126.16	93.26	28.00	351.50	334.77	62	142.59	126.70	93.95	29.05	352.31	335.44
141.26	124.82	91.41	28.00	351.67	334.50	61	141.85	125.38	92.12	29.05	352.50	335.17
140.53	123.52	89.65	28.00	351.86	334.24	60	141.14	124.10	90.38	29.05	352.69	334.93
139.82	122.25	87.98	28.00	352.04	334.00	59	140.45	122.84	88.73	29.05	352.89	334.70
139.14	121.02	86.40	28.00	352.23	333.77	58	139.77	121.62	87.17	29.05	353.09	334.49
138.47	119.82	84.91	28.00	352.43	333.57	57	139.12	120.43	85.69	29.05	353.30	334.29
137.83	118.64	83.49	28.00	352.63	333.37	56	138.48	119.27	84.29	29.05	353.50	334.11
137.20	117.50	82.15	28.00	352.82	333.19	55	137.86	118.14	82.96	29.05	353.71	333.94
136.58	116.38	80.87	28.00	353.02	333.02	54	137.26	117.04	81.69	29.05	353.92	333.78
135.99	115.30	79.66	28.00	353.22	332.86	53	136.67	115.96	80.49	29.05	354.13	333.62
135.40	114.24	78.51	28.00	353.42	332.71	52	136.10	114.92	79.35	29.05	354.34	333.48
134.83	113.21	77.41	28.00	353.62	332.56	51	135.54	113.90	78.27	29.05	354.54	333.35
134.28	112.20	76.37	28.00	353.82	332.43	50	134.99	112.90	77.24	29.05	354.75	333.23
133.73	111.22	75.38	28.00	354.01	332.31	49	134.46	111.93	76.26	29.05	354.95	333.11
133.20	110.27	74.44	28.00	354.21	332.19	48	133.93	110.99	75.32	29.05	355.15	333.00
132.68	109.34	73.55	28.00	354.40	332.07	47	133.42	110.07	74.44	29.05	355.34	332.89
132.17	108.44	72.70	28.00	354.58	331.97	46	132.92	109.17	73.59	29.05	355.54	332.79
131.68	107.55	71.88	28.00	354.77	331.86	45	132.43	108.30	72.78	29.05	355.72	332.70
131.19	106.70	71.11	28.00	354.95	331.76	44	131.95	107.45	72.01	29.05	355.91	332.60
130.71	105.86	70.37	28.00	355.12	331.67	43	131.47	106.62	71.28	29.05	356.09	332.51
130.23	105.04	69.66	28.00	355.30	331.57	42	131.01	105.82	70.58	29.05	356.27	332.43
129.77	104.25	68.99	28.00	355.46	331.48	41	130.55	105.03	69.91	29.05	356.44	332.34
129.32	103.48	68.34	28.00	355.63	331.39	40	130.10	104.26	69.27	29.05	356.61	332.26
128.87	102.73	67.73	28.00	355.79	331.31	39	129.66	103.52	68.66	29.05	356.77	332.18
128.43	101.99	67.14	28.00	355.94	331.22	38	129.23	102.79	68.07	29.05	356.93	332.10
127.99	101.28	66.58	28.00	356.09	331.14	37	128.80	102.09	67.51	29.05	357.08	332.02
127.57	100.59	66.04	28.00	356.23	331.05	36	128.38	101.40	66.98	29.05	357.23	331.94
127.14	99.91	65.53	28.00	356.37	330.96	35	127.96	100.73	66.47	29.05	357.37	331.86
126.73	99.25	65.03	28.00	356.50	330.88	34	127.55	100.08	65.98	29.05	357.51	331.78
126.32	98.61	64.56	28.00	356.63	330.79	33	127.14	99.44	65.51	29.05	357.64	331.70
125.91	97.98	64.11	28.00	356.76	330.70	32	126.74	98.82	65.06	29.05	357.76	331.61
125.51	97.38	63.68	28.00	356.87	330.61	31	126.35	98.22	64.63	29.05	357.88	331.53
125.11	96.78	63.27	28.00	356.99	330.52	30	125.95	97.63	64.22	29.05	358.00	331.44
124.72	96.21	62.87	28.00	357.09	330.43	29	125.57	97.06	63.83	29.05	358.11	331.35
124.33	95.65	62.49	28.00	357.19	330.33	28	125.18	96.50	63.45	29.05	358.21	331.26
123.94	95.10	62.13	28.00	357.29	330.23	27	124.80	95.96	63.09	29.05	358.31	331.16
123.56	94.57	61.78	28.00	357.38	330.13	26	124.42	95.44	62.75	29.05	358.40	331.07
123.18	94.05	61.45	28.00	357.46	330.03	25	124.05	94.92	62.41	29.05	358.49	330.96
122.80	93.55	61.13	28.00	357.54	329.92	24	123.68	94.42	62.10	29.05	358.57	330.86
122.43	93.06	60.82	28.00	357.61	329.80	23	123.31	93.94	61.79	29.05	358.64	330.75
122.06	92.58	60.53	28.00	357.68	329.68	22	122.94	93.46	61.50	29.05	358.71	330.63
121.69	92.11	60.25	28.00	357.74	329.56	21	122.57	93.00	61.22	29.05	358.77	330.52
121.32	91.66	59.98	28.00	357.79	329.44	20	122.21	92.55	60.95	29.05	358.83	330.39
120.96	91.22	59.72	28.00	357.84	329.30	19	121.85	92.11	60.70	29.05	358.88	330.26
120.60	90.79	59.48	28.00	357.88	329.17	18	121.49	91.69	60.46	29.05	358.92	330.13
120.23	90.37	59.24	28.00	357.92	329.02	17	121.13	91.27	60.22	29.05	358.96	329.99
119.87	89.96	59.02	28.00	357.95	328.88	16	120.77	90.87	60.00	29.05	358.99	329.84
119.51	89.57	58.80	28.00	357.97	328.72	15	120.42	90.47	59.78	29.05	359.01	329.69
119.15	89.18	58.60	28.00	357.99	328.56	14	120.06	90.09	59.58	29.05	359.03	329.54
118.80	88.80	58.40	28.00	358.00	328.39	13	119.71	89.72	59.39	29.05	359.04	329.37
118.44	88.44	58.22	28.00	358.00	328.22	12	119.35	89.35	59.20	29.05	359.05	329.20
118.08	88.08	58.04	28.00	358.00	328.04	11	119.00	89.00	59.02	29.05	359.05	329.02
117.72	87.73	57.87	28.00	357.99	327.85	10	118.64	88.65	58.85	29.05	359.04	328.84
117.36	87.39	57.71	28.00	357.97	327.66	9	118.29	88.32	58.69	29.05	359.03	328.64
117.01	87.06	57.55	28.00	357.95	327.45	8	117.93	87.99	58.54	29.05	359.00	328.44
116.65	86.74	57.41	28.00	357.92	327.24	7	117.58	87.67	58.40	29.05	358.98	328.23
116.29	86.42	57.27	28.00	357.89	327.02	6	117.22	87.36	58.26	29.05	358.94	328.02
115.93	86.12	57.14	28.00	357.84	326.80	5	116.86	87.05	58.13	29.05	358.90	327.79
115.57	85.82	57.01	28.00	357.79	326.56	4	116.50	86.75	58.01	29.05	358.85	327.56
115.20	85.53	56.90	28.00	357.74	326.31	3	116.14	86.46	57.89	29.05	358.79	327.31
114.84	85.24	56.79	28.00	357.67	326.06	2	115.78	86.18	57.78	29.05	358.73	327.06
114.47	84.96	56.68	28.00	357.60	325.79	1	115.42	85.91	57.68	29.05	358.66	326.80
114.11	84.69	56.58	28.00	357.52	325.52	0	115.05	85.63	57.58	29.05	358.58	326.52

28° Sternzeit 1h52min						29° Sternzeit 1h56min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
144.69	129.95	98.57	30.10	352.74	336.66	64	145.25	130.46	99.21	31.14	353.52	337.30
143.92	128.58	96.55	30.10	352.92	336.37	63	144.49	129.11	97.22	31.14	353.72	337.02
143.17	127.24	94.64	30.10	353.12	336.10	62	143.76	127.79	95.34	31.14	353.93	336.77
142.45	125.94	92.83	30.10	353.32	335.85	61	143.05	126.50	93.54	31.14	354.14	336.53
141.75	124.67	91.11	30.10	353.52	335.62	60	142.36	125.25	91.84	31.14	354.36	336.31
141.07	123.43	89.48	30.10	353.73	335.41	59	141.69	124.02	90.23	31.14	354.58	336.11
140.41	122.23	87.94	30.10	353.95	335.21	58	141.04	122.83	88.70	31.14	354.80	335.92
139.76	121.05	86.47	30.10	354.16	335.02	57	140.41	121.67	87.26	31.14	355.03	335.74
139.14	119.90	85.08	30.10	354.38	334.85	56	139.79	120.53	85.88	31.14	355.26	335.58
138.53	118.78	83.77	30.10	354.60	334.68	55	139.20	119.43	84.57	31.14	355.48	335.43
137.94	117.69	82.51	30.10	354.81	334.53	54	138.61	118.35	83.33	31.14	355.71	335.29
137.36	116.63	81.32	30.10	355.03	334.39	53	138.04	117.30	82.15	31.14	355.93	335.16
136.79	115.59	80.19	30.10	355.25	334.26	52	137.49	116.27	81.03	31.14	356.16	335.04
136.24	114.58	79.12	30.10	355.46	334.14	51	136.95	115.27	79.97	31.14	356.38	334.92
135.71	113.60	78.10	30.10	355.67	334.02	50	136.42	114.30	78.96	31.14	356.59	334.82
135.18	112.64	77.13	30.10	355.88	333.91	49	135.90	113.35	77.99	31.14	356.81	334.71
134.66	111.71	76.20	30.10	356.08	333.81	48	135.39	112.43	77.08	31.14	357.02	334.62
134.16	110.80	75.32	30.10	356.29	333.71	47	134.90	111.53	76.20	31.14	357.23	334.53
133.67	109.91	74.48	30.10	356.49	333.62	46	134.41	110.65	75.37	31.14	357.43	334.44
133.18	109.05	73.68	30.10	356.68	333.53	45	133.94	109.79	74.57	31.14	357.64	334.36
132.71	108.21	72.91	30.10	356.87	333.44	44	133.47	108.96	73.81	31.14	357.83	334.28
132.24	107.39	72.19	30.10	357.06	333.36	43	133.01	108.15	73.09	31.14	358.02	334.21
131.78	106.59	71.49	30.10	357.24	333.28	42	132.56	107.36	72.40	31.14	358.21	334.13
131.33	105.81	70.83	30.10	357.41	333.20	41	132.12	106.59	71.74	31.14	358.39	334.06
130.89	105.05	70.19	30.10	357.59	333.13	40	131.68	105.84	71.11	31.14	358.57	333.99
130.46	104.31	69.58	30.10	357.75	333.05	39	131.25	105.10	70.51	31.14	358.74	333.92
130.03	103.59	69.00	30.10	357.92	332.98	38	130.83	104.39	69.93	31.14	358.90	333.85
129.61	102.89	68.45	30.10	358.07	332.90	37	130.41	103.70	69.38	31.14	359.06	333.79
129.19	102.21	67.92	30.10	358.22	332.83	36	130.00	103.02	68.85	31.14	359.22	333.72
128.78	101.55	67.41	30.10	358.37	332.75	35	129.59	102.36	68.35	31.14	359.37	333.65
128.37	100.90	66.92	30.10	358.51	332.68	34	129.19	101.72	67.86	31.14	359.51	333.58
127.97	100.27	66.46	30.10	358.64	332.60	33	128.80	101.10	67.40	31.14	359.65	333.50
127.58	99.66	66.01	30.10	358.77	332.52	32	128.41	100.49	66.96	31.14	359.78	333.43
127.18	99.06	65.59	30.10	358.89	332.44	31	128.02	99.90	66.53	31.14	359.90	333.35
126.80	98.48	65.18	30.10	359.01	332.36	30	127.64	99.32	66.13	31.14	0.02	333.28
126.41	97.91	64.79	30.10	359.12	332.27	29	127.26	98.76	65.74	31.14	0.14	333.20
126.03	97.36	64.41	30.10	359.23	332.19	28	126.89	98.22	65.37	31.14	0.25	333.11
125.66	96.82	64.05	30.10	359.33	332.09	27	126.51	97.68	65.01	31.14	0.35	333.03
125.28	96.30	63.71	30.10	359.42	332.00	26	126.15	97.17	64.67	31.14	0.45	332.93
124.91	95.79	63.38	30.10	359.51	331.90	25	125.78	96.66	64.34	31.14	0.54	332.84
124.55	95.30	63.06	30.10	359.59	331.80	24	125.42	96.17	64.03	31.14	0.62	332.74
124.18	94.81	62.76	30.10	359.67	331.69	23	125.06	95.69	63.73	31.14	0.70	332.64
123.82	94.34	62.47	30.10	359.74	331.58	22	124.70	95.22	63.44	31.14	0.77	332.53
123.46	93.89	62.19	30.10	359.80	331.47	21	124.34	94.77	63.16	31.14	0.83	332.42
123.10	93.44	61.93	30.10	359.86	331.35	20	123.99	94.33	62.90	31.14	0.89	332.31
122.74	93.01	61.67	30.10	359.91	331.22	19	123.63	93.90	62.64	31.14	0.95	332.18
122.38	92.58	61.43	30.10	359.96	331.09	18	123.28	93.48	62.40	31.14	0.99	332.06
122.03	92.17	61.20	30.10	360.00	330.96	17	122.93	93.07	62.17	31.14	1.03	331.92
121.68	91.77	60.98	30.10	0.03	330.81	16	122.58	92.67	61.95	31.14	1.07	331.78
121.32	91.38	60.76	30.10	0.05	330.67	15	122.23	92.29	61.74	31.14	1.10	331.64
120.97	91.00	60.56	30.10	0.07	330.51	14	121.88	91.91	61.54	31.14	1.12	331.49
120.62	90.63	60.37	30.10	0.09	330.35	13	121.53	91.54	61.35	31.14	1.13	331.33
120.27	90.27	60.18	30.10	0.09	330.18	12	121.18	91.18	61.16	31.14	1.14	331.16
119.92	89.92	60.01	30.10	0.09	330.01	11	120.84	90.84	60.99	31.14	1.14	330.99
119.56	89.57	59.84	30.10	0.09	329.82	10	120.49	90.50	60.82	31.14	1.14	330.81
119.21	89.24	59.68	30.10	0.08	329.63	9	120.14	90.16	60.66	31.14	1.12	330.62
118.86	88.92	59.53	30.10	0.06	329.43	8	119.79	89.84	60.51	31.14	1.11	330.43
118.51	88.60	59.38	30.10	0.03	329.23	7	119.44	89.53	60.37	31.14	1.08	330.22
118.15	88.29	59.25	30.10	359.99	329.01	6	119.09	89.22	60.23	31.14	1.05	330.01
117.80	87.99	59.12	30.10	359.95	328.79	5	118.74	88.92	60.10	31.14	1.01	329.79
117.44	87.69	59.00	30.10	359.91	328.56	4	118.38	88.63	59.98	31.14	0.96	329.56
117.09	87.40	58.88	30.10	359.85	328.31	3	118.03	88.34	59.87	31.14	0.91	329.32
116.73	87.12	58.77	30.10	359.79	328.06	2	117.67	88.06	59.76	31.14	0.84	329.07
116.37	86.85	58.67	30.10	359.72	327.80	1	117.31	87.79	59.66	31.14	0.77	328.81
116.00	86.58	58.57	30.10	359.64	327.53	0	116.95	87.53	59.56	31.14	0.70	328.54

30° Sternzeit 2h 0min						31° Sternzeit 2h 4min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
145.81	130.98	99.86	32.18	354.30	337.94	64	146.36	131.49	100.50	33.22	355.08	338.58
145.06	129.64	97.89	32.18	354.52	337.68	63	145.64	130.17	98.56	33.22	355.31	338.33
144.34	128.34	96.03	32.18	354.74	337.43	62	144.93	128.88	96.72	33.22	355.54	338.10
143.65	127.06	94.26	32.18	354.96	337.21	61	144.24	127.63	94.97	33.22	355.78	337.89
142.97	125.82	92.58	32.18	355.19	337.00	60	143.58	126.40	93.30	33.22	356.02	337.69
142.31	124.61	90.98	32.18	355.42	336.81	59	142.93	125.21	91.73	33.22	356.27	337.51
141.67	123.43	89.47	32.18	355.66	336.63	58	142.31	124.04	90.23	33.22	356.51	337.35
141.05	122.28	88.03	32.18	355.89	336.47	57	141.70	122.90	88.81	33.22	356.76	337.20
140.45	121.16	86.67	32.18	356.13	336.32	56	141.10	121.79	87.46	33.22	357.01	337.05
139.86	120.07	85.38	32.18	356.37	336.18	55	140.53	120.71	86.18	33.22	357.25	336.92
139.29	119.00	84.15	32.18	356.60	336.05	54	139.96	119.66	84.97	33.22	357.49	336.80
138.73	117.96	82.98	32.18	356.83	335.93	53	139.41	118.63	83.81	33.22	357.73	336.69
138.18	116.95	81.87	32.18	357.06	335.81	52	138.88	117.63	82.71	33.22	357.97	336.59
137.65	115.96	80.82	32.18	357.29	335.71	51	138.36	116.65	81.66	33.22	358.21	336.49
137.13	115.00	79.81	32.18	357.52	335.61	50	137.84	115.70	80.67	33.22	358.44	336.40
136.62	114.06	78.86	32.18	357.74	335.52	49	137.34	114.77	79.72	33.22	358.67	336.32
136.12	113.14	77.95	32.18	357.96	335.43	48	136.85	113.86	78.82	33.22	358.90	336.24
135.64	112.25	77.08	32.18	358.17	335.35	47	136.37	112.98	77.96	33.22	359.12	336.16
135.16	111.38	76.25	32.18	358.38	335.27	46	135.90	112.12	77.14	33.22	359.33	336.09
134.69	110.54	75.46	32.18	358.59	335.19	45	135.44	111.28	76.35	33.22	359.54	336.03
134.23	109.71	74.71	32.18	358.79	335.12	44	134.99	110.47	75.61	33.22	359.75	335.96
133.78	108.91	73.99	32.18	358.99	335.05	43	134.54	109.67	74.89	33.22	359.95	335.90
133.33	108.13	73.31	32.18	359.18	334.99	42	134.11	108.89	74.21	33.22	0.15	335.84
132.90	107.36	72.65	32.18	359.36	334.92	41	133.68	108.14	73.56	33.22	0.34	335.78
132.47	106.62	72.03	32.18	359.54	334.86	40	133.25	107.40	72.94	33.22	0.52	335.72
132.04	105.90	71.43	32.18	359.72	334.79	39	132.84	106.69	72.35	33.22	0.70	335.67
131.63	105.19	70.86	32.18	359.89	334.73	38	132.43	105.99	71.78	33.22	0.87	335.61
131.22	104.50	70.31	32.18	0.05	334.67	37	132.02	105.31	71.23	33.22	1.04	335.55
130.81	103.83	69.78	32.18	0.21	334.61	36	131.62	104.64	70.71	33.22	1.20	335.49
130.41	103.18	69.28	32.18	0.36	334.54	35	131.23	104.00	70.21	33.22	1.36	335.43
130.02	102.55	68.80	32.18	0.51	334.48	34	130.84	103.37	69.74	33.22	1.51	335.37
129.63	101.93	68.34	32.18	0.65	334.41	33	130.46	102.76	69.28	33.22	1.65	335.31
129.24	101.33	67.90	32.18	0.78	334.34	32	130.08	102.16	68.84	33.22	1.79	335.25
128.86	100.74	67.48	32.18	0.91	334.27	31	129.70	101.58	68.42	33.22	1.92	335.18
128.48	100.17	67.08	32.18	1.04	334.19	30	129.33	101.01	68.02	33.22	2.05	335.11
128.11	99.61	66.69	32.18	1.15	334.12	29	128.96	100.46	67.64	33.22	2.17	335.04
127.74	99.07	66.32	32.18	1.26	334.04	28	128.59	99.92	67.27	33.22	2.28	334.97
127.37	98.54	65.96	32.18	1.37	333.96	27	128.23	99.40	66.92	33.22	2.39	334.89
127.01	98.03	65.62	32.18	1.47	333.87	26	127.87	98.89	66.58	33.22	2.49	334.80
126.65	97.53	65.30	32.18	1.56	333.78	25	127.51	98.40	66.26	33.22	2.58	334.72
126.29	97.04	64.99	32.18	1.64	333.69	24	127.16	97.91	65.95	33.22	2.67	334.63
125.93	96.57	64.69	32.18	1.72	333.59	23	126.81	97.44	65.65	33.22	2.75	334.53
125.58	96.11	64.40	32.18	1.80	333.48	22	126.46	96.99	65.36	33.22	2.83	334.43
125.22	95.66	64.13	32.18	1.87	333.38	21	126.11	96.54	65.09	33.22	2.90	334.33
124.87	95.22	63.87	32.18	1.93	333.26	20	125.76	96.11	64.83	33.22	2.96	334.22
124.52	94.79	63.61	32.18	1.98	333.14	19	125.42	95.68	64.58	33.22	3.01	334.11
124.18	94.38	63.37	32.18	2.03	333.02	18	125.07	95.27	64.34	33.22	3.06	333.98
123.83	93.97	63.14	32.18	2.07	332.89	17	124.73	94.87	64.11	33.22	3.11	333.86
123.48	93.58	62.92	32.18	2.11	332.75	16	124.39	94.48	63.90	33.22	3.15	333.72
123.14	93.19	62.71	32.18	2.14	332.61	15	124.04	94.10	63.69	33.22	3.18	333.59
122.79	92.82	62.51	32.18	2.16	332.46	14	123.70	93.73	63.49	33.22	3.20	333.44
122.45	92.45	62.32	32.18	2.18	332.31	13	123.36	93.37	63.30	33.22	3.22	333.29
122.10	92.10	62.14	32.18	2.19	332.14	12	123.02	93.02	63.12	33.22	3.23	333.13
121.76	91.75	61.97	32.18	2.19	331.97	11	122.68	92.67	62.94	33.22	3.23	332.96
121.41	91.42	61.80	32.18	2.18	331.80	10	122.34	92.34	62.78	33.22	3.23	332.79
121.07	91.09	61.64	32.18	2.17	331.61	9	122.00	92.01	62.62	33.22	3.22	332.60
120.72	90.77	61.49	32.18	2.16	331.42	8	121.65	91.70	62.47	33.22	3.20	332.41
120.37	90.46	61.35	32.18	2.13	331.22	7	121.31	91.39	62.33	33.22	3.18	332.21
120.03	90.15	61.22	32.18	2.10	331.01	6	120.97	91.08	62.20	33.22	3.15	332.01
119.68	89.86	61.09	32.18	2.06	330.79	5	120.62	90.79	62.07	33.22	3.11	331.79
119.33	89.57	60.97	32.18	2.01	330.56	4	120.27	90.50	61.95	33.22	3.07	331.56
118.98	89.28	60.85	32.18	1.96	330.32	3	119.92	90.22	61.84	33.22	3.01	331.33
118.62	89.01	60.75	32.18	1.90	330.08	2	119.57	89.95	61.73	33.22	2.95	331.09
118.27	88.74	60.65	32.18	1.83	329.82	1	119.22	89.68	61.63	33.22	2.89	330.83
117.91	88.47	60.55	32.18	1.75	329.55	0	118.87	89.42	61.54	33.22	2.81	330.57

32°

Sternzeit

2h 8min

33°

Sternzeit

2h12min

Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
146.92	132.01	101.15	34.26	355.86	339.21	64	147.48	132.53	101.80	35.29	356.64	339.85
146.21	130.71	99.23	34.26	356.11	338.98	63	146.78	131.24	99.90	35.29	356.90	339.63
145.51	129.43	97.41	34.26	356.35	338.76	62	146.10	129.98	98.10	35.29	357.16	339.43
144.84	128.19	95.68	34.26	356.60	338.57	61	145.44	128.76	96.39	35.29	357.42	339.24
144.19	126.98	94.03	34.26	356.86	338.38	60	144.80	127.56	94.76	35.29	357.69	339.07
143.56	125.80	92.47	34.26	357.11	338.22	59	144.18	126.39	93.22	35.29	357.96	338.92
142.94	124.65	90.99	34.26	357.37	338.06	58	143.58	125.25	91.75	35.29	358.22	338.78
142.34	123.52	89.59	34.26	357.62	337.92	57	142.99	124.14	90.36	35.29	358.49	338.65
141.76	122.42	88.25	34.26	357.88	337.79	56	142.42	123.06	89.04	35.29	358.75	338.53
141.19	121.36	86.98	34.26	358.13	337.67	55	141.86	122.00	87.78	35.29	359.02	338.42
140.64	120.31	85.78	34.26	358.39	337.56	54	141.31	120.97	86.59	35.29	359.28	338.31
140.10	119.30	84.63	34.26	358.63	337.46	53	140.78	119.96	85.46	35.29	359.53	338.22
139.57	118.30	83.54	34.26	358.88	337.36	52	140.27	118.98	84.38	35.29	359.79	338.14
139.06	117.34	82.51	34.26	359.12	337.28	51	139.76	118.02	83.35	35.29	0.04	338.06
138.56	116.39	81.52	34.26	359.36	337.19	50	139.27	117.09	82.37	35.29	0.29	337.99
138.06	115.48	80.58	34.26	359.60	337.12	49	138.78	116.18	81.44	35.29	0.53	337.92
137.58	114.58	79.68	34.26	359.83	337.05	48	138.31	115.30	80.55	35.29	0.76	337.86
137.11	113.71	78.83	34.26	0.06	336.98	47	137.85	114.43	79.70	35.29	1.00	337.80
136.65	112.86	78.02	34.26	0.28	336.92	46	137.39	113.59	78.89	35.29	1.22	337.74
136.19	112.03	77.24	34.26	0.49	336.86	45	136.94	112.77	78.12	35.29	1.45	337.69
135.75	111.22	76.50	34.26	0.71	336.80	44	136.51	111.97	77.39	35.29	1.66	337.64
135.31	110.43	75.79	34.26	0.91	336.75	43	136.08	111.19	76.69	35.29	1.87	337.59
134.88	109.66	75.11	34.26	1.11	336.69	42	135.65	110.43	76.01	35.29	2.08	337.54
134.46	108.91	74.47	34.26	1.31	336.64	41	135.24	109.69	75.37	35.29	2.28	337.50
134.04	108.19	73.85	34.26	1.50	336.59	40	134.83	108.97	74.76	35.29	2.47	337.45
133.63	107.48	73.26	34.26	1.68	336.54	39	134.42	108.27	74.17	35.29	2.66	337.41
133.22	106.78	72.70	34.26	1.86	336.49	38	134.02	107.58	73.61	35.29	2.84	337.36
132.83	106.11	72.16	34.26	2.03	336.43	37	133.63	106.91	73.08	35.29	3.01	337.32
132.43	105.45	71.64	34.26	2.19	336.38	36	133.24	106.26	72.56	35.29	3.18	337.27
132.05	104.81	71.14	34.26	2.35	336.33	35	132.86	105.63	72.07	35.29	3.35	337.22
131.66	104.19	70.67	34.26	2.50	336.27	34	132.48	105.01	71.60	35.29	3.50	337.17
131.28	103.58	70.22	34.26	2.65	336.22	33	132.11	104.41	71.15	35.29	3.65	337.12
130.91	102.99	69.78	34.26	2.79	336.16	32	131.74	103.82	70.72	35.29	3.79	337.06
130.54	102.42	69.37	34.26	2.93	336.09	31	131.38	103.25	70.30	35.29	3.93	337.01
130.17	101.86	68.97	34.26	3.05	336.03	30	131.01	102.70	69.91	35.29	4.06	336.95
129.81	101.31	68.58	34.26	3.18	335.96	29	130.66	102.16	69.53	35.29	4.19	336.89
129.45	100.78	68.22	34.26	3.29	335.89	28	130.30	101.63	69.16	35.29	4.31	336.82
129.09	100.26	67.87	34.26	3.40	335.82	27	129.95	101.12	68.82	35.29	4.42	336.75
128.73	99.75	67.53	34.26	3.50	335.74	26	129.60	100.62	68.48	35.29	4.52	336.68
128.38	99.26	67.21	34.26	3.60	335.66	25	129.25	100.13	68.16	35.29	4.62	336.60
128.03	98.79	66.90	34.26	3.69	335.57	24	128.90	99.66	67.85	35.29	4.71	336.52
127.68	98.32	66.61	34.26	3.78	335.48	23	128.56	99.19	67.56	35.29	4.80	336.43
127.34	97.87	66.32	34.26	3.85	335.39	22	128.22	98.74	67.28	35.29	4.88	336.34
126.99	97.42	66.05	34.26	3.92	335.28	21	127.88	98.31	67.01	35.29	4.95	336.24
126.65	96.99	65.79	34.26	3.99	335.18	20	127.54	97.88	66.75	35.29	5.02	336.14
126.31	96.57	65.54	34.26	4.05	335.07	19	127.20	97.47	66.51	35.29	5.08	336.03
125.97	96.17	65.31	34.26	4.10	334.95	18	126.87	97.06	66.27	35.29	5.13	335.92
125.63	95.77	65.08	34.26	4.14	334.83	17	126.53	96.67	66.05	35.29	5.18	335.80
125.29	95.38	64.86	34.26	4.18	334.70	16	126.20	96.28	65.83	35.29	5.22	335.67
124.95	95.00	64.66	34.26	4.21	334.56	15	125.86	95.91	65.62	35.29	5.25	335.54
124.62	94.64	64.46	34.26	4.24	334.42	14	125.53	95.55	65.43	35.29	5.28	335.40
124.28	94.28	64.27	34.26	4.26	334.27	13	125.20	95.19	65.24	35.29	5.30	335.25
123.94	93.93	64.09	34.26	4.27	334.11	12	124.86	94.85	65.06	35.29	5.31	335.10
123.60	93.59	63.92	34.26	4.28	333.95	11	124.53	94.51	64.89	35.29	5.32	334.94
123.26	93.26	63.75	34.26	4.28	333.78	10	124.19	94.18	64.73	35.29	5.32	334.77
122.93	92.94	63.60	34.26	4.27	333.60	9	123.86	93.86	64.57	35.29	5.31	334.59
122.59	92.62	63.45	34.26	4.25	333.41	8	123.52	93.55	64.43	35.29	5.30	334.40
122.25	92.32	63.31	34.26	4.23	333.21	7	123.19	93.25	64.29	35.29	5.28	334.21
121.91	92.02	63.18	34.26	4.20	333.01	6	122.85	92.95	64.16	35.29	5.25	334.01
121.56	91.73	63.05	34.26	4.16	332.79	5	122.51	92.66	64.03	35.29	5.21	333.80
121.22	91.44	62.93	34.26	4.12	332.57	4	122.17	92.38	63.91	35.29	5.17	333.58
120.87	91.16	62.82	34.26	4.07	332.34	3	121.83	92.10	63.80	35.29	5.12	333.35
120.53	90.89	62.72	34.26	4.01	332.10	2	121.48	91.84	63.70	35.29	5.06	333.11
120.18	90.63	62.62	34.26	3.94	331.84	1	121.13	91.57	63.60	35.29	5.00	332.86
119.82	90.37	62.52	34.26	3.87	331.58	0	120.79	91.32	63.51	35.29	4.92	332.60

34°		Sternzeit				2h16min	Br.	35°		Sternzeit				2h20min
Asz.	XII	XI	MC	IX	VIII	Asz.		XII	XI	MC	IX	VIII		
148.04	133.05	102.45	36.32	357.42	340.49	64	148.60	133.58	103.09	37.35	358.20	341.12		
147.35	131.78	100.57	36.32	357.69	340.28	63	147.93	132.32	101.24	37.35	358.49	340.93		
146.69	130.54	98.79	36.32	357.97	340.09	62	147.27	131.09	99.48	37.35	358.77	340.76		
146.04	129.32	97.10	36.32	358.24	339.92	61	146.64	129.89	97.81	37.35	359.06	340.60		
145.41	128.14	95.49	36.32	358.52	339.76	60	146.02	128.72	96.22	37.35	359.35	340.45		
144.80	126.99	93.96	36.32	358.80	339.62	59	145.42	127.58	94.71	37.35	359.64	340.32		
144.21	125.86	92.51	36.32	359.08	339.49	58	144.84	126.47	93.27	37.35	359.93	340.20		
143.63	124.76	91.14	36.32	359.35	339.37	57	144.28	125.38	91.91	37.35	0.21	340.09		
143.07	123.69	89.83	36.32	359.63	339.26	56	143.73	124.32	90.61	37.35	0.50	339.99		
142.52	122.64	88.58	36.32	359.90	339.16	55	143.19	123.29	89.38	37.35	0.78	339.91		
141.99	121.62	87.40	36.32	0.17	339.07	54	142.67	122.28	88.21	37.35	1.06	339.82		
141.47	120.63	86.28	36.32	0.43	338.99	53	142.15	121.30	87.10	37.35	1.33	339.75		
140.96	119.66	85.21	36.32	0.69	338.91	52	141.66	120.34	86.03	37.35	1.60	339.68		
140.46	118.71	84.19	36.32	0.95	338.84	51	141.17	119.40	85.02	37.35	1.87	339.62		
139.98	117.79	83.22	36.32	1.21	338.78	50	140.69	118.49	84.06	37.35	2.13	339.57		
139.50	116.89	82.29	36.32	1.45	338.72	49	140.22	117.60	83.15	37.35	2.38	339.52		
139.04	116.01	81.41	36.32	1.70	338.66	48	139.77	116.73	82.27	37.35	2.63	339.47		
138.58	115.16	80.57	36.32	1.94	338.61	47	139.32	115.89	81.44	37.35	2.87	339.43		
138.13	114.33	79.77	36.32	2.17	338.56	46	138.88	115.06	80.64	37.35	3.11	339.39		
137.70	113.51	79.01	36.32	2.40	338.52	45	138.45	114.26	79.89	37.35	3.35	339.35		
137.26	112.72	78.28	36.32	2.62	338.48	44	138.02	113.47	79.16	37.35	3.57	339.31		
136.84	111.95	77.58	36.32	2.83	338.43	43	137.61	112.71	78.47	37.35	3.79	339.28		
136.42	111.20	76.91	36.32	3.04	338.39	42	137.20	111.97	77.81	37.35	4.01	339.25		
136.01	110.46	76.28	36.32	3.25	338.36	41	136.79	111.24	77.18	37.35	4.22	339.21		
135.61	109.75	75.67	36.32	3.44	338.32	40	136.40	110.53	76.57	37.35	4.42	339.18		
135.21	109.05	75.08	36.32	3.64	338.28	39	136.01	109.84	75.99	37.35	4.61	339.15		
134.82	108.38	74.53	36.32	3.82	338.24	38	135.62	109.17	75.44	37.35	4.80	339.11		
134.44	107.71	73.99	36.32	4.00	338.20	37	135.24	108.52	74.91	37.35	4.98	339.08		
134.06	107.07	73.48	36.32	4.17	338.16	36	134.87	107.88	74.40	37.35	5.16	339.04		
133.68	106.44	73.00	36.32	4.34	338.11	35	134.50	107.26	73.92	37.35	5.33	339.01		
133.31	105.83	72.53	36.32	4.50	338.07	34	134.13	106.65	73.45	37.35	5.49	338.97		
132.94	105.24	72.08	36.32	4.65	338.02	33	133.77	106.06	73.01	37.35	5.65	338.92		
132.58	104.66	71.65	36.32	4.80	337.97	32	133.41	105.49	72.58	37.35	5.80	338.88		
132.21	104.09	71.24	36.32	4.94	337.92	31	133.05	104.93	72.17	37.35	5.94	338.83		
131.86	103.54	70.85	36.32	5.07	337.87	30	132.70	104.38	71.78	37.35	6.07	338.78		
131.50	103.00	70.47	36.32	5.20	337.81	29	132.35	103.85	71.41	37.35	6.20	338.73		
131.15	102.48	70.11	36.32	5.32	337.75	28	132.01	103.33	71.05	37.35	6.33	338.67		
130.81	101.97	69.76	36.32	5.43	337.68	27	131.67	102.83	70.70	37.35	6.44	338.61		
130.46	101.48	69.43	36.32	5.54	337.61	26	131.33	102.34	70.37	37.35	6.55	338.55		
130.12	101.00	69.11	36.32	5.64	337.54	25	130.99	101.86	70.06	37.35	6.66	338.48		
129.78	100.53	68.81	36.32	5.73	337.46	24	130.65	101.40	69.75	37.35	6.75	338.40		
129.44	100.07	68.51	36.32	5.82	337.38	23	130.32	100.94	69.46	37.35	6.84	338.32		
129.10	99.62	68.23	36.32	5.90	337.29	22	129.99	100.50	69.19	37.35	6.93	338.24		
128.77	99.19	67.97	36.32	5.98	337.19	21	129.65	100.07	68.92	37.35	7.00	338.15		
128.43	98.77	67.71	36.32	6.05	337.10	20	129.32	99.65	68.67	37.35	7.07	338.06		
128.10	98.36	67.47	36.32	6.11	336.99	19	129.00	99.25	68.42	37.35	7.14	337.95		
127.77	97.96	67.23	36.32	6.16	336.88	18	128.67	98.85	68.19	37.35	7.19	337.85		
127.44	97.56	67.01	36.32	6.21	336.76	17	128.34	98.46	67.97	37.35	7.24	337.74		
127.11	97.18	66.79	36.32	6.25	336.64	16	128.01	98.09	67.76	37.35	7.29	337.62		
126.78	96.81	66.59	36.32	6.29	336.51	15	127.69	97.72	67.55	37.35	7.32	337.49		
126.45	96.45	66.39	36.32	6.32	336.38	14	127.36	97.36	67.36	37.35	7.35	337.36		
126.12	96.10	66.21	36.32	6.34	336.23	13	127.04	97.01	67.17	37.35	7.37	337.22		
125.79	95.76	66.03	36.32	6.35	336.08	12	126.71	96.68	67.00	37.35	7.39	337.07		
125.45	95.43	65.86	36.32	6.36	335.92	11	126.38	96.35	66.83	37.35	7.40	336.91		
125.12	95.10	65.70	36.32	6.36	335.76	10	126.06	96.02	66.67	37.35	7.40	336.75		
124.79	94.79	65.55	36.32	6.36	335.58	9	125.73	95.71	66.52	37.35	7.40	336.58		
124.46	94.48	65.40	36.32	6.34	335.40	8	125.40	95.40	66.37	37.35	7.39	336.40		
124.13	94.18	65.26	36.32	6.32	335.21	7	125.07	95.11	66.23	37.35	7.37	336.21		
123.79	93.88	65.13	36.32	6.30	335.01	6	124.74	94.82	66.10	37.35	7.34	336.02		
123.46	93.60	65.01	36.32	6.26	334.80	5	124.41	94.53	65.98	37.35	7.31	335.81		
123.12	93.32	64.89	36.32	6.22	334.59	4	124.07	94.26	65.87	37.35	7.27	335.60		
122.78	93.05	64.78	36.32	6.17	334.36	3	123.74	93.99	65.76	37.35	7.22	335.37		
122.44	92.78	64.68	36.32	6.11	334.12	2	123.40	93.72	65.65	37.35	7.16	335.14		
122.10	92.52	64.58	36.32	6.05	333.87	1	123.06	93.47	65.56	37.35	7.10	334.89		
121.75	92.27	64.49	36.32	5.98	333.62	0	122.72	93.21	65.47	37.35	7.03	334.64		

36°		Sternzeit				2h24min	Br.	37°		Sternzeit				2h28min
Asz.	XII	XI	MC	IX	VIII	Asz.		XII	XI	MC	IX	VIII		
149.16	134.10	103.74	38.38	358.98	341.76	64	149.72	134.63	104.39	39.40	359.76	342.40		
148.50	132.86	101.91	38.38	359.28	341.58	63	149.08	133.40	102.58	39.40	0.07	342.23		
147.86	131.64	100.17	38.38	359.58	341.42	62	148.45	132.20	100.86	39.40	0.39	342.08		
147.24	130.46	98.52	38.38	359.88	341.27	61	147.84	131.03	99.22	39.40	0.70	341.95		
146.63	129.30	96.94	38.38	0.18	341.14	60	147.24	129.89	97.67	39.40	1.01	341.83		
146.05	128.18	95.45	38.38	0.48	341.02	59	146.67	128.77	96.19	39.40	1.32	341.72		
145.48	127.08	94.03	38.38	0.78	340.91	58	146.11	127.69	94.79	39.40	1.63	341.63		
144.92	126.00	92.68	38.38	1.08	340.82	57	145.57	126.62	93.45	39.40	1.94	341.54		
144.38	124.96	91.40	38.38	1.37	340.73	56	145.04	125.59	92.18	39.40	2.24	341.46		
143.85	123.93	90.18	38.38	1.66	340.65	55	144.52	124.58	90.97	39.40	2.54	341.39		
143.34	122.94	89.02	38.38	1.95	340.58	54	144.02	123.59	89.82	39.40	2.83	341.33		
142.84	121.96	87.91	38.38	2.23	340.51	53	143.52	122.63	88.73	39.40	3.12	341.28		
142.35	121.02	86.86	38.38	2.50	340.46	52	143.04	121.69	87.69	39.40	3.41	341.23		
141.87	120.09	85.86	38.38	2.78	340.41	51	142.57	120.78	86.69	39.40	3.69	341.19		
141.40	119.19	84.91	38.38	3.04	340.36	50	142.11	119.89	85.75	39.40	3.96	341.15		
140.94	118.31	84.00	38.38	3.31	340.32	49	141.66	119.02	84.85	39.40	4.23	341.11		
140.49	117.45	83.13	38.38	3.56	340.28	48	141.22	118.17	83.99	39.40	4.49	341.08		
140.05	116.61	82.31	38.38	3.81	340.24	47	140.79	117.34	83.17	39.40	4.75	341.06		
139.62	115.80	81.52	38.38	4.06	340.21	46	140.37	116.53	82.39	39.40	5.00	341.03		
139.20	115.00	80.76	38.38	4.29	340.18	45	139.95	115.74	81.64	39.40	5.24	341.01		
138.78	114.23	80.04	38.38	4.53	340.15	44	139.54	114.98	80.93	39.40	5.48	340.99		
138.37	113.47	79.36	38.38	4.75	340.12	43	139.14	114.23	80.24	39.40	5.71	340.97		
137.97	112.73	78.70	38.38	4.97	340.10	42	138.74	113.50	79.59	39.40	5.93	340.95		
137.57	112.01	78.07	38.38	5.18	340.07	41	138.35	112.79	78.97	39.40	6.15	340.93		
137.18	111.31	77.47	38.38	5.39	340.04	40	137.97	112.09	78.37	39.40	6.36	340.91		
136.80	110.63	76.90	38.38	5.59	340.02	39	137.59	111.42	77.80	39.40	6.56	340.89		
136.42	109.97	76.35	38.38	5.78	339.99	38	137.22	110.76	77.26	39.40	6.76	340.86		
136.05	109.32	75.82	38.38	5.97	339.96	37	136.85	110.12	76.73	39.40	6.95	340.84		
135.68	108.69	75.32	38.38	6.15	339.93	36	136.49	109.49	76.23	39.40	7.13	340.82		
135.31	108.07	74.84	38.38	6.32	339.90	35	136.13	108.88	75.76	39.40	7.31	340.79		
134.95	107.47	74.38	38.38	6.48	339.86	34	135.77	108.29	75.30	39.40	7.47	340.76		
134.60	106.89	73.93	38.38	6.64	339.83	33	135.42	107.71	74.86	39.40	7.64	340.73		
134.24	106.32	73.51	38.38	6.79	339.79	32	135.08	107.15	74.44	39.40	7.79	340.70		
133.89	105.76	73.10	38.38	6.94	339.75	31	134.73	106.60	74.03	39.40	7.94	340.66		
133.55	105.22	72.72	38.38	7.08	339.70	30	134.39	106.07	73.65	39.40	8.08	340.62		
133.20	104.70	72.34	38.38	7.21	339.65	29	134.05	105.54	73.28	39.40	8.22	340.57		
132.86	104.19	71.99	38.38	7.34	339.60	28	133.72	105.04	72.92	39.40	8.34	340.53		
132.53	103.69	71.64	38.38	7.45	339.54	27	133.39	104.54	72.58	39.40	8.46	340.47		
132.19	103.20	71.32	38.38	7.57	339.48	26	133.06	104.06	72.26	39.40	8.58	340.42		
131.86	102.73	71.00	38.38	7.67	339.42	25	132.73	103.59	71.94	39.40	8.69	340.36		
131.53	102.27	70.70	38.38	7.77	339.35	24	132.40	103.14	71.65	39.40	8.79	340.29		
131.20	101.82	70.41	38.38	7.86	339.27	23	132.08	102.69	71.36	39.40	8.88	340.22		
130.87	101.38	70.14	38.38	7.95	339.19	22	131.75	102.26	71.09	39.40	8.97	340.14		
130.54	100.96	69.87	38.38	8.03	339.11	21	131.43	101.84	70.82	39.40	9.05	340.06		
130.22	100.54	69.62	38.38	8.10	339.02	20	131.11	101.43	70.57	39.40	9.12	339.98		
129.89	100.14	69.38	38.38	8.16	338.92	19	130.79	101.03	70.33	39.40	9.19	339.88		
129.57	99.74	69.15	38.38	8.22	338.82	18	130.47	100.64	70.10	39.40	9.25	339.78		
129.25	99.36	68.93	38.38	8.27	338.71	17	130.15	100.26	69.88	39.40	9.30	339.68		
128.92	98.99	68.71	38.38	8.32	338.59	16	129.83	99.89	69.67	39.40	9.35	339.56		
128.60	98.62	68.51	38.38	8.36	338.47	15	129.52	99.53	69.47	39.40	9.39	339.45		
128.28	98.27	68.32	38.38	8.39	338.34	14	129.20	99.18	69.28	39.40	9.42	339.32		
127.96	97.93	68.14	38.38	8.41	338.20	13	128.88	98.84	69.10	39.40	9.45	339.19		
127.64	97.59	67.96	38.38	8.43	338.06	12	128.56	98.51	68.92	39.40	9.46	339.04		
127.31	97.26	67.79	38.38	8.44	337.90	11	128.24	98.18	68.76	39.40	9.48	338.90		
126.99	96.95	67.64	38.38	8.44	337.74	10	127.92	97.87	68.60	39.40	9.48	338.74		
126.67	96.64	67.48	38.38	8.44	337.58	9	127.60	97.56	68.45	39.40	9.48	338.57		
126.34	96.33	67.34	38.38	8.43	337.40	8	127.28	97.26	68.31	39.40	9.47	338.40		
126.01	96.04	67.21	38.38	8.41	337.22	7	126.96	96.97	68.17	39.40	9.45	338.22		
125.69	95.75	67.08	38.38	8.39	337.02	6	126.64	96.68	68.05	39.40	9.43	338.03		
125.36	95.47	66.95	38.38	8.35	336.82	5	126.31	96.41	67.93	39.40	9.40	337.83		
125.03	95.20	66.84	38.38	8.31	336.61	4	125.99	96.14	67.81	39.40	9.36	337.62		
124.70	94.93	66.73	38.38	8.27	336.39	3	125.66	95.87	67.70	39.40	9.31	337.40		
124.36	94.67	66.63	38.38	8.21	336.15	2	125.33	95.61	67.60	39.40	9.26	337.17		
124.02	94.41	66.53	38.38	8.15	335.91	1	124.99	95.36	67.51	39.40	9.20	336.93		
123.68	94.17	66.44	38.38	8.08	335.66	0	124.66	95.12	67.42	39.40	9.13	336.68		

38° Sternzeit 2h32min						39° Sternzeit 2h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
150.29	135.15	105.04	40.42	0.54	343.03	64	150.85	135.68	105.70	41.43	1.32	343.67
149.65	133.94	103.25	40.42	0.87	342.88	63	150.23	134.48	103.93	41.43	1.66	343.53
149.03	132.76	101.55	40.42	1.19	342.75	62	149.62	133.31	102.24	41.43	2.00	343.41
148.44	131.60	99.93	40.42	1.52	342.63	61	149.04	132.17	100.64	41.43	2.33	343.30
147.86	130.47	98.39	40.42	1.84	342.52	60	148.47	131.06	99.12	41.43	2.67	343.21
147.29	129.37	96.93	40.42	2.16	342.42	59	147.92	129.97	97.67	41.43	3.00	343.12
146.74	128.30	95.54	40.42	2.48	342.34	58	147.38	128.91	96.30	41.43	3.33	343.05
146.21	127.25	94.22	40.42	2.80	342.26	57	146.86	127.87	94.99	41.43	3.66	342.98
145.69	126.22	92.96	40.42	3.11	342.19	56	146.35	126.86	93.74	41.43	3.98	342.93
145.18	125.23	91.76	40.42	3.42	342.14	55	145.85	125.87	92.56	41.43	4.29	342.88
144.69	124.25	90.63	40.42	3.72	342.09	54	145.37	124.91	91.43	41.43	4.61	342.84
144.21	123.30	89.54	40.42	4.02	342.04	53	144.89	123.97	90.35	41.43	4.91	342.80
143.74	122.37	88.51	40.42	4.31	342.00	52	144.43	123.05	89.33	41.43	5.21	342.77
143.28	121.47	87.53	40.42	4.60	341.97	51	143.98	122.16	88.36	41.43	5.51	342.75
142.82	120.58	86.59	40.42	4.88	341.94	50	143.54	121.28	87.43	41.43	5.79	342.73
142.38	119.72	85.70	40.42	5.15	341.91	49	143.10	120.43	86.54	41.43	6.08	342.71
141.95	118.88	84.84	40.42	5.42	341.89	48	142.68	119.60	85.70	41.43	6.35	342.70
141.53	118.06	84.03	40.42	5.68	341.87	47	142.26	118.79	84.89	41.43	6.62	342.68
141.11	117.27	83.25	40.42	5.94	341.85	46	141.85	118.00	84.12	41.43	6.88	342.67
140.70	116.49	82.51	40.42	6.19	341.84	45	141.45	117.23	83.38	41.43	7.13	342.67
140.30	115.73	81.80	40.42	6.43	341.82	44	141.06	116.48	82.68	41.43	7.38	342.66
139.90	114.99	81.13	40.42	6.66	341.81	43	140.67	115.75	82.01	41.43	7.62	342.65
139.51	114.27	80.48	40.42	6.89	341.80	42	140.29	115.03	81.37	41.43	7.85	342.64
139.13	113.56	79.86	40.42	7.11	341.78	41	139.91	114.34	80.75	41.43	8.08	342.64
138.76	112.88	79.27	40.42	7.33	341.77	40	139.54	113.66	80.17	41.43	8.30	342.63
138.38	112.21	78.70	40.42	7.53	341.75	39	139.18	112.99	79.60	41.43	8.51	342.62
138.02	111.56	78.16	40.42	7.73	341.74	38	138.82	112.35	79.07	41.43	8.71	342.61
137.66	110.92	77.64	40.42	7.93	341.72	37	138.46	111.72	78.55	41.43	8.91	342.60
137.30	110.30	77.15	40.42	8.11	341.70	36	138.11	111.11	78.06	41.43	9.10	342.59
136.95	109.70	76.67	40.42	8.29	341.68	35	137.76	110.51	77.58	41.43	9.28	342.57
136.60	109.11	76.22	40.42	8.46	341.66	34	137.42	109.93	77.13	41.43	9.45	342.56
136.25	108.54	75.78	40.42	8.63	341.63	33	137.08	109.36	76.70	41.43	9.62	342.54
135.91	107.98	75.36	40.42	8.79	341.60	32	136.75	108.81	76.28	41.43	9.78	342.51
135.57	107.44	74.96	40.42	8.94	341.57	31	136.41	108.27	75.89	41.43	9.94	342.48
135.24	106.91	74.58	40.42	9.08	341.54	30	136.08	107.75	75.50	41.43	10.08	342.45
134.90	106.39	74.21	40.42	9.22	341.50	29	135.76	107.24	75.14	41.43	10.22	342.42
134.57	105.89	73.86	40.42	9.35	341.45	28	135.43	106.74	74.79	41.43	10.35	342.38
134.25	105.40	73.52	40.42	9.47	341.41	27	135.11	106.26	74.45	41.43	10.48	342.34
133.92	104.92	73.19	40.42	9.59	341.35	26	134.79	105.78	74.13	41.43	10.60	342.29
133.60	104.46	72.88	40.42	9.70	341.30	25	134.47	105.32	73.82	41.43	10.71	342.24
133.28	104.01	72.59	40.42	9.80	341.24	24	134.15	104.88	73.53	41.43	10.81	342.18
132.96	103.57	72.30	40.42	9.90	341.17	23	133.84	104.44	73.25	41.43	10.91	342.12
132.64	103.14	72.03	40.42	9.99	341.10	22	133.52	104.02	72.97	41.43	11.00	342.05
132.32	102.72	71.77	40.42	10.07	341.02	21	133.21	103.60	72.72	41.43	11.09	341.98
132.01	102.31	71.52	40.42	10.14	340.94	20	132.90	103.20	72.47	41.43	11.16	341.90
131.69	101.92	71.28	40.42	10.21	340.85	19	132.59	102.81	72.23	41.43	11.23	341.81
131.37	101.53	71.05	40.42	10.27	340.75	18	132.28	102.43	72.00	41.43	11.30	341.72
131.06	101.16	70.84	40.42	10.33	340.65	17	131.97	102.05	71.79	41.43	11.35	341.62
130.75	100.79	70.63	40.42	10.38	340.54	16	131.66	101.69	71.58	41.43	11.40	341.52
130.43	100.44	70.43	40.42	10.42	340.42	15	131.35	101.34	71.38	41.43	11.45	341.40
130.12	100.09	70.24	40.42	10.45	340.30	14	131.04	101.00	71.19	41.43	11.48	341.28
129.81	99.75	70.06	40.42	10.48	340.17	13	130.73	100.66	71.01	41.43	11.51	341.16
129.49	99.42	69.88	40.42	10.50	340.03	12	130.42	100.34	70.84	41.43	11.53	341.02
129.18	99.10	69.72	40.42	10.51	339.89	11	130.11	100.02	70.68	41.43	11.55	340.88
128.86	98.79	69.56	40.42	10.52	339.73	10	129.80	99.71	70.52	41.43	11.55	340.73
128.55	98.49	69.41	40.42	10.52	339.57	9	129.49	99.41	70.38	41.43	11.55	340.57
128.23	98.19	69.27	40.42	10.51	339.40	8	129.18	99.12	70.24	41.43	11.55	340.41
127.91	97.90	69.14	40.42	10.49	339.22	7	128.86	98.83	70.10	41.43	11.53	340.23
127.59	97.62	69.01	40.42	10.47	339.04	6	128.55	98.55	69.98	41.43	11.51	340.05
127.27	97.34	68.89	40.42	10.44	338.84	5	128.23	98.28	69.86	41.43	11.48	339.85
126.95	97.08	68.78	40.42	10.40	338.63	4	127.91	98.02	69.75	41.43	11.45	339.65
126.62	96.82	68.67	40.42	10.36	338.42	3	127.59	97.76	69.64	41.43	11.40	339.44
126.29	96.56	68.57	40.42	10.31	338.19	2	127.26	97.51	69.54	41.43	11.35	339.21
125.96	96.31	68.48	40.42	10.24	337.96	1	126.94	97.26	69.45	41.43	11.29	338.98
125.63	96.07	68.39	40.42	10.18	337.71	0	126.61	97.02	69.36	41.43	11.22	338.74

40° Sternzeit 2h40min						41° Sternzeit 2h44min						
Abz.	XII	XI	MC	IX	VIII	Br.	Abz.	XII	XI	MC	IX	VIII
151.41	136.21	106.35	42.45	2.10	344.31	64	151.97	136.74	107.00	43.46	2.87	344.94
150.80	135.03	104.60	42.45	2.45	344.18	63	151.38	135.57	105.27	43.46	3.24	344.83
150.21	133.87	102.93	42.45	2.80	344.07	62	150.80	134.43	103.63	43.46	3.60	344.74
149.64	132.74	101.35	42.45	3.15	343.98	61	150.24	133.32	102.06	43.46	3.96	344.65
149.08	131.64	99.85	42.45	3.50	343.89	60	149.69	132.23	100.57	43.46	4.32	344.58
148.54	130.57	98.41	42.45	3.84	343.82	59	149.16	131.17	99.15	43.46	4.68	344.52
148.01	129.52	97.05	42.45	4.18	343.76	58	148.65	130.13	97.80	43.46	5.03	344.47
147.50	128.49	95.75	42.45	4.52	343.70	57	148.15	129.12	96.52	43.46	5.37	344.43
147.00	127.50	94.52	42.45	4.85	343.66	56	147.66	128.13	95.30	43.46	5.71	344.39
146.52	126.52	93.35	42.45	5.17	343.62	55	147.18	127.17	94.14	43.46	6.05	344.36
146.04	125.57	92.23	42.45	5.49	343.59	54	146.72	126.23	93.03	43.46	6.38	344.34
145.58	124.64	91.17	42.45	5.80	343.56	53	146.26	125.31	91.98	43.46	6.70	344.33
145.12	123.73	90.15	42.45	6.11	343.54	52	145.82	124.41	90.97	43.46	7.01	344.31
144.68	122.85	89.19	42.45	6.41	343.53	51	145.38	123.54	90.01	43.46	7.32	344.31
144.25	121.98	88.26	42.45	6.71	343.52	50	144.96	122.68	89.10	43.46	7.62	344.30
143.82	121.14	87.39	42.45	7.00	343.51	49	144.54	121.85	88.23	43.46	7.92	344.30
143.40	120.32	86.55	42.45	7.28	343.50	48	144.13	121.04	87.40	43.46	8.20	344.30
143.00	119.52	85.75	42.45	7.55	343.50	47	143.73	120.24	86.60	43.46	8.48	344.31
142.60	118.74	84.98	42.45	7.82	343.49	46	143.34	119.47	85.85	43.46	8.75	344.31
142.20	117.97	84.25	42.45	8.08	343.49	45	142.95	118.72	85.12	43.46	9.02	344.32
141.81	117.23	83.56	42.45	8.33	343.49	44	142.57	117.98	84.43	43.46	9.27	344.33
141.43	116.51	82.89	42.45	8.57	343.49	43	142.20	117.26	83.77	43.46	9.52	344.33
141.06	115.80	82.25	42.45	8.81	343.49	42	141.83	116.57	83.13	43.46	9.77	344.34
140.69	115.11	81.64	42.45	9.04	343.49	41	141.47	115.88	82.53	43.46	10.00	344.35
140.33	114.44	81.06	42.45	9.26	343.49	40	141.11	115.22	81.95	43.46	10.23	344.35
139.97	113.78	80.50	42.45	9.48	343.49	39	140.76	114.57	81.40	43.46	10.45	344.36
139.62	113.14	79.97	42.45	9.68	343.49	38	140.42	113.94	80.87	43.46	10.66	344.36
139.27	112.52	79.45	42.45	9.88	343.48	37	140.07	113.32	80.36	43.46	10.86	344.36
138.92	111.92	78.96	42.45	10.08	343.47	36	139.73	112.72	79.87	43.46	11.06	344.36
138.58	111.32	78.50	42.45	10.26	343.46	35	139.40	112.14	79.40	43.46	11.24	344.36
138.24	110.75	78.05	42.45	10.44	343.45	34	139.07	111.57	78.96	43.46	11.43	344.35
137.91	110.19	77.62	42.45	10.61	343.44	33	138.74	111.01	78.53	43.46	11.60	344.34
137.58	109.64	77.20	42.45	10.77	343.42	32	138.42	110.47	78.12	43.46	11.77	344.33
137.25	109.11	76.81	42.45	10.93	343.40	31	138.09	109.94	77.73	43.46	11.93	344.31
136.93	108.59	76.43	42.45	11.08	343.37	30	137.78	109.43	77.35	43.46	12.08	344.29
136.61	108.08	76.07	42.45	11.22	343.34	29	137.46	108.93	76.99	43.46	12.22	344.26
136.29	107.59	75.72	42.45	11.36	343.31	28	137.15	108.44	76.65	43.46	12.36	344.23
135.97	107.11	75.38	42.45	11.48	343.27	27	136.83	107.97	76.31	43.46	12.49	344.20
135.66	106.64	75.06	42.45	11.61	343.23	26	136.52	107.50	76.00	43.46	12.61	344.16
135.34	106.19	74.76	42.45	11.72	343.18	25	136.22	107.05	75.69	43.46	12.73	344.12
135.03	105.75	74.47	42.45	11.83	343.13	24	135.91	106.62	75.40	43.46	12.84	344.07
134.72	105.31	74.18	42.45	11.93	343.07	23	135.60	106.19	75.12	43.46	12.94	344.02
134.41	104.89	73.92	42.45	12.02	343.00	22	135.30	105.77	74.86	43.46	13.03	343.96
134.10	104.48	73.66	42.45	12.10	342.93	21	135.00	105.37	74.60	43.46	13.12	343.89
133.80	104.09	73.41	42.45	12.18	342.86	20	134.69	104.97	74.36	43.46	13.20	343.82
133.49	103.70	73.18	42.45	12.25	342.78	19	134.39	104.59	74.12	43.46	13.27	343.74
133.19	103.32	72.95	42.45	12.32	342.69	18	134.09	104.22	73.90	43.46	13.34	343.66
132.88	102.95	72.74	42.45	12.38	342.59	17	133.79	103.85	73.68	43.46	13.40	343.57
132.58	102.59	72.53	42.45	12.43	342.49	16	133.49	103.50	73.48	43.46	13.45	343.47
132.27	102.25	72.33	42.45	12.47	342.38	15	133.19	103.15	73.29	43.46	13.50	343.36
131.97	101.91	72.15	42.45	12.51	342.27	14	132.89	102.82	73.10	43.46	13.54	343.25
131.66	101.58	71.97	42.45	12.54	342.14	13	132.59	102.49	72.92	43.46	13.57	343.13
131.35	101.25	71.80	42.45	12.56	342.01	12	132.29	102.17	72.75	43.46	13.59	343.01
131.05	100.94	71.64	42.45	12.58	341.88	11	131.99	101.86	72.59	43.46	13.61	342.87
130.74	100.64	71.48	42.45	12.59	341.73	10	131.68	101.56	72.44	43.46	13.62	342.73
130.43	100.34	71.34	42.45	12.59	341.57	9	131.38	101.27	72.30	43.46	13.62	342.58
130.12	100.05	71.20	42.45	12.58	341.41	8	131.08	100.98	72.16	43.46	13.62	342.42
129.81	99.77	71.07	42.45	12.57	341.24	7	130.77	100.70	72.03	43.46	13.61	342.25
129.50	99.49	70.94	42.45	12.55	341.06	6	130.46	100.43	71.91	43.46	13.59	342.07
129.19	99.22	70.83	42.45	12.52	340.87	5	130.15	100.16	71.79	43.46	13.56	341.88
128.87	98.96	70.72	42.45	12.49	340.67	4	129.84	99.90	71.68	43.46	13.53	341.68
128.56	98.71	70.61	42.45	12.44	340.46	3	129.53	99.65	71.58	43.46	13.48	341.48
128.24	98.46	70.51	42.45	12.39	340.24	2	129.21	99.41	71.48	43.46	13.43	341.26
127.91	98.21	70.42	42.45	12.33	340.01	1	128.89	99.17	71.39	43.46	13.38	341.03
127.59	97.98	70.34	42.45	12.27	339.77	0	128.57	98.93	71.30	43.46	13.31	340.80

42°		Sternzeit				2h48min	43°		Sternzeit				2h52min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
152.54	137.28	107.66	44.46	3.65	345.58	64	153.10	137.81	108.31	45.47	4.43	346.21	
151.95	136.12	105.95	44.46	4.03	345.48	63	152.53	136.67	106.62	45.47	4.82	346.13	
151.39	134.99	104.32	44.46	4.41	345.40	62	151.98	135.56	105.01	45.47	5.21	346.06	
150.84	133.89	102.77	44.46	4.78	345.33	61	151.44	134.47	103.48	45.47	5.59	346.00	
150.30	132.82	101.29	44.46	5.15	345.27	60	150.92	133.41	102.02	45.47	5.97	345.95	
149.79	131.77	99.89	44.46	5.51	345.22	59	150.41	132.37	100.63	45.47	6.35	345.92	
149.28	130.75	98.56	44.46	5.87	345.18	58	149.92	131.36	99.31	45.47	6.72	345.89	
148.79	129.75	97.29	44.46	6.23	345.15	57	149.44	130.37	98.05	45.47	7.09	345.87	
148.31	128.77	96.08	44.46	6.58	345.12	56	148.97	129.41	96.85	45.47	7.44	345.85	
147.85	127.82	94.93	44.46	6.92	345.10	55	148.51	128.47	95.71	45.47	7.80	345.84	
147.39	126.89	93.83	44.46	7.26	345.09	54	148.07	127.55	94.63	45.47	8.14	345.84	
146.95	125.98	92.78	44.46	7.59	345.09	53	147.63	126.65	93.59	45.47	8.48	345.85	
146.51	125.09	91.79	44.46	7.91	345.08	52	147.20	125.77	92.61	45.47	8.81	345.85	
146.09	124.23	90.84	44.46	8.23	345.09	51	146.79	124.92	91.66	45.47	9.13	345.86	
145.67	123.38	89.93	44.46	8.53	345.09	50	146.38	124.08	90.77	45.47	9.44	345.88	
145.26	122.56	89.07	44.46	8.83	345.10	49	145.98	123.27	89.91	45.47	9.75	345.89	
144.86	121.76	88.25	44.46	9.13	345.11	48	145.59	122.47	89.09	45.47	10.05	345.91	
144.47	120.97	87.46	44.46	9.41	345.12	47	145.20	121.70	88.31	45.47	10.34	345.93	
144.08	120.21	86.71	44.46	9.69	345.13	46	144.83	120.94	87.56	45.47	10.62	345.95	
143.70	119.46	85.99	44.46	9.96	345.15	45	144.46	120.20	86.85	45.47	10.90	345.97	
143.33	118.73	85.30	44.46	10.22	345.16	44	144.09	119.49	86.17	45.47	11.17	346.00	
142.97	118.02	84.64	44.46	10.47	345.18	43	143.73	118.78	85.52	45.47	11.42	346.02	
142.61	117.33	84.02	44.46	10.72	345.19	42	143.38	118.10	84.89	45.47	11.67	346.04	
142.25	116.66	83.41	44.46	10.96	345.20	41	143.03	117.43	84.30	45.47	11.92	346.06	
141.90	116.00	82.84	44.46	11.19	345.22	40	142.69	116.78	83.73	45.47	12.15	346.08	
141.56	115.36	82.29	44.46	11.41	345.23	39	142.35	116.15	83.18	45.47	12.38	346.09	
141.21	114.73	81.76	44.46	11.63	345.23	38	142.01	115.53	82.66	45.47	12.60	346.11	
140.88	114.12	81.26	44.46	11.83	345.24	37	141.68	114.92	82.16	45.47	12.81	346.12	
140.55	113.53	80.77	44.46	12.03	345.25	36	141.36	114.34	81.68	45.47	13.01	346.13	
140.22	112.95	80.31	44.46	12.23	345.25	35	141.04	113.76	81.22	45.47	13.20	346.14	
139.89	112.39	79.87	44.46	12.41	345.25	34	140.72	113.20	80.78	45.47	13.39	346.14	
139.57	111.84	79.44	44.46	12.59	345.24	33	140.40	112.66	80.35	45.47	13.57	346.14	
139.25	111.30	79.04	44.46	12.76	345.23	32	140.09	112.13	79.95	45.47	13.74	346.14	
138.94	110.78	78.65	44.46	12.92	345.22	31	139.78	111.61	79.56	45.47	13.91	346.13	
138.62	110.27	78.27	44.46	13.07	345.21	30	139.47	111.11	79.19	45.47	14.06	346.12	
138.31	109.77	77.91	44.46	13.22	345.19	29	139.17	110.62	78.84	45.47	14.21	346.11	
138.00	109.29	77.57	44.46	13.36	345.16	28	138.86	110.14	78.49	45.47	14.36	346.09	
137.70	108.82	77.24	44.46	13.49	345.13	27	138.56	109.68	78.17	45.47	14.49	346.06	
137.39	108.36	76.93	44.46	13.62	345.10	26	138.26	109.23	77.85	45.47	14.62	346.03	
137.09	107.92	76.62	44.46	13.73	345.06	25	137.96	108.78	77.55	45.47	14.74	346.00	
136.79	107.48	76.34	44.46	13.84	345.01	24	137.67	108.35	77.27	45.47	14.85	345.96	
136.49	107.06	76.06	44.46	13.95	344.97	23	137.37	107.94	76.99	45.47	14.96	345.91	
136.19	106.65	75.79	44.46	14.04	344.91	22	137.08	107.53	76.73	45.47	15.05	345.86	
135.89	106.25	75.54	44.46	14.13	344.85	21	136.79	107.13	76.48	45.47	15.15	345.81	
135.59	105.86	75.30	44.46	14.22	344.78	20	136.49	106.75	76.24	45.47	15.23	345.74	
135.30	105.48	75.06	44.46	14.29	344.71	19	136.20	106.37	76.00	45.47	15.31	345.67	
135.00	105.11	74.84	44.46	14.36	344.63	18	135.91	106.01	75.78	45.47	15.38	345.60	
134.70	104.75	74.63	44.46	14.42	344.54	17	135.62	105.65	75.57	45.47	15.44	345.51	
134.41	104.40	74.43	44.46	14.47	344.45	16	135.33	105.30	75.37	45.47	15.49	345.42	
134.11	104.06	74.23	44.46	14.52	344.35	15	135.04	104.97	75.18	45.47	15.54	345.33	
133.82	103.73	74.05	44.46	14.56	344.24	14	134.75	104.64	75.00	45.47	15.58	345.22	
133.52	103.40	73.87	44.46	14.59	344.12	13	134.45	104.32	74.82	45.47	15.62	345.11	
133.22	103.09	73.71	44.46	14.62	344.00	12	134.16	104.01	74.66	45.47	15.64	344.99	
132.93	102.78	73.55	44.46	14.64	343.87	11	133.87	103.70	74.50	45.47	15.66	344.86	
132.63	102.48	73.40	44.46	14.65	343.73	10	133.57	103.41	74.35	45.47	15.68	344.73	
132.33	102.19	73.25	44.46	14.65	343.58	9	133.28	103.12	74.21	45.47	15.68	344.58	
132.03	101.91	73.12	44.46	14.65	343.42	8	132.98	102.84	74.07	45.47	15.68	344.43	
131.73	101.63	72.99	44.46	14.64	343.26	7	132.69	102.57	73.95	45.47	15.67	344.27	
131.42	101.37	72.87	44.46	14.62	343.08	6	132.39	102.30	73.82	45.47	15.65	344.09	
131.12	101.10	72.75	44.46	14.60	342.90	5	132.09	102.05	73.71	45.47	15.63	343.91	
130.81	100.85	72.64	44.46	14.56	342.70	4	131.78	101.79	73.60	45.47	15.60	343.72	
130.50	100.60	72.54	44.46	14.52	342.50	3	131.48	101.55	73.50	45.47	15.56	343.52	
130.19	100.36	72.45	44.46	14.47	342.29	2	131.17	101.31	73.41	45.47	15.51	343.31	
129.87	100.12	72.36	44.46	14.42	342.06	1	130.86	101.07	73.32	45.47	15.46	343.09	
129.56	99.89	72.27	44.46	14.35	341.83	0	130.55	100.85	73.24	45.47	15.39	342.86	

44°

Sternzeit

2h56min

45°

Sternzeit

3h 0min

Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
153.66	138.35	108.97	46.47	5.20	346.85	64	154.23	138.88	109.62	47.47	5.98	347.48
153.11	137.22	107.29	46.47	5.61	346.78	63	153.68	137.77	107.97	47.47	6.39	347.43
152.57	136.12	105.70	46.47	6.01	346.72	62	153.16	136.69	106.39	47.47	6.81	347.38
152.04	135.05	104.19	46.47	6.41	346.67	61	152.64	135.63	104.90	47.47	7.22	347.35
151.53	134.00	102.74	46.47	6.80	346.64	60	152.14	134.59	103.47	47.47	7.62	347.32
151.03	132.98	101.37	46.47	7.19	346.61	59	151.66	133.58	102.11	47.47	8.02	347.31
150.55	131.98	100.06	46.47	7.57	346.60	58	151.19	132.59	100.81	47.47	8.41	347.30
150.08	131.00	98.82	46.47	7.94	346.59	57	150.73	131.63	99.58	47.47	8.79	347.31
149.62	130.05	97.63	46.47	8.31	346.58	56	150.28	130.69	98.41	47.47	9.17	347.31
149.18	129.12	96.50	46.47	8.67	346.59	55	149.84	129.77	97.29	47.47	9.54	347.32
148.74	128.21	95.43	46.47	9.02	346.59	54	149.42	128.87	96.22	47.47	9.90	347.34
148.31	127.32	94.40	46.47	9.37	346.61	53	149.00	127.99	95.20	47.47	10.25	347.36
147.90	126.45	93.42	46.47	9.70	346.62	52	148.59	127.14	94.23	47.47	10.60	347.39
147.49	125.61	92.49	46.47	10.03	346.64	51	148.19	126.30	93.31	47.47	10.93	347.42
147.09	124.78	91.60	46.47	10.35	346.66	50	147.80	125.49	92.43	47.47	11.26	347.45
146.70	123.98	90.75	46.47	10.67	346.69	49	147.42	124.69	91.58	47.47	11.58	347.48
146.32	123.19	89.94	46.47	10.97	346.71	48	147.04	123.91	90.78	47.47	11.89	347.52
145.94	122.43	89.16	46.47	11.27	346.74	47	146.68	123.15	90.01	47.47	12.19	347.55
145.57	121.68	88.42	46.47	11.56	346.77	46	146.31	122.42	89.28	47.47	12.49	347.59
145.21	120.95	87.71	46.47	11.84	346.80	45	145.96	121.69	88.58	47.47	12.77	347.62
144.85	120.24	87.04	46.47	12.11	346.83	44	145.61	120.99	87.90	47.47	13.05	347.66
144.50	119.54	86.39	46.47	12.37	346.86	43	145.26	120.30	87.26	47.47	13.32	347.70
144.15	118.87	85.77	46.47	12.63	346.88	42	144.92	119.63	86.65	47.47	13.58	347.73
143.81	118.21	85.18	46.47	12.87	346.91	41	144.59	118.98	86.06	47.47	13.83	347.76
143.47	117.56	84.61	46.47	13.11	346.94	40	144.26	118.34	85.50	47.47	14.07	347.80
143.14	116.93	84.07	46.47	13.34	346.96	39	143.94	117.72	84.96	47.47	14.30	347.82
142.81	116.32	83.55	46.47	13.56	346.98	38	143.61	117.12	84.44	47.47	14.53	347.85
142.49	115.72	83.05	46.47	13.78	347.00	37	143.30	116.53	83.95	47.47	14.75	347.88
142.17	115.14	82.58	46.47	13.98	347.01	36	142.98	115.95	83.48	47.47	14.96	347.90
141.86	114.58	82.12	46.47	14.18	347.03	35	142.67	115.39	83.02	47.47	15.16	347.92
141.54	114.02	81.68	46.47	14.37	347.04	34	142.37	114.84	82.59	47.47	15.35	347.93
141.23	113.49	81.26	46.47	14.56	347.04	33	142.06	114.31	82.17	47.47	15.54	347.94
140.93	112.96	80.86	46.47	14.73	347.05	32	141.76	113.79	81.77	47.47	15.71	347.95
140.62	112.45	80.48	46.47	14.90	347.04	31	141.46	113.29	81.39	47.47	15.88	347.96
140.32	111.95	80.11	46.47	15.06	347.04	30	141.17	112.79	81.02	47.47	16.05	347.96
140.02	111.47	79.75	46.47	15.21	347.03	29	140.87	112.31	80.67	47.47	16.20	347.95
139.72	110.99	79.42	46.47	15.35	347.01	28	140.58	111.85	80.34	47.47	16.35	347.94
139.43	110.53	79.09	46.47	15.49	346.99	27	140.29	111.39	80.01	47.47	16.49	347.93
139.13	110.09	78.78	46.47	15.62	346.97	26	140.00	110.95	79.70	47.47	16.62	347.91
138.84	109.65	78.48	46.47	15.74	346.94	25	139.72	110.52	79.41	47.47	16.74	347.88
138.55	109.22	78.20	46.47	15.86	346.90	24	139.43	110.09	79.13	47.47	16.86	347.85
138.26	108.81	77.92	46.47	15.96	346.86	23	139.15	109.69	78.85	47.47	16.97	347.81
137.97	108.41	77.66	46.47	16.06	346.82	22	138.86	109.29	78.59	47.47	17.07	347.77
137.68	108.02	77.41	46.47	16.16	346.76	21	138.58	108.90	78.35	47.47	17.16	347.72
137.39	107.63	77.17	46.47	16.24	346.70	20	138.30	108.52	78.11	47.47	17.25	347.67
137.11	107.26	76.94	46.47	16.32	346.64	19	138.01	108.15	77.88	47.47	17.33	347.61
136.82	106.90	76.72	46.47	16.39	346.57	18	137.73	107.80	77.66	47.47	17.40	347.54
136.53	106.55	76.52	46.47	16.45	346.49	17	137.45	107.45	77.46	47.47	17.47	347.46
136.25	106.21	76.32	46.47	16.51	346.40	16	137.17	107.11	77.26	47.47	17.53	347.38
135.96	105.87	76.13	46.47	16.56	346.31	15	136.89	106.78	77.07	47.47	17.58	347.29
135.68	105.55	75.94	46.47	16.60	346.21	14	136.61	106.46	76.89	47.47	17.62	347.19
135.39	105.23	75.77	46.47	16.64	346.10	13	136.32	106.15	76.72	47.47	17.66	347.09
135.10	104.92	75.61	46.47	16.67	345.98	12	136.04	105.84	76.55	47.47	17.69	346.98
134.81	104.63	75.45	46.47	16.69	345.86	11	135.76	105.55	76.40	47.47	17.71	346.86
134.52	104.33	75.30	46.47	16.70	345.73	10	135.47	105.26	76.25	47.47	17.73	346.73
134.23	104.05	75.16	46.47	16.71	345.59	9	135.19	104.98	76.11	47.47	17.74	346.59
133.94	103.77	75.03	46.47	16.71	345.44	8	134.90	104.71	75.98	47.47	17.74	346.44
133.65	103.50	74.90	46.47	16.70	345.28	7	134.61	104.44	75.86	47.47	17.73	346.29
133.35	103.24	74.78	46.47	16.69	345.11	6	134.32	104.18	75.74	47.47	17.71	346.12
133.06	102.99	74.67	46.47	16.66	344.93	5	134.03	103.93	75.63	47.47	17.69	345.95
132.76	102.74	74.56	46.47	16.63	344.75	4	133.73	103.69	75.52	47.47	17.66	345.77
132.46	102.50	74.46	46.47	16.59	344.55	3	133.44	103.45	75.42	47.47	17.63	345.57
132.15	102.26	74.37	46.47	16.55	344.34	2	133.14	103.21	75.33	47.47	17.58	345.37
131.85	102.03	74.28	46.47	16.49	344.12	1	132.84	102.99	75.25	47.47	17.53	345.16
131.54	101.81	74.20	46.47	16.43	343.90	0	132.53	102.77	75.17	47.47	17.47	344.93

46°		Sternzeit				3h 4min	47°		Sternzeit				3h 8min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
154.79	139.42	110.28	48.46	6.75	348.12	64	155.36	139.96	110.94	49.45	7.52	348.75	
154.26	138.33	108.64	48.46	7.18	348.07	63	154.84	138.88	109.32	49.45	7.97	348.72	
153.75	137.25	107.09	48.46	7.61	348.04	62	154.34	137.82	107.78	49.45	8.41	348.70	
153.24	136.21	105.60	48.46	8.03	348.02	61	153.85	136.79	106.31	49.45	8.84	348.69	
152.76	135.19	104.19	48.46	8.44	348.01	60	153.37	135.78	104.92	49.45	9.27	348.69	
152.28	134.19	102.85	48.46	8.85	348.01	59	152.91	134.79	103.58	49.45	9.68	348.70	
151.82	133.21	101.57	48.46	9.25	348.01	58	152.46	133.83	102.32	49.45	10.10	348.72	
151.37	132.26	100.34	48.46	9.65	348.02	57	152.02	132.89	101.11	49.45	10.50	348.74	
150.94	131.33	99.18	48.46	10.03	348.04	56	151.59	131.97	99.96	49.45	10.89	348.77	
150.51	130.42	98.07	48.46	10.41	348.06	55	151.18	131.07	98.86	49.45	11.28	348.80	
150.09	129.53	97.02	48.46	10.78	348.09	54	150.77	130.20	97.81	49.45	11.66	348.84	
149.68	128.67	96.01	48.46	11.14	348.12	53	150.37	129.34	96.81	49.45	12.02	348.88	
149.29	127.82	95.05	48.46	11.49	348.16	52	149.98	128.50	95.86	49.45	12.38	348.92	
148.90	126.99	94.13	48.46	11.83	348.20	51	149.60	127.69	94.95	49.45	12.73	348.97	
148.51	126.19	93.26	48.46	12.17	348.23	50	149.23	126.89	94.08	49.45	13.07	349.02	
148.14	125.40	92.42	48.46	12.49	348.28	49	148.86	126.11	93.25	49.45	13.41	349.07	
147.77	124.63	91.62	48.46	12.81	348.32	48	148.50	125.35	92.46	49.45	13.73	349.12	
147.41	123.88	90.86	48.46	13.12	348.36	47	148.15	124.61	91.71	49.45	14.04	349.17	
147.06	123.15	90.13	48.46	13.42	348.41	46	147.80	123.89	90.98	49.45	14.35	349.22	
146.71	122.44	89.43	48.46	13.71	348.45	45	147.46	123.18	90.29	49.45	14.64	349.27	
146.37	121.74	88.77	48.46	13.99	348.49	44	147.13	122.50	89.63	49.45	14.93	349.32	
146.03	121.06	88.13	48.46	14.26	348.54	43	146.80	121.82	89.00	49.45	15.21	349.37	
145.70	120.40	87.52	48.46	14.53	348.58	42	146.47	121.17	88.39	49.45	15.47	349.42	
145.37	119.75	86.94	48.46	14.78	348.62	41	146.15	120.53	87.82	49.45	15.73	349.47	
145.05	119.12	86.38	48.46	15.03	348.65	40	145.84	119.91	87.26	49.45	15.98	349.51	
144.73	118.51	85.85	48.46	15.27	348.69	39	145.52	119.30	86.73	49.45	16.22	349.56	
144.42	117.91	85.33	48.46	15.49	348.72	38	145.22	118.71	86.22	49.45	16.46	349.59	
144.10	117.33	84.84	48.46	15.72	348.75	37	144.91	118.13	85.73	49.45	16.68	349.63	
143.80	116.76	84.37	48.46	15.93	348.78	36	144.61	117.57	85.27	49.45	16.90	349.67	
143.49	116.20	83.92	48.46	16.13	348.81	35	144.31	117.02	84.82	49.45	17.11	349.70	
143.19	115.66	83.49	48.46	16.33	348.83	34	144.02	116.48	84.39	49.45	17.30	349.72	
142.90	115.14	83.08	48.46	16.52	348.84	33	143.73	115.96	83.98	49.45	17.50	349.74	
142.60	114.62	82.68	48.46	16.70	348.86	32	143.44	115.45	83.59	49.45	17.68	349.76	
142.31	114.12	82.30	48.46	16.87	348.87	31	143.15	114.96	83.21	49.45	17.85	349.78	
142.02	113.63	81.94	48.46	17.03	348.87	30	142.87	114.48	82.85	49.45	18.02	349.79	
141.73	113.16	81.59	48.46	17.19	348.87	29	142.59	114.01	82.50	49.45	18.18	349.79	
141.44	112.70	81.25	48.46	17.34	348.87	28	142.30	113.55	82.17	49.45	18.33	349.79	
141.16	112.25	80.93	48.46	17.48	348.86	27	142.03	113.10	81.85	49.45	18.47	349.79	
140.88	111.81	80.63	48.46	17.61	348.84	26	141.75	112.67	81.55	49.45	18.61	349.78	
140.59	111.38	80.33	48.46	17.74	348.82	25	141.47	112.25	81.26	49.45	18.74	349.76	
140.31	110.97	80.05	48.46	17.86	348.79	24	141.20	111.84	80.98	49.45	18.86	349.74	
140.03	110.56	79.78	48.46	17.97	348.76	23	140.92	111.44	80.71	49.45	18.97	349.71	
139.76	110.17	79.52	48.46	18.07	348.72	22	140.65	111.05	80.45	49.45	19.08	349.68	
139.48	109.78	79.28	48.46	18.17	348.68	21	140.38	110.67	80.21	49.45	19.17	349.64	
139.20	109.41	79.04	48.46	18.26	348.63	20	140.10	110.30	79.97	49.45	19.27	349.59	
138.92	109.05	78.82	48.46	18.34	348.57	19	139.83	109.94	79.75	49.45	19.35	349.54	
138.65	108.69	78.60	48.46	18.42	348.51	18	139.56	109.59	79.54	49.45	19.42	349.48	
138.37	108.35	78.39	48.46	18.48	348.44	17	139.29	109.25	79.33	49.45	19.49	349.41	
138.09	108.01	78.20	48.46	18.54	348.36	16	139.02	108.92	79.14	49.45	19.56	349.34	
137.82	107.69	78.01	48.46	18.60	348.27	15	138.75	108.60	78.95	49.45	19.61	349.26	
137.54	107.37	77.83	48.46	18.64	348.18	14	138.47	108.28	78.77	49.45	19.66	349.17	
137.26	107.06	77.66	48.46	18.68	348.08	13	138.20	107.98	78.61	49.45	19.70	349.07	
136.98	106.76	77.50	48.46	18.71	347.97	12	137.93	107.68	78.44	49.45	19.73	348.97	
136.70	106.47	77.35	48.46	18.73	347.85	11	137.65	107.40	78.29	49.45	19.75	348.85	
136.42	106.19	77.20	48.46	18.75	347.73	10	137.38	107.11	78.15	49.45	19.77	348.73	
136.14	105.91	77.06	48.46	18.76	347.60	9	137.10	106.84	78.01	49.45	19.78	348.60	
135.86	105.64	76.93	48.46	18.76	347.45	8	136.82	106.58	77.88	49.45	19.78	348.46	
135.58	105.38	76.81	48.46	18.76	347.30	7	136.55	106.32	77.76	49.45	19.78	348.32	
135.29	105.12	76.69	48.46	18.74	347.14	6	136.26	106.07	77.64	49.45	19.77	348.16	
135.00	104.88	76.58	48.46	18.72	346.97	5	135.98	105.82	77.54	49.45	19.75	347.99	
134.71	104.63	76.48	48.46	18.69	346.79	4	135.70	105.58	77.43	49.45	19.72	347.82	
134.42	104.40	76.38	48.46	18.66	346.60	3	135.41	105.35	77.34	49.45	19.69	347.63	
134.13	104.17	76.29	48.46	18.61	346.40	2	135.12	105.13	77.25	49.45	19.64	347.43	
133.83	103.95	76.21	48.46	18.56	346.19	1	134.83	104.91	77.17	49.45	19.59	347.23	
133.53	103.73	76.13	48.46	18.50	345.97	0	134.53	104.69	77.09	49.45	19.53	347.01	

48°

Sternzeit

3h12min

49°

Sternzeit

3h16min

Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
155.93	140.50	111.60	50.44	8.29	349.38	64	156.49	141.05	112.26	51.43	9.06	350.02
155.42	139.44	110.00	50.44	8.75	349.37	63	156.00	139.99	110.68	51.43	9.54	350.01
154.93	138.39	108.48	50.44	9.20	349.36	62	155.52	138.96	109.17	51.43	10.00	350.02
154.45	137.37	107.02	50.44	9.65	349.37	61	155.05	137.96	107.73	51.43	10.46	350.04
153.99	136.38	105.64	50.44	10.09	349.38	60	154.60	136.97	106.37	51.43	10.91	350.06
153.53	135.40	104.32	50.44	10.52	349.40	59	154.16	136.01	105.06	51.43	11.35	350.09
153.09	134.45	103.07	50.44	10.94	349.43	58	153.73	135.07	103.82	51.43	11.78	350.13
152.67	133.52	101.87	50.44	11.35	349.46	57	153.31	134.15	102.63	51.43	12.20	350.18
152.25	132.61	100.73	50.44	11.75	349.50	56	152.91	133.26	101.50	51.43	12.61	350.23
151.84	131.73	99.64	50.44	12.15	349.54	55	152.51	132.38	100.43	51.43	13.01	350.28
151.44	130.86	98.60	50.44	12.53	349.59	54	152.12	131.52	99.40	51.43	13.41	350.34
151.05	130.01	97.62	50.44	12.91	349.64	53	151.74	130.69	98.42	51.43	13.79	350.39
150.67	129.19	96.67	50.44	13.27	349.69	52	151.37	129.87	97.48	51.43	14.16	350.46
150.30	128.38	95.77	50.44	13.63	349.75	51	151.00	129.08	96.59	51.43	14.53	350.52
149.94	127.59	94.91	50.44	13.98	349.80	50	150.65	128.30	95.74	51.43	14.88	350.59
149.58	126.82	94.09	50.44	14.32	349.86	49	150.30	127.54	94.92	51.43	15.23	350.65
149.23	126.07	93.30	50.44	14.65	349.92	48	149.96	126.80	94.14	51.43	15.56	350.72
148.88	125.34	92.55	50.44	14.96	349.98	47	149.62	126.07	93.40	51.43	15.88	350.79
148.55	124.63	91.84	50.44	15.27	350.04	46	149.29	125.37	92.69	51.43	16.20	350.85
148.21	123.93	91.15	50.44	15.57	350.10	45	148.96	124.68	92.01	51.43	16.50	350.92
147.88	123.25	90.49	50.44	15.87	350.16	44	148.64	124.00	91.35	51.43	16.80	350.99
147.56	122.58	89.87	50.44	16.15	350.21	43	148.33	123.35	90.73	51.43	17.09	351.05
147.25	121.94	89.27	50.44	16.42	350.27	42	148.02	122.71	90.14	51.43	17.36	351.11
146.93	121.30	88.69	50.44	16.68	350.32	41	147.71	122.08	89.57	51.43	17.63	351.17
146.62	120.69	88.14	50.44	16.94	350.37	40	147.41	121.47	89.02	51.43	17.89	351.23
146.32	120.09	87.61	50.44	17.18	350.42	39	147.11	120.88	88.50	51.43	18.14	351.28
146.02	119.50	87.11	50.44	17.42	350.47	38	146.82	120.30	87.99	51.43	18.38	351.34
145.72	118.93	86.62	50.44	17.65	350.51	37	146.53	119.73	87.51	51.43	18.61	351.38
145.43	118.37	86.16	50.44	17.87	350.55	36	146.24	119.18	87.05	51.43	18.83	351.43
145.13	117.83	85.72	50.44	18.08	350.58	35	145.96	118.65	86.61	51.43	19.04	351.47
144.85	117.30	85.29	50.44	18.28	350.62	34	145.67	118.12	86.19	51.43	19.25	351.51
144.56	116.79	84.88	50.44	18.47	350.64	33	145.39	117.61	85.79	51.43	19.45	351.54
144.28	116.28	84.49	50.44	18.66	350.67	32	145.12	117.12	85.40	51.43	19.63	351.57
144.00	115.79	84.12	50.44	18.83	350.69	31	144.84	116.63	85.02	51.43	19.81	351.60
143.72	115.32	83.76	50.44	19.00	350.70	30	144.57	116.16	84.67	51.43	19.99	351.62
143.44	114.85	83.42	50.44	19.17	350.71	29	144.30	115.70	84.33	51.43	20.15	351.63
143.17	114.40	83.09	50.44	19.32	350.72	28	144.03	115.25	84.00	51.43	20.31	351.64
142.89	113.96	82.77	50.44	19.46	350.72	27	143.76	114.82	83.69	51.43	20.45	351.65
142.62	113.53	82.47	50.44	19.60	350.71	26	143.50	114.39	83.38	51.43	20.59	351.65
142.35	113.11	82.18	50.44	19.73	350.70	25	143.23	113.98	83.10	51.43	20.73	351.64
142.08	112.71	81.90	50.44	19.85	350.68	24	142.97	113.58	82.82	51.43	20.85	351.63
141.81	112.31	81.63	50.44	19.97	350.66	23	142.70	113.19	82.56	51.43	20.97	351.61
141.54	111.93	81.38	50.44	20.08	350.63	22	142.44	112.81	82.31	51.43	21.08	351.59
141.28	111.55	81.14	50.44	20.18	350.60	21	142.18	112.44	82.06	51.43	21.18	351.55
141.01	111.19	80.90	50.44	20.27	350.55	20	141.92	112.08	81.83	51.43	21.27	351.52
140.74	110.83	80.68	50.44	20.35	350.51	19	141.66	111.73	81.61	51.43	21.36	351.47
140.48	110.49	80.47	50.44	20.43	350.45	18	141.39	111.39	81.40	51.43	21.44	351.42
140.21	110.15	80.27	50.44	20.50	350.39	17	141.13	111.05	81.20	51.43	21.51	351.36
139.94	109.82	80.07	50.44	20.57	350.32	16	140.87	110.73	81.01	51.43	21.57	351.30
139.68	109.51	79.89	50.44	20.62	350.24	15	140.61	110.42	80.83	51.43	21.63	351.22
139.41	109.20	79.71	50.44	20.67	350.15	14	140.35	110.11	80.65	51.43	21.68	351.14
139.14	108.90	79.55	50.44	20.71	350.06	13	140.09	109.81	80.49	51.43	21.72	351.05
138.87	108.60	79.39	50.44	20.74	349.96	12	139.82	109.53	80.33	51.43	21.76	350.96
138.61	108.32	79.24	50.44	20.77	349.85	11	139.56	109.25	80.18	51.43	21.79	350.85
138.33	108.04	79.09	50.44	20.79	349.73	10	139.29	108.97	80.04	51.43	21.81	350.74
138.06	107.77	78.96	50.44	20.80	349.61	9	139.03	108.71	79.90	51.43	21.82	350.62
137.79	107.51	78.83	50.44	20.81	349.47	8	138.76	108.45	79.78	51.43	21.82	350.48
137.52	107.26	78.71	50.44	20.80	349.33	7	138.49	108.20	79.66	51.43	21.82	350.35
137.24	107.01	78.60	50.44	20.79	349.18	6	138.22	107.95	79.55	51.43	21.81	350.20
136.96	106.77	78.49	50.44	20.77	349.01	5	137.94	107.72	79.44	51.43	21.80	350.04
136.68	106.53	78.39	50.44	20.75	348.84	4	137.67	107.49	79.34	51.43	21.77	349.87
136.40	106.31	78.29	50.44	20.71	348.66	3	137.39	107.26	79.25	51.43	21.74	349.69
136.11	106.08	78.21	50.44	20.67	348.47	2	137.11	107.04	79.16	51.43	21.70	349.50
135.83	105.87	78.12	50.44	20.62	348.26	1	136.83	106.83	79.08	51.43	21.65	349.30
135.54	105.66	78.05	50.44	20.57	348.05	0	136.54	106.62	79.01	51.43	21.59	349.09

50°		Sternzeit				3h20min		51°		Sternzeit				3h24min	
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII			
157.06	141.59	112.92	52.41	9.83	350.65	64	157.63	142.14	113.58	53.39	10.60	351.28			
156.58	140.55	111.36	52.41	10.32	350.66	63	157.16	141.11	112.03	53.39	11.10	351.31			
156.11	139.54	109.86	52.41	10.80	350.68	62	156.70	140.11	110.56	53.39	11.59	351.34			
155.66	138.54	108.44	52.41	11.26	350.71	61	156.26	139.13	109.15	53.39	12.07	351.38			
155.21	137.57	107.09	52.41	11.72	350.75	60	155.83	138.17	107.81	53.39	12.54	351.43			
154.79	136.62	105.80	52.41	12.17	350.79	59	155.41	137.23	106.54	53.39	13.00	351.48			
154.37	135.69	104.57	52.41	12.61	350.84	58	155.00	136.32	105.32	53.39	13.45	351.54			
153.96	134.79	103.39	52.41	13.05	350.89	57	154.61	135.42	104.16	53.39	13.89	351.61			
153.56	133.90	102.28	52.41	13.47	350.95	56	154.22	134.55	103.05	53.39	14.32	351.68			
153.17	133.04	101.21	52.41	13.88	351.02	55	153.84	133.69	101.99	53.39	14.74	351.75			
152.80	132.19	100.19	52.41	14.28	351.08	54	153.47	132.86	100.98	53.39	15.15	351.83			
152.43	131.36	99.22	52.41	14.67	351.15	53	153.11	132.04	100.02	53.39	15.55	351.91			
152.06	130.56	98.29	52.41	15.05	351.22	52	152.76	131.25	99.10	53.39	15.94	351.99			
151.71	129.77	97.41	52.41	15.42	351.30	51	152.41	130.47	98.22	53.39	16.32	352.07			
151.36	129.00	96.56	52.41	15.78	351.37	50	152.07	129.71	97.38	53.39	16.68	352.15			
151.02	128.25	95.75	52.41	16.13	351.44	49	151.74	128.97	96.58	53.39	17.04	352.24			
150.69	127.52	94.98	52.41	16.47	351.52	48	151.41	128.24	95.82	53.39	17.39	352.32			
150.36	126.80	94.24	52.41	16.80	351.60	47	151.09	127.53	95.08	53.39	17.72	352.40			
150.03	126.10	93.54	52.41	17.12	351.67	46	150.78	126.84	94.38	53.39	18.05	352.48			
149.72	125.42	92.86	52.41	17.43	351.74	45	150.47	126.17	93.71	53.39	18.36	352.57			
149.40	124.76	92.21	52.41	17.73	351.82	44	150.16	125.51	93.07	53.39	18.67	352.65			
149.10	124.11	91.60	52.41	18.02	351.89	43	149.86	124.87	92.46	53.39	18.96	352.72			
148.79	123.47	91.00	52.41	18.31	351.96	42	149.57	124.24	91.87	53.39	19.25	352.80			
148.49	122.86	90.44	52.41	18.58	352.02	41	149.28	123.63	91.31	53.39	19.52	352.87			
148.20	122.25	89.90	52.41	18.84	352.09	40	148.99	123.04	90.77	53.39	19.79	352.94			
147.91	121.67	89.38	52.41	19.09	352.15	39	148.70	122.46	90.26	53.39	20.04	353.01			
147.62	121.09	88.88	52.41	19.34	352.21	38	148.42	121.89	89.76	53.39	20.29	353.08			
147.34	120.54	88.40	52.41	19.57	352.26	37	148.15	121.34	89.29	53.39	20.53	353.14			
147.06	119.99	87.94	52.41	19.80	352.31	36	147.87	120.80	88.83	53.39	20.76	353.19			
146.78	119.46	87.51	52.41	20.01	352.36	35	147.60	120.28	88.40	53.39	20.98	353.25			
146.50	118.94	87.09	52.41	20.22	352.40	34	147.33	119.76	87.98	53.39	21.19	353.30			
146.23	118.44	86.68	52.41	20.42	352.44	33	147.06	119.27	87.58	53.39	21.39	353.34			
145.96	117.95	86.30	52.41	20.61	352.48	32	146.80	118.78	87.20	53.39	21.58	353.38			
145.69	117.47	85.93	52.41	20.79	352.51	31	146.54	118.31	86.83	53.39	21.77	353.42			
145.42	117.00	85.58	52.41	20.97	352.53	30	146.27	117.85	86.48	53.39	21.95	353.45			
145.16	116.55	85.24	52.41	21.13	352.55	29	146.02	117.40	86.14	53.39	22.11	353.47			
144.89	116.11	84.91	52.41	21.29	352.57	28	145.76	116.96	85.82	53.39	22.27	353.49			
144.63	115.68	84.60	52.41	21.44	352.58	27	145.50	116.53	85.51	53.39	22.43	353.51			
144.37	115.26	84.30	52.41	21.58	352.58	26	145.25	116.12	85.22	53.39	22.57	353.52			
144.11	114.85	84.02	52.41	21.72	352.58	25	144.99	115.72	84.93	53.39	22.71	353.52			
143.85	114.45	83.74	52.41	21.84	352.57	24	144.74	115.32	84.66	53.39	22.83	353.52			
143.59	114.07	83.48	52.41	21.96	352.56	23	144.49	114.94	84.40	53.39	22.95	353.51			
143.34	113.69	83.23	52.41	22.07	352.54	22	144.24	114.57	84.15	53.39	23.07	353.49			
143.08	113.32	82.99	52.41	22.18	352.51	21	143.99	114.21	83.91	53.39	23.17	353.47			
142.83	112.97	82.76	52.41	22.27	352.48	20	143.73	113.86	83.69	53.39	23.27	353.44			
142.57	112.62	82.54	52.41	22.36	352.44	19	143.48	113.52	83.47	53.39	23.36	353.41			
142.31	112.28	82.33	52.41	22.44	352.39	18	143.23	113.18	83.26	53.39	23.44	353.36			
142.06	111.96	82.13	52.41	22.51	352.34	17	142.98	112.86	83.06	53.39	23.52	353.31			
141.80	111.64	81.94	52.41	22.58	352.28	16	142.73	112.55	82.88	53.39	23.58	353.26			
141.55	111.33	81.76	52.41	22.64	352.21	15	142.48	112.24	82.70	53.39	23.64	353.19			
141.29	111.03	81.59	52.41	22.69	352.13	14	142.23	111.94	82.52	53.39	23.70	353.12			
141.03	110.73	81.43	52.41	22.73	352.05	13	141.98	111.65	82.36	53.39	23.74	353.04			
140.77	110.45	81.27	52.41	22.77	351.95	12	141.72	111.37	82.21	53.39	23.78	352.95			
140.51	110.17	81.12	52.41	22.80	351.85	11	141.47	111.10	82.06	53.39	23.81	352.85			
140.25	109.90	80.98	52.41	22.82	351.74	10	141.21	110.83	81.92	53.39	23.83	352.75			
139.99	109.64	80.85	52.41	22.84	351.62	9	140.96	110.58	81.79	53.39	23.85	352.63			
139.73	109.39	80.72	52.41	22.84	351.50	8	140.70	110.33	81.67	53.39	23.86	352.51			
139.46	109.14	80.61	52.41	22.84	351.36	7	140.44	110.08	81.55	53.39	23.86	352.38			
139.20	108.90	80.49	52.41	22.83	351.22	6	140.18	109.85	81.44	53.39	23.85	352.24			
138.93	108.67	80.39	52.41	22.82	351.06	5	139.92	109.62	81.34	53.39	23.84	352.09			
138.66	108.44	80.29	52.41	22.79	350.90	4	139.65	109.39	81.24	53.39	23.81	351.92			
138.39	108.22	80.20	52.41	22.76	350.72	3	139.38	109.18	81.15	53.39	23.78	351.75			
138.11	108.00	80.11	52.41	22.72	350.54	2	139.11	108.96	81.07	53.39	23.74	351.57			
137.83	107.79	80.04	52.41	22.68	350.34	1	138.84	108.76	80.99	53.39	23.70	351.38			
137.55	107.59	79.96	52.41	22.62	350.14	0	138.57	108.56	80.92	53.39	23.64	351.18			

52°		Sternzeit				3h28min		53°		Sternzeit				3h32min					
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
158.19	142.69	114.24	54.37	11.37	351.91	64	158.76	143.24	114.91	55.34	12.14	352.54	64	158.76	143.24	114.91	55.34	12.14	352.54
157.74	141.67	112.72	54.37	11.88	351.95	63	158.32	142.24	113.40	55.34	12.66	352.59	63	158.32	142.24	113.40	55.34	12.66	352.59
157.29	140.68	111.26	54.37	12.38	352.00	62	157.89	141.26	111.95	55.34	13.18	352.65	62	157.89	141.26	111.95	55.34	13.18	352.65
156.86	139.72	109.87	54.37	12.87	352.05	61	157.47	140.31	110.58	55.34	13.68	352.72	61	157.47	140.31	110.58	55.34	13.68	352.72
156.44	138.77	108.54	54.37	13.36	352.11	60	157.06	139.37	109.27	55.34	14.17	352.79	60	157.06	139.37	109.27	55.34	14.17	352.79
156.04	137.84	107.27	54.37	13.83	352.18	59	156.66	138.46	108.01	55.34	14.65	352.87	59	156.66	138.46	108.01	55.34	14.65	352.87
155.64	136.94	106.07	54.37	14.29	352.25	58	156.28	137.57	106.82	55.34	15.12	352.95	58	156.28	137.57	106.82	55.34	15.12	352.95
155.25	136.06	104.92	54.37	14.74	352.32	57	155.90	136.69	105.68	55.34	15.58	353.04	57	155.90	136.69	105.68	55.34	15.58	353.04
154.88	135.19	103.82	54.37	15.18	352.40	56	155.53	135.84	104.59	55.34	16.03	353.13	56	155.53	135.84	104.59	55.34	16.03	353.13
154.51	134.35	102.77	54.37	15.61	352.49	55	155.18	135.01	103.55	55.34	16.47	353.22	55	155.18	135.01	103.55	55.34	16.47	353.22
154.15	133.52	101.77	54.37	16.02	352.57	54	154.83	134.19	102.56	55.34	16.89	353.32	54	154.83	134.19	102.56	55.34	16.89	353.32
153.80	132.72	100.82	54.37	16.43	352.66	53	154.48	133.40	101.62	55.34	17.31	353.42	53	154.48	133.40	101.62	55.34	17.31	353.42
153.45	131.93	99.91	54.37	16.82	352.75	52	154.15	132.62	100.72	55.34	17.71	353.51	52	154.15	132.62	100.72	55.34	17.71	353.51
153.12	131.16	99.04	54.37	17.21	352.84	51	153.82	131.86	99.85	55.34	18.10	353.61	51	153.82	131.86	99.85	55.34	18.10	353.61
152.79	130.41	98.21	54.37	17.58	352.93	50	153.50	131.12	99.03	55.34	18.48	353.71	50	153.50	131.12	99.03	55.34	18.48	353.71
152.46	129.68	97.41	54.37	17.94	353.03	49	153.18	130.40	98.24	55.34	18.85	353.81	49	153.18	130.40	98.24	55.34	18.85	353.81
152.14	128.96	96.65	54.37	18.30	353.12	48	152.87	129.69	97.49	55.34	19.20	353.91	48	152.87	129.69	97.49	55.34	19.20	353.91
151.83	128.27	95.93	54.37	18.64	353.21	47	152.57	129.00	96.77	55.34	19.55	354.01	47	152.57	129.00	96.77	55.34	19.55	354.01
151.52	127.58	95.23	54.37	18.97	353.30	46	152.27	128.32	96.08	55.34	19.89	354.11	46	152.27	128.32	96.08	55.34	19.89	354.11
151.22	126.92	94.57	54.37	19.29	353.39	45	151.97	127.67	95.42	55.34	20.21	354.21	45	151.97	127.67	95.42	55.34	20.21	354.21
150.92	126.27	93.93	54.37	19.60	353.47	44	151.68	127.02	94.79	55.34	20.52	354.30	44	151.68	127.02	94.79	55.34	20.52	354.30
150.63	125.63	93.32	54.37	19.90	353.56	43	151.40	126.40	94.18	55.34	20.83	354.39	43	151.40	126.40	94.18	55.34	20.83	354.39
150.34	125.01	92.74	54.37	20.19	353.64	42	151.12	125.79	93.60	55.34	21.12	354.48	42	151.12	125.79	93.60	55.34	21.12	354.48
150.06	124.41	92.18	54.37	20.46	353.72	41	150.84	125.19	93.05	55.34	21.41	354.57	41	150.84	125.19	93.05	55.34	21.41	354.57
149.78	123.82	91.65	54.37	20.73	353.80	40	150.57	124.61	92.52	55.34	21.68	354.65	40	150.57	124.61	92.52	55.34	21.68	354.65
149.50	123.25	91.13	54.37	20.99	353.87	39	150.30	124.04	92.01	55.34	21.94	354.74	39	150.30	124.04	92.01	55.34	21.94	354.74
149.23	122.69	90.64	54.37	21.24	353.94	38	150.03	123.49	91.52	55.34	22.20	354.81	38	150.03	123.49	91.52	55.34	22.20	354.81
148.95	122.14	90.17	54.37	21.49	354.01	37	149.76	122.95	91.06	55.34	22.44	354.89	37	149.76	122.95	91.06	55.34	22.44	354.89
148.69	121.61	89.72	54.37	21.72	354.07	36	149.50	122.42	90.61	55.34	22.68	354.96	36	149.50	122.42	90.61	55.34	22.68	354.96
148.42	121.09	89.29	54.37	21.94	354.13	35	149.24	121.91	90.18	55.34	22.90	355.02	35	149.24	121.91	90.18	55.34	22.90	355.02
148.16	120.59	88.88	54.37	22.15	354.19	34	148.99	121.41	89.77	55.34	23.12	355.08	34	148.99	121.41	89.77	55.34	23.12	355.08
147.90	120.09	88.48	54.37	22.36	354.24	33	148.73	120.92	89.38	55.34	23.33	355.14	33	148.73	120.92	89.38	55.34	23.33	355.14
147.64	119.61	88.10	54.37	22.56	354.29	32	148.48	120.45	89.00	55.34	23.52	355.19	32	148.48	120.45	89.00	55.34	23.52	355.19
147.38	119.14	87.74	54.37	22.74	354.33	31	148.23	119.98	88.64	55.34	23.71	355.24	31	148.23	119.98	88.64	55.34	23.71	355.24
147.13	118.69	87.39	54.37	22.92	354.36	30	147.98	119.53	88.29	55.34	23.90	355.28	30	147.98	119.53	88.29	55.34	23.90	355.28
146.87	118.25	87.05	54.37	23.09	354.39	29	147.73	119.10	87.96	55.34	24.07	355.31	29	147.73	119.10	87.96	55.34	24.07	355.31
146.62	117.81	86.73	54.37	23.25	354.42	28	147.49	118.67	87.64	55.34	24.23	355.34	28	147.49	118.67	87.64	55.34	24.23	355.34
146.37	117.39	86.42	54.37	23.41	354.44	27	147.24	118.25	87.33	55.34	24.39	355.37	27	147.24	118.25	87.33	55.34	24.39	355.37
146.12	116.98	86.13	54.37	23.55	354.45	26	147.00	117.85	87.04	55.34	24.54	355.39	26	147.00	117.85	87.04	55.34	24.54	355.39
145.88	116.59	85.85	54.37	23.69	354.46	25	146.76	117.45	86.76	55.34	24.68	355.40	25	146.76	117.45	86.76	55.34	24.68	355.40
145.63	116.20	85.58	54.37	23.82	354.46	24	146.52	117.07	86.49	55.34	24.81	355.41	24	146.52	117.07	86.49	55.34	24.81	355.41
145.38	115.82	85.32	54.37	23.95	354.46	23	146.28	116.70	86.24	55.34	24.93	355.41	23	146.28	116.70	86.24	55.34	24.93	355.41
145.14	115.45	85.07	54.37	24.06	354.45	22	146.04	116.34	85.99	55.34	25.05	355.40	22	146.04	116.34	85.99	55.34	25.05	355.40
144.89	115.10	84.84	54.37	24.17	354.43	21	145.80	115.98	85.76	55.34	25.16	355.39	21	145.80	115.98	85.76	55.34	25.16	355.39
144.65	114.75	84.61	54.37	24.27	354.40	20	145.56	115.64	85.53	55.34	25.26	355.37	20	145.56	115.64	85.53	55.34	25.26	355.37
144.40	114.41	84.40	54.37	24.36	354.37	19	145.32	115.31	85.32	55.34	25.35	355.34	19	145.32	115.31	85.32	55.34	25.35	355.34
144.16	114.08	84.19	54.37	24.44	354.33	18	145.08	114.98	85.12	55.34	25.44	355.31	18	145.08	114.98	85.12	55.34	25.44	355.31
143.91	113.76	83.99	54.37	24.52	354.29	17	144.84	114.67	84.92	55.34	25.52	355.26	17	144.84	114.67	84.92	55.34	25.52	355.26
143.66	113.45	83.81	54.37	24.59	354.24	16	144.60	114.36	84.74	55.34	25.59	355.22	16	144.60	114.36	84.74	55.34	25.59	355.22
143.42	113.15	83.63	54.37	24.65	354.18	15	144.36	114.07	84.56	55.34	25.65	355.16	15	144.36	114.07	84.56	55.34	25.65	355.16
143.17	112.86	83.46	54.37	24.70	354.11	14	144.12	113.78	84.39	55.34	25.71	355.10	14	144.12	113.78	84.39	55.34	25.71	355.10
142.93	112.57	83.30	54.37	24.75	354.03	13	143.88	113.50	84.23	55.34	25.75	355.02	13	143.88	113.50	84.23	55.34	25.75	355.02
142.68	112.30	83.15	54.37	24.79	353.95	12	143.63	113.22	84.08	55.34	25.79	354.94	12	143.63	113.22	84.08	55.34	25.79	354.94
142.43	112.03	83.00	54.37	24.82	353.85	11	143.39	112.96	83.94	55.34	25.83	354.85	11	143.39	112.96	83.94	55.34	25.83	354.85
142.18	111.77	82.86	54.37	24.84	353.75	10	143.14	112.70	83.80	55.34	25.85	354.76	10	143.14	112.70	83.80	55.34	25.85	354.76
141.93	111.51	82.73	54.37	24.86	353.64	9	142.90	112.45	83.67	55.34	25.87	354.65	9	142.90	112.45	83.67	55.34	25.87	354.65
141.67	111.27	82.61	54.37	24.87	353.52	8	142.65	112.21	83.55	55.34	25.88	354.54	8	142.65	112.21	83.55	55.34	25.88	354.54
141.42	111.03	82.50	54.37	24.87	353.39	7	142.40	111.97	83.44	55.34	25.88	354.41	7	142.40	111.97	83.44	55.34	25.88	354.41
141.16																			

54°		Sternzeit				3h36min	Br.	55°		Sternzeit				3h40min
Asz.	XII	XI	MC	IX	VIII		Asz.	XII	XI	MC	IX	VIII		
159.33	143.79	115.57	56.32	12.90	353.18	64	159.90	144.34	116.24	57.28	13.67	353.81		
158.90	142.80	114.08	56.32	13.44	353.24	63	159.48	143.37	114.76	57.28	14.22	353.88		
158.48	141.84	112.65	56.32	13.97	353.31	62	159.07	142.42	113.35	57.28	14.76	353.97		
158.07	140.90	111.29	56.32	14.48	353.39	61	158.68	141.49	112.00	57.28	15.28	354.06		
157.68	139.97	109.99	56.32	14.99	353.47	60	158.29	140.58	110.72	57.28	15.80	354.15		
157.29	139.07	108.75	56.32	15.48	353.56	59	157.92	139.69	109.49	57.28	16.30	354.25		
156.92	138.19	107.57	56.32	15.96	353.65	58	157.55	138.82	108.32	57.28	16.79	354.36		
156.55	137.33	106.44	56.32	16.43	353.75	57	157.20	137.97	107.20	57.28	17.27	354.47		
156.19	136.49	105.36	56.32	16.88	353.85	56	156.85	137.14	106.14	57.28	17.73	354.58		
155.84	135.67	104.34	56.32	17.33	353.96	55	156.51	136.33	105.12	57.28	18.19	354.69		
155.50	134.86	103.35	56.32	17.76	354.06	54	156.18	135.53	104.14	57.28	18.63	354.81		
155.17	134.08	102.42	56.32	18.18	354.17	53	155.86	134.76	103.22	57.28	19.06	354.92		
154.84	133.31	101.52	56.32	18.59	354.28	52	155.54	134.00	102.33	57.28	19.47	355.04		
154.52	132.56	100.67	56.32	18.99	354.39	51	155.23	133.26	101.48	57.28	19.88	355.16		
154.21	131.83	99.85	56.32	19.37	354.50	50	154.92	132.54	100.67	57.28	20.27	355.27		
153.90	131.11	99.07	56.32	19.75	354.60	49	154.62	131.83	99.90	57.28	20.65	355.39		
153.60	130.41	98.32	56.32	20.11	354.71	48	154.33	131.14	99.15	57.28	21.02	355.51		
153.31	129.73	97.61	56.32	20.46	354.82	47	154.04	130.47	98.44	57.28	21.37	355.62		
153.01	129.07	96.92	56.32	20.80	354.92	46	153.76	129.81	97.77	57.28	21.72	355.74		
152.73	128.41	96.27	56.32	21.13	355.03	45	153.48	129.16	97.12	57.28	22.05	355.85		
152.45	127.78	95.64	56.32	21.45	355.13	44	153.21	128.54	96.50	57.28	22.38	355.96		
152.17	127.16	95.04	56.32	21.76	355.23	43	152.94	127.93	95.90	57.28	22.69	356.06		
151.89	126.56	94.47	56.32	22.06	355.33	42	152.67	127.33	95.33	57.28	22.99	356.17		
151.62	125.97	93.92	56.32	22.34	355.42	41	152.41	126.75	94.78	57.28	23.28	356.27		
151.36	125.39	93.39	56.32	22.62	355.51	40	152.15	126.18	94.26	57.28	23.56	356.36		
151.09	124.83	92.89	56.32	22.89	355.60	39	151.89	125.62	93.76	57.28	23.83	356.46		
150.83	124.28	92.40	56.32	23.15	355.68	38	151.64	125.08	93.28	57.28	24.09	356.55		
150.57	123.75	91.94	56.32	23.39	355.76	37	151.39	124.56	92.82	57.28	24.35	356.63		
150.32	123.23	91.49	56.32	23.63	355.84	36	151.14	124.04	92.38	57.28	24.59	356.71		
150.07	122.72	91.07	56.32	23.86	355.91	35	150.89	123.54	91.96	57.28	24.82	356.79		
149.82	122.23	90.66	56.32	24.08	355.97	34	150.65	123.05	91.55	57.28	25.04	356.86		
149.57	121.75	90.27	56.32	24.29	356.03	33	150.41	122.58	91.16	57.28	25.25	356.93		
149.32	121.28	89.89	56.32	24.49	356.09	32	150.17	122.11	90.79	57.28	25.46	356.99		
149.08	120.82	89.54	56.32	24.68	356.14	31	149.93	121.66	90.43	57.28	25.65	357.05		
148.84	120.38	89.19	56.32	24.87	356.19	30	149.69	121.22	90.09	57.28	25.84	357.10		
148.60	119.95	88.86	56.32	25.04	356.23	29	149.46	120.80	89.76	57.28	26.02	357.15		
148.36	119.52	88.55	56.32	25.21	356.27	28	149.22	120.38	89.45	57.28	26.19	357.19		
148.12	119.11	88.24	56.32	25.37	356.30	27	148.99	119.97	89.15	57.28	26.35	357.23		
147.88	118.71	87.95	56.32	25.52	356.32	26	148.76	119.58	88.86	57.28	26.50	357.25		
147.64	118.32	87.67	56.32	25.66	356.34	25	148.53	119.20	88.59	57.28	26.64	357.28		
147.41	117.95	87.41	56.32	25.79	356.35	24	148.30	118.82	88.32	57.28	26.78	357.29		
147.17	117.58	87.15	56.32	25.92	356.35	23	148.07	118.46	88.07	57.28	26.91	357.30		
146.94	117.22	86.91	56.32	26.04	356.35	22	147.84	118.11	87.83	57.28	27.03	357.31		
146.70	116.87	86.68	56.32	26.15	356.34	21	147.61	117.76	87.60	57.28	27.14	357.30		
146.47	116.53	86.46	56.32	26.25	356.33	20	147.38	117.43	87.38	57.28	27.24	357.29		
146.24	116.21	86.24	56.32	26.35	356.31	19	147.16	117.10	87.17	57.28	27.34	357.27		
146.00	115.89	86.04	56.32	26.43	356.28	18	146.93	116.79	86.97	57.28	27.43	357.25		
145.77	115.57	85.85	56.32	26.51	356.24	17	146.70	116.48	86.78	57.28	27.51	357.22		
145.53	115.27	85.67	56.32	26.58	356.20	16	146.47	116.18	86.59	57.28	27.58	357.18		
145.30	114.98	85.49	56.32	26.65	356.14	15	146.24	115.90	86.42	57.28	27.65	357.13		
145.06	114.69	85.32	56.32	26.71	356.08	14	146.01	115.61	86.26	57.28	27.70	357.07		
144.83	114.42	85.17	56.32	26.76	356.02	13	145.78	115.34	86.10	57.28	27.76	357.01		
144.59	114.15	85.02	56.32	26.80	355.94	12	145.55	115.08	85.95	57.28	27.80	356.94		
144.35	113.89	84.87	56.32	26.83	355.86	11	145.32	114.82	85.81	57.28	27.83	356.86		
144.11	113.64	84.74	56.32	26.86	355.76	10	145.08	114.57	85.68	57.28	27.86	356.77		
143.87	113.39	84.61	56.32	26.88	355.66	9	144.85	114.33	85.55	57.28	27.88	356.67		
143.63	113.15	84.49	56.32	26.89	355.55	8	144.61	114.10	85.43	57.28	27.90	356.56		
143.39	112.92	84.38	56.32	26.89	355.43	7	144.37	113.87	85.32	57.28	27.90	356.45		
143.14	112.69	84.28	56.32	26.89	355.30	6	144.13	113.65	85.22	57.28	27.90	356.32		
142.89	112.48	84.18	56.32	26.88	355.16	5	143.89	113.43	85.12	57.28	27.89	356.19		
142.64	112.26	84.09	56.32	26.86	355.01	4	143.65	113.22	85.03	57.28	27.87	356.05		
142.39	112.06	84.00	56.32	26.83	354.86	3	143.40	113.02	84.95	57.28	27.85	355.89		
142.14	111.86	83.92	56.32	26.80	354.69	2	143.15	112.83	84.87	57.28	27.81	355.73		
141.88	111.67	83.85	56.32	26.76	354.51	1	142.90	112.64	84.80	57.28	27.77	355.55		
141.62	111.48	83.78	56.32	26.71	354.32	0	142.65	112.45	84.73	57.28	27.72	355.37		

56°		Sternzeit			3h44min		Br.	57°		Sternzeit			3h48min	
Asz.	XII	XI	MC	IX	VIII	Asz.		XII	XI	MC	IX	VIII		
160.47	144.89	116.91	58.25	14.43	354.44	64	161.04	145.45	117.58	59.21	15.20	355.07		
160.06	143.94	115.45	58.25	15.00	354.53	63	160.64	144.50	116.13	59.21	15.77	355.17		
159.67	143.00	114.05	58.25	15.55	354.62	62	160.26	143.58	114.75	59.21	16.33	355.28		
159.28	142.08	112.72	58.25	16.08	354.72	61	159.89	142.68	113.43	59.21	16.88	355.39		
158.91	141.18	111.44	58.25	16.61	354.83	60	159.53	141.79	112.17	59.21	17.42	355.51		
158.54	140.31	110.23	58.25	17.12	354.94	59	159.17	140.93	110.97	59.21	17.94	355.63		
158.19	139.45	109.07	58.25	17.62	355.06	58	158.83	140.08	109.82	59.21	18.45	355.76		
157.85	138.61	107.96	58.25	18.11	355.18	57	158.49	139.25	108.73	59.21	18.95	355.89		
157.51	137.79	106.91	58.25	18.58	355.30	56	158.17	138.44	107.68	59.21	19.43	356.02		
157.18	136.99	105.90	58.25	19.04	355.42	55	157.85	137.65	106.68	59.21	19.90	356.16		
156.86	136.20	104.93	58.25	19.49	355.55	54	157.53	136.88	105.72	59.21	20.36	356.29		
156.54	135.44	104.01	58.25	19.93	355.67	53	157.23	136.12	104.81	59.21	20.80	356.43		
156.23	134.69	103.13	58.25	20.35	355.80	52	156.93	135.38	103.94	59.21	21.23	356.56		
155.93	133.96	102.29	58.25	20.76	355.93	51	156.64	134.66	103.11	59.21	21.65	356.70		
155.64	133.25	101.49	58.25	21.16	356.05	50	156.35	133.96	102.31	59.21	22.05	356.83		
155.35	132.55	100.72	58.25	21.55	356.18	49	156.07	133.27	101.55	59.21	22.44	356.97		
155.06	131.87	99.99	58.25	21.92	356.30	48	155.79	132.59	100.82	59.21	22.82	357.10		
154.78	131.20	99.28	58.25	22.28	356.43	47	155.52	131.94	100.12	59.21	23.19	357.23		
154.51	130.55	98.61	58.25	22.63	356.55	46	155.25	131.29	99.45	59.21	23.55	357.36		
154.23	129.92	97.97	58.25	22.97	356.67	45	154.99	130.67	98.81	59.21	23.89	357.48		
153.97	129.30	97.35	58.25	23.30	356.78	44	154.73	130.05	98.20	59.21	24.22	357.61		
153.70	128.69	96.76	58.25	23.62	356.90	43	154.47	129.46	97.62	59.21	24.54	357.73		
153.45	128.10	96.19	58.25	23.92	357.01	42	154.22	128.87	97.05	59.21	24.85	357.85		
153.19	127.53	95.65	58.25	24.22	357.11	41	153.97	128.31	96.52	59.21	25.15	357.96		
152.94	126.96	95.13	58.25	24.50	357.22	40	153.73	127.75	96.00	59.21	25.44	358.07		
152.69	126.42	94.63	58.25	24.78	357.32	39	153.48	127.21	95.51	59.21	25.72	358.18		
152.44	125.88	94.16	58.25	25.04	357.41	38	153.25	126.68	95.03	59.21	25.99	358.28		
152.20	125.36	93.70	58.25	25.30	357.51	37	153.01	126.17	94.58	59.21	26.24	358.38		
151.95	124.85	93.26	58.25	25.54	357.59	36	152.77	125.67	94.15	59.21	26.49	358.47		
151.72	124.36	92.84	58.25	25.77	357.68	35	152.54	125.18	93.73	59.21	26.73	358.56		
151.48	123.88	92.44	58.25	26.00	357.75	34	152.31	124.70	93.33	59.21	26.96	358.64		
151.24	123.41	92.06	58.25	26.21	357.83	33	152.08	124.24	92.95	59.21	27.17	358.72		
151.01	122.95	91.69	58.25	26.42	357.90	32	151.85	123.79	92.58	59.21	27.38	358.80		
150.78	122.50	91.33	58.25	26.62	357.96	31	151.63	123.35	92.23	59.21	27.58	358.87		
150.55	122.07	90.99	58.25	26.81	358.02	30	151.41	122.92	91.89	59.21	27.77	358.93		
150.32	121.65	90.67	58.25	26.99	358.07	29	151.18	122.50	91.57	59.21	27.96	358.99		
150.09	121.24	90.35	58.25	27.16	358.11	28	150.96	122.09	91.26	59.21	28.13	359.04		
149.87	120.84	90.06	58.25	27.32	358.15	27	150.74	121.70	90.96	59.21	28.29	359.08		
149.64	120.45	89.77	58.25	27.47	358.19	26	150.52	121.31	90.68	59.21	28.45	359.12		
149.42	120.07	89.50	58.25	27.62	358.21	25	150.30	120.94	90.41	59.21	28.60	359.15		
149.19	119.70	89.24	58.25	27.76	358.24	24	150.08	120.57	90.15	59.21	28.74	359.18		
148.97	119.34	88.98	58.25	27.89	358.25	23	149.87	120.22	89.90	59.21	28.87	359.20		
148.75	118.99	88.75	58.25	28.01	358.26	22	149.65	119.88	89.66	59.21	28.99	359.21		
148.52	118.65	88.52	58.25	28.12	358.26	21	149.43	119.54	89.43	59.21	29.11	359.22		
148.30	118.32	88.30	58.25	28.23	358.25	20	149.22	119.22	89.22	59.21	29.21	359.21		
148.08	118.00	88.09	58.25	28.33	358.24	19	149.00	118.90	89.01	59.21	29.31	359.21		
147.85	117.69	87.89	58.25	28.42	358.22	18	148.78	118.60	88.81	59.21	29.41	359.19		
147.63	117.39	87.70	58.25	28.50	358.19	17	148.57	118.30	88.62	59.21	29.49	359.17		
147.41	117.10	87.52	58.25	28.57	358.16	16	148.35	118.01	88.45	59.21	29.57	359.14		
147.18	116.81	87.35	58.25	28.64	358.11	15	148.13	117.73	88.28	59.21	29.63	359.10		
146.96	116.53	87.19	58.25	28.70	358.06	14	147.91	117.46	88.11	59.21	29.69	359.05		
146.74	116.27	87.03	58.25	28.75	358.00	13	147.69	117.19	87.96	59.21	29.75	359.00		
146.51	116.01	86.88	58.25	28.80	357.93	12	147.47	116.94	87.82	59.21	29.79	358.93		
146.28	115.75	86.74	58.25	28.83	357.86	11	147.25	116.69	87.68	59.21	29.83	358.86		
146.05	115.51	86.61	58.25	28.86	357.77	10	147.03	116.45	87.55	59.21	29.86	358.78		
145.82	115.27	86.49	58.25	28.89	357.68	9	146.80	116.21	87.43	59.21	29.89	358.69		
145.59	115.04	86.37	58.25	28.90	357.58	8	146.58	115.99	87.31	59.21	29.90	358.59		
145.36	114.82	86.26	58.25	28.91	357.47	7	146.35	115.77	87.20	59.21	29.91	358.49		
145.13	114.60	86.16	58.25	28.91	357.35	6	146.12	115.56	87.10	59.21	29.91	358.37		
144.89	114.39	86.07	58.25	28.90	357.22	5	145.89	115.35	87.01	59.21	29.90	358.25		
144.65	114.19	85.98	58.25	28.88	357.08	4	145.66	115.15	86.92	59.21	29.89	358.11		
144.41	113.99	85.89	58.25	28.86	356.93	3	145.43	114.96	86.84	59.21	29.87	357.97		
144.17	113.80	85.82	58.25	28.82	356.77	2	145.19	114.77	86.76	59.21	29.83	357.81		
143.92	113.61	85.75	58.25	28.79	356.60	1	144.95	114.59	86.70	59.21	29.80	357.65		
143.68	113.43	85.68	58.25	28.74	356.42	0	144.71	114.41	86.63	59.21	29.75	357.47		

58°		Sternzeit				3h52min		59°		Sternzeit				3h56min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII		
161.61	146.01	118.25	60.18	15.96	355.70	64	162.18	146.57	118.92	61.13	16.72	356.32		
161.23	145.08	116.82	60.18	16.55	355.81	63	161.81	145.65	117.50	61.13	17.32	356.45		
160.86	144.16	115.45	60.18	17.12	355.93	62	161.45	144.75	116.15	61.13	17.91	356.59		
160.49	143.27	114.14	60.18	17.68	356.06	61	161.10	143.87	114.86	61.13	18.48	356.72		
160.14	142.40	112.90	60.18	18.23	356.19	60	160.76	143.01	113.63	61.13	19.03	356.87		
159.80	141.55	111.71	60.18	18.76	356.32	59	160.43	142.17	112.45	61.13	19.58	357.01		
159.47	140.71	110.57	60.18	19.28	356.46	58	160.11	141.34	111.32	61.13	20.11	357.16		
159.14	139.89	109.49	60.18	19.78	356.60	57	159.79	140.54	110.25	61.13	20.62	357.31		
158.83	139.10	108.45	60.18	20.28	356.74	56	159.48	139.75	109.22	61.13	21.12	357.47		
158.52	138.31	107.46	60.18	20.75	356.89	55	159.18	138.98	108.24	61.13	21.61	357.62		
158.21	137.55	106.51	60.18	21.22	357.03	54	158.89	138.23	107.30	61.13	22.08	357.77		
157.92	136.80	105.61	60.18	21.67	357.18	53	158.60	137.49	106.41	61.13	22.54	357.93		
157.63	136.08	104.75	60.18	22.10	357.32	52	158.32	136.77	105.55	61.13	22.98	358.08		
157.34	135.36	103.92	60.18	22.53	357.47	51	158.05	136.07	104.73	61.13	23.41	358.23		
157.06	134.67	103.13	60.18	22.94	357.61	50	157.78	135.38	103.95	61.13	23.83	358.39		
156.79	133.99	102.37	60.18	23.34	357.75	49	157.51	134.71	103.20	61.13	24.23	358.54		
156.52	133.32	101.65	60.18	23.72	357.89	48	157.25	134.05	102.48	61.13	24.62	358.69		
156.26	132.67	100.96	60.18	24.10	358.03	47	157.00	133.41	101.80	61.13	25.00	358.83		
156.00	132.04	100.30	60.18	24.46	358.17	46	156.74	132.78	101.14	61.13	25.36	358.98		
155.74	131.42	99.66	60.18	24.80	358.30	45	156.50	132.17	100.51	61.13	25.72	359.12		
155.49	130.81	99.05	60.18	25.14	358.43	44	156.25	131.57	99.91	61.13	26.06	359.26		
155.24	130.22	98.47	60.18	25.47	358.56	43	156.01	130.99	99.33	61.13	26.39	359.39		
155.00	129.65	97.92	60.18	25.78	358.68	42	155.78	130.42	98.78	61.13	26.71	359.52		
154.76	129.09	97.38	60.18	26.08	358.81	41	155.54	129.87	98.25	61.13	27.01	359.65		
154.52	128.54	96.87	60.18	26.38	358.92	40	155.31	129.33	97.74	61.13	27.31	359.77		
154.28	128.00	96.38	60.18	26.66	359.04	39	155.08	128.80	97.25	61.13	27.59	359.89		
154.05	127.48	95.91	60.18	26.93	359.14	38	154.86	128.29	96.78	61.13	27.87	0.01		
153.82	126.98	95.46	60.18	27.19	359.25	37	154.63	127.78	96.34	61.13	28.13	0.12		
153.59	126.48	95.03	60.18	27.44	359.35	36	154.41	127.29	95.91	61.13	28.38	0.23		
153.37	126.00	94.61	60.18	27.68	359.44	35	154.19	126.82	95.50	61.13	28.63	0.33		
153.14	125.53	94.22	60.18	27.91	359.53	34	153.97	126.35	95.10	61.13	28.86	0.42		
152.92	125.07	93.84	60.18	28.13	359.62	33	153.76	125.90	94.73	61.13	29.09	0.51		
152.70	124.62	93.47	60.18	28.34	359.70	32	153.54	125.46	94.37	61.13	29.30	0.60		
152.48	124.19	93.12	60.18	28.54	359.77	31	153.33	125.03	94.02	61.13	29.50	0.68		
152.26	123.76	92.79	60.18	28.74	359.84	30	153.12	124.61	93.69	61.13	29.70	0.75		
152.05	123.35	92.47	60.18	28.92	359.90	29	152.91	124.21	93.37	61.13	29.89	0.82		
151.83	122.95	92.16	60.18	29.10	359.96	28	152.70	123.81	93.06	61.13	30.06	0.88		
151.62	122.56	91.87	60.18	29.26	0.01	27	152.49	123.42	92.77	61.13	30.23	0.94		
151.40	122.18	91.58	60.18	29.42	0.05	26	152.29	123.05	92.49	61.13	30.39	0.98		
151.19	121.81	91.32	60.18	29.57	0.09	25	152.08	122.68	92.22	61.13	30.54	1.03		
150.98	121.45	91.06	60.18	29.71	0.12	24	151.87	122.33	91.97	61.13	30.69	1.06		
150.77	121.10	90.81	60.18	29.85	0.15	23	151.67	121.99	91.72	61.13	30.82	1.09		
150.56	120.76	90.57	60.18	29.97	0.16	22	151.46	121.65	91.49	61.13	30.95	1.11		
150.35	120.43	90.35	60.18	30.09	0.17	21	151.26	121.33	91.26	61.13	31.07	1.13		
150.13	120.11	90.13	60.18	30.20	0.18	20	151.05	121.01	91.05	61.13	31.18	1.14		
149.92	119.80	89.93	60.18	30.30	0.17	19	150.85	120.70	90.85	61.13	31.28	1.14		
149.71	119.50	89.73	60.18	30.39	0.16	18	150.64	120.41	90.65	61.13	31.38	1.13		
149.50	119.21	89.55	60.18	30.48	0.14	17	150.44	120.12	90.47	61.13	31.46	1.12		
149.29	118.92	89.37	60.18	30.55	0.12	16	150.23	119.84	90.29	61.13	31.54	1.10		
149.08	118.65	89.20	60.18	30.62	0.08	15	150.03	119.57	90.13	61.13	31.61	1.07		
148.86	118.38	89.04	60.18	30.69	0.04	14	149.82	119.30	89.97	61.13	31.68	1.03		
148.65	118.12	88.89	60.18	30.74	359.99	13	149.61	119.05	89.82	61.13	31.73	0.98		
148.44	117.87	88.75	60.18	30.79	359.93	12	149.40	118.80	89.68	61.13	31.78	0.93		
148.22	117.62	88.61	60.18	30.83	359.86	11	149.19	118.56	89.54	61.13	31.82	0.86		
148.00	117.39	88.48	60.18	30.86	359.79	10	148.98	118.33	89.42	61.13	31.86	0.79		
147.79	117.16	88.36	60.18	30.89	359.70	9	148.77	118.10	89.30	61.13	31.88	0.71		
147.57	116.94	88.25	60.18	30.90	359.61	8	148.56	117.88	89.18	61.13	31.90	0.62		
147.35	116.72	88.14	60.18	30.91	359.51	7	148.34	117.67	89.08	61.13	31.91	0.53		
147.12	116.51	88.04	60.18	30.91	359.40	6	148.12	117.47	88.98	61.13	31.91	0.42		
146.90	116.31	87.95	60.18	30.91	359.27	5	147.90	117.27	88.89	61.13	31.91	0.30		
146.67	116.11	87.86	60.18	30.89	359.14	4	147.68	117.08	88.81	61.13	31.90	0.18		
146.44	115.92	87.78	60.18	30.87	359.00	3	147.46	116.90	88.73	61.13	31.88	0.04		
146.21	115.74	87.71	60.18	30.84	358.85	2	147.24	116.72	88.66	61.13	31.85	359.90		
145.98	115.56	87.64	60.18	30.80	358.69	1	147.01	116.54	88.59	61.13	31.81	359.74		
145.74	115.39	87.58	60.18	30.76	358.52	0	146.78	116.38	88.53	61.13	31.77	359.57		

60°		Sternzeit				4h Omin		61°		Sternzeit				4h 4min	
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII			
162.75	147.13	119.59	62.09	17.48	356.95	64	163.32	147.69	120.26	63.05	18.24	357.58			
162.39	146.22	118.19	62.09	18.09	357.09	63	162.98	146.80	118.88	63.05	18.86	357.73			
162.04	145.33	116.85	62.09	18.69	357.24	62	162.64	145.92	117.56	63.05	19.47	357.89			
161.71	144.47	115.58	62.09	19.27	357.39	61	162.31	145.07	116.29	63.05	20.07	358.05			
161.38	143.62	114.36	62.09	19.84	357.54	60	162.00	144.23	115.08	63.05	20.65	358.22			
161.06	142.79	113.19	62.09	20.39	357.70	59	161.69	143.41	113.93	63.05	21.21	358.39			
160.74	141.98	112.08	62.09	20.93	357.86	58	161.38	142.61	112.83	63.05	21.76	358.56			
160.44	141.18	111.01	62.09	21.46	358.02	57	161.09	141.83	111.77	63.05	22.29	358.73			
160.14	140.40	109.99	62.09	21.96	358.19	56	160.80	141.06	110.77	63.05	22.81	358.91			
159.85	139.64	109.02	62.09	22.46	358.35	55	160.52	140.31	109.80	63.05	23.31	359.08			
159.57	138.90	108.09	62.09	22.94	358.51	54	160.25	139.58	108.88	63.05	23.79	359.25			
159.29	138.17	107.21	62.09	23.40	358.68	53	159.98	138.86	108.00	63.05	24.27	359.43			
159.02	137.46	106.36	62.09	23.85	358.84	52	159.72	138.16	107.16	63.05	24.72	359.60			
158.75	136.77	105.54	62.09	24.29	359.00	51	159.46	137.47	106.36	63.05	25.17	359.77			
158.49	136.09	104.77	62.09	24.71	359.16	50	159.21	136.80	105.59	63.05	25.60	359.94			
158.23	135.43	104.02	62.09	25.12	359.32	49	158.96	136.15	104.85	63.05	26.01	0.11			
157.98	134.78	103.31	62.09	25.52	359.48	48	158.71	135.51	104.14	63.05	26.41	0.27			
157.73	134.15	102.63	62.09	25.90	359.63	47	158.47	134.89	103.47	63.05	26.80	0.43			
157.49	133.53	101.98	62.09	26.27	359.78	46	158.24	134.28	102.82	63.05	27.18	0.59			
157.25	132.93	101.36	62.09	26.63	359.93	45	158.01	133.68	102.20	63.05	27.54	0.75			
157.02	132.34	100.76	62.09	26.98	0.08	44	157.78	133.10	101.61	63.05	27.89	0.90			
156.78	131.76	100.18	62.09	27.31	0.22	43	157.55	132.53	101.04	63.05	28.23	1.05			
156.55	131.20	99.64	62.09	27.63	0.36	42	157.33	131.98	100.49	63.05	28.55	1.20			
156.33	130.65	99.11	62.09	27.94	0.49	41	157.11	131.44	99.97	63.05	28.87	1.34			
156.10	130.12	98.61	62.09	28.24	0.63	40	156.89	130.91	99.47	63.05	29.17	1.48			
155.88	129.60	98.12	62.09	28.53	0.75	39	156.68	130.39	98.99	63.05	29.46	1.61			
155.66	129.09	97.66	62.09	28.81	0.87	38	156.47	129.89	98.53	63.05	29.74	1.74			
155.45	128.59	97.22	62.09	29.07	0.99	37	156.26	129.40	98.09	63.05	30.01	1.86			
155.23	128.11	96.79	62.09	29.33	1.10	36	156.05	128.92	97.67	63.05	30.27	1.98			
155.02	127.64	96.38	62.09	29.58	1.21	35	155.85	128.46	97.26	63.05	30.52	2.09			
154.81	127.18	95.99	62.09	29.81	1.31	34	155.64	128.01	96.88	63.05	30.76	2.20			
154.60	126.73	95.62	62.09	30.04	1.41	33	155.44	127.57	96.50	63.05	30.99	2.30			
154.39	126.30	95.26	62.09	30.25	1.50	32	155.24	127.14	96.15	63.05	31.21	2.40			
154.19	125.87	94.91	62.09	30.46	1.58	31	155.04	126.72	95.81	63.05	31.42	2.49			
153.98	125.46	94.58	62.09	30.66	1.66	30	154.84	126.31	95.48	63.05	31.62	2.57			
153.78	125.06	94.27	62.09	30.85	1.73	29	154.64	125.91	95.16	63.05	31.81	2.65			
153.57	124.67	93.96	62.09	31.03	1.80	28	154.45	125.53	94.86	63.05	31.99	2.72			
153.37	124.29	93.67	62.09	31.20	1.86	27	154.25	125.15	94.58	63.05	32.16	2.79			
153.17	123.92	93.40	62.09	31.36	1.92	26	154.06	124.79	94.30	63.05	32.33	2.85			
152.97	123.56	93.13	62.09	31.51	1.96	25	153.86	124.43	94.04	63.05	32.48	2.90			
152.77	123.21	92.88	62.09	31.66	2.00	24	153.67	124.09	93.78	63.05	32.63	2.95			
152.57	122.87	92.63	62.09	31.80	2.04	23	153.47	123.76	93.54	63.05	32.77	2.98			
152.37	122.54	92.40	62.09	31.92	2.07	22	153.28	123.43	93.31	63.05	32.90	3.02			
152.17	122.22	92.18	62.09	32.04	2.09	21	153.09	123.11	93.09	63.05	33.02	3.04			
151.97	121.91	91.97	62.09	32.16	2.10	20	152.90	122.81	92.88	63.05	33.13	3.06			
151.78	121.61	91.77	62.09	32.26	2.10	19	152.70	122.51	92.68	63.05	33.24	3.07			
151.58	121.31	91.57	62.09	32.36	2.10	18	152.51	122.22	92.49	63.05	33.34	3.07			
151.38	121.03	91.39	62.09	32.45	2.09	17	152.32	121.94	92.31	63.05	33.43	3.07			
151.18	120.75	91.22	62.09	32.53	2.07	16	152.12	121.67	92.14	63.05	33.51	3.05			
150.98	120.49	91.05	62.09	32.60	2.05	15	151.93	121.41	91.98	63.05	33.58	3.03			
150.77	120.23	90.89	62.09	32.66	2.02	14	151.73	121.15	91.82	63.05	33.65	3.00			
150.57	119.98	90.75	62.09	32.72	1.97	13	151.54	120.91	91.67	63.05	33.71	2.97			
150.37	119.73	90.61	62.09	32.77	1.93	12	151.34	120.67	91.53	63.05	33.76	2.92			
150.17	119.50	90.47	62.09	32.81	1.87	11	151.14	120.44	91.40	63.05	33.80	2.87			
149.96	119.27	90.35	62.09	32.85	1.80	10	150.94	120.21	91.28	63.05	33.84	2.81			
149.75	119.05	90.23	62.09	32.88	1.72	9	150.74	120.00	91.16	63.05	33.87	2.74			
149.55	118.84	90.12	62.09	32.90	1.64	8	150.54	119.79	91.05	63.05	33.89	2.66			
149.34	118.63	90.02	62.09	32.91	1.55	7	150.34	119.59	90.95	63.05	33.90	2.57			
149.13	118.43	89.92	62.09	32.91	1.44	6	150.13	119.39	90.86	63.05	33.91	2.47			
148.91	118.24	89.83	62.09	32.91	1.33	5	149.93	119.20	90.77	63.05	33.91	2.36			
148.70	118.05	89.75	62.09	32.90	1.21	4	149.72	119.02	90.69	63.05	33.90	2.25			
148.48	117.87	89.67	62.09	32.88	1.08	3	149.51	118.84	90.61	63.05	33.88	2.12			
148.26	117.69	89.60	62.09	32.85	0.94	2	149.29	118.67	90.55	63.05	33.85	1.98			
148.04	117.52	89.54	62.09	32.82	0.79	1	149.08	118.51	90.48	63.05	33.82	1.84			
147.82	117.36	89.48	62.09	32.77	0.63	0	148.86	118.35	90.43	63.05	33.78	1.68			

62° Sternzeit 4h 8min						63° Sternzeit 4h12min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
163.89	148.25	120.94	64.00	18.99	358.21	64	164.47	148.81	121.61	64.95	19.75	358.83
163.56	147.37	119.57	64.00	19.63	358.37	63	164.14	147.95	120.26	64.95	20.40	359.01
163.24	146.51	118.26	64.00	20.25	358.54	62	163.83	147.10	118.97	64.95	21.03	359.20
162.92	145.67	117.01	64.00	20.86	358.72	61	163.53	146.27	117.73	64.95	21.65	359.38
162.61	144.84	115.81	64.00	21.45	358.90	60	163.23	145.46	116.55	64.95	22.25	359.57
162.31	144.04	114.67	64.00	22.02	359.08	59	162.94	144.66	115.41	64.95	22.83	359.76
162.02	143.25	113.58	64.00	22.58	359.26	58	162.66	143.88	114.33	64.95	23.40	359.96
161.74	142.47	112.54	64.00	23.12	359.44	57	162.39	143.12	113.30	64.95	23.95	0.15
161.46	141.72	111.54	64.00	23.65	359.62	56	162.12	142.38	112.31	64.95	24.49	0.34
161.19	140.98	110.58	64.00	24.16	359.81	55	161.86	141.65	111.37	64.95	25.00	0.54
160.93	140.26	109.67	64.00	24.65	359.99	54	161.61	140.93	110.46	64.95	25.50	0.73
160.67	139.55	108.80	64.00	25.13	0.17	53	161.36	140.24	109.60	64.95	25.99	0.92
160.41	138.86	107.97	64.00	25.59	0.35	52	161.11	139.55	108.77	64.95	26.46	1.11
160.16	138.18	107.17	64.00	26.04	0.53	51	160.87	138.89	107.98	64.95	26.92	1.30
159.92	137.52	106.40	64.00	26.48	0.71	50	160.63	138.24	107.22	64.95	27.36	1.49
159.68	136.87	105.67	64.00	26.90	0.89	49	160.40	137.60	106.50	64.95	27.79	1.67
159.44	136.24	104.97	64.00	27.31	1.06	48	160.18	136.97	105.80	64.95	28.20	1.85
159.21	135.63	104.30	64.00	27.70	1.23	47	159.95	136.37	105.14	64.95	28.60	2.03
158.99	135.02	103.66	64.00	28.08	1.40	46	159.73	135.77	104.50	64.95	28.98	2.21
158.76	134.44	103.05	64.00	28.45	1.56	45	159.52	135.19	103.89	64.95	29.35	2.38
158.54	133.86	102.46	64.00	28.80	1.72	44	159.30	134.62	103.31	64.95	29.71	2.54
158.32	133.30	101.89	64.00	29.14	1.88	43	159.09	134.07	102.75	64.95	30.06	2.71
158.11	132.75	101.35	64.00	29.47	2.03	42	158.89	133.53	102.21	64.95	30.39	2.87
157.90	132.22	100.84	64.00	29.79	2.18	41	158.68	133.00	101.70	64.95	30.71	3.02
157.69	131.70	100.34	64.00	30.10	2.33	40	158.48	132.49	101.20	64.95	31.02	3.17
157.48	131.19	99.86	64.00	30.39	2.46	39	158.28	131.99	100.73	64.95	31.32	3.32
157.28	130.70	99.41	64.00	30.68	2.60	38	158.08	131.50	100.28	64.95	31.61	3.46
157.07	130.21	98.97	64.00	30.95	2.73	37	157.89	131.02	99.84	64.95	31.89	3.60
156.87	129.74	98.55	64.00	31.21	2.85	36	157.69	130.56	99.43	64.95	32.15	3.73
156.67	129.28	98.15	64.00	31.46	2.97	35	157.50	130.11	99.03	64.95	32.41	3.85
156.48	128.84	97.76	64.00	31.71	3.08	34	157.31	129.66	98.65	64.95	32.65	3.97
156.28	128.40	97.39	64.00	31.94	3.19	33	157.12	129.23	98.28	64.95	32.88	4.08
156.09	127.98	97.04	64.00	32.16	3.29	32	156.93	128.82	97.93	64.95	33.11	4.19
155.89	127.56	96.70	64.00	32.37	3.39	31	156.75	128.41	97.59	64.95	33.32	4.29
155.70	127.16	96.37	64.00	32.57	3.48	30	156.56	128.01	97.27	64.95	33.53	4.39
155.51	126.77	96.06	64.00	32.77	3.56	29	156.38	127.63	96.96	64.95	33.72	4.48
155.32	126.39	95.76	64.00	32.95	3.64	28	156.19	127.25	96.66	64.95	33.91	4.56
155.13	126.02	95.48	64.00	33.12	3.71	27	156.01	126.89	96.38	64.95	34.08	4.64
154.94	125.66	95.20	64.00	33.29	3.78	26	155.83	126.53	96.11	64.95	34.25	4.71
154.75	125.31	94.94	64.00	33.45	3.83	25	155.65	126.19	95.85	64.95	34.41	4.77
154.57	124.97	94.69	64.00	33.60	3.89	24	155.47	125.85	95.60	64.95	34.56	4.83
154.38	124.64	94.45	64.00	33.74	3.93	23	155.28	125.53	95.36	64.95	34.70	4.87
154.19	124.32	94.22	64.00	33.87	3.97	22	155.10	125.21	95.14	64.95	34.84	4.92
154.01	124.01	94.01	64.00	33.99	4.00	21	154.92	124.91	94.92	64.95	34.96	4.95
153.82	123.71	93.80	64.00	34.11	4.02	20	154.74	124.61	94.71	64.95	35.08	4.98
153.63	123.42	93.60	64.00	34.21	4.03	19	154.56	124.32	94.52	64.95	35.19	5.00
153.44	123.13	93.41	64.00	34.31	4.04	18	154.38	124.04	94.33	64.95	35.29	5.01
153.26	122.86	93.23	64.00	34.41	4.04	17	154.20	123.77	94.15	64.95	35.38	5.01
153.07	122.59	93.06	64.00	34.49	4.03	16	154.02	123.51	93.98	64.95	35.47	5.01
152.88	122.33	92.90	64.00	34.57	4.02	15	153.83	123.26	93.82	64.95	35.54	5.00
152.69	122.08	92.75	64.00	34.63	3.99	14	153.65	123.01	93.67	64.95	35.61	4.98
152.50	121.84	92.60	64.00	34.69	3.96	13	153.47	122.77	93.53	64.95	35.68	4.95
152.31	121.60	92.46	64.00	34.75	3.92	12	153.28	122.54	93.39	64.95	35.73	4.92
152.12	121.38	92.33	64.00	34.79	3.87	11	153.10	122.32	93.26	64.95	35.78	4.87
151.93	121.16	92.21	64.00	34.83	3.81	10	152.91	122.10	93.14	64.95	35.81	4.82
151.73	120.95	92.10	64.00	34.86	3.75	9	152.72	121.90	93.03	64.95	35.85	4.76
151.54	120.74	91.99	64.00	34.88	3.67	8	152.53	121.70	92.92	64.95	35.87	4.69
151.34	120.54	91.89	64.00	34.89	3.59	7	152.34	121.50	92.82	64.95	35.89	4.61
151.14	120.35	91.80	64.00	34.90	3.49	6	152.15	121.32	92.73	64.95	35.89	4.52
150.94	120.17	91.71	64.00	34.90	3.39	5	151.96	121.14	92.65	64.95	35.89	4.42
150.74	119.99	91.63	64.00	34.89	3.28	4	151.76	120.96	92.57	64.95	35.89	4.31
150.53	119.82	91.56	64.00	34.88	3.16	3	151.56	120.80	92.50	64.95	35.87	4.20
150.33	119.65	91.49	64.00	34.85	3.03	2	151.36	120.63	92.43	64.95	35.85	4.07
150.12	119.49	91.43	64.00	34.82	2.88	1	151.16	120.48	92.37	64.95	35.82	3.93
149.90	119.34	91.37	64.00	34.78	2.73	0	150.95	120.33	92.32	64.95	35.78	3.79

64° Sternzeit 4h16min						65° Sternzeit 4h20min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
165.04	149.38	122.29	65.89	20.50	359.46	64	165.61	149.95	122.97	66.84	21.26	0.08
164.73	148.53	120.95	65.89	21.17	359.65	63	165.31	149.11	121.65	66.84	21.93	0.29
164.43	147.69	119.67	65.89	21.81	359.85	62	165.02	148.29	120.38	66.84	22.59	0.50
164.13	146.87	118.45	65.89	22.44	0.05	61	164.74	147.48	119.17	66.84	23.23	0.71
163.85	146.07	117.28	65.89	23.05	0.25	60	164.47	146.69	118.01	66.84	23.85	0.92
163.57	145.29	116.16	65.89	23.65	0.45	59	164.20	145.92	116.90	66.84	24.45	1.13
163.30	144.52	115.09	65.89	24.22	0.65	58	163.94	145.16	115.84	66.84	25.04	1.35
163.04	143.77	114.06	65.89	24.78	0.86	57	163.69	144.42	114.83	66.84	25.61	1.56
162.78	143.04	113.08	65.89	25.32	1.06	56	163.44	143.70	113.86	66.84	26.16	1.78
162.53	142.32	112.15	65.89	25.85	1.26	55	163.20	142.99	112.93	66.84	26.69	1.99
162.28	141.61	111.25	65.89	26.36	1.47	54	162.96	142.30	112.04	66.84	27.21	2.20
162.04	140.93	110.40	65.89	26.85	1.67	53	162.73	141.62	111.19	66.84	27.71	2.41
161.81	140.25	109.58	65.89	27.33	1.87	52	162.51	140.95	110.38	66.84	28.19	2.62
161.58	139.60	108.79	65.89	27.79	2.06	51	162.28	140.30	109.60	66.84	28.66	2.83
161.35	138.95	108.04	65.89	28.24	2.26	50	162.06	139.67	108.86	66.84	29.12	3.03
161.13	138.32	107.32	65.89	28.67	2.45	49	161.85	139.05	108.15	66.84	29.55	3.23
160.91	137.71	106.63	65.89	29.09	2.64	48	161.64	138.44	107.46	66.84	29.98	3.43
160.69	137.11	105.97	65.89	29.49	2.83	47	161.43	137.85	106.81	66.84	30.39	3.62
160.48	136.52	105.34	65.89	29.88	3.01	46	161.23	137.27	106.18	66.84	30.78	3.81
160.27	135.95	104.74	65.89	30.26	3.19	45	161.03	136.71	105.58	66.84	31.16	4.00
160.07	135.39	104.16	65.89	30.62	3.36	44	160.83	136.16	105.01	66.84	31.53	4.18
159.87	134.84	103.60	65.89	30.97	3.54	43	160.64	135.62	104.46	66.84	31.88	4.36
159.67	134.31	103.07	65.89	31.31	3.70	42	160.44	135.09	103.93	66.84	32.22	4.54
159.47	133.79	102.56	65.89	31.64	3.86	41	160.25	134.58	103.42	66.84	32.55	4.70
159.27	133.28	102.07	65.89	31.95	4.02	40	160.07	134.08	102.93	66.84	32.87	4.87
159.08	132.79	101.60	65.89	32.25	4.17	39	159.88	133.59	102.47	66.84	33.18	5.03
158.89	132.31	101.15	65.89	32.54	4.32	38	159.70	133.11	102.02	66.84	33.47	5.18
158.70	131.84	100.72	65.89	32.82	4.46	37	159.52	132.65	101.59	66.84	33.75	5.33
158.51	131.38	100.31	65.89	33.09	4.60	36	159.34	132.20	101.18	66.84	34.02	5.47
158.33	130.93	99.91	65.89	33.35	4.73	35	159.16	131.76	100.79	66.84	34.28	5.61
158.15	130.49	99.53	65.89	33.59	4.86	34	158.98	131.33	100.41	66.84	34.53	5.74
157.96	130.07	99.17	65.89	33.83	4.98	33	158.81	130.91	100.05	66.84	34.77	5.87
157.78	129.66	98.82	65.89	34.05	5.09	32	158.63	130.50	99.70	66.84	35.00	5.98
157.60	129.26	98.48	65.89	34.27	5.20	31	158.46	130.10	99.37	66.84	35.22	6.10
157.42	128.87	98.16	65.89	34.48	5.30	30	158.29	129.72	99.05	66.84	35.43	6.20
157.25	128.49	97.85	65.89	34.68	5.39	29	158.11	129.34	98.75	66.84	35.63	6.30
157.07	128.12	97.56	65.89	34.86	5.48	28	157.94	128.98	98.46	66.84	35.82	6.40
156.89	127.76	97.28	65.89	35.04	5.56	27	157.77	128.62	98.18	66.84	36.00	6.48
156.72	127.41	97.01	65.89	35.21	5.64	26	157.60	128.28	97.91	66.84	36.17	6.56
156.54	127.07	96.75	65.89	35.37	5.70	25	157.43	127.95	97.66	66.84	36.33	6.64
156.37	126.74	96.51	65.89	35.53	5.76	24	157.27	127.62	97.41	66.84	36.49	6.70
156.19	126.42	96.27	65.89	35.67	5.82	23	157.10	127.31	97.18	66.84	36.63	6.76
156.02	126.11	96.05	65.89	35.80	5.87	22	156.93	127.00	96.95	66.84	36.77	6.81
155.84	125.80	95.83	65.89	35.93	5.90	21	156.76	126.70	96.74	66.84	36.90	6.86
155.67	125.51	95.63	65.89	36.05	5.94	20	156.59	126.42	96.54	66.84	37.02	6.90
155.49	125.23	95.43	65.89	36.16	5.96	19	156.42	126.14	96.35	66.84	37.13	6.92
155.32	124.95	95.25	65.89	36.26	5.98	18	156.26	125.87	96.16	66.84	37.23	6.95
155.14	124.69	95.07	65.89	36.36	5.99	17	156.09	125.61	95.99	66.84	37.33	6.96
154.97	124.43	94.90	65.89	36.44	5.99	16	155.92	125.35	95.82	66.84	37.42	6.97
154.79	124.18	94.74	65.89	36.52	5.98	15	155.75	125.11	95.66	66.84	37.50	6.97
154.61	123.94	94.59	65.89	36.59	5.97	14	155.58	124.87	95.52	66.84	37.57	6.96
154.44	123.71	94.45	65.89	36.66	5.95	13	155.41	124.64	95.38	66.84	37.63	6.94
154.26	123.48	94.32	65.89	36.71	5.91	12	155.23	124.42	95.24	66.84	37.69	6.91
154.08	123.26	94.19	65.89	36.76	5.87	11	155.06	124.21	95.12	66.84	37.74	6.88
153.90	123.05	94.07	65.89	36.80	5.83	10	154.89	124.00	95.00	66.84	37.78	6.83
153.72	122.85	93.96	65.89	36.83	5.77	9	154.71	123.80	94.89	66.84	37.82	6.78
153.53	122.65	93.86	65.89	36.86	5.70	8	154.53	123.61	94.79	66.84	37.84	6.72
153.35	122.46	93.76	65.89	36.87	5.63	7	154.36	123.43	94.69	66.84	37.86	6.65
153.16	122.28	93.67	65.89	36.88	5.55	6	154.18	123.25	94.60	66.84	37.87	6.57
152.97	122.11	93.59	65.89	36.88	5.45	5	153.99	123.08	94.52	66.84	37.87	6.48
152.78	121.94	93.51	65.89	36.88	5.35	4	153.81	122.91	94.45	66.84	37.87	6.38
152.59	121.77	93.44	65.89	36.86	5.24	3	153.63	122.76	94.38	66.84	37.86	6.28
152.40	121.62	93.38	65.89	36.84	5.12	2	153.44	122.60	94.32	66.84	37.84	6.16
152.20	121.47	93.32	65.89	36.81	4.98	1	153.25	122.46	94.26	66.84	37.81	6.03
152.00	121.32	93.27	65.89	36.78	4.84	0	153.06	122.32	94.21	66.84	37.77	5.90

66° Sternzeit 4h24min						67° Sternzeit 4h28min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
166.18	150.52	123.65	67.78	22.01	0.71	64	166.76	151.09	124.33	68.72	22.76	1.33
165.90	149.69	122.34	67.78	22.70	0.92	63	166.48	150.27	123.04	68.72	23.46	1.56
165.62	148.88	121.09	67.78	23.37	1.15	62	166.22	149.48	121.80	68.72	24.14	1.79
165.35	148.09	119.89	67.78	24.02	1.37	61	165.96	148.69	120.61	68.72	24.80	2.03
165.09	147.31	118.74	67.78	24.65	1.59	60	165.71	147.93	119.48	68.72	25.45	2.26
164.83	146.55	117.64	67.78	25.26	1.82	59	165.46	147.18	118.39	68.72	26.07	2.50
164.58	145.80	116.60	67.78	25.86	2.04	58	165.22	146.45	117.35	68.72	26.67	2.74
164.34	145.07	115.59	67.78	26.43	2.27	57	164.99	145.73	116.36	68.72	27.26	2.97
164.10	144.36	114.63	67.78	26.99	2.49	56	164.76	145.02	115.41	68.72	27.83	3.21
163.87	143.66	113.71	67.78	27.53	2.72	55	164.54	144.33	114.50	68.72	28.38	3.44
163.64	142.98	112.83	67.78	28.06	2.94	54	164.32	143.66	113.62	68.72	28.91	3.67
163.42	142.31	111.99	67.78	28.57	3.16	53	164.11	143.00	112.79	68.72	29.42	3.90
163.20	141.65	111.19	67.78	29.06	3.37	52	163.90	142.36	111.99	68.72	29.92	4.13
162.99	141.01	110.42	67.78	29.53	3.59	51	163.70	141.73	111.23	68.72	30.40	4.35
162.78	140.39	109.68	67.78	29.99	3.80	50	163.50	141.11	110.50	68.72	30.86	4.57
162.57	139.78	108.97	67.78	30.43	4.01	49	163.30	140.51	109.80	68.72	31.31	4.79
162.37	139.18	108.29	67.78	30.86	4.22	48	163.10	139.92	109.12	68.72	31.75	5.00
162.17	138.59	107.64	67.78	31.28	4.42	47	162.91	139.34	108.48	68.72	32.17	5.21
161.98	138.02	107.02	67.78	31.68	4.62	46	162.73	138.78	107.86	68.72	32.57	5.42
161.79	137.47	106.43	67.78	32.06	4.81	45	162.54	138.23	107.27	68.72	32.96	5.62
161.60	136.92	105.86	67.78	32.43	5.00	44	162.36	137.69	106.71	68.72	33.34	5.82
161.41	136.39	105.31	67.78	32.79	5.19	43	162.18	137.17	106.16	68.72	33.70	6.01
161.22	135.87	104.79	67.78	33.14	5.37	42	162.00	136.65	105.64	68.72	34.05	6.20
161.04	135.37	104.28	67.78	33.47	5.54	41	161.83	136.15	105.14	68.72	34.39	6.38
160.86	134.87	103.80	67.78	33.79	5.72	40	161.66	135.67	104.66	68.72	34.71	6.56
160.68	134.39	103.34	67.78	34.10	5.88	39	161.48	135.19	104.21	68.72	35.02	6.73
160.51	133.92	102.89	67.78	34.40	6.04	38	161.32	134.73	103.77	68.72	35.32	6.90
160.33	133.46	102.47	67.78	34.68	6.20	37	161.15	134.28	103.34	68.72	35.61	7.06
160.16	133.02	102.06	67.78	34.95	6.34	36	160.98	133.84	102.94	68.72	35.89	7.22
159.99	132.58	101.67	67.78	35.22	6.49	35	160.82	133.41	102.55	68.72	36.15	7.36
159.82	132.16	101.30	67.78	35.47	6.62	34	160.65	132.99	102.18	68.72	36.41	7.51
159.65	131.75	100.94	67.78	35.71	6.76	33	160.49	132.58	101.82	68.72	36.65	7.64
159.48	131.34	100.59	67.78	35.94	6.88	32	160.33	132.19	101.48	68.72	36.88	7.77
159.31	130.95	100.26	67.78	36.16	7.00	31	160.17	131.80	101.15	68.72	37.11	7.90
159.15	130.57	99.95	67.78	36.37	7.11	30	160.01	131.43	100.84	68.72	37.32	8.02
158.98	130.20	99.65	67.78	36.58	7.22	29	159.85	131.06	100.54	68.72	37.52	8.13
158.82	129.84	99.36	67.78	36.77	7.32	28	159.70	130.71	100.25	68.72	37.72	8.23
158.66	129.50	99.08	67.78	36.95	7.41	27	159.54	130.37	99.98	68.72	37.90	8.33
158.49	129.16	98.81	67.78	37.13	7.49	26	159.38	130.03	99.71	68.72	38.08	8.42
158.33	128.83	98.56	67.78	37.29	7.57	25	159.23	129.71	99.46	68.72	38.24	8.50
158.17	128.51	98.32	67.78	37.45	7.64	24	159.07	129.39	99.22	68.72	38.40	8.58
158.01	128.20	98.09	67.78	37.59	7.71	23	158.92	129.09	98.99	68.72	38.55	8.65
157.84	127.89	97.86	67.78	37.73	7.76	22	158.76	128.79	98.77	68.72	38.69	8.71
157.68	127.60	97.65	67.78	37.86	7.81	21	158.60	128.50	98.56	68.72	38.82	8.76
157.52	127.32	97.45	67.78	37.98	7.85	20	158.45	128.23	98.36	68.72	38.95	8.81
157.36	127.05	97.26	67.78	38.10	7.89	19	158.29	127.96	98.17	68.72	39.06	8.85
157.20	126.78	97.08	67.78	38.20	7.91	18	158.14	127.70	97.99	68.72	39.17	8.88
157.03	126.52	96.91	67.78	38.30	7.93	17	157.98	127.44	97.82	68.72	39.27	8.91
156.87	126.28	96.74	67.78	38.39	7.94	16	157.82	127.20	97.66	68.72	39.36	8.92
156.71	126.03	96.59	67.78	38.47	7.95	15	157.67	126.96	97.51	68.72	39.44	8.93
156.54	125.80	96.44	67.78	38.54	7.94	14	157.51	126.74	97.36	68.72	39.52	8.93
156.38	125.58	96.30	67.78	38.61	7.93	13	157.35	126.52	97.22	68.72	39.58	8.92
156.21	125.36	96.17	67.78	38.67	7.91	12	157.19	126.30	97.09	68.72	39.64	8.90
156.04	125.15	96.05	67.78	38.72	7.88	11	157.03	126.10	96.97	68.72	39.70	8.88
155.88	124.95	95.93	67.78	38.76	7.84	10	156.87	125.90	96.86	68.72	39.74	8.84
155.71	124.76	95.82	67.78	38.80	7.79	9	156.71	125.71	96.75	68.72	39.78	8.80
155.54	124.57	95.72	67.78	38.82	7.73	8	156.54	125.53	96.65	68.72	39.80	8.75
155.36	124.39	95.63	67.78	38.84	7.67	7	156.38	125.36	96.56	68.72	39.83	8.69
155.19	124.22	95.54	67.78	38.86	7.60	6	156.21	125.19	96.48	68.72	39.84	8.62
155.02	124.05	95.46	67.78	38.86	7.51	5	156.04	125.03	96.40	68.72	39.84	8.54
154.84	123.89	95.39	67.78	38.86	7.42	4	155.87	124.87	96.33	68.72	39.84	8.45
154.66	123.74	95.32	67.78	38.85	7.32	3	155.70	124.72	96.26	68.72	39.83	8.36
154.48	123.59	95.26	67.78	38.83	7.20	2	155.53	124.58	96.20	68.72	39.82	8.25
154.30	123.45	95.21	67.78	38.80	7.08	1	155.35	124.44	96.15	68.72	39.79	8.13
154.11	123.31	95.16	67.78	38.76	6.95	0	155.17	124.31	96.11	68.72	39.76	8.01

68° Sternzeit 4h32min						69° Sternzeit 4h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
167.33	151.66	125.01	69.66	23.51	1.95	64	167.91	152.23	125.70	70.60	24.25	2.57
167.07	150.86	123.73	69.66	24.22	2.20	63	167.66	151.44	124.43	70.60	24.98	2.83
166.82	150.07	122.51	69.66	24.91	2.44	62	167.41	150.67	123.22	70.60	25.69	3.09
166.57	149.30	121.33	69.66	25.59	2.69	61	167.18	149.91	122.06	70.60	26.37	3.35
166.33	148.55	120.21	69.66	26.24	2.94	60	166.95	149.17	120.95	70.60	27.03	3.61
166.09	147.81	119.14	69.66	26.87	3.18	59	166.72	148.45	119.88	70.60	27.68	3.86
165.86	147.09	118.11	69.66	27.49	3.43	58	166.51	147.73	118.86	70.60	28.30	4.12
165.64	146.38	117.12	69.66	28.08	3.68	57	166.29	147.04	117.89	70.60	28.90	4.38
165.42	145.69	116.18	69.66	28.66	3.92	56	166.08	146.35	116.96	70.60	29.49	4.63
165.21	145.01	115.28	69.66	29.21	4.16	55	165.88	145.69	116.06	70.60	30.05	4.89
165.00	144.35	114.42	69.66	29.75	4.41	54	165.68	145.03	115.21	70.60	30.60	5.14
164.80	143.70	113.59	69.66	30.27	4.64	53	165.49	144.39	114.39	70.60	31.13	5.39
164.60	143.06	112.80	69.66	30.78	4.88	52	165.30	143.76	113.61	70.60	31.64	5.63
164.40	142.44	112.04	69.66	31.27	5.11	51	165.11	143.15	112.85	70.60	32.13	5.87
164.21	141.83	111.32	69.66	31.74	5.34	50	164.93	142.55	112.13	70.60	32.61	6.11
164.02	141.23	110.62	69.66	32.19	5.57	49	164.75	141.97	111.44	70.60	33.07	6.35
163.84	140.65	109.95	69.66	32.63	5.79	48	164.57	141.39	110.78	70.60	33.51	6.58
163.66	140.09	109.32	69.66	33.05	6.01	47	164.40	140.83	110.15	70.60	33.94	6.80
163.48	139.53	108.70	69.66	33.46	6.22	46	164.23	140.28	109.54	70.60	34.35	7.02
163.30	138.99	108.12	69.66	33.86	6.43	45	164.06	139.75	108.96	70.60	34.75	7.24
163.12	138.46	107.56	69.66	34.24	6.64	44	163.89	139.23	108.40	70.60	35.14	7.45
162.95	137.94	107.02	69.66	34.60	6.84	43	163.73	138.72	107.87	70.60	35.51	7.66
162.78	137.44	106.50	69.66	34.96	7.03	42	163.56	138.22	107.36	70.60	35.87	7.86
162.62	136.94	106.00	69.66	35.30	7.22	41	163.40	137.74	106.87	70.60	36.21	8.06
162.45	136.46	105.53	69.66	35.63	7.41	40	163.25	137.26	106.39	70.60	36.54	8.25
162.29	136.00	105.07	69.66	35.94	7.58	39	163.09	136.80	105.94	70.60	36.86	8.43
162.12	135.54	104.64	69.66	36.24	7.76	38	162.93	136.35	105.51	70.60	37.16	8.61
161.96	135.09	104.22	69.66	36.53	7.92	37	162.78	135.91	105.09	70.60	37.46	8.79
161.81	134.66	103.82	69.66	36.81	8.09	36	162.63	135.48	104.69	70.60	37.74	8.95
161.65	134.24	103.43	69.66	37.08	8.24	35	162.48	135.07	104.31	70.60	38.01	9.12
161.49	133.82	103.06	69.66	37.34	8.39	34	162.33	134.66	103.95	70.60	38.27	9.27
161.34	133.42	102.71	69.66	37.59	8.53	33	162.18	134.26	103.59	70.60	38.52	9.42
161.18	133.03	102.37	69.66	37.82	8.67	32	162.03	133.88	103.26	70.60	38.76	9.56
161.03	132.65	102.04	69.66	38.05	8.80	31	161.89	133.51	102.93	70.60	38.99	9.70
160.88	132.28	101.73	69.66	38.26	8.92	30	161.74	133.14	102.63	70.60	39.20	9.83
160.72	131.93	101.44	69.66	38.47	9.04	29	161.60	132.79	102.33	70.60	39.41	9.95
160.57	131.58	101.15	69.66	38.67	9.15	28	161.45	132.45	102.05	70.60	39.61	10.06
160.42	131.24	100.88	69.66	38.85	9.25	27	161.31	132.11	101.78	70.60	39.80	10.17
160.27	130.91	100.62	69.66	39.03	9.35	26	161.16	131.79	101.52	70.60	39.98	10.27
160.12	130.59	100.37	69.66	39.20	9.43	25	161.02	131.47	101.27	70.60	40.15	10.37
159.97	130.28	100.13	69.66	39.36	9.52	24	160.88	131.17	101.03	70.60	40.31	10.45
159.83	129.98	99.90	69.66	39.51	9.59	23	160.74	130.87	100.81	70.60	40.46	10.53
159.68	129.69	99.68	69.66	39.65	9.66	22	160.59	130.59	100.59	70.60	40.61	10.60
159.53	129.41	99.47	69.66	39.78	9.72	21	160.45	130.31	100.38	70.60	40.74	10.67
159.38	129.13	99.28	69.66	39.91	9.77	20	160.31	130.04	100.19	70.60	40.87	10.72
159.23	128.87	99.09	69.66	40.03	9.81	19	160.16	129.78	100.00	70.60	40.99	10.77
159.08	128.61	98.91	69.66	40.13	9.85	18	160.02	129.53	99.83	70.60	41.10	10.81
158.93	128.36	98.74	69.66	40.23	9.88	17	159.88	129.29	99.66	70.60	41.20	10.85
158.78	128.13	98.58	69.66	40.33	9.90	16	159.73	129.05	99.50	70.60	41.29	10.87
158.63	127.89	98.43	69.66	40.41	9.91	15	159.59	128.83	99.35	70.60	41.38	10.89
158.48	127.67	98.28	69.66	40.49	9.91	14	159.44	128.61	99.21	70.60	41.46	10.90
158.32	127.46	98.15	69.66	40.56	9.91	13	159.30	128.40	99.07	70.60	41.53	10.90
158.17	127.25	98.02	69.66	40.62	9.90	12	159.15	128.19	98.94	70.60	41.59	10.89
158.02	127.05	97.90	69.66	40.67	9.88	11	159.01	128.00	98.83	70.60	41.64	10.88
157.86	126.86	97.79	69.66	40.72	9.85	10	158.86	127.81	98.72	70.60	41.69	10.85
157.71	126.67	97.68	69.66	40.75	9.81	9	158.71	127.63	98.61	70.60	41.73	10.82
157.55	126.49	97.58	69.66	40.78	9.77	8	158.56	127.46	98.52	70.60	41.76	10.78
157.39	126.32	97.49	69.66	40.81	9.71	7	158.40	127.29	98.43	70.60	41.78	10.73
157.23	126.16	97.41	69.66	40.82	9.65	6	158.25	127.13	98.35	70.60	41.80	10.67
157.07	126.00	97.33	69.66	40.83	9.57	5	158.10	126.98	98.27	70.60	41.81	10.60
156.90	125.85	97.26	69.66	40.83	9.49	4	157.94	126.84	98.20	70.60	41.81	10.52
156.74	125.71	97.20	69.66	40.82	9.40	3	157.78	126.70	98.14	70.60	41.80	10.44
156.57	125.57	97.14	69.66	40.80	9.29	2	157.62	126.56	98.09	70.60	41.79	10.34
156.40	125.44	97.09	69.66	40.78	9.18	1	157.46	126.44	98.04	70.60	41.76	10.23
156.23	125.31	97.05	69.66	40.75	9.06	0	157.29	126.32	98.00	70.60	41.73	10.12

70° Sternzeit 4h40min						71° Sternzeit 4h44min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
168.48	152.81	126.38	71.54	25.00	3.19	64	169.05	153.38	127.07	72.47	25.74	3.81
168.24	152.03	125.13	71.54	25.74	3.46	63	168.83	152.62	125.83	72.47	26.50	4.10
168.01	151.27	123.93	71.54	26.46	3.73	62	168.61	151.87	124.64	72.47	27.23	4.38
167.79	150.53	122.78	71.54	27.15	4.01	61	168.40	151.14	123.51	72.47	27.93	4.66
167.57	149.80	121.68	71.54	27.83	4.28	60	168.19	150.42	122.42	72.47	28.62	4.94
167.35	149.08	120.63	71.54	28.48	4.55	59	167.99	149.72	121.38	72.47	29.28	5.23
167.15	148.38	119.62	71.54	29.11	4.81	58	167.79	149.03	120.38	72.47	29.92	5.50
166.94	147.69	118.66	71.54	29.72	5.08	57	167.60	148.35	119.42	72.47	30.54	5.78
166.75	147.02	117.73	71.54	30.31	5.35	56	167.41	147.69	118.51	72.47	31.14	6.06
166.55	146.36	116.85	71.54	30.89	5.61	55	167.22	147.04	117.63	72.47	31.72	6.33
166.36	145.72	116.00	71.54	31.44	5.87	54	167.04	146.41	116.79	72.47	32.28	6.60
166.18	145.09	115.19	71.54	31.98	6.13	53	166.87	145.78	115.99	72.47	32.83	6.87
166.00	144.47	114.41	71.54	32.49	6.38	52	166.70	145.18	115.22	72.47	33.35	7.13
165.82	143.87	113.67	71.54	32.99	6.63	51	166.53	144.58	114.48	72.47	33.85	7.39
165.64	143.27	112.95	71.54	33.48	6.88	50	166.36	144.00	113.77	72.47	34.34	7.65
165.47	142.70	112.27	71.54	33.94	7.12	49	166.20	143.43	113.10	72.47	34.81	7.90
165.30	142.13	111.61	71.54	34.39	7.36	48	166.04	142.87	112.45	72.47	35.27	8.14
165.14	141.58	110.99	71.54	34.83	7.59	47	165.88	142.33	111.82	72.47	35.71	8.39
164.97	141.04	110.38	71.54	35.24	7.82	46	165.72	141.80	111.23	72.47	36.13	8.62
164.81	140.51	109.81	71.54	35.65	8.05	45	165.57	141.28	110.65	72.47	36.54	8.85
164.66	140.00	109.25	71.54	36.04	8.27	44	165.42	140.77	110.10	72.47	36.93	9.08
164.50	139.50	108.72	71.54	36.41	8.48	43	165.27	140.28	109.58	72.47	37.31	9.30
164.34	139.01	108.22	71.54	36.77	8.69	42	165.13	139.79	109.07	72.47	37.67	9.52
164.19	138.53	107.73	71.54	37.12	8.89	41	164.98	139.32	108.59	72.47	38.03	9.73
164.04	138.06	107.26	71.54	37.45	9.09	40	164.84	138.86	108.12	72.47	38.36	9.93
163.89	137.60	106.81	71.54	37.77	9.28	39	164.70	138.41	107.68	72.47	38.69	10.13
163.74	137.16	106.38	71.54	38.08	9.47	38	164.55	137.97	107.25	72.47	39.00	10.32
163.60	136.73	105.97	71.54	38.38	9.65	37	164.42	137.55	106.84	72.47	39.30	10.51
163.45	136.31	105.57	71.54	38.67	9.82	36	164.28	137.13	106.45	72.47	39.59	10.69
163.31	135.90	105.19	71.54	38.94	9.99	35	164.14	136.73	106.07	72.47	39.86	10.86
163.17	135.50	104.83	71.54	39.20	10.15	34	164.01	136.33	105.71	72.47	40.13	11.03
163.03	135.11	104.48	71.54	39.45	10.31	33	163.87	135.95	105.36	72.47	40.38	11.19
162.89	134.73	104.15	71.54	39.69	10.45	32	163.74	135.58	105.03	72.47	40.63	11.34
162.75	134.36	103.82	71.54	39.92	10.59	31	163.60	135.21	104.71	72.47	40.86	11.49
162.61	134.00	103.52	71.54	40.14	10.73	30	163.47	134.86	104.41	72.47	41.08	11.63
162.47	133.65	103.22	71.54	40.35	10.86	29	163.34	134.52	104.12	72.47	41.29	11.76
162.33	133.31	102.94	71.54	40.55	10.98	28	163.21	134.18	103.84	72.47	41.50	11.89
162.19	132.99	102.67	71.54	40.74	11.09	27	163.08	133.86	103.57	72.47	41.69	12.01
162.06	132.67	102.42	71.54	40.93	11.20	26	162.95	133.55	103.32	72.47	41.87	12.12
161.92	132.36	102.17	71.54	41.10	11.30	25	162.82	133.24	103.07	72.47	42.05	12.22
161.78	132.06	101.94	71.54	41.26	11.39	24	162.69	132.95	102.84	72.47	42.21	12.32
161.65	131.77	101.71	71.54	41.42	11.47	23	162.56	132.66	102.62	72.47	42.37	12.41
161.51	131.49	101.50	71.54	41.56	11.55	22	162.43	132.39	102.41	72.47	42.51	12.49
161.38	131.21	101.29	71.54	41.70	11.62	21	162.30	132.12	102.20	72.47	42.65	12.57
161.24	130.95	101.10	71.54	41.83	11.68	20	162.17	131.86	102.01	72.47	42.78	12.63
161.10	130.70	100.92	71.54	41.95	11.73	19	162.04	131.61	101.83	72.47	42.90	12.69
160.97	130.45	100.74	71.54	42.06	11.78	18	161.91	131.37	101.66	72.47	43.01	12.74
160.83	130.21	100.57	71.54	42.16	11.82	17	161.78	131.14	101.49	72.47	43.12	12.79
160.69	129.98	100.42	71.54	42.26	11.85	16	161.65	130.91	101.34	72.47	43.22	12.82
160.55	129.76	100.27	71.54	42.34	11.87	15	161.52	130.69	101.19	72.47	43.31	12.85
160.42	129.55	100.13	71.54	42.42	11.88	14	161.39	130.48	101.05	72.47	43.39	12.87
160.28	129.34	99.99	71.54	42.49	11.89	13	161.25	130.28	100.92	72.47	43.46	12.88
160.14	129.14	99.87	71.54	42.56	11.89	12	161.12	130.09	100.79	72.47	43.52	12.88
159.99	128.95	99.75	71.54	42.61	11.88	11	160.99	129.90	100.68	72.47	43.58	12.88
159.85	128.77	99.64	71.54	42.66	11.86	10	160.85	129.73	100.57	72.47	43.63	12.86
159.71	128.59	99.54	71.54	42.70	11.83	9	160.71	129.56	100.47	72.47	43.67	12.84
159.57	128.42	99.45	71.54	42.73	11.79	8	160.58	129.39	100.38	72.47	43.71	12.81
159.42	128.26	99.36	71.54	42.76	11.75	7	160.44	129.24	100.29	72.47	43.73	12.77
159.27	128.11	99.28	71.54	42.78	11.69	6	160.30	129.09	100.21	72.47	43.75	12.72
159.13	127.96	99.21	71.54	42.79	11.63	5	160.16	128.94	100.14	72.47	43.76	12.66
158.98	127.82	99.14	71.54	42.79	11.56	4	160.02	128.81	100.08	72.47	43.77	12.59
158.83	127.69	99.08	71.54	42.78	11.48	3	159.87	128.68	100.02	72.47	43.76	12.52
158.67	127.56	99.03	71.54	42.77	11.38	2	159.73	128.56	99.97	72.47	43.75	12.43
158.52	127.44	98.98	71.54	42.75	11.28	1	159.58	128.44	99.92	72.47	43.73	12.33
158.36	127.32	98.94	71.54	42.72	11.17	0	159.43	128.33	99.89	72.47	43.70	12.23

72° Sternzeit 4h48min						73° Sternzeit 4h52min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
169.63	153.96	127.76	73.40	26.49	4.43	64	170.20	154.54	128.45	74.33	27.23	5.05
169.41	153.21	126.53	73.40	27.25	4.73	63	170.00	153.80	127.23	74.33	28.01	5.36
169.21	152.47	125.36	73.40	27.99	5.02	62	169.81	153.08	126.07	74.33	28.76	5.67
169.00	151.75	124.23	73.40	28.71	5.32	61	169.61	152.37	124.96	74.33	29.49	5.97
168.81	151.05	123.16	73.40	29.40	5.61	60	169.43	151.67	123.90	74.33	30.19	6.28
168.62	150.35	122.13	73.40	30.08	5.90	59	169.25	150.99	122.88	74.33	30.87	6.58
168.43	149.68	121.14	73.40	30.73	6.19	58	169.07	150.32	121.90	74.33	31.53	6.88
168.25	149.01	120.19	73.40	31.36	6.48	57	168.90	149.67	120.96	74.33	32.17	7.18
168.07	148.36	119.29	73.40	31.97	6.77	56	168.73	149.03	120.06	74.33	32.79	7.48
167.90	147.72	118.42	73.40	32.55	7.05	55	168.57	148.40	119.20	74.33	33.39	7.77
167.72	147.09	117.59	73.40	33.12	7.33	54	168.41	147.78	118.38	74.33	33.96	8.06
167.56	146.48	116.79	73.40	33.67	7.61	53	168.25	147.18	117.59	74.33	34.52	8.35
167.39	145.88	116.03	73.40	34.20	7.88	52	168.09	146.59	116.83	74.33	35.05	8.63
167.23	145.30	115.29	73.40	34.71	8.15	51	167.94	146.02	116.11	74.33	35.57	8.90
167.08	144.72	114.59	73.40	35.21	8.41	50	167.79	145.45	115.41	74.33	36.07	9.18
166.92	144.16	113.92	73.40	35.69	8.67	49	167.65	144.90	114.75	74.33	36.55	9.44
166.77	143.61	113.28	73.40	36.15	8.93	48	167.50	144.36	114.11	74.33	37.02	9.71
166.62	143.08	112.66	73.40	36.59	9.18	47	167.36	143.83	113.50	74.33	37.47	9.97
166.47	142.55	112.07	73.40	37.02	9.42	46	167.22	143.31	112.91	74.33	37.90	10.22
166.33	142.04	111.50	73.40	37.43	9.66	45	167.09	142.81	112.35	74.33	38.32	10.47
166.19	141.54	110.95	73.40	37.83	9.89	44	166.95	142.32	111.80	74.33	38.72	10.71
166.05	141.06	110.43	73.40	38.21	10.12	43	166.82	141.84	111.29	74.33	39.10	10.94
165.91	140.58	109.93	73.40	38.58	10.35	42	166.69	141.37	110.79	74.33	39.48	11.17
165.77	140.11	109.45	73.40	38.93	10.56	41	166.56	140.91	110.31	74.33	39.83	11.40
165.63	139.66	108.99	73.40	39.27	10.77	40	166.43	140.46	109.85	74.33	40.18	11.62
165.50	139.22	108.55	73.40	39.60	10.98	39	166.30	140.03	109.42	74.33	40.51	11.83
165.37	138.79	108.12	73.40	39.92	11.18	38	166.18	139.60	108.99	74.33	40.83	12.03
165.23	138.37	107.72	73.40	40.22	11.37	37	166.05	139.19	108.59	74.33	41.13	12.23
165.10	137.96	107.33	73.40	40.51	11.56	36	165.93	138.78	108.20	74.33	41.43	12.42
164.97	137.56	106.95	73.40	40.79	11.74	35	165.81	138.39	107.83	74.33	41.71	12.61
164.85	137.17	106.59	73.40	41.06	11.91	34	165.68	138.01	107.48	74.33	41.98	12.79
164.72	136.79	106.25	73.40	41.31	12.08	33	165.56	137.64	107.14	74.33	42.24	12.96
164.59	136.43	105.92	73.40	41.56	12.24	32	165.44	137.28	106.81	74.33	42.49	13.12
164.46	136.07	105.61	73.40	41.79	12.39	31	165.32	136.92	106.50	74.33	42.72	13.28
164.34	135.72	105.30	73.40	42.02	12.53	30	165.21	136.58	106.20	74.33	42.95	13.43
164.21	135.38	105.01	73.40	42.23	12.67	29	165.09	136.25	105.91	74.33	43.17	13.58
164.09	135.06	104.74	73.40	42.43	12.80	28	164.97	135.93	105.63	74.33	43.37	13.71
163.97	134.74	104.47	73.40	42.63	12.93	27	164.85	135.62	105.37	74.33	43.57	13.84
163.84	134.43	104.22	73.40	42.81	13.04	26	164.74	135.31	105.12	74.33	43.76	13.97
163.72	134.13	103.98	73.40	42.99	13.15	25	164.62	135.02	104.88	74.33	43.93	14.08
163.60	133.84	103.75	73.40	43.16	13.26	24	164.50	134.73	104.65	74.33	44.10	14.19
163.47	133.56	103.53	73.40	43.31	13.35	23	164.39	134.46	104.43	74.33	44.26	14.29
163.35	133.29	103.31	73.40	43.46	13.44	22	164.27	134.19	104.22	74.33	44.41	14.38
163.23	133.03	103.11	73.40	43.60	13.52	21	164.15	133.93	104.02	74.33	44.55	14.46
163.10	132.77	102.92	73.40	43.73	13.59	20	164.04	133.69	103.84	74.33	44.69	14.54
162.98	132.53	102.74	73.40	43.86	13.65	19	163.92	133.44	103.66	74.33	44.81	14.61
162.86	132.29	102.57	73.40	43.97	13.71	18	163.80	133.21	103.49	74.33	44.93	14.67
162.73	132.06	102.41	73.40	44.08	13.76	17	163.69	132.99	103.32	74.33	45.03	14.72
162.61	131.84	102.25	73.40	44.18	13.80	16	163.57	132.77	103.17	74.33	45.13	14.77
162.48	131.63	102.11	73.40	44.27	13.83	15	163.45	132.57	103.03	74.33	45.22	14.81
162.36	131.43	101.97	73.40	44.35	13.85	14	163.33	132.37	102.89	74.33	45.31	14.84
162.23	131.23	101.84	73.40	44.42	13.87	13	163.21	132.18	102.76	74.33	45.38	14.86
162.11	131.04	101.72	73.40	44.49	13.88	12	163.09	131.99	102.64	74.33	45.45	14.87
161.98	130.86	101.61	73.40	44.55	13.88	11	162.97	131.82	102.53	74.33	45.51	14.87
161.85	130.69	101.50	73.40	44.60	13.87	10	162.85	131.65	102.43	74.33	45.56	14.87
161.72	130.52	101.40	73.40	44.64	13.85	9	162.73	131.49	102.33	74.33	45.61	14.86
161.59	130.36	101.31	73.40	44.68	13.82	8	162.61	131.33	102.24	74.33	45.65	14.83
161.46	130.21	101.23	73.40	44.71	13.79	7	162.48	131.19	102.16	74.33	45.68	14.80
161.33	130.07	101.15	73.40	44.73	13.74	6	162.35	131.05	102.08	74.33	45.70	14.77
161.19	129.93	101.08	73.40	44.74	13.69	5	162.23	130.91	102.02	74.33	45.71	14.72
161.06	129.80	101.02	73.40	44.74	13.63	4	162.10	130.79	101.95	74.33	45.72	14.66
160.92	129.67	100.96	73.40	44.74	13.56	3	161.97	130.67	101.90	74.33	45.72	14.59
160.78	129.56	100.91	73.40	44.73	13.47	2	161.84	130.56	101.85	74.33	45.71	14.52
160.64	129.44	100.87	73.40	44.71	13.38	1	161.70	130.45	101.81	74.33	45.69	14.43
160.50	129.34	100.83	73.40	44.69	13.28	0	161.57	130.35	101.78	74.33	45.67	14.34

74° Sternzeit 4h56min						75° Sternzeit 5h 0min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
170.78	155.12	129.14	75.26	27.97	5.67	64	171.35	155.70	129.83	76.19	28.71	6.29
170.59	154.39	127.94	75.26	28.76	5.99	63	171.18	154.99	128.64	76.19	29.51	6.62
170.40	153.68	126.79	75.26	29.52	6.31	62	171.00	154.29	127.51	76.19	30.29	6.95
170.22	152.99	125.69	75.26	30.26	6.63	61	170.83	153.61	126.42	76.19	31.04	7.28
170.05	152.30	124.64	75.26	30.98	6.95	60	170.67	152.93	125.38	76.19	31.76	7.61
169.88	151.63	123.63	75.26	31.67	7.26	59	170.51	152.27	124.38	76.19	32.46	7.94
169.71	150.98	122.66	75.26	32.34	7.57	58	170.36	151.63	123.42	76.19	33.14	8.26
169.55	150.33	121.73	75.26	32.99	7.88	57	170.20	150.99	122.50	76.19	33.80	8.58
169.39	149.70	120.84	75.26	33.61	8.19	56	170.06	150.37	121.62	76.19	34.43	8.89
169.24	149.08	119.99	75.26	34.22	8.49	55	169.91	149.77	120.78	76.19	35.04	9.21
169.09	148.48	119.18	75.26	34.80	8.79	54	169.77	149.17	119.97	76.19	35.63	9.52
168.94	147.88	118.39	75.26	35.36	9.08	53	169.63	148.59	119.20	76.19	36.20	9.82
168.79	147.30	117.64	75.26	35.90	9.37	52	169.49	148.01	118.45	76.19	36.75	10.12
168.65	146.73	116.92	75.26	36.43	9.66	51	169.36	147.45	117.74	76.19	37.28	10.41
168.51	146.18	116.24	75.26	36.93	9.94	50	169.23	146.91	117.06	76.19	37.79	10.70
168.37	145.63	115.57	75.26	37.42	10.22	49	169.10	146.37	116.40	76.19	38.29	10.99
168.24	145.10	114.94	75.26	37.89	10.49	48	168.97	145.85	115.77	76.19	38.76	11.27
168.11	144.58	114.33	75.26	38.35	10.75	47	168.85	145.34	115.17	76.19	39.22	11.54
167.97	144.07	113.75	75.26	38.78	11.01	46	168.73	144.83	114.59	76.19	39.66	11.81
167.85	143.58	113.19	75.26	39.20	11.27	45	168.60	144.35	114.04	76.19	40.09	12.07
167.72	143.09	112.66	75.26	39.61	11.52	44	168.49	143.87	113.51	76.19	40.50	12.33
167.59	142.62	112.14	75.26	40.00	11.76	43	168.37	143.40	113.00	76.19	40.89	12.58
167.47	142.16	111.65	75.26	40.37	12.00	42	168.25	142.95	112.51	76.19	41.27	12.82
167.35	141.70	111.17	75.26	40.74	12.23	41	168.14	142.50	112.04	76.19	41.64	13.06
167.23	141.26	110.72	75.26	41.08	12.45	40	168.02	142.07	111.59	76.19	41.99	13.29
167.11	140.84	110.28	75.26	41.42	12.67	39	167.91	141.65	111.15	76.19	42.32	13.52
166.99	140.42	109.87	75.26	41.74	12.88	38	167.80	141.23	110.74	76.19	42.65	13.74
166.87	140.01	109.47	75.26	42.05	13.09	37	167.69	140.83	110.34	76.19	42.96	13.95
166.75	139.61	109.08	75.26	42.34	13.29	36	167.58	140.44	109.96	76.19	43.26	14.15
166.64	139.23	108.71	75.26	42.63	13.48	35	167.47	140.06	109.59	76.19	43.55	14.35
166.52	138.85	108.36	75.26	42.90	13.66	34	167.36	139.69	109.24	76.19	43.82	14.54
166.41	138.48	108.02	75.26	43.16	13.84	33	167.26	139.33	108.91	76.19	44.09	14.72
166.30	138.13	107.70	75.26	43.41	14.01	32	167.15	138.98	108.59	76.19	44.34	14.90
166.19	137.78	107.39	75.26	43.65	14.18	31	167.05	138.64	108.28	76.19	44.58	15.07
166.07	137.45	107.09	75.26	43.88	14.33	30	166.94	138.31	107.98	76.19	44.81	15.23
165.96	137.12	106.80	75.26	44.10	14.48	29	166.84	137.99	107.70	76.19	45.03	15.39
165.85	136.80	106.53	75.26	44.31	14.63	28	166.73	137.68	107.43	76.19	45.24	15.54
165.74	136.49	106.27	75.26	44.51	14.76	27	166.63	137.37	107.17	76.19	45.44	15.68
165.63	136.20	106.02	75.26	44.69	14.89	26	166.53	137.08	106.92	76.19	45.63	15.81
165.52	135.91	105.78	75.26	44.87	15.01	25	166.42	136.80	106.69	76.19	45.81	15.93
165.40	135.63	105.56	75.26	45.04	15.12	24	166.32	136.52	106.46	76.19	45.99	16.05
165.30	135.36	105.34	75.26	45.21	15.23	23	166.22	136.26	106.25	76.19	46.15	16.16
165.19	135.10	105.13	75.26	45.36	15.32	22	166.11	136.00	106.04	76.19	46.30	16.26
165.08	134.84	104.93	75.26	45.50	15.41	21	166.01	135.75	105.85	76.19	46.45	16.36
164.97	134.60	104.75	75.26	45.63	15.49	20	165.91	135.51	105.66	76.19	46.58	16.45
164.86	134.36	104.57	75.26	45.76	15.57	19	165.80	135.28	105.48	76.19	46.71	16.52
164.75	134.14	104.40	75.26	45.88	15.63	18	165.70	135.06	105.32	76.19	46.83	16.60
164.64	133.92	104.24	75.26	45.99	15.69	17	165.60	134.85	105.16	76.19	46.94	16.66
164.53	133.71	104.09	75.26	46.09	15.74	16	165.49	134.64	105.01	76.19	47.04	16.71
164.42	133.50	103.95	75.26	46.18	15.78	15	165.39	134.44	104.87	76.19	47.14	16.76
164.31	133.31	103.81	75.26	46.27	15.82	14	165.28	134.25	104.74	76.19	47.22	16.80
164.19	133.12	103.69	75.26	46.34	15.84	13	165.18	134.07	104.61	76.19	47.30	16.83
164.08	132.94	103.57	75.26	46.41	15.86	12	165.07	133.90	104.49	76.19	47.37	16.85
163.97	132.77	103.46	75.26	46.47	15.87	11	164.96	133.73	104.39	76.19	47.44	16.87
163.85	132.61	103.36	75.26	46.53	15.87	10	164.86	133.57	104.28	76.19	47.49	16.87
163.74	132.45	103.26	75.26	46.57	15.86	9	164.75	133.42	104.19	76.19	47.54	16.87
163.62	132.30	103.17	75.26	46.61	15.85	8	164.64	133.28	104.10	76.19	47.58	16.86
163.50	132.16	103.09	75.26	46.64	15.82	7	164.53	133.14	104.03	76.19	47.61	16.84
163.38	132.03	103.02	75.26	46.67	15.79	6	164.42	133.01	103.95	76.19	47.63	16.81
163.26	131.90	102.95	75.26	46.68	15.75	5	164.30	132.89	103.89	76.19	47.65	16.77
163.14	131.78	102.89	75.26	46.69	15.69	4	164.19	132.77	103.83	76.19	47.66	16.73
163.02	131.67	102.84	75.26	46.69	15.63	3	164.07	132.67	103.78	76.19	47.66	16.67
162.90	131.56	102.79	75.26	46.68	15.56	2	163.96	132.56	103.74	76.19	47.66	16.61
162.77	131.46	102.75	75.26	46.67	15.48	1	163.84	132.47	103.70	76.19	47.64	16.53
162.64	131.36	102.72	75.26	46.64	15.39	0	163.72	132.38	103.67	76.19	47.62	16.45

76°		Sternzeit				5h 4min	77°		Sternzeit				5h 8min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
171.93	156.28	130.52	77.12	29.45	6.90	64	172.50	156.87	131.22	78.04	30.18	7.52	
171.76	155.58	129.35	77.12	30.26	7.25	63	172.35	156.18	130.06	78.04	31.01	7.88	
171.60	154.90	128.23	77.12	31.05	7.59	62	172.20	155.51	128.95	78.04	31.81	8.23	
171.44	154.22	127.15	77.12	31.81	7.94	61	172.05	154.85	127.89	78.04	32.58	8.59	
171.29	153.56	126.12	77.12	32.55	8.27	60	171.91	154.20	126.87	78.04	33.33	8.94	
171.14	152.92	125.13	77.12	33.26	8.61	59	171.77	153.56	125.89	78.04	34.05	9.29	
171.00	152.28	124.18	77.12	33.94	8.94	58	171.64	152.94	124.95	78.04	34.75	9.63	
170.86	151.66	123.28	77.12	34.61	9.27	57	171.51	152.32	124.05	78.04	35.42	9.97	
170.72	151.05	122.40	77.12	35.25	9.60	56	171.38	151.72	123.19	78.04	36.07	10.31	
170.58	150.45	121.57	77.12	35.87	9.92	55	171.25	151.13	122.36	78.04	36.69	10.64	
170.45	149.86	120.77	77.12	36.47	10.24	54	171.13	150.56	121.57	78.04	37.30	10.97	
170.32	149.29	120.00	77.12	37.04	10.55	53	171.01	149.99	120.80	78.04	37.88	11.29	
170.19	148.73	119.26	77.12	37.60	10.86	52	170.89	149.44	120.07	78.04	38.44	11.61	
170.07	148.18	118.56	77.12	38.14	11.17	51	170.78	148.90	119.37	78.04	38.99	11.92	
169.95	147.64	117.88	77.12	38.65	11.47	50	170.66	148.37	118.70	78.04	39.51	12.23	
169.83	147.11	117.23	77.12	39.15	11.76	49	170.55	147.85	118.06	78.04	40.01	12.53	
169.71	146.59	116.61	77.12	39.63	12.05	48	170.44	147.34	117.44	78.04	40.50	12.82	
169.59	146.09	116.01	77.12	40.10	12.33	47	170.33	146.85	116.85	78.04	40.97	13.11	
169.48	145.60	115.44	77.12	40.54	12.60	46	170.23	146.36	116.28	78.04	41.42	13.40	
169.36	145.12	114.89	77.12	40.97	12.87	45	170.12	145.89	115.73	78.04	41.85	13.67	
169.25	144.65	114.36	77.12	41.38	13.14	44	170.02	145.42	115.21	78.04	42.27	13.95	
169.14	144.19	113.85	77.12	41.78	13.40	43	169.92	144.97	114.71	78.04	42.67	14.21	
169.03	143.74	113.37	77.12	42.17	13.65	42	169.82	144.53	114.23	78.04	43.06	14.47	
168.93	143.30	112.90	77.12	42.53	13.89	41	169.72	144.10	113.76	78.04	43.43	14.72	
168.82	142.87	112.45	77.12	42.89	14.13	40	169.62	143.68	113.32	78.04	43.79	14.97	
168.72	142.46	112.02	77.12	43.23	14.36	39	169.52	143.27	112.89	78.04	44.13	15.20	
168.61	142.05	111.61	77.12	43.56	14.59	38	169.42	142.87	112.49	78.04	44.46	15.43	
168.51	141.66	111.22	77.12	43.87	14.80	37	169.33	142.48	112.09	78.04	44.78	15.66	
168.41	141.27	110.84	77.12	44.17	15.01	36	169.23	142.10	111.72	78.04	45.08	15.88	
168.31	140.90	110.48	77.12	44.46	15.22	35	169.14	141.74	111.36	78.04	45.38	16.09	
168.21	140.53	110.13	77.12	44.74	15.42	34	169.05	141.38	111.01	78.04	45.66	16.29	
168.11	140.18	109.79	77.12	45.01	15.60	33	168.95	141.03	110.68	78.04	45.93	16.48	
168.01	139.83	109.47	77.12	45.26	15.79	32	168.86	140.69	110.36	78.04	46.18	16.67	
167.91	139.50	109.17	77.12	45.51	15.96	31	168.77	140.36	110.06	78.04	46.43	16.85	
167.81	139.17	108.87	77.12	45.74	16.13	30	168.68	140.04	109.77	78.04	46.66	17.03	
167.71	138.86	108.59	77.12	45.96	16.29	29	168.59	139.73	109.49	78.04	46.89	17.19	
167.62	138.55	108.33	77.12	46.17	16.44	28	168.50	139.43	109.22	78.04	47.10	17.35	
167.52	138.26	108.07	77.12	46.38	16.59	27	168.41	139.14	108.97	78.04	47.31	17.50	
167.42	137.97	107.82	77.12	46.57	16.73	26	168.32	138.86	108.73	78.04	47.50	17.65	
167.33	137.69	107.59	77.12	46.75	16.86	25	168.23	138.58	108.49	78.04	47.69	17.78	
167.23	137.42	107.37	77.12	46.92	16.98	24	168.14	138.32	108.27	78.04	47.86	17.91	
167.13	137.16	107.15	77.12	47.09	17.10	23	168.05	138.06	108.06	78.04	48.03	18.03	
167.04	136.91	106.95	77.12	47.24	17.20	22	167.96	137.82	107.86	78.04	48.18	18.14	
166.94	136.67	106.76	77.12	47.39	17.30	21	167.87	137.58	107.67	78.04	48.33	18.25	
166.84	136.43	106.57	77.12	47.53	17.40	20	167.78	137.35	107.48	78.04	48.47	18.35	
166.75	136.21	106.40	77.12	47.66	17.48	19	167.69	137.13	107.31	78.04	48.60	18.43	
166.65	135.99	106.23	77.12	47.78	17.56	18	167.60	136.92	107.15	78.04	48.72	18.52	
166.55	135.78	106.08	77.12	47.89	17.62	17	167.51	136.71	106.99	78.04	48.84	18.59	
166.46	135.58	105.93	77.12	47.99	17.68	16	167.42	136.52	106.85	78.04	48.94	18.65	
166.36	135.39	105.79	77.12	48.09	17.74	15	167.33	136.33	106.71	78.04	49.04	18.71	
166.26	135.20	105.66	77.12	48.18	17.78	14	167.24	136.15	106.58	78.04	49.13	18.76	
166.16	135.02	105.54	77.12	48.26	17.82	13	167.15	135.98	106.46	78.04	49.21	18.80	
166.06	134.85	105.42	77.12	48.33	17.84	12	167.05	135.81	106.35	78.04	49.29	18.83	
165.96	134.69	105.31	77.12	48.39	17.86	11	166.96	135.66	106.24	78.04	49.35	18.86	
165.86	134.54	105.21	77.12	48.45	17.87	10	166.87	135.51	106.14	78.04	49.41	18.87	
165.76	134.39	105.12	77.12	48.50	17.88	9	166.77	135.36	106.05	78.04	49.46	18.88	
165.66	134.25	105.04	77.12	48.54	17.87	8	166.68	135.23	105.97	78.04	49.50	18.88	
165.55	134.12	104.96	77.12	48.57	17.86	7	166.58	135.10	105.89	78.04	49.54	18.87	
165.45	134.00	104.89	77.12	48.60	17.83	6	166.48	134.98	105.82	78.04	49.57	18.85	
165.34	133.88	104.83	77.12	48.62	17.80	5	166.38	134.87	105.76	78.04	49.58	18.83	
165.24	133.77	104.77	77.12	48.63	17.76	4	166.28	134.77	105.71	78.04	49.60	18.79	
165.13	133.67	104.72	77.12	48.63	17.71	3	166.18	134.67	105.66	78.04	49.60	18.75	
165.02	133.57	104.68	77.12	48.63	17.65	2	166.08	134.58	105.62	78.04	49.60	18.69	
164.91	133.48	104.64	77.12	48.62	17.58	1	165.98	134.49	105.59	78.04	49.59	18.63	
164.80	133.40	104.61	77.12	48.60	17.50	0	165.87	134.41	105.56	78.04	49.57	18.56	

78° Sternzeit 5h12min						79° Sternzeit 5h16min						
Äsz.	XII	XI	MC	IX	VIII	Br.	Äsz.	XII	XI	MC	IX	VIII
173.08	157.45	131.91	78.97	30.92	8.13	64	173.66	158.04	132.61	79.89	31.65	8.75
172.94	156.78	130.77	78.97	31.76	8.50	63	173.53	157.38	131.48	79.89	32.50	9.13
172.80	156.12	129.67	78.97	32.57	8.87	62	173.40	156.73	130.40	79.89	33.32	9.51
172.67	155.47	128.62	78.97	33.35	9.24	61	173.28	156.09	129.36	79.89	34.12	9.89
172.53	154.83	127.61	78.97	34.11	9.60	60	173.16	155.47	128.36	79.89	34.89	10.26
172.41	154.21	126.64	78.97	34.84	9.96	59	173.04	154.85	127.40	79.89	35.63	10.63
172.28	153.59	125.71	78.97	35.54	10.31	58	172.93	154.25	126.48	79.89	36.34	11.00
172.16	152.99	124.82	78.97	36.23	10.67	57	172.81	153.66	125.60	79.89	37.03	11.36
172.04	152.40	123.97	78.97	36.88	11.01	56	172.71	153.08	124.75	79.89	37.70	11.72
171.93	151.82	123.15	78.97	37.52	11.35	55	172.60	152.51	123.94	79.89	38.34	12.07
171.81	151.25	122.36	78.97	38.13	11.69	54	172.49	151.95	123.16	79.89	38.96	12.41
171.70	150.70	121.61	78.97	38.72	12.02	53	172.39	151.41	122.42	79.89	39.56	12.76
171.59	150.15	120.89	78.97	39.29	12.35	52	172.29	150.87	121.70	79.89	40.13	13.09
171.49	149.62	120.19	78.97	39.84	12.67	51	172.19	150.35	121.01	79.89	40.68	13.42
171.38	149.10	119.53	78.97	40.37	12.99	50	172.10	149.83	120.35	79.89	41.22	13.75
171.28	148.59	118.89	78.97	40.87	13.30	49	172.00	149.33	119.72	79.89	41.73	14.06
171.18	148.09	118.28	78.97	41.37	13.60	48	171.91	148.84	119.11	79.89	42.23	14.38
171.08	147.60	117.69	78.97	41.84	13.90	47	171.82	148.36	118.53	79.89	42.71	14.68
170.98	147.12	117.12	78.97	42.29	14.19	46	171.73	147.89	117.97	79.89	43.17	14.98
170.88	146.66	116.58	78.97	42.73	14.47	45	171.64	147.43	117.43	79.89	43.61	15.27
170.79	146.20	116.06	78.97	43.15	14.75	44	171.55	146.98	116.92	79.89	44.04	15.56
170.69	145.76	115.56	78.97	43.56	15.03	43	171.47	146.55	116.42	79.89	44.45	15.84
170.60	145.32	115.09	78.97	43.95	15.29	42	171.38	146.12	115.95	79.89	44.84	16.11
170.51	144.90	114.63	78.97	44.33	15.55	41	171.30	145.70	115.49	79.89	45.22	16.38
170.42	144.49	114.19	78.97	44.69	15.80	40	171.21	145.29	115.06	79.89	45.58	16.63
170.33	144.08	113.76	78.97	45.03	16.05	39	171.13	144.90	114.64	79.89	45.93	16.89
170.24	143.69	113.36	78.97	45.37	16.28	38	171.05	144.51	114.23	79.89	46.27	17.13
170.15	143.31	112.97	78.97	45.69	16.51	37	170.97	144.14	113.85	79.89	46.59	17.37
170.06	142.94	112.60	78.97	45.99	16.74	36	170.89	143.77	113.48	79.89	46.90	17.60
169.97	142.57	112.24	78.97	46.29	16.95	35	170.81	143.41	113.12	79.89	47.20	17.82
169.89	142.22	111.90	78.97	46.57	17.16	34	170.73	143.07	112.78	79.89	47.49	18.03
169.80	141.88	111.57	78.97	46.84	17.36	33	170.65	142.73	112.46	79.89	47.76	18.24
169.72	141.55	111.25	78.97	47.10	17.56	32	170.57	142.40	112.14	79.89	48.02	18.44
169.63	141.22	110.95	78.97	47.35	17.74	31	170.50	142.09	111.84	79.89	48.27	18.63
169.55	140.91	110.66	78.97	47.59	17.92	30	170.42	141.78	111.56	79.89	48.51	18.82
169.46	140.60	110.39	78.97	47.81	18.10	29	170.34	141.48	111.28	79.89	48.74	19.00
169.38	140.31	110.12	78.97	48.03	18.26	28	170.26	141.19	111.02	79.89	48.96	19.17
169.30	140.02	109.87	78.97	48.24	18.42	27	170.19	140.91	110.77	79.89	49.17	19.33
169.21	139.75	109.63	78.97	48.43	18.56	26	170.11	140.64	110.53	79.89	49.36	19.48
169.13	139.48	109.40	78.97	48.62	18.71	25	170.04	140.37	110.30	79.89	49.55	19.63
169.05	139.22	109.18	78.97	48.80	18.84	24	169.96	140.12	110.08	79.89	49.73	19.77
168.97	138.97	108.97	78.97	48.96	18.96	23	169.88	139.87	109.88	79.89	49.90	19.90
168.88	138.73	108.77	78.97	49.12	19.08	22	169.81	139.64	109.68	79.89	50.06	20.02
168.80	138.49	108.58	78.97	49.27	19.19	21	169.73	139.41	109.49	79.89	50.21	20.14
168.72	138.27	108.40	78.97	49.41	19.29	20	169.66	139.19	109.31	79.89	50.35	20.24
168.63	138.05	108.23	78.97	49.55	19.39	19	169.58	138.98	109.14	79.89	50.49	20.34
168.55	137.85	108.07	78.97	49.67	19.48	18	169.50	138.78	108.98	79.89	50.61	20.43
168.47	137.65	107.91	78.97	49.78	19.55	17	169.43	138.58	108.83	79.89	50.73	20.52
168.38	137.46	107.77	78.97	49.89	19.62	16	169.35	138.40	108.69	79.89	50.84	20.59
168.30	137.27	107.63	78.97	49.99	19.69	15	169.27	138.22	108.55	79.89	50.94	20.66
168.22	137.10	107.50	78.97	50.08	19.74	14	169.19	138.05	108.43	79.89	51.03	20.72
168.13	136.93	107.38	78.97	50.16	19.79	13	169.12	137.89	108.31	79.89	51.12	20.77
168.05	136.77	107.27	78.97	50.24	19.82	12	169.04	137.73	108.20	79.89	51.19	20.81
167.96	136.62	107.17	78.97	50.31	19.85	11	168.96	137.58	108.10	79.89	51.26	20.85
167.87	136.48	107.07	78.97	50.37	19.87	10	168.88	137.45	108.00	79.89	51.32	20.87
167.78	136.34	106.98	78.97	50.42	19.89	9	168.80	137.31	107.91	79.89	51.37	20.89
167.70	136.21	106.90	78.97	50.46	19.89	8	168.72	137.19	107.83	79.89	51.42	20.90
167.61	136.09	106.83	78.97	50.50	19.89	7	168.64	137.07	107.76	79.89	51.46	20.90
167.52	135.97	106.76	78.97	50.53	19.87	6	168.55	136.96	107.70	79.89	51.49	20.89
167.43	135.87	106.70	78.97	50.55	19.85	5	168.47	136.86	107.64	79.89	51.51	20.88
167.33	135.77	106.65	78.97	50.56	19.82	4	168.39	136.77	107.59	79.89	51.53	20.85
167.24	135.67	106.60	78.97	50.57	19.78	3	168.30	136.68	107.54	79.89	51.53	20.82
167.15	135.59	106.56	78.97	50.57	19.73	2	168.21	136.60	107.51	79.89	51.53	20.77
167.05	135.51	106.53	78.97	50.56	19.68	1	168.13	136.52	107.48	79.89	51.53	20.72
166.96	135.43	106.50	78.97	50.54	19.61	0	168.04	136.46	107.45	79.89	51.51	20.66

80° Sternzeit 5h20min						81° Sternzeit 5h24min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
174.23	158.63	133.31	80.81	32.38	9.36	64	174.81	159.22	134.01	81.73	33.11	9.97
174.11	157.98	132.19	80.81	33.25	9.75	63	174.70	158.58	132.91	81.73	33.99	10.38
174.00	157.34	131.12	80.81	34.08	10.15	62	174.60	157.96	131.85	81.73	34.83	10.78
173.89	156.72	130.09	80.81	34.88	10.54	61	174.50	157.34	130.83	81.73	35.65	11.18
173.78	156.10	129.10	80.81	35.66	10.92	60	174.40	156.74	129.85	81.73	36.44	11.58
173.67	155.50	128.16	80.81	36.41	11.30	59	174.30	156.15	128.92	81.73	37.20	11.97
173.57	154.91	127.25	80.81	37.14	11.68	58	174.21	155.57	128.02	81.73	37.93	12.36
173.47	154.33	126.37	80.81	37.84	12.05	57	174.12	155.00	127.15	81.73	38.64	12.74
173.37	153.76	125.54	80.81	38.51	12.42	56	174.03	154.44	126.32	81.73	39.32	13.12
173.27	153.20	124.73	80.81	39.16	12.78	55	173.94	153.89	125.53	81.73	39.98	13.49
173.18	152.65	123.96	80.81	39.79	13.14	54	173.86	153.35	124.76	81.73	40.61	13.86
173.08	152.11	123.22	80.81	40.39	13.49	53	173.78	152.82	124.03	81.73	41.22	14.22
172.99	151.59	122.51	80.81	40.97	13.83	52	173.69	152.31	123.33	81.73	41.81	14.57
172.90	151.07	121.83	80.81	41.53	14.17	51	173.61	151.80	122.65	81.73	42.38	14.92
172.82	150.57	121.18	80.81	42.07	14.50	50	173.53	151.30	122.00	81.73	42.92	15.26
172.73	150.07	120.55	80.81	42.59	14.83	49	173.46	150.82	121.38	81.73	43.45	15.60
172.65	149.59	119.95	80.81	43.09	15.15	48	173.38	150.34	120.78	81.73	43.95	15.92
172.56	149.12	119.37	80.81	43.57	15.46	47	173.31	149.88	120.21	81.73	44.44	16.25
172.48	148.66	118.81	80.81	44.04	15.77	46	173.23	149.42	119.66	81.73	44.91	16.56
172.40	148.21	118.28	80.81	44.49	16.07	45	173.16	148.98	119.13	81.73	45.36	16.87
172.32	147.76	117.77	80.81	44.92	16.36	44	173.09	148.55	118.63	81.73	45.79	17.17
172.24	147.33	117.28	80.81	45.33	16.65	43	173.02	148.12	118.14	81.73	46.21	17.46
172.16	146.91	116.81	80.81	45.73	16.93	42	172.95	147.71	117.67	81.73	46.61	17.75
172.09	146.50	116.36	80.81	46.11	17.20	41	172.88	147.31	117.22	81.73	47.00	18.03
172.01	146.10	115.92	80.81	46.48	17.47	40	172.81	146.91	116.79	81.73	47.37	18.30
171.94	145.71	115.51	80.81	46.83	17.73	39	172.74	146.53	116.38	81.73	47.73	18.56
171.86	145.33	115.11	80.81	47.17	17.98	38	172.68	146.16	115.98	81.73	48.07	18.82
171.79	144.97	114.73	80.81	47.50	18.22	37	172.61	145.79	115.60	81.73	48.40	19.07
171.72	144.60	114.36	80.81	47.81	18.46	36	172.54	145.44	115.24	81.73	48.71	19.31
171.64	144.25	114.01	80.81	48.11	18.68	35	172.48	145.10	114.89	81.73	49.02	19.55
171.57	143.91	113.67	80.81	48.40	18.90	34	172.41	144.76	114.55	81.73	49.31	19.77
171.50	143.58	113.34	80.81	48.67	19.12	33	172.35	144.44	114.23	81.73	49.58	19.99
171.43	143.26	113.03	80.81	48.94	19.32	32	172.29	144.12	113.93	81.73	49.85	20.21
171.36	142.95	112.74	80.81	49.19	19.52	31	172.22	143.81	113.63	81.73	50.11	20.41
171.29	142.65	112.45	80.81	49.43	19.71	30	172.16	143.52	113.35	81.73	50.35	20.61
171.22	142.35	112.18	80.81	49.66	19.90	29	172.10	143.23	113.08	81.73	50.58	20.79
171.15	142.07	111.92	80.81	49.88	20.07	28	172.03	142.95	112.82	81.73	50.80	20.97
171.08	141.79	111.67	80.81	50.09	20.24	27	171.97	142.68	112.57	81.73	51.02	21.15
171.01	141.53	111.43	80.81	50.29	20.40	26	171.91	142.42	112.34	81.73	51.22	21.31
170.94	141.27	111.21	80.81	50.48	20.55	25	171.85	142.17	112.11	81.73	51.41	21.47
170.87	141.02	110.99	80.81	50.66	20.69	24	171.78	141.92	111.90	81.73	51.59	21.62
170.80	140.78	110.78	80.81	50.83	20.83	23	171.72	141.69	111.69	81.73	51.77	21.76
170.73	140.55	110.59	80.81	51.00	20.96	22	171.66	141.46	111.50	81.73	51.93	21.89
170.66	140.33	110.40	80.81	51.15	21.08	21	171.60	141.24	111.32	81.73	52.08	22.02
170.59	140.11	110.23	80.81	51.29	21.19	20	171.53	141.03	111.14	81.73	52.23	22.14
170.53	139.91	110.06	80.81	51.43	21.29	19	171.47	140.83	110.97	81.73	52.37	22.24
170.46	139.71	109.90	80.81	51.55	21.39	18	171.41	140.64	110.82	81.73	52.49	22.35
170.39	139.52	109.75	80.81	51.67	21.48	17	171.35	140.46	110.67	81.73	52.61	22.44
170.32	139.34	109.61	80.81	51.78	21.56	16	171.28	140.28	110.53	81.73	52.73	22.52
170.25	139.16	109.48	80.81	51.88	21.63	15	171.22	140.11	110.40	81.73	52.83	22.60
170.17	139.00	109.35	80.81	51.98	21.70	14	171.16	139.95	110.28	81.73	52.92	22.67
170.10	138.84	109.23	80.81	52.06	21.75	13	171.09	139.80	110.16	81.73	53.01	22.73
170.03	138.69	109.13	80.81	52.14	21.80	12	171.03	139.66	110.05	81.73	53.09	22.79
169.96	138.55	109.02	80.81	52.21	21.84	11	170.96	139.52	109.95	81.73	53.16	22.83
169.89	138.42	108.93	80.81	52.27	21.87	10	170.90	139.39	109.86	81.73	53.23	22.87
169.81	138.29	108.85	80.81	52.33	21.89	9	170.83	139.27	109.78	81.73	53.28	22.89
169.74	138.17	108.77	80.81	52.38	21.91	8	170.76	139.15	109.70	81.73	53.33	22.91
169.67	138.06	108.70	80.81	52.42	21.91	7	170.70	139.05	109.63	81.73	53.37	22.93
169.59	137.96	108.63	80.81	52.45	21.91	6	170.63	138.95	109.57	81.73	53.41	22.93
169.51	137.86	108.58	80.81	52.47	21.90	5	170.56	138.86	109.52	81.73	53.43	22.92
169.44	137.77	108.53	80.81	52.49	21.88	4	170.49	138.77	109.47	81.73	53.45	22.91
169.36	137.69	108.49	80.81	52.50	21.85	3	170.42	138.70	109.43	81.73	53.46	22.89
169.28	137.61	108.45	80.81	52.50	21.82	2	170.35	138.63	109.39	81.73	53.46	22.85
169.20	137.54	108.42	80.81	52.49	21.77	1	170.28	138.56	109.37	81.73	53.46	22.81
169.12	137.48	108.40	80.81	52.48	21.71	0	170.20	138.51	109.35	81.73	53.45	22.77

82° Sternzeit 5h28min						83° Sternzeit 5h32min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
175.39	159.81	134.71	82.65	33.84	10.58	64	175.96	160.40	135.42	83.57	34.57	11.19
175.29	159.18	133.62	82.65	34.73	11.00	63	175.88	159.79	134.34	83.57	35.47	11.62
175.20	158.57	132.58	82.65	35.59	11.42	62	175.80	159.19	133.30	83.57	36.34	12.05
175.11	157.97	131.57	82.65	36.41	11.83	61	175.72	158.60	132.31	83.57	37.18	12.48
175.02	157.38	130.60	82.65	37.21	12.24	60	175.64	158.02	131.35	83.57	37.98	12.90
174.94	156.80	129.68	82.65	37.98	12.64	59	175.57	157.45	130.44	83.57	38.76	13.31
174.85	156.23	128.78	82.65	38.72	13.04	58	175.50	156.89	129.56	83.57	39.52	13.72
174.77	155.67	127.93	82.65	39.44	13.43	57	175.43	156.34	128.71	83.57	40.24	14.12
174.69	155.12	127.11	82.65	40.13	13.82	56	175.36	155.80	127.90	83.57	40.94	14.52
174.62	154.58	126.32	82.65	40.79	14.20	55	175.29	155.27	127.12	83.57	41.61	14.91
174.54	154.05	125.57	82.65	41.44	14.58	54	175.22	154.75	126.37	83.57	42.26	15.30
174.47	153.53	124.84	82.65	42.05	14.95	53	175.16	154.24	125.65	83.57	42.88	15.68
174.39	153.02	124.14	82.65	42.65	15.31	52	175.09	153.75	124.96	83.57	43.48	16.05
174.32	152.53	123.47	82.65	43.22	15.67	51	175.03	153.26	124.30	83.57	44.06	16.41
174.25	152.04	122.83	82.65	43.77	16.02	50	174.97	152.78	123.66	83.57	44.62	16.77
174.18	151.56	122.21	82.65	44.30	16.36	49	174.91	152.31	123.05	83.57	45.15	17.12
174.12	151.10	121.62	82.65	44.81	16.70	48	174.85	151.85	122.46	83.57	45.67	17.47
174.05	150.64	121.05	82.65	45.30	17.03	47	174.79	151.40	121.90	83.57	46.17	17.81
173.98	150.19	120.51	82.65	45.78	17.35	46	174.74	150.96	121.36	83.57	46.65	18.14
173.92	149.76	119.98	82.65	46.23	17.66	45	174.68	150.54	120.84	83.57	47.10	18.46
173.86	149.33	119.48	82.65	46.67	17.97	44	174.62	150.12	120.34	83.57	47.55	18.77
173.79	148.92	119.00	82.65	47.09	18.27	43	174.57	149.71	119.86	83.57	47.97	19.08
173.73	148.51	118.54	82.65	47.50	18.57	42	174.51	149.31	119.40	83.57	48.38	19.38
173.67	148.11	118.09	82.65	47.89	18.85	41	174.46	148.92	118.96	83.57	48.77	19.68
173.61	147.73	117.66	82.65	48.26	19.13	40	174.41	148.54	118.53	83.57	49.15	19.96
173.55	147.35	117.25	82.65	48.62	19.40	39	174.35	148.17	118.13	83.57	49.51	20.24
173.49	146.98	116.86	82.65	48.97	19.67	38	174.30	147.81	117.74	83.57	49.86	20.51
173.43	146.63	116.48	82.65	49.30	19.92	37	174.25	147.46	117.36	83.57	50.20	20.77
173.37	146.28	116.12	82.65	49.62	20.17	36	174.20	147.12	117.00	83.57	50.52	21.03
173.31	145.94	115.77	82.65	49.92	20.41	35	174.15	146.78	116.66	83.57	50.83	21.27
173.26	145.61	115.44	82.65	50.21	20.64	34	174.10	146.46	116.33	83.57	51.12	21.51
173.20	145.29	115.12	82.65	50.50	20.87	33	174.05	146.15	116.01	83.57	51.40	21.74
173.14	144.98	114.82	82.65	50.76	21.09	32	174.00	145.84	115.71	83.57	51.68	21.96
173.09	144.68	114.52	82.65	51.02	21.30	31	173.95	145.55	115.42	83.57	51.93	22.18
173.03	144.39	114.24	82.65	51.27	21.50	30	173.90	145.26	115.14	83.57	52.18	22.39
172.97	144.11	113.98	82.65	51.50	21.69	29	173.85	144.99	114.88	83.57	52.42	22.59
172.92	143.83	113.72	82.65	51.73	21.88	28	173.80	144.72	114.62	83.57	52.65	22.78
172.86	143.57	113.48	82.65	51.94	22.05	27	173.75	144.46	114.38	83.57	52.86	22.96
172.81	143.31	113.24	82.65	52.14	22.23	26	173.70	144.21	114.15	83.57	53.07	23.14
172.75	143.07	113.02	82.65	52.34	22.39	25	173.66	143.97	113.93	83.57	53.26	23.31
172.69	142.83	112.81	82.65	52.52	22.54	24	173.61	143.73	113.72	83.57	53.45	23.47
172.64	142.60	112.60	82.65	52.70	22.69	23	173.56	143.51	113.52	83.57	53.62	23.62
172.58	142.38	112.41	82.65	52.86	22.83	22	173.51	143.29	113.32	83.57	53.79	23.76
172.53	142.16	112.23	82.65	53.02	22.96	21	173.46	143.08	113.14	83.57	53.95	23.90
172.47	141.96	112.06	82.65	53.16	23.08	20	173.41	142.89	112.97	83.57	54.10	24.02
172.42	141.76	111.89	82.65	53.30	23.19	19	173.36	142.69	112.81	83.57	54.24	24.14
172.36	141.58	111.74	82.65	53.43	23.30	18	173.32	142.51	112.66	83.57	54.37	24.26
172.31	141.40	111.59	82.65	53.55	23.40	17	173.27	142.34	112.51	83.57	54.49	24.36
172.25	141.23	111.45	82.65	53.67	23.49	16	173.22	142.17	112.37	83.57	54.61	24.45
172.19	141.06	111.32	82.65	53.77	23.57	15	173.17	142.01	112.25	83.57	54.71	24.54
172.14	140.91	111.20	82.65	53.87	23.65	14	173.12	141.86	112.13	83.57	54.81	24.62
172.08	140.76	111.09	82.65	53.96	23.71	13	173.07	141.72	112.01	83.57	54.90	24.69
172.02	140.62	110.98	82.65	54.04	23.77	12	173.02	141.59	111.91	83.57	54.98	24.76
171.96	140.49	110.88	82.65	54.11	23.82	11	172.97	141.46	111.81	83.57	55.06	24.81
171.91	140.36	110.79	82.65	54.18	23.86	10	172.92	141.34	111.73	83.57	55.13	24.86
171.85	140.25	110.71	82.65	54.23	23.90	9	172.87	141.23	111.65	83.57	55.18	24.90
171.79	140.14	110.64	82.65	54.28	23.92	8	172.81	141.13	111.57	83.57	55.24	24.93
171.73	140.04	110.57	82.65	54.33	23.94	7	172.76	141.03	111.51	83.57	55.28	24.95
171.67	139.94	110.51	82.65	54.36	23.95	6	172.71	140.94	111.45	83.57	55.32	24.96
171.61	139.86	110.46	82.65	54.39	23.95	5	172.65	140.86	111.40	83.57	55.34	24.97
171.55	139.78	110.41	82.65	54.41	23.94	4	172.60	140.79	111.35	83.57	55.37	24.96
171.48	139.71	110.37	82.65	54.42	23.92	3	172.55	140.72	111.31	83.57	55.38	24.95
171.42	139.64	110.34	82.65	54.43	23.89	2	172.49	140.66	111.28	83.57	55.39	24.93
171.36	139.59	110.31	82.65	54.42	23.86	1	172.43	140.61	111.26	83.57	55.39	24.90
171.29	139.54	110.30	82.65	54.41	23.82	0	172.38	140.57	111.24	83.57	55.38	24.87

84° Sternzeit 5h36min						85° Sternzeit 5h40min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
176.54	160.99	136.12	84.49	35.29	11.80	64	177.12	161.59	136.83	85.41	36.02	12.40
176.47	160.39	135.06	84.49	36.21	12.24	63	177.06	161.00	135.78	85.41	36.94	12.86
176.40	159.81	134.04	84.49	37.09	12.69	62	177.00	160.43	134.77	85.41	37.83	13.32
176.33	159.23	133.05	84.49	37.94	13.12	61	176.94	159.86	133.79	85.41	38.70	13.77
176.27	158.66	132.11	84.49	38.76	13.55	60	176.89	159.30	132.86	85.41	39.52	14.21
176.20	158.10	131.20	84.49	39.54	13.98	59	176.84	158.76	131.96	85.41	40.32	14.64
176.14	157.55	130.33	84.49	40.31	14.40	58	176.78	158.22	131.10	85.41	41.09	15.08
176.08	157.01	129.49	84.49	41.04	14.81	57	176.73	157.69	130.27	85.41	41.84	15.50
176.02	156.48	128.69	84.49	41.74	15.22	56	176.68	157.17	129.48	85.41	42.55	15.92
175.96	155.97	127.91	84.49	42.42	15.62	55	176.63	156.66	128.71	85.41	43.24	16.33
175.91	155.46	127.17	84.49	43.08	16.01	54	176.59	156.16	127.98	85.41	43.90	16.73
175.85	154.96	126.46	84.49	43.71	16.40	53	176.54	155.67	127.27	85.41	44.54	17.13
175.80	154.47	125.78	84.49	44.32	16.78	52	176.50	155.19	126.60	85.41	45.15	17.52
175.74	153.99	125.12	84.49	44.90	17.16	51	176.45	154.72	125.94	85.41	45.74	17.90
175.69	153.52	124.49	84.49	45.46	17.53	50	176.41	154.26	125.32	85.41	46.31	18.28
175.64	153.06	123.88	84.49	46.01	17.89	49	176.36	153.81	124.72	85.41	46.86	18.65
175.59	152.61	123.30	84.49	46.53	18.24	48	176.32	153.36	124.14	85.41	47.38	19.01
175.54	152.17	122.74	84.49	47.03	18.58	47	176.28	152.93	123.59	85.41	47.89	19.36
175.49	151.74	122.21	84.49	47.51	18.92	46	176.24	152.51	123.06	85.41	48.38	19.71
175.44	151.31	121.69	84.49	47.97	19.25	45	176.20	152.09	122.55	85.41	48.84	20.04
175.39	150.90	121.20	84.49	48.42	19.57	44	176.16	151.69	122.06	85.41	49.29	20.37
175.34	150.50	120.72	84.49	48.85	19.89	43	176.12	151.30	121.58	85.41	49.73	20.70
175.30	150.11	120.27	84.49	49.26	20.20	42	176.08	150.91	121.13	85.41	50.14	21.01
175.25	149.73	119.83	84.49	49.66	20.50	41	176.04	150.53	120.70	85.41	50.54	21.32
175.21	149.35	119.41	84.49	50.04	20.79	40	176.00	150.17	120.28	85.41	50.93	21.62
175.16	148.99	119.00	84.49	50.41	21.07	39	175.97	149.81	119.88	85.41	51.30	21.91
175.12	148.64	118.62	84.49	50.76	21.35	38	175.93	149.46	119.50	85.41	51.65	22.19
175.07	148.29	118.24	84.49	51.09	21.62	37	175.89	149.13	119.13	85.41	51.99	22.47
175.03	147.96	117.89	84.49	51.42	21.88	36	175.86	148.80	118.77	85.41	52.32	22.73
174.98	147.63	117.55	84.49	51.73	22.13	35	175.82	148.48	118.43	85.41	52.63	22.99
174.94	147.31	117.22	84.49	52.03	22.38	34	175.78	148.17	118.11	85.41	52.93	23.24
174.90	147.01	116.90	84.49	52.31	22.61	33	175.75	147.86	117.80	85.41	53.22	23.49
174.86	146.71	116.60	84.49	52.58	22.84	32	175.71	147.57	117.50	85.41	53.49	23.72
174.81	146.42	116.32	84.49	52.85	23.06	31	175.68	147.29	117.21	85.41	53.76	23.95
174.77	146.14	116.04	84.49	53.10	23.28	30	175.64	147.01	116.94	85.41	54.01	24.17
174.73	145.87	115.78	84.49	53.34	23.48	29	175.61	146.75	116.68	85.41	54.25	24.38
174.69	145.60	115.52	84.49	53.56	23.68	28	175.57	146.49	116.43	85.41	54.48	24.58
174.65	145.35	115.28	84.49	53.78	23.87	27	175.54	146.24	116.19	85.41	54.70	24.77
174.60	145.10	115.05	84.49	53.99	24.05	26	175.50	146.00	115.96	85.41	54.91	24.96
174.56	144.87	114.83	84.49	54.19	24.22	25	175.47	145.77	115.74	85.41	55.11	25.14
174.52	144.64	114.63	84.49	54.37	24.39	24	175.43	145.55	115.54	85.41	55.30	25.31
174.48	144.42	114.43	84.49	54.55	24.54	23	175.40	145.33	115.34	85.41	55.48	25.47
174.44	144.21	114.24	84.49	54.72	24.69	22	175.36	145.13	115.15	85.41	55.65	25.62
174.40	144.01	114.06	84.49	54.88	24.83	21	175.33	144.93	114.97	85.41	55.81	25.77
174.35	143.81	113.89	84.49	55.03	24.97	20	175.29	144.74	114.81	85.41	55.96	25.91
174.31	143.63	113.73	84.49	55.17	25.09	19	175.26	144.56	114.65	85.41	56.10	26.04
174.27	143.45	113.58	84.49	55.30	25.21	18	175.22	144.39	114.50	85.41	56.24	26.16
174.23	143.28	113.43	84.49	55.43	25.32	17	175.19	144.22	114.35	85.41	56.36	26.27
174.19	143.12	113.30	84.49	55.54	25.42	16	175.15	144.07	114.22	85.41	56.48	26.38
174.14	142.96	113.17	84.49	55.65	25.51	15	175.12	143.92	114.10	85.41	56.59	26.48
174.10	142.82	113.05	84.49	55.75	25.59	14	175.08	143.78	113.98	85.41	56.69	26.57
174.06	142.68	112.94	84.49	55.84	25.67	13	175.05	143.65	113.87	85.41	56.79	26.65
174.01	142.55	112.84	84.49	55.93	25.74	12	175.01	143.52	113.77	85.41	56.87	26.72
173.97	142.43	112.75	84.49	56.00	25.80	11	174.98	143.40	113.68	85.41	56.95	26.79
173.93	142.32	112.66	84.49	56.07	25.85	10	174.94	143.30	113.59	85.41	57.02	26.84
173.88	142.21	112.58	84.49	56.13	25.89	9	174.90	143.20	113.51	85.41	57.08	26.89
173.84	142.11	112.51	84.49	56.19	25.93	8	174.86	143.10	113.44	85.41	57.13	26.93
173.79	142.02	112.44	84.49	56.23	25.96	7	174.83	143.02	113.38	85.41	57.18	26.97
173.75	141.94	112.39	84.49	56.27	25.98	6	174.79	142.94	113.33	85.41	57.22	26.99
173.70	141.86	112.34	84.49	56.30	25.99	5	174.75	142.87	113.28	85.41	57.25	27.01
173.66	141.80	112.29	84.49	56.32	25.99	4	174.71	142.81	113.24	85.41	57.28	27.01
173.61	141.73	112.26	84.49	56.34	25.98	3	174.67	142.75	113.20	85.41	57.29	27.01
173.56	141.68	112.23	84.49	56.35	25.97	2	174.63	142.70	113.18	85.41	57.30	27.00
173.51	141.64	112.21	84.49	56.35	25.95	1	174.59	142.66	113.16	85.41	57.31	26.99
173.46	141.60	112.19	84.49	56.34	25.91	0	174.55	142.63	113.14	85.41	57.30	26.96

86°		Sternzeit				5h44min		87°		Sternzeit				5h48min	
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII			
177.69	162.18	137.54	86.33	36.74	13.01	64	178.27	162.78	138.25	87.25	37.46	13.61			
177.65	161.61	136.50	86.33	37.68	13.48	63	178.23	162.22	137.22	87.25	38.41	14.10			
177.60	161.05	135.50	86.33	38.58	13.95	62	178.20	161.67	136.23	87.25	39.33	14.58			
177.55	160.49	134.54	86.33	39.45	14.41	61	178.17	161.13	135.29	87.25	40.21	15.05			
177.51	159.95	133.62	86.33	40.29	14.86	60	178.13	160.59	134.37	87.25	41.06	15.51			
177.47	159.41	132.73	86.33	41.10	15.31	59	178.10	160.07	133.49	87.25	41.88	15.97			
177.43	158.88	131.88	86.33	41.88	15.75	58	178.07	159.55	132.65	87.25	42.67	16.43			
177.39	158.36	131.06	86.33	42.63	16.19	57	178.04	159.04	131.84	87.25	43.42	16.87			
177.35	157.86	130.27	86.33	43.35	16.61	56	178.01	158.54	131.06	87.25	44.16	17.31			
177.31	157.36	129.51	86.33	44.05	17.03	55	177.98	158.05	130.31	87.25	44.86	17.74			
177.27	156.87	128.78	86.33	44.72	17.45	54	177.95	157.57	129.59	87.25	45.53	18.16			
177.23	156.39	128.09	86.33	45.36	17.85	53	177.92	157.10	128.90	87.25	46.19	18.58			
177.20	155.91	127.41	86.33	45.98	18.25	52	177.90	156.64	128.24	87.25	46.81	18.99			
177.16	155.45	126.77	86.33	46.58	18.65	51	177.87	156.19	127.60	87.25	47.41	19.39			
177.13	155.00	126.15	86.33	47.15	19.03	50	177.84	155.74	126.98	87.25	47.99	19.78			
177.09	154.56	125.56	86.33	47.70	19.41	49	177.82	155.31	126.39	87.25	48.55	20.16			
177.06	154.12	124.98	86.33	48.24	19.78	48	177.79	154.88	125.83	87.25	49.09	20.54			
177.02	153.70	124.44	86.33	48.75	20.14	47	177.77	154.46	125.28	87.25	49.60	20.91			
176.99	153.28	123.91	86.33	49.24	20.49	46	177.74	154.06	124.76	87.25	50.10	21.27			
176.96	152.88	123.40	86.33	49.71	20.84	45	177.72	153.66	124.26	87.25	50.58	21.63			
176.93	152.48	122.91	86.33	50.16	21.17	44	177.70	153.27	123.78	87.25	51.03	21.97			
176.90	152.09	122.45	86.33	50.60	21.50	43	177.67	152.89	123.31	87.25	51.47	22.31			
176.86	151.71	122.00	86.33	51.02	21.82	42	177.65	152.52	122.87	87.25	51.90	22.64			
176.83	151.34	121.57	86.33	51.42	22.14	41	177.63	152.16	122.44	87.25	52.30	22.96			
176.80	150.98	121.15	86.33	51.81	22.44	40	177.60	151.80	122.03	87.25	52.70	23.27			
176.77	150.63	120.76	86.33	52.18	22.74	39	177.58	151.46	121.64	87.25	53.07	23.57			
176.74	150.29	120.38	86.33	52.54	23.03	38	177.56	151.12	121.26	87.25	53.43	23.87			
176.71	149.96	120.01	86.33	52.88	23.31	37	177.54	150.80	120.89	87.25	53.78	24.16			
176.68	149.64	119.66	86.33	53.21	23.58	36	177.51	150.48	120.55	87.25	54.11	24.44			
176.66	149.32	119.32	86.33	53.53	23.85	35	177.49	150.17	120.21	87.25	54.43	24.71			
176.63	149.02	119.00	86.33	53.83	24.11	34	177.47	149.88	119.89	87.25	54.73	24.97			
176.60	148.72	118.69	86.33	54.12	24.36	33	177.45	149.59	119.58	87.25	55.02	25.22			
176.57	148.44	118.39	86.33	54.40	24.60	32	177.43	149.30	119.29	87.25	55.30	25.47			
176.54	148.16	118.11	86.33	54.67	24.83	31	177.41	149.03	119.01	87.25	55.57	25.71			
176.51	147.89	117.84	86.33	54.92	25.05	30	177.39	148.77	118.74	87.25	55.83	25.94			
176.49	147.63	117.58	86.33	55.16	25.27	29	177.36	148.51	118.48	87.25	56.07	26.16			
176.46	147.38	117.33	86.33	55.39	25.48	28	177.34	148.27	118.24	87.25	56.31	26.37			
176.43	147.13	117.09	86.33	55.62	25.68	27	177.32	148.03	118.00	87.25	56.53	26.58			
176.40	146.90	116.87	86.33	55.83	25.87	26	177.30	147.80	117.78	87.25	56.74	26.78			
176.37	146.67	116.65	86.33	56.03	26.05	25	177.28	147.58	117.56	87.25	56.95	26.97			
176.35	146.46	116.45	86.33	56.22	26.23	24	177.26	147.37	117.36	87.25	57.14	27.15			
176.32	146.25	116.25	86.33	56.40	26.40	23	177.24	147.16	117.17	87.25	57.32	27.32			
176.29	146.05	116.07	86.33	56.57	26.55	22	177.22	146.97	116.98	87.25	57.50	27.48			
176.26	145.85	115.89	86.33	56.74	26.71	21	177.20	146.78	116.81	87.25	57.66	27.64			
176.23	145.67	115.72	86.33	56.89	26.85	20	177.18	146.60	116.64	87.25	57.82	27.79			
176.21	145.49	115.57	86.33	57.03	26.98	19	177.16	146.43	116.49	87.25	57.96	27.93			
176.18	145.33	115.42	86.33	57.17	27.11	18	177.13	146.27	116.34	87.25	58.10	28.06			
176.15	145.17	115.28	86.33	57.30	27.23	17	177.11	146.11	116.20	87.25	58.23	28.18			
176.12	145.02	115.15	86.33	57.42	27.34	16	177.09	145.97	116.07	87.25	58.35	28.30			
176.09	144.87	115.02	86.33	57.53	27.44	15	177.07	145.83	115.95	87.25	58.46	28.41			
176.07	144.74	114.91	86.33	57.63	27.54	14	177.05	145.70	115.84	87.25	58.57	28.51			
176.04	144.61	114.80	86.33	57.73	27.62	13	177.03	145.58	115.73	87.25	58.66	28.60			
176.01	144.49	114.70	86.33	57.81	27.70	12	177.01	145.46	115.63	87.25	58.75	28.68			
175.98	144.38	114.61	86.33	57.89	27.77	11	176.98	145.36	115.54	87.25	58.83	28.76			
175.95	144.28	114.53	86.33	57.96	27.83	10	176.96	145.26	115.46	87.25	58.91	28.83			
175.92	144.18	114.45	86.33	58.03	27.89	9	176.94	145.17	115.39	87.25	58.97	28.88			
175.89	144.09	114.38	86.33	58.08	27.93	8	176.92	145.08	115.32	87.25	59.03	28.94			
175.86	144.01	114.32	86.33	58.13	27.97	7	176.90	145.01	115.26	87.25	59.08	28.98			
175.83	143.94	114.27	86.33	58.17	28.00	6	176.87	144.94	115.21	87.25	59.12	29.01			
175.80	143.88	114.22	86.33	58.21	28.02	5	176.85	144.88	115.16	87.25	59.16	29.04			
175.77	143.82	114.18	86.33	58.23	28.04	4	176.83	144.83	115.13	87.25	59.18	29.06			
175.74	143.77	114.15	86.33	58.25	28.04	3	176.80	144.79	115.10	87.25	59.20	29.07			
175.71	143.73	114.12	86.33	58.26	28.04	2	176.78	144.75	115.07	87.25	59.22	29.07			
175.67	143.69	114.11	86.33	58.27	28.03	1	176.76	144.72	115.06	87.25	59.22	29.07			
175.64	143.66	114.10	86.33	58.26	28.01	0	176.73	144.70	115.05	87.25	59.22	29.05			

88° Sternzeit 5h52min						89° Sternzeit 5h56min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
178.85	163.38	138.96	88.17	38.18	14.22	64	179.42	163.98	139.67	89.08	38.90	14.82
178.82	162.83	137.95	88.17	39.14	14.72	63	179.41	163.44	138.67	89.08	39.87	15.33
178.80	162.29	136.97	88.17	40.07	15.21	62	179.40	162.91	137.71	89.08	40.81	15.83
178.78	161.76	136.03	88.17	40.96	15.69	61	179.39	162.40	136.78	89.08	41.72	16.33
178.76	161.24	135.13	88.17	41.82	16.17	60	179.38	161.88	135.89	89.08	42.59	16.82
178.73	160.72	134.26	88.17	42.65	16.64	59	179.37	161.38	135.03	89.08	43.43	17.30
178.71	160.22	133.43	88.17	43.45	17.10	58	179.36	160.89	134.21	89.08	44.23	17.77
178.69	159.72	132.63	88.17	44.22	17.55	57	179.35	160.40	133.41	89.08	45.01	18.24
178.67	159.23	131.85	88.17	44.96	18.00	56	179.34	159.92	132.65	89.08	45.76	18.70
178.65	158.75	131.11	88.17	45.67	18.44	55	179.33	159.45	131.92	89.08	46.47	19.15
178.63	158.28	130.40	88.17	46.35	18.88	54	179.32	158.99	131.21	89.08	47.16	19.59
178.62	157.82	129.72	88.17	47.01	19.30	53	179.31	158.54	130.53	89.08	47.83	20.02
178.60	157.36	129.06	88.17	47.64	19.72	52	179.30	158.09	129.88	89.08	48.47	20.45
178.58	156.92	128.43	88.17	48.25	20.13	51	179.29	157.66	129.25	89.08	49.08	20.87
178.56	156.48	127.82	88.17	48.83	20.53	50	179.28	157.23	128.65	89.08	49.67	21.28
178.55	156.06	127.23	88.17	49.40	20.92	49	179.27	156.81	128.07	89.08	50.24	21.68
178.53	155.64	126.67	88.17	49.94	21.31	48	179.26	156.40	127.52	89.08	50.79	22.07
178.51	155.23	126.13	88.17	50.46	21.68	47	179.26	156.00	126.98	89.08	51.31	22.46
178.50	154.83	125.61	88.17	50.96	22.05	46	179.25	155.61	126.47	89.08	51.82	22.83
178.48	154.44	125.12	88.17	51.44	22.41	45	179.24	155.23	125.98	89.08	52.30	23.20
178.46	154.06	124.64	88.17	51.90	22.77	44	179.23	154.85	125.50	89.08	52.77	23.56
178.45	153.69	124.18	88.17	52.35	23.11	43	179.22	154.48	125.04	89.08	53.22	23.91
178.43	153.32	123.74	88.17	52.77	23.45	42	179.22	154.13	124.61	89.08	53.65	24.26
178.42	152.97	123.31	88.17	53.18	23.77	41	179.21	153.78	124.19	89.08	54.06	24.59
178.40	152.62	122.91	88.17	53.58	24.09	40	179.20	153.44	123.78	89.08	54.46	24.92
178.39	152.28	122.51	88.17	53.96	24.40	39	179.19	153.11	123.39	89.08	54.84	25.23
178.37	151.96	122.14	88.17	54.32	24.71	38	179.19	152.79	123.02	89.08	55.21	25.54
178.36	151.64	121.78	88.17	54.67	25.00	37	179.18	152.48	122.67	89.08	55.56	25.84
178.34	151.33	121.43	88.17	55.00	25.29	36	179.17	152.17	122.32	89.08	55.90	26.13
178.33	151.02	121.10	88.17	55.32	25.56	35	179.16	151.88	121.99	89.08	56.22	26.42
178.31	150.73	120.78	88.17	55.63	25.83	34	179.16	151.59	121.68	89.08	56.53	26.69
178.30	150.45	120.48	88.17	55.93	26.09	33	179.15	151.31	121.38	89.08	56.83	26.96
178.28	150.17	120.19	88.17	56.21	26.34	32	179.14	151.04	121.09	89.08	57.11	27.22
178.27	149.91	119.91	88.17	56.48	26.59	31	179.14	150.78	120.81	89.08	57.38	27.47
178.26	149.65	119.64	88.17	56.74	26.82	30	179.13	150.53	120.55	89.08	57.64	27.71
178.24	149.40	119.39	88.17	56.98	27.05	29	179.12	150.28	120.29	89.08	57.89	27.94
178.23	149.16	119.14	88.17	57.22	27.27	28	179.11	150.05	120.05	89.08	58.13	28.17
178.21	148.92	118.91	88.17	57.45	27.48	27	179.11	149.82	119.82	89.08	58.36	28.38
178.20	148.70	118.69	88.17	57.66	27.68	26	179.10	149.60	119.60	89.08	58.58	28.59
178.19	148.48	118.48	88.17	57.87	27.88	25	179.09	149.39	119.39	89.08	58.78	28.79
178.17	148.28	118.27	88.17	58.06	28.06	24	179.09	149.19	119.19	89.08	58.98	28.98
178.16	148.08	118.08	88.17	58.24	28.24	23	179.08	149.00	119.00	89.08	59.16	29.16
178.15	147.89	117.90	88.17	58.42	28.41	22	179.07	148.81	118.82	89.08	59.34	29.34
178.13	147.71	117.73	88.17	58.59	28.57	21	179.07	148.64	118.65	89.08	59.51	29.50
178.12	147.53	117.56	88.17	58.74	28.73	20	179.06	148.47	118.49	89.08	59.67	29.66
178.10	147.37	117.41	88.17	58.89	28.87	19	179.05	148.31	118.33	89.08	59.82	29.81
178.09	147.21	117.26	88.17	59.03	29.01	18	179.04	148.15	118.19	89.08	59.96	29.96
178.08	147.06	117.13	88.17	59.16	29.14	17	179.04	148.01	118.05	89.08	60.09	30.09
178.06	146.92	117.00	88.17	59.28	29.26	16	179.03	147.87	117.93	89.08	60.21	30.22
178.05	146.79	116.88	88.17	59.40	29.37	15	179.02	147.75	117.81	89.08	60.33	30.33
178.03	146.66	116.77	88.17	59.50	29.48	14	179.02	147.63	117.70	89.08	60.44	30.44
178.02	146.54	116.66	88.17	59.60	29.57	13	179.01	147.51	117.59	89.08	60.54	30.55
178.00	146.44	116.57	88.17	59.69	29.66	12	179.00	147.41	117.50	89.08	60.63	30.64
177.99	146.33	116.48	88.17	59.77	29.74	11	178.99	147.31	117.41	89.08	60.71	30.72
177.97	146.24	116.40	88.17	59.85	29.81	10	178.99	147.23	117.33	89.08	60.79	30.80
177.96	146.16	116.32	88.17	59.91	29.88	9	178.98	147.15	117.26	89.08	60.86	30.87
177.95	146.08	116.26	88.17	59.97	29.94	8	178.97	147.07	117.20	89.08	60.92	30.93
177.93	146.01	116.20	88.17	60.02	29.98	7	178.97	147.01	117.14	89.08	60.97	30.99
177.92	145.95	116.15	88.17	60.07	30.02	6	178.96	146.95	117.09	89.08	61.02	31.03
177.90	145.89	116.11	88.17	60.11	30.06	5	178.95	146.90	117.05	89.08	61.05	31.07
177.88	145.85	116.07	88.17	60.13	30.08	4	178.94	146.86	117.02	89.08	61.08	31.10
177.87	145.81	116.04	88.17	60.16	30.10	3	178.93	146.83	116.99	89.08	61.11	31.12
177.85	145.78	116.02	88.17	60.17	30.11	2	178.93	146.80	116.97	89.08	61.12	31.14
177.84	145.75	116.01	88.17	60.18	30.11	1	178.92	146.79	116.96	89.08	61.13	31.14
177.82	145.74	116.00	88.17	60.18	30.10	0	178.91	146.78	116.95	89.08	61.14	31.14

90° Sternzeit 6h 0min						91° Sternzeit 6h 4min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
180.00	164.58	140.39	90.00	39.61	15.42	64	180.58	165.18	141.10	90.92	40.33	16.02
180.00	164.05	139.40	90.00	40.60	15.95	63	180.59	164.67	140.13	90.92	41.33	16.56
180.00	163.54	138.45	90.00	41.55	16.46	62	180.60	164.17	139.19	90.92	42.29	17.09
180.00	163.03	137.53	90.00	42.47	16.97	61	180.61	163.67	138.28	90.92	43.22	17.60
180.00	162.53	136.65	90.00	43.35	17.47	60	180.62	163.18	137.41	90.92	44.11	18.12
180.00	162.04	135.80	90.00	44.20	17.96	59	180.63	162.70	136.57	90.92	44.97	18.62
180.00	161.56	134.99	90.00	45.01	18.44	58	180.64	162.23	135.77	90.92	45.79	19.11
180.00	161.08	134.20	90.00	45.80	18.92	57	180.65	161.76	134.99	90.92	46.59	19.60
180.00	160.61	133.45	90.00	46.55	19.39	56	180.66	161.30	134.24	90.92	47.35	20.08
180.00	160.15	132.72	90.00	47.28	19.85	55	180.67	160.85	133.53	90.92	48.08	20.55
180.00	159.70	132.02	90.00	47.98	20.30	54	180.68	160.41	132.84	90.92	48.79	21.01
180.00	159.26	131.35	90.00	48.65	20.74	53	180.69	159.98	132.17	90.92	49.47	21.46
180.00	158.82	130.71	90.00	49.29	21.18	52	180.70	159.55	131.53	90.92	50.12	21.91
180.00	158.39	130.09	90.00	49.91	21.61	51	180.71	159.13	130.92	90.92	50.75	22.34
180.00	157.98	129.49	90.00	50.51	22.02	50	180.72	158.72	130.33	90.92	51.35	22.77
180.00	157.57	128.92	90.00	51.08	22.43	49	180.73	158.32	129.76	90.92	51.93	23.19
180.00	157.16	128.36	90.00	51.64	22.84	48	180.74	157.93	129.21	90.92	52.48	23.60
180.00	156.77	127.83	90.00	52.17	23.23	47	180.74	157.54	128.69	90.92	53.02	24.00
180.00	156.39	127.32	90.00	52.68	23.61	46	180.75	157.17	128.18	90.92	53.53	24.39
180.00	156.01	126.84	90.00	53.16	23.99	45	180.76	156.80	127.70	90.92	54.02	24.77
180.00	155.64	126.37	90.00	53.63	24.36	44	180.77	156.44	127.23	90.92	54.50	25.15
180.00	155.29	125.91	90.00	54.09	24.71	43	180.78	156.09	126.78	90.92	54.96	25.52
180.00	154.94	125.48	90.00	54.52	25.06	42	180.78	155.74	126.35	90.92	55.39	25.87
180.00	154.59	125.06	90.00	54.94	25.41	41	180.79	155.41	125.94	90.92	55.81	26.22
180.00	154.26	124.66	90.00	55.34	25.74	40	180.80	155.08	125.54	90.92	56.22	26.56
180.00	153.94	124.28	90.00	55.72	26.06	39	180.81	154.77	125.16	90.92	56.61	26.89
180.00	153.62	123.91	90.00	56.09	26.38	38	180.81	154.46	124.79	90.92	56.98	27.21
180.00	153.32	123.55	90.00	56.45	26.68	37	180.82	154.16	124.44	90.92	57.33	27.52
180.00	153.02	123.21	90.00	56.79	26.98	36	180.83	153.87	124.10	90.92	57.68	27.83
180.00	152.73	122.89	90.00	57.11	27.27	35	180.84	153.58	123.78	90.92	58.01	28.12
180.00	152.45	122.57	90.00	57.43	27.55	34	180.84	153.31	123.47	90.92	58.32	28.41
180.00	152.17	122.27	90.00	57.73	27.83	33	180.85	153.04	123.17	90.92	58.62	28.69
180.00	151.91	121.99	90.00	58.01	28.09	32	180.86	152.78	122.89	90.92	58.91	28.96
180.00	151.66	121.71	90.00	58.29	28.34	31	180.86	152.53	122.62	90.92	59.19	29.22
180.00	151.41	121.45	90.00	58.55	28.59	30	180.87	152.29	122.36	90.92	59.45	29.47
180.00	151.17	121.20	90.00	58.80	28.83	29	180.88	152.06	122.11	90.92	59.71	29.72
180.00	150.94	120.96	90.00	59.04	29.06	28	180.89	151.83	121.87	90.92	59.95	29.95
180.00	150.72	120.73	90.00	59.27	29.28	27	180.89	151.62	121.64	90.92	60.18	30.18
180.00	150.51	120.51	90.00	59.49	29.49	26	180.90	151.41	121.42	90.92	60.40	30.40
180.00	150.30	120.30	90.00	59.70	29.70	25	180.91	151.21	121.22	90.92	60.61	30.61
180.00	150.10	120.10	90.00	59.90	29.90	24	180.91	151.02	121.02	90.92	60.81	30.81
180.00	149.92	119.92	90.00	60.08	30.08	23	180.92	150.84	120.84	90.92	61.00	31.00
180.00	149.74	119.74	90.00	60.26	30.26	22	180.93	150.66	120.66	90.92	61.18	31.19
180.00	149.56	119.57	90.00	60.43	30.44	21	180.93	150.50	120.49	90.92	61.35	31.36
180.00	149.40	119.41	90.00	60.59	30.60	20	180.94	150.34	120.33	90.92	61.51	31.53
180.00	149.25	119.26	90.00	60.74	30.75	19	180.95	150.19	120.18	90.92	61.67	31.69
180.00	149.10	119.11	90.00	60.89	30.90	18	180.96	150.04	120.04	90.92	61.81	31.85
180.00	148.96	118.98	90.00	61.02	31.04	17	180.96	149.91	119.91	90.92	61.95	31.99
180.00	148.83	118.86	90.00	61.14	31.17	16	180.97	149.78	119.79	90.92	62.07	32.13
180.00	148.71	118.74	90.00	61.26	31.29	15	180.98	149.67	119.67	90.92	62.19	32.25
180.00	148.59	118.63	90.00	61.37	31.41	14	180.98	149.56	119.56	90.92	62.30	32.37
180.00	148.48	118.53	90.00	61.47	31.52	13	180.99	149.45	119.46	90.92	62.41	32.49
180.00	148.38	118.44	90.00	61.56	31.62	12	181.00	149.36	119.37	90.92	62.50	32.59
180.00	148.29	118.35	90.00	61.65	31.71	11	181.01	149.28	119.29	90.92	62.59	32.69
180.00	148.21	118.27	90.00	61.73	31.79	10	181.01	149.20	119.21	90.92	62.67	32.77
180.00	148.14	118.20	90.00	61.80	31.86	9	181.02	149.13	119.14	90.92	62.74	32.85
180.00	148.07	118.14	90.00	61.86	31.93	8	181.03	149.07	119.08	90.92	62.80	32.93
180.00	148.01	118.09	90.00	61.91	31.99	7	181.03	149.01	119.03	90.92	62.86	32.99
180.00	147.96	118.04	90.00	61.96	32.04	6	181.04	148.97	118.98	90.92	62.91	33.05
180.00	147.92	118.00	90.00	62.00	32.08	5	181.05	148.93	118.95	90.92	62.95	33.10
180.00	147.88	117.97	90.00	62.03	32.12	4	181.06	148.90	118.92	90.92	62.98	33.14
180.00	147.85	117.94	90.00	62.06	32.15	3	181.07	148.88	118.89	90.92	63.01	33.17
180.00	147.83	117.92	90.00	62.08	32.17	2	181.07	148.86	118.88	90.92	63.03	33.20
180.00	147.82	117.91	90.00	62.09	32.18	1	181.08	148.86	118.87	90.92	63.04	33.21
180.00	147.82	117.91	90.00	62.09	32.18	0	181.09	148.86	118.86	90.92	63.05	33.22

92°		Sternzeit				6h 8min	Br.	93°		Sternzeit				6h12min
Asz.	XII	XI	MC	IX	VIII	Asz.		XII	XI	MC	IX	VIII		
181.15	165.78	141.82	91.83	41.04	16.62	64	181.73	166.39	142.54	92.75	41.75	17.22		
181.18	165.28	140.86	91.83	42.05	17.17	63	181.77	165.90	141.59	92.75	42.78	17.78		
181.20	164.79	139.93	91.83	43.03	17.71	62	181.80	165.42	140.67	92.75	43.77	18.33		
181.22	164.31	139.04	91.83	43.97	18.24	61	181.83	164.95	139.79	92.75	44.71	18.87		
181.24	163.83	138.18	91.83	44.87	18.76	60	181.87	164.49	138.94	92.75	45.63	19.41		
181.27	163.36	137.35	91.83	45.74	19.28	59	181.90	164.03	138.12	92.75	46.51	19.93		
181.29	162.90	136.55	91.83	46.57	19.78	58	181.93	163.57	137.33	92.75	47.35	20.45		
181.31	162.45	135.78	91.83	47.37	20.28	57	181.96	163.13	136.58	92.75	48.16	20.96		
181.33	162.00	135.04	91.83	48.15	20.77	56	181.99	162.69	135.84	92.75	48.94	21.46		
181.35	161.56	134.33	91.83	48.89	21.25	55	182.02	162.26	135.14	92.75	49.69	21.95		
181.37	161.12	133.65	91.83	49.60	21.72	54	182.05	161.84	134.47	92.75	50.41	22.43		
181.38	160.70	132.99	91.83	50.28	22.18	53	182.08	161.42	133.81	92.75	51.10	22.90		
181.40	160.28	132.36	91.83	50.94	22.64	52	182.10	161.01	133.19	92.75	51.76	23.36		
181.42	159.87	131.75	91.83	51.57	23.08	51	182.13	160.61	132.59	92.75	52.40	23.81		
181.44	159.47	131.17	91.83	52.18	23.52	50	182.16	160.22	132.01	92.75	53.02	24.26		
181.45	159.08	130.60	91.83	52.77	23.94	49	182.18	159.84	131.45	92.75	53.61	24.69		
181.47	158.69	130.06	91.83	53.33	24.36	48	182.21	159.46	130.91	92.75	54.17	25.12		
181.49	158.32	129.54	91.83	53.87	24.77	47	182.23	159.09	130.40	92.75	54.72	25.54		
181.50	157.95	129.04	91.83	54.39	25.17	46	182.26	158.73	129.90	92.75	55.24	25.94		
181.52	157.59	128.56	91.83	54.88	25.56	45	182.28	158.37	129.42	92.75	55.74	26.34		
181.54	157.23	128.10	91.83	55.36	25.94	44	182.30	158.03	128.97	92.75	56.22	26.73		
181.55	156.89	127.65	91.83	55.82	26.31	43	182.33	157.69	128.53	92.75	56.69	27.11		
181.57	156.55	127.23	91.83	56.26	26.68	42	182.35	157.36	128.10	92.75	57.13	27.48		
181.58	156.23	126.82	91.83	56.69	27.03	41	182.37	157.04	127.70	92.75	57.56	27.84		
181.60	155.91	126.42	91.83	57.09	27.38	40	182.40	156.73	127.30	92.75	57.97	28.20		
181.61	155.60	126.04	91.83	57.49	27.72	39	182.42	156.43	126.93	92.75	58.36	28.54		
181.63	155.29	125.68	91.83	57.86	28.04	38	182.44	156.13	126.57	92.75	58.74	28.88		
181.64	155.00	125.33	91.83	58.22	28.36	37	182.46	155.84	126.22	92.75	59.11	29.20		
181.66	154.71	125.00	91.83	58.57	28.67	36	182.49	155.56	125.89	92.75	59.45	29.52		
181.67	154.44	124.68	91.83	58.90	28.98	35	182.51	155.29	125.57	92.75	59.79	29.83		
181.69	154.17	124.37	91.83	59.22	29.27	34	182.53	155.03	125.27	92.75	60.11	30.12		
181.70	153.91	124.07	91.83	59.52	29.55	33	182.55	154.78	124.98	92.75	60.42	30.41		
181.72	153.66	123.79	91.83	59.81	29.83	32	182.57	154.53	124.70	92.75	60.71	30.70		
181.73	153.41	123.52	91.83	60.09	30.09	31	182.59	154.29	124.43	92.75	60.99	30.97		
181.74	153.18	123.26	91.83	60.36	30.35	30	182.62	154.06	124.17	92.75	61.26	31.23		
181.76	152.95	123.02	91.83	60.61	30.60	29	182.64	153.84	123.93	92.75	61.52	31.49		
181.77	152.73	122.78	91.83	60.86	30.84	28	182.66	153.63	123.69	92.75	61.76	31.73		
181.79	152.52	122.55	91.83	61.09	31.08	27	182.68	153.42	123.47	92.75	62.00	31.97		
181.80	152.32	122.34	91.83	61.31	31.30	26	182.70	153.22	123.26	92.75	62.22	32.20		
181.81	152.12	122.13	91.83	61.52	31.52	25	182.72	153.03	123.05	92.75	62.44	32.42		
181.83	151.94	121.94	91.83	61.73	31.72	24	182.74	152.85	122.86	92.75	62.64	32.63		
181.84	151.76	121.76	91.83	61.92	31.92	23	182.76	152.68	122.68	92.75	62.83	32.84		
181.85	151.59	121.58	91.83	62.10	32.11	22	182.78	152.52	122.50	92.75	63.02	33.03		
181.87	151.43	121.41	91.83	62.27	32.29	21	182.80	152.36	122.34	92.75	63.19	33.22		
181.88	151.27	121.26	91.83	62.44	32.47	20	182.82	152.21	122.18	92.75	63.36	33.40		
181.90	151.13	121.11	91.83	62.59	32.63	19	182.84	152.07	122.04	92.75	63.51	33.57		
181.91	150.99	120.97	91.83	62.74	32.79	18	182.87	151.94	121.90	92.75	63.66	33.73		
181.92	150.86	120.84	91.83	62.87	32.94	17	182.89	151.82	121.77	92.75	63.80	33.89		
181.94	150.74	120.72	91.83	63.00	33.08	16	182.91	151.70	121.65	92.75	63.93	34.03		
181.95	150.63	120.60	91.83	63.12	33.21	15	182.93	151.59	121.54	92.75	64.05	34.17		
181.97	150.52	120.50	91.83	63.23	33.34	14	182.95	151.49	121.43	92.75	64.16	34.30		
181.98	150.43	120.40	91.83	63.34	33.46	13	182.97	151.40	121.34	92.75	64.27	34.42		
182.00	150.34	120.31	91.83	63.43	33.56	12	182.99	151.32	121.25	92.75	64.37	34.54		
182.01	150.26	120.23	91.83	63.52	33.67	11	183.02	151.24	121.17	92.75	64.46	34.64		
182.03	150.19	120.15	91.83	63.60	33.76	10	183.04	151.17	121.09	92.75	64.54	34.74		
182.04	150.12	120.09	91.83	63.68	33.84	9	183.06	151.12	121.03	92.75	64.61	34.83		
182.05	150.06	120.03	91.83	63.74	33.92	8	183.08	151.06	120.97	92.75	64.68	34.92		
182.07	150.02	119.98	91.83	63.80	33.99	7	183.10	151.02	120.92	92.75	64.74	34.99		
182.08	149.98	119.93	91.83	63.85	34.05	6	183.13	150.99	120.88	92.75	64.79	35.06		
182.10	149.94	119.89	91.83	63.89	34.11	5	183.15	150.96	120.84	92.75	64.84	35.12		
182.12	149.92	119.87	91.83	63.93	34.15	4	183.17	150.94	120.82	92.75	64.87	35.17		
182.13	149.90	119.84	91.83	63.96	34.19	3	183.20	150.93	120.80	92.75	64.90	35.21		
182.15	149.89	119.83	91.83	63.98	34.22	2	183.22	150.93	120.78	92.75	64.93	35.25		
182.16	149.89	119.82	91.83	63.99	34.25	1	183.24	150.93	120.78	92.75	64.94	35.28		
182.18	149.90	119.82	91.83	64.00	34.26	0	183.27	150.95	120.78	92.75	64.95	35.30		

94° Sternzeit 6h16min						95° Sternzeit 6h20min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
182.31	166.99	143.26	93.67	42.46	17.82	64	182.88	167.60	143.98	94.59	43.17	18.41
182.35	166.52	142.32	93.67	43.50	18.39	63	182.94	167.14	143.06	94.59	44.22	19.00
182.40	166.05	141.42	93.67	44.50	18.95	62	183.00	166.68	142.17	94.59	45.23	19.57
182.45	165.59	140.55	93.67	45.46	19.51	61	183.06	166.23	141.30	94.59	46.21	20.14
182.49	165.14	139.71	93.67	46.38	20.05	60	183.11	165.79	140.48	94.59	47.14	20.70
182.53	164.69	138.90	93.67	47.27	20.59	59	183.16	165.36	139.68	94.59	48.04	21.24
182.57	164.25	138.12	93.67	48.12	21.12	58	183.22	164.92	138.91	94.59	48.90	21.78
182.61	163.81	137.37	93.67	48.94	21.64	57	183.27	164.50	138.16	94.59	49.73	22.31
182.65	163.39	136.65	93.67	49.73	22.14	56	183.32	164.08	137.45	94.59	50.52	22.83
182.69	162.97	135.95	93.67	50.49	22.64	55	183.37	163.67	136.76	94.59	51.29	23.34
182.73	162.55	135.28	93.67	51.22	23.13	54	183.41	163.27	136.10	94.59	52.02	23.84
182.77	162.15	134.64	93.67	51.91	23.61	53	183.46	162.87	135.46	94.59	52.73	24.33
182.80	161.75	134.02	93.67	52.59	24.09	52	183.50	162.48	134.85	94.59	53.40	24.81
182.84	161.35	133.42	93.67	53.23	24.55	51	183.55	162.10	134.26	94.59	54.06	25.28
182.87	160.97	132.85	93.67	53.85	25.00	50	183.59	161.72	133.69	94.59	54.68	25.74
182.91	160.59	132.30	93.67	54.44	25.44	49	183.64	161.35	133.14	94.59	55.28	26.19
182.94	160.22	131.76	93.67	55.02	25.88	48	183.68	160.99	132.62	94.59	55.86	26.64
182.98	159.86	131.25	93.67	55.56	26.30	47	183.72	160.64	132.11	94.59	56.41	27.07
183.01	159.51	130.76	93.67	56.09	26.72	46	183.76	160.29	131.62	94.59	56.94	27.49
183.04	159.16	130.29	93.67	56.60	27.12	45	183.80	159.96	131.16	94.59	57.45	27.91
183.07	158.83	129.84	93.67	57.09	27.52	44	183.84	159.63	130.71	94.59	57.94	28.31
183.10	158.50	129.40	93.67	57.55	27.91	43	183.88	159.30	130.27	94.59	58.42	28.70
183.14	158.18	128.98	93.67	58.00	28.29	42	183.92	158.99	129.86	94.59	58.87	29.09
183.17	157.86	128.58	93.67	58.43	28.66	41	183.96	158.68	129.46	94.59	59.30	29.47
183.20	157.56	128.19	93.67	58.85	29.02	40	184.00	158.38	129.07	94.59	59.72	29.83
183.23	157.26	127.82	93.67	59.24	29.37	39	184.03	158.09	128.70	94.59	60.12	30.19
183.26	156.97	127.46	93.67	59.62	29.71	38	184.07	157.81	128.35	94.59	60.50	30.54
183.29	156.69	127.12	93.67	59.99	30.04	37	184.11	157.53	128.01	94.59	60.87	30.87
183.32	156.42	126.79	93.67	60.34	30.36	36	184.14	157.27	127.68	94.59	61.23	31.20
183.34	156.15	126.47	93.67	60.68	30.68	35	184.18	157.01	127.37	94.59	61.57	31.52
183.37	155.89	126.17	93.67	61.00	30.98	34	184.22	156.76	127.07	94.59	61.89	31.83
183.40	155.64	125.88	93.67	61.31	31.28	33	184.25	156.51	126.78	94.59	62.20	32.14
183.43	155.40	125.60	93.67	61.61	31.56	32	184.29	156.28	126.51	94.59	62.50	32.43
183.46	155.17	125.33	93.67	61.89	31.84	31	184.32	156.05	126.24	94.59	62.79	32.71
183.49	154.95	125.08	93.67	62.16	32.11	30	184.36	155.83	125.99	94.59	63.06	32.99
183.51	154.73	124.84	93.67	62.42	32.37	29	184.39	155.62	125.75	94.59	63.32	33.25
183.54	154.52	124.61	93.67	62.67	32.62	28	184.43	155.42	125.52	94.59	63.57	33.51
183.57	154.32	124.38	93.67	62.91	32.87	27	184.46	155.23	125.30	94.59	63.81	33.76
183.60	154.13	124.17	93.67	63.13	33.10	26	184.50	155.04	125.09	94.59	64.04	34.00
183.63	153.95	123.97	93.67	63.35	33.33	25	184.53	154.86	124.89	94.59	64.26	34.23
183.65	153.77	123.78	93.67	63.55	33.54	24	184.57	154.69	124.70	94.59	64.46	34.45
183.68	153.60	123.60	93.67	63.75	33.75	23	184.60	154.53	124.52	94.59	64.66	34.67
183.71	153.45	123.43	93.67	63.93	33.95	22	184.64	154.38	124.35	94.59	64.85	34.87
183.74	153.29	123.26	93.67	64.11	34.15	21	184.67	154.23	124.19	94.59	65.03	35.07
183.77	153.15	123.11	93.67	64.28	34.33	20	184.71	154.09	124.04	94.59	65.19	35.26
183.79	153.02	122.97	93.67	64.43	34.51	19	184.74	153.96	123.90	94.59	65.35	35.44
183.82	152.89	122.83	93.67	64.58	34.67	18	184.78	153.84	123.76	94.59	65.50	35.61
183.85	152.77	122.70	93.67	64.72	34.83	17	184.81	153.73	123.64	94.59	65.65	35.78
183.88	152.66	122.58	93.67	64.85	34.98	16	184.85	153.62	123.52	94.59	65.78	35.93
183.91	152.56	122.47	93.67	64.98	35.13	15	184.88	153.52	123.41	94.59	65.90	36.08
183.93	152.46	122.37	93.67	65.09	35.26	14	184.92	153.43	123.31	94.59	66.02	36.22
183.96	152.38	122.27	93.67	65.20	35.39	13	184.95	153.35	123.21	94.59	66.13	36.35
183.99	152.30	122.19	93.67	65.30	35.51	12	184.99	153.28	123.13	94.59	66.23	36.48
184.02	152.23	122.11	93.67	65.39	35.62	11	185.02	153.21	123.05	94.59	66.32	36.60
184.05	152.17	122.04	93.67	65.47	35.72	10	185.06	153.16	122.98	94.59	66.41	36.70
184.08	152.11	121.97	93.67	65.55	35.82	9	185.10	153.11	122.92	94.59	66.49	36.80
184.11	152.07	121.92	93.67	65.62	35.91	8	185.14	153.07	122.87	94.59	66.56	36.90
184.14	152.03	121.87	93.67	65.68	35.99	7	185.17	153.03	122.82	94.59	66.62	36.98
184.17	152.00	121.83	93.67	65.73	36.06	6	185.21	153.01	122.78	94.59	66.67	37.06
184.20	151.98	121.79	93.67	65.78	36.12	5	185.25	152.99	122.75	94.59	66.72	37.13
184.23	151.96	121.77	93.67	65.82	36.18	4	185.29	152.99	122.72	94.59	66.76	37.19
184.26	151.96	121.75	93.67	65.85	36.23	3	185.33	152.99	122.71	94.59	66.80	37.25
184.29	151.96	121.74	93.67	65.88	36.27	2	185.37	153.00	122.70	94.59	66.82	37.30
184.33	151.97	121.73	93.67	65.89	36.31	1	185.41	153.01	122.69	94.59	66.84	37.34
184.36	151.99	121.74	93.67	65.90	36.34	0	185.45	153.04	122.70	94.59	66.86	37.37

96°		Sternzeit				6h24min		97°		Sternzeit				6h28min					
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
183.46	168.20	144.71	95.51	43.88	19.01	64	184.04	168.81	145.43	96.43	44.58	19.60		184.04	168.81	145.43	96.43	44.58	19.60
183.53	167.76	143.79	95.51	44.94	19.61	63	184.12	168.38	144.53	96.43	45.66	20.21		184.12	168.38	144.53	96.43	45.66	20.21
183.60	167.31	142.91	95.51	45.96	20.19	62	184.20	167.95	143.66	96.43	46.70	20.81		184.20	167.95	143.66	96.43	46.70	20.81
183.67	166.88	142.06	95.51	46.95	20.77	61	184.28	167.52	142.82	96.43	47.69	21.40		184.28	167.52	142.82	96.43	47.69	21.40
183.73	166.45	141.24	95.51	47.89	21.34	60	184.36	167.10	142.02	96.43	48.65	21.98		184.36	167.10	142.02	96.43	48.65	21.98
183.80	166.02	140.46	95.51	48.80	21.90	59	184.43	166.69	141.24	96.43	49.56	22.55		184.43	166.69	141.24	96.43	49.56	22.55
183.86	165.60	139.69	95.51	49.67	22.45	58	184.50	166.28	140.48	96.43	50.44	23.11		184.50	166.28	140.48	96.43	50.44	23.11
183.92	165.19	138.96	95.51	50.51	22.99	57	184.57	165.88	139.76	96.43	51.29	23.66		184.57	165.88	139.76	96.43	51.29	23.66
183.98	164.78	138.26	95.51	51.31	23.52	56	184.64	165.48	139.06	96.43	52.10	24.20		184.64	165.48	139.06	96.43	52.10	24.20
184.04	164.38	137.58	95.51	52.09	24.03	55	184.71	165.09	138.39	96.43	52.88	24.73		184.71	165.09	138.39	96.43	52.88	24.73
184.09	163.99	136.92	95.51	52.83	24.54	54	184.78	164.70	137.74	96.43	53.63	25.25		184.78	164.70	137.74	96.43	53.63	25.25
184.15	163.60	136.29	95.51	53.54	25.04	53	184.84	164.32	137.12	96.43	54.35	25.76		184.84	164.32	137.12	96.43	54.35	25.76
184.20	163.22	135.68	95.51	54.22	25.53	52	184.91	163.95	136.52	96.43	55.04	26.25		184.91	163.95	136.52	96.43	55.04	26.25
184.26	162.84	135.10	95.51	54.88	26.01	51	184.97	163.59	135.94	96.43	55.70	26.74		184.97	163.59	135.94	96.43	55.70	26.74
184.31	162.47	134.54	95.51	55.51	26.48	50	185.03	163.23	135.38	96.43	56.34	27.22		185.03	163.23	135.38	96.43	56.34	27.22
184.36	162.11	133.99	95.51	56.12	26.94	49	185.09	162.88	134.85	96.43	56.95	27.69		185.09	162.88	134.85	96.43	56.95	27.69
184.41	161.76	133.47	95.51	56.70	27.39	48	185.15	162.53	134.33	96.43	57.54	28.15		185.15	162.53	134.33	96.43	57.54	28.15
184.46	161.42	132.97	95.51	57.26	27.83	47	185.21	162.19	133.83	96.43	58.10	28.60		185.21	162.19	133.83	96.43	58.10	28.60
184.51	161.08	132.49	95.51	57.79	28.26	46	185.26	161.86	133.35	96.43	58.64	29.04		185.26	161.86	133.35	96.43	58.64	29.04
184.56	160.75	132.03	95.51	58.31	28.69	45	185.32	161.54	132.90	96.43	59.16	29.46		185.32	161.54	132.90	96.43	59.16	29.46
184.61	160.43	131.58	95.51	58.80	29.10	44	185.38	161.23	132.45	96.43	59.66	29.88		185.38	161.23	132.45	96.43	59.66	29.88
184.66	160.11	131.15	95.51	59.28	29.50	43	185.43	160.92	132.03	96.43	60.14	30.29		185.43	160.92	132.03	96.43	60.14	30.29
184.70	159.80	130.74	95.51	59.73	29.89	42	185.49	160.62	131.62	96.43	60.60	30.69		185.49	160.62	131.62	96.43	60.60	30.69
184.75	159.50	130.34	95.51	60.17	30.27	41	185.54	160.32	131.23	96.43	61.04	31.08		185.54	160.32	131.23	96.43	61.04	31.08
184.79	159.21	129.96	95.51	60.59	30.65	40	185.59	160.04	130.85	96.43	61.47	31.46		185.59	160.04	130.85	96.43	61.47	31.46
184.84	158.93	129.59	95.51	61.00	31.01	39	185.65	159.76	130.49	96.43	61.87	31.83		185.65	159.76	130.49	96.43	61.87	31.83
184.88	158.65	129.24	95.51	61.38	31.36	38	185.70	159.49	130.14	96.43	62.26	32.19		185.70	159.49	130.14	96.43	62.26	32.19
184.93	158.38	128.91	95.51	61.76	31.71	37	185.75	159.23	129.80	96.43	62.64	32.54		185.75	159.23	129.80	96.43	62.64	32.54
184.97	158.12	128.58	95.51	62.11	32.04	36	185.80	158.97	129.48	96.43	63.00	32.88		185.80	158.97	129.48	96.43	63.00	32.88
185.02	157.87	128.27	95.51	62.45	32.37	35	185.85	158.73	129.17	96.43	63.34	33.22		185.85	158.73	129.17	96.43	63.34	33.22
185.06	157.62	127.97	95.51	62.78	32.69	34	185.90	158.49	128.88	96.43	63.67	33.54		185.90	158.49	128.88	96.43	63.67	33.54
185.10	157.39	127.69	95.51	63.10	32.99	33	185.95	158.26	128.60	96.43	63.99	33.85		185.95	158.26	128.60	96.43	63.99	33.85
185.14	157.16	127.42	95.51	63.40	33.29	32	186.00	158.04	128.32	96.43	64.29	34.16		186.00	158.04	128.32	96.43	64.29	34.16
185.19	156.94	127.15	95.51	63.68	33.58	31	186.05	157.82	128.07	96.43	64.58	34.45		186.05	157.82	128.07	96.43	64.58	34.45
185.23	156.72	126.90	95.51	63.96	33.86	30	186.10	157.61	127.82	96.43	64.86	34.74		186.10	157.61	127.82	96.43	64.86	34.74
185.27	156.52	126.66	95.51	64.22	34.13	29	186.15	157.41	127.58	96.43	65.12	35.01		186.15	157.41	127.58	96.43	65.12	35.01
185.31	156.32	126.44	95.51	64.48	34.40	28	186.20	157.22	127.35	96.43	65.38	35.28		186.20	157.22	127.35	96.43	65.38	35.28
185.35	156.13	126.22	95.51	64.72	34.65	27	186.25	157.04	127.14	96.43	65.62	35.54		186.25	157.04	127.14	96.43	65.62	35.54
185.40	155.95	126.01	95.51	64.95	34.90	26	186.30	156.86	126.93	96.43	65.85	35.79		186.30	156.86	126.93	96.43	65.85	35.79
185.44	155.78	125.81	95.51	65.17	35.13	25	186.34	156.69	126.74	96.43	66.07	36.03		186.34	156.69	126.74	96.43	66.07	36.03
185.48	155.61	125.63	95.51	65.37	35.36	24	186.39	156.53	126.55	96.43	66.28	36.27		186.39	156.53	126.55	96.43	66.28	36.27
185.52	155.46	125.45	95.51	65.57	35.58	23	186.44	156.38	126.38	96.43	66.48	36.49		186.44	156.38	126.38	96.43	66.48	36.49
185.56	155.31	125.28	95.51	65.76	35.79	22	186.49	156.24	126.21	96.43	66.68	36.71		186.49	156.24	126.21	96.43	66.68	36.71
185.60	155.17	125.12	95.51	65.94	35.99	21	186.54	156.10	126.05	96.43	66.86	36.92		186.54	156.10	126.05	96.43	66.86	36.92
185.65	155.03	124.97	95.51	66.11	36.19	20	186.59	155.98	125.90	96.43	67.03	37.11		186.59	155.98	125.90	96.43	67.03	37.11
185.69	154.91	124.83	95.51	66.27	36.37	19	186.64	155.86	125.76	96.43	67.19	37.31		186.64	155.86	125.76	96.43	67.19	37.31
185.73	154.79	124.70	95.51	66.42	36.55	18	186.68	155.74	125.63	96.43	67.34	37.49		186.68	155.74	125.63	96.43	67.34	37.49
185.77	154.68	124.57	95.51	66.57	36.72	17	186.73	155.64	125.51	96.43	67.49	37.66		186.73	155.64	125.51	96.43	67.49	37.66
185.81	154.58	124.46	95.51	66.70	36.88	16	186.78	155.55	125.39	96.43	67.63	37.83		186.78	155.55	125.39	96.43	67.63	37.83
185.86	154.49	124.35	95.51	66.83	37.04	15	186.83	155.46	125.29	96.43	67.75	37.99		186.83	155.46	125.29	96.43	67.75	37.99
185.90	154.41	124.25	95.51	66.95	37.18	14	186.88	155.38	125.19	96.43	67.87	38.14		186.88	155.38	125.19	96.43	67.87	38.14
185.94	154.33	124.16	95.51	67.06	37.32	13	186.93	155.31	125.10	96.43	67.99	38.28		186.93	155.31	125.10	96.43	67.99	38.28
185.99	154.26	124.07	95.51	67.16	37.45	12	186.98	155.24	125.02	96.43	68.09	38.41		186.98	155.24	125.02	96.43	68.09	38.41
186.03	154.20	124.00	95.51	67.25	37.57	11	187.03	155.19	124.94	96.43	68.19	38.54		187.03	155.19	124.94	96.43	68.19	38.54
186.07	154.15	123.93	95.51	67.34	37.68	10	187.08	155.14	124.87	96.43	68.27	38.66		187.08	155.14	124.87	96.43	68.27	38.66
186.12	154.11	123.87	95.51	67.42	37.79	9	187.13	155.10	124.82	96.43	68.35	38.77		187.13	155.10	124.82	96.43	68.35	38.77
186.16	154.07	123.81	95.51	67.49	37.89	8	187.19	155.07	124.76	96.43	68.43	38.87		187.19	155.07	124.76	96.43	68.43	38.87
186.21	154.04	123.77	95.51	67.56	37.98	7	187.24	155.05	124.72	96.43	68.49	38.97		187.24	155.05	124.72	96.43	68.49	38.97
186.25	154.02	123.73	95.51	67.61	38.06	6	187.29	155.04	124.68	96.43	68.55	39.06		187.29	155.04	124.68	96.43	68.55	39.06
186.30																			

98° Sternzeit 6h32min						99° Sternzeit 6h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
184.61	169.42	146.16	97.35	45.29	20.19	64	185.19	170.03	146.89	98.27	45.99	20.78
184.71	169.00	145.27	97.35	46.38	20.82	63	185.30	169.62	146.01	98.27	47.09	21.42
184.80	168.58	144.41	97.35	47.42	21.43	62	185.40	169.22	145.17	98.27	48.15	22.04
184.89	168.17	143.59	97.35	48.43	22.03	61	185.50	168.82	144.35	98.27	49.17	22.66
184.98	167.76	142.79	97.35	49.40	22.62	60	185.60	168.42	143.56	98.27	50.15	23.26
185.06	167.36	142.02	97.35	50.32	23.20	59	185.70	168.03	142.80	98.27	51.08	23.85
185.15	166.96	141.28	97.35	51.22	23.77	58	185.79	167.64	142.07	98.27	51.98	24.43
185.23	166.57	140.56	97.35	52.07	24.33	57	185.88	167.26	141.36	98.27	52.85	25.00
185.31	166.18	139.87	97.35	52.89	24.88	56	185.97	166.88	140.68	98.27	53.68	25.56
185.38	165.80	139.21	97.35	53.68	25.42	55	186.06	166.51	140.02	98.27	54.47	26.11
185.46	165.42	138.56	97.35	54.43	25.95	54	186.14	166.14	139.39	98.27	55.24	26.65
185.53	165.05	137.95	97.35	55.16	26.47	53	186.22	165.78	138.78	98.27	55.97	27.18
185.61	164.69	137.35	97.35	55.86	26.98	52	186.31	165.43	138.19	98.27	56.67	27.69
185.68	164.33	136.78	97.35	56.53	27.47	51	186.39	165.08	137.62	98.27	57.35	28.20
185.75	163.98	136.23	97.35	57.17	27.96	50	186.47	164.74	137.08	98.27	58.00	28.70
185.82	163.64	135.70	97.35	57.79	28.44	49	186.54	164.40	136.55	98.27	58.62	29.18
185.88	163.30	135.19	97.35	58.38	28.90	48	186.62	164.08	136.05	98.27	59.22	29.66
185.95	162.97	134.70	97.35	58.95	29.36	47	186.69	163.75	135.56	98.27	59.79	30.12
186.02	162.65	134.22	97.35	59.49	29.81	46	186.77	163.44	135.09	98.27	60.34	30.58
186.08	162.34	133.77	97.35	60.02	30.24	45	186.84	163.13	134.64	98.27	60.87	31.02
186.14	162.03	133.33	97.35	60.52	30.67	44	186.91	162.83	134.21	98.27	61.37	31.45
186.21	161.73	132.91	97.35	61.00	31.08	43	186.98	162.54	133.79	98.27	61.86	31.88
186.27	161.43	132.50	97.35	61.46	31.49	42	187.05	162.25	133.39	98.27	62.33	32.29
186.33	161.15	132.11	97.35	61.91	31.89	41	187.12	161.97	133.00	98.27	62.78	32.69
186.39	160.87	131.74	97.35	62.34	32.27	40	187.19	161.70	132.63	98.27	63.21	33.09
186.45	160.60	131.38	97.35	62.75	32.65	39	187.26	161.44	132.27	98.27	63.62	33.47
186.51	160.33	131.03	97.35	63.14	33.02	38	187.32	161.18	131.93	98.27	64.02	33.84
186.57	160.08	130.70	97.35	63.52	33.37	37	187.39	160.93	131.60	98.27	64.40	34.21
186.63	159.83	130.38	97.35	63.88	33.72	36	187.46	160.69	131.29	98.27	64.76	34.56
186.69	159.59	130.08	97.35	64.23	34.06	35	187.52	160.45	130.98	98.27	65.11	34.90
186.74	159.36	129.79	97.35	64.56	34.39	34	187.59	160.23	130.69	98.27	65.45	35.24
186.80	159.13	129.50	97.35	64.88	34.71	33	187.65	160.01	130.42	98.27	65.77	35.56
186.86	158.91	129.24	97.35	65.18	35.02	32	187.71	159.79	130.15	98.27	66.07	35.88
186.91	158.70	128.98	97.35	65.48	35.32	31	187.78	159.59	129.89	98.27	66.37	36.19
186.97	158.50	128.73	97.35	65.76	35.61	30	187.84	159.39	129.65	98.27	66.65	36.48
187.03	158.31	128.50	97.35	66.02	35.89	29	187.90	159.21	129.42	98.27	66.92	36.77
187.08	158.12	128.27	97.35	66.28	36.17	28	187.97	159.03	129.20	98.27	67.18	37.05
187.14	157.95	128.06	97.35	66.52	36.43	27	188.03	158.85	128.98	98.27	67.43	37.32
187.19	157.77	127.86	97.35	66.76	36.69	26	188.09	158.69	128.78	98.27	67.66	37.58
187.25	157.61	127.66	97.35	66.98	36.93	25	188.15	158.53	128.59	98.27	67.89	37.83
187.31	157.46	127.48	97.35	67.19	37.17	24	188.22	158.38	128.41	98.27	68.10	38.08
187.36	157.31	127.30	97.35	67.40	37.40	23	188.28	158.24	128.23	98.27	68.31	38.31
187.42	157.17	127.14	97.35	67.59	37.62	22	188.34	158.11	128.07	98.27	68.50	38.54
187.47	157.04	126.98	97.35	67.77	37.84	21	188.40	157.98	127.92	98.27	68.68	38.76
187.53	156.92	126.84	97.35	67.94	38.04	20	188.47	157.86	127.77	98.27	68.86	38.97
187.58	156.81	126.70	97.35	68.11	38.24	19	188.53	157.76	127.63	98.27	69.03	39.17
187.64	156.70	126.57	97.35	68.26	38.42	18	188.59	157.65	127.51	98.27	69.18	39.36
187.69	156.60	126.45	97.35	68.41	38.60	17	188.65	157.56	127.39	98.27	69.33	39.54
187.75	156.51	126.33	97.35	68.55	38.77	16	188.72	157.48	127.27	98.27	69.47	39.72
187.81	156.43	126.23	97.35	68.68	38.94	15	188.78	157.40	127.17	98.27	69.60	39.89
187.86	156.35	126.13	97.35	68.80	39.09	14	188.84	157.33	127.08	98.27	69.72	40.05
187.92	156.29	126.04	97.35	68.91	39.24	13	188.91	157.27	126.99	98.27	69.84	40.20
187.98	156.23	125.96	97.35	69.02	39.38	12	188.97	157.21	126.91	98.27	69.95	40.34
188.04	156.18	125.89	97.35	69.12	39.51	11	189.04	157.17	126.84	98.27	70.05	40.48
188.09	156.14	125.82	97.35	69.21	39.64	10	189.10	157.13	126.77	98.27	70.14	40.61
188.15	156.10	125.77	97.35	69.29	39.75	9	189.17	157.11	126.72	98.27	70.22	40.73
188.21	156.08	125.72	97.35	69.36	39.86	8	189.24	157.09	126.67	98.27	70.30	40.85
188.27	156.06	125.67	97.35	69.43	39.96	7	189.30	157.07	126.63	98.27	70.37	40.95
188.33	156.05	125.64	97.35	69.49	40.06	6	189.37	157.07	126.59	98.27	70.43	41.05
188.39	156.05	125.61	97.35	69.54	40.14	5	189.44	157.08	126.57	98.27	70.48	41.14
188.45	156.06	125.59	97.35	69.59	40.22	4	189.51	157.09	126.55	98.27	70.53	41.23
188.52	156.08	125.58	97.35	69.63	40.29	3	189.58	157.11	126.54	98.27	70.57	41.30
188.58	156.11	125.57	97.35	69.66	40.36	2	189.65	157.15	126.54	98.27	70.61	41.37
188.64	156.14	125.58	97.35	69.69	40.41	1	189.72	157.19	126.54	98.27	70.63	41.44
188.71	156.18	125.59	97.35	69.70	40.46	0	189.80	157.23	126.55	98.27	70.65	41.49

100° Sternzeit 6h40min						101° Sternzeit 6h44min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
185.77	170.64	147.62	99.19	46.69	21.37	64	186.34	171.25	148.35	100.11	47.39	21.96
185.89	170.25	146.75	99.19	47.81	22.02	63	186.47	170.87	147.50	100.11	48.52	22.62
186.00	169.85	145.92	99.19	48.88	22.66	62	186.60	170.49	146.68	100.11	49.60	23.27
186.11	169.46	145.12	99.19	49.91	23.28	61	186.72	170.11	145.88	100.11	50.64	23.91
186.22	169.08	144.34	99.19	50.90	23.90	60	186.84	169.74	145.11	100.11	51.64	24.53
186.33	168.70	143.59	99.19	51.84	24.50	59	186.96	169.37	144.37	100.11	52.60	25.15
186.43	168.32	142.86	99.19	52.75	25.09	58	187.07	169.00	143.66	100.11	53.52	25.75
186.53	167.95	142.16	99.19	53.63	25.67	57	187.19	168.64	142.97	100.11	54.40	26.34
186.63	167.58	141.49	99.19	54.46	26.24	56	187.29	168.28	142.30	100.11	55.25	26.92
186.73	167.22	140.84	99.19	55.27	26.80	55	187.40	167.93	141.66	100.11	56.06	27.49
186.82	166.86	140.21	99.19	56.04	27.35	54	187.51	167.59	141.04	100.11	56.84	28.05
186.92	166.51	139.61	99.19	56.78	27.89	53	187.61	167.24	140.44	100.11	57.58	28.59
187.01	166.17	139.03	99.19	57.49	28.41	52	187.71	166.91	139.87	100.11	58.30	29.13
187.10	165.83	138.47	99.19	58.17	28.93	51	187.81	166.58	139.32	100.11	58.99	29.65
187.18	165.50	137.93	99.19	58.82	29.43	50	187.90	166.25	138.78	100.11	59.65	30.17
187.27	165.17	137.41	99.19	59.45	29.93	49	188.00	165.94	138.27	100.11	60.28	30.67
187.35	164.85	136.91	99.19	60.05	30.41	48	188.09	165.62	137.77	100.11	60.89	31.16
187.44	164.54	136.43	99.19	60.63	30.88	47	188.18	165.32	137.29	100.11	61.47	31.64
187.52	164.23	135.96	99.19	61.19	31.34	46	188.27	165.02	136.83	100.11	62.03	32.11
187.60	163.93	135.51	99.19	61.72	31.79	45	188.36	164.73	136.39	100.11	62.57	32.57
187.68	163.64	135.08	99.19	62.23	32.24	44	188.45	164.44	135.96	100.11	63.08	33.02
187.76	163.35	134.67	99.19	62.72	32.67	43	188.53	164.16	135.55	100.11	63.58	33.45
187.84	163.07	134.27	99.19	63.19	33.09	42	188.62	163.89	135.16	100.11	64.05	33.88
187.91	162.80	133.89	99.19	63.64	33.50	41	188.70	163.62	134.78	100.11	64.51	34.30
187.99	162.53	133.52	99.19	64.08	33.90	40	188.79	163.37	134.42	100.11	64.94	34.71
188.06	162.27	133.17	99.19	64.49	34.29	39	188.87	163.11	134.07	100.11	65.36	35.10
188.14	162.02	132.83	99.19	64.89	34.67	38	188.95	162.87	133.73	100.11	65.77	35.49
188.21	161.78	132.50	99.19	65.27	35.03	37	189.03	162.63	133.41	100.11	66.15	35.86
188.28	161.54	132.19	99.19	65.64	35.40	36	189.11	162.40	133.10	100.11	66.52	36.23
188.36	161.32	131.89	99.19	65.99	35.75	35	189.19	162.18	132.80	100.11	66.88	36.59
188.43	161.10	131.60	99.19	66.33	36.09	34	189.27	161.97	132.51	100.11	67.22	36.93
188.50	160.88	131.33	99.19	66.66	36.42	33	189.35	161.76	132.24	100.11	67.54	37.27
188.57	160.68	131.06	99.19	66.97	36.74	32	189.43	161.56	131.98	100.11	67.86	37.60
188.64	160.48	130.81	99.19	67.26	37.05	31	189.50	161.37	131.73	100.11	68.16	37.91
188.71	160.29	130.57	99.19	67.55	37.35	30	189.58	161.18	131.49	100.11	68.44	38.22
188.78	160.10	130.34	99.19	67.82	37.65	29	189.66	161.00	131.26	100.11	68.72	38.52
188.85	159.93	130.12	99.19	68.08	37.93	28	189.74	160.83	131.04	100.11	68.98	38.81
188.92	159.76	129.91	99.19	68.33	38.21	27	189.81	160.67	130.83	100.11	69.23	39.09
188.99	159.60	129.71	99.19	68.57	38.47	26	189.89	160.52	130.64	100.11	69.47	39.36
189.06	159.45	129.52	99.19	68.79	38.73	25	189.96	160.37	130.45	100.11	69.70	39.63
189.13	159.31	129.34	99.19	69.01	38.98	24	190.04	160.23	130.27	100.11	69.92	39.88
189.20	159.17	129.17	99.19	69.22	39.22	23	190.12	160.10	130.10	100.11	70.12	40.13
189.27	159.04	129.00	99.19	69.41	39.45	22	190.19	159.98	129.94	100.11	70.32	40.36
189.34	158.92	128.85	99.19	69.60	39.67	21	190.27	159.86	129.79	100.11	70.51	40.59
189.41	158.81	128.71	99.19	69.77	39.89	20	190.34	159.76	129.65	100.11	70.69	40.81
189.47	158.71	128.57	99.19	69.94	40.09	19	190.42	159.66	129.51	100.11	70.86	41.02
189.54	158.61	128.45	99.19	70.10	40.29	18	190.50	159.57	129.39	100.11	71.02	41.22
189.61	158.52	128.33	99.19	70.25	40.48	17	190.57	159.48	129.27	100.11	71.17	41.42
189.68	158.44	128.22	99.19	70.39	40.66	16	190.65	159.41	129.16	100.11	71.31	41.60
189.75	158.37	128.12	99.19	70.52	40.84	15	190.73	159.34	129.06	100.11	71.45	41.78
189.83	158.30	128.02	99.19	70.65	41.00	14	190.81	159.28	128.97	100.11	71.57	41.95
189.90	158.25	127.94	99.19	70.77	41.16	13	190.88	159.23	128.88	100.11	71.69	42.11
189.97	158.20	127.86	99.19	70.87	41.31	12	190.96	159.19	128.81	100.11	71.80	42.27
190.04	158.16	127.79	99.19	70.98	41.45	11	191.04	159.15	128.74	100.11	71.90	42.42
190.11	158.13	127.73	99.19	71.07	41.58	10	191.12	159.13	128.68	100.11	72.00	42.55
190.19	158.11	127.67	99.19	71.15	41.71	9	191.20	159.11	128.63	100.11	72.09	42.69
190.26	158.09	127.62	99.19	71.23	41.83	8	191.28	159.10	128.58	100.11	72.17	42.81
190.33	158.09	127.58	99.19	71.30	41.94	7	191.36	159.10	128.54	100.11	72.24	42.93
190.41	158.09	127.55	99.19	71.37	42.04	6	191.45	159.11	128.51	100.11	72.30	43.04
190.49	158.10	127.53	99.19	71.42	42.14	5	191.53	159.12	128.49	100.11	72.36	43.14
190.56	158.12	127.51	99.19	71.47	42.23	4	191.61	159.15	128.47	100.11	72.41	43.23
190.64	158.15	127.50	99.19	71.51	42.31	3	191.70	159.18	128.47	100.11	72.46	43.32
190.72	158.18	127.50	99.19	71.55	42.39	2	191.79	159.23	128.47	100.11	72.49	43.40
190.80	158.23	127.51	99.19	71.58	42.46	1	191.87	159.28	128.47	100.11	72.52	43.48
190.88	158.29	127.52	99.19	71.60	42.52	0	191.96	159.34	128.49	100.11	72.55	43.54

102°		Sternzeit				6h48min		103°				Sternzeit		6h52min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII		
186.92	171.87	149.08	101.03	48.09	22.55	64	187.50	172.48	149.82	101.96	48.78	23.13		
187.06	171.50	148.24	101.03	49.23	23.22	63	187.65	172.12	148.99	101.96	49.94	23.82		
187.20	171.13	147.43	101.03	50.33	23.88	62	187.80	171.77	148.19	101.96	51.05	24.49		
187.33	170.76	146.65	101.03	51.38	24.53	61	187.95	171.41	147.42	101.96	52.11	25.15		
187.47	170.40	145.89	101.03	52.39	25.17	60	188.09	171.06	146.67	101.96	53.13	25.80		
187.59	170.04	145.16	101.03	53.36	25.79	59	188.23	170.71	145.95	101.96	54.11	26.44		
187.72	169.69	144.46	101.03	54.29	26.41	58	188.36	170.37	145.25	101.96	55.05	27.06		
187.84	169.33	143.77	101.03	55.18	27.01	57	188.49	170.03	144.58	101.96	55.95	27.68		
187.96	168.99	143.12	101.03	56.03	27.60	56	188.62	169.69	143.93	101.96	56.81	28.28		
188.07	168.65	142.48	101.03	56.85	28.18	55	188.75	169.36	143.31	101.96	57.64	28.87		
188.19	168.31	141.87	101.03	57.64	28.75	54	188.87	169.03	142.70	101.96	58.43	29.44		
188.30	167.98	141.28	101.03	58.39	29.30	53	188.99	168.71	142.12	101.96	59.20	30.01		
188.41	167.65	140.71	101.03	59.11	29.85	52	189.11	168.39	141.56	101.96	59.93	30.56		
188.51	167.33	140.16	101.03	59.81	30.38	51	189.22	168.08	141.01	101.96	60.63	31.10		
188.62	167.01	139.63	101.03	60.47	30.90	50	189.34	167.77	140.49	101.96	61.30	31.63		
188.72	166.70	139.13	101.03	61.11	31.41	49	189.45	167.47	139.99	101.96	61.94	32.15		
188.82	166.40	138.63	101.03	61.72	31.91	48	189.56	167.18	139.50	101.96	62.56	32.66		
188.92	166.10	138.16	101.03	62.31	32.40	47	189.67	166.89	139.03	101.96	63.15	33.15		
189.02	165.81	137.71	101.03	62.88	32.88	46	189.77	166.60	138.58	101.96	63.72	33.64		
189.12	165.53	137.27	101.03	63.42	33.34	45	189.88	166.33	138.15	101.96	64.27	34.11		
189.21	165.25	136.85	101.03	63.94	33.80	44	189.98	166.05	137.73	101.96	64.79	34.58		
189.31	164.97	136.44	101.03	64.44	34.24	43	190.08	165.79	137.33	101.96	65.29	35.03		
189.40	164.71	136.05	101.03	64.91	34.68	42	190.18	165.53	136.94	101.96	65.77	35.47		
189.49	164.45	135.67	101.03	65.37	35.10	41	190.28	165.28	136.57	101.96	66.24	35.90		
189.58	164.20	135.31	101.03	65.81	35.51	40	190.38	165.03	136.21	101.96	66.68	36.32		
189.67	163.95	134.97	101.03	66.24	35.92	39	190.48	164.80	135.87	101.96	67.11	36.73		
189.76	163.72	134.63	101.03	66.64	36.31	38	190.58	164.57	135.54	101.96	67.51	37.13		
189.85	163.49	134.31	101.03	67.03	36.69	37	190.67	164.34	135.22	101.96	67.91	37.52		
189.94	163.26	134.01	101.03	67.40	37.06	36	190.77	164.12	134.92	101.96	68.28	37.90		
190.03	163.05	133.71	101.03	67.76	37.43	35	190.86	163.91	134.62	101.96	68.64	38.26		
190.11	162.84	133.43	101.03	68.10	37.78	34	190.95	163.71	134.34	101.96	68.99	38.62		
190.20	162.64	133.16	101.03	68.43	38.12	33	191.05	163.52	134.07	101.96	69.32	38.97		
190.28	162.44	132.90	101.03	68.75	38.45	32	191.14	163.33	133.82	101.96	69.64	39.31		
190.37	162.26	132.65	101.03	69.05	38.78	31	191.23	163.15	133.57	101.96	69.94	39.64		
190.45	162.08	132.41	101.03	69.34	39.09	30	191.32	162.97	133.34	101.96	70.23	39.96		
190.54	161.90	132.19	101.03	69.61	39.40	29	191.41	162.81	133.11	101.96	70.51	40.27		
190.62	161.74	131.97	101.03	69.88	39.69	28	191.50	162.65	132.90	101.96	70.78	40.57		
190.70	161.58	131.76	101.03	70.13	39.98	27	191.59	162.50	132.69	101.96	71.03	40.86		
190.79	161.44	131.57	101.03	70.37	40.25	26	191.68	162.35	132.50	101.96	71.27	41.14		
190.87	161.29	131.38	101.03	70.60	40.52	25	191.77	162.22	132.31	101.96	71.51	41.42		
190.95	161.16	131.20	101.03	70.82	40.78	24	191.86	162.09	132.14	101.96	71.73	41.68		
191.03	161.04	131.04	101.03	71.03	41.03	23	191.95	161.97	131.97	101.96	71.94	41.94		
191.12	160.92	130.88	101.03	71.23	41.27	22	192.04	161.86	131.82	101.96	72.14	42.18		
191.20	160.81	130.73	101.03	71.42	41.51	21	192.13	161.75	131.67	101.96	72.33	42.42		
191.28	160.71	130.59	101.03	71.60	41.73	20	192.22	161.65	131.53	101.96	72.52	42.65		
191.37	160.61	130.45	101.03	71.77	41.95	19	192.31	161.57	131.40	101.96	72.69	42.87		
191.45	160.52	130.33	101.03	71.93	42.15	18	192.40	161.48	131.28	101.96	72.85	43.08		
191.53	160.45	130.22	101.03	72.09	42.35	17	192.49	161.41	131.16	101.96	73.01	43.29		
191.62	160.38	130.11	101.03	72.23	42.54	16	192.58	161.35	131.06	101.96	73.15	43.48		
191.70	160.31	130.01	101.03	72.37	42.73	15	192.67	161.29	130.96	101.96	73.29	43.67		
191.78	160.26	129.92	101.03	72.50	42.90	14	192.76	161.24	130.87	101.96	73.42	43.85		
191.87	160.21	129.84	101.03	72.62	43.07	13	192.85	161.20	130.79	101.96	73.54	44.02		
191.95	160.18	129.76	101.03	72.73	43.23	12	192.95	161.17	130.71	101.96	73.65	44.19		
192.04	160.15	129.69	101.03	72.83	43.38	11	193.04	161.14	130.65	101.96	73.76	44.34		
192.13	160.13	129.63	101.03	72.93	43.53	10	193.13	161.13	130.59	101.96	73.86	44.49		
192.22	160.11	129.58	101.03	73.02	43.66	9	193.23	161.12	130.54	101.96	73.95	44.64		
192.30	160.11	129.54	101.03	73.10	43.79	8	193.32	161.12	130.50	101.96	74.03	44.77		
192.39	160.11	129.50	101.03	73.17	43.91	7	193.42	161.13	130.46	101.96	74.11	44.90		
192.48	160.13	129.47	101.03	73.24	44.03	6	193.52	161.15	130.43	101.96	74.18	45.02		
192.57	160.15	129.45	101.03	73.30	44.13	5	193.62	161.17	130.42	101.96	74.24	45.13		
192.67	160.18	129.44	101.03	73.35	44.23	4	193.72	161.21	130.40	101.96	74.29	45.23		
192.76	160.22	129.43	101.03	73.40	44.33	3	193.82	161.25	130.40	101.96	74.34	45.33		
192.85	160.27	129.43	101.03	73.44	44.41	2	193.92	161.31	130.40	101.96	74.38	45.42		
192.95	160.32	129.44	101.03	73.47	44.49	1	194.02	161.37	130.41	101.96	74.41	45.51		
193.04	160.39	129.46	101.03	73.50	44.57	0	194.13	161.44	130.43	101.96	74.44	45.59		

104° Sternzeit 6h56min						105° Sternzeit 7h 0min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
188.07	173.10	150.55	102.88	49.48	23.72	64	188.65	173.71	151.29	103.81	50.17	24.30
188.24	172.75	149.74	102.88	50.65	24.42	63	188.82	173.38	150.49	103.81	51.36	25.01
188.40	172.41	148.95	102.88	51.77	25.10	62	189.00	173.05	149.71	103.81	52.49	25.71
188.56	172.06	148.19	102.88	52.85	25.78	61	189.17	172.72	148.96	103.81	53.58	26.39
188.71	171.73	147.45	102.88	53.88	26.44	60	189.33	172.39	148.24	103.81	54.62	27.07
188.86	171.39	146.74	102.88	54.87	27.08	59	189.49	172.06	147.54	103.81	55.62	27.73
189.00	171.06	146.06	102.88	55.82	27.72	58	189.64	171.74	146.86	103.81	56.58	28.37
189.14	170.73	145.39	102.88	56.72	28.34	57	189.80	171.42	146.20	103.81	57.50	29.01
189.28	170.40	144.75	102.88	57.60	28.95	56	189.94	171.11	145.57	103.81	58.38	29.63
189.42	170.08	144.13	102.88	58.43	29.55	55	190.09	170.79	144.96	103.81	59.22	30.23
189.55	169.76	143.53	102.88	59.23	30.14	54	190.23	170.48	144.37	103.81	60.03	30.83
189.68	169.45	142.96	102.88	60.00	30.71	53	190.37	170.18	143.80	103.81	60.80	31.41
189.81	169.14	142.40	102.88	60.74	31.27	52	190.51	169.88	143.25	103.81	61.55	31.99
189.93	168.83	141.86	102.88	61.44	31.82	51	190.64	169.59	142.72	103.81	62.26	32.55
190.05	168.53	141.35	102.88	62.12	32.36	50	190.77	169.30	142.21	103.81	62.94	33.09
190.17	168.24	140.85	102.88	62.77	32.89	49	190.90	169.01	141.71	103.81	63.60	33.63
190.29	167.95	140.37	102.88	63.39	33.41	48	191.03	168.73	141.24	103.81	64.23	34.15
190.41	167.67	139.90	102.88	63.99	33.91	47	191.15	168.46	140.78	103.81	64.83	34.66
190.52	167.40	139.46	102.88	64.56	34.40	46	191.27	168.19	140.34	103.81	65.41	35.17
190.64	167.13	139.03	102.88	65.11	34.88	45	191.40	167.93	139.91	103.81	65.96	35.65
190.75	166.86	138.62	102.88	65.64	35.35	44	191.51	167.67	139.50	103.81	66.49	36.13
190.86	166.60	138.22	102.88	66.15	35.81	43	191.63	167.42	139.11	103.81	67.00	36.60
190.97	166.35	137.83	102.88	66.63	36.26	42	191.75	167.18	138.73	103.81	67.49	37.05
191.07	166.11	137.47	102.88	67.10	36.70	41	191.86	166.94	138.36	103.81	67.96	37.50
191.18	165.87	137.11	102.88	67.55	37.13	40	191.98	166.71	138.01	103.81	68.41	37.93
191.28	165.64	136.77	102.88	67.98	37.54	39	192.09	166.48	137.68	103.81	68.85	38.35
191.39	165.41	136.44	102.88	68.39	37.95	38	192.20	166.26	137.35	103.81	69.26	38.77
191.49	165.20	136.13	102.88	68.78	38.34	37	192.31	166.05	137.04	103.81	69.66	39.17
191.59	164.99	135.83	102.88	69.16	38.73	36	192.42	165.85	136.74	103.81	70.04	39.56
191.69	164.78	135.54	102.88	69.52	39.10	35	192.53	165.65	136.45	103.81	70.41	39.94
191.79	164.58	135.26	102.88	69.87	39.47	34	192.64	165.46	136.18	103.81	70.76	40.31
191.89	164.40	134.99	102.88	70.21	39.82	33	192.74	165.28	135.91	103.81	71.09	40.67
191.99	164.21	134.74	102.88	70.53	40.17	32	192.85	165.10	135.66	103.81	71.41	41.02
192.09	164.04	134.49	102.88	70.83	40.50	31	192.95	164.93	135.42	103.81	71.72	41.36
192.19	163.87	134.26	102.88	71.13	40.83	30	193.06	164.77	135.19	103.81	72.02	41.69
192.29	163.71	134.04	102.88	71.41	41.14	29	193.16	164.61	134.97	103.81	72.30	42.01
192.38	163.56	133.83	102.88	71.67	41.45	28	193.27	164.46	134.76	103.81	72.57	42.32
192.48	163.41	133.62	102.88	71.93	41.74	27	193.37	164.32	134.56	103.81	72.83	42.63
192.58	163.27	133.43	102.88	72.18	42.03	26	193.47	164.19	134.37	103.81	73.08	42.92
192.67	163.14	133.25	102.88	72.41	42.31	25	193.58	164.07	134.19	103.81	73.31	43.20
192.77	163.02	133.08	102.88	72.63	42.58	24	193.68	163.95	134.01	103.81	73.54	43.48
192.87	162.90	132.91	102.88	72.85	42.84	23	193.78	163.84	133.85	103.81	73.75	43.74
192.96	162.80	132.76	102.88	73.05	43.09	22	193.89	163.74	133.70	103.81	73.96	44.00
193.06	162.70	132.61	102.88	73.24	43.33	21	193.99	163.64	133.55	103.81	74.15	44.25
193.16	162.60	132.47	102.88	73.43	43.57	20	194.09	163.55	133.42	103.81	74.34	44.49
193.25	162.52	132.34	102.88	73.60	43.79	19	194.20	163.48	133.29	103.81	74.52	44.72
193.35	162.44	132.22	102.88	73.77	44.01	18	194.30	163.40	133.17	103.81	74.68	44.94
193.45	162.38	132.11	102.88	73.92	44.22	17	194.40	163.34	133.06	103.81	74.84	45.15
193.54	162.32	132.01	102.88	74.07	44.42	16	194.51	163.29	132.96	103.81	74.99	45.36
193.64	162.26	131.91	102.88	74.21	44.61	15	194.61	163.24	132.86	103.81	75.13	45.56
193.74	162.22	131.82	102.88	74.34	44.80	14	194.72	163.20	132.78	103.81	75.26	45.75
193.84	162.18	131.74	102.88	74.46	44.98	13	194.82	163.17	132.70	103.81	75.39	45.93
193.94	162.16	131.67	102.88	74.58	45.15	12	194.93	163.15	132.63	103.81	75.51	46.10
194.04	162.14	131.61	102.88	74.69	45.31	11	195.04	163.13	132.56	103.81	75.61	46.27
194.14	162.13	131.55	102.88	74.79	45.46	10	195.14	163.13	132.51	103.81	75.72	46.43
194.24	162.12	131.50	102.88	74.88	45.61	9	195.25	163.13	132.46	103.81	75.81	46.58
194.34	162.13	131.46	102.88	74.96	45.75	8	195.36	163.14	132.42	103.81	75.90	46.72
194.45	162.14	131.43	102.88	75.04	45.88	7	195.47	163.16	132.39	103.81	75.97	46.86
194.55	162.17	131.40	102.88	75.11	46.00	6	195.58	163.19	132.37	103.81	76.05	46.99
194.66	162.20	131.38	102.88	75.17	46.12	5	195.70	163.23	132.35	103.81	76.11	47.11
194.76	162.24	131.37	102.88	75.23	46.23	4	195.81	163.27	132.34	103.81	76.17	47.23
194.87	162.29	131.37	102.88	75.28	46.33	3	195.93	163.33	132.34	103.81	76.22	47.33
194.98	162.35	131.37	102.88	75.32	46.43	2	196.04	163.39	132.34	103.81	76.26	47.44
195.09	162.42	131.38	102.88	75.36	46.52	1	196.16	163.47	132.36	103.81	76.30	47.53
195.20	162.50	131.40	102.88	75.39	46.60	0	196.28	163.55	132.38	103.81	76.33	47.62

106° Sternzeit 7h 4min						107° Sternzeit 7h 8min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
189.22	174.33	152.03	104.74	50.86	24.88	64	189.80	174.95	152.77	105.67	51.55	25.46
189.41	174.01	151.24	104.74	52.06	25.61	63	190.00	174.64	151.99	105.67	52.77	26.20
189.60	173.69	150.48	104.74	53.21	26.32	62	190.19	174.33	151.24	105.67	53.93	26.92
189.78	173.37	149.74	104.74	54.31	27.01	61	190.39	174.03	150.51	105.67	55.04	27.63
189.95	173.05	149.02	104.74	55.36	27.70	60	190.57	173.72	149.81	105.67	56.10	28.33
190.12	172.74	148.33	104.74	56.37	28.37	59	190.75	173.42	149.13	105.67	57.12	29.01
190.29	172.43	147.66	104.74	57.34	29.02	58	190.93	173.12	148.47	105.67	58.10	29.68
190.45	172.12	147.01	104.74	58.27	29.67	57	191.10	172.82	147.83	105.67	59.04	30.33
190.61	171.81	146.39	104.74	59.16	30.30	56	191.27	172.52	147.21	105.67	59.94	30.97
190.76	171.51	145.78	104.74	60.01	30.92	55	191.43	172.23	146.61	105.67	60.80	31.60
190.91	171.21	145.20	104.74	60.82	31.52	54	191.59	171.94	146.04	105.67	61.62	32.22
191.06	170.92	144.64	104.74	61.61	32.12	53	191.75	171.65	145.48	105.67	62.41	32.82
191.21	170.63	144.10	104.74	62.36	32.70	52	191.91	171.37	144.95	105.67	63.17	33.41
191.35	170.34	143.57	104.74	63.08	33.27	51	192.06	171.10	144.43	105.67	63.89	33.98
191.49	170.06	143.07	104.74	63.76	33.82	50	192.21	170.82	143.93	105.67	64.59	34.55
191.63	169.78	142.58	104.74	64.43	34.37	49	192.35	170.56	143.45	105.67	65.25	35.10
191.76	169.51	142.11	104.74	65.06	34.90	48	192.50	170.29	142.98	105.67	65.89	35.64
191.89	169.25	141.65	104.74	65.67	35.42	47	192.64	170.03	142.53	105.67	66.50	36.17
192.03	168.99	141.22	104.74	66.25	35.93	46	192.78	169.78	142.10	105.67	67.09	36.69
192.15	168.73	140.80	104.74	66.81	36.42	45	192.91	169.53	141.68	105.67	67.65	37.19
192.28	168.48	140.39	104.74	67.34	36.91	44	193.05	169.29	141.28	105.67	68.20	37.68
192.41	168.24	140.00	104.74	67.86	37.38	43	193.18	169.06	140.90	105.67	68.71	38.16
192.53	168.00	139.63	104.74	68.35	37.84	42	193.31	168.83	140.52	105.67	69.21	38.63
192.65	167.77	139.26	104.74	68.83	38.30	41	193.44	168.60	140.17	105.67	69.69	39.09
192.77	167.55	138.92	104.74	69.28	38.74	40	193.57	168.38	139.82	105.67	70.15	39.54
192.89	167.33	138.58	104.74	69.72	39.16	39	193.70	168.17	139.49	105.67	70.58	39.97
193.01	167.12	138.26	104.74	70.13	39.58	38	193.82	167.97	139.17	105.67	71.01	40.40
193.13	166.91	137.95	104.74	70.53	39.99	37	193.95	167.77	138.87	105.67	71.41	40.81
193.25	166.71	137.66	104.74	70.92	40.39	36	194.07	167.58	138.57	105.67	71.80	41.22
193.36	166.52	137.37	104.74	71.29	40.77	35	194.19	167.39	138.29	105.67	72.17	41.61
193.48	166.34	137.10	104.74	71.64	41.15	34	194.32	167.21	138.02	105.67	72.52	41.99
193.59	166.16	136.84	104.74	71.98	41.52	33	194.44	167.04	137.76	105.67	72.86	42.36
193.70	165.99	136.59	104.74	72.30	41.87	32	194.56	166.88	137.51	105.67	73.19	42.72
193.81	165.82	136.35	104.74	72.61	42.22	31	194.68	166.72	137.28	105.67	73.50	43.08
193.93	165.67	136.12	104.74	72.91	42.55	30	194.79	166.57	137.05	105.67	73.80	43.42
194.04	165.52	135.90	104.74	73.20	42.88	29	194.91	166.42	136.83	105.67	74.09	43.75
194.15	165.37	135.69	104.74	73.47	43.20	28	195.03	166.29	136.63	105.67	74.37	44.07
194.26	165.24	135.49	104.74	73.73	43.51	27	195.15	166.16	136.43	105.67	74.63	44.38
194.37	165.11	135.31	104.74	73.98	43.80	26	195.26	166.03	136.24	105.67	74.88	44.69
194.48	164.99	135.13	104.74	74.22	44.09	25	195.38	165.92	136.07	105.67	75.12	44.98
194.59	164.88	134.96	104.74	74.44	44.37	24	195.50	165.81	135.90	105.67	75.35	45.27
194.70	164.77	134.79	104.74	74.66	44.64	23	195.61	165.71	135.74	105.67	75.57	45.54
194.81	164.68	134.64	104.74	74.87	44.90	22	195.73	165.62	135.59	105.67	75.78	45.81
194.92	164.59	134.50	104.74	75.07	45.16	21	195.85	165.54	135.45	105.67	75.98	46.07
195.03	164.51	134.37	104.74	75.25	45.40	20	195.96	165.46	135.31	105.67	76.16	46.31
195.14	164.43	134.24	104.74	75.43	45.64	19	196.08	165.39	135.19	105.67	76.34	46.56
195.25	164.37	134.12	104.74	75.60	45.86	18	196.20	165.33	135.07	105.67	76.51	46.79
195.36	164.31	134.01	104.74	75.76	46.08	17	196.31	165.28	134.97	105.67	76.68	47.01
195.47	164.26	133.91	104.74	75.91	46.29	16	196.43	165.23	134.87	105.67	76.83	47.23
195.58	164.22	133.82	104.74	76.05	46.50	15	196.55	165.19	134.78	105.67	76.97	47.43
195.69	164.18	133.73	104.74	76.19	46.69	14	196.67	165.16	134.69	105.67	77.11	47.63
195.81	164.16	133.66	104.74	76.31	46.88	13	196.79	165.14	134.62	105.67	77.24	47.82
195.92	164.14	133.59	104.74	76.43	47.06	12	196.91	165.13	134.55	105.67	77.36	48.01
196.03	164.13	133.53	104.74	76.54	47.23	11	197.03	165.13	134.49	105.67	77.47	48.18
196.15	164.13	133.47	104.74	76.64	47.39	10	197.15	165.13	134.44	105.67	77.57	48.35
196.26	164.14	133.43	104.74	76.74	47.55	9	197.27	165.14	134.39	105.67	77.67	48.51
196.38	164.15	133.39	104.74	76.83	47.70	8	197.39	165.17	134.35	105.67	77.76	48.67
196.50	164.18	133.36	104.74	76.91	47.84	7	197.52	165.20	134.32	105.67	77.84	48.81
196.62	164.21	133.33	104.74	76.98	47.97	6	197.65	165.23	134.30	105.67	77.92	48.95
196.74	164.25	133.32	104.74	77.05	48.10	5	197.77	165.28	134.29	105.67	77.98	49.09
196.86	164.31	133.31	104.74	77.11	48.22	4	197.90	165.34	134.28	105.67	78.05	49.21
196.98	164.37	133.31	104.74	77.16	48.33	3	198.03	165.41	134.28	105.67	78.10	49.33
197.10	164.44	133.32	104.74	77.21	48.44	2	198.16	165.48	134.29	105.67	78.15	49.44
197.23	164.52	133.33	104.74	77.25	48.54	1	198.30	165.57	134.31	105.67	78.19	49.55
197.36	164.61	133.36	104.74	77.28	48.64	0	198.43	165.66	134.33	105.67	78.22	49.65

108°		Sternzeit				7h12min		109°		Sternzeit				7h16min					
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
190.37	175.57	153.51	106.60	52.24	26.04	64	190.95	176.19	154.26	107.53	52.93	26.62	64	190.95	176.19	154.26	107.53	52.93	26.62
190.59	175.27	152.75	106.60	53.47	26.79	63	191.17	175.90	153.50	107.53	54.17	27.38	63	191.17	175.90	153.50	107.53	54.17	27.38
190.79	174.98	152.01	106.60	54.64	27.53	62	191.39	175.62	152.77	107.53	55.36	28.13	62	191.39	175.62	152.77	107.53	55.36	28.13
191.00	174.68	151.29	106.60	55.77	28.25	61	191.60	175.34	152.07	107.53	56.49	28.86	61	191.60	175.34	152.07	107.53	56.49	28.86
191.19	174.39	150.60	106.60	56.84	28.95	60	191.81	175.06	151.38	107.53	57.58	29.58	60	191.81	175.06	151.38	107.53	57.58	29.58
191.38	174.10	149.92	106.60	57.87	29.65	59	192.01	174.77	150.72	107.53	58.62	30.28	59	192.01	174.77	150.72	107.53	58.62	30.28
191.57	173.81	149.27	106.60	58.86	30.32	58	192.21	174.50	150.08	107.53	59.62	30.97	58	192.21	174.50	150.08	107.53	59.62	30.97
191.75	173.52	148.64	106.60	59.81	30.99	57	192.40	174.22	149.46	107.53	60.58	31.65	57	192.40	174.22	149.46	107.53	60.58	31.65
191.93	173.23	148.03	106.60	60.71	31.64	56	192.59	173.94	148.86	107.53	61.49	32.31	56	192.59	173.94	148.86	107.53	61.49	32.31
192.10	172.95	147.45	106.60	61.58	32.28	55	192.78	173.67	148.28	107.53	62.37	32.96	55	192.78	173.67	148.28	107.53	62.37	32.96
192.28	172.67	146.88	106.60	62.41	32.91	54	192.96	173.40	147.72	107.53	63.21	33.59	54	192.96	173.40	147.72	107.53	63.21	33.59
192.44	172.39	146.33	106.60	63.21	33.52	53	193.13	173.13	147.17	107.53	64.01	34.22	53	193.13	173.13	147.17	107.53	64.01	34.22
192.61	172.12	145.80	106.60	63.97	34.12	52	193.30	172.87	146.65	107.53	64.78	34.82	52	193.30	172.87	146.65	107.53	64.78	34.82
192.77	171.85	145.29	106.60	64.71	34.70	51	193.47	172.61	146.15	107.53	65.52	35.42	51	193.47	172.61	146.15	107.53	65.52	35.42
192.92	171.59	144.79	106.60	65.41	35.28	50	193.64	172.35	145.66	107.53	66.23	36.00	50	193.64	172.35	145.66	107.53	66.23	36.00
193.08	171.33	144.31	106.60	66.08	35.84	49	193.80	172.10	145.19	107.53	66.90	36.57	49	193.80	172.10	145.19	107.53	66.90	36.57
193.23	171.07	143.85	106.60	66.72	36.39	48	193.96	171.86	144.73	107.53	67.55	37.13	48	193.96	171.86	144.73	107.53	67.55	37.13
193.38	170.82	143.41	106.60	67.34	36.92	47	194.12	171.61	144.29	107.53	68.18	37.67	47	194.12	171.61	144.29	107.53	68.18	37.67
193.53	170.58	142.98	106.60	67.93	37.45	46	194.28	171.38	143.87	107.53	68.77	38.20	46	194.28	171.38	143.87	107.53	68.77	38.20
193.67	170.34	142.57	106.60	68.50	37.96	45	194.43	171.15	143.46	107.53	69.35	38.72	45	194.43	171.15	143.46	107.53	69.35	38.72
193.81	170.11	142.17	106.60	69.05	38.46	44	194.58	170.92	143.07	107.53	69.90	39.23	44	194.58	170.92	143.07	107.53	69.90	39.23
193.95	169.88	141.79	106.60	69.57	38.94	43	194.73	170.70	142.69	107.53	70.42	39.72	43	194.73	170.70	142.69	107.53	70.42	39.72
194.09	169.65	141.42	106.60	70.07	39.42	42	194.87	170.48	142.33	107.53	70.93	40.21	42	194.87	170.48	142.33	107.53	70.93	40.21
194.23	169.44	141.07	106.60	70.55	39.89	41	195.02	170.27	141.97	107.53	71.41	40.68	41	195.02	170.27	141.97	107.53	71.41	40.68
194.37	169.23	140.73	106.60	71.01	40.34	40	195.16	170.07	141.64	107.53	71.88	41.14	40	195.16	170.07	141.64	107.53	71.88	41.14
194.50	169.02	140.40	106.60	71.45	40.78	39	195.30	169.87	141.31	107.53	72.32	41.59	39	195.30	169.87	141.31	107.53	72.32	41.59
194.63	168.82	140.08	106.60	71.88	41.21	38	195.45	169.68	141.00	107.53	72.75	42.03	38	195.45	169.68	141.00	107.53	72.75	42.03
194.77	168.63	139.78	106.60	72.28	41.63	37	195.58	169.49	140.70	107.53	73.16	42.45	37	195.58	169.49	140.70	107.53	73.16	42.45
194.90	168.44	139.49	106.60	72.67	42.04	36	195.72	169.31	140.41	107.53	73.55	42.87	36	195.72	169.31	140.41	107.53	73.55	42.87
195.03	168.26	139.21	106.60	73.05	42.44	35	195.86	169.14	140.14	107.53	73.93	43.27	35	195.86	169.14	140.14	107.53	73.93	43.27
195.15	168.09	138.94	106.60	73.41	42.83	34	195.99	168.97	139.87	107.53	74.29	43.67	34	195.99	168.97	139.87	107.53	74.29	43.67
195.28	167.92	138.69	106.60	73.75	43.21	33	196.13	168.81	139.62	107.53	74.64	44.05	33	196.13	168.81	139.62	107.53	74.64	44.05
195.41	167.76	138.44	106.60	74.08	43.57	32	196.26	168.66	139.37	107.53	74.97	44.42	32	196.26	168.66	139.37	107.53	74.97	44.42
195.54	167.61	138.21	106.60	74.39	43.93	31	196.40	168.51	139.14	107.53	75.29	44.79	31	196.40	168.51	139.14	107.53	75.29	44.79
195.66	167.47	137.98	106.60	74.70	44.28	30	196.53	168.37	138.92	107.53	75.59	45.14	30	196.53	168.37	138.92	107.53	75.59	45.14
195.79	167.33	137.77	106.60	74.99	44.62	29	196.66	168.24	138.71	107.53	75.88	45.48	29	196.66	168.24	138.71	107.53	75.88	45.48
195.91	167.20	137.57	106.60	75.26	44.94	28	196.79	168.11	138.50	107.53	76.16	45.82	28	196.79	168.11	138.50	107.53	76.16	45.82
196.03	167.07	137.37	106.60	75.53	45.26	27	196.92	167.99	138.31	107.53	76.43	46.14	27	196.92	167.99	138.31	107.53	76.43	46.14
196.16	166.96	137.19	106.60	75.78	45.57	26	197.05	167.88	138.13	107.53	76.68	46.45	26	197.05	167.88	138.13	107.53	76.68	46.45
196.28	166.85	137.01	106.60	76.02	45.87	25	197.18	167.78	137.95	107.53	76.93	46.76	25	197.18	167.78	137.95	107.53	76.93	46.76
196.40	166.74	136.84	106.60	76.25	46.16	24	197.31	167.68	137.79	107.53	77.16	47.05	24	197.31	167.68	137.79	107.53	77.16	47.05
196.53	166.65	136.69	106.60	76.47	46.44	23	197.44	167.59	137.63	107.53	77.38	47.34	23	197.44	167.59	137.63	107.53	77.38	47.34
196.65	166.56	136.54	106.60	76.69	46.71	22	197.57	167.51	137.49	107.53	77.59	47.61	22	197.57	167.51	137.49	107.53	77.59	47.61
196.77	166.48	136.40	106.60	76.89	46.97	21	197.70	167.43	137.35	107.53	77.80	47.88	21	197.70	167.43	137.35	107.53	77.80	47.88
196.90	166.41	136.27	106.60	77.08	47.23	20	197.83	167.37	137.22	107.53	77.99	48.14	20	197.83	167.37	137.22	107.53	77.99	48.14
197.02	166.35	136.14	106.60	77.26	47.47	19	197.96	167.31	137.10	107.53	78.17	48.39	19	197.96	167.31	137.10	107.53	78.17	48.39
197.14	166.29	136.03	106.60	77.43	47.71	18	198.09	167.26	136.99	107.53	78.34	48.63	18	198.09	167.26	136.99	107.53	78.34	48.63
197.27	166.24	135.92	106.60	77.59	47.94	17	198.22	167.21	136.88	107.53	78.51	48.86	17	198.22	167.21	136.88	107.53	78.51	48.86
197.39	166.20	135.82	106.60	77.75	48.16	16	198.35	167.18	136.78	107.53	78.66	49.09	16	198.35	167.18	136.78	107.53	78.66	49.09
197.52	166.17	135.73	106.60	77.89	48.37	15	198.48	167.15	136.69	107.53	78.81	49.31	15	198.48	167.15	136.69	107.53	78.81	49.31
197.64	166.15	135.65	106.60	78.03	48.57	14	198.61	167.13	136.61	107.53	78.95	49.52	14	198.61	167.13	136.61	107.53	78.95	49.52
197.77	166.13	135.58	106.60	78.16	48.77	13	198.75	167.12	136.54	107.53	79.08	49.72	13	198.75	167.12	136.54	107.53	79.08	49.72
197.89	166.12	135.51	106.60	78.28	48.96	12	198.88	167.12	136.48	107.53	79.21	49.91	12	198.88	167.12	136.48	107.53	79.21	49.91
198.02	166.12	135.45	106.60	78.39	49.14	11	199.01	167.12	136.42	107.53	79.32	50.10	11	199.01	167.12	136.42	107.53	79.32	50.10
198.15	166.13	135.40	106.60	78.50	49.31	10	199.15	167.14	136.37	107.53	79.43	50.27	10	199.15	167.14	136.37	107.53	79.43	50.27
198.28	166.15	135.36	106.60	78.60	49.48	9	199.29	167.16	136.33	107.53	79.53	50.44	9	199.29	167.16	136.33	107.53	79.53	50.44
198.41	166.18	135.32	106.60	78.69	49.64	8	199.42	167.19	136.29	107.53	79.62	50.61	8	199.42	167.19	136.29	107.53	79.62	50.61
198.54	166.21	135.29	106.60	78.77	49.79	7	199.56</												

110°		Sternzeit			7h20min		Br.	111°		Sternzeit			7h24min	
Asz.	XII	XI	MC	IX	VIII	Asz.		XII	XI	MC	IX	VIII		
191.52	176.81	155.00	108.46	53.62	27.19	64	192.09	177.43	155.75	109.40	54.30	27.77		
191.76	176.54	154.26	108.46	54.87	27.97	63	192.34	177.17	155.02	109.40	55.57	28.56		
191.99	176.27	153.54	108.46	56.07	28.73	62	192.59	176.91	154.31	109.40	56.78	29.33		
192.21	175.99	152.85	108.46	57.22	29.47	61	192.82	176.65	153.63	109.40	57.94	30.09		
192.43	175.72	152.17	108.46	58.32	30.20	60	193.05	176.39	152.97	109.40	59.05	30.83		
192.65	175.45	151.52	108.46	59.37	30.92	59	193.28	176.14	152.32	109.40	60.12	31.55		
192.85	175.19	150.89	108.46	60.38	31.62	58	193.49	175.88	151.70	109.40	61.14	32.27		
193.06	174.92	150.28	108.46	61.34	32.31	57	193.71	175.62	151.10	109.40	62.11	32.96		
193.25	174.65	149.69	108.46	62.27	32.98	56	193.92	175.37	150.51	109.40	63.04	33.65		
193.45	174.39	149.11	108.46	63.15	33.64	55	194.12	175.11	149.95	109.40	63.94	34.31		
193.64	174.13	148.56	108.46	64.00	34.28	54	194.32	174.86	149.40	109.40	64.79	34.97		
193.82	173.87	148.02	108.46	64.81	34.91	53	194.51	174.61	148.87	109.40	65.61	35.61		
194.00	173.62	147.51	108.46	65.59	35.53	52	194.70	174.37	148.36	109.40	66.39	36.24		
194.18	173.37	147.01	108.46	66.33	36.13	51	194.89	174.13	147.87	109.40	67.15	36.85		
194.36	173.12	146.52	108.46	67.05	36.73	50	195.07	173.89	147.39	109.40	67.87	37.45		
194.53	172.88	146.06	108.46	67.73	37.30	49	195.25	173.65	146.93	109.40	68.56	38.03		
194.70	172.64	145.61	108.46	68.39	37.87	48	195.43	173.42	146.49	109.40	69.22	38.61		
194.86	172.41	145.17	108.46	69.01	38.42	47	195.60	173.20	146.06	109.40	69.85	39.17		
195.03	172.18	144.76	108.46	69.62	38.96	46	195.77	172.98	145.65	109.40	70.46	39.72		
195.19	171.95	144.35	108.46	70.19	39.49	45	195.94	172.76	145.25	109.40	71.04	40.25		
195.34	171.73	143.96	108.46	70.75	40.00	44	196.11	172.55	144.86	109.40	71.60	40.77		
195.50	171.52	143.59	108.46	71.28	40.50	43	196.27	172.34	144.49	109.40	72.13	41.28		
195.66	171.31	143.23	108.46	71.78	40.99	42	196.44	172.14	144.13	109.40	72.64	41.78		
195.81	171.11	142.88	108.46	72.27	41.47	41	196.60	171.94	143.79	109.40	73.13	42.26		
195.96	170.91	142.55	108.46	72.74	41.94	40	196.75	171.75	143.46	109.40	73.61	42.74		
196.11	170.72	142.23	108.46	73.19	42.40	39	196.91	171.57	143.14	109.40	74.06	43.20		
196.26	170.53	141.92	108.46	73.62	42.84	38	197.07	171.39	142.84	109.40	74.49	43.65		
196.40	170.35	141.62	108.46	74.03	43.27	37	197.22	171.21	142.54	109.40	74.91	44.09		
196.55	170.18	141.33	108.46	74.43	43.69	36	197.37	171.05	142.26	109.40	75.31	44.52		
196.69	170.01	141.06	108.46	74.81	44.10	35	197.52	170.88	141.99	109.40	75.69	44.93		
196.83	169.85	140.80	108.46	75.17	44.50	34	197.67	170.73	141.73	109.40	76.05	45.34		
196.97	169.69	140.55	108.46	75.52	44.89	33	197.82	170.58	141.48	109.40	76.41	45.74		
197.11	169.55	140.31	108.46	75.85	45.27	32	197.97	170.44	141.24	109.40	76.74	46.12		
197.25	169.41	140.08	108.46	76.18	45.64	31	198.11	170.30	141.01	109.40	77.07	46.49		
197.39	169.27	139.86	108.46	76.48	46.00	30	198.26	170.17	140.80	109.40	77.37	46.86		
197.53	169.14	139.65	108.46	76.78	46.35	29	198.40	170.05	140.59	109.40	77.67	47.21		
197.67	169.02	139.45	108.46	77.06	46.69	28	198.55	169.94	140.39	109.40	77.95	47.55		
197.81	168.91	139.26	108.46	77.33	47.01	27	198.69	169.83	140.20	109.40	78.22	47.89		
197.94	168.80	139.07	108.46	77.58	47.33	26	198.84	169.73	140.02	109.40	78.48	48.21		
198.08	168.70	138.90	108.46	77.83	47.64	25	198.98	169.63	139.85	109.40	78.73	48.53		
198.22	168.61	138.74	108.46	78.06	47.94	24	199.12	169.55	139.69	109.40	78.97	48.83		
198.35	168.53	138.58	108.46	78.29	48.23	23	199.26	169.47	139.54	109.40	79.19	49.13		
198.49	168.45	138.44	108.46	78.50	48.51	22	199.41	169.40	139.39	109.40	79.41	49.41		
198.62	168.38	138.30	108.46	78.71	48.79	21	199.55	169.33	139.26	109.40	79.62	49.69		
198.76	168.32	138.17	108.46	78.90	49.05	20	199.69	169.28	139.13	109.40	79.81	49.96		
198.90	168.27	138.05	108.46	79.08	49.30	19	199.84	169.23	139.01	109.40	80.00	50.22		
199.03	168.22	137.94	108.46	79.26	49.55	18	199.98	169.19	138.90	109.40	80.17	50.47		
199.17	168.18	137.84	108.46	79.43	49.79	17	200.12	169.15	138.80	109.40	80.34	50.71		
199.31	168.15	137.74	108.46	79.58	50.02	16	200.27	169.13	138.71	109.40	80.50	50.95		
199.45	168.13	137.66	108.46	79.73	50.24	15	200.41	169.11	138.62	109.40	80.65	51.17		
199.58	168.12	137.58	108.46	79.87	50.45	14	200.56	169.10	138.54	109.40	80.79	51.39		
199.72	168.11	137.51	108.46	80.01	50.66	13	200.70	169.10	138.47	109.40	80.93	51.60		
199.86	168.11	137.44	108.46	80.13	50.86	12	200.85	169.11	138.41	109.40	81.06	51.81		
200.01	168.12	137.39	108.46	80.25	51.05	11	200.99	169.12	138.36	109.40	81.17	52.00		
200.15	168.14	137.34	108.46	80.36	51.23	10	201.14	169.15	138.31	109.40	81.28	52.19		
200.29	168.17	137.30	108.46	80.46	51.41	9	201.29	169.18	138.27	109.40	81.39	52.37		
200.43	168.21	137.27	108.46	80.55	51.58	8	201.44	169.22	138.24	109.40	81.48	52.54		
200.58	168.25	137.24	108.46	80.64	51.74	7	201.60	169.27	138.22	109.40	81.57	52.71		
200.73	168.31	137.22	108.46	80.72	51.89	6	201.75	169.33	138.20	109.40	81.65	52.87		
200.87	168.37	137.21	108.46	80.79	52.04	5	201.90	169.40	138.19	109.40	81.73	53.02		
201.02	168.44	137.21	108.46	80.86	52.18	4	202.06	169.48	138.19	109.40	81.80	53.16		
201.17	168.52	137.22	108.46	80.92	52.31	3	202.22	169.56	138.20	109.40	81.86	53.30		
201.33	168.62	137.23	108.46	80.97	52.44	2	202.38	169.66	138.21	109.40	81.91	53.44		
201.48	168.72	137.25	108.46	81.02	52.56	1	202.54	169.77	138.24	109.40	81.96	53.56		
201.64	168.83	137.28	108.46	81.06	52.68	0	202.71	169.88	138.27	109.40	82.00	53.68		

112° Sternzeit 7h28min						113° Sternzeit 7h32min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
192.67	178.05	156.49	110.34	54.99	28.34	64	193.24	178.67	157.24	111.28	55.67	28.91
192.93	177.80	155.78	110.34	56.27	29.14	63	193.52	178.44	156.54	111.28	56.96	29.73
193.18	177.56	155.09	110.34	57.49	29.93	62	193.78	178.21	155.86	111.28	58.20	30.52
193.43	177.31	154.41	110.34	58.67	30.70	61	194.04	177.97	155.20	111.28	59.39	31.31
193.67	177.06	153.76	110.34	59.79	31.45	60	194.29	177.74	154.55	111.28	60.52	32.07
193.91	176.82	153.13	110.34	60.86	32.19	59	194.54	177.50	153.93	111.28	61.61	32.82
194.14	176.57	152.51	110.34	61.89	32.91	58	194.78	177.26	153.33	111.28	62.65	33.55
194.36	176.32	151.92	110.34	62.88	33.62	57	195.01	177.03	152.74	111.28	63.64	34.27
194.58	176.08	151.34	110.34	63.82	34.31	56	195.24	176.79	152.17	111.28	64.59	34.98
194.79	175.84	150.79	110.34	64.72	34.99	55	195.46	176.56	151.62	111.28	65.50	35.67
195.00	175.59	150.25	110.34	65.58	35.65	54	195.68	176.33	151.09	111.28	66.38	36.34
195.20	175.36	149.73	110.34	66.41	36.30	53	195.89	176.10	150.58	111.28	67.21	37.00
195.40	175.12	149.22	110.34	67.20	36.94	52	196.10	175.87	150.08	111.28	68.01	37.64
195.60	174.89	148.73	110.34	67.96	37.56	51	196.30	175.65	149.60	111.28	68.77	38.27
195.79	174.66	148.26	110.34	68.68	38.17	50	196.50	175.43	149.14	111.28	69.50	38.89
195.98	174.43	147.81	110.34	69.38	38.77	49	196.70	175.21	148.69	111.28	70.20	39.49
196.16	174.21	147.37	110.34	70.05	39.35	48	196.90	175.00	148.25	111.28	70.88	40.08
196.34	173.99	146.95	110.34	70.68	39.91	47	197.09	174.79	147.83	111.28	71.52	40.66
196.52	173.78	146.54	110.34	71.30	40.47	46	197.27	174.58	147.43	111.28	72.14	41.22
196.70	173.57	146.14	110.34	71.88	41.01	45	197.46	174.38	147.04	111.28	72.73	41.77
196.88	173.36	145.76	110.34	72.44	41.54	44	197.64	174.18	146.66	111.28	73.29	42.31
197.05	173.16	145.40	110.34	72.98	42.06	43	197.82	173.99	146.30	111.28	73.84	42.83
197.22	172.97	145.04	110.34	73.50	42.56	42	198.00	173.80	145.95	111.28	74.36	43.35
197.38	172.78	144.70	110.34	74.00	43.06	41	198.17	173.62	145.61	111.28	74.86	43.85
197.55	172.59	144.37	110.34	74.47	43.54	40	198.34	173.44	145.29	111.28	75.34	44.33
197.71	172.42	144.06	110.34	74.93	44.00	39	198.52	173.27	144.98	111.28	75.79	44.81
197.88	172.24	143.76	110.34	75.36	44.46	38	198.68	173.10	144.68	111.28	76.23	45.27
198.04	172.08	143.47	110.34	75.78	44.91	37	198.85	172.94	144.39	111.28	76.66	45.72
198.19	171.91	143.19	110.34	76.18	45.34	36	199.02	172.78	144.11	111.28	77.06	46.16
198.35	171.76	142.92	110.34	76.57	45.76	35	199.18	172.64	143.85	111.28	77.45	46.59
198.51	171.61	142.66	110.34	76.94	46.18	34	199.35	172.49	143.59	111.28	77.82	47.01
198.66	171.47	142.41	110.34	77.29	46.58	33	199.51	172.36	143.35	111.28	78.18	47.42
198.82	171.33	142.18	110.34	77.63	46.97	32	199.67	172.23	143.12	111.28	78.52	47.81
198.97	171.20	141.95	110.34	77.96	47.35	31	199.83	172.10	142.89	111.28	78.85	48.20
199.12	171.08	141.74	110.34	78.27	47.72	30	199.99	171.98	142.68	111.28	79.16	48.57
199.28	170.96	141.53	110.34	78.56	48.07	29	200.15	171.87	142.48	111.28	79.46	48.94
199.43	170.85	141.33	110.34	78.85	48.42	28	200.30	171.77	142.28	111.28	79.75	49.29
199.58	170.75	141.15	110.34	79.12	48.76	27	200.46	171.67	142.10	111.28	80.02	49.63
199.73	170.65	140.97	110.34	79.38	49.09	26	200.62	171.58	141.92	111.28	80.29	49.97
199.88	170.57	140.80	110.34	79.63	49.41	25	200.77	171.50	141.76	111.28	80.54	50.29
200.03	170.48	140.64	110.34	79.87	49.72	24	200.93	171.42	141.60	111.28	80.78	50.61
200.17	170.41	140.49	110.34	80.10	50.02	23	201.08	171.35	141.45	111.28	81.01	50.91
200.32	170.34	140.35	110.34	80.32	50.31	22	201.24	171.29	141.31	111.28	81.23	51.21
200.47	170.28	140.22	110.34	80.53	50.59	21	201.40	171.24	141.18	111.28	81.44	51.50
200.62	170.23	140.09	110.34	80.72	50.87	20	201.55	171.19	141.05	111.28	81.64	51.77
200.77	170.19	139.97	110.34	80.91	51.13	19	201.71	171.15	140.94	111.28	81.83	52.04
200.92	170.15	139.87	110.34	81.09	51.39	18	201.86	171.12	140.83	111.28	82.01	52.30
201.07	170.12	139.77	110.34	81.26	51.64	17	202.02	171.09	140.73	111.28	82.18	52.56
201.22	170.10	139.67	110.34	81.42	51.87	16	202.18	171.08	140.64	111.28	82.34	52.80
201.37	170.09	139.59	110.34	81.57	52.11	15	202.33	171.07	140.56	111.28	82.49	53.04
201.52	170.09	139.51	110.34	81.72	52.33	14	202.49	171.07	140.48	111.28	82.64	53.26
201.68	170.09	139.44	110.34	81.85	52.54	13	202.65	171.08	140.42	111.28	82.78	53.48
201.83	170.10	139.38	110.34	81.98	52.75	12	202.81	171.10	140.36	111.28	82.91	53.70
201.98	170.12	139.33	110.34	82.10	52.95	11	202.97	171.12	140.30	111.28	83.03	53.90
202.14	170.15	139.28	110.34	82.21	53.14	10	203.13	171.16	140.26	111.28	83.14	54.10
202.29	170.19	139.25	110.34	82.32	53.33	9	203.29	171.20	140.22	111.28	83.25	54.29
202.45	170.23	139.22	110.34	82.42	53.51	8	203.46	171.25	140.20	111.28	83.35	54.47
202.61	170.29	139.19	110.34	82.51	53.68	7	203.62	171.31	140.17	111.28	83.44	54.64
202.77	170.35	139.18	110.34	82.59	53.84	6	203.79	171.38	140.16	111.28	83.52	54.81
202.93	170.43	139.17	110.34	82.67	54.00	5	203.96	171.46	140.16	111.28	83.60	54.97
203.10	170.51	139.17	110.34	82.74	54.15	4	204.13	171.55	140.16	111.28	83.67	55.13
203.26	170.60	139.18	110.34	82.80	54.29	3	204.30	171.64	140.17	111.28	83.74	55.28
203.43	170.71	139.20	110.34	82.86	54.43	2	204.47	171.75	140.18	111.28	83.80	55.42
203.60	170.82	139.22	110.34	82.91	54.56	1	204.65	171.87	140.21	111.28	83.85	55.56
203.77	170.94	139.25	110.34	82.95	54.69	0	204.83	171.99	140.24	111.28	83.89	55.69

114°						115°						
Sternzeit			7h36min			Sternzeit			7h40min			
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
193.82	179.29	157.99	112.22	56.35	29.48	64	194.39	179.92	158.74	113.16	57.03	30.05
194.10	179.08	157.30	112.22	57.66	30.31	63	194.69	179.71	158.07	113.16	58.35	30.89
194.38	178.85	156.63	112.22	58.91	31.12	62	194.98	179.50	157.41	113.16	59.62	31.71
194.65	178.63	155.98	112.22	60.11	31.91	61	195.26	179.29	156.77	113.16	60.83	32.52
194.91	178.41	155.35	112.22	61.26	32.69	60	195.53	179.08	156.15	113.16	61.99	33.31
195.17	178.18	154.74	112.22	62.36	33.45	59	195.80	178.87	155.55	113.16	63.10	34.08
195.42	177.96	154.14	112.22	63.40	34.20	58	196.06	178.65	154.96	113.16	64.16	34.84
195.66	177.73	153.57	112.22	64.41	34.93	57	196.31	178.44	154.39	113.16	65.17	35.58
195.90	177.51	153.01	112.22	65.37	35.64	56	196.56	178.22	153.84	113.16	66.14	36.30
196.13	177.28	152.47	112.22	66.29	36.34	55	196.80	178.01	153.31	113.16	67.07	37.01
196.36	177.06	151.94	112.22	67.17	37.02	54	197.04	177.80	152.79	113.16	67.96	37.70
196.58	176.84	151.43	112.22	68.01	37.69	53	197.27	177.59	152.29	113.16	68.81	38.38
196.80	176.63	150.94	112.22	68.81	38.35	52	197.49	177.38	151.81	113.16	69.62	39.05
197.01	176.41	150.47	112.22	69.58	38.99	51	197.72	177.17	151.34	113.16	70.40	39.70
197.22	176.20	150.01	112.22	70.32	39.61	50	197.94	176.97	150.88	113.16	71.14	40.33
197.43	175.99	149.57	112.22	71.03	40.22	49	198.15	176.77	150.45	113.16	71.85	40.95
197.63	175.78	149.14	112.22	71.71	40.82	48	198.36	176.57	150.02	113.16	72.54	41.56
197.83	175.58	148.72	112.22	72.36	41.41	47	198.57	176.38	149.61	113.16	73.19	42.15
198.02	175.38	148.32	112.22	72.98	41.98	46	198.77	176.19	149.22	113.16	73.82	42.73
198.21	175.19	147.94	112.22	73.57	42.53	45	198.97	176.00	148.84	113.16	74.42	43.29
198.40	175.00	147.57	112.22	74.14	43.08	44	199.17	175.82	148.47	113.16	74.99	43.84
198.59	174.81	147.21	112.22	74.69	43.61	43	199.36	175.64	148.12	113.16	75.54	44.38
198.78	174.63	146.86	112.22	75.21	44.13	42	199.56	175.46	147.78	113.16	76.07	44.91
198.96	174.46	146.53	112.22	75.72	44.63	41	199.75	175.30	147.45	113.16	76.58	45.42
199.14	174.28	146.21	112.22	76.20	45.13	40	199.93	175.13	147.13	113.16	77.07	45.92
199.32	174.12	145.90	112.22	76.66	45.61	39	200.12	174.97	146.82	113.16	77.53	46.41
199.49	173.96	145.60	112.22	77.11	46.08	38	200.30	174.82	146.53	113.16	77.98	46.89
199.67	173.80	145.32	112.22	77.53	46.54	37	200.48	174.67	146.25	113.16	78.41	47.35
199.84	173.66	145.05	112.22	77.94	46.98	36	200.66	174.53	145.98	113.16	78.82	47.80
200.01	173.51	144.78	112.22	78.33	47.42	35	200.84	174.39	145.72	113.16	79.21	48.24
200.18	173.38	144.53	112.22	78.70	47.84	34	201.02	174.26	145.47	113.16	79.59	48.67
200.35	173.24	144.29	112.22	79.06	48.25	33	201.19	174.13	145.23	113.16	79.95	49.09
200.52	173.12	144.06	112.22	79.41	48.66	32	201.37	174.02	145.00	113.16	80.30	49.50
200.69	173.00	143.84	112.22	79.74	49.05	31	201.54	173.90	144.78	113.16	80.63	49.90
200.85	172.89	143.63	112.22	80.05	49.43	30	201.71	173.80	144.57	113.16	80.95	50.28
201.02	172.78	143.42	112.22	80.35	49.80	29	201.89	173.70	144.37	113.16	81.25	50.66
201.18	172.68	143.23	112.22	80.64	50.16	28	202.06	173.60	144.18	113.16	81.54	51.02
201.34	172.59	143.05	112.22	80.92	50.50	27	202.23	173.52	144.00	113.16	81.82	51.38
201.51	172.51	142.87	112.22	81.19	50.84	26	202.40	173.44	143.83	113.16	82.09	51.72
201.67	172.43	142.71	112.22	81.44	51.17	25	202.57	173.36	143.67	113.16	82.34	52.05
201.83	172.36	142.55	112.22	81.68	51.49	24	202.73	173.30	143.51	113.16	82.59	52.38
201.99	172.29	142.41	112.22	81.91	51.80	23	202.90	173.24	143.37	113.16	82.82	52.69
202.16	172.24	142.27	112.22	82.14	52.11	22	203.07	173.19	143.23	113.16	83.05	53.00
202.32	172.19	142.14	112.22	82.35	52.40	21	203.24	173.14	143.10	113.16	83.26	53.30
202.48	172.15	142.02	112.22	82.55	52.68	20	203.41	173.10	142.98	113.16	83.46	53.58
202.64	172.11	141.90	112.22	82.74	52.95	19	203.58	173.08	142.87	113.16	83.65	53.86
202.80	172.09	141.80	112.22	82.92	53.22	18	203.74	173.05	142.77	113.16	83.84	54.13
202.97	172.07	141.70	112.22	83.09	53.48	17	203.91	173.04	142.67	113.16	84.01	54.39
203.13	172.06	141.61	112.22	83.26	53.72	16	204.08	173.03	142.58	113.16	84.18	54.65
203.29	172.05	141.53	112.22	83.41	53.97	15	204.25	173.03	142.50	113.16	84.34	54.89
203.46	172.06	141.46	112.22	83.56	54.20	14	204.42	173.04	142.43	113.16	84.48	55.13
203.62	172.07	141.39	112.22	83.70	54.42	13	204.59	173.06	142.37	113.16	84.62	55.36
203.79	172.09	141.33	112.22	83.83	54.64	12	204.77	173.09	142.31	113.16	84.76	55.58
203.96	172.12	141.28	112.22	83.95	54.85	11	204.94	173.12	142.26	113.16	84.88	55.79
204.12	172.16	141.24	112.22	84.07	55.05	10	205.11	173.17	142.22	113.16	85.00	56.00
204.29	172.21	141.20	112.22	84.18	55.24	9	205.29	173.22	142.18	113.16	85.11	56.20
204.46	172.27	141.18	112.22	84.28	55.43	8	205.47	173.28	142.16	113.16	85.21	56.39
204.64	172.33	141.16	112.22	84.37	55.61	7	205.64	173.35	142.14	113.16	85.31	56.57
204.81	172.40	141.14	112.22	84.46	55.78	6	205.82	173.43	142.13	113.16	85.40	56.75
204.98	172.49	141.14	112.22	84.54	55.95	5	206.01	173.52	142.13	113.16	85.48	56.92
205.16	172.58	141.14	112.22	84.61	56.11	4	206.19	173.62	142.13	113.16	85.55	57.09
205.34	172.68	141.15	112.22	84.68	56.26	3	206.37	173.72	142.14	113.16	85.62	57.24
205.52	172.80	141.17	112.22	84.74	56.41	2	206.56	173.84	142.16	113.16	85.68	57.40
205.70	172.92	141.20	112.22	84.79	56.55	1	206.75	173.97	142.19	113.16	85.74	57.54
205.89	173.05	141.24	112.22	84.84	56.69	0	206.94	174.10	142.23	113.16	85.79	57.68

116° Sternzeit 7h44min						117° Sternzeit 7h48min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
194.96	180.54	159.50	114.11	57.71	30.62	64	195.53	181.17	160.25	115.05	58.39	31.19
195.27	180.35	158.83	114.11	59.05	31.47	63	195.86	180.99	159.60	115.05	59.74	32.05
195.57	180.15	158.19	114.11	60.33	32.31	62	196.17	180.80	158.97	115.05	61.03	32.90
195.87	179.95	157.56	114.11	61.55	33.13	61	196.47	180.62	158.35	115.05	62.27	33.73
196.15	179.75	156.95	114.11	62.72	33.93	60	196.77	180.43	157.75	115.05	63.45	34.54
196.43	179.55	156.35	114.11	63.84	34.71	59	197.06	180.24	157.17	115.05	64.59	35.34
196.70	179.35	155.78	114.11	64.91	35.48	58	197.34	180.04	156.60	115.05	65.67	36.12
196.96	179.14	155.22	114.11	65.94	36.23	57	197.61	179.85	156.05	115.05	66.70	36.88
197.22	178.94	154.68	114.11	66.92	36.96	56	197.88	179.66	155.51	115.05	67.69	37.62
197.47	178.74	154.15	114.11	67.85	37.68	55	198.14	179.46	155.00	115.05	68.63	38.35
197.72	178.53	153.64	114.11	68.75	38.39	54	198.39	179.27	154.50	115.05	69.54	39.07
197.96	178.33	153.15	114.11	69.60	39.07	53	198.64	179.08	154.01	115.05	70.40	39.76
198.19	178.13	152.67	114.11	70.42	39.75	52	198.89	178.89	153.54	115.05	71.23	40.45
198.42	177.94	152.21	114.11	71.21	40.40	51	199.13	178.70	153.08	115.05	72.02	41.11
198.65	177.74	151.76	114.11	71.96	41.05	50	199.37	178.51	152.64	115.05	72.78	41.76
198.87	177.55	151.33	114.11	72.68	41.68	49	199.60	178.33	152.21	115.05	73.50	42.40
199.09	177.36	150.91	114.11	73.37	42.29	48	199.82	178.15	151.80	115.05	74.20	43.03
199.31	177.17	150.51	114.11	74.03	42.89	47	200.05	177.97	151.40	115.05	74.86	43.63
199.52	176.99	150.12	114.11	74.66	43.48	46	200.27	177.79	151.02	115.05	75.50	44.23
199.73	176.81	149.74	114.11	75.26	44.05	45	200.48	177.62	150.65	115.05	76.11	44.81
199.93	176.64	149.38	114.11	75.84	44.61	44	200.70	177.46	150.29	115.05	76.69	45.38
200.13	176.46	149.03	114.11	76.40	45.16	43	200.91	177.29	149.94	115.05	77.25	45.93
200.33	176.30	148.69	114.11	76.93	45.69	42	201.11	177.13	149.61	115.05	77.79	46.47
200.53	176.14	148.36	114.11	77.44	46.21	41	201.32	176.98	149.29	115.05	78.30	47.00
200.73	175.98	148.05	114.11	77.93	46.72	40	201.52	176.83	148.98	115.05	78.80	47.51
200.92	175.83	147.75	114.11	78.40	47.21	39	201.72	176.68	148.68	115.05	79.27	48.01
201.11	175.68	147.46	114.11	78.85	47.69	38	201.92	176.54	148.39	115.05	79.72	48.50
201.30	175.54	147.18	114.11	79.28	48.16	37	202.11	176.40	148.11	115.05	80.16	48.98
201.49	175.40	146.91	114.11	79.69	48.62	36	202.31	176.27	147.85	115.05	80.57	49.44
201.67	175.27	146.65	114.11	80.09	49.07	35	202.50	176.15	147.59	115.05	80.97	49.89
201.85	175.14	146.41	114.11	80.47	49.51	34	202.69	176.03	147.35	115.05	81.35	50.34
202.04	175.02	146.17	114.11	80.83	49.93	33	202.88	175.92	147.12	115.05	81.72	50.77
202.22	174.91	145.95	114.11	81.18	50.34	32	203.07	175.81	146.89	115.05	82.07	51.18
202.40	174.80	145.73	114.11	81.52	50.74	31	203.25	175.71	146.68	115.05	82.41	51.59
202.58	174.70	145.52	114.11	81.84	51.13	30	203.44	175.61	146.47	115.05	82.73	51.99
202.75	174.61	145.32	114.11	82.15	51.51	29	203.62	175.52	146.28	115.05	83.04	52.37
202.93	174.52	145.14	114.11	82.44	51.88	28	203.81	175.44	146.09	115.05	83.34	52.75
203.11	174.44	144.96	114.11	82.72	52.24	27	203.99	175.36	145.92	115.05	83.62	53.11
203.28	174.36	144.79	114.11	82.99	52.59	26	204.17	175.29	145.75	115.05	83.89	53.47
203.46	174.30	144.63	114.11	83.25	52.93	25	204.35	175.23	145.59	115.05	84.15	53.81
203.63	174.24	144.47	114.11	83.49	53.26	24	204.53	175.17	145.44	115.05	84.40	54.15
203.81	174.18	144.33	114.11	83.73	53.58	23	204.72	175.13	145.30	115.05	84.64	54.47
203.98	174.13	144.20	114.11	83.95	53.89	22	204.90	175.08	145.16	115.05	84.86	54.79
204.16	174.10	144.07	114.11	84.17	54.20	21	205.08	175.05	145.04	115.05	85.08	55.09
204.33	174.06	143.95	114.11	84.37	54.49	20	205.26	175.02	144.92	115.05	85.29	55.39
204.51	174.04	143.84	114.11	84.57	54.77	19	205.44	175.00	144.81	115.05	85.48	55.68
204.68	174.02	143.74	114.11	84.75	55.05	18	205.62	174.99	144.71	115.05	85.67	55.96
204.86	174.01	143.64	114.11	84.93	55.31	17	205.80	174.99	144.62	115.05	85.85	56.23
205.03	174.01	143.56	114.11	85.10	55.57	16	205.98	174.99	144.53	115.05	86.02	56.49
205.21	174.02	143.48	114.11	85.26	55.82	15	206.17	175.00	144.46	115.05	86.18	56.74
205.39	174.03	143.41	114.11	85.41	56.06	14	206.35	175.02	144.39	115.05	86.33	56.99
205.56	174.05	143.34	114.11	85.55	56.29	13	206.53	175.05	144.32	115.05	86.47	57.23
205.74	174.09	143.29	114.11	85.68	56.52	12	206.72	175.08	144.27	115.05	86.61	57.46
205.92	174.13	143.24	114.11	85.81	56.74	11	206.90	175.13	144.22	115.05	86.74	57.68
206.10	174.17	143.20	114.11	85.93	56.95	10	207.09	175.18	144.19	115.05	86.86	57.90
206.28	174.23	143.17	114.11	86.04	57.15	9	207.28	175.24	144.15	115.05	86.97	58.10
206.47	174.30	143.14	114.11	86.14	57.35	8	207.47	175.31	144.13	115.05	87.08	58.30
206.65	174.37	143.13	114.11	86.24	57.54	7	207.66	175.39	144.11	115.05	87.18	58.50
206.84	174.45	143.12	114.11	86.33	57.72	6	207.85	175.48	144.11	115.05	87.27	58.68
207.03	174.55	143.12	114.11	86.41	57.89	5	208.04	175.58	144.11	115.05	87.35	58.86
207.22	174.65	143.12	114.11	86.49	58.06	4	208.24	175.69	144.11	115.05	87.43	59.04
207.41	174.76	143.14	114.11	86.56	58.23	3	208.44	175.80	144.13	115.05	87.50	59.20
207.60	174.89	143.16	114.11	86.62	58.38	2	208.64	175.93	144.15	115.05	87.57	59.37
207.80	175.02	143.19	114.11	86.68	58.53	1	208.84	176.07	144.18	115.05	87.63	59.52
208.00	175.16	143.22	114.11	86.73	58.68	0	209.05	176.21	144.22	115.05	87.68	59.67

118° Sternzeit 7h52min						119° Sternzeit 7h56min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
196.11	181.79	161.01	116.00	59.06	31.75	64	196.68	182.42	161.76	116.95	59.74	32.31
196.44	181.63	160.37	116.00	60.43	32.63	63	197.02	182.27	161.14	116.95	61.12	33.20
196.76	181.46	159.75	116.00	61.74	33.49	62	197.36	182.11	160.53	116.95	62.44	34.08
197.08	181.28	159.14	116.00	62.99	34.33	61	197.69	181.95	159.93	116.95	63.71	34.93
197.39	181.10	158.55	116.00	64.19	35.16	60	198.00	181.78	159.35	116.95	64.92	35.77
197.69	180.92	157.98	116.00	65.33	35.96	59	198.31	181.61	158.79	116.95	66.07	36.59
197.98	180.74	157.42	116.00	66.42	36.75	58	198.62	181.44	158.24	116.95	67.17	37.39
198.26	180.56	156.88	116.00	67.46	37.53	57	198.91	181.27	157.71	116.95	68.23	38.17
198.54	180.38	156.35	116.00	68.46	38.28	56	199.20	181.09	157.19	116.95	69.23	38.94
198.81	180.19	155.84	116.00	69.42	39.02	55	199.48	180.92	156.69	116.95	70.20	39.69
199.07	180.01	155.35	116.00	70.33	39.74	54	199.75	180.75	156.21	116.95	71.12	40.42
199.33	179.83	154.87	116.00	71.20	40.45	53	200.02	180.57	155.73	116.95	72.00	41.14
199.59	179.65	154.41	116.00	72.03	41.14	52	200.28	180.40	155.28	116.95	72.84	41.84
199.84	179.47	153.96	116.00	72.83	41.82	51	200.54	180.23	154.83	116.95	73.64	42.53
200.08	179.29	153.52	116.00	73.60	42.48	50	200.79	180.06	154.40	116.95	74.41	43.20
200.32	179.11	153.10	116.00	74.33	43.13	49	201.04	179.89	153.99	116.95	75.15	43.85
200.56	178.94	152.69	116.00	75.03	43.76	48	201.29	179.73	153.59	116.95	75.86	44.49
200.79	178.77	152.30	116.00	75.70	44.37	47	201.53	179.57	153.20	116.95	76.53	45.11
201.01	178.60	151.92	116.00	76.34	44.98	46	201.76	179.41	152.82	116.95	77.18	45.72
201.24	178.44	151.55	116.00	76.95	45.56	45	201.99	179.25	152.46	116.95	77.80	46.32
201.46	178.28	151.20	116.00	77.54	46.14	44	202.22	179.10	152.11	116.95	78.39	46.90
201.68	178.12	150.86	116.00	78.11	46.70	43	202.45	178.95	151.77	116.95	78.96	47.47
201.89	177.97	150.53	116.00	78.65	47.25	42	202.67	178.80	151.45	116.95	79.51	48.02
202.10	177.82	150.21	116.00	79.16	47.78	41	202.89	178.66	151.13	116.95	80.03	48.56
202.31	177.67	149.90	116.00	79.66	48.30	40	203.11	178.52	150.83	116.95	80.53	49.09
202.52	177.54	149.61	116.00	80.14	48.81	39	203.32	178.39	150.54	116.95	81.01	49.61
202.72	177.40	149.32	116.00	80.59	49.30	38	203.53	178.26	150.26	116.95	81.47	50.11
202.93	177.27	149.05	116.00	81.03	49.79	37	203.74	178.14	149.99	116.95	81.91	50.60
203.13	177.15	148.79	116.00	81.45	50.26	36	203.95	178.02	149.73	116.95	82.33	51.08
203.33	177.03	148.54	116.00	81.85	50.72	35	204.15	177.91	149.48	116.95	82.74	51.54
203.52	176.92	148.29	116.00	82.24	51.16	34	204.36	177.80	149.24	116.95	83.12	51.99
203.72	176.81	148.06	116.00	82.61	51.60	33	204.56	177.70	149.01	116.95	83.50	52.43
203.91	176.71	147.84	116.00	82.96	52.02	32	204.76	177.60	148.79	116.95	83.85	52.86
204.11	176.61	147.63	116.00	83.30	52.44	31	204.96	177.51	148.58	116.95	84.19	53.28
204.30	176.52	147.43	116.00	83.63	52.84	30	205.16	177.43	148.38	116.95	84.52	53.69
204.49	176.44	147.23	116.00	83.94	53.23	29	205.36	177.35	148.19	116.95	84.84	54.09
204.68	176.36	147.05	116.00	84.24	53.61	28	205.55	177.28	148.01	116.95	85.14	54.47
204.87	176.29	146.88	116.00	84.52	53.98	27	205.75	177.21	147.84	116.95	85.42	54.85
205.06	176.22	146.71	116.00	84.80	54.34	26	205.94	177.15	147.67	116.95	85.70	55.21
205.25	176.17	146.55	116.00	85.06	54.69	25	206.14	177.10	147.52	116.95	85.96	55.57
205.43	176.11	146.40	116.00	85.31	55.03	24	206.33	177.05	147.37	116.95	86.22	55.91
205.62	176.07	146.26	116.00	85.55	55.36	23	206.53	177.02	147.23	116.95	86.46	56.24
205.81	176.03	146.13	116.00	85.78	55.68	22	206.72	176.98	147.10	116.95	86.69	56.57
205.99	176.00	146.01	116.00	85.99	55.99	21	206.91	176.96	146.98	116.95	86.91	56.89
206.18	175.98	145.89	116.00	86.20	56.29	20	207.10	176.94	146.87	116.95	87.12	57.19
206.37	175.97	145.79	116.00	86.40	56.58	19	207.30	176.93	146.76	116.95	87.32	57.49
206.56	175.96	145.69	116.00	86.59	56.87	18	207.49	176.93	146.66	116.95	87.51	57.78
206.74	175.96	145.59	116.00	86.77	57.14	17	207.68	176.93	146.57	116.95	87.69	58.06
206.93	175.97	145.51	116.00	86.94	57.41	16	207.88	176.95	146.49	116.95	87.86	58.33
207.12	175.98	145.43	116.00	87.10	57.67	15	208.07	176.97	146.42	116.95	88.02	58.59
207.31	176.01	145.37	116.00	87.25	57.92	14	208.27	177.00	146.35	116.95	88.18	58.85
207.50	176.04	145.31	116.00	87.40	58.16	13	208.46	177.03	146.29	116.95	88.33	59.09
207.69	176.08	145.25	116.00	87.54	58.40	12	208.66	177.08	146.24	116.95	88.47	59.33
207.88	176.13	145.21	116.00	87.67	58.62	11	208.86	177.13	146.20	116.95	88.60	59.56
208.07	176.19	145.17	116.00	87.79	58.84	10	209.06	177.19	146.16	116.95	88.72	59.79
208.27	176.25	145.14	116.00	87.90	59.05	9	209.26	177.26	146.13	116.95	88.84	60.00
208.46	176.33	145.12	116.00	88.01	59.26	8	209.46	177.34	146.11	116.95	88.95	60.21
208.66	176.41	145.11	116.00	88.11	59.46	7	209.66	177.43	146.10	116.95	89.05	60.41
208.86	176.51	145.10	116.00	88.20	59.65	6	209.87	177.53	146.09	116.95	89.14	60.61
209.06	176.61	145.10	116.00	88.29	59.83	5	210.07	177.64	146.09	116.95	89.23	60.80
209.26	176.72	145.11	116.00	88.37	60.01	4	210.28	177.75	146.10	116.95	89.31	60.98
209.47	176.84	145.12	116.00	88.44	60.18	3	210.49	177.88	146.12	116.95	89.39	61.16
209.67	176.97	145.15	116.00	88.51	60.35	2	210.71	178.02	146.15	116.95	89.45	61.33
209.88	177.12	145.18	116.00	88.57	60.51	1	210.92	178.16	146.18	116.95	89.52	61.49
210.10	177.27	145.22	116.00	88.63	60.66	0	211.14	178.32	146.22	116.95	89.57	61.65

120°		Sternzeit			8h 0min				121°		Sternzeit			8h 4min					
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
197.25	183.05	162.52	117.91	60.41	32.87	64	197.82	183.68	163.28	118.87	61.08	33.43	64	197.82	183.68	163.28	118.87	61.08	33.43
197.61	182.91	161.91	117.91	61.81	33.78	63	198.19	183.55	162.68	118.87	62.50	34.35	63	198.19	183.55	162.68	118.87	62.50	34.35
197.96	182.76	161.31	117.91	63.15	34.67	62	198.55	183.41	162.09	118.87	63.85	35.25	62	198.55	183.41	162.09	118.87	63.85	35.25
198.29	182.61	160.73	117.91	64.42	35.53	61	198.90	183.28	161.52	118.87	65.14	36.13	61	198.90	183.28	161.52	118.87	65.14	36.13
198.62	182.46	160.16	117.91	65.64	36.38	60	199.24	183.13	160.97	118.87	66.37	36.99	60	199.24	183.13	160.97	118.87	66.37	36.99
198.94	182.30	159.61	117.91	66.81	37.21	59	199.57	182.99	160.42	118.87	67.55	37.83	59	199.57	182.99	160.42	118.87	67.55	37.83
199.26	182.14	159.07	117.91	67.92	38.02	58	199.89	182.84	159.89	118.87	68.68	38.66	58	199.89	182.84	159.89	118.87	68.68	38.66
199.56	181.98	158.54	117.91	68.99	38.82	57	200.21	182.69	159.38	118.87	69.75	39.46	57	200.21	182.69	159.38	118.87	69.75	39.46
199.86	181.81	158.04	117.91	70.01	39.60	56	200.52	182.53	158.88	118.87	70.78	40.25	56	200.52	182.53	158.88	118.87	70.78	40.25
200.15	181.65	157.54	117.91	70.98	40.36	55	200.82	182.38	158.39	118.87	71.76	41.02	55	200.82	182.38	158.39	118.87	71.76	41.02
200.43	181.49	157.06	117.91	71.91	41.10	54	201.11	182.23	157.92	118.87	72.70	41.77	54	201.11	182.23	157.92	118.87	72.70	41.77
200.71	181.32	156.60	117.91	72.79	41.83	53	201.40	182.07	157.46	118.87	73.59	42.51	53	201.40	182.07	157.46	118.87	73.59	42.51
200.98	181.16	156.15	117.91	73.64	42.54	52	201.68	181.92	157.02	118.87	74.45	43.23	52	201.68	181.92	157.02	118.87	74.45	43.23
201.25	181.00	155.71	117.91	74.46	43.23	51	201.95	181.77	156.59	118.87	75.27	43.93	51	201.95	181.77	156.59	118.87	75.27	43.93
201.51	180.84	155.29	117.91	75.23	43.91	50	202.22	181.61	156.17	118.87	76.05	44.62	50	202.22	181.61	156.17	118.87	76.05	44.62
201.77	180.68	154.88	117.91	75.98	44.57	49	202.49	181.46	155.77	118.87	76.80	45.29	49	202.49	181.46	155.77	118.87	76.80	45.29
202.02	180.52	154.48	117.91	76.69	45.22	48	202.75	181.31	155.38	118.87	77.52	45.95	48	202.75	181.31	155.38	118.87	77.52	45.95
202.27	180.37	154.10	117.91	77.37	45.85	47	203.00	181.17	155.00	118.87	78.20	46.59	47	203.00	181.17	155.00	118.87	78.20	46.59
202.51	180.22	153.73	117.91	78.02	46.47	46	203.26	181.02	154.64	118.87	78.86	47.22	46	203.26	181.02	154.64	118.87	78.86	47.22
202.75	180.07	153.37	117.91	78.64	47.07	45	203.50	180.88	154.28	118.87	79.49	47.83	45	203.50	180.88	154.28	118.87	79.49	47.83
202.98	179.92	153.02	117.91	79.24	47.66	44	203.75	180.74	153.94	118.87	80.09	48.43	44	203.75	180.74	153.94	118.87	80.09	48.43
203.22	179.78	152.69	117.91	79.82	48.24	43	203.99	180.61	153.61	118.87	80.67	49.01	43	203.99	180.61	153.61	118.87	80.67	49.01
203.45	179.64	152.37	117.91	80.36	48.80	42	204.22	180.48	153.29	118.87	81.22	49.58	42	204.22	180.48	153.29	118.87	81.22	49.58
203.67	179.51	152.06	117.91	80.89	49.35	41	204.46	180.35	152.99	118.87	81.75	50.13	41	204.46	180.35	152.99	118.87	81.75	50.13
203.90	179.37	151.76	117.91	81.39	49.88	40	204.69	180.23	152.69	118.87	82.26	50.67	40	204.69	180.23	152.69	118.87	82.26	50.67
204.12	179.25	151.47	117.91	81.88	50.40	39	204.92	180.11	152.41	118.87	82.75	51.20	39	204.92	180.11	152.41	118.87	82.75	51.20
204.34	179.13	151.19	117.91	82.34	50.91	38	205.14	179.99	152.13	118.87	83.22	51.71	38	205.14	179.99	152.13	118.87	83.22	51.71
204.55	179.01	150.93	117.91	82.78	51.41	37	205.37	179.88	151.87	118.87	83.66	52.22	37	205.37	179.88	151.87	118.87	83.66	52.22
204.77	178.90	150.67	117.91	83.21	51.89	36	205.59	179.77	151.62	118.87	84.09	52.71	36	205.59	179.77	151.62	118.87	84.09	52.71
204.98	178.79	150.42	117.91	83.62	52.36	35	205.81	179.67	151.37	118.87	84.50	53.18	35	205.81	179.67	151.37	118.87	84.50	53.18
205.19	178.69	150.19	117.91	84.01	52.82	34	206.03	179.58	151.14	118.87	84.90	53.65	34	206.03	179.58	151.14	118.87	84.90	53.65
205.40	178.59	149.96	117.91	84.38	53.27	33	206.24	179.49	150.91	118.87	85.27	54.10	33	206.24	179.49	150.91	118.87	85.27	54.10
205.61	178.50	149.75	117.91	84.74	53.70	32	206.46	179.40	150.70	118.87	85.63	54.54	32	206.46	179.40	150.70	118.87	85.63	54.54
205.81	178.42	149.54	117.91	85.09	54.13	31	206.67	179.32	150.50	118.87	85.98	54.97	31	206.67	179.32	150.50	118.87	85.98	54.97
206.02	178.34	149.34	117.91	85.42	54.54	30	206.88	179.25	150.30	118.87	86.31	55.39	30	206.88	179.25	150.30	118.87	86.31	55.39
206.22	178.27	149.15	117.91	85.73	54.94	29	207.09	179.18	150.11	118.87	86.63	55.79	29	207.09	179.18	150.11	118.87	86.63	55.79
206.43	178.20	148.97	117.91	86.04	55.33	28	207.30	179.12	149.94	118.87	86.94	56.19	28	207.30	179.12	149.94	118.87	86.94	56.19
206.63	178.14	148.80	117.91	86.33	55.71	27	207.51	179.06	149.77	118.87	87.23	56.58	27	207.51	179.06	149.77	118.87	87.23	56.58
206.83	178.08	148.64	117.91	86.60	56.08	26	207.71	179.02	149.61	118.87	87.51	56.95	26	207.71	179.02	149.61	118.87	87.51	56.95
207.03	178.04	148.49	117.91	86.87	56.44	25	207.92	178.97	149.46	118.87	87.78	57.32	25	207.92	178.97	149.46	118.87	87.78	57.32
207.23	178.00	148.34	117.91	87.12	56.79	24	208.13	178.94	149.31	118.87	88.03	57.67	24	208.13	178.94	149.31	118.87	88.03	57.67
207.43	177.96	148.20	117.91	87.37	57.13	23	208.33	178.91	149.18	118.87	88.28	58.01	23	208.33	178.91	149.18	118.87	88.28	58.01
207.63	177.93	148.08	117.91	87.60	57.46	22	208.54	178.89	149.05	118.87	88.51	58.35	22	208.54	178.89	149.05	118.87	88.51	58.35
207.83	177.91	147.96	117.91	87.82	57.78	21	208.74	178.87	148.93	118.87	88.74	58.67	21	208.74	178.87	148.93	118.87	88.74	58.67
208.03	177.90	147.84	117.91	88.03	58.09	20	208.95	178.86	148.82	118.87	88.95	58.99	20	208.95	178.86	148.82	118.87	88.95	58.99
208.22	177.90	147.74	117.91	88.23	58.39	19	209.15	178.86	148.72	118.87	89.15	59.30	19	209.15	178.86	148.72	118.87	89.15	59.30
208.42	177.90	147.64	117.91	88.43	58.69	18	209.36	178.87	148.62	118.87	89.35	59.59	18	209.36	178.87	148.62	118.87	89.35	59.59
208.62	177.91	147.55	117.91	88.61	58.97	17	209.56	178.88	148.54	118.87	89.53	59.88	17	209.56	178.88	148.54	118.87	89.53	59.88
208.82	177.93	147.47	117.91	88.78	59.25	16	209.77	178.90	148.46	118.87	89.71	60.16	16	209.77	178.90	148.46	118.87	89.71	60.16
209.02	177.95	147.40	117.91	88.95	59.51	15	209.97	178.93	148.39	118.87	89.87	60.43	15	209.97	178.93	148.39	118.87	89.87	60.43
209.23	177.98	147.34	117.91	89.11	59.77	14	210.18	178.97	148.32	118.87	90.03	60.70	14	210.18	178.97	148.32	118.87	90.03	60.70
209.43	178.03	147.28	117.91	89.25	60.02	13	210.39	179.02	148.27	118.87	90.18	60.95	13	210.39	179.02	148.27	118.87	90.18	60.95
209.63	178.07	147.23	117.91	89.39	60.27	12	210.60	179.07	148.22	118.87	90.32	61.20	12	210.60	179.07	148.22	118.87	90.32	61.20
209.83	178.13	147.19	117.91	89.53	60.50	11	210.81	179.14	148.18	118.87	90.46	61.44	11	210.81	179.14	148.18	118.87	90.46	61.44
210.04	178.20	147.15	117.91	89.65	60.73	10	211.02	179.21	148.14	118.87	90.58	61.67	10	211.02	179.21	148.14	118.87	90.58	61.67
210.25	178.28	147.12	117.91	89.77	60.95	9	211.23	179.29	148.12	118.87	90.70	61.90	9	211.23	179.29	148.12	118.87	90.70	61.90
210.45	178.36	147.10	117.91	89.88	61.16	8	211.44	179.38	148.10	118.87	90.82	62.12	8	211.44	179.38	148.10	118.87	90.82	62.12
210.66	178.45	147.09	117.91	89.98	61.37	7													

122° Sternzeit 8h 8min						123° Sternzeit 8h12min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
198.39	184.30	164.04	119.82	61.75	33.99	64	198.96	184.93	164.80	120.79	62.42	34.55
198.77	184.19	163.45	119.82	63.18	34.92	63	199.36	184.83	164.23	120.79	63.87	35.50
199.14	184.07	162.88	119.82	64.55	35.84	62	199.74	184.72	163.67	120.79	65.25	36.42
199.51	183.94	162.32	119.82	65.86	36.73	61	200.11	184.61	163.12	120.79	66.57	37.32
199.86	183.81	161.77	119.82	67.10	37.60	60	200.47	184.49	162.58	120.79	67.83	38.21
200.20	183.68	161.24	119.82	68.29	38.45	59	200.83	184.37	162.06	120.79	69.03	39.07
200.53	183.54	160.72	119.82	69.43	39.29	58	201.17	184.24	161.55	120.79	70.18	39.92
200.86	183.40	160.22	119.82	70.51	40.11	57	201.51	184.11	161.05	120.79	71.27	40.75
201.17	183.26	159.72	119.82	71.55	40.90	56	201.83	183.98	160.57	120.79	72.32	41.56
201.48	183.11	159.25	119.82	72.54	41.69	55	202.15	183.84	160.10	120.79	73.32	42.35
201.79	182.97	158.78	119.82	73.49	42.45	54	202.47	183.71	159.64	120.79	74.28	43.12
202.08	182.82	158.33	119.82	74.39	43.20	53	202.77	183.57	159.20	120.79	75.19	43.88
202.37	182.68	157.90	119.82	75.25	43.92	52	203.07	183.44	158.77	120.79	76.06	44.62
202.66	182.53	157.47	119.82	76.08	44.64	51	203.36	183.30	158.35	120.79	76.89	45.34
202.94	182.39	157.06	119.82	76.87	45.33	50	203.65	183.17	157.95	120.79	77.69	46.04
203.21	182.25	156.66	119.82	77.63	46.01	49	203.93	183.03	157.56	120.79	78.45	46.73
203.48	182.11	156.28	119.82	78.35	46.68	48	204.21	182.90	157.18	120.79	79.18	47.41
203.74	181.97	155.90	119.82	79.04	47.33	47	204.48	182.77	156.81	120.79	79.88	48.06
204.00	181.83	155.54	119.82	79.70	47.96	46	204.75	182.64	156.45	120.79	80.55	48.71
204.26	181.70	155.20	119.82	80.34	48.58	45	205.01	182.52	156.11	120.79	81.19	49.33
204.51	181.57	154.86	119.82	80.95	49.19	44	205.27	182.39	155.78	120.79	81.80	49.95
204.76	181.44	154.53	119.82	81.53	49.78	43	205.53	182.27	155.46	120.79	82.38	50.54
205.00	181.32	154.22	119.82	82.08	50.35	42	205.78	182.15	155.15	120.79	82.95	51.13
205.24	181.19	153.92	119.82	82.62	50.91	41	206.03	182.04	154.85	120.79	83.48	51.69
205.48	181.08	153.62	119.82	83.13	51.46	40	206.27	181.93	154.56	120.79	84.00	52.25
205.72	180.96	153.34	119.82	83.62	52.00	39	206.52	181.82	154.28	120.79	84.49	52.79
205.95	180.86	153.07	119.82	84.09	52.52	38	206.75	181.72	154.01	120.79	84.97	53.32
206.18	180.75	152.81	119.82	84.54	53.02	37	206.99	181.62	153.76	120.79	85.42	53.83
206.41	180.65	152.56	119.82	84.97	53.52	36	207.23	181.53	153.51	120.79	85.85	54.33
206.63	180.56	152.32	119.82	85.39	54.00	35	207.46	181.44	153.27	120.79	86.27	54.82
206.86	180.47	152.09	119.82	85.78	54.47	34	207.69	181.36	153.04	120.79	86.67	55.30
207.08	180.38	151.87	119.82	86.16	54.93	33	207.92	181.28	152.83	120.79	87.05	55.76
207.30	180.30	151.66	119.82	86.53	55.38	32	208.15	181.20	152.62	120.79	87.42	56.21
207.52	180.23	151.46	119.82	86.88	55.81	31	208.37	181.13	152.42	120.79	87.77	56.65
207.74	180.16	151.26	119.82	87.21	56.24	30	208.59	181.07	152.23	120.79	88.11	57.08
207.95	180.10	151.08	119.82	87.53	56.65	29	208.82	181.01	152.04	120.79	88.43	57.50
208.17	180.04	150.90	119.82	87.84	57.05	28	209.04	180.96	151.87	120.79	88.74	57.91
208.38	179.99	150.74	119.82	88.13	57.44	27	209.26	180.92	151.71	120.79	89.04	58.30
208.60	179.95	150.58	119.82	88.42	57.82	26	209.48	180.88	151.55	120.79	89.32	58.69
208.81	179.91	150.43	119.82	88.68	58.19	25	209.70	180.85	151.40	120.79	89.59	59.06
209.02	179.88	150.29	119.82	88.94	58.55	24	209.92	180.82	151.26	120.79	89.85	59.43
209.23	179.85	150.15	119.82	89.19	58.90	23	210.13	180.80	151.13	120.79	90.10	59.78
209.44	179.84	150.03	119.82	89.43	59.24	22	210.35	180.79	151.01	120.79	90.34	60.12
209.65	179.83	149.91	119.82	89.65	59.57	21	210.57	180.78	150.89	120.79	90.57	60.46
209.87	179.82	149.80	119.82	89.87	59.89	20	210.78	180.79	150.79	120.79	90.78	60.78
210.08	179.83	149.70	119.82	90.07	60.20	19	211.00	180.79	150.69	120.79	90.99	61.10
210.29	179.84	149.61	119.82	90.27	60.50	18	211.22	180.81	150.60	120.79	91.19	61.40
210.50	179.86	149.52	119.82	90.45	60.79	17	211.43	180.83	150.51	120.79	91.38	61.70
210.71	179.88	149.45	119.82	90.63	61.08	16	211.65	180.86	150.43	120.79	91.55	61.99
210.92	179.92	149.38	119.82	90.80	61.35	15	211.87	180.90	150.37	120.79	91.72	62.27
211.14	179.96	149.31	119.82	90.96	61.62	14	212.09	180.95	150.31	120.79	91.89	62.54
211.35	180.01	149.26	119.82	91.11	61.88	13	212.31	181.00	150.25	120.79	92.04	62.81
211.56	180.07	149.21	119.82	91.25	62.13	12	212.53	181.07	150.21	120.79	92.18	63.06
211.78	180.14	149.17	119.82	91.39	62.38	11	212.75	181.14	150.17	120.79	92.32	63.31
212.00	180.21	149.14	119.82	91.52	62.61	10	212.97	181.22	150.14	120.79	92.45	63.55
212.21	180.30	149.11	119.82	91.64	62.84	9	213.20	181.31	150.11	120.79	92.57	63.79
212.43	180.39	149.10	119.82	91.75	63.06	8	213.42	181.41	150.10	120.79	92.69	64.01
212.65	180.49	149.09	119.82	91.86	63.28	7	213.65	181.51	150.09	120.79	92.80	64.23
212.88	180.60	149.09	119.82	91.96	63.49	6	213.88	181.63	150.09	120.79	92.90	64.44
213.10	180.73	149.09	119.82	92.05	63.69	5	214.11	181.75	150.10	120.79	92.99	64.65
213.33	180.86	149.11	119.82	92.14	63.89	4	214.34	181.89	150.11	120.79	93.08	64.85
213.56	181.00	149.13	119.82	92.22	64.08	3	214.57	182.03	150.13	120.79	93.16	65.04
213.79	181.15	149.16	119.82	92.29	64.26	2	214.81	182.19	150.17	120.79	93.24	65.23
214.02	181.31	149.20	119.82	92.36	64.44	1	215.05	182.35	150.20	120.79	93.30	65.41
214.26	181.48	149.24	119.82	92.42	64.61	0	215.29	182.53	150.25	120.79	93.37	65.59

124° Sternzeit 8h16min						125° Sternzeit 8h20min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
199.53	185.56	165.57	121.75	63.09	35.11	64	200.10	186.19	166.33	122.72	63.76	35.66
199.94	185.47	165.00	121.75	64.55	36.06	63	200.52	186.12	165.78	122.72	65.24	36.63
200.33	185.38	164.45	121.75	65.95	37.00	62	200.93	186.03	165.24	122.72	66.65	37.58
200.72	185.28	163.92	121.75	67.28	37.92	61	201.32	185.94	164.72	122.72	68.00	38.51
201.09	185.17	163.39	121.75	68.56	38.82	60	201.71	185.85	164.20	122.72	69.28	39.42
201.46	185.06	162.88	121.75	69.77	39.69	59	202.08	185.75	163.70	122.72	70.51	40.31
201.81	184.94	162.38	121.75	70.93	40.55	58	202.45	185.64	163.21	122.72	71.68	41.18
202.15	184.82	161.89	121.75	72.04	41.39	57	202.80	185.53	162.73	122.72	72.80	42.03
202.49	184.70	161.42	121.75	73.09	42.21	56	203.15	185.42	162.27	122.72	73.86	42.86
202.82	184.58	160.96	121.75	74.10	43.01	55	203.49	185.31	161.81	122.72	74.88	43.67
203.14	184.45	160.51	121.75	75.07	43.80	54	203.82	185.19	161.37	122.72	75.86	44.47
203.46	184.33	160.07	121.75	75.99	44.56	53	204.14	185.08	160.94	122.72	76.78	45.24
203.77	184.20	159.65	121.75	76.87	45.31	52	204.46	184.96	160.53	122.72	77.67	46.00
204.07	184.07	159.24	121.75	77.71	46.04	51	204.77	184.84	160.12	122.72	78.52	46.74
204.36	183.95	158.84	121.75	78.51	46.75	50	205.08	184.73	159.73	122.72	79.33	47.46
204.65	183.82	158.45	121.75	79.28	47.45	49	205.38	184.61	159.35	122.72	80.10	48.17
204.94	183.70	158.08	121.75	80.01	48.13	48	205.67	184.49	158.98	122.72	80.85	48.86
205.22	183.57	157.72	121.75	80.72	48.80	47	205.96	184.38	158.63	122.72	81.56	49.53
205.49	183.45	157.37	121.75	81.39	49.45	46	206.24	184.26	158.28	122.72	82.23	50.19
205.77	183.33	157.03	121.75	82.03	50.08	45	206.52	184.15	157.95	122.72	82.88	50.84
206.03	183.22	156.70	121.75	82.65	50.70	44	206.79	184.04	157.62	122.72	83.50	51.46
206.30	183.10	156.38	121.75	83.24	51.31	43	207.06	183.94	157.31	122.72	84.10	52.07
206.55	182.99	156.08	121.75	83.81	51.90	42	207.33	183.83	157.01	122.72	84.67	52.67
206.81	182.89	155.78	121.75	84.35	52.47	41	207.59	183.73	156.72	122.72	85.22	53.25
207.06	182.78	155.50	121.75	84.87	53.04	40	207.85	183.64	156.44	122.72	85.74	53.82
207.31	182.68	155.22	121.75	85.37	53.58	39	208.11	183.54	156.17	122.72	86.24	54.38
207.56	182.59	154.96	121.75	85.84	54.12	38	208.36	183.45	155.91	122.72	86.72	54.92
207.80	182.49	154.70	121.75	86.30	54.64	37	208.61	183.37	155.65	122.72	87.18	55.44
208.05	182.41	154.46	121.75	86.74	55.15	36	208.86	183.29	155.41	122.72	87.62	55.96
208.28	182.32	154.23	121.75	87.16	55.64	35	209.11	183.21	155.18	122.72	88.04	56.46
208.52	182.25	154.00	121.75	87.56	56.12	34	209.35	183.14	154.96	122.72	88.45	56.95
208.76	182.17	153.79	121.75	87.94	56.59	33	209.59	183.07	154.75	122.72	88.84	57.42
208.99	182.10	153.58	121.75	88.31	57.05	32	209.83	183.01	154.54	122.72	89.21	57.89
209.22	182.04	153.38	121.75	88.67	57.50	31	210.07	182.95	154.35	122.72	89.57	58.34
209.45	181.98	153.19	121.75	89.01	57.93	30	210.31	182.90	154.16	122.72	89.91	58.78
209.68	181.93	153.01	121.75	89.33	58.35	29	210.54	182.85	153.98	122.72	90.24	59.20
209.91	181.89	152.84	121.75	89.65	58.76	28	210.78	182.81	153.81	122.72	90.55	59.62
210.13	181.85	152.68	121.75	89.96	59.16	27	211.01	182.77	153.65	122.72	90.85	60.03
210.36	181.81	152.53	121.75	90.23	59.55	26	211.24	182.75	153.50	122.72	91.14	60.42
210.58	181.79	152.38	121.75	90.50	59.93	25	211.47	182.72	153.36	122.72	91.41	60.80
210.81	181.76	152.24	121.75	90.76	60.30	24	211.70	182.71	153.22	122.72	91.68	61.18
211.03	181.75	152.11	121.75	91.02	60.66	23	211.93	182.70	153.09	122.72	91.93	61.54
211.25	181.74	151.99	121.75	91.25	61.01	22	212.16	182.69	152.97	122.72	92.17	61.89
211.48	181.74	151.88	121.75	91.48	61.35	21	212.39	182.70	152.86	122.72	92.40	62.24
211.70	181.75	151.77	121.75	91.70	61.68	20	212.62	182.71	152.76	122.72	92.62	62.57
211.92	181.76	151.67	121.75	91.91	62.00	19	212.84	182.73	152.66	122.72	92.83	62.90
212.15	181.78	151.58	121.75	92.11	62.31	18	213.07	182.75	152.57	122.72	93.03	63.21
212.37	181.81	151.50	121.75	92.30	62.61	17	213.30	182.78	152.49	122.72	93.22	63.52
212.59	181.84	151.43	121.75	92.48	62.90	16	213.53	182.82	152.42	122.72	93.41	63.82
212.82	181.89	151.36	121.75	92.65	63.19	15	213.76	182.87	152.35	122.72	93.58	64.10
213.04	181.94	151.30	121.75	92.82	63.47	14	213.99	182.93	152.30	122.72	93.74	64.39
213.26	182.00	151.25	121.75	92.97	63.73	13	214.22	182.99	152.24	122.72	93.90	64.66
213.49	182.07	151.20	121.75	93.12	63.99	12	214.45	183.06	152.20	122.72	94.05	64.92
213.72	182.14	151.17	121.75	93.26	64.25	11	214.68	183.14	152.17	122.72	94.19	65.18
213.95	182.23	151.14	121.75	93.39	64.49	10	214.92	183.23	152.14	122.72	94.32	65.43
214.18	182.32	151.11	121.75	93.51	64.73	9	215.15	183.33	152.12	122.72	94.45	65.67
214.41	182.42	151.10	121.75	93.63	64.96	8	215.39	183.44	152.10	122.72	94.57	65.90
214.64	182.53	151.09	121.75	93.74	65.18	7	215.63	183.55	152.10	122.72	94.68	66.13
214.87	182.65	151.09	121.75	93.84	65.40	6	215.87	183.68	152.10	122.72	94.78	66.35
215.11	182.78	151.10	121.75	93.93	65.61	5	216.11	183.81	152.11	122.72	94.88	66.57
215.35	182.92	151.12	121.75	94.02	65.81	4	216.35	183.95	152.13	122.72	94.97	66.78
215.59	183.07	151.14	121.75	94.11	66.01	3	216.60	184.11	152.15	122.72	95.05	66.98
215.83	183.23	151.18	121.75	94.18	66.20	2	216.85	184.27	152.19	122.72	95.13	67.17
216.08	183.40	151.22	121.75	94.25	66.39	1	217.10	184.45	152.23	122.72	95.20	67.36
216.32	183.58	151.26	121.75	94.32	66.57	0	217.35	184.63	152.28	122.72	95.27	67.55

126° Sternzeit 8h24min						127° Sternzeit 8h28min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
200.67	186.82	167.10	123.68	64.43	36.21	64	201.24	187.46	167.86	124.66	65.09	36.76
201.10	186.76	166.56	123.68	65.92	37.20	63	201.68	187.41	167.34	124.66	66.60	37.76
201.52	186.69	166.03	123.68	67.35	38.16	62	202.11	187.35	166.82	124.66	68.05	38.74
201.93	186.61	165.52	123.68	68.71	39.10	61	202.53	187.28	166.32	124.66	69.42	39.69
202.32	186.53	165.01	123.68	70.01	40.03	60	202.94	187.21	165.83	124.66	70.73	40.63
202.71	186.44	164.52	123.68	71.25	40.93	59	203.34	187.13	165.35	124.66	71.99	41.54
203.08	186.35	164.04	123.68	72.43	41.81	58	203.72	187.05	164.88	124.66	73.18	42.43
203.45	186.25	163.57	123.68	73.56	42.67	57	204.10	186.96	164.42	124.66	74.32	43.31
203.81	186.15	163.12	123.68	74.64	43.51	56	204.47	186.87	163.97	124.66	75.41	44.16
204.16	186.04	162.67	123.68	75.66	44.33	55	204.82	186.78	163.53	124.66	76.45	44.99
204.50	185.94	162.24	123.68	76.65	45.14	54	205.17	186.68	163.11	124.66	77.44	45.81
204.83	185.83	161.82	123.68	77.58	45.92	53	205.52	186.58	162.69	124.66	78.38	46.60
205.16	185.72	161.41	123.68	78.48	46.69	52	205.85	186.49	162.29	124.66	79.28	47.38
205.48	185.61	161.01	123.68	79.33	47.44	51	206.18	186.39	161.90	124.66	80.15	48.14
205.79	185.51	160.63	123.68	80.15	48.17	50	206.50	186.29	161.52	124.66	80.97	48.88
206.10	185.40	160.25	123.68	80.93	48.89	49	206.82	186.19	161.15	124.66	81.76	49.60
206.40	185.29	159.89	123.68	81.68	49.59	48	207.13	186.09	160.80	124.66	82.51	50.31
206.69	185.18	159.54	123.68	82.39	50.27	47	207.43	185.99	160.45	124.66	83.23	51.00
206.99	185.08	159.20	123.68	83.08	50.93	46	207.73	185.89	160.11	124.66	83.92	51.68
207.27	184.97	158.87	123.68	83.73	51.59	45	208.03	185.79	159.79	124.66	84.58	52.33
207.55	184.87	158.55	123.68	84.36	52.22	44	208.32	185.70	159.48	124.66	85.21	52.98
207.83	184.77	158.24	123.68	84.96	52.84	43	208.60	185.61	159.17	124.66	85.82	53.60
208.11	184.67	157.94	123.68	85.53	53.44	42	208.88	185.52	158.88	124.66	86.40	54.21
208.38	184.58	157.66	123.68	86.08	54.03	41	209.16	185.43	158.59	124.66	86.95	54.81
208.64	184.49	157.38	123.68	86.61	54.61	40	209.43	185.35	158.32	124.66	87.48	55.39
208.91	184.40	157.11	123.68	87.11	55.17	39	209.70	185.26	158.06	124.66	87.99	55.96
209.17	184.32	156.85	123.68	87.60	55.72	38	209.97	185.19	157.80	124.66	88.48	56.51
209.43	184.24	156.61	123.68	88.06	56.25	37	210.24	185.11	157.56	124.66	88.94	57.05
209.68	184.16	156.37	123.68	88.51	56.77	36	210.50	185.04	157.32	124.66	89.39	57.58
209.93	184.09	156.14	123.68	88.93	57.28	35	210.76	184.98	157.10	124.66	89.82	58.09
210.18	184.03	155.92	123.68	89.34	57.77	34	211.01	184.92	156.88	124.66	90.23	58.59
210.43	183.97	155.71	123.68	89.73	58.25	33	211.27	184.86	156.67	124.66	90.62	59.08
210.68	183.91	155.51	123.68	90.11	58.72	32	211.52	184.81	156.48	124.66	91.00	59.55
210.92	183.86	155.32	123.68	90.46	59.18	31	211.77	184.76	156.29	124.66	91.36	60.02
211.16	183.81	155.13	123.68	90.81	59.62	30	212.02	184.72	156.10	124.66	91.71	60.47
211.40	183.77	154.96	123.68	91.14	60.05	29	212.27	184.69	155.93	124.66	92.04	60.90
211.64	183.73	154.79	123.68	91.46	60.48	28	212.51	184.66	155.77	124.66	92.36	61.33
211.88	183.70	154.63	123.68	91.76	60.89	27	212.76	184.63	155.61	124.66	92.67	61.75
212.12	183.68	154.48	123.68	92.05	61.29	26	213.00	184.61	155.46	124.66	92.96	62.15
212.36	183.66	154.34	123.68	92.33	61.68	25	213.24	184.60	155.32	124.66	93.24	62.55
212.59	183.65	154.21	123.68	92.59	62.05	24	213.48	184.59	155.19	124.66	93.51	62.93
212.83	183.65	154.08	123.68	92.85	62.42	23	213.72	184.59	155.07	124.66	93.76	63.30
213.06	183.65	153.96	123.68	93.09	62.78	22	213.96	184.60	154.95	124.66	94.01	63.66
213.30	183.66	153.85	123.68	93.32	63.13	21	214.20	184.61	154.84	124.66	94.24	64.02
213.53	183.67	153.75	123.68	93.54	63.47	20	214.44	184.63	154.74	124.66	94.47	64.36
213.76	183.69	153.65	123.68	93.76	63.79	19	214.68	184.66	154.65	124.66	94.68	64.69
214.00	183.72	153.57	123.68	93.96	64.11	18	214.92	184.69	154.56	124.66	94.88	65.02
214.23	183.76	153.49	123.68	94.15	64.43	17	215.16	184.74	154.48	124.66	95.08	65.33
214.47	183.80	153.42	123.68	94.33	64.73	16	215.40	184.78	154.41	124.66	95.26	65.64
214.70	183.86	153.35	123.68	94.51	65.02	15	215.64	184.84	154.35	124.66	95.44	65.93
214.94	183.92	153.29	123.68	94.68	65.31	14	215.88	184.90	154.29	124.66	95.61	66.22
215.17	183.98	153.24	123.68	94.83	65.58	13	216.12	184.98	154.25	124.66	95.77	66.50
215.41	184.06	153.20	123.68	94.98	65.85	12	216.37	185.06	154.21	124.66	95.92	66.78
215.65	184.14	153.17	123.68	95.13	66.11	11	216.61	185.15	154.17	124.66	96.06	67.04
215.89	184.24	153.14	123.68	95.26	66.36	10	216.86	185.24	154.15	124.66	96.20	67.30
216.13	184.34	153.12	123.68	95.39	66.61	9	217.10	185.35	154.13	124.66	96.33	67.55
216.37	184.45	153.11	123.68	95.51	66.85	8	217.35	185.46	154.12	124.66	96.45	67.79
216.61	184.57	153.11	123.68	95.62	67.08	7	217.60	185.59	154.12	124.66	96.56	68.03
216.86	184.70	153.11	123.68	95.72	67.31	6	217.85	185.72	154.12	124.66	96.67	68.26
217.11	184.84	153.12	123.68	95.82	67.52	5	218.10	185.86	154.13	124.66	96.77	68.48
217.36	184.99	153.14	123.68	95.91	67.74	4	218.36	186.02	154.15	124.66	96.86	68.69
217.61	185.14	153.17	123.68	96.00	67.94	3	218.61	186.18	154.18	124.66	96.95	68.90
217.86	185.31	153.20	123.68	96.08	68.14	2	218.87	186.35	154.22	124.66	97.03	69.11
218.12	185.49	153.24	123.68	96.15	68.33	1	219.13	186.53	154.26	124.66	97.10	69.31
218.38	185.68	153.29	123.68	96.22	68.52	0	219.40	186.73	154.31	124.66	97.17	69.50

128° Sternzeit 8h32min						129° Sternzeit 8h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
201.81	188.09	168.63	125.63	65.76	37.31	64	202.37	188.72	169.40	126.61	66.42	37.86
202.26	188.05	168.12	125.63	67.28	38.33	63	202.84	188.69	168.90	126.61	67.97	38.89
202.71	188.00	167.62	125.63	68.74	39.32	62	203.30	188.66	168.41	126.61	69.44	39.89
203.14	187.95	167.13	125.63	70.13	40.28	61	203.74	188.62	167.93	126.61	70.85	40.87
203.56	187.89	166.64	125.63	71.46	41.23	60	204.17	188.57	167.46	126.61	72.19	41.83
203.96	187.82	166.17	125.63	72.73	42.16	59	204.59	188.52	167.00	126.61	73.46	42.77
204.36	187.75	165.71	125.63	73.93	43.06	58	205.00	188.46	166.55	126.61	74.68	43.68
204.75	187.68	165.26	125.63	75.08	43.94	57	205.39	188.39	166.11	126.61	75.84	44.58
205.12	187.60	164.82	125.63	76.18	44.81	56	205.78	188.32	165.68	126.61	76.95	45.45
205.49	187.51	164.39	125.63	77.23	45.65	55	206.16	188.25	165.26	126.61	78.01	46.31
205.85	187.43	163.98	125.63	78.23	46.48	54	206.53	188.17	164.85	126.61	79.02	47.14
206.20	187.34	163.57	125.63	79.18	47.28	53	206.89	188.09	164.45	126.61	79.98	47.96
206.55	187.25	163.18	125.63	80.09	48.07	52	207.24	188.01	164.06	126.61	80.90	48.75
206.88	187.16	162.79	125.63	80.96	48.84	51	207.59	187.93	163.68	126.61	81.78	49.53
207.21	187.07	162.42	125.63	81.79	49.59	50	207.93	187.85	163.32	126.61	82.62	50.29
207.54	186.97	162.06	125.63	82.59	50.32	49	208.26	187.76	162.96	126.61	83.42	51.03
207.86	186.88	161.70	125.63	83.35	51.04	48	208.59	187.68	162.61	126.61	84.18	51.76
208.17	186.79	161.36	125.63	84.07	51.73	47	208.91	187.60	162.28	126.61	84.92	52.47
208.48	186.70	161.03	125.63	84.77	52.42	46	209.22	187.52	161.95	126.61	85.62	53.16
208.78	186.61	160.71	125.63	85.43	53.08	45	209.53	187.43	161.64	126.61	86.29	53.83
209.08	186.53	160.40	125.63	86.07	53.73	44	209.84	187.35	161.33	126.61	86.93	54.49
209.37	186.44	160.10	125.63	86.68	54.37	43	210.14	187.28	161.04	126.61	87.54	55.13
209.66	186.36	159.82	125.63	87.26	54.99	42	210.43	187.20	160.75	126.61	88.13	55.76
209.94	186.28	159.54	125.63	87.82	55.59	41	210.72	187.13	160.48	126.61	88.69	56.37
210.22	186.20	159.27	125.63	88.35	56.18	40	211.01	187.06	160.21	126.61	89.23	56.96
210.50	186.13	159.01	125.63	88.87	56.75	39	211.30	186.99	159.96	126.61	89.74	57.54
210.77	186.06	158.76	125.63	89.36	57.31	38	211.58	186.92	159.71	126.61	90.24	58.11
211.05	185.99	158.51	125.63	89.83	57.86	37	211.85	186.86	159.47	126.61	90.71	58.66
211.31	185.93	158.28	125.63	90.28	58.39	36	212.13	186.81	159.24	126.61	91.17	59.20
211.58	185.87	158.06	125.63	90.71	58.91	35	212.40	186.75	159.02	126.61	91.60	59.72
211.84	185.81	157.85	125.63	91.12	59.41	34	212.67	186.70	158.81	126.61	92.02	60.24
212.10	185.76	157.64	125.63	91.52	59.91	33	212.94	186.66	158.61	126.61	92.42	60.73
212.36	185.71	157.44	125.63	91.90	60.39	32	213.20	186.62	158.42	126.61	92.80	61.22
212.62	185.67	157.26	125.63	92.26	60.86	31	213.46	186.58	158.23	126.61	93.17	61.69
212.87	185.64	157.08	125.63	92.61	61.31	30	213.73	186.55	158.05	126.61	93.52	62.15
213.13	185.61	156.91	125.63	92.95	61.75	29	213.98	186.53	157.89	126.61	93.86	62.60
213.38	185.58	156.75	125.63	93.27	62.19	28	214.24	186.51	157.73	126.61	94.18	63.04
213.63	185.56	156.59	125.63	93.58	62.61	27	214.50	186.49	157.57	126.61	94.49	63.47
213.88	185.55	156.45	125.63	93.87	63.02	26	214.75	186.48	157.43	126.61	94.78	63.88
214.12	185.54	156.31	125.63	94.15	63.41	25	215.01	186.48	157.29	126.61	95.07	64.28
214.37	185.54	156.18	125.63	94.42	63.80	24	215.26	186.48	157.17	126.61	95.34	64.68
214.62	185.54	156.05	125.63	94.68	64.18	23	215.51	186.49	157.05	126.61	95.60	65.06
214.86	185.55	155.94	125.63	94.93	64.55	22	215.76	186.51	156.93	126.61	95.85	65.43
215.11	185.57	155.83	125.63	95.16	64.90	21	216.01	186.53	156.83	126.61	96.09	65.79
215.35	185.60	155.73	125.63	95.39	65.25	20	216.27	186.56	156.73	126.61	96.31	66.14
215.60	185.63	155.64	125.63	95.60	65.59	19	216.52	186.59	156.64	126.61	96.53	66.48
215.84	185.67	155.56	125.63	95.81	65.92	18	216.77	186.64	156.56	126.61	96.74	66.82
216.09	185.71	155.48	125.63	96.01	66.24	17	217.02	186.69	156.48	126.61	96.94	67.14
216.34	185.76	155.41	125.63	96.19	66.55	16	217.27	186.74	156.42	126.61	97.12	67.45
216.58	185.82	155.35	125.63	96.37	66.85	15	217.52	186.81	156.36	126.61	97.30	67.76
216.83	185.89	155.30	125.63	96.54	67.14	14	217.77	186.88	156.30	126.61	97.48	68.06
217.07	185.97	155.25	125.63	96.70	67.43	13	218.02	186.96	156.26	126.61	97.64	68.35
217.32	186.05	155.21	125.63	96.85	67.70	12	218.28	187.05	156.22	126.61	97.79	68.63
217.57	186.15	155.18	125.63	97.00	67.97	11	218.53	187.15	156.19	126.61	97.94	68.90
217.82	186.25	155.16	125.63	97.14	68.23	10	218.79	187.25	156.17	126.61	98.08	69.17
218.07	186.36	155.14	125.63	97.27	68.49	9	219.04	187.37	156.15	126.61	98.21	69.42
218.33	186.48	155.13	125.63	97.39	68.73	8	219.30	187.49	156.14	126.61	98.33	69.67
218.58	186.61	155.13	125.63	97.50	68.97	7	219.56	187.62	156.14	126.61	98.45	69.92
218.84	186.74	155.13	125.63	97.61	69.21	6	219.82	187.76	156.15	126.61	98.56	70.15
219.09	186.89	155.15	125.63	97.71	69.43	5	220.08	187.91	156.16	126.61	98.66	70.38
219.35	187.05	155.17	125.63	97.81	69.65	4	220.35	188.08	156.19	126.61	98.76	70.61
219.62	187.21	155.20	125.63	97.90	69.86	3	220.62	188.25	156.22	126.61	98.85	70.82
219.88	187.39	155.23	125.63	97.98	70.07	2	220.89	188.43	156.26	126.61	98.93	71.04
220.15	187.58	155.28	125.63	98.06	70.27	1	221.16	188.62	156.30	126.61	99.01	71.24
220.42	187.77	155.33	125.63	98.13	70.47	0	221.43	188.82	156.36	126.61	99.08	71.44

130° Sternzeit 8h40min						131° Sternzeit 8h44min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
202.94	189.35	170.17	127.59	67.08	38.41	64	203.51	189.98	170.94	128.57	67.74	38.95
203.42	189.34	169.68	127.59	68.64	39.45	63	204.00	189.99	170.46	128.57	69.32	40.01
203.89	189.32	169.20	127.59	70.14	40.46	62	204.48	189.98	170.00	128.57	70.83	41.04
204.34	189.29	168.74	127.59	71.56	41.46	61	204.95	189.96	169.54	128.57	72.27	42.04
204.79	189.26	168.28	127.59	72.91	42.43	60	205.40	189.94	169.09	128.57	73.63	43.03
205.21	189.21	167.83	127.59	74.20	43.38	59	205.84	189.91	168.65	128.57	74.94	43.99
205.63	189.16	167.39	127.59	75.43	44.31	58	206.27	189.87	168.22	128.57	76.18	44.93
206.04	189.11	166.95	127.59	76.61	45.21	57	206.69	189.82	167.80	128.57	77.37	45.85
206.44	189.05	166.53	127.59	77.72	46.10	56	207.09	189.77	167.39	128.57	78.50	46.74
206.83	188.98	166.12	127.59	78.79	46.96	55	207.49	189.72	166.99	128.57	79.57	47.62
207.20	188.92	165.72	127.59	79.81	47.81	54	207.88	189.67	166.59	128.57	80.60	48.48
207.57	188.85	165.33	127.59	80.78	48.64	53	208.26	189.61	166.21	128.57	81.58	49.31
207.94	188.78	164.95	127.59	81.71	49.44	52	208.63	189.54	165.84	128.57	82.52	50.13
208.29	188.70	164.58	127.59	82.59	50.23	51	209.00	189.48	165.47	128.57	83.41	50.92
208.64	188.63	164.22	127.59	83.44	51.00	50	209.35	189.41	165.12	128.57	84.26	51.70
208.98	188.56	163.87	127.59	84.25	51.75	49	209.70	189.35	164.77	128.57	85.08	52.46
209.31	188.48	163.53	127.59	85.02	52.48	48	210.04	189.28	164.44	128.57	85.86	53.20
209.64	188.40	163.20	127.59	85.76	53.20	47	210.38	189.21	164.12	128.57	86.60	53.93
209.97	188.33	162.88	127.59	86.46	53.90	46	210.71	189.15	163.80	128.57	87.31	54.63
210.28	188.26	162.57	127.59	87.14	54.58	45	211.04	189.08	163.50	128.57	87.99	55.32
210.60	188.18	162.27	127.59	87.79	55.24	44	211.36	189.01	163.20	128.57	88.65	56.00
210.90	188.11	161.98	127.59	88.40	55.89	43	211.67	188.95	162.91	128.57	89.27	56.65
211.21	188.04	161.69	127.59	89.00	56.53	42	211.98	188.89	162.64	128.57	89.86	57.29
211.51	187.98	161.42	127.59	89.56	57.14	41	212.29	188.83	162.37	128.57	90.43	57.92
211.80	187.91	161.16	127.59	90.10	57.75	40	212.59	188.77	162.11	128.57	90.98	58.53
212.09	187.85	160.91	127.59	90.62	58.33	39	212.89	188.72	161.86	128.57	91.50	59.12
212.38	187.79	160.66	127.59	91.12	58.91	38	213.18	188.66	161.62	128.57	92.01	59.70
212.66	187.74	160.43	127.59	91.60	59.46	37	213.47	188.62	161.39	128.57	92.49	60.27
212.94	187.69	160.20	127.59	92.06	60.01	36	213.76	188.57	161.17	128.57	92.95	60.82
213.22	187.64	159.99	127.59	92.49	60.54	35	214.04	188.53	160.96	128.57	93.39	61.35
213.50	187.60	159.78	127.59	92.91	61.06	34	214.33	188.49	160.75	128.57	93.81	61.88
213.77	187.56	159.58	127.59	93.32	61.56	33	214.61	188.46	160.55	128.57	94.21	62.39
214.04	187.52	159.39	127.59	93.70	62.05	32	214.88	188.43	160.37	128.57	94.60	62.88
214.31	187.49	159.21	127.59	94.07	62.53	31	215.16	188.40	160.19	128.57	94.98	63.37
214.58	187.47	159.03	127.59	94.42	63.00	30	215.43	188.38	160.01	128.57	95.33	63.84
214.84	187.45	158.87	127.59	94.76	63.45	29	215.70	188.37	159.85	128.57	95.67	64.30
215.11	187.43	158.71	127.59	95.09	63.89	28	215.97	188.36	159.69	128.57	96.00	64.75
215.37	187.42	158.56	127.59	95.40	64.32	27	216.24	188.35	159.55	128.57	96.31	65.18
215.63	187.42	158.42	127.59	95.70	64.74	26	216.50	188.35	159.41	128.57	96.62	65.61
215.89	187.42	158.28	127.59	95.98	65.15	25	216.77	188.36	159.27	128.57	96.90	66.02
216.15	187.43	158.16	127.59	96.26	65.55	24	217.03	188.37	159.15	128.57	97.18	66.42
216.41	187.44	158.04	127.59	96.52	65.93	23	217.30	188.39	159.03	128.57	97.44	66.81
216.66	187.46	157.93	127.59	96.77	66.31	22	217.56	188.41	158.92	128.57	97.69	67.19
216.92	187.49	157.82	127.59	97.01	66.68	21	217.82	188.45	158.82	128.57	97.94	67.56
217.17	187.52	157.73	127.59	97.24	67.03	20	218.08	188.48	158.73	128.57	98.17	67.92
217.43	187.56	157.64	127.59	97.46	67.38	19	218.34	188.53	158.64	128.57	98.39	68.27
217.69	187.61	157.56	127.59	97.67	67.72	18	218.61	188.58	158.56	128.57	98.60	68.61
217.94	187.66	157.49	127.59	97.87	68.04	17	218.87	188.64	158.49	128.57	98.80	68.95
218.20	187.72	157.42	127.59	98.06	68.36	16	219.13	188.70	158.43	128.57	98.99	69.27
218.45	187.79	157.36	127.59	98.24	68.67	15	219.39	188.78	158.37	128.57	99.17	69.58
218.71	187.87	157.31	127.59	98.41	68.97	14	219.65	188.86	158.32	128.57	99.35	69.89
218.97	187.95	157.27	127.59	98.57	69.27	13	219.91	188.95	158.28	128.57	99.51	70.19
219.23	188.05	157.23	127.59	98.73	69.55	12	220.18	189.04	158.24	128.57	99.67	70.47
219.49	188.15	157.20	127.59	98.88	69.83	11	220.44	189.15	158.21	128.57	99.82	70.75
219.75	188.26	157.18	127.59	99.02	70.10	10	220.71	189.26	158.19	128.57	99.96	71.03
220.01	188.38	157.16	127.59	99.15	70.36	9	220.97	189.38	158.18	128.57	100.10	71.29
220.27	188.50	157.16	127.59	99.28	70.61	8	221.24	189.52	158.18	128.57	100.22	71.55
220.54	188.64	157.16	127.59	99.39	70.86	7	221.51	189.65	158.18	128.57	100.34	71.80
220.80	188.78	157.17	127.59	99.51	71.10	6	221.78	189.80	158.19	128.57	100.45	72.05
221.07	188.94	157.18	127.59	99.61	71.33	5	222.06	189.96	158.20	128.57	100.56	72.28
221.34	189.10	157.21	127.59	99.71	71.56	4	222.33	190.13	158.23	128.57	100.66	72.51
221.61	189.28	157.24	127.59	99.80	71.78	3	222.61	190.31	158.26	128.57	100.75	72.74
221.89	189.46	157.28	127.59	99.89	72.00	2	222.89	190.50	158.30	128.57	100.84	72.96
222.17	189.66	157.32	127.59	99.96	72.21	1	223.17	190.70	158.35	128.57	100.92	73.17
222.45	189.86	157.38	127.59	100.04	72.41	0	223.46	190.91	158.41	128.57	100.99	73.38

132° Sternzeit 8h48min						133° Sternzeit 8h52min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
204.07	190.62	171.71	129.56	68.40	39.50	64	204.64	191.25	172.48	130.55	69.06	40.04
204.58	190.63	171.25	129.56	70.00	40.56	63	205.16	191.28	172.03	130.55	70.68	41.12
205.07	190.64	170.80	129.56	71.52	41.61	62	205.66	191.30	171.59	130.55	72.22	42.18
205.55	190.63	170.35	129.56	72.98	42.63	61	206.15	191.31	171.16	130.55	73.69	43.21
206.01	190.62	169.91	129.56	74.36	43.62	60	206.63	191.31	170.73	130.55	75.08	44.22
206.47	190.60	169.48	129.56	75.68	44.60	59	207.09	191.30	170.32	130.55	76.42	45.21
206.91	190.57	169.06	129.56	76.93	45.55	58	207.54	191.28	169.90	130.55	77.68	46.17
207.33	190.54	168.65	129.56	78.13	46.48	57	207.98	191.26	169.50	130.55	78.89	47.11
207.75	190.50	168.25	129.56	79.27	47.39	56	208.41	191.23	169.11	130.55	80.04	48.03
208.16	190.46	167.85	129.56	80.36	48.27	55	208.82	191.20	168.72	130.55	81.14	48.93
208.56	190.41	167.47	129.56	81.40	49.14	54	209.23	191.16	168.34	130.55	82.19	49.80
208.95	190.36	167.09	129.56	82.38	49.99	53	209.63	191.12	167.98	130.55	83.19	50.66
209.33	190.31	166.73	129.56	83.33	50.81	52	210.02	191.08	167.62	130.55	84.14	51.50
209.70	190.25	166.37	129.56	84.23	51.62	51	210.40	191.03	167.27	130.55	85.05	52.31
210.06	190.20	166.02	129.56	85.09	52.41	50	210.77	190.98	166.93	130.55	85.92	53.11
210.42	190.14	165.68	129.56	85.91	53.18	49	211.14	190.93	166.59	130.55	86.75	53.89
210.77	190.08	165.35	129.56	86.70	53.93	48	211.50	190.88	166.27	130.55	87.54	54.65
211.12	190.02	165.04	129.56	87.45	54.66	47	211.85	190.83	165.96	130.55	88.29	55.39
211.45	189.96	164.73	129.56	88.16	55.37	46	212.20	190.78	165.65	130.55	89.02	56.11
211.79	189.90	164.43	129.56	88.85	56.07	45	212.54	190.73	165.36	130.55	89.71	56.82
212.12	189.84	164.13	129.56	89.51	56.75	44	212.87	190.68	165.07	130.55	90.37	57.50
212.44	189.79	163.85	129.56	90.13	57.42	43	213.20	190.63	164.79	130.55	91.00	58.18
212.76	189.73	163.58	129.56	90.73	58.06	42	213.53	190.58	164.53	130.55	91.61	58.83
213.07	189.68	163.32	129.56	91.31	58.70	41	213.85	190.53	164.27	130.55	92.18	59.47
213.38	189.63	163.06	129.56	91.86	59.31	40	214.16	190.49	164.02	130.55	92.74	60.09
213.68	189.58	162.82	129.56	92.39	59.91	39	214.48	190.44	163.78	130.55	93.27	60.70
213.98	189.53	162.58	129.56	92.89	60.50	38	214.78	190.41	163.54	130.55	93.78	61.29
214.28	189.49	162.35	129.56	93.38	61.07	37	215.09	190.37	163.32	130.55	94.27	61.87
214.57	189.45	162.13	129.56	93.84	61.63	36	215.39	190.33	163.10	130.55	94.73	62.43
214.87	189.42	161.92	129.56	94.28	62.17	35	215.69	190.30	162.89	130.55	95.18	62.98
215.15	189.38	161.72	129.56	94.71	62.70	34	215.98	190.28	162.70	130.55	95.61	63.52
215.44	189.36	161.53	129.56	95.12	63.21	33	216.27	190.26	162.50	130.55	96.02	64.04
215.72	189.33	161.34	129.56	95.51	63.72	32	216.56	190.24	162.32	130.55	96.41	64.55
216.00	189.31	161.17	129.56	95.88	64.21	31	216.85	190.22	162.15	130.55	96.79	65.04
216.28	189.30	161.00	129.56	96.24	64.68	30	217.13	190.21	161.98	130.55	97.15	65.52
216.56	189.29	160.83	129.56	96.58	65.15	29	217.41	190.21	161.82	130.55	97.50	65.99
216.83	189.28	160.68	129.56	96.91	65.60	28	217.70	190.21	161.67	130.55	97.83	66.45
217.11	189.28	160.54	129.56	97.23	66.04	27	217.97	190.21	161.53	130.55	98.15	66.90
217.38	189.29	160.40	129.56	97.53	66.47	26	218.25	190.22	161.39	130.55	98.45	67.33
217.65	189.30	160.27	129.56	97.82	66.89	25	218.53	190.24	161.26	130.55	98.74	67.75
217.92	189.32	160.15	129.56	98.10	67.29	24	218.80	190.26	161.14	130.55	99.02	68.16
218.19	189.34	160.03	129.56	98.37	67.69	23	219.08	190.29	161.03	130.55	99.29	68.56
218.46	189.37	159.92	129.56	98.62	68.07	22	219.35	190.32	160.92	130.55	99.55	68.95
218.72	189.40	159.82	129.56	98.86	68.45	21	219.62	190.36	160.83	130.55	99.79	69.33
218.99	189.45	159.73	129.56	99.10	68.81	20	219.90	190.41	160.73	130.55	100.03	69.70
219.26	189.49	159.65	129.56	99.32	69.17	19	220.17	190.46	160.65	130.55	100.25	70.06
219.52	189.55	159.57	129.56	99.53	69.51	18	220.44	190.52	160.58	130.55	100.46	70.41
219.79	189.61	159.50	129.56	99.73	69.85	17	220.71	190.59	160.51	130.55	100.67	70.75
220.06	189.68	159.43	129.56	99.93	70.18	16	220.98	190.66	160.44	130.55	100.86	71.08
220.32	189.76	159.38	129.56	100.11	70.49	15	221.25	190.74	160.39	130.55	101.05	71.40
220.59	189.85	159.33	129.56	100.29	70.80	14	221.53	190.83	160.34	130.55	101.23	71.72
220.86	189.94	159.29	129.56	100.45	71.10	13	221.80	190.93	160.30	130.55	101.39	72.02
221.13	190.04	159.26	129.56	100.61	71.40	12	222.07	191.03	160.27	130.55	101.56	72.32
221.39	190.15	159.23	129.56	100.76	71.68	11	222.35	191.15	160.25	130.55	101.71	72.60
221.67	190.27	159.21	129.56	100.91	71.96	10	222.62	191.27	160.23	130.55	101.85	72.89
221.94	190.39	159.20	129.56	101.04	72.23	9	222.90	191.40	160.22	130.55	101.99	73.16
222.21	190.53	159.19	129.56	101.17	72.49	8	223.18	191.54	160.22	130.55	102.12	73.42
222.48	190.67	159.20	129.56	101.29	72.74	7	223.45	191.68	160.22	130.55	102.24	73.68
222.76	190.82	159.21	129.56	101.40	72.99	6	223.74	191.84	160.23	130.55	102.36	73.93
223.04	190.99	159.23	129.56	101.51	73.23	5	224.02	192.01	160.25	130.55	102.46	74.18
223.32	191.16	159.25	129.56	101.61	73.47	4	224.30	192.18	160.28	130.55	102.57	74.42
223.60	191.34	159.29	129.56	101.71	73.69	3	224.59	192.37	160.31	130.55	102.66	74.65
223.89	191.53	159.33	129.56	101.79	73.92	2	224.88	192.57	160.36	130.55	102.75	74.87
224.17	191.74	159.38	129.56	101.88	74.13	1	225.17	192.77	160.41	130.55	102.83	75.09
224.46	191.95	159.43	129.56	101.95	74.34	0	225.47	192.99	160.47	130.55	102.91	75.31

134° Sternzeit 8h56min						135° Sternzeit 9h 0min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
205.21	191.88	173.25	131.54	69.72	40.58	64	205.77	192.52	174.02	132.53	70.38	41.12
205.74	191.93	172.82	131.54	71.36	41.67	63	206.32	192.57	173.61	132.53	72.03	42.23
206.25	191.96	172.39	131.54	72.91	42.75	62	206.84	192.62	173.19	132.53	73.61	43.31
206.76	191.98	171.97	131.54	74.40	43.79	61	207.36	192.65	172.78	132.53	75.10	44.37
207.24	191.99	171.56	131.54	75.81	44.81	60	207.86	192.68	172.38	132.53	76.53	45.41
207.72	191.99	171.15	131.54	77.15	45.81	59	208.34	192.69	171.98	132.53	77.89	46.42
208.18	191.99	170.75	131.54	78.43	46.79	58	208.81	192.70	171.59	132.53	79.19	47.41
208.63	191.98	170.35	131.54	79.66	47.74	57	209.27	192.70	171.21	132.53	80.42	48.37
209.06	191.96	169.97	131.54	80.82	48.67	56	209.72	192.69	170.83	132.53	81.59	49.31
209.49	191.94	169.59	131.54	81.93	49.58	55	210.16	192.68	170.46	132.53	82.71	50.23
209.91	191.91	169.22	131.54	82.98	50.47	54	210.58	192.66	170.10	132.53	83.78	51.13
210.32	191.88	168.86	131.54	83.99	51.33	53	211.00	192.64	169.75	132.53	84.80	52.01
210.71	191.84	168.51	131.54	84.95	52.18	52	211.41	192.61	169.40	132.53	85.77	52.86
211.10	191.80	168.17	131.54	85.87	53.01	51	211.81	192.58	169.07	132.53	86.69	53.70
211.49	191.77	167.83	131.54	86.74	53.81	50	212.20	192.55	168.74	132.53	87.57	54.51
211.86	191.72	167.51	131.54	87.58	54.60	49	212.58	192.52	168.42	132.53	88.42	55.31
212.23	191.68	167.19	131.54	88.38	55.37	48	212.96	192.48	168.11	132.53	89.22	56.09
212.59	191.64	166.88	131.54	89.14	56.12	47	213.32	192.45	167.81	132.53	89.99	56.85
212.94	191.59	166.58	131.54	89.87	56.85	46	213.69	192.41	167.51	132.53	90.72	57.58
213.29	191.55	166.29	131.54	90.57	57.56	45	214.04	192.38	167.23	132.53	91.42	58.31
213.63	191.51	166.01	131.54	91.23	58.26	44	214.39	192.34	166.95	132.53	92.10	59.01
213.97	191.46	165.74	131.54	91.87	58.94	43	214.74	192.30	166.68	132.53	92.74	59.70
214.30	191.42	165.47	131.54	92.48	59.60	42	215.08	192.27	166.42	132.53	93.35	60.37
214.63	191.38	165.22	131.54	93.06	60.25	41	215.41	192.24	166.17	132.53	93.94	61.02
214.95	191.35	164.97	131.54	93.62	60.88	40	215.74	192.20	165.93	132.53	94.50	61.66
215.27	191.31	164.73	131.54	94.15	61.49	39	216.06	192.18	165.70	132.53	95.04	62.28
215.58	191.28	164.51	131.54	94.67	62.09	38	216.39	192.15	165.47	132.53	95.56	62.88
215.90	191.25	164.28	131.54	95.16	62.67	37	216.70	192.12	165.25	132.53	96.05	63.47
216.20	191.22	164.07	131.54	95.63	63.24	36	217.02	192.10	165.04	132.53	96.52	64.05
216.51	191.19	163.87	131.54	96.08	63.80	35	217.33	192.08	164.84	132.53	96.98	64.61
216.81	191.17	163.67	131.54	96.51	64.34	34	217.63	192.07	164.65	132.53	97.41	65.16
217.10	191.16	163.48	131.54	96.92	64.86	33	217.94	192.06	164.46	132.53	97.83	65.69
217.40	191.14	163.30	131.54	97.32	65.38	32	218.24	192.05	164.29	132.53	98.23	66.21
217.69	191.13	163.13	131.54	97.70	65.88	31	218.54	192.04	164.12	132.53	98.61	66.71
217.98	191.13	162.97	131.54	98.06	66.37	30	218.83	192.04	163.95	132.53	98.98	67.21
218.27	191.13	162.81	131.54	98.41	66.84	29	219.13	192.05	163.80	132.53	99.33	67.69
218.56	191.13	162.66	131.54	98.75	67.30	28	219.42	192.06	163.65	132.53	99.66	68.15
218.84	191.14	162.52	131.54	99.07	67.75	27	219.71	192.07	163.51	132.53	99.99	68.61
219.12	191.16	162.39	131.54	99.37	68.19	26	220.00	192.09	163.38	132.53	100.30	69.05
219.41	191.18	162.26	131.54	99.67	68.62	25	220.28	192.12	163.26	132.53	100.59	69.48
219.69	191.21	162.14	131.54	99.95	69.03	24	220.57	192.15	163.14	132.53	100.87	69.91
219.97	191.24	162.03	131.54	100.22	69.44	23	220.85	192.19	163.03	132.53	101.15	70.31
220.24	191.28	161.93	131.54	100.48	69.83	22	221.14	192.23	162.93	132.53	101.41	70.71
220.52	191.32	161.83	131.54	100.72	70.22	21	221.42	192.28	162.84	132.53	101.65	71.10
220.80	191.37	161.74	131.54	100.96	70.59	20	221.70	192.33	162.75	132.53	101.89	71.48
221.08	191.43	161.66	131.54	101.18	70.95	19	221.99	192.39	162.67	132.53	102.12	71.85
221.35	191.49	161.58	131.54	101.40	71.31	18	222.27	192.46	162.60	132.53	102.34	72.20
221.63	191.56	161.52	131.54	101.61	71.65	17	222.55	192.54	162.53	132.53	102.54	72.55
221.91	191.64	161.46	131.54	101.80	71.99	16	222.83	192.62	162.47	132.53	102.74	72.89
222.18	191.73	161.40	131.54	101.99	72.31	15	223.11	192.71	162.42	132.53	102.93	73.22
222.46	191.82	161.36	131.54	102.17	72.63	14	223.39	192.81	162.38	132.53	103.11	73.54
222.74	191.92	161.32	131.54	102.34	72.94	13	223.68	192.91	162.34	132.53	103.28	73.85
223.02	192.03	161.29	131.54	102.50	73.24	12	223.96	193.02	162.31	132.53	103.45	74.16
223.30	192.15	161.27	131.54	102.65	73.53	11	224.24	193.14	162.29	132.53	103.60	74.45
223.58	192.27	161.25	131.54	102.80	73.81	10	224.53	193.27	162.27	132.53	103.75	74.74
223.86	192.40	161.24	131.54	102.94	74.09	9	224.81	193.41	162.26	132.53	103.89	75.02
224.14	192.55	161.24	131.54	103.07	74.36	8	225.10	193.56	162.26	132.53	104.02	75.29
224.42	192.70	161.24	131.54	103.19	74.62	7	225.39	193.71	162.27	132.53	104.14	75.56
224.71	192.86	161.26	131.54	103.31	74.88	6	225.68	193.88	162.29	132.53	104.26	75.82
225.00	193.03	161.28	131.54	103.42	75.12	5	225.97	194.05	162.31	132.53	104.37	76.07
225.29	193.21	161.31	131.54	103.52	75.37	4	226.27	194.23	162.34	132.53	104.48	76.31
225.58	193.40	161.34	131.54	103.62	75.60	3	226.56	194.43	162.37	132.53	104.58	76.55
225.87	193.60	161.39	131.54	103.71	75.83	2	226.86	194.63	162.42	132.53	104.67	76.79
226.17	193.81	161.44	131.54	103.79	76.05	1	227.16	194.84	162.47	132.53	104.75	77.01
226.47	194.03	161.50	131.54	103.87	76.27	0	227.47	195.07	162.53	132.53	104.83	77.23

136° Sternzeit 9h 4min						137° Sternzeit 9h 8min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
206.34	193.15	174.80	133.53	71.03	41.65	64	206.90	193.79	175.57	134.53	71.69	42.19
206.89	193.22	174.39	133.53	72.71	42.78	63	207.47	193.87	175.18	134.53	73.38	43.33
207.43	193.28	173.99	133.53	74.30	43.88	62	208.02	193.94	174.79	134.53	74.99	44.44
207.96	193.33	173.59	133.53	75.81	44.95	61	208.56	194.00	174.41	134.53	76.52	45.53
208.47	193.36	173.20	133.53	77.26	46.00	60	209.08	194.05	174.03	134.53	77.98	46.59
208.97	193.39	172.81	133.53	78.63	47.02	59	209.59	194.08	173.65	134.53	79.37	47.63
209.45	193.40	172.43	133.53	79.94	48.02	58	210.08	194.11	173.28	134.53	80.69	48.64
209.92	193.41	172.06	133.53	81.18	49.00	57	210.56	194.13	172.91	134.53	81.95	49.63
210.38	193.42	171.69	133.53	82.37	49.95	56	211.03	194.15	172.56	134.53	83.15	50.59
210.82	193.41	171.33	133.53	83.50	50.88	55	211.49	194.16	172.20	134.53	84.29	51.53
211.26	193.41	170.98	133.53	84.57	51.79	54	211.93	194.16	171.86	134.53	85.37	52.45
211.69	193.39	170.63	133.53	85.60	52.68	53	212.37	194.15	171.52	134.53	86.41	53.35
212.10	193.38	170.30	133.53	86.58	53.55	52	212.80	194.15	171.19	134.53	87.39	54.23
212.51	193.36	169.97	133.53	87.51	54.39	51	213.21	194.14	170.87	134.53	88.34	55.08
212.91	193.34	169.65	133.53	88.40	55.22	50	213.62	194.12	170.56	134.53	89.23	55.92
213.30	193.31	169.33	133.53	89.25	56.02	49	214.02	194.11	170.25	134.53	90.09	56.73
213.68	193.29	169.03	133.53	90.06	56.81	48	214.41	194.09	169.95	134.53	90.91	57.53
214.06	193.26	168.73	133.53	90.84	57.57	47	214.80	194.07	169.66	134.53	91.69	58.30
214.43	193.23	168.44	133.53	91.58	58.32	46	215.17	194.05	169.38	134.53	92.44	59.06
214.79	193.20	168.16	133.53	92.29	59.05	45	215.54	194.03	169.10	134.53	93.15	59.80
215.15	193.17	167.89	133.53	92.96	59.76	44	215.91	194.00	168.83	134.53	93.83	60.51
215.50	193.14	167.63	133.53	93.61	60.46	43	216.27	193.98	168.58	134.53	94.48	61.22
215.85	193.12	167.37	133.53	94.23	61.13	42	216.62	193.96	168.33	134.53	95.11	61.90
216.19	193.09	167.13	133.53	94.82	61.79	41	216.97	193.94	168.08	134.53	95.70	62.57
216.53	193.06	166.89	133.53	95.39	62.44	40	217.31	193.92	167.85	134.53	96.27	63.22
216.86	193.04	166.66	133.53	95.93	63.07	39	217.65	193.91	167.62	134.53	96.82	63.85
217.19	193.02	166.44	133.53	96.45	63.68	38	217.99	193.89	167.40	134.53	97.34	64.47
217.51	193.00	166.22	133.53	96.95	64.28	37	218.32	193.88	167.19	134.53	97.84	65.08
217.83	192.99	166.02	133.53	97.42	64.86	36	218.64	193.87	166.99	134.53	98.32	65.66
218.14	192.97	165.82	133.53	97.88	65.42	35	218.96	193.86	166.80	134.53	98.78	66.24
218.46	192.96	165.63	133.53	98.32	65.98	34	219.28	193.86	166.61	134.53	99.22	66.80
218.77	192.96	165.44	133.53	98.74	66.51	33	219.60	193.86	166.43	134.53	99.65	67.34
219.07	192.95	165.27	133.53	99.14	67.04	32	219.91	193.86	166.26	134.53	100.05	67.87
219.38	192.96	165.10	133.53	99.52	67.55	31	220.22	193.87	166.09	134.53	100.44	68.39
219.68	192.96	164.94	133.53	99.89	68.05	30	220.53	193.88	165.94	134.53	100.81	68.89
219.98	192.97	164.79	133.53	100.25	68.53	29	220.83	193.89	165.79	134.53	101.16	69.38
220.28	192.99	164.65	133.53	100.58	69.01	28	221.14	193.91	165.64	134.53	101.51	69.86
220.57	193.01	164.51	133.53	100.91	69.47	27	221.44	193.94	165.51	134.53	101.83	70.32
220.87	193.03	164.38	133.53	101.22	69.91	26	221.74	193.97	165.38	134.53	102.15	70.77
221.16	193.06	164.26	133.53	101.52	70.35	25	222.04	194.00	165.26	134.53	102.45	71.22
221.45	193.10	164.14	133.53	101.80	70.78	24	222.33	194.04	165.15	134.53	102.73	71.65
221.74	193.14	164.04	133.53	102.08	71.19	23	222.63	194.09	165.04	134.53	103.01	72.06
222.03	193.18	163.94	133.53	102.34	71.59	22	222.92	194.14	164.95	134.53	103.27	72.47
222.32	193.24	163.84	133.53	102.59	71.98	21	223.21	194.19	164.85	134.53	103.52	72.87
222.61	193.30	163.76	133.53	102.83	72.37	20	223.51	194.26	164.77	134.53	103.76	73.25
222.89	193.36	163.68	133.53	103.06	72.74	19	223.80	194.33	164.69	134.53	104.00	73.63
223.18	193.43	163.61	133.53	103.28	73.10	18	224.09	194.40	164.62	134.53	104.22	73.99
223.47	193.51	163.55	133.53	103.48	73.45	17	224.38	194.49	164.56	134.53	104.43	74.35
223.75	193.60	163.49	133.53	103.68	73.79	16	224.67	194.58	164.51	134.53	104.63	74.70
224.04	193.69	163.44	133.53	103.87	74.13	15	224.96	194.67	164.46	134.53	104.82	75.03
224.32	193.79	163.40	133.53	104.06	74.45	14	225.25	194.78	164.42	134.53	105.00	75.36
224.61	193.90	163.36	133.53	104.23	74.77	13	225.55	194.89	164.38	134.53	105.18	75.68
224.90	194.02	163.33	133.53	104.39	75.08	12	225.84	195.01	164.36	134.53	105.34	75.99
225.19	194.14	163.31	133.53	104.55	75.37	11	226.13	195.14	164.34	134.53	105.50	76.30
225.48	194.27	163.30	133.53	104.70	75.67	10	226.43	195.27	164.32	134.53	105.65	76.59
225.77	194.41	163.29	133.53	104.84	75.95	9	226.72	195.42	164.32	134.53	105.79	76.88
226.06	194.56	163.29	133.53	104.97	76.23	8	227.02	195.57	164.32	134.53	105.93	77.16
226.35	194.72	163.30	133.53	105.10	76.50	7	227.31	195.73	164.33	134.53	106.05	77.43
226.65	194.89	163.31	133.53	105.22	76.76	6	227.61	195.91	164.35	134.53	106.18	77.70
226.94	195.07	163.34	133.53	105.33	77.01	5	227.91	196.09	164.37	134.53	106.29	77.95
227.24	195.25	163.37	133.53	105.44	77.26	4	228.22	196.28	164.40	134.53	106.40	78.21
227.54	195.45	163.41	133.53	105.54	77.50	3	228.52	196.48	164.44	134.53	106.50	78.45
227.85	195.66	163.45	133.53	105.63	77.74	2	228.83	196.69	164.49	134.53	106.59	78.69
228.15	195.88	163.51	133.53	105.72	77.97	1	229.14	196.91	164.54	134.53	106.68	78.93
228.46	196.10	163.57	133.53	105.80	78.19	0	229.45	197.14	164.61	134.53	106.76	79.15

138° Sternzeit 9h12min						139° Sternzeit 9h16min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
207.46	194.42	176.35	135.54	72.34	42.73	64	208.03	195.06	177.13	136.54	73.00	43.26
208.05	194.52	175.97	135.54	74.05	43.88	63	208.62	195.17	176.76	136.54	74.73	44.43
208.61	194.60	175.59	135.54	75.68	45.01	62	209.20	195.26	176.40	136.54	76.37	45.57
209.16	194.67	175.22	135.54	77.23	46.11	61	209.76	195.35	176.04	136.54	77.94	46.68
209.70	194.73	174.85	135.54	78.71	47.18	60	210.31	195.42	175.68	136.54	79.43	47.77
210.21	194.78	174.49	135.54	80.11	48.23	59	210.84	195.48	175.32	136.54	80.85	48.83
210.72	194.82	174.13	135.54	81.44	49.25	58	211.35	195.53	174.97	136.54	82.20	49.87
211.21	194.85	173.77	135.54	82.71	50.25	57	211.85	195.57	174.63	136.54	83.48	50.88
211.69	194.88	173.42	135.54	83.92	51.23	56	212.34	195.61	174.29	136.54	84.70	51.87
212.15	194.90	173.08	135.54	85.07	52.18	55	212.82	195.64	173.95	136.54	85.86	52.83
212.61	194.91	172.74	135.54	86.17	53.11	54	213.28	195.66	173.62	136.54	86.97	53.77
213.05	194.91	172.41	135.54	87.22	54.02	53	213.74	195.67	173.30	136.54	88.02	54.69
213.49	194.92	172.09	135.54	88.21	54.91	52	214.18	195.69	172.99	136.54	89.03	55.59
213.92	194.91	171.77	135.54	89.16	55.77	51	214.62	195.69	172.68	136.54	89.99	56.46
214.33	194.91	171.47	135.54	90.07	56.62	50	215.04	195.70	172.38	136.54	90.90	57.32
214.74	194.90	171.17	135.54	90.93	57.44	49	215.46	195.70	172.08	136.54	91.77	58.15
215.14	194.89	170.87	135.54	91.75	58.24	48	215.87	195.70	171.80	136.54	92.60	58.96
215.53	194.88	170.59	135.54	92.54	59.03	47	216.27	195.69	171.52	136.54	93.40	59.76
215.92	194.87	170.31	135.54	93.29	59.79	46	216.66	195.69	171.25	136.54	94.15	60.53
216.30	194.85	170.04	135.54	94.01	60.54	45	217.05	195.68	170.98	136.54	94.88	61.28
216.67	194.84	169.78	135.54	94.70	61.27	44	217.43	195.67	170.73	136.54	95.57	62.02
217.03	194.82	169.53	135.54	95.36	61.98	43	217.80	195.67	170.48	136.54	96.23	62.74
217.39	194.81	169.28	135.54	95.98	62.67	42	218.17	195.66	170.23	136.54	96.87	63.43
217.75	194.80	169.04	135.54	96.59	63.34	41	218.53	195.65	170.00	136.54	97.47	64.12
218.10	194.79	168.81	135.54	97.16	64.00	40	218.89	195.65	169.77	136.54	98.05	64.78
218.44	194.77	168.59	135.54	97.71	64.64	39	219.24	195.64	169.55	136.54	98.60	65.43
218.79	194.77	168.37	135.54	98.24	65.27	38	219.58	195.64	169.34	136.54	99.13	66.06
219.12	194.76	168.17	135.54	98.74	65.88	37	219.93	195.64	169.14	136.54	99.64	66.68
219.45	194.75	167.97	135.54	99.23	66.47	36	220.27	195.64	168.94	136.54	100.13	67.28
219.78	194.75	167.77	135.54	99.69	67.05	35	220.60	195.64	168.76	136.54	100.60	67.86
220.11	194.75	167.59	135.54	100.13	67.61	34	220.93	195.65	168.57	136.54	101.04	68.43
220.43	194.76	167.41	135.54	100.56	68.16	33	221.26	195.66	168.40	136.54	101.47	68.99
220.75	194.77	167.24	135.54	100.96	68.70	32	221.58	195.67	168.23	136.54	101.88	69.53
221.06	194.78	167.08	135.54	101.35	69.22	31	221.91	195.69	168.07	136.54	102.27	70.06
221.38	194.79	166.93	135.54	101.73	69.73	30	222.22	195.71	167.92	136.54	102.65	70.57
221.69	194.81	166.78	135.54	102.09	70.23	29	222.54	195.74	167.78	136.54	103.01	71.07
222.00	194.84	166.64	135.54	102.43	70.71	28	222.85	195.77	167.64	136.54	103.35	71.56
222.30	194.87	166.51	135.54	102.76	71.18	27	223.17	195.80	167.51	136.54	103.69	72.03
222.61	194.90	166.38	135.54	103.07	71.64	26	223.48	195.84	167.39	136.54	104.00	72.50
222.91	194.94	166.27	135.54	103.38	72.08	25	223.78	195.88	167.27	136.54	104.31	72.95
223.21	194.99	166.16	135.54	103.66	72.52	24	224.09	195.93	167.16	136.54	104.60	73.38
223.51	195.03	166.05	135.54	103.94	72.94	23	224.40	195.98	167.06	136.54	104.88	73.81
223.81	195.09	165.96	135.54	104.21	73.35	22	224.70	196.04	166.97	136.54	105.14	74.23
224.11	195.15	165.87	135.54	104.46	73.75	21	225.00	196.11	166.88	136.54	105.40	74.63
224.41	195.22	165.78	135.54	104.70	74.14	20	225.31	196.18	166.80	136.54	105.64	75.03
224.70	195.29	165.71	135.54	104.94	74.52	19	225.61	196.26	166.73	136.54	105.88	75.41
225.00	195.37	165.64	135.54	105.16	74.89	18	225.91	196.34	166.66	136.54	106.10	75.78
225.30	195.46	165.58	135.54	105.37	75.25	17	226.21	196.43	166.60	136.54	106.32	76.15
225.59	195.55	165.53	135.54	105.57	75.60	16	226.51	196.53	166.55	136.54	106.52	76.50
225.89	195.65	165.48	135.54	105.77	75.94	15	226.81	196.64	166.50	136.54	106.71	76.85
226.18	195.76	165.44	135.54	105.95	76.27	14	227.11	196.75	166.46	136.54	106.90	77.18
226.48	195.88	165.41	135.54	106.13	76.60	13	227.41	196.87	166.43	136.54	107.08	77.51
226.78	196.00	165.38	135.54	106.29	76.91	12	227.71	196.99	166.41	136.54	107.25	77.83
227.07	196.13	165.36	135.54	106.45	77.22	11	228.01	197.13	166.39	136.54	107.41	78.14
227.37	196.27	165.35	135.54	106.60	77.52	10	228.32	197.27	166.38	136.54	107.56	78.44
227.67	196.42	165.35	135.54	106.75	77.81	9	228.62	197.42	166.38	136.54	107.70	78.73
227.97	196.58	165.35	135.54	106.88	78.09	8	228.92	197.58	166.38	136.54	107.84	79.02
228.27	196.74	165.36	135.54	107.01	78.37	7	229.23	197.75	166.39	136.54	107.97	79.30
228.58	196.92	165.38	135.54	107.13	78.63	6	229.54	197.93	166.41	136.54	108.09	79.57
228.88	197.10	165.40	135.54	107.25	78.90	5	229.85	198.12	166.44	136.54	108.21	79.84
229.19	197.30	165.44	135.54	107.36	79.15	4	230.16	198.32	166.47	136.54	108.32	80.10
229.50	197.50	165.48	135.54	107.46	79.40	3	230.47	198.52	166.52	136.54	108.42	80.35
229.81	197.71	165.53	135.54	107.55	79.64	2	230.79	198.74	166.57	136.54	108.52	80.59
230.13	197.94	165.58	135.54	107.64	79.88	1	231.11	198.97	166.62	136.54	108.61	80.83
230.44	198.17	165.65	135.54	107.73	80.11	0	231.43	199.20	166.69	136.54	108.70	81.07

140° Sternzeit 9h20min						141° Sternzeit 9h24min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
208.59	195.69	177.90	137.55	73.65	43.79	64	209.15	196.33	178.68	138.57	74.30	44.32
209.20	195.82	177.55	137.55	75.40	44.97	63	209.77	196.47	178.34	138.57	76.07	45.52
209.79	195.93	177.20	137.55	77.07	46.13	62	210.38	196.59	178.00	138.57	77.76	46.69
210.36	196.02	176.85	137.55	78.65	47.26	61	210.96	196.70	177.67	138.57	79.36	47.83
210.92	196.11	176.50	137.55	80.15	48.36	60	211.53	196.79	177.33	138.57	80.88	48.94
211.46	196.18	176.16	137.55	81.59	49.43	59	212.08	196.88	177.00	138.57	82.33	50.03
211.99	196.24	175.82	137.55	82.95	50.48	58	212.62	196.95	176.67	138.57	83.70	51.09
212.50	196.30	175.48	137.55	84.25	51.51	57	213.14	197.02	176.34	138.57	85.01	52.13
213.00	196.34	175.15	137.55	85.48	52.50	56	213.65	197.07	176.02	138.57	86.26	53.14
213.48	196.38	174.83	137.55	86.65	53.48	55	214.15	197.12	175.71	138.57	87.44	54.13
213.96	196.41	174.51	137.55	87.77	54.43	54	214.63	197.16	175.39	138.57	88.57	55.09
214.42	196.44	174.20	137.55	88.83	55.36	53	215.11	197.20	175.09	138.57	89.65	56.03
214.88	196.46	173.89	137.55	89.85	56.27	52	215.57	197.23	174.79	138.57	90.67	56.95
215.32	196.47	173.59	137.55	90.81	57.15	51	216.02	197.25	174.49	138.57	91.64	57.84
215.75	196.48	173.29	137.55	91.74	58.02	50	216.46	197.27	174.21	138.57	92.57	58.72
216.18	196.49	173.00	137.55	92.61	58.86	49	216.90	197.29	173.92	138.57	93.46	59.57
216.60	196.50	172.72	137.55	93.45	59.68	48	217.32	197.30	173.65	138.57	94.30	60.40
217.00	196.50	172.45	137.55	94.25	60.48	47	217.74	197.32	173.38	138.57	95.11	61.21
217.40	196.51	172.18	137.55	95.02	61.26	46	218.15	197.33	173.12	138.57	95.88	62.00
217.80	196.51	171.92	137.55	95.75	62.03	45	218.55	197.33	172.87	138.57	96.62	62.77
218.19	196.51	171.67	137.55	96.44	62.77	44	218.94	197.34	172.62	138.57	97.32	63.52
218.57	196.51	171.43	137.55	97.11	63.49	43	219.33	197.35	172.38	138.57	97.99	64.25
218.94	196.51	171.19	137.55	97.75	64.20	42	219.71	197.36	172.15	138.57	98.63	64.97
219.31	196.51	170.96	137.55	98.36	64.89	41	220.09	197.36	171.92	138.57	99.25	65.66
219.67	196.51	170.74	137.55	98.94	65.56	40	220.46	197.37	171.70	138.57	99.83	66.34
220.03	196.51	170.52	137.55	99.50	66.22	39	220.82	197.38	171.49	138.57	100.40	67.01
220.38	196.51	170.32	137.55	100.03	66.86	38	221.18	197.39	171.29	138.57	100.93	67.65
220.73	196.52	170.12	137.55	100.55	67.48	37	221.54	197.40	171.09	138.57	101.45	68.28
221.08	196.53	169.92	137.55	101.04	68.08	36	221.89	197.41	170.90	138.57	101.94	68.89
221.42	196.54	169.74	137.55	101.50	68.68	35	222.24	197.43	170.72	138.57	102.42	69.49
221.76	196.55	169.56	137.55	101.95	69.25	34	222.58	197.44	170.55	138.57	102.87	70.07
222.09	196.56	169.39	137.55	102.38	69.81	33	222.92	197.46	170.38	138.57	103.30	70.64
222.42	196.58	169.23	137.55	102.80	70.36	32	223.25	197.49	170.22	138.57	103.72	71.19
222.75	196.60	169.07	137.55	103.19	70.89	31	223.59	197.52	170.06	138.57	104.11	71.73
223.07	196.63	168.92	137.55	103.57	71.41	30	223.92	197.55	169.92	138.57	104.50	72.25
223.39	196.66	168.78	137.55	103.93	71.92	29	224.24	197.58	169.78	138.57	104.86	72.76
223.71	196.69	168.64	137.55	104.28	72.41	28	224.57	197.62	169.65	138.57	105.21	73.26
224.03	196.73	168.52	137.55	104.62	72.89	27	224.89	197.66	169.52	138.57	105.55	73.74
224.34	196.77	168.39	137.55	104.94	73.36	26	225.21	197.71	169.40	138.57	105.87	74.22
224.66	196.82	168.28	137.55	105.24	73.81	25	225.53	197.76	169.29	138.57	106.18	74.68
224.97	196.87	168.17	137.55	105.53	74.25	24	225.85	197.82	169.19	138.57	106.47	75.12
225.28	196.93	168.07	137.55	105.82	74.69	23	226.16	197.88	169.09	138.57	106.75	75.56
225.59	197.00	167.98	137.55	106.08	75.11	22	226.48	197.95	169.00	138.57	107.03	75.98
225.90	197.07	167.90	137.55	106.34	75.52	21	226.79	198.02	168.91	138.57	107.28	76.40
226.20	197.14	167.82	137.55	106.59	75.91	20	227.10	198.10	168.84	138.57	107.53	76.80
226.51	197.22	167.75	137.55	106.82	76.30	19	227.41	198.19	168.77	138.57	107.77	77.19
226.81	197.31	167.68	137.55	107.05	76.68	18	227.72	198.28	168.70	138.57	108.00	77.57
227.12	197.41	167.62	137.55	107.26	77.05	17	228.03	198.38	168.65	138.57	108.21	77.95
227.42	197.51	167.57	137.55	107.47	77.41	16	228.34	198.48	168.60	138.57	108.42	78.31
227.73	197.62	167.53	137.55	107.67	77.75	15	228.65	198.60	168.55	138.57	108.62	78.66
228.03	197.73	167.49	137.55	107.85	78.09	14	228.96	198.72	168.52	138.57	108.81	79.00
228.34	197.86	167.46	137.55	108.03	78.42	13	229.27	198.84	168.49	138.57	108.99	79.34
228.65	197.99	167.44	137.55	108.20	78.75	12	229.58	198.98	168.47	138.57	109.16	79.66
228.95	198.12	167.42	137.55	108.36	79.06	11	229.89	199.12	168.45	138.57	109.32	79.98
229.26	198.27	167.41	137.55	108.52	79.36	10	230.20	199.27	168.45	138.57	109.48	80.29
229.57	198.43	167.41	137.55	108.66	79.66	9	230.51	199.43	168.45	138.57	109.62	80.59
229.88	198.59	167.42	137.55	108.80	79.95	8	230.82	199.59	168.45	138.57	109.76	80.88
230.19	198.76	167.43	137.55	108.93	80.23	7	231.14	199.77	168.47	138.57	109.90	81.17
230.50	198.94	167.45	137.55	109.06	80.51	6	231.45	199.95	168.49	138.57	110.02	81.45
230.81	199.13	167.48	137.55	109.17	80.78	5	231.77	200.15	168.52	138.57	110.14	81.72
231.13	199.33	167.51	137.55	109.28	81.04	4	232.09	200.35	168.55	138.57	110.25	81.98
231.44	199.54	167.56	137.55	109.39	81.29	3	232.41	200.56	168.60	138.57	110.36	82.24
231.76	199.76	167.61	137.55	109.49	81.54	2	232.74	200.79	168.65	138.57	110.46	82.49
232.09	199.99	167.67	137.55	109.58	81.79	1	233.06	201.02	168.71	138.57	110.55	82.74
232.41	200.23	167.73	137.55	109.66	82.02	0	233.39	201.26	168.78	138.57	110.64	82.98

142° Sternzeit 9h28min						143° Sternzeit 9h32min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
209.71	196.97	179.46	139.58	74.96	44.85	64	210.28	197.60	180.24	140.60	75.61	45.37
210.35	197.12	179.13	139.58	76.75	46.06	63	210.92	197.77	179.93	140.60	77.42	46.60
210.97	197.25	178.81	139.58	78.45	47.24	62	211.55	197.92	179.61	140.60	79.14	47.80
211.56	197.37	178.48	139.58	80.07	48.40	61	212.16	198.05	179.30	140.60	80.78	48.97
212.14	197.48	178.16	139.58	81.61	49.53	60	212.76	198.17	178.99	140.60	82.33	50.11
212.71	197.58	177.84	139.58	83.07	50.63	59	213.33	198.28	178.68	140.60	83.81	51.23
213.26	197.66	177.52	139.58	84.46	51.70	58	213.89	198.37	178.37	140.60	85.21	52.31
213.79	197.74	177.20	139.58	85.78	52.75	57	214.43	198.46	178.06	140.60	86.55	53.38
214.31	197.81	176.89	139.58	87.04	53.78	56	214.96	198.54	177.76	140.60	87.82	54.41
214.82	197.86	176.58	139.58	88.24	54.77	55	215.48	198.61	177.46	140.60	89.03	55.42
215.31	197.91	176.28	139.58	89.37	55.75	54	215.98	198.67	177.17	140.60	90.18	56.41
215.79	197.96	175.98	139.58	90.46	56.70	53	216.48	198.72	176.88	140.60	91.27	57.37
216.26	198.00	175.69	139.58	91.49	57.63	52	216.96	198.77	176.59	140.60	92.31	58.31
216.72	198.03	175.40	139.58	92.47	58.53	51	217.43	198.81	176.31	140.60	93.31	59.22
217.18	198.06	175.12	139.58	93.41	59.42	50	217.89	198.85	176.04	140.60	94.25	60.11
217.62	198.09	174.85	139.58	94.30	60.28	49	218.34	198.89	175.77	140.60	95.15	60.98
218.05	198.11	174.58	139.58	95.16	61.12	48	218.78	198.92	175.51	140.60	96.01	61.83
218.47	198.13	174.32	139.58	95.97	61.94	47	219.21	198.94	175.25	140.60	96.83	62.66
218.89	198.15	174.06	139.58	96.75	62.73	46	219.63	198.97	175.00	140.60	97.61	63.47
219.30	198.16	173.81	139.58	97.49	63.51	45	220.05	198.99	174.76	140.60	98.36	64.26
219.70	198.18	173.57	139.58	98.20	64.27	44	220.46	199.01	174.52	140.60	99.07	65.02
220.10	198.19	173.34	139.58	98.87	65.01	43	220.86	199.03	174.29	140.60	99.76	65.77
220.49	198.20	173.11	139.58	99.52	65.73	42	221.26	199.05	174.07	140.60	100.41	66.50
220.87	198.22	172.89	139.58	100.14	66.44	41	221.65	199.07	173.85	140.60	101.03	67.21
221.24	198.23	172.67	139.58	100.73	67.12	40	222.03	199.09	173.64	140.60	101.63	67.91
221.62	198.25	172.47	139.58	101.30	67.79	39	222.41	199.11	173.44	140.60	102.20	68.58
221.98	198.26	172.27	139.58	101.84	68.44	38	222.78	199.14	173.24	140.60	102.74	69.24
222.34	198.28	172.07	139.58	102.36	69.08	37	223.15	199.16	173.05	140.60	103.27	69.88
222.70	198.30	171.89	139.58	102.85	69.70	36	223.51	199.18	172.87	140.60	103.77	70.51
223.05	198.32	171.71	139.58	103.33	70.30	35	223.87	199.21	172.69	140.60	104.24	71.12
223.40	198.34	171.54	139.58	103.78	70.89	34	224.23	199.24	172.53	140.60	104.70	71.71
223.75	198.37	171.37	139.58	104.22	71.46	33	224.58	199.27	172.36	140.60	105.14	72.29
224.09	198.40	171.21	139.58	104.64	72.02	32	224.92	199.30	172.21	140.60	105.56	72.85
224.43	198.43	171.06	139.58	105.04	72.56	31	225.27	199.34	172.06	140.60	105.97	73.40
224.76	198.46	170.92	139.58	105.42	73.09	30	225.61	199.38	171.92	140.60	106.35	73.93
225.10	198.50	170.78	139.58	105.79	73.61	29	225.95	199.43	171.78	140.60	106.72	74.46
225.43	198.55	170.65	139.58	106.14	74.11	28	226.28	199.47	171.66	140.60	107.08	74.96
225.75	198.59	170.53	139.58	106.48	74.60	27	226.61	199.53	171.54	140.60	107.42	75.46
226.08	198.65	170.41	139.58	106.81	75.08	26	226.94	199.58	171.42	140.60	107.74	75.94
226.40	198.70	170.30	139.58	107.12	75.54	25	227.27	199.64	171.31	140.60	108.06	76.41
226.72	198.76	170.20	139.58	107.41	75.99	24	227.60	199.71	171.21	140.60	108.35	76.86
227.04	198.83	170.10	139.58	107.70	76.43	23	227.92	199.78	171.12	140.60	108.64	77.31
227.36	198.90	170.01	139.58	107.97	76.86	22	228.25	199.86	171.03	140.60	108.91	77.74
227.68	198.98	169.93	139.58	108.23	77.28	21	228.57	199.94	170.95	140.60	109.18	78.16
227.99	199.06	169.86	139.58	108.48	77.69	20	228.89	200.02	170.88	140.60	109.43	78.57
228.31	199.15	169.79	139.58	108.72	78.08	19	229.21	200.12	170.81	140.60	109.67	78.97
228.63	199.25	169.73	139.58	108.95	78.47	18	229.53	200.22	170.75	140.60	109.90	79.36
228.94	199.35	169.67	139.58	109.16	78.84	17	229.85	200.32	170.70	140.60	110.12	79.74
229.25	199.46	169.62	139.58	109.37	79.21	16	230.17	200.44	170.65	140.60	110.33	80.11
229.57	199.58	169.58	139.58	109.57	79.56	15	230.48	200.55	170.61	140.60	110.53	80.47
229.88	199.70	169.55	139.58	109.76	79.91	14	230.80	200.68	170.58	140.60	110.72	80.82
230.19	199.83	169.52	139.58	109.94	80.25	13	231.12	200.81	170.55	140.60	110.90	81.16
230.51	199.97	169.50	139.58	110.12	80.58	12	231.44	200.96	170.54	140.60	111.08	81.49
230.82	200.11	169.49	139.58	110.28	80.90	11	231.76	201.10	170.52	140.60	111.24	81.82
231.14	200.27	169.48	139.58	110.44	81.21	10	232.08	201.26	170.52	140.60	111.40	82.13
231.45	200.43	169.48	139.58	110.59	81.51	9	232.40	201.43	170.52	140.60	111.55	82.44
231.77	200.60	169.49	139.58	110.73	81.81	8	232.72	201.60	170.53	140.60	111.69	82.74
232.09	200.78	169.51	139.58	110.86	82.10	7	233.04	201.78	170.55	140.60	111.83	83.03
232.41	200.96	169.53	139.58	110.99	82.38	6	233.36	201.97	170.57	140.60	111.95	83.32
232.73	201.16	169.56	139.58	111.11	82.66	5	233.69	202.17	170.60	140.60	112.07	83.59
233.05	201.37	169.60	139.58	111.22	82.92	4	234.01	202.38	170.64	140.60	112.19	83.86
233.38	201.58	169.64	139.58	111.33	83.18	3	234.34	202.60	170.69	140.60	112.30	84.13
233.71	201.81	169.69	139.58	111.43	83.44	2	234.67	202.83	170.74	140.60	112.40	84.39
234.04	202.04	169.76	139.58	111.52	83.69	1	235.01	203.07	170.80	140.60	112.49	84.64
234.37	202.29	169.82	139.58	111.61	83.93	0	235.34	203.32	170.87	140.60	112.58	84.88

144° Sternzeit 9h36min						145° Sternzeit 9h40min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
210.84	198.24	181.02	141.62	76.26	45.90	64	211.40	198.88	181.80	142.65	76.91	46.42
211.50	198.42	180.72	141.62	78.09	47.14	63	212.07	199.07	181.51	142.65	78.76	47.68
212.14	198.58	180.42	141.62	79.83	48.36	62	212.73	199.24	181.23	142.65	80.52	48.91
212.76	198.73	180.12	141.62	81.48	49.54	61	213.36	199.40	180.94	142.65	82.19	50.11
213.37	198.86	179.82	141.62	83.06	50.70	60	213.98	199.55	180.65	142.65	83.78	51.28
213.95	198.98	179.52	141.62	84.55	51.82	59	214.58	199.68	180.36	142.65	85.29	52.42
214.52	199.09	179.22	141.62	85.97	52.92	58	215.16	199.80	180.07	142.65	86.73	53.53
215.08	199.18	178.92	141.62	87.32	54.00	57	215.72	199.91	179.79	142.65	88.09	54.62
215.62	199.27	178.63	141.62	88.60	55.04	56	216.27	200.01	179.50	142.65	89.39	55.68
216.15	199.35	178.34	141.62	89.82	56.07	55	216.81	200.09	179.22	142.65	90.62	56.71
216.66	199.42	178.05	141.62	90.98	57.06	54	217.33	200.18	178.94	142.65	91.79	57.72
217.16	199.49	177.77	141.62	92.09	58.04	53	217.85	200.25	178.67	142.65	92.90	58.70
217.65	199.54	177.50	141.62	93.14	58.98	52	218.34	200.32	178.40	142.65	93.97	59.66
218.13	199.59	177.22	141.62	94.14	59.91	51	218.83	200.38	178.13	142.65	94.98	60.60
218.60	199.64	176.96	141.62	95.09	60.81	50	219.31	200.43	177.87	142.65	95.94	61.51
219.06	199.68	176.69	141.62	96.00	61.69	49	219.78	200.48	177.62	142.65	96.85	62.40
219.51	199.72	176.44	141.62	96.87	62.55	48	220.23	200.53	177.37	142.65	97.73	63.27
219.95	199.76	176.19	141.62	97.69	63.39	47	220.68	200.57	177.13	142.65	98.56	64.11
220.38	199.79	175.94	141.62	98.48	64.20	46	221.12	200.61	176.89	142.65	99.36	64.94
220.80	199.82	175.71	141.62	99.24	65.00	45	221.55	200.65	176.65	142.65	100.11	65.74
221.22	199.85	175.47	141.62	99.96	65.77	44	221.98	200.69	176.43	142.65	100.84	66.53
221.63	199.88	175.25	141.62	100.64	66.53	43	222.39	200.72	176.21	142.65	101.53	67.29
222.03	199.90	175.03	141.62	101.30	67.27	42	222.80	200.75	175.99	142.65	102.19	68.03
222.43	199.93	174.82	141.62	101.93	67.99	41	223.21	200.79	175.78	142.65	102.82	68.76
222.82	199.96	174.61	141.62	102.53	68.69	40	223.60	200.82	175.58	142.65	103.43	69.47
223.20	199.98	174.41	141.62	103.10	69.37	39	223.99	200.85	175.39	142.65	104.01	70.16
223.58	200.01	174.22	141.62	103.65	70.03	38	224.38	200.89	175.20	142.65	104.56	70.83
223.95	200.04	174.03	141.62	104.18	70.68	37	224.76	200.92	175.02	142.65	105.09	71.48
224.32	200.07	173.85	141.62	104.68	71.31	36	225.13	200.96	174.84	142.65	105.60	72.12
224.69	200.10	173.68	141.62	105.16	71.93	35	225.50	200.99	174.67	142.65	106.08	72.74
225.05	200.14	173.52	141.62	105.62	72.53	34	225.87	201.03	174.51	142.65	106.55	73.35
225.40	200.17	173.36	141.62	106.07	73.11	33	226.23	201.08	174.35	142.65	106.99	73.94
225.76	200.21	173.21	141.62	106.49	73.68	32	226.59	201.12	174.20	142.65	107.42	74.51
226.11	200.25	173.06	141.62	106.90	74.24	31	226.95	201.17	174.06	142.65	107.83	75.07
226.45	200.30	172.92	141.62	107.28	74.78	30	227.30	201.22	173.93	142.65	108.22	75.62
226.80	200.35	172.79	141.62	107.66	75.30	29	227.65	201.27	173.80	142.65	108.59	76.15
227.14	200.40	172.66	141.62	108.01	75.81	28	227.99	201.33	173.67	142.65	108.95	76.67
227.47	200.46	172.55	141.62	108.36	76.31	27	228.33	201.39	173.56	142.65	109.30	77.17
227.81	200.52	172.43	141.62	108.68	76.80	26	228.67	201.45	173.45	142.65	109.63	77.66
228.14	200.58	172.33	141.62	109.00	77.27	25	229.01	201.52	173.34	142.65	109.94	78.14
228.47	200.65	172.23	141.62	109.30	77.73	24	229.35	201.60	173.25	142.65	110.25	78.60
228.80	200.73	172.14	141.62	109.59	78.18	23	229.68	201.68	173.16	142.65	110.54	79.06
229.13	200.81	172.05	141.62	109.86	78.62	22	230.01	201.76	173.07	142.65	110.81	79.50
229.46	200.89	171.97	141.62	110.13	79.04	21	230.35	201.85	173.00	142.65	111.08	79.93
229.78	200.98	171.90	141.62	110.38	79.46	20	230.68	201.94	172.93	142.65	111.33	80.35
230.11	201.08	171.84	141.62	110.62	79.86	19	231.00	202.05	172.86	142.65	111.58	80.75
230.43	201.18	171.78	141.62	110.85	80.26	18	231.33	202.15	172.81	142.65	111.81	81.15
230.75	201.29	171.73	141.62	111.07	80.64	17	231.66	202.27	172.76	142.65	112.03	81.54
231.08	201.41	171.68	141.62	111.29	81.01	16	231.99	202.38	172.71	142.65	112.24	81.91
231.40	201.53	171.64	141.62	111.49	81.38	15	232.31	202.51	172.68	142.65	112.45	82.28
231.72	201.66	171.61	141.62	111.68	81.73	14	232.64	202.64	172.65	142.65	112.64	82.64
232.04	201.80	171.59	141.62	111.86	82.07	13	232.96	202.78	172.63	142.65	112.83	82.99
232.36	201.94	171.57	141.62	112.04	82.41	12	233.29	202.93	172.61	142.65	113.00	83.32
232.69	202.10	171.56	141.62	112.21	82.74	11	233.62	203.09	172.60	142.65	113.17	83.65
233.01	202.26	171.56	141.62	112.36	83.05	10	233.94	203.25	172.60	142.65	113.33	83.98
233.33	202.42	171.56	141.62	112.52	83.36	9	234.27	203.42	172.60	142.65	113.48	84.29
233.66	202.60	171.57	141.62	112.66	83.67	8	234.60	203.60	172.61	142.65	113.63	84.60
233.99	202.78	171.59	141.62	112.79	83.96	7	234.93	203.79	172.63	142.65	113.77	84.89
234.31	202.98	171.61	141.62	112.92	84.25	6	235.26	203.98	172.66	142.65	113.90	85.18
234.64	203.18	171.65	141.62	113.05	84.53	5	235.59	204.19	172.69	142.65	114.02	85.47
234.97	203.39	171.69	141.62	113.16	84.80	4	235.93	204.40	172.73	142.65	114.13	85.74
235.30	203.61	171.73	141.62	113.27	85.07	3	236.26	204.63	172.78	142.65	114.24	86.01
235.64	203.85	171.79	141.62	113.37	85.33	2	236.60	204.86	172.84	142.65	114.35	86.28
235.98	204.09	171.85	141.62	113.47	85.59	1	236.94	205.11	172.90	142.65	114.44	86.53
236.32	204.34	171.92	141.62	113.56	85.83	0	237.28	205.36	172.97	142.65	114.53	86.79

146° Sternzeit 9h44min						147° Sternzeit 9h48min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
211.96	199.51	182.58	143.68	77.55	46.95	64	212.52	200.15	183.36	144.71	78.20	47.47
212.65	199.72	182.31	143.68	79.43	48.22	63	213.22	200.37	183.10	144.71	80.10	48.76
213.31	199.91	182.03	143.68	81.21	49.46	62	213.90	200.57	182.84	144.71	81.90	50.02
213.96	200.08	181.76	143.68	82.90	50.68	61	214.56	200.76	182.58	144.71	83.61	51.24
214.59	200.24	181.48	143.68	84.51	51.86	60	215.20	200.93	182.31	144.71	85.24	52.44
215.20	200.38	181.20	143.68	86.04	53.01	59	215.82	201.08	182.04	144.71	86.78	53.61
215.79	200.51	180.92	143.68	87.49	54.14	58	216.43	201.22	181.78	144.71	88.25	54.75
216.37	200.63	180.65	143.68	88.86	55.24	57	217.01	201.35	181.51	144.71	89.64	55.86
216.93	200.74	180.37	143.68	90.17	56.31	56	217.58	201.47	181.25	144.71	90.96	56.94
217.48	200.84	180.10	143.68	91.42	57.36	55	218.14	201.58	180.98	144.71	92.22	58.00
218.01	200.93	179.83	143.68	92.60	58.38	54	218.69	201.69	180.72	144.71	93.41	59.03
218.53	201.01	179.57	143.68	93.72	59.37	53	219.22	201.78	180.47	144.71	94.54	60.04
219.04	201.09	179.31	143.68	94.79	60.34	52	219.73	201.86	180.21	144.71	95.62	61.02
219.54	201.16	179.05	143.68	95.81	61.29	51	220.24	201.94	179.96	144.71	96.65	61.98
220.02	201.22	178.79	143.68	96.78	62.21	50	220.73	202.01	179.71	144.71	97.63	62.91
220.50	201.28	178.55	143.68	97.71	63.11	49	221.22	202.08	179.47	144.71	98.56	63.82
220.96	201.34	178.30	143.68	98.59	63.99	48	221.69	202.14	179.24	144.71	99.45	64.70
221.42	201.39	178.06	143.68	99.43	64.84	47	222.15	202.20	179.00	144.71	100.30	65.57
221.87	201.44	177.83	143.68	100.23	65.67	46	222.61	202.26	178.78	144.71	101.11	66.41
222.30	201.48	177.60	143.68	100.99	66.49	45	223.06	202.31	178.55	144.71	101.88	67.23
222.74	201.52	177.38	143.68	101.72	67.28	44	223.49	202.36	178.34	144.71	102.61	68.03
223.16	201.57	177.17	143.68	102.42	68.05	43	223.92	202.41	178.13	144.71	103.31	68.81
223.58	201.61	176.96	143.68	103.09	68.80	42	224.35	202.46	177.92	144.71	103.99	69.57
223.99	201.64	176.75	143.68	103.72	69.54	41	224.76	202.50	177.72	144.71	104.63	70.31
224.39	201.68	176.56	143.68	104.33	70.25	40	225.17	202.55	177.53	144.71	105.24	71.03
224.79	201.72	176.36	143.68	104.92	70.95	39	225.58	202.59	177.34	144.71	105.83	71.73
225.18	201.76	176.18	143.68	105.47	71.62	38	225.98	202.64	177.16	144.71	106.39	72.42
225.56	201.80	176.00	143.68	106.01	72.29	37	226.37	202.68	176.99	144.71	106.92	73.09
225.94	201.84	175.83	143.68	106.52	72.93	36	226.76	202.73	176.82	144.71	107.44	73.74
226.32	201.89	175.66	143.68	107.00	73.56	35	227.14	202.78	176.65	144.71	107.93	74.37
226.69	201.93	175.50	143.68	107.47	74.17	34	227.52	202.83	176.50	144.71	108.40	74.99
227.06	201.98	175.35	143.68	107.92	74.76	33	227.89	202.88	176.35	144.71	108.85	75.59
227.42	202.03	175.20	143.68	108.35	75.34	32	228.26	202.94	176.21	144.71	109.28	76.18
227.79	202.08	175.06	143.68	108.76	75.91	31	228.62	202.99	176.07	144.71	109.70	76.75
228.14	202.13	174.93	143.68	109.15	76.46	30	228.99	203.05	175.94	144.71	110.09	77.30
228.50	202.19	174.80	143.68	109.53	77.00	29	229.34	203.11	175.81	144.71	110.47	77.84
228.85	202.25	174.68	143.68	109.89	77.52	28	229.70	203.18	175.69	144.71	110.84	78.37
229.19	202.32	174.57	143.68	110.24	78.03	27	230.05	203.25	175.58	144.71	111.18	78.88
229.54	202.39	174.46	143.68	110.57	78.52	26	230.40	203.32	175.48	144.71	111.52	79.38
229.88	202.46	174.36	143.68	110.89	79.00	25	230.75	203.40	175.38	144.71	111.84	79.87
230.22	202.54	174.27	143.68	111.19	79.47	24	231.10	203.48	175.29	144.71	112.15	80.34
230.56	202.62	174.18	143.68	111.49	79.93	23	231.44	203.57	175.20	144.71	112.44	80.81
230.90	202.71	174.10	143.68	111.77	80.38	22	231.78	203.66	175.12	144.71	112.72	81.26
231.23	202.81	174.02	143.68	112.03	80.81	21	232.12	203.76	175.05	144.71	112.99	81.69
231.57	202.90	173.95	143.68	112.29	81.23	20	232.46	203.86	174.98	144.71	113.25	82.12
231.90	203.01	173.89	143.68	112.53	81.64	19	232.80	203.97	174.92	144.71	113.49	82.53
232.23	203.12	173.84	143.68	112.77	82.04	18	233.13	204.08	174.87	144.71	113.73	82.94
232.56	203.24	173.79	143.68	112.99	82.44	17	233.47	204.20	174.82	144.71	113.95	83.33
232.89	203.36	173.75	143.68	113.21	82.82	16	233.80	204.33	174.78	144.71	114.17	83.72
233.22	203.49	173.71	143.68	113.41	83.19	15	234.14	204.46	174.75	144.71	114.38	84.09
233.55	203.62	173.68	143.68	113.61	83.55	14	234.47	204.60	174.72	144.71	114.57	84.45
233.88	203.77	173.66	143.68	113.79	83.90	13	234.80	204.75	174.70	144.71	114.76	84.81
234.21	203.92	173.65	143.68	113.97	84.24	12	235.14	204.90	174.69	144.71	114.94	85.15
234.55	204.08	173.64	143.68	114.14	84.57	11	235.47	205.06	174.68	144.71	115.11	85.49
234.88	204.24	173.64	143.68	114.30	84.90	10	235.81	205.23	174.68	144.71	115.27	85.82
235.21	204.42	173.64	143.68	114.45	85.21	9	236.14	205.41	174.69	144.71	115.43	86.14
235.54	204.60	173.66	143.68	114.60	85.52	8	236.48	205.60	174.70	144.71	115.57	86.45
235.87	204.79	173.68	143.68	114.74	85.82	7	236.81	205.79	174.72	144.71	115.71	86.75
236.21	204.99	173.70	143.68	114.87	86.12	6	237.15	205.99	174.75	144.71	115.84	87.05
236.54	205.20	173.74	143.68	114.99	86.40	5	237.49	206.20	174.79	144.71	115.97	87.34
236.88	205.41	173.78	143.68	115.11	86.68	4	237.83	206.42	174.83	144.71	116.09	87.62
237.22	205.64	173.83	143.68	115.22	86.95	3	238.17	206.65	174.88	144.71	116.20	87.90
237.56	205.88	173.89	143.68	115.32	87.22	2	238.52	206.89	174.94	144.71	116.30	88.16
237.90	206.13	173.95	143.68	115.42	87.48	1	238.87	207.14	175.00	144.71	116.40	88.43
238.25	206.38	174.02	143.68	115.51	87.73	0	239.21	207.40	175.08	144.71	116.50	88.68

148° Sternzeit 9h52min						149° Sternzeit 9h56min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
213.08	200.79	184.14	145.74	78.85	47.99	64	213.64	201.42	184.92	146.78	79.50	48.51
213.79	201.02	183.89	145.74	80.77	49.29	63	214.36	201.67	184.69	146.78	81.44	49.83
214.49	201.24	183.65	145.74	82.59	50.57	62	215.07	201.90	184.46	146.78	83.28	51.12
215.16	201.43	183.40	145.74	84.32	51.81	61	215.76	202.11	184.22	146.78	85.03	52.37
215.81	201.62	183.14	145.74	85.97	53.02	60	216.42	202.31	183.98	146.78	86.70	53.60
216.44	201.78	182.89	145.74	87.53	54.20	59	217.07	202.49	183.73	146.78	88.27	54.79
217.06	201.94	182.63	145.74	89.01	55.35	58	217.69	202.65	183.49	146.78	89.77	55.96
217.66	202.08	182.38	145.74	90.41	56.48	57	218.30	202.80	183.24	146.78	91.19	57.10
218.24	202.21	182.12	145.74	91.75	57.58	56	218.90	202.95	182.99	146.78	92.54	58.21
218.81	202.33	181.87	145.74	93.02	58.64	55	219.47	203.08	182.75	146.78	93.82	59.29
219.36	202.44	181.61	145.74	94.22	59.69	54	220.04	203.20	182.51	146.78	95.03	60.34
219.90	202.54	181.37	145.74	95.37	60.70	53	220.59	203.31	182.27	146.78	96.19	61.37
220.43	202.64	181.12	145.74	96.46	61.70	52	221.12	203.41	182.03	146.78	97.29	62.37
220.94	202.72	180.88	145.74	97.49	62.66	51	221.64	203.51	181.79	146.78	98.34	63.35
221.44	202.81	180.64	145.74	98.48	63.61	50	222.16	203.60	181.56	146.78	99.33	64.30
221.94	202.88	180.40	145.74	99.42	64.52	49	222.66	203.68	181.33	146.78	100.28	65.23
222.42	202.95	180.17	145.74	100.32	65.42	48	223.15	203.76	181.10	146.78	101.18	66.14
222.89	203.02	179.94	145.74	101.17	66.29	47	223.63	203.84	180.88	146.78	102.04	67.02
223.35	203.08	179.72	145.74	101.98	67.14	46	224.10	203.91	180.67	146.78	102.86	67.88
223.81	203.14	179.51	145.74	102.76	67.97	45	224.56	203.97	180.46	146.78	103.65	68.72
224.25	203.20	179.29	145.74	103.50	68.78	44	225.01	204.04	180.25	146.78	104.39	69.53
224.69	203.25	179.09	145.74	104.21	69.57	43	225.46	204.10	180.05	146.78	105.11	70.33
225.12	203.31	178.89	145.74	104.89	70.34	42	225.89	204.16	179.85	146.78	105.79	71.11
225.54	203.36	178.69	145.74	105.53	71.09	41	226.32	204.22	179.66	146.78	106.44	71.86
225.96	203.41	178.50	145.74	106.15	71.81	40	226.75	204.28	179.48	146.78	107.06	72.60
226.37	203.46	178.32	145.74	106.74	72.52	39	227.16	204.33	179.30	146.78	107.65	73.31
226.78	203.51	178.14	145.74	107.30	73.22	38	227.57	204.39	179.13	146.78	108.22	74.01
227.17	203.57	177.97	145.74	107.84	73.89	37	227.98	204.45	178.96	146.78	108.77	74.69
227.57	203.62	177.81	145.74	108.36	74.55	36	228.38	204.51	178.80	146.78	109.29	75.36
227.95	203.67	177.65	145.74	108.86	75.19	35	228.77	204.57	178.64	146.78	109.79	76.00
228.34	203.73	177.50	145.74	109.33	75.81	34	229.16	204.63	178.49	146.78	110.26	76.63
228.72	203.78	177.35	145.74	109.78	76.42	33	229.54	204.69	178.35	146.78	110.72	77.24
229.09	203.84	177.21	145.74	110.22	77.01	32	229.92	204.75	178.21	146.78	111.16	77.84
229.46	203.91	177.07	145.74	110.63	77.58	31	230.30	204.82	178.08	146.78	111.58	78.42
229.83	203.97	176.95	145.74	111.03	78.14	30	230.67	204.89	177.95	146.78	111.98	78.99
230.19	204.04	176.82	145.74	111.42	78.69	29	231.04	204.96	177.83	146.78	112.36	79.54
230.55	204.11	176.71	145.74	111.78	79.22	28	231.41	205.03	177.72	146.78	112.73	80.08
230.91	204.18	176.60	145.74	112.13	79.74	27	231.77	205.11	177.61	146.78	113.08	80.60
231.27	204.26	176.50	145.74	112.47	80.25	26	232.13	205.20	177.51	146.78	113.42	81.11
231.62	204.34	176.40	145.74	112.79	80.74	25	232.49	205.28	177.42	146.78	113.74	81.60
231.97	204.43	176.31	145.74	113.10	81.21	24	232.84	205.37	177.33	146.78	114.05	82.09
232.32	204.52	176.22	145.74	113.39	81.68	23	233.19	205.47	177.25	146.78	114.35	82.56
232.66	204.61	176.15	145.74	113.68	82.13	22	233.54	205.57	177.17	146.78	114.64	83.01
233.01	204.72	176.08	145.74	113.95	82.58	21	233.89	205.67	177.10	146.78	114.91	83.46
233.35	204.82	176.01	145.74	114.21	83.01	20	234.24	205.78	177.04	146.78	115.17	83.89
233.69	204.93	175.95	145.74	114.46	83.43	19	234.58	205.89	176.99	146.78	115.42	84.32
234.03	205.05	175.90	145.74	114.69	83.83	18	234.93	206.02	176.94	146.78	115.66	84.73
234.37	205.17	175.86	145.74	114.92	84.23	17	235.27	206.14	176.89	146.78	115.89	85.13
234.71	205.30	175.82	145.74	115.14	84.62	16	235.61	206.28	176.85	146.78	116.10	85.52
235.05	205.44	175.79	145.74	115.34	85.00	15	235.96	206.41	176.82	146.78	116.31	85.90
235.38	205.58	175.76	145.74	115.54	85.36	14	236.30	206.56	176.80	146.78	116.51	86.27
235.72	205.73	175.74	145.74	115.73	85.72	13	236.64	206.71	176.78	146.78	116.70	86.63
236.06	205.89	175.73	145.74	115.91	86.07	12	236.98	206.87	176.77	146.78	116.88	86.98
236.40	206.05	175.72	145.74	116.08	86.41	11	237.32	207.04	176.77	146.78	117.06	87.33
236.74	206.22	175.72	145.74	116.25	86.74	10	237.66	207.21	176.77	146.78	117.22	87.66
237.07	206.40	175.73	145.74	116.40	87.06	9	238.00	207.40	176.78	146.78	117.38	87.99
237.41	206.59	175.75	145.74	116.55	87.38	8	238.35	207.59	176.80	146.78	117.53	88.30
237.75	206.79	175.77	145.74	116.69	87.68	7	238.69	207.79	176.82	146.78	117.67	88.61
238.09	206.99	175.80	145.74	116.82	87.98	6	239.03	207.99	176.85	146.78	117.80	88.92
238.44	207.21	175.84	145.74	116.95	88.27	5	239.38	208.21	176.89	146.78	117.93	89.21
238.78	207.43	175.88	145.74	117.07	88.56	4	239.73	208.44	176.93	146.78	118.05	89.50
239.13	207.66	175.93	145.74	117.18	88.84	3	240.08	208.67	176.99	146.78	118.16	89.78
239.47	207.90	175.99	145.74	117.28	89.11	2	240.43	208.91	177.05	146.78	118.27	90.05
239.82	208.16	176.06	145.74	117.38	89.37	1	240.78	209.17	177.11	146.78	118.37	90.32
240.18	208.42	176.13	145.74	117.48	89.63	0	241.13	209.43	177.19	146.78	118.46	90.58

150°		Sternzeit				10h Omin		151°		Sternzeit				10h 4min	
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII			
214.19	202.06	185.70	147.82	80.14	49.02	64	214.75	202.70	186.48	148.86	80.79	49.54			
214.94	202.32	185.48	147.82	82.11	50.36	63	215.51	202.98	186.28	148.86	82.78	50.89			
215.66	202.57	185.26	147.82	83.97	51.66	62	216.24	203.23	186.07	148.86	84.66	52.21			
216.35	202.79	185.04	147.82	85.74	52.94	61	216.95	203.47	185.86	148.86	86.46	53.50			
217.03	203.00	184.81	147.82	87.42	54.18	60	217.64	203.69	185.64	148.86	88.16	54.75			
217.69	203.19	184.58	147.82	89.02	55.39	59	218.31	203.89	185.42	148.86	89.77	55.98			
218.33	203.37	184.34	147.82	90.53	56.57	58	218.96	204.08	185.20	148.86	91.30	57.17			
218.95	203.53	184.11	147.82	91.97	57.72	57	219.59	204.26	184.97	148.86	92.74	58.33			
219.55	203.68	183.87	147.82	93.33	58.84	56	220.21	204.42	184.74	148.86	94.12	59.47			
220.14	203.82	183.63	147.82	94.62	59.93	55	220.80	204.57	184.52	148.86	95.43	60.57			
220.71	203.95	183.40	147.82	95.85	61.00	54	221.39	204.71	184.29	148.86	96.67	61.65			
221.27	204.07	183.17	147.82	97.02	62.04	53	221.96	204.84	184.07	148.86	97.85	62.70			
221.82	204.19	182.94	147.82	98.13	63.05	52	222.51	204.96	183.84	148.86	98.97	63.73			
222.35	204.29	182.71	147.82	99.18	64.04	51	223.05	205.08	183.62	148.86	100.03	64.73			
222.87	204.39	182.48	147.82	100.19	65.00	50	223.58	205.18	183.41	148.86	101.04	65.70			
223.38	204.48	182.26	147.82	101.14	65.94	49	224.10	205.29	183.19	148.86	102.01	66.65			
223.88	204.57	182.04	147.82	102.05	66.86	48	224.61	205.38	182.98	148.86	102.92	67.57			
224.36	204.65	181.83	147.82	102.92	67.75	47	225.10	205.47	182.77	148.86	103.80	68.47			
224.84	204.73	181.62	147.82	103.75	68.62	46	225.59	205.56	182.57	148.86	104.63	69.35			
225.31	204.81	181.41	147.82	104.54	69.46	45	226.06	205.64	182.36	148.86	105.43	70.21			
225.77	204.88	181.21	147.82	105.29	70.29	44	226.53	205.72	182.17	148.86	106.19	71.04			
226.22	204.95	181.01	147.82	106.01	71.19	43	226.99	205.79	181.98	148.86	106.91	71.85			
226.67	205.01	180.82	147.82	106.69	71.87	42	227.44	205.87	181.79	148.86	107.60	72.64			
227.10	205.08	180.64	147.82	107.35	72.64	41	227.88	205.94	181.61	148.86	108.26	73.41			
227.53	205.14	180.46	147.82	107.97	73.38	40	228.32	206.01	181.43	148.86	108.89	74.16			
227.96	205.21	180.28	147.82	108.57	74.10	39	228.75	206.08	181.26	148.86	109.49	74.90			
228.37	205.27	180.11	147.82	109.14	74.81	38	229.17	206.15	181.10	148.86	110.07	75.61			
228.78	205.33	179.95	147.82	109.69	75.50	37	229.59	206.21	180.94	148.86	110.62	76.30			
229.19	205.39	179.79	147.82	110.22	76.17	36	230.00	206.28	180.78	148.86	111.15	76.98			
229.59	205.46	179.64	147.82	110.72	76.82	35	230.41	206.35	180.63	148.86	111.65	77.64			
229.98	205.52	179.49	147.82	111.20	77.45	34	230.81	206.42	180.49	148.86	112.14	78.28			
230.37	205.59	179.35	147.82	111.66	78.07	33	231.20	206.50	180.35	148.86	112.60	78.90			
230.76	205.66	179.22	147.82	112.10	78.67	32	231.59	206.57	180.22	148.86	113.04	79.51			
231.14	205.73	179.09	147.82	112.52	79.26	31	231.98	206.65	180.10	148.86	113.47	80.10			
231.52	205.81	178.96	147.82	112.92	79.83	30	232.36	206.72	179.98	148.86	113.87	80.68			
231.89	205.88	178.85	147.82	113.31	80.39	29	232.74	206.80	179.86	148.86	114.26	81.24			
232.26	205.96	178.74	147.82	113.68	80.93	28	233.11	206.89	179.75	148.86	114.63	81.78			
232.63	206.04	178.63	147.82	114.04	81.46	27	233.49	206.97	179.65	148.86	114.99	82.32			
232.99	206.13	178.53	147.82	114.38	81.97	26	233.85	207.07	179.55	148.86	115.33	82.83			
233.35	206.22	178.44	147.82	114.70	82.47	25	234.22	207.16	179.46	148.86	115.66	83.34			
233.71	206.31	178.36	147.82	115.01	82.96	24	234.58	207.26	179.38	148.86	115.97	83.83			
234.07	206.41	178.28	147.82	115.31	83.43	23	234.94	207.36	179.30	148.86	116.27	84.31			
234.42	206.52	178.20	147.82	115.60	83.89	22	235.30	207.47	179.23	148.86	116.56	84.78			
234.78	206.62	178.13	147.82	115.87	84.34	21	235.66	207.58	179.17	148.86	116.84	85.23			
235.13	206.74	178.07	147.82	116.13	84.78	20	236.01	207.69	179.11	148.86	117.10	85.67			
235.48	206.86	178.02	147.82	116.39	85.21	19	236.37	207.82	179.05	148.86	117.36	86.10			
235.82	206.98	177.97	147.82	116.63	85.62	18	236.72	207.94	179.01	148.86	117.60	86.52			
236.17	207.11	177.93	147.82	116.86	86.03	17	237.07	208.08	178.97	148.86	117.83	86.93			
236.52	207.25	177.89	147.82	117.08	86.42	16	237.42	208.22	178.93	148.86	118.05	87.33			
236.86	207.39	177.86	147.82	117.29	86.81	15	237.77	208.36	178.90	148.86	118.26	87.71			
237.21	207.54	177.84	147.82	117.49	87.18	14	238.12	208.51	178.88	148.86	118.46	88.09			
237.55	207.69	177.82	147.82	117.68	87.55	13	238.47	208.67	178.87	148.86	118.65	88.46			
237.90	207.86	177.82	147.82	117.86	87.90	12	238.82	208.84	178.86	148.86	118.84	88.82			
238.24	208.03	177.81	147.82	118.03	88.25	11	239.16	209.01	178.86	148.86	119.01	89.16			
238.59	208.20	177.82	147.82	118.20	88.58	10	239.51	209.19	178.86	148.86	119.18	89.50			
238.93	208.39	177.83	147.82	118.36	88.91	9	239.86	209.38	178.88	148.86	119.34	89.84			
239.28	208.58	177.84	147.82	118.51	89.23	8	240.21	209.57	178.89	148.86	119.49	90.16			
239.63	208.78	177.87	147.82	118.65	89.54	7	240.56	209.78	178.92	148.86	119.63	90.47			
239.97	208.99	177.90	147.82	118.78	89.85	6	240.91	209.99	178.95	148.86	119.77	90.78			
240.32	209.21	177.94	147.82	118.91	90.14	5	241.26	210.21	178.99	148.86	119.90	91.08			
240.67	209.44	177.99	147.82	119.03	90.43	4	241.62	210.44	179.04	148.86	120.02	91.37			
241.02	209.68	178.04	147.82	119.15	90.72	3	241.97	210.68	179.09	148.86	120.13	91.66			
241.38	209.92	178.10	147.82	119.25	90.99	2	242.33	210.93	179.16	148.86	120.24	91.94			
241.73	210.18	178.17	147.82	119.35	91.26	1	242.69	211.19	179.23	148.86	120.34	92.21			
242.09	210.45	178.25	147.82	119.45	91.53	0	243.05	211.46	179.30	148.86	120.44	92.47			

152°		Sternzeit				10h 8min	153°		Sternzeit				10h12min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
215.31	203.34	187.26	149.90	81.43	50.05	64	215.87	203.97	188.04	150.95	82.08	50.56	
216.08	203.63	187.08	149.90	83.45	51.42	63	216.65	204.28	187.87	150.95	84.11	51.95	
216.83	203.90	186.88	149.90	85.36	52.76	62	217.41	204.56	187.69	150.95	86.05	53.30	
217.55	204.15	186.68	149.90	87.17	54.06	61	218.15	204.83	187.50	150.95	87.88	54.62	
218.25	204.38	186.48	149.90	88.89	55.33	60	218.86	205.07	187.31	150.95	89.62	55.90	
218.93	204.59	186.27	149.90	90.52	56.57	59	219.55	205.30	187.11	150.95	91.27	57.16	
219.59	204.79	186.05	149.90	92.06	57.77	58	220.23	205.51	186.91	150.95	92.83	58.38	
220.24	204.98	185.84	149.90	93.53	58.95	57	220.88	205.71	186.70	150.95	94.31	59.57	
220.86	205.15	185.62	149.90	94.92	60.10	56	221.52	205.89	186.50	150.95	95.71	60.73	
221.47	205.32	185.40	149.90	96.23	61.22	55	222.14	206.06	186.29	150.95	97.04	61.86	
222.06	205.47	185.19	149.90	97.49	62.31	54	222.74	206.23	186.08	150.95	98.31	62.96	
222.64	205.61	184.97	149.90	98.68	63.37	53	223.33	206.38	185.87	150.95	99.51	64.04	
223.21	205.74	184.75	149.90	99.81	64.41	52	223.90	206.52	185.66	150.95	100.65	65.08	
223.76	205.86	184.54	149.90	100.88	65.42	51	224.46	206.65	185.46	150.95	101.73	66.10	
224.29	205.98	184.33	149.90	101.90	66.40	50	225.01	206.77	185.25	150.95	102.76	67.10	
224.82	206.09	184.12	149.90	102.87	67.36	49	225.54	206.89	185.05	150.95	103.74	68.07	
225.34	206.19	183.92	149.90	103.80	68.29	48	226.07	207.00	184.85	150.95	104.68	69.01	
225.84	206.29	183.71	149.90	104.68	69.20	47	226.58	207.11	184.66	150.95	105.56	69.93	
226.33	206.38	183.51	149.90	105.52	70.09	46	227.08	207.21	184.46	150.95	106.41	70.83	
226.82	206.47	183.32	149.90	106.32	70.95	45	227.57	207.30	184.28	150.95	107.22	71.70	
227.29	206.56	183.13	149.90	107.09	71.79	44	228.05	207.40	184.09	150.95	107.99	72.55	
227.76	206.64	182.94	149.90	107.81	72.61	43	228.53	207.49	183.91	150.95	108.72	73.38	
228.22	206.72	182.76	149.90	108.51	73.41	42	228.99	207.57	183.73	150.95	109.42	74.18	
228.67	206.80	182.59	149.90	109.17	74.19	41	229.45	207.66	183.56	150.95	110.09	74.97	
229.11	206.87	182.41	149.90	109.81	74.95	40	229.90	207.74	183.39	150.95	110.73	75.74	
229.54	206.95	182.25	149.90	110.42	75.69	39	230.34	207.82	183.23	150.95	111.34	76.48	
229.97	207.02	182.08	149.90	111.00	76.41	38	230.77	207.90	183.07	150.95	111.93	77.21	
230.39	207.10	181.93	149.90	111.55	77.11	37	231.20	207.98	182.92	150.95	112.49	77.91	
230.81	207.17	181.78	149.90	112.08	77.79	36	231.62	208.06	182.77	150.95	113.02	78.60	
231.22	207.25	181.63	149.90	112.59	78.45	35	232.04	208.14	182.63	150.95	113.53	79.27	
231.63	207.32	181.49	149.90	113.08	79.10	34	232.45	208.22	182.49	150.95	114.02	79.92	
232.03	207.40	181.36	149.90	113.54	79.73	33	232.86	208.30	182.36	150.95	114.49	80.56	
232.42	207.48	181.23	149.90	113.99	80.34	32	233.26	208.39	182.24	150.95	114.94	81.18	
232.82	207.56	181.11	149.90	114.41	80.94	31	233.65	208.47	182.12	150.95	115.37	81.78	
233.20	207.64	180.99	149.90	114.82	81.52	30	234.05	208.56	182.00	150.95	115.78	82.37	
233.59	207.73	180.88	149.90	115.21	82.09	29	234.43	208.65	181.89	150.95	116.17	82.94	
233.97	207.81	180.77	149.90	115.59	82.64	28	234.82	208.74	181.79	150.95	116.55	83.50	
234.34	207.91	180.67	149.90	115.95	83.18	27	235.20	208.84	181.69	150.95	116.91	84.04	
234.72	208.00	180.58	149.90	116.29	83.70	26	235.58	208.93	181.60	150.95	117.25	84.56	
235.09	208.10	180.49	149.90	116.62	84.21	25	235.95	209.04	181.51	150.95	117.59	85.08	
235.45	208.20	180.41	149.90	116.94	84.70	24	236.32	209.14	181.43	150.95	117.90	85.58	
235.82	208.31	180.33	149.90	117.24	85.19	23	236.69	209.25	181.36	150.95	118.21	86.06	
236.18	208.42	180.26	149.90	117.53	85.66	22	237.06	209.37	181.29	150.95	118.50	86.54	
236.54	208.53	180.20	149.90	117.81	86.11	21	237.43	209.48	181.23	150.95	118.78	87.00	
236.90	208.65	180.14	149.90	118.07	86.56	20	237.79	209.61	181.17	150.95	119.05	87.45	
237.26	208.78	180.09	149.90	118.33	86.99	19	238.15	209.74	181.12	150.95	119.30	87.89	
237.62	208.91	180.04	149.90	118.57	87.42	18	238.51	209.87	181.08	150.95	119.54	88.31	
237.97	209.04	180.00	149.90	118.80	87.83	17	238.87	210.01	181.04	150.95	119.78	88.73	
238.32	209.19	179.97	149.90	119.02	88.23	16	239.23	210.16	181.01	150.95	120.00	89.13	
238.68	209.33	179.95	149.90	119.24	88.62	15	239.58	210.31	180.99	150.95	120.22	89.53	
239.03	209.49	179.93	149.90	119.44	89.00	14	239.94	210.46	180.97	150.95	120.42	89.91	
239.38	209.65	179.91	149.90	119.63	89.37	13	240.29	210.63	180.96	150.95	120.61	90.28	
239.73	209.82	179.91	149.90	119.82	89.73	12	240.65	210.80	180.95	150.95	120.80	90.65	
240.08	209.99	179.91	149.90	119.99	90.08	11	241.00	210.98	180.95	150.95	120.98	91.00	
240.44	210.18	179.91	149.90	120.16	90.43	10	241.36	211.16	180.96	150.95	121.15	91.35	
240.79	210.37	179.92	149.90	120.32	90.76	9	241.71	211.36	180.97	150.95	121.31	91.68	
241.14	210.57	179.94	149.90	120.47	91.08	8	242.07	211.56	181.00	150.95	121.46	92.01	
241.49	210.77	179.97	149.90	120.62	91.40	7	242.42	211.77	181.02	150.95	121.60	92.33	
241.85	210.99	180.01	149.90	120.75	91.71	6	242.78	211.98	181.06	150.95	121.74	92.64	
242.20	211.21	180.05	149.90	120.88	92.01	5	243.14	212.21	181.10	150.95	121.87	92.95	
242.56	211.44	180.09	149.90	121.00	92.31	4	243.50	212.44	181.15	150.95	121.99	93.25	
242.91	211.69	180.15	149.90	121.12	92.60	3	243.86	212.69	181.21	150.95	122.11	93.54	
243.27	211.94	180.21	149.90	121.23	92.88	2	244.22	212.94	181.27	150.95	122.22	93.82	
243.63	212.20	180.28	149.90	121.33	93.15	1	244.58	213.20	181.34	150.95	122.32	94.09	
244.00	212.47	180.36	149.90	121.43	93.42	0	244.95	213.48	181.42	150.95	122.42	94.37	

154° Sternzeit 10h16min						155° Sternzeit 10h20min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
216.42	204.61	188.83	152.00	82.72	51.08	64	216.98	205.25	189.61	153.06	83.36	51.59
217.22	204.93	188.67	152.00	84.78	52.48	63	217.79	205.58	189.47	153.06	85.45	53.00
218.00	205.23	188.50	152.00	86.74	53.84	62	218.58	205.89	189.31	153.06	87.43	54.39
218.74	205.50	188.33	152.00	88.59	55.18	61	219.34	206.18	189.15	153.06	89.31	55.74
219.47	205.76	188.14	152.00	90.35	56.48	60	220.08	206.45	188.98	153.06	91.09	57.05
220.18	206.00	187.96	152.00	92.02	57.75	59	220.80	206.71	188.80	153.06	92.77	58.33
220.86	206.23	187.77	152.00	93.60	58.98	58	221.50	206.94	188.62	153.06	94.36	59.58
221.53	206.44	187.57	152.00	95.09	60.18	57	222.17	207.16	188.44	153.06	95.88	60.80
222.17	206.63	187.37	152.00	96.51	61.36	56	222.83	207.37	188.25	153.06	97.31	61.99
222.80	206.81	187.18	152.00	97.85	62.50	55	223.47	207.56	188.06	153.06	98.67	63.14
223.42	206.98	186.98	152.00	99.13	63.62	54	224.09	207.74	187.87	153.06	99.96	64.27
224.01	207.14	186.78	152.00	100.34	64.70	53	224.70	207.91	187.68	153.06	101.18	65.37
224.60	207.29	186.58	152.00	101.49	65.76	52	225.29	208.07	187.49	153.06	102.34	66.44
225.17	207.44	186.38	152.00	102.59	66.79	51	225.87	208.22	187.30	153.06	103.44	67.48
225.72	207.57	186.18	152.00	103.63	67.80	50	226.44	208.36	187.11	153.06	104.49	68.50
226.27	207.69	185.99	152.00	104.62	68.78	49	226.99	208.50	186.92	153.06	105.49	69.49
226.80	207.81	185.79	152.00	105.56	69.73	48	227.53	208.63	186.73	153.06	106.44	70.45
227.32	207.93	185.60	152.00	106.45	70.66	47	228.06	208.75	186.55	153.06	107.34	71.39
227.83	208.03	185.42	152.00	107.30	71.56	46	228.57	208.86	186.37	153.06	108.20	72.30
228.32	208.14	185.23	152.00	108.12	72.45	45	229.08	208.97	186.19	153.06	109.02	73.19
228.81	208.24	185.05	152.00	108.89	73.30	44	229.58	209.08	186.01	153.06	109.80	74.06
229.29	208.33	184.88	152.00	109.63	74.14	43	230.06	209.18	185.84	153.06	110.55	74.91
229.77	208.43	184.70	152.00	110.34	74.96	42	230.54	209.28	185.68	153.06	111.26	75.73
230.23	208.52	184.54	152.00	111.01	75.75	41	231.01	209.38	185.51	153.06	111.94	76.53
230.68	208.61	184.37	152.00	111.66	76.52	40	231.47	209.47	185.35	153.06	112.58	77.31
231.13	208.69	184.21	152.00	112.27	77.27	39	231.93	209.57	185.20	153.06	113.20	78.07
231.57	208.78	184.06	152.00	112.86	78.01	38	232.37	209.66	185.05	153.06	113.80	78.81
232.01	208.86	183.91	152.00	113.42	78.72	37	232.81	209.75	184.90	153.06	114.36	79.53
232.43	208.95	183.77	152.00	113.96	79.41	36	233.25	209.84	184.76	153.06	114.90	80.23
232.86	209.04	183.63	152.00	114.47	80.09	35	233.67	209.93	184.63	153.06	115.42	80.91
233.27	209.12	183.50	152.00	114.97	80.75	34	234.10	210.02	184.50	153.06	115.91	81.58
233.68	209.21	183.37	152.00	115.44	81.39	33	234.51	210.11	184.37	153.06	116.39	82.22
234.09	209.30	183.24	152.00	115.89	82.02	32	234.92	210.21	184.25	153.06	116.84	82.85
234.49	209.39	183.13	152.00	116.32	82.62	31	235.33	210.30	184.14	153.06	117.28	83.47
234.89	209.48	183.01	152.00	116.73	83.22	30	235.73	210.40	184.03	153.06	117.69	84.06
235.28	209.57	182.91	152.00	117.13	83.79	29	236.13	210.49	183.93	153.06	118.09	84.64
235.67	209.67	182.81	152.00	117.51	84.35	28	236.52	210.59	183.83	153.06	118.47	85.21
236.06	209.77	182.71	152.00	117.87	84.90	27	236.91	210.70	183.73	153.06	118.84	85.76
236.44	209.87	182.62	152.00	118.22	85.43	26	237.30	210.80	183.65	153.06	119.19	86.30
236.82	209.98	182.54	152.00	118.55	85.95	25	237.68	210.91	183.57	153.06	119.52	86.82
237.20	210.08	182.46	152.00	118.87	86.45	24	238.07	211.03	183.49	153.06	119.84	87.33
237.57	210.20	182.39	152.00	119.18	86.94	23	238.44	211.14	183.42	153.06	120.15	87.82
237.94	210.32	182.32	152.00	119.47	87.42	22	238.82	211.26	183.36	153.06	120.45	88.31
238.31	210.44	182.26	152.00	119.75	87.89	21	239.19	211.39	183.30	153.06	120.73	88.77
238.68	210.56	182.21	152.00	120.02	88.34	20	239.56	211.52	183.25	153.06	121.00	89.23
239.04	210.70	182.16	152.00	120.28	88.78	19	239.93	211.65	183.20	153.06	121.26	89.68
239.40	210.83	182.12	152.00	120.52	89.21	18	240.30	211.79	183.16	153.06	121.50	90.11
239.77	210.98	182.08	152.00	120.76	89.63	17	240.66	211.94	183.13	153.06	121.74	90.53
240.13	211.12	182.05	152.00	120.98	90.04	16	241.03	212.09	183.10	153.06	121.97	90.94
240.49	211.28	182.03	152.00	121.20	90.43	15	241.39	212.25	183.08	153.06	122.18	91.34
240.85	211.44	182.01	152.00	121.40	90.82	14	241.75	212.41	183.06	153.06	122.39	91.73
241.20	211.61	182.00	152.00	121.60	91.20	13	242.11	212.58	183.05	153.06	122.58	92.11
241.56	211.78	182.00	152.00	121.78	91.56	12	242.47	212.76	183.05	153.06	122.77	92.48
241.92	211.96	182.00	152.00	121.96	91.92	11	242.84	212.94	183.05	153.06	122.95	92.84
242.28	212.15	182.01	152.00	122.13	92.27	10	243.20	213.13	183.06	153.06	123.12	93.19
242.64	212.34	182.03	152.00	122.29	92.61	9	243.56	213.33	183.08	153.06	123.28	93.53
242.99	212.55	182.05	152.00	122.45	92.94	8	243.92	213.53	183.10	153.06	123.44	93.87
243.35	212.76	182.08	152.00	122.59	93.26	7	244.28	213.75	183.13	153.06	123.58	94.19
243.71	212.98	182.11	152.00	122.73	93.58	6	244.64	213.97	183.17	153.06	123.72	94.51
244.07	213.20	182.16	152.00	122.86	93.88	5	245.00	214.20	183.21	153.06	123.86	94.82
244.43	213.44	182.21	152.00	122.99	94.18	4	245.37	214.44	183.26	153.06	123.98	95.12
244.80	213.69	182.26	152.00	123.10	94.47	3	245.73	214.69	183.32	153.06	124.10	95.41
245.16	213.94	182.33	152.00	123.21	94.76	2	246.10	214.94	183.39	153.06	124.21	95.70
245.53	214.21	182.40	152.00	123.32	95.04	1	246.47	215.21	183.46	153.06	124.31	95.98
245.89	214.48	182.48	152.00	123.42	95.31	0	246.84	215.49	183.54	153.06	124.41	96.26

156°		Sternzeit				10h24min	157°		Sternzeit				10h28min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
217.53	205.89	190.39	154.11	84.00	52.09	64	218.09	206.52	191.17	155.17	84.65	52.60	
218.36	206.23	190.26	154.11	86.12	53.53	63	218.93	206.89	191.06	155.17	86.79	54.05	
219.16	206.56	190.12	154.11	88.12	54.93	62	219.75	207.23	190.93	155.17	88.82	55.47	
219.94	206.86	189.97	154.11	90.02	56.29	61	220.54	207.54	190.80	155.17	90.74	56.85	
220.69	207.15	189.81	154.11	91.82	57.62	60	221.30	207.84	190.65	155.17	92.56	58.20	
221.42	207.41	189.65	154.11	93.52	58.92	59	222.04	208.12	190.50	155.17	94.28	59.51	
222.13	207.66	189.48	154.11	95.14	60.19	58	222.76	208.38	190.34	155.17	95.91	60.79	
222.82	207.89	189.31	154.11	96.66	61.42	57	223.46	208.62	190.17	155.17	97.45	62.03	
223.49	208.11	189.13	154.11	98.11	62.62	56	224.14	208.85	190.01	155.17	98.92	63.25	
224.14	208.31	188.95	154.11	99.48	63.79	55	224.81	209.06	189.84	155.17	100.30	64.43	
224.77	208.50	188.77	154.11	100.78	64.93	54	225.45	209.26	189.66	155.17	101.61	65.58	
225.39	208.68	188.58	154.11	102.02	66.04	53	226.08	209.45	189.49	155.17	102.86	66.70	
225.99	208.85	188.40	154.11	103.19	67.12	52	226.69	209.63	189.31	155.17	104.04	67.80	
226.58	209.01	188.22	154.11	104.30	68.17	51	227.28	209.80	189.14	155.17	105.17	68.86	
227.15	209.16	188.03	154.11	105.36	69.20	50	227.87	209.96	188.96	155.17	106.23	69.90	
227.71	209.30	187.85	154.11	106.37	70.20	49	228.44	210.11	188.79	155.17	107.25	70.91	
228.26	209.44	187.67	154.11	107.32	71.17	48	228.99	210.25	188.61	155.17	108.21	71.89	
228.79	209.57	187.49	154.11	108.23	72.12	47	229.54	210.39	188.44	155.17	109.13	72.85	
229.32	209.69	187.32	154.11	109.10	73.04	46	230.07	210.52	188.27	155.17	110.00	73.78	
229.83	209.81	187.15	154.11	109.93	73.94	45	230.59	210.64	188.11	155.17	110.83	74.69	
230.34	209.92	186.98	154.11	110.71	74.82	44	231.10	210.76	187.94	155.17	111.63	75.58	
230.83	210.03	186.81	154.11	111.46	75.67	43	231.60	210.88	187.78	155.17	112.38	76.44	
231.32	210.14	186.65	154.11	112.18	76.50	42	232.09	210.99	187.62	155.17	113.10	77.28	
231.79	210.24	186.49	154.11	112.86	77.31	41	232.58	211.10	187.47	155.17	113.79	78.09	
232.26	210.34	186.34	154.11	113.51	78.10	40	233.05	211.21	187.32	155.17	114.45	78.89	
232.72	210.44	186.19	154.11	114.14	78.86	39	233.52	211.31	187.17	155.17	115.08	79.66	
233.17	210.54	186.04	154.11	114.73	79.61	38	233.98	211.42	187.03	155.17	115.67	80.41	
233.62	210.63	185.90	154.11	115.30	80.34	37	234.43	211.52	186.89	155.17	116.25	81.15	
234.06	210.73	185.76	154.11	115.85	81.04	36	234.87	211.62	186.76	155.17	116.80	81.86	
234.49	210.82	185.63	154.11	116.37	81.73	35	235.31	211.72	186.63	155.17	117.32	82.56	
234.92	210.92	185.50	154.11	116.87	82.40	34	235.74	211.82	186.51	155.17	117.82	83.23	
235.34	211.02	185.38	154.11	117.34	83.06	33	236.17	211.92	186.39	155.17	118.30	83.89	
235.76	211.11	185.26	154.11	117.80	83.69	32	236.59	212.02	186.27	155.17	118.76	84.53	
236.17	211.21	185.15	154.11	118.24	84.31	31	237.01	212.13	186.16	155.17	119.20	85.16	
236.58	211.31	185.04	154.11	118.65	84.91	30	237.42	212.23	186.06	155.17	119.62	85.76	
236.98	211.42	184.94	154.11	119.06	85.50	29	237.83	212.34	185.96	155.17	120.02	86.35	
237.38	211.52	184.85	154.11	119.44	86.07	28	238.23	212.45	185.87	155.17	120.41	86.93	
237.77	211.63	184.76	154.11	119.81	86.63	27	238.63	212.56	185.78	155.17	120.78	87.49	
238.16	211.74	184.67	154.11	120.16	87.17	26	239.02	212.67	185.70	155.17	121.13	88.04	
238.55	211.85	184.59	154.11	120.50	87.69	25	239.42	212.79	185.62	155.17	121.47	88.57	
238.94	211.97	184.52	154.11	120.82	88.21	24	239.81	212.91	185.55	155.17	121.80	89.08	
239.32	212.09	184.45	154.11	121.13	88.70	23	240.19	213.03	185.48	155.17	122.11	89.59	
239.70	212.21	184.39	154.11	121.42	89.19	22	240.57	213.16	185.42	155.17	122.40	90.08	
240.07	212.34	184.33	154.11	121.71	89.66	21	240.95	213.29	185.37	155.17	122.69	90.55	
240.45	212.47	184.28	154.11	121.98	90.12	20	241.33	213.43	185.32	155.17	122.96	91.02	
240.82	212.61	184.24	154.11	122.24	90.57	19	241.71	213.57	185.28	155.17	123.22	91.47	
241.19	212.76	184.20	154.11	122.49	91.01	18	242.08	213.72	185.24	155.17	123.47	91.91	
241.56	212.90	184.17	154.11	122.72	91.43	17	242.45	213.87	185.21	155.17	123.71	92.34	
241.93	213.06	184.14	154.11	122.95	91.85	16	242.82	214.02	185.18	155.17	123.94	92.75	
242.29	213.22	184.12	154.11	123.17	92.25	15	243.19	214.19	185.17	155.17	124.16	93.16	
242.66	213.38	184.11	154.11	123.38	92.64	14	243.56	214.36	185.15	155.17	124.37	93.56	
243.02	213.56	184.10	154.11	123.57	93.03	13	243.93	214.53	185.15	155.17	124.56	93.94	
243.39	213.74	184.10	154.11	123.76	93.40	12	244.30	214.71	185.15	155.17	124.75	94.32	
243.75	213.92	184.10	154.11	123.94	93.76	11	244.66	214.90	185.15	155.17	124.93	94.68	
244.11	214.11	184.11	154.11	124.11	94.11	10	245.03	215.09	185.16	155.17	125.11	95.04	
244.48	214.31	184.13	154.11	124.28	94.46	9	245.40	215.30	185.18	155.17	125.27	95.38	
244.84	214.52	184.15	154.11	124.43	94.79	8	245.76	215.51	185.21	155.17	125.43	95.72	
245.21	214.74	184.19	154.11	124.58	95.12	7	246.13	215.72	185.24	155.17	125.58	96.05	
245.57	214.96	184.22	154.11	124.72	95.44	6	246.50	215.95	185.28	155.17	125.72	96.37	
245.94	215.19	184.27	154.11	124.85	95.75	5	246.87	216.18	185.33	155.17	125.85	96.69	
246.30	215.43	184.32	154.11	124.98	96.06	4	247.23	216.43	185.38	155.17	125.98	96.99	
246.67	215.68	184.38	154.11	125.10	96.35	3	247.60	216.68	185.44	155.17	126.09	97.29	
247.04	215.94	184.45	154.11	125.21	96.64	2	247.98	216.94	185.51	155.17	126.21	97.58	
247.41	216.21	184.52	154.11	125.31	96.92	1	248.35	217.21	185.58	155.17	126.31	97.87	
247.78	216.49	184.60	154.11	125.41	97.20	0	248.72	217.49	185.66	155.17	126.41	98.15	

158° Sternzeit 10h32min						159° Sternzeit 10h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
218.65	207.16	191.96	156.23	85.29	53.11	64	219.20	207.80	192.74	157.29	85.93	53.61
219.50	207.54	191.86	156.23	87.46	54.58	63	220.07	208.19	192.65	157.29	88.12	55.10
220.33	207.89	191.74	156.23	89.51	56.01	62	220.91	208.56	192.55	157.29	90.20	56.55
221.13	208.22	191.62	156.23	91.45	57.41	61	221.73	208.90	192.44	157.29	92.17	57.96
221.91	208.53	191.49	156.23	93.29	58.77	60	222.52	209.23	192.32	157.29	94.03	59.34
222.67	208.82	191.34	156.23	95.03	60.10	59	223.29	209.53	192.19	157.29	95.79	60.68
223.40	209.09	191.20	156.23	96.68	61.39	58	224.03	209.81	192.06	157.29	97.46	61.99
224.11	209.35	191.04	156.23	98.24	62.65	57	224.76	210.08	191.91	157.29	99.04	63.26
224.80	209.59	190.89	156.23	99.72	63.88	56	225.46	210.33	191.76	157.29	100.53	64.51
225.47	209.81	190.72	156.23	101.12	65.07	55	226.14	210.56	191.61	157.29	101.94	65.71
226.13	210.02	190.56	156.23	102.45	66.24	54	226.81	210.78	191.46	157.29	103.28	66.89
226.76	210.22	190.39	156.23	103.71	67.37	53	227.45	210.99	191.30	157.29	104.55	68.04
227.39	210.41	190.23	156.23	104.90	68.48	52	228.08	211.19	191.14	157.29	105.76	69.16
227.99	210.59	190.06	156.23	106.03	69.55	51	228.70	211.37	190.98	157.29	106.90	70.24
228.58	210.75	189.89	156.23	107.11	70.60	50	229.30	211.55	190.82	157.29	107.98	71.30
229.16	210.91	189.72	156.23	108.13	71.62	49	229.89	211.72	190.66	157.29	109.02	72.33
229.72	211.06	189.55	156.23	109.10	72.61	48	230.46	211.88	190.50	157.29	110.00	73.34
230.28	211.21	189.39	156.23	110.03	73.58	47	231.02	212.03	190.34	157.29	110.93	74.31
230.82	211.35	189.23	156.23	110.91	74.52	46	231.57	212.18	190.18	157.29	111.81	75.27
231.35	211.48	189.06	156.23	111.74	75.44	45	232.10	212.32	190.02	157.29	112.66	76.19
231.86	211.61	188.91	156.23	112.54	76.33	44	232.63	212.45	189.87	157.29	113.46	77.09
232.37	211.73	188.75	156.23	113.30	77.20	43	233.14	212.58	189.72	157.29	114.23	77.97
232.87	211.85	188.60	156.23	114.03	78.05	42	233.65	212.70	189.57	157.29	114.96	78.83
233.36	211.96	188.45	156.23	114.72	78.87	41	234.14	212.83	189.43	157.29	115.66	79.66
233.84	212.08	188.30	156.23	115.38	79.68	40	234.63	212.94	189.29	157.29	116.32	80.47
234.31	212.19	188.16	156.23	116.02	80.46	39	235.11	213.06	189.15	157.29	116.96	81.26
234.78	212.30	188.02	156.23	116.62	81.22	38	235.58	213.18	189.01	157.29	117.57	82.02
235.24	212.40	187.89	156.23	117.20	81.96	37	236.04	213.29	188.88	157.29	118.15	82.77
235.69	212.51	187.76	156.23	117.75	82.68	36	236.50	213.40	188.76	157.29	118.70	83.50
236.13	212.61	187.63	156.23	118.27	83.38	35	236.95	213.51	188.64	157.29	119.23	84.20
236.57	212.72	187.51	156.23	118.78	84.06	34	237.39	213.62	188.52	157.29	119.74	84.89
237.00	212.83	187.40	156.23	119.26	84.73	33	237.83	213.73	188.40	157.29	120.22	85.56
237.43	212.93	187.29	156.23	119.72	85.37	32	238.26	213.84	188.30	157.29	120.69	86.21
237.85	213.04	187.18	156.23	120.16	86.00	31	238.69	213.95	188.19	157.29	121.13	86.85
238.27	213.15	187.08	156.23	120.59	86.61	30	239.11	214.07	188.10	157.29	121.56	87.47
238.68	213.26	186.98	156.23	120.99	87.21	29	239.53	214.18	188.00	157.29	121.97	88.07
239.08	213.37	186.89	156.23	121.38	87.79	28	239.94	214.30	187.91	157.29	122.36	88.65
239.49	213.49	186.81	156.23	121.75	88.36	27	240.34	214.42	187.83	157.29	122.73	89.22
239.89	213.61	186.73	156.23	122.11	88.91	26	240.75	214.54	187.75	157.29	123.09	89.78
240.28	213.73	186.65	156.23	122.45	89.44	25	241.15	214.66	187.68	157.29	123.43	90.32
240.67	213.85	186.58	156.23	122.78	89.96	24	241.54	214.79	187.61	157.29	123.76	90.84
241.06	213.98	186.52	156.23	123.09	90.47	23	241.94	214.92	187.55	157.29	124.07	91.35
241.45	214.11	186.46	156.23	123.39	90.96	22	242.33	215.06	187.49	157.29	124.37	91.85
241.83	214.24	186.41	156.23	123.67	91.44	21	242.72	215.19	187.44	157.29	124.66	92.33
242.22	214.38	186.36	156.23	123.95	91.91	20	243.10	215.34	187.40	157.29	124.94	92.81
242.60	214.53	186.32	156.23	124.21	92.37	19	243.48	215.48	187.36	157.29	125.20	93.26
242.97	214.68	186.28	156.23	124.46	92.81	18	243.86	215.64	187.32	157.29	125.45	93.71
243.35	214.83	186.25	156.23	124.70	93.24	17	244.24	215.79	187.30	157.29	125.69	94.15
243.72	214.99	186.23	156.23	124.93	93.66	16	244.62	215.95	187.27	157.29	125.92	94.57
244.10	215.16	186.21	156.23	125.15	94.07	15	245.00	216.12	187.26	157.29	126.14	94.98
244.47	215.33	186.20	156.23	125.36	94.47	14	245.37	216.30	187.25	157.29	126.35	95.38
244.84	215.50	186.19	156.23	125.56	94.86	13	245.75	216.48	187.24	157.29	126.55	95.77
245.21	215.69	186.20	156.23	125.75	95.23	12	246.12	216.66	187.25	157.29	126.75	96.15
245.58	215.88	186.20	156.23	125.93	95.60	11	246.49	216.85	187.25	157.29	126.93	96.52
245.95	216.07	186.22	156.23	126.10	95.96	10	246.86	217.05	187.27	157.29	127.10	96.89
246.32	216.28	186.24	156.23	126.27	96.31	9	247.23	217.26	187.29	157.29	127.27	97.24
246.69	216.49	186.26	156.23	126.43	96.65	8	247.61	217.47	187.32	157.29	127.43	97.58
247.05	216.71	186.30	156.23	126.57	96.98	7	247.98	217.70	187.35	157.29	127.58	97.91
247.42	216.94	186.34	156.23	126.72	97.31	6	248.35	217.92	187.39	157.29	127.72	98.24
247.79	217.17	186.38	156.23	126.85	97.62	5	248.72	218.16	187.44	157.29	127.85	98.56
248.17	217.42	186.44	156.23	126.98	97.93	4	249.09	218.41	187.50	157.29	127.98	98.87
248.54	217.67	186.50	156.23	127.10	98.23	3	249.47	218.66	187.56	157.29	128.10	99.17
248.91	217.93	186.57	156.23	127.21	98.52	2	249.84	218.93	187.63	157.29	128.21	99.47
249.29	218.20	186.64	156.23	127.32	98.81	1	250.22	219.20	187.70	157.29	128.32	99.75
249.66	218.49	186.73	156.23	127.42	99.09	0	250.60	219.48	187.79	157.29	128.42	100.04

160° Sternzeit 10h40min						161° Sternzeit 10h44min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
219.75	208.44	193.52	158.36	86.57	54.11	64	220.31	209.08	194.30	159.43	87.21	54.61
220.64	208.84	193.45	158.36	88.79	55.62	63	221.21	209.50	194.25	159.43	89.46	56.14
221.50	209.23	193.36	158.36	90.90	57.09	62	222.08	209.89	194.17	159.43	91.59	57.62
222.33	209.58	193.27	158.36	92.89	58.52	61	222.93	210.26	194.09	159.43	93.61	59.07
223.13	209.92	193.16	158.36	94.77	59.91	60	223.74	210.61	193.99	159.43	95.51	60.48
223.91	210.23	193.04	158.36	96.55	61.27	59	224.54	210.94	193.89	159.43	97.31	61.85
224.67	210.53	192.91	158.36	98.24	62.59	58	225.30	211.25	193.77	159.43	99.02	63.19
225.40	210.81	192.78	158.36	99.83	63.88	57	226.05	211.54	193.65	159.43	100.63	64.50
226.12	211.07	192.64	158.36	101.34	65.13	56	226.78	211.81	193.52	159.43	102.15	65.76
226.81	211.31	192.50	158.36	102.77	66.36	55	227.48	212.06	193.39	159.43	103.59	67.00
227.49	211.54	192.35	158.36	104.12	67.55	54	228.17	212.31	193.25	159.43	104.96	68.20
228.14	211.76	192.21	158.36	105.40	68.71	53	228.83	212.53	193.11	159.43	106.25	69.38
228.78	211.97	192.05	158.36	106.62	69.84	52	229.48	212.75	192.97	159.43	107.48	70.52
229.41	212.16	191.90	158.36	107.77	70.93	51	230.12	212.95	192.82	159.43	108.64	71.63
230.02	212.35	191.75	158.36	108.86	72.00	50	230.73	213.15	192.68	159.43	109.75	72.71
230.61	212.53	191.59	158.36	109.90	73.05	49	231.34	213.33	192.53	159.43	110.80	73.76
231.19	212.69	191.44	158.36	110.89	74.06	48	231.93	213.51	192.38	159.43	111.79	74.79
231.76	212.85	191.29	158.36	111.83	75.05	47	232.50	213.68	192.23	159.43	112.74	75.78
232.32	213.01	191.13	158.36	112.72	76.01	46	233.07	213.84	192.09	159.43	113.64	76.75
232.86	213.15	190.98	158.36	113.58	76.94	45	233.62	213.99	191.94	159.43	114.50	77.70
233.39	213.29	190.84	158.36	114.39	77.86	44	234.16	214.14	191.80	159.43	115.31	78.62
233.91	213.43	190.69	158.36	115.16	78.74	43	234.69	214.28	191.66	159.43	116.09	79.51
234.43	213.56	190.55	158.36	115.89	79.60	42	235.21	214.42	191.52	159.43	116.83	80.38
234.93	213.69	190.41	158.36	116.60	80.44	41	235.72	214.55	191.39	159.43	117.54	81.23
235.42	213.81	190.27	158.36	117.27	81.26	40	236.22	214.68	191.25	159.43	118.21	82.06
235.91	213.94	190.14	158.36	117.91	82.06	39	236.71	214.81	191.12	159.43	118.86	82.86
236.39	214.06	190.01	158.36	118.52	82.83	38	237.19	214.94	191.00	159.43	119.47	83.64
236.85	214.17	189.88	158.36	119.10	83.58	37	237.66	215.06	190.88	159.43	120.06	84.40
237.32	214.29	189.76	158.36	119.66	84.32	36	238.13	215.18	190.76	159.43	120.62	85.14
237.77	214.41	189.64	158.36	120.19	85.03	35	238.59	215.30	190.64	159.43	121.16	85.86
238.22	214.52	189.52	158.36	120.70	85.72	34	239.05	215.42	190.53	159.43	121.67	86.56
238.66	214.64	189.41	158.36	121.19	86.40	33	239.49	215.54	190.42	159.43	122.16	87.24
239.10	214.75	189.31	158.36	121.66	87.06	32	239.93	215.66	190.32	159.43	122.63	87.90
239.53	214.87	189.21	158.36	122.10	87.70	31	240.37	215.78	190.22	159.43	123.08	88.55
239.95	214.99	189.11	158.36	122.53	88.32	30	240.80	215.90	190.13	159.43	123.51	89.18
240.38	215.10	189.02	158.36	122.94	88.93	29	241.23	216.03	190.04	159.43	123.92	89.79
240.79	215.23	188.94	158.36	123.33	89.52	28	241.65	216.15	189.96	159.43	124.31	90.38
241.20	215.35	188.86	158.36	123.71	90.09	27	242.06	216.28	189.88	159.43	124.69	90.96
241.61	215.47	188.78	158.36	124.07	90.65	26	242.47	216.41	189.81	159.43	125.05	91.52
242.01	215.60	188.71	158.36	124.41	91.19	25	242.88	216.54	189.74	159.43	125.40	92.07
242.41	215.73	188.64	158.36	124.74	91.72	24	243.29	216.67	189.68	159.43	125.73	92.60
242.81	215.87	188.58	158.36	125.06	92.24	23	243.69	216.81	189.62	159.43	126.05	93.12
243.21	216.00	188.53	158.36	125.36	92.74	22	244.08	216.95	189.57	159.43	126.35	93.63
243.60	216.14	188.48	158.36	125.65	93.23	21	244.48	217.09	189.52	159.43	126.64	94.12
243.99	216.29	188.44	158.36	125.93	93.70	20	244.87	217.24	189.48	159.43	126.92	94.60
244.37	216.44	188.40	158.36	126.19	94.16	19	245.26	217.40	189.44	159.43	127.19	95.06
244.76	216.59	188.37	158.36	126.44	94.61	18	245.65	217.55	189.41	159.43	127.44	95.52
245.14	216.75	188.34	158.36	126.69	95.05	17	246.03	217.71	189.38	159.43	127.68	95.96
245.52	216.92	188.32	158.36	126.92	95.48	16	246.42	217.88	189.37	159.43	127.92	96.39
245.90	217.09	188.30	158.36	127.14	95.89	15	246.80	218.05	189.35	159.43	128.14	96.81
246.27	217.27	188.30	158.36	127.35	96.30	14	247.18	218.23	189.34	159.43	128.35	97.21
246.65	217.45	188.29	158.36	127.55	96.69	13	247.56	218.42	189.34	159.43	128.55	97.61
247.03	217.64	188.30	158.36	127.75	97.07	12	247.93	218.61	189.35	159.43	128.75	97.99
247.40	217.83	188.31	158.36	127.93	97.45	11	248.31	218.80	189.36	159.43	128.93	98.37
247.78	218.03	188.32	158.36	128.10	97.81	10	248.69	219.01	189.38	159.43	129.11	98.74
248.15	218.24	188.34	158.36	128.27	98.17	9	249.07	219.22	189.40	159.43	129.27	99.09
248.52	218.46	188.37	158.36	128.43	98.51	8	249.44	219.44	189.43	159.43	129.43	99.44
248.90	218.68	188.41	158.36	128.58	98.85	7	249.82	219.66	189.47	159.43	129.58	99.78
249.27	218.91	188.45	158.36	128.72	99.17	6	250.19	219.89	189.51	159.43	129.73	100.11
249.65	219.15	188.50	158.36	128.86	99.49	5	250.57	220.13	189.56	159.43	129.86	100.43
250.02	219.40	188.56	158.36	128.98	99.81	4	250.95	220.38	189.62	159.43	129.99	100.75
250.40	219.65	188.62	158.36	129.11	100.11	3	251.33	220.64	189.68	159.43	130.11	101.05
250.78	219.92	188.69	158.36	129.22	100.41	2	251.71	220.91	189.75	159.43	130.23	101.35
251.16	220.19	188.77	158.36	129.33	100.70	1	252.09	221.18	189.83	159.43	130.34	101.64
251.54	220.48	188.85	158.36	129.43	100.98	0	252.47	221.47	189.91	159.43	130.44	101.93

162° Sternzeit 10h48min						163° Sternzeit 10h52min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
220.86	209.71	195.08	160.50	87.85	55.12	64	221.42	210.35	195.87	161.57	88.49	55.61
221.78	210.15	195.04	160.50	90.13	56.66	63	222.35	210.80	195.84	161.57	90.80	57.17
222.66	210.56	194.98	160.50	92.29	58.16	62	223.25	211.23	195.79	161.57	92.98	58.70
223.52	210.95	194.91	160.50	94.33	59.62	61	224.12	211.63	195.74	161.57	95.05	60.18
224.35	211.31	194.83	160.50	96.26	61.05	60	224.96	212.00	195.67	161.57	97.00	61.62
225.16	211.65	194.74	160.50	98.08	62.44	59	225.78	212.35	195.58	161.57	98.84	63.03
225.94	211.97	194.63	160.50	99.80	63.79	58	226.58	212.69	195.49	161.57	100.58	64.39
226.70	212.27	194.52	160.50	101.43	65.11	57	227.35	213.00	195.39	161.57	102.23	65.73
227.43	212.55	194.40	160.50	102.97	66.39	56	228.09	213.29	195.28	161.57	103.78	67.02
228.15	212.82	194.28	160.50	104.42	67.64	55	228.82	213.57	195.17	161.57	105.26	68.29
228.85	213.07	194.15	160.50	105.80	68.86	54	229.53	213.83	195.05	161.57	106.65	69.52
229.52	213.31	194.02	160.50	107.11	70.05	53	230.22	214.08	194.92	161.57	107.97	70.72
230.18	213.53	193.88	160.50	108.35	71.20	52	230.89	214.32	194.80	161.57	109.22	71.88
230.83	213.75	193.75	160.50	109.52	72.32	51	231.54	214.54	194.67	161.57	110.40	73.02
231.45	213.95	193.61	160.50	110.63	73.41	50	232.17	214.75	194.54	161.57	111.52	74.12
232.07	214.14	193.47	160.50	111.69	74.48	49	232.79	214.95	194.40	161.57	112.59	75.19
232.66	214.32	193.32	160.50	112.69	75.51	48	233.40	215.14	194.27	161.57	113.60	76.24
233.25	214.50	193.18	160.50	113.65	76.52	47	233.99	215.32	194.13	161.57	114.56	77.26
233.82	214.67	193.04	160.50	114.56	77.50	46	234.57	215.50	194.00	161.57	115.48	78.25
234.38	214.83	192.91	160.50	115.42	78.45	45	235.14	215.67	193.87	161.57	116.35	79.21
234.93	214.98	192.77	160.50	116.24	79.38	44	235.69	215.83	193.73	161.57	117.17	80.15
235.46	215.13	192.63	160.50	117.02	80.28	43	236.24	215.98	193.60	161.57	117.96	81.06
235.99	215.28	192.50	160.50	117.77	81.16	42	236.77	216.14	193.47	161.57	118.71	81.95
236.50	215.42	192.37	160.50	118.48	82.02	41	237.29	216.28	193.35	161.57	119.43	82.81
237.01	215.55	192.24	160.50	119.16	82.85	40	237.80	216.42	193.22	161.57	120.11	83.65
237.51	215.69	192.11	160.50	119.81	83.66	39	238.31	216.56	193.10	161.57	120.76	84.47
237.99	215.82	191.99	160.50	120.43	84.45	38	238.80	216.70	192.98	161.57	121.39	85.26
238.48	215.95	191.87	160.50	121.02	85.22	37	239.29	216.83	192.87	161.57	121.98	86.03
238.95	216.07	191.76	160.50	121.58	85.96	36	239.77	216.96	192.76	161.57	122.55	86.79
239.41	216.20	191.65	160.50	122.12	86.69	35	240.24	217.10	192.65	161.57	123.09	87.52
239.87	216.32	191.54	160.50	122.64	87.39	34	240.70	217.22	192.54	161.57	123.61	88.23
240.32	216.45	191.43	160.50	123.13	88.08	33	241.16	217.35	192.44	161.57	124.11	88.92
240.77	216.57	191.33	160.50	123.60	88.75	32	241.61	217.48	192.35	161.57	124.58	89.60
241.21	216.70	191.24	160.50	124.06	89.40	31	242.05	217.61	192.26	161.57	125.04	90.25
241.65	216.82	191.15	160.50	124.49	90.03	30	242.49	217.74	192.17	161.57	125.47	90.89
242.08	216.95	191.06	160.50	124.90	90.65	29	242.93	217.87	192.09	161.57	125.89	91.51
242.50	217.08	190.98	160.50	125.30	91.25	28	243.36	218.00	192.01	161.57	126.29	92.12
242.92	217.21	190.91	160.50	125.68	91.83	27	243.78	218.14	191.93	161.57	126.67	92.70
243.34	217.34	190.84	160.50	126.04	92.40	26	244.20	218.27	191.86	161.57	127.03	93.28
243.75	217.47	190.77	160.50	126.39	92.95	25	244.61	218.41	191.80	161.57	127.38	93.83
244.16	217.61	190.71	160.50	126.72	93.49	24	245.03	218.55	191.74	161.57	127.72	94.37
244.56	217.75	190.65	160.50	127.04	94.01	23	245.43	218.70	191.69	161.57	128.04	94.90
244.96	217.90	190.60	160.50	127.35	94.52	22	245.84	218.84	191.64	161.57	128.34	95.41
245.36	218.04	190.56	160.50	127.64	95.01	21	246.24	218.99	191.59	161.57	128.64	95.91
245.75	218.19	190.52	160.50	127.92	95.50	20	246.64	219.15	191.56	161.57	128.92	96.40
246.15	218.35	190.48	160.50	128.18	95.97	19	247.03	219.30	191.52	161.57	129.18	96.87
246.54	218.51	190.45	160.50	128.44	96.42	18	247.43	219.47	191.50	161.57	129.44	97.33
246.93	218.68	190.43	160.50	128.68	96.87	17	247.82	219.63	191.47	161.57	129.69	97.78
247.31	218.84	190.41	160.50	128.92	97.30	16	248.21	219.81	191.46	161.57	129.92	98.21
247.70	219.02	190.40	160.50	129.14	97.72	15	248.60	219.98	191.45	161.57	130.15	98.63
248.08	219.20	190.39	160.50	129.35	98.13	14	248.98	220.17	191.44	161.57	130.36	99.05
248.46	219.39	190.39	160.50	129.56	98.53	13	249.37	220.36	191.44	161.57	130.56	99.45
248.84	219.58	190.40	160.50	129.75	98.92	12	249.75	220.55	191.45	161.57	130.76	99.84
249.22	219.78	190.41	160.50	129.94	99.29	11	250.13	220.75	191.46	161.57	130.95	100.22
249.60	219.98	190.43	160.50	130.11	99.66	10	250.51	220.96	191.48	161.57	131.12	100.59
249.98	220.20	190.45	160.50	130.28	100.02	9	250.89	221.17	191.51	161.57	131.29	100.95
250.36	220.42	190.48	160.50	130.44	100.37	8	251.28	221.39	191.54	161.57	131.45	101.30
250.74	220.64	190.52	160.50	130.59	100.71	7	251.66	221.62	191.58	161.57	131.60	101.65
251.12	220.88	190.57	160.50	130.74	101.04	6	252.04	221.86	191.62	161.57	131.75	101.98
251.50	221.12	190.62	160.50	130.87	101.37	5	252.42	222.10	191.68	161.57	131.88	102.31
251.87	221.37	190.67	160.50	131.00	101.68	4	252.80	222.35	191.73	161.57	132.01	102.62
252.25	221.63	190.74	160.50	131.12	101.99	3	253.18	222.61	191.80	161.57	132.14	102.93
252.64	221.90	190.81	160.50	131.24	102.29	2	253.56	222.88	191.87	161.57	132.25	103.24
253.02	222.17	190.89	160.50	131.35	102.59	1	253.95	223.16	191.95	161.57	132.36	103.53
253.40	222.46	190.98	160.50	131.45	102.87	0	254.33	223.45	192.04	161.57	132.46	103.82

164° Sternzeit 10h56min						165° Sternzeit 11h 0min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
221.97	210.99	196.65	162.64	89.13	56.11	64	222.52	211.63	197.43	163.72	89.77	56.61
222.92	211.46	196.64	162.64	91.47	57.69	63	223.48	212.11	197.43	163.72	92.14	58.21
223.83	211.90	196.61	162.64	93.68	59.23	62	224.41	212.56	197.42	163.72	94.38	59.76
224.72	212.31	196.56	162.64	95.77	60.73	61	225.32	212.99	197.38	163.72	96.49	61.28
225.58	212.70	196.50	162.64	97.74	62.19	60	226.19	213.39	197.34	163.72	98.49	62.76
226.41	213.06	196.43	162.64	99.61	63.61	59	227.03	213.77	197.28	163.72	100.38	64.20
227.21	213.41	196.35	162.64	101.37	64.99	58	227.85	214.13	197.21	163.72	102.16	65.60
228.00	213.73	196.26	162.64	103.03	66.34	57	228.65	214.46	197.13	163.72	103.84	66.96
228.76	214.04	196.16	162.64	104.60	67.66	56	229.42	214.78	197.04	163.72	105.43	68.29
229.49	214.32	196.06	162.64	106.09	68.93	55	230.17	215.08	196.95	163.72	106.93	69.58
230.21	214.60	195.95	162.64	107.50	70.18	54	230.89	215.36	196.85	163.72	108.35	70.83
230.91	214.85	195.83	162.64	108.83	71.39	53	231.60	215.63	196.74	163.72	109.69	72.06
231.59	215.10	195.71	162.64	110.09	72.56	52	232.29	215.88	196.63	163.72	110.96	73.25
232.25	215.33	195.59	162.64	111.28	73.71	51	232.96	216.12	196.51	163.72	112.17	74.41
232.90	215.55	195.47	162.64	112.41	74.83	50	233.62	216.35	196.40	163.72	113.31	75.53
233.52	215.76	195.34	162.64	113.49	75.91	49	234.26	216.57	196.28	163.72	114.39	76.63
234.14	215.96	195.21	162.64	114.51	76.97	48	234.88	216.78	196.16	163.72	115.42	77.70
234.74	216.15	195.08	162.64	115.48	77.99	47	235.49	216.97	196.03	163.72	116.40	78.73
235.33	216.33	194.96	162.64	116.40	78.99	46	236.08	217.16	195.91	163.72	117.33	79.74
235.90	216.51	194.83	162.64	117.28	79.97	45	236.66	217.35	195.79	163.72	118.21	80.73
236.46	216.67	194.70	162.64	118.11	80.91	44	237.23	217.52	195.67	163.72	119.05	81.68
237.01	216.84	194.58	162.64	118.90	81.83	43	237.79	217.69	195.55	163.72	119.85	82.61
237.55	216.99	194.45	162.64	119.66	82.73	42	238.33	217.85	195.43	163.72	120.61	83.51
238.08	217.15	194.33	162.64	120.38	83.60	41	238.87	218.01	195.31	163.72	121.33	84.39
238.60	217.29	194.21	162.64	121.07	84.45	40	239.40	218.17	195.20	163.72	122.03	85.25
239.11	217.44	194.09	162.64	121.72	85.27	39	239.91	218.32	195.08	163.72	122.69	86.08
239.61	217.58	193.98	162.64	122.35	86.07	38	240.42	218.46	194.97	163.72	123.32	86.89
240.10	217.72	193.87	162.64	122.95	86.85	37	240.91	218.61	194.86	163.72	123.92	87.68
240.58	217.86	193.76	162.64	123.52	87.61	36	241.40	218.75	194.76	163.72	124.49	88.44
241.06	217.99	193.65	162.64	124.06	88.35	35	241.88	218.89	194.66	163.72	125.04	89.19
241.53	218.13	193.55	162.64	124.59	89.07	34	242.36	219.03	194.56	163.72	125.57	89.91
241.99	218.26	193.46	162.64	125.09	89.77	33	242.83	219.17	194.47	163.72	126.07	90.61
242.45	218.39	193.36	162.64	125.56	90.45	32	243.29	219.30	194.38	163.72	126.55	91.30
242.90	218.53	193.27	162.64	126.02	91.11	31	243.74	219.44	194.29	163.72	127.01	91.97
243.34	218.66	193.19	162.64	126.46	91.75	30	244.19	219.58	194.21	163.72	127.44	92.61
243.78	218.79	193.11	162.64	126.87	92.38	29	244.63	219.72	194.13	163.72	127.87	93.24
244.21	218.93	193.03	162.64	127.27	92.99	28	245.07	219.86	194.06	163.72	128.27	93.86
244.64	219.07	192.96	162.64	127.66	93.58	27	245.50	220.00	193.99	163.72	128.65	94.45
245.06	219.21	192.89	162.64	128.02	94.15	26	245.93	220.14	193.92	163.72	129.02	95.03
245.48	219.35	192.83	162.64	128.38	94.71	25	246.35	220.28	193.86	163.72	129.37	95.60
245.90	219.49	192.77	162.64	128.71	95.26	24	246.77	220.43	193.81	163.72	129.71	96.15
246.31	219.64	192.72	162.64	129.03	95.79	23	247.18	220.58	193.76	163.72	130.03	96.68
246.72	219.79	192.67	162.64	129.34	96.31	22	247.60	220.73	193.71	163.72	130.34	97.20
247.12	219.94	192.63	162.64	129.64	96.81	21	248.00	220.89	193.67	163.72	130.64	97.71
247.52	220.10	192.60	162.64	129.92	97.30	20	248.41	221.05	193.64	163.72	130.92	98.20
247.92	220.26	192.56	162.64	130.19	97.77	19	248.81	221.21	193.61	163.72	131.19	98.68
248.32	220.42	192.54	162.64	130.45	98.24	18	249.21	221.38	193.58	163.72	131.45	99.14
248.71	220.59	192.52	162.64	130.69	98.69	17	249.61	221.55	193.56	163.72	131.70	99.60
249.10	220.77	192.50	162.64	130.93	99.12	16	250.00	221.73	193.55	163.72	131.94	100.04
249.49	220.95	192.49	162.64	131.15	99.55	15	250.39	221.91	193.54	163.72	132.16	100.47
249.88	221.13	192.49	162.64	131.37	99.97	14	250.78	222.10	193.54	163.72	132.38	100.89
250.27	221.32	192.49	162.64	131.57	100.37	13	251.17	222.29	193.54	163.72	132.58	101.29
250.66	221.52	192.50	162.64	131.77	100.76	12	251.56	222.49	193.55	163.72	132.78	101.69
251.04	221.72	192.52	162.64	131.96	101.15	11	251.95	222.69	193.57	163.72	132.97	102.07
251.42	221.93	192.54	162.64	132.13	101.52	10	252.34	222.90	193.59	163.72	133.15	102.45
251.81	222.15	192.56	162.64	132.30	101.88	9	252.72	223.12	193.62	163.72	133.32	102.81
252.19	222.37	192.60	162.64	132.46	102.24	8	253.11	223.35	193.65	163.72	133.48	103.17
252.57	222.60	192.63	162.64	132.62	102.58	7	253.49	223.58	193.69	163.72	133.63	103.52
252.96	222.84	192.68	162.64	132.76	102.92	6	253.87	223.82	193.74	163.72	133.78	103.85
253.34	223.08	192.73	162.64	132.90	103.24	5	254.26	224.06	193.79	163.72	133.91	104.18
253.72	223.34	192.79	162.64	133.03	103.56	4	254.64	224.32	193.85	163.72	134.04	104.50
254.11	223.60	192.86	162.64	133.15	103.87	3	255.03	224.58	193.92	163.72	134.17	104.82
254.49	223.87	192.93	162.64	133.27	104.18	2	255.41	224.85	193.99	163.72	134.28	105.12
254.88	224.15	193.01	162.64	133.38	104.47	1	255.80	225.13	194.07	163.72	134.39	105.42
255.26	224.44	193.10	162.64	133.48	104.76	0	256.19	225.42	194.16	163.72	134.50	105.71

166° Sternzeit 11h 4min						167° Sternzeit 11h 8min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
223.07	212.26	198.21	164.80	90.41	57.10	64	223.63	212.90	198.99	165.87	91.04	57.60
224.05	212.76	198.23	164.80	92.81	58.72	63	224.62	213.42	199.02	165.87	93.48	59.24
225.00	213.23	198.23	164.80	95.08	60.30	62	225.58	213.90	199.04	165.87	95.78	60.83
225.91	213.67	198.21	164.80	97.22	61.83	61	226.51	214.36	199.03	165.87	97.94	62.38
226.80	214.09	198.17	164.80	99.24	63.33	60	227.41	214.78	199.01	165.87	99.99	63.89
227.66	214.48	198.13	164.80	101.15	64.78	59	228.28	215.19	198.98	165.87	101.92	65.37
228.49	214.85	198.07	164.80	102.95	66.20	58	229.13	215.57	198.93	165.87	103.74	66.80
229.30	215.20	198.00	164.80	104.65	67.58	57	229.95	215.93	198.87	165.87	105.46	68.19
230.08	215.52	197.92	164.80	106.25	68.92	56	230.74	216.27	198.80	165.87	107.08	69.55
230.84	215.83	197.84	164.80	107.77	70.22	55	231.51	216.59	198.73	165.87	108.61	70.87
231.58	216.13	197.74	164.80	109.20	71.49	54	232.26	216.89	198.64	165.87	110.06	72.15
232.30	216.40	197.65	164.80	110.56	72.73	53	232.99	217.18	198.55	165.87	111.43	73.40
233.00	216.67	197.54	164.80	111.84	73.93	52	233.70	217.45	198.46	165.87	112.72	74.62
233.68	216.92	197.44	164.80	113.06	75.10	51	234.39	217.71	198.36	165.87	113.95	75.80
234.34	217.15	197.33	164.80	114.21	76.24	50	235.06	217.96	198.26	165.87	115.11	76.95
234.99	217.38	197.21	164.80	115.30	77.35	49	235.72	218.19	198.15	165.87	116.21	78.07
235.62	217.60	197.10	164.80	116.34	78.43	48	236.36	218.42	198.04	165.87	117.26	79.16
236.24	217.80	196.98	164.80	117.32	79.48	47	236.99	218.63	197.93	165.87	118.25	80.22
236.84	218.00	196.87	164.80	118.26	80.50	46	237.60	218.83	197.82	165.87	119.19	81.25
237.43	218.19	196.75	164.80	119.14	81.49	45	238.19	219.03	197.71	165.87	120.08	82.25
238.00	218.37	196.64	164.80	119.99	82.45	44	238.78	219.22	197.60	165.87	120.94	83.22
238.57	218.54	196.52	164.80	120.79	83.39	43	239.35	219.40	197.49	165.87	121.75	84.17
239.12	218.71	196.41	164.80	121.56	84.30	42	239.91	219.58	197.38	165.87	122.52	85.09
239.66	218.88	196.29	164.80	122.29	85.19	41	240.45	219.75	197.27	165.87	123.25	85.99
240.19	219.04	196.18	164.80	122.99	86.05	40	240.99	219.91	197.17	165.87	123.95	86.86
240.71	219.19	196.07	164.80	123.65	86.89	39	241.52	220.07	197.06	165.87	124.62	87.70
241.23	219.35	195.97	164.80	124.29	87.71	38	242.04	220.23	196.96	165.87	125.26	88.53
241.73	219.50	195.86	164.80	124.89	88.50	37	242.55	220.38	196.86	165.87	125.87	89.33
242.22	219.64	195.76	164.80	125.47	89.27	36	243.05	220.54	196.76	165.87	126.45	90.10
242.71	219.79	195.66	164.80	126.02	90.02	35	243.54	220.69	196.67	165.87	127.00	90.86
243.19	219.93	195.57	164.80	126.55	90.75	34	244.02	220.83	196.58	165.87	127.53	91.60
243.66	220.07	195.48	164.80	127.05	91.46	33	244.50	220.98	196.49	165.87	128.04	92.31
244.13	220.21	195.39	164.80	127.53	92.15	32	244.97	221.13	196.40	165.87	128.52	93.01
244.58	220.36	195.31	164.80	128.00	92.82	31	245.43	221.27	196.32	165.87	128.99	93.69
245.04	220.50	195.23	164.80	128.44	93.48	30	245.89	221.42	196.25	165.87	129.43	94.34
245.48	220.64	195.15	164.80	128.86	94.11	29	246.34	221.56	196.17	165.87	129.86	94.98
245.92	220.78	195.08	164.80	129.26	94.73	28	246.78	221.71	196.10	165.87	130.26	95.61
246.36	220.93	195.01	164.80	129.65	95.33	27	247.22	221.86	196.04	165.87	130.65	96.21
246.79	221.07	194.95	164.80	130.02	95.92	26	247.66	222.01	195.98	165.87	131.02	96.80
247.22	221.22	194.89	164.80	130.37	96.49	25	248.09	222.16	195.92	165.87	131.38	97.37
247.64	221.37	194.84	164.80	130.71	97.04	24	248.51	222.31	195.87	165.87	131.72	97.93
248.06	221.52	194.79	164.80	131.04	97.58	23	248.94	222.46	195.83	165.87	132.04	98.47
248.47	221.68	194.75	164.80	131.35	98.10	22	249.35	222.62	195.78	165.87	132.36	99.00
248.88	221.84	194.71	164.80	131.65	98.61	21	249.77	222.78	195.75	165.87	132.65	99.51
249.29	222.00	194.68	164.80	131.93	99.10	20	250.18	222.95	195.72	165.87	132.94	100.01
249.70	222.16	194.65	164.80	132.20	99.59	19	250.59	223.12	195.69	165.87	133.21	100.50
250.10	222.34	194.62	164.80	132.46	100.05	18	250.99	223.29	195.67	165.87	133.47	100.97
250.50	222.51	194.61	164.80	132.71	100.51	17	251.39	223.47	195.65	165.87	133.72	101.43
250.90	222.69	194.60	164.80	132.95	100.95	16	251.79	223.65	195.64	165.87	133.96	101.87
251.29	222.87	194.59	164.80	133.17	101.39	15	252.19	223.83	195.64	165.87	134.19	102.31
251.69	223.06	194.59	164.80	133.39	101.81	14	252.59	224.02	195.64	165.87	134.41	102.73
252.08	223.26	194.59	164.80	133.60	102.22	13	252.98	224.22	195.64	165.87	134.61	103.14
252.47	223.46	194.60	164.80	133.80	102.61	12	253.37	224.42	195.65	165.87	134.81	103.54
252.86	223.66	194.62	164.80	133.98	103.00	11	253.77	224.63	195.67	165.87	135.00	103.93
253.25	223.88	194.64	164.80	134.16	103.38	10	254.16	224.85	195.70	165.87	135.18	104.31
253.63	224.09	194.67	164.80	134.33	103.75	9	254.54	225.07	195.73	165.87	135.35	104.68
254.02	224.32	194.71	164.80	134.49	104.10	8	254.93	225.29	195.76	165.87	135.51	105.04
254.41	224.55	194.75	164.80	134.65	104.45	7	255.32	225.53	195.80	165.87	135.67	105.39
254.79	224.79	194.80	164.80	134.79	104.79	6	255.71	225.77	195.85	165.87	135.81	105.73
255.18	225.04	194.85	164.80	134.93	105.12	5	256.10	226.02	195.91	165.87	135.95	106.06
255.56	225.30	194.91	164.80	135.06	105.45	4	256.48	226.28	195.97	165.87	136.08	106.39
255.95	225.56	194.98	164.80	135.19	105.76	3	256.87	226.54	196.04	165.87	136.21	106.70
256.34	225.83	195.05	164.80	135.30	106.07	2	257.26	226.81	196.11	165.87	136.33	107.01
256.73	226.12	195.14	164.80	135.41	106.37	1	257.65	227.10	196.20	165.87	136.44	107.31
257.12	226.41	195.22	164.80	135.52	106.66	0	258.04	227.39	196.29	165.87	136.54	107.60

168° Sternzeit 11h12min						169° Sternzeit 11h16min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
224.18	213.54	199.77	166.96	91.68	58.09	64	224.73	214.18	200.55	168.04	92.32	58.58
225.19	214.07	199.82	166.96	94.15	59.75	63	225.76	214.72	200.61	168.04	94.82	60.26
226.16	214.57	199.85	166.96	96.48	61.36	62	226.75	215.24	200.66	168.04	97.18	61.89
227.11	215.04	199.85	166.96	98.67	62.93	61	227.71	215.72	200.68	168.04	99.40	63.48
228.02	215.48	199.85	166.96	100.74	64.46	60	228.64	216.18	200.68	168.04	101.50	65.03
228.91	215.90	199.82	166.96	102.69	65.95	59	229.54	216.61	200.67	168.04	103.47	66.54
229.77	216.29	199.79	166.96	104.54	67.40	58	230.41	217.01	200.65	168.04	105.33	68.00
230.60	216.66	199.74	166.96	106.27	68.81	57	231.25	217.40	200.61	168.04	107.09	69.43
231.40	217.01	199.68	166.96	107.91	70.18	56	232.07	217.76	200.56	168.04	108.75	70.82
232.19	217.35	199.62	166.96	109.46	71.52	55	232.86	218.10	200.51	168.04	110.31	72.17
232.95	217.66	199.54	166.96	110.92	72.82	54	233.64	218.43	200.44	168.04	111.78	73.48
233.69	217.96	199.46	166.96	112.30	74.08	53	234.39	218.73	200.37	168.04	113.18	74.76
234.41	218.24	199.38	166.96	113.61	75.31	52	235.12	219.03	200.29	168.04	114.50	76.00
235.11	218.51	199.28	166.96	114.85	76.50	51	235.83	219.30	200.21	168.04	115.74	77.20
235.79	218.76	199.19	166.96	116.02	77.67	50	236.52	219.57	200.12	168.04	116.92	78.38
236.46	219.00	199.09	166.96	117.13	78.80	49	237.19	219.82	200.03	168.04	118.04	79.52
237.10	219.24	198.99	166.96	118.18	79.90	48	237.85	220.06	199.93	168.04	119.10	80.63
237.74	219.46	198.89	166.96	119.18	80.96	47	238.49	220.29	199.84	168.04	120.11	81.71
238.35	219.67	198.78	166.96	120.13	82.00	46	239.12	220.50	199.74	168.04	121.07	82.76
238.96	219.87	198.68	166.96	121.03	83.01	45	239.73	220.71	199.64	168.04	121.97	83.78
239.55	220.07	198.57	166.96	121.88	84.00	44	240.32	220.92	199.54	168.04	122.84	84.77
240.13	220.26	198.47	166.96	122.70	84.95	43	240.91	221.11	199.44	168.04	123.66	85.74
240.69	220.44	198.36	166.96	123.48	85.88	42	241.48	221.30	199.34	168.04	124.44	86.67
241.25	220.61	198.26	166.96	124.22	86.78	41	242.04	221.48	199.24	168.04	125.18	87.59
241.79	220.78	198.15	166.96	124.92	87.66	40	242.59	221.66	199.14	168.04	125.89	88.47
242.33	220.95	198.05	166.96	125.59	88.52	39	243.13	221.83	199.04	168.04	126.57	89.33
242.85	221.11	197.95	166.96	126.23	89.35	38	243.66	222.00	198.95	168.04	127.21	90.17
243.36	221.27	197.86	166.96	126.85	90.15	37	244.18	222.16	198.86	168.04	127.83	90.98
243.87	221.43	197.76	166.96	127.43	90.94	36	244.69	222.32	198.77	168.04	128.42	91.77
244.36	221.58	197.67	166.96	127.99	91.70	35	245.19	222.48	198.68	168.04	128.98	92.54
244.85	221.74	197.58	166.96	128.52	92.44	34	245.69	222.64	198.59	168.04	129.51	93.29
245.34	221.89	197.50	166.96	129.03	93.16	33	246.17	222.79	198.51	168.04	130.02	94.02
245.81	222.04	197.42	166.96	129.52	93.87	32	246.65	222.95	198.43	168.04	130.51	94.73
246.28	222.19	197.34	166.96	129.98	94.55	31	247.12	223.10	198.36	168.04	130.98	95.41
246.74	222.34	197.27	166.96	130.43	95.21	30	247.59	223.25	198.28	168.04	131.43	96.08
247.19	222.48	197.19	166.96	130.85	95.86	29	248.05	223.41	198.22	168.04	131.86	96.73
247.64	222.63	197.13	166.96	131.26	96.48	28	248.50	223.56	198.15	168.04	132.27	97.36
248.09	222.79	197.07	166.96	131.65	97.09	27	248.95	223.72	198.09	168.04	132.66	97.98
248.52	222.94	197.01	166.96	132.03	97.69	26	249.39	223.87	198.04	168.04	133.03	98.57
248.96	223.09	196.95	166.96	132.38	98.26	25	249.83	224.03	197.98	168.04	133.39	99.15
249.39	223.25	196.91	166.96	132.73	98.82	24	250.26	224.19	197.94	168.04	133.74	99.72
249.81	223.41	196.86	166.96	133.05	99.37	23	250.69	224.35	197.90	168.04	134.06	100.27
250.23	223.57	196.82	166.96	133.37	99.90	22	251.11	224.51	197.86	168.04	134.38	100.80
250.65	223.73	196.79	166.96	133.67	100.42	21	251.53	224.68	197.82	168.04	134.68	101.32
251.06	223.90	196.76	166.96	133.95	100.92	20	251.95	224.85	197.80	168.04	134.97	101.83
251.47	224.07	196.73	166.96	134.23	101.41	19	252.36	225.02	197.77	168.04	135.24	102.32
251.88	224.24	196.71	166.96	134.49	101.88	18	252.77	225.20	197.75	168.04	135.51	102.80
252.29	224.42	196.70	166.96	134.74	102.34	17	253.18	225.38	197.74	168.04	135.76	103.26
252.69	224.61	196.69	166.96	134.98	102.79	16	253.59	225.56	197.73	168.04	136.00	103.71
253.09	224.79	196.68	166.96	135.21	103.23	15	253.99	225.75	197.73	168.04	136.23	104.15
253.49	224.99	196.68	166.96	135.43	103.65	14	254.39	225.95	197.73	168.04	136.45	104.58
253.88	225.19	196.69	166.96	135.63	104.07	13	254.79	226.15	197.74	168.04	136.65	105.00
254.28	225.39	196.70	166.96	135.83	104.47	12	255.18	226.35	197.75	168.04	136.85	105.40
254.67	225.60	196.72	166.96	136.02	104.86	11	255.58	226.57	197.77	168.04	137.04	105.79
255.06	225.81	196.75	166.96	136.20	105.24	10	255.97	226.78	197.80	168.04	137.22	106.18
255.46	226.04	196.78	166.96	136.37	105.62	9	256.37	227.01	197.83	168.04	137.40	106.55
255.85	226.27	196.82	166.96	136.54	105.98	8	256.76	227.24	197.87	168.04	137.56	106.91
256.24	226.50	196.86	166.96	136.69	106.33	7	257.15	227.47	197.91	168.04	137.71	107.27
256.63	226.74	196.91	166.96	136.84	106.67	6	257.54	227.72	197.96	168.04	137.86	107.61
257.01	226.99	196.96	166.96	136.98	107.01	5	257.93	227.97	198.02	168.04	138.00	107.95
257.40	227.25	197.03	166.96	137.11	107.33	4	258.32	228.23	198.08	168.04	138.13	108.28
257.79	227.52	197.10	166.96	137.23	107.65	3	258.71	228.49	198.15	168.04	138.26	108.59
258.18	227.79	197.17	166.96	137.35	107.96	2	259.10	228.77	198.23	168.04	138.37	108.90
258.57	228.08	197.26	166.96	137.46	108.26	1	259.50	229.05	198.32	168.04	138.49	109.21
258.97	228.37	197.35	166.96	137.56	108.55	0	259.89	229.35	198.41	168.04	138.59	109.50

170°		Sternzeit				11h20min	Br.	171°		Sternzeit				11h24min
Asz.	XII	XI	MC	IX	VIII	Asz.		XII	XI	MC	IX	VIII		
225.28	214.82	201.33	169.12	92.96	59.07	64	225.83	215.45	202.11	170.20	93.59	59.56		
226.32	215.38	201.41	169.12	95.49	60.77	63	226.89	216.03	202.21	170.20	96.16	61.28		
227.33	215.91	201.47	169.12	97.88	62.42	62	227.92	216.58	202.27	170.20	98.58	62.95		
228.31	216.40	201.50	169.12	100.13	64.03	61	228.91	217.09	202.32	170.20	100.86	64.58		
229.25	216.88	201.52	169.12	102.25	65.60	60	229.86	217.57	202.35	170.20	103.01	66.17		
230.16	217.32	201.52	169.12	104.25	67.12	59	230.79	218.03	202.37	170.20	105.03	67.71		
231.05	217.74	201.51	169.12	106.13	68.60	58	231.69	218.46	202.37	170.20	106.94	69.21		
231.90	218.13	201.48	169.12	107.91	70.05	57	232.56	218.87	202.35	170.20	108.73	70.67		
232.73	218.51	201.44	169.12	109.58	71.45	56	233.40	219.25	202.33	170.20	110.42	72.08		
233.54	218.86	201.40	169.12	111.16	72.81	55	234.22	219.62	202.29	170.20	112.02	73.46		
234.32	219.20	201.34	169.12	112.65	74.14	54	235.01	219.96	202.24	170.20	113.52	74.81		
235.08	219.51	201.28	169.12	114.06	75.43	53	235.79	220.29	202.19	170.20	114.94	76.11		
235.82	219.81	201.21	169.12	115.39	76.69	52	236.54	220.60	202.12	170.20	116.28	77.38		
236.54	220.10	201.13	169.12	116.65	77.91	51	237.26	220.90	202.06	170.20	117.55	78.61		
237.25	220.37	201.05	169.12	117.84	79.09	50	237.98	221.18	201.98	170.20	118.75	79.81		
237.93	220.63	200.97	169.12	118.96	80.25	49	238.67	221.45	201.91	170.20	119.89	80.98		
238.59	220.88	200.88	169.12	120.03	81.37	48	239.34	221.70	201.82	170.20	120.97	82.11		
239.24	221.12	200.79	169.12	121.05	82.46	47	240.00	221.95	201.74	170.20	121.99	83.21		
239.88	221.34	200.70	169.12	122.01	83.52	46	240.64	222.18	201.65	170.20	122.96	84.28		
240.50	221.56	200.60	169.12	122.92	84.55	45	241.27	222.40	201.56	170.20	123.88	85.32		
241.10	221.77	200.51	169.12	123.79	85.55	44	241.88	222.62	201.47	170.20	124.75	86.33		
241.69	221.97	200.41	169.12	124.62	86.52	43	242.48	222.83	201.38	170.20	125.58	87.31		
242.27	222.16	200.32	169.12	125.41	87.47	42	243.07	223.03	201.29	170.20	126.37	88.27		
242.84	222.35	200.22	169.12	126.15	88.39	41	243.64	223.22	201.20	170.20	127.13	89.19		
243.40	222.53	200.13	169.12	126.87	89.28	40	244.20	223.41	201.11	170.20	127.85	90.10		
243.94	222.71	200.03	169.12	127.55	90.15	39	244.75	223.59	201.03	170.20	128.53	90.97		
244.48	222.88	199.94	169.12	128.20	91.00	38	245.29	223.77	200.94	170.20	129.18	91.82		
245.00	223.05	199.85	169.12	128.81	91.82	37	245.82	223.94	200.85	170.20	129.80	92.65		
245.52	223.22	199.77	169.12	129.40	92.61	36	246.34	224.12	200.77	170.20	130.40	93.45		
246.02	223.38	199.68	169.12	129.97	93.39	35	246.86	224.28	200.69	170.20	130.96	94.24		
246.52	223.54	199.60	169.12	130.51	94.14	34	247.36	224.45	200.61	170.20	131.50	95.00		
247.01	223.70	199.52	169.12	131.02	94.88	33	247.86	224.61	200.53	170.20	132.02	95.73		
247.50	223.86	199.45	169.12	131.51	95.59	32	248.34	224.77	200.46	170.20	132.52	96.45		
247.97	224.02	199.37	169.12	131.98	96.28	31	248.82	224.93	200.39	170.20	132.99	97.15		
248.44	224.17	199.30	169.12	132.43	96.95	30	249.30	225.09	200.32	170.20	133.44	97.83		
248.91	224.33	199.24	169.12	132.86	97.61	29	249.76	225.25	200.26	170.20	133.87	98.49		
249.36	224.49	199.18	169.12	133.27	98.24	28	250.22	225.41	200.20	170.20	134.28	99.13		
249.81	224.65	199.12	169.12	133.67	98.86	27	250.68	225.58	200.14	170.20	134.68	99.75		
250.26	224.80	199.07	169.12	134.04	99.46	26	251.13	225.74	200.09	170.20	135.06	100.36		
250.70	224.96	199.02	169.12	134.40	100.05	25	251.57	225.90	200.05	170.20	135.42	100.94		
251.14	225.13	198.97	169.12	134.75	100.62	24	252.01	226.06	200.00	170.20	135.77	101.52		
251.57	225.29	198.93	169.12	135.08	101.17	23	252.45	226.23	199.96	170.20	136.10	102.07		
251.99	225.46	198.89	169.12	135.40	101.71	22	252.88	226.40	199.93	170.20	136.41	102.61		
252.42	225.62	198.86	169.12	135.70	102.23	21	253.30	226.57	199.90	170.20	136.72	103.14		
252.84	225.80	198.83	169.12	135.99	102.74	20	253.72	226.75	199.87	170.20	137.01	103.65		
253.25	225.97	198.81	169.12	136.26	103.23	19	254.14	226.92	199.85	170.20	137.28	104.15		
253.67	226.15	198.80	169.12	136.53	103.71	18	254.56	227.10	199.84	170.20	137.55	104.63		
254.08	226.33	198.78	169.12	136.78	104.18	17	254.97	227.29	199.83	170.20	137.80	105.10		
254.48	226.52	198.78	169.12	137.02	104.63	16	255.38	227.48	199.82	170.20	138.04	105.56		
254.89	226.71	198.78	169.12	137.25	105.08	15	255.79	227.67	199.82	170.20	138.27	106.00		
255.29	226.91	198.78	169.12	137.47	105.51	14	256.19	227.87	199.83	170.20	138.49	106.44		
255.69	227.11	198.79	169.12	137.68	105.93	13	256.60	228.07	199.84	170.20	138.70	106.86		
256.09	227.32	198.80	169.12	137.88	106.33	12	257.00	228.28	199.85	170.20	138.90	107.27		
256.49	227.53	198.83	169.12	138.07	106.73	11	257.39	228.50	199.88	170.20	139.10	107.66		
256.88	227.75	198.85	169.12	138.25	107.11	10	257.79	228.72	199.90	170.20	139.28	108.05		
257.28	227.97	198.88	169.12	138.42	107.49	9	258.19	228.94	199.94	170.20	139.45	108.43		
257.67	228.21	198.92	169.12	138.59	107.85	8	258.58	229.17	199.98	170.20	139.61	108.79		
258.06	228.44	198.97	169.12	138.74	108.21	7	258.98	229.41	200.02	170.20	139.77	109.15		
258.46	228.69	199.02	169.12	138.89	108.56	6	259.37	229.66	200.07	170.20	139.92	109.50		
258.85	228.94	199.08	169.12	139.03	108.89	5	259.77	229.91	200.13	170.20	140.06	109.84		
259.24	229.20	199.14	169.12	139.16	109.22	4	260.16	230.17	200.20	170.20	140.19	110.17		
259.63	229.47	199.21	169.12	139.28	109.54	3	260.55	230.44	200.27	170.20	140.31	110.49		
260.03	229.74	199.29	169.12	139.40	109.85	2	260.94	230.72	200.35	170.20	140.43	110.80		
260.42	230.03	199.37	169.12	139.51	110.16	1	261.34	231.00	200.43	170.20	140.54	111.10		
260.81	230.32	199.47	169.12	139.62	110.45	0	261.73	231.30	200.52	170.20	140.65	111.40		

172° Sternzeit 11h28min						173° Sternzeit 11h32min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
226.38	216.09	202.89	171.29	94.23	60.05	64	226.93	216.73	203.67	172.38	94.87	60.54
227.46	216.68	203.00	171.29	96.83	61.79	63	228.03	217.34	203.79	172.38	97.50	62.30
228.50	217.24	203.08	171.29	99.29	63.48	62	229.08	217.91	203.89	172.38	99.99	64.01
229.51	217.77	203.15	171.29	101.60	65.13	61	230.11	218.46	203.97	172.38	102.33	65.68
230.48	218.27	203.19	171.29	103.77	66.73	60	231.09	218.97	204.03	172.38	104.53	67.30
231.42	218.74	203.22	171.29	105.82	68.29	59	232.05	219.45	204.06	172.38	106.60	68.88
232.33	219.19	203.23	171.29	107.74	69.81	58	232.97	219.91	204.09	172.38	108.55	70.41
233.21	219.61	203.22	171.29	109.56	71.29	57	233.87	220.34	204.09	172.38	110.38	71.91
234.07	220.00	203.21	171.29	111.26	72.72	56	234.74	220.75	204.09	172.38	112.11	73.36
234.90	220.38	203.18	171.29	112.88	74.12	55	235.58	221.14	204.07	172.38	113.74	74.77
235.70	220.73	203.14	171.29	114.39	75.47	54	236.40	221.51	204.04	172.38	115.27	76.14
236.49	221.07	203.10	171.29	115.83	76.79	53	237.19	221.85	204.00	172.38	116.72	77.47
237.25	221.39	203.04	171.29	117.18	78.07	52	237.96	222.18	203.96	172.38	118.08	78.77
237.99	221.70	202.98	171.29	118.46	79.32	51	238.71	222.50	203.91	172.38	119.37	80.03
238.71	221.99	202.91	171.29	119.67	80.53	50	239.44	222.80	203.85	172.38	120.60	81.25
239.41	222.26	202.84	171.29	120.82	81.71	49	240.15	223.08	203.78	172.38	121.75	82.44
240.09	222.53	202.77	171.29	121.90	82.85	48	240.84	223.35	203.71	172.38	122.84	83.60
240.76	222.78	202.69	171.29	122.93	83.96	47	241.52	223.61	203.64	172.38	123.88	84.72
241.41	223.02	202.61	171.29	123.91	85.04	46	242.17	223.86	203.57	172.38	124.86	85.81
242.04	223.25	202.53	171.29	124.83	86.09	45	242.82	224.10	203.49	172.38	125.80	86.87
242.66	223.47	202.44	171.29	125.71	87.11	44	243.44	224.33	203.41	172.38	126.68	87.90
243.27	223.69	202.36	171.29	126.55	88.10	43	244.06	224.55	203.33	172.38	127.52	88.90
243.86	223.89	202.27	171.29	127.35	89.07	42	244.66	224.76	203.25	172.38	128.32	89.87
244.44	224.09	202.19	171.29	128.11	90.00	41	245.24	224.96	203.17	172.38	129.09	90.81
245.01	224.29	202.10	171.29	128.83	90.91	40	245.82	225.16	203.09	172.38	129.81	91.73
245.57	224.47	202.02	171.29	129.51	91.79	39	246.38	225.36	203.01	172.38	130.50	92.62
246.11	224.66	201.93	171.29	130.17	92.65	38	246.93	225.54	202.93	172.38	131.16	93.49
246.65	224.84	201.85	171.29	130.79	93.49	37	247.47	225.73	202.85	172.38	131.79	94.33
247.17	225.01	201.77	171.29	131.39	94.30	36	248.00	225.91	202.77	172.38	132.39	95.14
247.69	225.18	201.69	171.29	131.96	95.09	35	248.53	226.09	202.70	172.38	132.96	95.94
248.20	225.35	201.62	171.29	132.50	95.85	34	249.04	226.26	202.62	172.38	133.51	96.71
248.70	225.52	201.54	171.29	133.02	96.60	33	249.54	226.43	202.55	172.38	134.03	97.46
249.19	225.69	201.47	171.29	133.52	97.32	32	250.04	226.60	202.49	172.38	134.53	98.19
249.68	225.85	201.41	171.29	134.00	98.02	31	250.53	226.77	202.42	172.38	135.01	98.90
250.15	226.02	201.34	171.29	134.45	98.70	30	251.01	226.94	202.36	172.38	135.46	99.58
250.62	226.18	201.28	171.29	134.88	99.37	29	251.49	227.10	202.30	172.38	135.90	100.25
251.09	226.34	201.22	171.29	135.30	100.01	28	251.95	227.27	202.25	172.38	136.31	100.90
251.55	226.51	201.17	171.29	135.69	100.64	27	252.41	227.44	202.20	172.38	136.71	101.53
252.00	226.67	201.12	171.29	136.07	101.25	26	252.87	227.60	202.15	172.38	137.09	102.15
252.45	226.84	201.08	171.29	136.44	101.84	25	253.32	227.77	202.11	172.38	137.46	102.74
252.89	227.00	201.03	171.29	136.78	102.42	24	253.77	227.94	202.07	172.38	137.81	103.32
253.33	227.17	201.00	171.29	137.12	102.98	23	254.21	228.11	202.03	172.38	138.14	103.89
253.76	227.34	200.96	171.29	137.43	103.52	22	254.64	228.29	202.00	172.38	138.46	104.43
254.19	227.52	200.94	171.29	137.74	104.05	21	255.07	228.46	201.97	172.38	138.76	104.97
254.61	227.69	200.91	171.29	138.03	104.57	20	255.50	228.64	201.95	172.38	139.06	105.48
255.03	227.87	200.89	171.29	138.31	105.07	19	255.93	228.82	201.93	172.38	139.33	105.99
255.45	228.06	200.88	171.29	138.57	105.55	18	256.35	229.01	201.92	172.38	139.60	106.47
255.87	228.24	200.87	171.29	138.83	106.02	17	256.76	229.20	201.91	172.38	139.86	106.95
256.28	228.44	200.87	171.29	139.07	106.48	16	257.18	229.39	201.91	172.38	140.10	107.41
256.69	228.63	200.87	171.29	139.30	106.93	15	257.59	229.59	201.91	172.38	140.33	107.86
257.09	228.83	200.87	171.29	139.52	107.37	14	258.00	229.79	201.92	172.38	140.55	108.30
257.50	229.04	200.88	171.29	139.73	107.79	13	258.40	230.00	201.93	172.38	140.76	108.72
257.90	229.25	200.90	171.29	139.93	108.20	12	258.81	230.21	201.95	172.38	140.96	109.14
258.30	229.46	200.93	171.29	140.12	108.60	11	259.21	230.42	201.97	172.38	141.16	109.54
258.70	229.68	200.95	171.29	140.31	108.99	10	259.61	230.65	202.00	172.38	141.34	109.93
259.10	229.91	200.99	171.29	140.48	109.37	9	260.01	230.87	202.04	172.38	141.51	110.31
259.50	230.14	201.03	171.29	140.64	109.74	8	260.41	231.11	202.08	172.38	141.68	110.68
259.89	230.38	201.07	171.29	140.80	110.09	7	260.81	231.35	202.13	172.38	141.83	111.04
260.29	230.63	201.13	171.29	140.95	110.44	6	261.20	231.60	202.18	172.38	141.98	111.39
260.68	230.88	201.19	171.29	141.09	110.78	5	261.60	231.85	202.24	172.38	142.12	111.73
261.08	231.14	201.25	171.29	141.22	111.11	4	261.99	232.11	202.31	172.38	142.25	112.06
261.47	231.41	201.32	171.29	141.35	111.44	3	262.39	232.38	202.38	172.38	142.38	112.39
261.86	231.69	201.40	171.29	141.46	111.75	2	262.78	232.66	202.46	172.38	142.50	112.70
262.26	231.98	201.49	171.29	141.57	112.06	1	263.18	232.95	202.54	172.38	142.61	113.01
262.65	232.27	201.58	171.29	141.68	112.35	0	263.57	233.24	202.64	172.38	142.71	113.31

174° Sternzeit 11h36min						175° Sternzeit 11h40min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
227.48	217.37	204.45	173.46	95.50	61.03	64	228.04	218.00	205.23	174.55	96.14	61.51
228.60	217.99	204.59	173.46	98.18	62.81	63	229.16	218.65	205.38	174.55	98.85	63.32
229.67	218.58	204.70	173.46	100.70	64.54	62	230.25	219.26	205.51	174.55	101.40	65.07
230.71	219.14	204.79	173.46	103.07	66.23	61	231.31	219.83	205.61	174.55	103.80	66.78
231.71	219.67	204.86	173.46	105.30	67.87	60	232.33	220.37	205.70	174.55	106.06	68.44
232.68	220.17	204.91	173.46	107.39	69.47	59	233.31	220.88	205.76	174.55	108.18	70.05
233.62	220.64	204.95	173.46	109.36	71.02	58	234.26	221.36	205.80	174.55	110.18	71.63
234.53	221.08	204.96	173.46	111.22	72.53	57	235.19	221.82	205.83	174.55	112.05	73.15
235.41	221.50	204.97	173.46	112.96	74.00	56	236.08	222.25	205.85	174.55	113.81	74.64
236.26	221.90	204.96	173.46	114.60	75.42	55	236.95	222.66	205.85	174.55	115.47	76.08
237.09	222.28	204.94	173.46	116.15	76.81	54	237.79	223.05	205.84	174.55	117.04	77.48
237.89	222.64	204.91	173.46	117.61	78.16	53	238.60	223.42	205.82	174.55	118.51	78.84
238.68	222.98	204.87	173.46	118.99	79.47	52	239.39	223.77	205.79	174.55	119.90	80.17
239.44	223.30	204.83	173.46	120.29	80.74	51	240.16	224.10	205.75	174.55	121.21	81.45
240.17	223.61	204.78	173.46	121.52	81.97	50	240.91	224.42	205.71	174.55	122.45	82.70
240.89	223.90	204.72	173.46	122.69	83.18	49	241.64	224.72	205.66	174.55	123.62	83.91
241.59	224.18	204.66	173.46	123.79	84.34	48	242.35	225.01	205.60	174.55	124.73	85.09
242.28	224.44	204.59	173.46	124.83	85.48	47	243.04	225.28	205.55	174.55	125.79	86.24
242.94	224.70	204.52	173.46	125.82	86.58	46	243.71	225.54	205.48	174.55	126.78	87.35
243.59	224.95	204.45	173.46	126.76	87.65	45	244.37	225.79	205.42	174.55	127.73	88.43
244.23	225.18	204.38	173.46	127.65	88.68	44	245.01	226.04	205.35	174.55	128.62	89.47
244.85	225.41	204.30	173.46	128.50	89.69	43	245.64	226.27	205.28	174.55	129.48	90.49
245.45	225.63	204.23	173.46	129.30	90.67	42	246.25	226.49	205.20	174.55	130.29	91.48
246.05	225.84	204.15	173.46	130.07	91.63	41	246.85	226.71	205.13	174.55	131.06	92.44
246.63	226.04	204.07	173.46	130.80	92.55	40	247.44	226.92	205.06	174.55	131.79	93.37
247.20	226.24	204.00	173.46	131.50	93.45	39	248.01	227.12	204.99	174.55	132.49	94.28
247.75	226.43	203.92	173.46	132.16	94.32	38	248.58	227.32	204.92	174.55	133.16	95.16
248.30	226.62	203.85	173.46	132.79	95.17	37	249.13	227.52	204.84	174.55	133.79	96.02
248.84	226.81	203.77	173.46	133.39	95.99	36	249.67	227.71	204.77	174.55	134.40	96.85
249.36	226.99	203.70	173.46	133.97	96.79	35	250.20	227.89	204.71	174.55	134.97	97.65
249.88	227.17	203.63	173.46	134.52	97.57	34	250.72	228.07	204.64	174.55	135.53	98.43
250.39	227.34	203.57	173.46	135.04	98.33	33	251.24	228.25	204.58	174.55	136.05	99.20
250.89	227.51	203.50	173.46	135.54	99.06	32	251.74	228.43	204.51	174.55	136.56	99.93
251.38	227.69	203.44	173.46	136.02	99.77	31	252.24	228.60	204.45	174.55	137.04	100.65
251.87	227.86	203.38	173.46	136.48	100.47	30	252.73	228.78	204.40	174.55	137.50	101.35
252.35	228.03	203.32	173.46	136.91	101.14	29	253.21	228.95	204.34	174.55	137.93	102.03
252.82	228.20	203.27	173.46	137.33	101.79	28	253.69	229.12	204.29	174.55	138.35	102.69
253.28	228.37	203.22	173.46	137.73	102.43	27	254.16	229.30	204.25	174.55	138.76	103.33
253.74	228.54	203.18	173.46	138.11	103.05	26	254.62	229.47	204.20	174.55	139.14	103.95
254.20	228.71	203.13	173.46	138.48	103.65	25	255.08	229.64	204.16	174.55	139.51	104.55
254.65	228.88	203.10	173.46	138.83	104.23	24	255.53	229.82	204.13	174.55	139.86	105.14
255.09	229.06	203.06	173.46	139.17	104.80	23	255.97	230.00	204.10	174.55	140.19	105.71
255.53	229.23	203.03	173.46	139.49	105.35	22	256.41	230.17	204.07	174.55	140.51	106.26
255.96	229.41	203.01	173.46	139.79	105.88	21	256.85	230.36	204.04	174.55	140.82	106.80
256.39	229.59	202.99	173.46	140.08	106.40	20	257.28	230.54	204.02	174.55	141.11	107.32
256.82	229.77	202.97	173.46	140.36	106.91	19	257.71	230.72	204.01	174.55	141.40	107.83
257.24	229.96	202.96	173.46	140.63	107.40	18	258.14	230.91	204.00	174.55	141.66	108.33
257.66	230.15	202.95	173.46	140.89	107.88	17	258.56	231.11	203.99	174.55	141.92	108.81
258.08	230.35	202.95	173.46	141.13	108.34	16	258.98	231.30	203.99	174.55	142.16	109.27
258.49	230.55	202.96	173.46	141.36	108.79	15	259.39	231.50	204.00	174.55	142.40	109.73
258.90	230.75	202.96	173.46	141.58	109.23	14	259.80	231.71	204.01	174.55	142.62	110.17
259.31	230.96	202.98	173.46	141.80	109.66	13	260.21	231.92	204.02	174.55	142.83	110.60
259.71	231.17	203.00	173.46	142.00	110.07	12	260.62	232.13	204.04	174.55	143.03	111.01
260.12	231.39	203.02	173.46	142.19	110.48	11	261.03	232.35	204.07	174.55	143.23	111.42
260.52	231.61	203.05	173.46	142.37	110.87	10	261.43	232.57	204.10	174.55	143.41	111.81
260.92	231.84	203.09	173.46	142.55	111.25	9	261.83	232.80	204.14	174.55	143.58	112.20
261.32	232.07	203.13	173.46	142.71	111.62	8	262.23	233.04	204.18	174.55	143.75	112.57
261.72	232.32	203.18	173.46	142.87	111.98	7	262.63	233.28	204.23	174.55	143.91	112.93
262.12	232.56	203.23	173.46	143.02	112.34	6	263.03	233.53	204.28	174.55	144.05	113.29
262.51	232.82	203.29	173.46	143.16	112.68	5	263.43	233.79	204.34	174.55	144.20	113.63
262.91	233.08	203.36	173.46	143.29	113.01	4	263.82	234.05	204.41	174.55	144.33	113.96
263.30	233.35	203.43	173.46	143.42	113.34	3	264.22	234.32	204.49	174.55	144.45	114.29
263.70	233.63	203.51	173.46	143.53	113.65	2	264.62	234.60	204.57	174.55	144.57	114.60
264.10	233.92	203.60	173.46	143.64	113.96	1	265.01	234.89	204.65	174.55	144.68	114.91
264.49	234.21	203.69	173.46	143.75	114.26	0	265.41	235.18	204.75	174.55	144.79	115.21

176°		Sternzeit				11h44min	177°		Sternzeit				11h48min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
228.59	218.64	206.01	175.64	96.77	62.00	64	229.14	219.28	206.78	176.73	97.41	62.48	
229.73	219.30	206.17	175.64	99.53	63.82	63	230.30	219.96	206.97	176.73	100.20	64.33	
230.84	219.93	206.32	175.64	102.11	65.60	62	231.43	220.60	207.13	176.73	102.82	66.13	
231.91	220.51	206.44	175.64	104.55	67.33	61	232.51	221.20	207.26	176.73	105.29	67.88	
232.94	221.07	206.53	175.64	106.83	69.01	60	233.56	221.77	207.37	176.73	107.60	69.58	
233.94	221.60	206.61	175.64	108.98	70.64	59	234.58	222.31	207.45	176.73	109.77	71.23	
234.91	222.09	206.66	175.64	110.99	72.23	58	235.56	222.82	207.52	176.73	111.81	72.84	
235.85	222.56	206.70	175.64	112.89	73.78	57	236.51	223.30	207.57	176.73	113.73	74.40	
236.75	223.01	206.73	175.64	114.67	75.28	56	237.43	223.76	207.61	176.73	115.53	75.92	
237.63	223.43	206.74	175.64	116.35	76.74	55	238.32	224.19	207.63	176.73	117.22	77.40	
238.48	223.83	206.74	175.64	117.92	78.15	54	239.18	224.60	207.64	176.73	118.81	78.83	
239.31	224.20	206.73	175.64	119.41	79.53	53	240.02	224.99	207.64	176.73	120.32	80.22	
240.11	224.56	206.71	175.64	120.81	80.87	52	240.83	225.36	207.63	176.73	121.73	81.57	
240.89	224.90	206.68	175.64	122.14	82.17	51	241.62	225.71	207.60	176.73	123.06	82.88	
241.65	225.23	206.64	175.64	123.39	83.43	50	242.39	226.04	207.57	176.73	124.32	84.16	
242.39	225.54	206.60	175.64	124.57	84.65	49	243.14	226.36	207.54	176.73	125.51	85.40	
243.11	225.83	206.55	175.64	125.69	85.84	48	243.87	226.66	207.50	176.73	126.64	86.60	
243.81	226.12	206.50	175.64	126.74	87.00	47	244.57	226.95	207.45	176.73	127.71	87.76	
244.49	226.39	206.44	175.64	127.75	88.12	46	245.26	227.23	207.40	176.73	128.72	88.90	
245.15	226.64	206.38	175.64	128.70	89.21	45	245.94	227.50	207.34	176.73	129.67	90.00	
245.80	226.89	206.31	175.64	129.60	90.27	44	246.59	227.75	207.28	176.73	130.58	91.06	
246.44	227.13	206.25	175.64	130.46	91.29	43	247.23	228.00	207.22	176.73	131.44	92.10	
247.06	227.36	206.18	175.64	131.27	92.29	42	247.86	228.23	207.16	176.73	132.26	93.11	
247.66	227.59	206.11	175.64	132.05	93.26	41	248.47	228.46	207.10	176.73	133.04	94.08	
248.25	227.80	206.05	175.64	132.79	94.20	40	249.07	228.68	207.03	176.73	133.79	95.03	
248.83	228.01	205.98	175.64	133.49	95.11	39	249.66	228.90	206.97	176.73	134.49	95.95	
249.40	228.21	205.91	175.64	134.16	96.00	38	250.23	229.10	206.90	176.73	135.16	96.85	
249.96	228.41	205.84	175.64	134.80	96.86	37	250.79	229.31	206.84	176.73	135.80	97.71	
250.51	228.60	205.78	175.64	135.40	97.70	36	251.35	229.51	206.78	176.73	136.42	98.56	
251.04	228.79	205.71	175.64	135.98	98.51	35	251.89	229.70	206.71	176.73	137.00	99.38	
251.57	228.98	205.65	175.64	136.54	99.30	34	252.42	229.89	206.65	176.73	137.55	100.17	
252.09	229.16	205.59	175.64	137.07	100.07	33	252.94	230.08	206.59	176.73	138.09	100.94	
252.60	229.34	205.53	175.64	137.57	100.81	32	253.45	230.26	206.54	176.73	138.59	101.69	
253.10	229.52	205.47	175.64	138.06	101.54	31	253.96	230.44	206.48	176.73	139.08	102.42	
253.59	229.70	205.42	175.64	138.52	102.24	30	254.46	230.62	206.43	176.73	139.54	103.13	
254.08	229.88	205.36	175.64	138.96	102.92	29	254.95	230.80	206.38	176.73	139.98	103.81	
254.56	230.05	205.32	175.64	139.38	103.58	28	255.43	230.98	206.34	176.73	140.41	104.48	
255.03	230.23	205.27	175.64	139.78	104.23	27	255.90	231.16	206.29	176.73	140.81	105.13	
255.49	230.40	205.23	175.64	140.17	104.85	26	256.37	231.34	206.25	176.73	141.20	105.76	
255.95	230.58	205.19	175.64	140.53	105.46	25	256.84	231.52	206.22	176.73	141.57	106.37	
256.41	230.76	205.16	175.64	140.89	106.05	24	257.29	231.70	206.19	176.73	141.92	106.96	
256.86	230.94	205.13	175.64	141.22	106.62	23	257.74	231.88	206.16	176.73	142.26	107.54	
257.30	231.12	205.10	175.64	141.55	107.18	22	258.19	232.06	206.13	176.73	142.58	108.10	
257.74	231.30	205.08	175.64	141.85	107.72	21	258.63	232.25	206.11	176.73	142.89	108.64	
258.18	231.49	205.06	175.64	142.15	108.25	20	259.07	232.43	206.10	176.73	143.18	109.17	
258.61	231.67	205.05	175.64	142.43	108.76	19	259.50	232.62	206.08	176.73	143.47	109.69	
259.03	231.86	205.04	175.64	142.70	109.26	18	259.93	232.82	206.08	176.73	143.74	110.19	
259.46	232.06	205.03	175.64	142.95	109.74	17	260.36	233.01	206.07	176.73	143.99	110.67	
259.88	232.26	205.04	175.64	143.20	110.21	16	260.78	233.21	206.08	176.73	144.24	111.14	
260.29	232.46	205.04	175.64	143.43	110.66	15	261.20	233.41	206.08	176.73	144.47	111.60	
260.71	232.66	205.05	175.64	143.66	111.11	14	261.61	233.62	206.09	176.73	144.70	112.05	
261.12	232.87	205.07	175.64	143.87	111.54	13	262.03	233.83	206.11	176.73	144.91	112.48	
261.53	233.09	205.09	175.64	144.07	111.96	12	262.44	234.05	206.13	176.73	145.11	112.90	
261.94	233.31	205.12	175.64	144.27	112.36	11	262.84	234.27	206.16	176.73	145.31	113.31	
262.34	233.53	205.15	175.64	144.45	112.76	10	263.25	234.50	206.19	176.73	145.49	113.71	
262.74	233.77	205.19	175.64	144.62	113.14	9	263.66	234.73	206.23	176.73	145.66	114.09	
263.15	234.00	205.23	175.64	144.79	113.52	8	264.06	234.97	206.28	176.73	145.83	114.47	
263.55	234.25	205.28	175.64	144.95	113.88	7	264.46	235.21	206.33	176.73	145.99	114.83	
263.94	234.50	205.33	175.64	145.09	114.24	6	264.86	235.46	206.38	176.73	146.14	115.19	
264.34	234.75	205.40	175.64	145.23	114.58	5	265.26	235.72	206.44	176.73	146.28	115.53	
264.74	235.02	205.46	175.64	145.37	114.91	4	265.66	235.98	206.51	176.73	146.41	115.87	
265.14	235.29	205.54	175.64	145.49	115.24	3	266.05	236.25	206.59	176.73	146.53	116.20	
265.54	235.57	205.62	175.64	145.61	115.56	2	266.45	236.53	206.67	176.73	146.65	116.51	
265.93	235.85	205.71	175.64	145.72	115.87	1	266.85	236.82	206.76	176.73	146.76	116.82	
266.33	236.15	205.80	175.64	145.83	116.17	0	267.25	237.11	206.85	176.73	146.87	117.12	

178° Sternzeit 11h52min						179° Sternzeit 11h56min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
229.69	219.92	207.56	177.82	98.04	62.97	64	230.24	220.56	208.33	178.91	98.68	63.45
230.87	220.61	207.76	177.82	100.88	64.84	63	231.44	221.27	208.55	178.91	101.55	65.34
232.01	221.27	207.93	177.82	103.53	66.66	62	232.60	221.94	208.74	178.91	104.25	67.18
233.12	221.89	208.08	177.82	106.03	68.43	61	233.72	222.58	208.90	178.91	106.78	68.98
234.18	222.47	208.20	177.82	108.37	70.15	60	234.80	223.18	209.04	178.91	109.15	70.72
235.21	223.03	208.30	177.82	110.57	71.82	59	235.85	223.74	209.15	178.91	111.37	72.41
236.21	223.55	208.38	177.82	112.64	73.45	58	236.86	224.28	209.24	178.91	113.46	74.06
237.17	224.05	208.44	177.82	114.57	75.03	57	237.83	224.79	209.32	178.91	115.42	75.66
238.10	224.51	208.49	177.82	116.39	76.56	56	238.78	225.27	209.37	178.91	117.26	77.21
239.01	224.96	208.52	177.82	118.10	78.06	55	239.70	225.72	209.41	178.91	118.98	78.72
239.88	225.38	208.54	177.82	119.71	79.50	54	240.58	226.16	209.44	178.91	120.61	80.18
240.73	225.78	208.55	177.82	121.22	80.91	53	241.45	226.56	209.46	178.91	122.14	81.61
241.56	226.15	208.54	177.82	122.65	82.28	52	242.28	226.95	209.46	178.91	123.57	82.99
242.36	226.51	208.53	177.82	124.00	83.60	51	243.09	227.32	209.45	178.91	124.93	84.33
243.13	226.86	208.51	177.82	125.27	84.89	50	243.88	227.67	209.44	178.91	126.21	85.63
243.89	227.18	208.48	177.82	126.46	86.14	49	244.65	228.01	209.42	178.91	127.42	86.89
244.63	227.50	208.44	177.82	127.60	87.35	48	245.39	228.33	209.39	178.91	128.56	88.11
245.34	227.79	208.40	177.82	128.67	88.53	47	246.12	228.63	209.35	178.91	129.64	89.30
246.04	228.08	208.35	177.82	129.69	89.68	46	246.82	228.92	209.31	178.91	130.67	90.46
246.72	228.35	208.30	177.82	130.65	90.78	45	247.51	229.20	209.27	178.91	131.63	91.58
247.39	228.61	208.25	177.82	131.57	91.86	44	248.18	229.47	209.22	178.91	132.55	92.66
248.03	228.86	208.20	177.82	132.43	92.91	43	248.84	229.73	209.17	178.91	133.43	93.72
248.67	229.10	208.14	177.82	133.26	93.92	42	249.48	229.98	209.12	178.91	134.26	94.74
249.28	229.34	208.08	177.82	134.04	94.91	41	250.10	230.22	209.06	178.91	135.04	95.74
249.89	229.56	208.02	177.82	134.79	95.86	40	250.71	230.45	209.00	178.91	135.79	96.70
250.48	229.78	207.96	177.82	135.50	96.79	39	251.31	230.67	208.95	178.91	136.51	97.64
251.06	230.00	207.90	177.82	136.17	97.69	38	251.89	230.89	208.89	178.91	137.18	98.54
251.63	230.20	207.84	177.82	136.82	98.57	37	252.47	231.10	208.83	178.91	137.83	99.43
252.19	230.41	207.78	177.82	137.43	99.42	36	253.03	231.31	208.78	178.91	138.45	100.28
252.73	230.60	207.72	177.82	138.02	100.24	35	253.58	231.51	208.72	178.91	139.04	101.11
253.27	230.80	207.66	177.82	138.57	101.04	34	254.12	231.71	208.67	178.91	139.60	101.92
253.79	230.99	207.60	177.82	139.11	101.82	33	254.65	231.90	208.61	178.91	140.13	102.70
254.31	231.18	207.55	177.82	139.62	102.58	32	255.17	232.09	208.56	178.91	140.64	103.46
254.82	231.36	207.50	177.82	140.10	103.31	31	255.69	232.28	208.51	178.91	141.13	104.20
255.32	231.55	207.45	177.82	140.57	104.02	30	256.19	232.47	208.47	178.91	141.60	104.92
255.82	231.73	207.40	177.82	141.01	104.71	29	256.69	232.66	208.42	178.91	142.04	105.61
256.30	231.91	207.36	177.82	141.44	105.38	28	257.18	232.84	208.38	178.91	142.47	106.29
256.78	232.09	207.32	177.82	141.84	106.03	27	257.66	233.03	208.34	178.91	142.87	106.94
257.25	232.27	207.28	177.82	142.23	106.67	26	258.13	233.21	208.30	178.91	143.26	107.58
257.72	232.46	207.25	177.82	142.60	107.28	25	258.60	233.39	208.27	178.91	143.64	108.20
258.18	232.64	207.22	177.82	142.95	107.88	24	259.06	233.58	208.24	178.91	143.99	108.80
258.63	232.82	207.19	177.82	143.29	108.46	23	259.52	233.76	208.22	178.91	144.33	109.38
259.08	233.01	207.17	177.82	143.62	109.02	22	259.97	233.95	208.20	178.91	144.66	109.95
259.53	233.19	207.15	177.82	143.93	109.57	21	260.42	234.14	208.18	178.91	144.97	110.50
259.96	233.38	207.13	177.82	144.22	110.10	20	260.86	234.33	208.17	178.91	145.26	111.03
260.40	233.57	207.12	177.82	144.50	110.62	19	261.30	234.52	208.16	178.91	145.55	111.55
260.83	233.77	207.11	177.82	144.77	111.12	18	261.73	234.72	208.15	178.91	145.82	112.06
261.26	233.96	207.11	177.82	145.03	111.61	17	262.16	234.92	208.15	178.91	146.08	112.55
261.68	234.16	207.12	177.82	145.28	112.08	16	262.59	235.12	208.15	178.91	146.32	113.02
262.10	234.37	207.12	177.82	145.51	112.54	15	263.01	235.32	208.16	178.91	146.56	113.48
262.52	234.58	207.14	177.82	145.74	112.99	14	263.43	235.53	208.18	178.91	146.78	113.93
262.93	234.79	207.15	177.82	145.95	113.42	13	263.84	235.75	208.20	178.91	147.00	114.37
263.35	235.01	207.18	177.82	146.15	113.84	12	264.25	235.96	208.22	178.91	147.20	114.79
263.75	235.23	207.21	177.82	146.35	114.25	11	264.67	236.19	208.25	178.91	147.39	115.20
264.16	235.46	207.24	177.82	146.53	114.65	10	265.07	236.42	208.28	178.91	147.58	115.60
264.57	235.69	207.28	177.82	146.71	115.04	9	265.48	236.65	208.32	178.91	147.75	115.99
264.97	235.93	207.32	177.82	146.87	115.42	8	265.88	236.89	208.37	178.91	147.92	116.37
265.37	236.17	207.37	177.82	147.03	115.78	7	266.29	237.13	208.42	178.91	148.08	116.74
265.77	236.42	207.43	177.82	147.18	116.14	6	266.69	237.38	208.48	178.91	148.22	117.10
266.17	236.68	207.49	177.82	147.32	116.49	5	267.09	237.64	208.54	178.91	148.36	117.44
266.57	236.94	207.56	177.82	147.45	116.82	4	267.49	237.91	208.61	178.91	148.50	117.78
266.97	237.22	207.64	177.82	147.58	117.15	3	267.89	238.18	208.69	178.91	148.62	118.11
267.37	237.49	207.72	177.82	147.70	117.47	2	268.29	238.46	208.77	178.91	148.74	118.43
267.77	237.78	207.81	177.82	147.81	117.78	1	268.68	238.74	208.86	178.91	148.85	118.74
268.17	238.08	207.90	177.82	147.91	118.08	0	269.08	239.04	208.95	178.91	148.95	119.04

180° Sternzeit 12h 0min						181° Sternzeit 12h 4min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
230.79	221.19	209.11	180.00	99.32	63.93	64	231.34	221.83	209.89	181.09	99.95	64.41
232.01	221.92	209.34	180.00	102.23	65.85	63	232.58	222.58	210.14	181.09	102.91	66.35
233.19	222.61	209.55	180.00	104.96	67.71	62	233.78	223.29	210.35	181.09	105.68	68.24
234.32	223.26	209.72	180.00	107.53	69.53	61	234.93	223.95	210.54	181.09	108.28	70.08
235.42	223.88	209.87	180.00	109.93	71.29	60	236.05	224.58	210.71	181.09	110.71	71.86
236.48	224.46	210.00	180.00	112.18	73.00	59	237.12	225.18	210.84	181.09	112.99	73.60
237.51	225.01	210.10	180.00	114.29	74.67	58	238.16	225.74	210.96	181.09	115.12	75.28
238.50	225.53	210.19	180.00	116.27	76.29	57	239.17	226.28	211.06	181.09	117.12	76.92
239.46	226.03	210.25	180.00	118.13	77.86	56	240.14	226.78	211.13	181.09	119.00	78.51
240.39	226.49	210.30	180.00	119.87	79.38	55	241.08	227.26	211.19	181.09	120.76	80.05
241.29	226.93	210.34	180.00	121.51	80.87	54	242.00	227.72	211.24	181.09	122.42	81.55
242.16	227.35	210.36	180.00	123.05	82.30	53	242.88	228.15	211.27	181.09	123.97	83.00
243.01	227.75	210.38	180.00	124.50	83.70	52	243.74	228.55	211.29	181.09	125.44	84.41
243.83	228.13	210.38	180.00	125.87	85.05	51	244.57	228.94	211.30	181.09	126.81	85.78
244.63	228.49	210.37	180.00	127.16	86.37	50	245.38	229.31	211.30	181.09	128.11	87.11
245.40	228.83	210.36	180.00	128.38	87.64	49	246.16	229.66	211.29	181.09	129.34	88.39
246.16	229.16	210.33	180.00	129.53	88.88	48	246.93	230.00	211.28	181.09	130.50	89.64
246.89	229.47	210.30	180.00	130.62	90.08	47	247.67	230.32	211.26	181.09	131.59	90.86
247.60	229.77	210.27	180.00	131.65	91.24	46	248.39	230.62	211.23	181.09	132.63	92.03
248.30	230.06	210.23	180.00	132.62	92.37	45	249.09	230.92	211.19	181.09	133.61	93.17
248.98	230.33	210.19	180.00	133.55	93.47	44	249.78	231.20	211.16	181.09	134.54	94.28
249.64	230.60	210.14	180.00	134.42	94.53	43	250.45	231.47	211.11	181.09	135.42	95.35
250.29	230.85	210.09	180.00	135.26	95.57	42	251.10	231.73	211.07	181.09	136.26	96.39
250.92	231.10	210.04	180.00	136.05	96.57	41	251.74	231.98	211.02	181.09	137.06	97.40
251.53	231.33	209.99	180.00	136.80	97.54	40	252.36	232.22	210.98	181.09	137.81	98.38
252.14	231.56	209.94	180.00	137.52	98.48	39	252.97	232.45	210.93	181.09	138.53	99.33
252.73	231.78	209.88	180.00	138.20	99.40	38	253.57	232.68	210.88	181.09	139.22	100.26
253.31	232.00	209.83	180.00	138.85	100.29	37	254.15	232.90	210.83	181.09	139.87	101.15
253.87	232.21	209.78	180.00	139.47	101.15	36	254.72	233.12	210.78	181.09	140.49	102.02
254.43	232.42	209.72	180.00	140.06	101.99	35	255.28	233.33	210.73	181.09	141.08	102.86
254.97	232.62	209.67	180.00	140.62	102.80	34	255.83	233.53	210.68	181.09	141.65	103.68
255.51	232.82	209.62	180.00	141.16	103.59	33	256.37	233.73	210.63	181.09	142.19	104.47
256.04	233.01	209.57	180.00	141.67	104.35	32	256.90	233.93	210.58	181.09	142.70	105.25
256.55	233.21	209.53	180.00	142.16	105.09	31	257.42	234.13	210.54	181.09	143.19	105.99
257.06	233.40	209.48	180.00	142.63	105.82	30	257.93	234.32	210.50	181.09	143.66	106.72
257.56	233.58	209.44	180.00	143.08	106.52	29	258.44	234.51	210.46	181.09	144.11	107.42
258.05	233.77	209.40	180.00	143.50	107.20	28	258.93	234.70	210.42	181.09	144.54	108.11
258.54	233.96	209.36	180.00	143.91	107.86	27	259.42	234.89	210.38	181.09	144.95	108.77
259.02	234.14	209.33	180.00	144.30	108.50	26	259.90	235.08	210.35	181.09	145.34	109.41
259.49	234.33	209.30	180.00	144.67	109.12	25	260.38	235.27	210.32	181.09	145.72	110.04
259.95	234.52	209.27	180.00	145.03	109.72	24	260.84	235.46	210.30	181.09	146.07	110.65
260.41	234.71	209.25	180.00	145.37	110.31	23	261.31	235.65	210.27	181.09	146.41	111.24
260.87	234.89	209.23	180.00	145.70	110.88	22	261.76	235.84	210.26	181.09	146.74	111.81
261.31	235.08	209.21	180.00	146.01	111.43	21	262.21	236.03	210.24	181.09	147.05	112.36
261.76	235.28	209.20	180.00	146.31	111.97	20	262.66	236.22	210.23	181.09	147.35	112.90
262.20	235.47	209.19	180.00	146.59	112.49	19	263.10	236.42	210.22	181.09	147.63	113.43
262.63	235.67	209.19	180.00	146.86	112.99	18	263.54	236.62	210.22	181.09	147.91	113.94
263.06	235.87	209.19	180.00	147.12	113.49	17	263.97	236.82	210.22	181.09	148.17	114.43
263.49	236.07	209.19	180.00	147.37	113.96	16	264.40	237.02	210.23	181.09	148.41	114.91
263.91	236.28	209.20	180.00	147.60	114.43	15	264.82	237.23	210.24	181.09	148.65	115.37
264.33	236.49	209.22	180.00	147.83	114.88	14	265.24	237.44	210.26	181.09	148.87	115.83
264.75	236.70	209.24	180.00	148.04	115.32	13	265.66	237.66	210.28	181.09	149.09	116.27
265.17	236.92	209.26	180.00	148.24	115.74	12	266.08	237.88	210.30	181.09	149.29	116.69
265.58	237.15	209.29	180.00	148.44	116.15	11	266.49	238.10	210.33	181.09	149.49	117.11
265.99	237.37	209.33	180.00	148.62	116.56	10	266.90	238.33	210.37	181.09	149.67	117.51
266.39	237.61	209.37	180.00	148.80	116.95	9	267.31	238.57	210.41	181.09	149.85	117.90
266.80	237.85	209.41	180.00	148.96	117.33	8	267.71	238.81	210.46	181.09	150.01	118.28
267.20	238.09	209.46	180.00	149.12	117.69	7	268.12	239.05	210.51	181.09	150.17	118.65
267.60	238.35	209.52	180.00	149.27	118.05	6	268.52	239.31	210.57	181.09	150.32	119.01
268.01	238.60	209.59	180.00	149.41	118.40	5	268.92	239.56	210.63	181.09	150.46	119.36
268.41	238.87	209.66	180.00	149.54	118.74	4	269.32	239.83	210.70	181.09	150.59	119.70
268.81	239.14	209.73	180.00	149.67	119.07	3	269.72	240.10	210.78	181.09	150.72	120.03
269.20	239.42	209.81	180.00	149.79	119.39	2	270.12	240.38	210.86	181.09	150.83	120.35
269.60	239.71	209.90	180.00	149.90	119.70	1	270.52	240.67	210.95	181.09	150.94	120.66
270.00	240.00	210.00	180.00	150.00	120.00	0	270.92	240.96	211.05	181.09	151.05	120.96

182° Sternzeit 12h 8min						183° Sternzeit 12h12min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
231.89	222.47	210.66	182.18	100.59	64.89	64	232.44	223.11	211.43	183.27	101.22	65.37
233.15	223.24	210.93	182.18	103.58	66.86	63	233.72	223.89	211.72	183.27	104.26	67.36
234.37	223.96	211.16	182.18	106.40	68.77	62	234.95	224.63	211.97	183.27	107.11	69.30
235.54	224.64	211.36	182.18	109.03	70.63	61	236.15	225.33	212.18	183.27	109.78	71.18
236.67	225.29	211.54	182.18	111.49	72.44	60	237.29	226.00	212.37	183.27	112.28	73.01
237.76	225.90	211.69	182.18	113.80	74.19	59	238.40	226.62	212.54	183.27	114.61	74.79
238.82	226.48	211.82	182.18	115.96	75.90	58	239.47	227.21	212.68	183.27	116.80	76.51
239.84	227.03	211.93	182.18	117.98	77.55	57	240.51	227.77	212.80	183.27	118.84	78.19
240.83	227.54	212.01	182.18	119.88	79.16	56	241.51	228.30	212.90	183.27	120.76	79.82
241.78	228.03	212.09	182.18	121.66	80.72	55	242.48	228.80	212.98	183.27	122.56	81.39
242.71	228.50	212.14	182.18	123.33	82.23	54	243.42	229.28	213.04	183.27	124.24	82.92
243.60	228.94	212.18	182.18	124.90	83.70	53	244.32	229.73	213.09	183.27	125.82	84.41
244.47	229.36	212.21	182.18	126.37	85.13	52	245.20	230.16	213.13	183.27	127.31	85.85
245.31	229.75	212.23	182.18	127.76	86.51	51	246.06	230.57	213.15	183.27	128.71	87.25
246.13	230.13	212.24	182.18	129.07	87.85	50	246.89	230.95	213.17	183.27	130.03	88.60
246.92	230.49	212.23	182.18	130.31	89.15	49	247.69	231.32	213.17	183.27	131.28	89.91
247.70	230.83	212.22	182.18	131.47	90.41	48	248.47	231.67	213.17	183.27	132.45	91.19
248.45	231.16	212.21	182.18	132.57	91.64	47	249.23	232.01	213.16	183.27	133.56	92.42
249.18	231.48	212.18	182.18	133.62	92.82	46	249.97	232.33	213.14	183.27	134.61	93.62
249.89	231.78	212.16	182.18	134.60	93.97	45	250.69	232.64	213.12	183.27	135.60	94.78
250.58	232.06	212.12	182.18	135.54	95.09	44	251.39	232.93	213.09	183.27	136.54	95.91
251.26	232.34	212.09	182.18	136.43	96.17	43	252.07	233.21	213.06	183.27	137.43	97.00
251.92	232.60	212.05	182.18	137.27	97.22	42	252.74	233.48	213.02	183.27	138.28	98.06
252.56	232.86	212.00	182.18	138.07	98.24	41	253.39	233.74	212.99	183.27	139.08	99.09
253.19	233.11	211.96	182.18	138.83	99.23	40	254.02	234.00	212.95	183.27	139.85	100.08
253.81	233.35	211.92	182.18	139.55	100.19	39	254.64	234.24	212.90	183.27	140.57	101.05
254.41	233.58	211.87	182.18	140.24	101.12	38	255.25	234.48	212.86	183.27	141.26	101.98
255.00	233.80	211.82	182.18	140.89	102.02	37	255.84	234.71	212.82	183.27	141.92	102.89
255.57	234.02	211.77	182.18	141.52	102.89	36	256.43	234.93	212.77	183.27	142.55	103.77
256.14	234.24	211.73	182.18	142.11	103.74	35	257.00	235.15	212.73	183.27	143.14	104.63
256.69	234.45	211.68	182.18	142.68	104.57	34	257.55	235.36	212.69	183.27	143.71	105.46
257.24	234.65	211.64	182.18	143.22	105.37	33	258.10	235.57	212.64	183.27	144.26	106.26
257.77	234.85	211.59	182.18	143.74	106.14	32	258.64	235.77	212.60	183.27	144.78	107.04
258.29	235.05	211.55	182.18	144.23	106.89	31	259.17	235.98	212.56	183.27	145.27	107.80
258.81	235.25	211.51	182.18	144.70	107.62	30	259.69	236.17	212.53	183.27	145.74	108.53
259.31	235.44	211.47	182.18	145.15	108.33	29	260.20	236.37	212.49	183.27	146.19	109.25
259.81	235.63	211.44	182.18	145.58	109.02	28	260.70	236.57	212.46	183.27	146.62	109.94
260.30	235.83	211.40	182.18	145.99	109.69	27	261.19	236.76	212.42	183.27	147.04	110.61
260.79	236.02	211.37	182.18	146.38	110.34	26	261.68	236.95	212.40	183.27	147.43	111.26
261.27	236.21	211.35	182.18	146.76	110.96	25	262.16	237.15	212.37	183.27	147.80	111.89
261.74	236.40	211.32	182.18	147.12	111.57	24	262.63	237.34	212.35	183.27	148.16	112.51
262.20	236.59	211.30	182.18	147.46	112.17	23	263.10	237.53	212.33	183.27	148.51	113.10
262.66	236.78	211.28	182.18	147.79	112.74	22	263.56	237.73	212.31	183.27	148.83	113.68
263.11	236.98	211.27	182.18	148.10	113.30	21	264.01	237.92	212.30	183.27	149.15	114.24
263.56	237.17	211.26	182.18	148.40	113.84	20	264.46	238.12	212.29	183.27	149.45	114.78
264.00	237.37	211.26	182.18	148.68	114.37	19	264.91	238.32	212.29	183.27	149.73	115.31
264.44	237.57	211.25	182.18	148.95	114.88	18	265.35	238.52	212.29	183.27	150.01	115.83
264.87	237.77	211.26	182.18	149.21	115.38	17	265.78	238.72	212.29	183.27	150.27	116.32
265.30	237.98	211.26	182.18	149.46	115.86	16	266.21	238.93	212.30	183.27	150.51	116.81
265.73	238.19	211.28	182.18	149.70	116.32	15	266.64	239.14	212.31	183.27	150.75	117.28
266.15	238.40	211.29	182.18	149.92	116.78	14	267.06	239.35	212.33	183.27	150.98	117.73
266.57	238.62	211.31	182.18	150.14	117.22	13	267.49	239.57	212.35	183.27	151.19	118.17
266.99	238.84	211.34	182.18	150.34	117.65	12	267.90	239.79	212.38	183.27	151.39	118.60
267.40	239.06	211.37	182.18	150.54	118.06	11	268.32	240.02	212.41	183.27	151.59	119.02
267.81	239.29	211.41	182.18	150.72	118.47	10	268.73	240.25	212.45	183.27	151.77	119.43
268.22	239.53	211.45	182.18	150.90	118.86	9	269.14	240.48	212.49	183.27	151.95	119.82
268.63	239.77	211.50	182.18	151.06	119.24	8	269.55	240.72	212.54	183.27	152.12	120.20
269.03	240.01	211.55	182.18	151.22	119.61	7	269.95	240.97	212.59	183.27	152.27	120.57
269.44	240.26	211.61	182.18	151.37	119.97	6	270.35	241.22	212.65	183.27	152.42	120.93
269.84	240.52	211.67	182.18	151.51	120.32	5	270.76	241.48	212.71	183.27	152.56	121.28
270.24	240.79	211.74	182.18	151.64	120.66	4	271.16	241.75	212.79	183.27	152.69	121.62
270.64	241.06	211.82	182.18	151.77	120.99	3	271.56	242.02	212.86	183.27	152.82	121.95
271.04	241.34	211.90	182.18	151.88	121.31	2	271.96	242.30	212.95	183.27	152.94	122.27
271.44	241.62	211.99	182.18	151.99	121.62	1	272.35	242.58	213.04	183.27	153.05	122.58
271.83	241.92	212.09	182.18	152.10	121.92	0	272.75	242.88	213.13	183.27	153.15	122.89

184°		Sternzeit				12h16min	185°		Sternzeit				12h20min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
232.99	223.75	212.21	184.36	101.86	65.85	64	233.54	224.39	212.98	185.45	102.49	66.33	
234.29	224.55	212.51	184.36	104.94	67.87	63	234.86	225.21	213.30	185.45	105.63	68.37	
235.55	225.31	212.77	184.36	107.84	69.83	62	236.14	225.98	213.58	185.45	108.56	70.36	
236.75	226.03	213.00	184.36	110.54	71.73	61	237.36	226.72	213.82	185.45	111.30	72.29	
237.92	226.70	213.21	184.36	113.07	73.59	60	238.55	227.41	214.04	185.45	113.86	74.16	
239.05	227.34	213.39	184.36	115.43	75.39	59	239.69	228.07	214.23	185.45	116.25	75.98	
240.13	227.95	213.54	184.36	117.64	77.13	58	240.79	228.69	214.40	185.45	118.49	77.75	
241.18	228.52	213.67	184.36	119.71	78.83	57	241.86	229.27	214.54	185.45	120.58	79.47	
242.20	229.07	213.78	184.36	121.65	80.47	56	242.89	229.83	214.66	185.45	122.54	81.13	
243.18	229.58	213.87	184.36	123.46	82.07	55	243.88	230.35	214.76	185.45	124.37	82.75	
244.13	230.07	213.94	184.36	125.16	83.62	54	244.85	230.85	214.84	185.45	126.08	84.31	
245.05	230.53	214.00	184.36	126.76	85.12	53	245.78	231.33	214.91	185.45	127.69	85.83	
245.94	230.97	214.05	184.36	128.26	86.57	52	246.68	231.77	214.96	185.45	129.21	87.30	
246.81	231.38	214.08	184.36	129.67	87.98	51	247.56	232.20	215.00	185.45	130.63	88.73	
247.64	231.78	214.10	184.36	131.00	89.35	50	248.41	232.60	215.03	185.45	131.97	90.11	
248.46	232.16	214.11	184.36	132.25	90.68	49	249.23	232.99	215.05	185.45	133.23	91.45	
249.25	232.51	214.12	184.36	133.43	91.96	48	250.03	233.36	215.06	185.45	134.42	92.75	
250.02	232.86	214.11	184.36	134.55	93.21	47	250.81	233.71	215.06	185.45	135.54	94.00	
250.76	233.18	214.10	184.36	135.60	94.42	46	251.56	234.04	215.06	185.45	136.60	95.22	
251.49	233.50	214.08	184.36	136.60	95.59	45	252.30	234.36	215.04	185.45	137.60	96.41	
252.20	233.80	214.06	184.36	137.55	96.73	44	253.01	234.67	215.03	185.45	138.56	97.55	
252.89	234.09	214.03	184.36	138.44	97.83	43	253.71	234.96	215.00	185.45	139.46	98.66	
253.56	234.36	214.00	184.36	139.29	98.90	42	254.39	235.25	214.98	185.45	140.31	99.74	
254.22	234.63	213.97	184.36	140.10	99.93	41	255.05	235.52	214.95	185.45	141.12	100.78	
254.86	234.89	213.93	184.36	140.87	100.94	40	255.70	235.78	214.92	185.45	141.89	101.79	
255.49	235.14	213.89	184.36	141.60	101.91	39	256.33	236.03	214.88	185.45	142.62	102.77	
256.10	235.38	213.85	184.36	142.29	102.85	38	256.95	236.28	214.85	185.45	143.32	103.73	
256.70	235.61	213.81	184.36	142.95	103.77	37	257.55	236.52	214.81	185.45	143.98	104.65	
257.28	235.84	213.77	184.36	143.58	104.66	36	258.14	236.75	214.77	185.45	144.61	105.54	
257.86	236.06	213.73	184.36	144.18	105.52	35	258.72	236.97	214.73	185.45	145.22	106.41	
258.42	236.28	213.69	184.36	144.75	106.35	34	259.29	237.19	214.69	185.45	145.79	107.25	
258.97	236.49	213.65	184.36	145.30	107.16	33	259.84	237.41	214.66	185.45	146.34	108.06	
259.51	236.70	213.61	184.36	145.82	107.95	32	260.39	237.62	214.62	185.45	146.86	108.85	
260.04	236.90	213.57	184.36	146.31	108.71	31	260.92	237.83	214.59	185.45	147.36	109.62	
260.57	237.10	213.54	184.36	146.78	109.45	30	261.45	238.03	214.55	185.45	147.83	110.36	
261.08	237.30	213.51	184.36	147.24	110.16	29	261.96	238.23	214.52	185.45	148.28	111.08	
261.58	237.50	213.47	184.36	147.67	110.86	28	262.47	238.43	214.49	185.45	148.72	111.78	
262.08	237.70	213.44	184.36	148.08	111.53	27	262.97	238.63	214.46	185.45	149.13	112.46	
262.57	237.89	213.42	184.36	148.48	112.19	26	263.46	238.83	214.44	185.45	149.53	113.12	
263.05	238.09	213.39	184.36	148.85	112.82	25	263.95	239.03	214.41	185.45	149.90	113.76	
263.53	238.28	213.37	184.36	149.21	113.44	24	264.43	239.22	214.39	185.45	150.26	114.38	
264.00	238.48	213.35	184.36	149.56	114.04	23	264.90	239.42	214.38	185.45	150.61	114.98	
264.46	238.67	213.34	184.36	149.88	114.62	22	265.36	239.62	214.37	185.45	150.94	115.56	
264.92	238.87	213.33	184.36	150.20	115.18	21	265.82	239.82	214.36	185.45	151.25	116.13	
265.37	239.07	213.32	184.36	150.50	115.73	20	266.27	240.02	214.35	185.45	151.55	116.68	
265.81	239.27	213.32	184.36	150.78	116.26	19	266.72	240.22	214.35	185.45	151.84	117.21	
266.25	239.47	213.32	184.36	151.06	116.77	18	267.16	240.42	214.35	185.45	152.11	117.73	
266.69	239.68	213.32	184.36	151.32	117.27	17	267.60	240.63	214.35	185.45	152.37	118.23	
267.12	239.88	213.33	184.36	151.57	117.76	16	268.04	240.84	214.36	185.45	152.62	118.71	
267.55	240.09	213.35	184.36	151.80	118.23	15	268.47	241.05	214.38	185.45	152.86	119.19	
267.98	240.31	213.36	184.36	152.03	118.69	14	268.89	241.26	214.40	185.45	153.08	119.65	
268.40	240.53	213.39	184.36	152.24	119.13	13	269.31	241.48	214.42	185.45	153.30	120.09	
268.82	240.75	213.41	184.36	152.45	119.56	12	269.73	241.70	214.45	185.45	153.50	120.52	
269.23	240.97	213.45	184.36	152.64	119.98	11	270.15	241.93	214.48	185.45	153.70	120.94	
269.65	241.21	213.48	184.36	152.83	120.39	10	270.56	242.16	214.52	185.45	153.88	121.35	
270.06	241.44	213.53	184.36	153.00	120.78	9	270.97	242.40	214.56	185.45	154.06	121.74	
270.46	241.68	213.58	184.36	153.17	121.16	8	271.38	242.64	214.61	185.45	154.22	122.13	
270.87	241.93	213.63	184.36	153.33	121.53	7	271.79	242.89	214.67	185.45	154.38	122.50	
271.27	242.18	213.69	184.36	153.47	121.90	6	272.19	243.14	214.73	185.45	154.53	122.86	
271.68	242.44	213.75	184.36	153.62	122.25	5	272.59	243.40	214.79	185.45	154.67	123.21	
272.08	242.70	213.83	184.36	153.75	122.59	4	273.00	243.66	214.86	185.45	154.80	123.55	
272.48	242.98	213.90	184.36	153.87	122.92	3	273.40	243.93	214.94	185.45	154.93	123.88	
272.88	243.25	213.99	184.36	153.99	123.24	2	273.79	244.21	215.03	185.45	155.04	124.20	
273.27	243.54	214.08	184.36	154.10	123.55	1	274.19	244.49	215.12	185.45	155.15	124.52	
273.67	243.83	214.17	184.36	154.20	123.85	0	274.59	244.79	215.21	185.45	155.25	124.82	

186° Sternzeit 12h24min						187° Sternzeit 12h28min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
234.10	225.02	213.75	186.54	103.12	66.81	64	234.65	225.66	214.53	187.62	103.76	67.28
235.44	225.86	214.09	186.54	106.31	68.88	63	236.01	226.52	214.88	187.62	106.99	69.38
236.73	226.66	214.38	186.54	109.28	70.89	62	237.32	227.34	215.19	187.62	110.01	71.42
237.98	227.41	214.65	186.54	112.06	72.84	61	238.59	228.10	215.46	187.62	112.83	73.40
239.18	228.12	214.88	186.54	114.66	74.74	60	239.81	228.83	215.71	187.62	115.46	75.32
240.34	228.79	215.08	186.54	117.08	76.59	59	240.99	229.52	215.93	187.62	117.91	77.19
241.46	229.43	215.26	186.54	119.34	78.37	58	242.12	230.17	216.12	187.62	120.19	79.00
242.54	230.03	215.41	186.54	121.45	80.11	57	243.22	230.78	216.28	187.62	122.33	80.76
243.58	230.59	215.54	186.54	123.43	81.79	56	244.28	231.36	216.42	187.62	124.33	82.46
244.59	231.13	215.65	186.54	125.28	83.43	55	245.30	231.91	216.54	187.62	126.19	84.11
245.57	231.64	215.74	186.54	127.01	85.01	54	246.29	232.43	216.65	187.62	127.94	85.71
246.51	232.12	215.82	186.54	128.63	86.54	53	247.25	232.93	216.73	187.62	129.58	87.26
247.43	232.58	215.88	186.54	130.16	88.03	52	248.17	233.40	216.80	187.62	131.11	88.76
248.31	233.02	215.93	186.54	131.59	89.47	51	249.07	233.84	216.86	187.62	132.56	90.22
249.17	233.43	215.97	186.54	132.94	90.87	50	249.94	234.26	216.90	187.62	133.92	91.63
250.00	233.83	215.99	186.54	134.21	92.22	49	250.78	234.67	216.93	187.62	135.19	93.00
250.81	234.20	216.01	186.54	135.41	93.53	48	251.60	235.05	216.95	187.62	136.40	94.32
251.60	234.56	216.01	186.54	136.53	94.80	47	252.40	235.41	216.97	187.62	137.53	95.60
252.36	234.90	216.01	186.54	137.60	96.03	46	253.17	235.76	216.97	187.62	138.61	96.84
253.11	235.23	216.01	186.54	138.61	97.22	45	253.92	236.10	216.97	187.62	139.62	98.05
253.83	235.54	215.99	186.54	139.57	98.38	44	254.65	236.42	216.96	187.62	140.58	99.21
254.53	235.84	215.98	186.54	140.47	99.50	43	255.36	236.72	216.95	187.62	141.49	100.34
255.22	236.13	215.95	186.54	141.33	100.59	42	256.05	237.01	216.93	187.62	142.36	101.44
255.89	236.41	215.93	186.54	142.15	101.64	41	256.73	237.30	216.91	187.62	143.17	102.50
256.54	236.67	215.90	186.54	142.92	102.66	40	257.39	237.57	216.88	187.62	143.95	103.52
257.18	236.93	215.87	186.54	143.65	103.65	39	258.03	237.83	216.86	187.62	144.69	104.52
257.80	237.18	215.84	186.54	144.35	104.60	38	258.66	238.09	216.83	187.62	145.39	105.48
258.41	237.42	215.80	186.54	145.02	105.53	37	259.27	238.33	216.80	187.62	146.06	106.42
259.00	237.66	215.77	186.54	145.65	106.43	36	259.87	238.57	216.77	187.62	146.69	107.33
259.59	237.89	215.73	186.54	146.26	107.30	35	260.46	238.80	216.73	187.62	147.30	108.20
260.16	238.11	215.70	186.54	146.83	108.15	34	261.03	239.03	216.70	187.62	147.88	109.05
260.72	238.33	215.66	186.54	147.38	108.97	33	261.60	239.25	216.67	187.62	148.43	109.88
261.27	238.54	215.63	186.54	147.90	109.76	32	262.15	239.47	216.64	187.62	148.95	110.68
261.81	238.76	215.60	186.54	148.40	110.54	31	262.69	239.68	216.61	187.62	149.45	111.46
262.33	238.96	215.56	186.54	148.88	111.28	30	263.22	239.89	216.58	187.62	149.93	112.21
262.85	239.17	215.53	186.54	149.33	112.01	29	263.75	240.10	216.55	187.62	150.38	112.94
263.36	239.37	215.51	186.54	149.77	112.71	28	264.26	240.31	216.52	187.62	150.82	113.64
263.87	239.57	215.48	186.54	150.18	113.39	27	264.76	240.51	216.50	187.62	151.23	114.33
264.36	239.77	215.46	186.54	150.58	114.05	26	265.26	240.71	216.47	187.62	151.63	114.99
264.85	239.97	215.44	186.54	150.96	114.70	25	265.75	240.91	216.46	187.62	152.01	115.64
265.33	240.17	215.42	186.54	151.32	115.32	24	266.23	241.11	216.44	187.62	152.37	116.26
265.80	240.37	215.40	186.54	151.66	115.92	23	266.71	241.31	216.42	187.62	152.72	116.87
266.27	240.57	215.39	186.54	151.99	116.51	22	267.18	241.51	216.41	187.62	153.05	117.46
266.73	240.77	215.38	186.54	152.31	117.08	21	267.64	241.71	216.41	187.62	153.36	118.03
267.18	240.97	215.38	186.54	152.61	117.63	20	268.09	241.92	216.40	187.62	153.66	118.58
267.63	241.17	215.38	186.54	152.89	118.16	19	268.54	242.12	216.40	187.62	153.95	119.12
268.08	241.37	215.38	186.54	153.17	118.68	18	268.99	242.33	216.41	187.62	154.22	119.64
268.52	241.58	215.38	186.54	153.43	119.18	17	269.43	242.53	216.41	187.62	154.49	120.14
268.95	241.79	215.40	186.54	153.68	119.67	16	269.87	242.74	216.42	187.62	154.73	120.63
269.38	242.00	215.41	186.54	153.91	120.15	15	270.30	242.96	216.44	187.62	154.97	121.11
269.81	242.22	215.43	186.54	154.14	120.61	14	270.73	243.17	216.46	187.62	155.20	121.57
270.23	242.44	215.45	186.54	154.36	121.05	13	271.15	243.39	216.49	187.62	155.41	122.02
270.65	242.66	215.48	186.54	154.56	121.49	12	271.57	243.61	216.51	187.62	155.62	122.45
271.07	242.89	215.52	186.54	154.75	121.91	11	271.99	243.84	216.55	187.62	155.81	122.87
271.48	243.12	215.56	186.54	154.94	122.31	10	272.40	244.07	216.59	187.62	156.00	123.28
271.89	243.35	215.60	186.54	155.11	122.71	9	272.81	244.31	216.63	187.62	156.17	123.68
272.30	243.60	215.65	186.54	155.28	123.09	8	273.22	244.55	216.68	187.62	156.34	124.06
272.71	243.84	215.70	186.54	155.44	123.47	7	273.63	244.80	216.74	187.62	156.50	124.44
273.11	244.09	215.76	186.54	155.59	123.83	6	274.03	245.05	216.80	187.62	156.64	124.80
273.51	244.35	215.83	186.54	155.73	124.18	5	274.44	245.31	216.86	187.62	156.78	125.15
273.92	244.62	215.90	186.54	155.86	124.52	4	274.84	245.57	216.94	187.62	156.91	125.49
274.31	244.89	215.98	186.54	155.98	124.85	3	275.24	245.84	217.02	187.62	157.04	125.82
274.71	245.17	216.06	186.54	156.10	125.17	2	275.63	246.12	217.10	187.62	157.15	126.14
275.11	245.45	216.15	186.54	156.21	125.49	1	276.03	246.40	217.19	187.62	157.26	126.46
275.51	245.74	216.25	186.54	156.31	125.79	0	276.43	246.69	217.29	187.62	157.36	126.76

188° Sternzeit 12h32min						189° Sternzeit 12h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
235.20	226.30	215.30	188.71	104.39	67.76	64	235.75	226.94	216.07	189.80	105.03	68.24
236.58	227.18	215.66	188.71	107.68	69.89	63	237.16	227.84	216.45	189.80	108.36	70.39
237.92	228.01	215.99	188.71	110.74	71.95	62	238.51	228.69	216.80	189.80	111.47	72.48
239.20	228.80	216.28	188.71	113.59	73.96	61	239.82	229.50	217.10	189.80	114.37	74.51
240.44	229.54	216.54	188.71	116.26	75.90	60	241.08	230.26	217.38	189.80	117.06	76.49
241.64	230.24	216.77	188.71	118.74	77.79	59	242.29	230.97	217.62	189.80	119.57	78.40
242.79	230.91	216.98	188.71	121.05	79.63	58	243.46	231.65	217.83	189.80	121.92	80.26
243.90	231.54	217.15	188.71	123.21	81.40	57	244.59	232.29	218.02	189.80	124.10	82.06
244.97	232.13	217.30	188.71	125.23	83.13	56	245.68	232.90	218.19	189.80	126.13	83.80
246.01	232.69	217.43	188.71	127.11	84.80	55	246.73	233.48	218.33	189.80	128.04	85.49
247.01	233.22	217.55	188.71	128.88	86.42	54	247.74	234.02	218.45	189.80	129.81	87.12
247.98	233.73	217.64	188.71	130.53	87.98	53	248.73	234.54	218.55	189.80	131.48	88.71
248.92	234.21	217.72	188.71	132.08	89.50	52	249.68	235.02	218.64	189.80	133.04	90.24
249.83	234.66	217.78	188.71	133.53	90.97	51	250.60	235.49	218.71	189.80	134.51	91.73
250.71	235.10	217.83	188.71	134.90	92.40	50	251.49	235.93	218.77	189.80	135.88	93.17
251.56	235.51	217.87	188.71	136.18	93.78	49	252.35	236.35	218.81	189.80	137.18	94.56
252.39	235.90	217.90	188.71	137.39	95.11	48	253.19	236.75	218.85	189.80	138.40	95.91
253.20	236.27	217.92	188.71	138.54	96.41	47	254.00	237.13	218.87	189.80	139.54	97.22
253.98	236.63	217.93	188.71	139.62	97.66	46	254.79	237.49	218.89	189.80	140.63	98.48
254.73	236.97	217.93	188.71	140.64	98.88	45	255.55	237.84	218.90	189.80	141.66	99.71
255.47	237.29	217.93	188.71	141.60	100.05	44	256.30	238.17	218.90	189.80	142.62	100.89
256.19	237.60	217.92	188.71	142.52	101.19	43	257.02	238.49	218.89	189.80	143.54	102.04
256.89	237.90	217.91	188.71	143.38	102.29	42	257.73	238.79	218.88	189.80	144.41	103.15
257.57	238.19	217.89	188.71	144.20	103.36	41	258.42	239.09	218.87	189.80	145.24	104.23
258.24	238.47	217.87	188.71	144.98	104.40	40	259.09	239.37	218.85	189.80	146.02	105.27
258.88	238.73	217.85	188.71	145.72	105.40	39	259.74	239.64	218.83	189.80	146.76	106.28
259.52	238.99	217.82	188.71	146.43	106.37	38	260.38	239.90	218.81	189.80	147.47	107.26
260.14	239.24	217.79	188.71	147.10	107.31	37	261.00	240.16	218.79	189.80	148.14	108.21
260.74	239.49	217.76	188.71	147.74	108.22	36	261.61	240.40	218.76	189.80	148.78	109.13
261.33	239.72	217.73	188.71	148.34	109.11	35	262.21	240.64	218.73	189.80	149.39	110.02
261.91	239.95	217.70	188.71	148.92	109.96	34	262.79	240.88	218.70	189.80	149.97	110.88
262.48	240.18	217.67	188.71	149.47	110.79	33	263.36	241.10	218.68	189.80	150.52	111.71
263.03	240.40	217.64	188.71	150.00	111.60	32	263.92	241.33	218.65	189.80	151.05	112.52
263.58	240.61	217.61	188.71	150.50	112.38	31	264.47	241.55	218.62	189.80	151.55	113.31
264.11	240.83	217.59	188.71	150.98	113.13	30	265.01	241.76	218.60	189.80	152.03	114.07
264.64	241.04	217.56	188.71	151.44	113.87	29	265.54	241.97	218.57	189.80	152.49	114.80
265.16	241.24	217.54	188.71	151.87	114.58	28	266.06	242.18	218.55	189.80	152.93	115.52
265.66	241.45	217.51	188.71	152.29	115.27	27	266.57	242.39	218.53	189.80	153.35	116.21
266.16	241.65	217.49	188.71	152.69	115.93	26	267.07	242.59	218.51	189.80	153.74	116.88
266.65	241.85	217.47	188.71	153.07	116.58	25	267.56	242.80	218.49	189.80	154.12	117.53
267.14	242.06	217.46	188.71	153.43	117.21	24	268.05	243.00	218.48	189.80	154.49	118.16
267.62	242.26	217.45	188.71	153.77	117.82	23	268.53	243.21	218.47	189.80	154.83	118.77
268.09	242.46	217.44	188.71	154.11	118.41	22	269.00	243.41	218.46	189.80	155.16	119.37
268.55	242.66	217.43	188.71	154.42	118.98	21	269.46	243.61	218.45	189.80	155.48	119.94
269.01	242.87	217.43	188.71	154.72	119.54	20	269.92	243.82	218.45	189.80	155.78	120.50
269.46	243.07	217.43	188.71	155.01	120.08	19	270.38	244.02	218.45	189.80	156.07	121.04
269.91	243.28	217.43	188.71	155.28	120.60	18	270.82	244.23	218.46	189.80	156.34	121.56
270.35	243.49	217.44	188.71	155.55	121.11	17	271.27	244.44	218.47	189.80	156.61	122.07
270.79	243.70	217.45	188.71	155.79	121.60	16	271.71	244.65	218.48	189.80	156.86	122.56
271.22	243.91	217.47	188.71	156.03	122.07	15	272.14	244.86	218.50	189.80	157.09	123.04
271.65	244.13	217.49	188.71	156.26	122.54	14	272.57	245.08	218.52	189.80	157.32	123.50
272.07	244.35	217.52	188.71	156.47	122.98	13	272.99	245.30	218.54	189.80	157.53	123.95
272.49	244.57	217.55	188.71	156.68	123.42	12	273.41	245.53	218.58	189.80	157.74	124.39
272.91	244.80	217.58	188.71	156.87	123.84	11	273.83	245.75	218.61	189.80	157.93	124.81
273.32	245.03	217.62	188.71	157.06	124.25	10	274.25	245.98	218.65	189.80	158.12	125.22
273.74	245.27	217.67	188.71	157.23	124.65	9	274.66	246.22	218.70	189.80	158.29	125.62
274.14	245.51	217.72	188.71	157.40	125.03	8	275.07	246.46	218.75	189.80	158.46	126.01
274.55	245.75	217.77	188.71	157.55	125.41	7	275.47	246.71	218.80	189.80	158.61	126.38
274.95	246.01	217.83	188.71	157.70	125.77	6	275.88	246.96	218.86	189.80	158.76	126.74
275.36	246.26	217.90	188.71	157.84	126.12	5	276.28	247.22	218.93	189.80	158.90	127.10
275.76	246.53	217.97	188.71	157.97	126.46	4	276.68	247.48	219.00	189.80	159.03	127.44
276.16	246.80	218.05	188.71	158.10	126.79	3	277.08	247.75	219.08	189.80	159.15	127.77
276.55	247.07	218.13	188.71	158.21	127.12	2	277.48	248.03	219.17	189.80	159.27	128.09
276.95	247.36	218.22	188.71	158.32	127.43	1	277.87	248.31	219.26	189.80	159.38	128.40
277.35	247.65	218.32	188.71	158.42	127.73	0	278.27	248.60	219.35	189.80	159.48	128.70

190° Sternzeit 12h40min						191° Sternzeit 12h44min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
236.31	227.58	216.84	190.88	105.66	68.71	64	236.86	228.22	217.61	191.96	106.30	69.19
237.74	228.50	217.24	190.88	109.05	70.90	63	238.31	229.16	218.03	191.96	109.74	71.40
239.11	229.37	217.60	190.88	112.20	73.02	62	239.71	230.05	218.41	191.96	112.94	73.55
240.44	230.19	217.92	190.88	115.14	75.07	61	241.06	230.89	218.74	191.96	115.91	75.64
241.71	230.97	218.21	190.88	117.87	77.07	60	242.35	231.68	219.05	191.96	118.68	77.66
242.94	231.70	218.47	190.88	120.41	79.01	59	243.60	232.43	219.32	191.96	121.26	79.62
244.13	232.40	218.69	190.88	122.78	80.89	58	244.81	233.14	219.56	191.96	123.65	81.52
245.28	233.05	218.89	190.88	124.99	82.71	57	245.97	233.81	219.77	191.96	125.88	83.37
246.38	233.67	219.07	190.88	127.04	84.47	56	247.09	234.45	219.95	191.96	127.96	85.15
247.45	234.26	219.22	190.88	128.96	86.18	55	248.17	235.05	220.11	191.96	129.90	86.88
248.47	234.82	219.35	190.88	130.76	87.84	54	249.21	235.62	220.25	191.96	131.71	88.55
249.47	235.34	219.46	190.88	132.44	89.44	53	250.22	236.15	220.37	191.96	133.40	90.17
250.43	235.84	219.56	190.88	134.01	90.99	52	251.19	236.66	220.48	191.96	134.98	91.74
251.36	236.32	219.64	190.88	135.48	92.49	51	252.14	237.15	220.56	191.96	136.47	93.26
252.27	236.77	219.70	190.88	136.87	93.95	50	253.05	237.61	220.64	191.96	137.86	94.73
253.14	237.20	219.75	190.88	138.17	95.35	49	253.93	238.04	220.69	191.96	139.17	96.15
253.99	237.60	219.79	190.88	139.40	96.72	48	254.79	238.46	220.74	191.96	140.41	97.52
254.81	237.99	219.82	190.88	140.56	98.03	47	255.62	238.85	220.78	191.96	141.57	98.85
255.60	238.36	219.85	190.88	141.65	99.31	46	256.42	239.23	220.81	191.96	142.67	100.14
256.38	238.71	219.86	190.88	142.68	100.55	45	257.21	239.59	220.82	191.96	143.70	101.39
257.13	239.05	219.87	190.88	143.65	101.74	44	257.97	239.93	220.83	191.96	144.68	102.59
257.86	239.37	219.87	190.88	144.57	102.90	43	258.71	240.26	220.84	191.96	145.61	103.76
258.58	239.68	219.86	190.88	145.45	104.02	42	259.42	240.58	220.84	191.96	146.48	104.89
259.27	239.98	219.85	190.88	146.27	105.10	41	260.12	240.88	220.83	191.96	147.31	105.98
259.95	240.27	219.84	190.88	147.06	106.15	40	260.81	241.17	220.82	191.96	148.10	107.04
260.60	240.55	219.82	190.88	147.81	107.17	39	261.47	241.45	220.81	191.96	148.85	108.07
261.25	240.81	219.80	190.88	148.52	108.16	38	262.12	241.73	220.79	191.96	149.56	109.06
261.88	241.07	219.78	190.88	149.19	109.11	37	262.75	241.99	220.77	191.96	150.24	110.02
262.49	241.32	219.76	190.88	149.83	110.04	36	263.37	242.24	220.75	191.96	150.88	110.95
263.09	241.56	219.73	190.88	150.44	110.93	35	263.98	242.49	220.73	191.96	151.49	111.85
263.68	241.80	219.71	190.88	151.02	111.80	34	264.57	242.73	220.71	191.96	152.08	112.72
264.25	242.03	219.68	190.88	151.58	112.64	33	265.14	242.96	220.68	191.96	152.63	113.57
264.82	242.26	219.66	190.88	152.11	113.45	32	265.71	243.19	220.66	191.96	153.16	114.38
265.37	242.48	219.63	190.88	152.61	114.24	31	266.27	243.41	220.64	191.96	153.67	115.18
265.91	242.70	219.61	190.88	153.09	115.00	30	266.81	243.63	220.62	191.96	154.15	115.94
266.44	242.91	219.58	190.88	153.55	115.74	29	267.34	243.85	220.59	191.96	154.61	116.69
266.96	243.12	219.56	190.88	153.99	116.46	28	267.87	244.06	220.57	191.96	155.05	117.41
267.47	243.33	219.54	190.88	154.40	117.16	27	268.38	244.27	220.56	191.96	155.47	118.11
267.98	243.54	219.52	190.88	154.80	117.83	26	268.89	244.48	220.54	191.96	155.86	118.78
268.47	243.74	219.51	190.88	155.18	118.48	25	269.39	244.69	220.53	191.96	156.25	119.44
268.96	243.95	219.50	190.88	155.55	119.12	24	269.88	244.90	220.51	191.96	156.61	120.08
269.44	244.15	219.49	190.88	155.89	119.73	23	270.36	245.10	220.50	191.96	156.96	120.69
269.91	244.36	219.48	190.88	156.23	120.33	22	270.83	245.31	220.50	191.96	157.29	121.29
270.38	244.56	219.47	190.88	156.54	120.90	21	271.30	245.51	220.50	191.96	157.61	121.87
270.84	244.77	219.47	190.88	156.84	121.46	20	271.76	245.72	220.49	191.96	157.91	122.43
271.30	244.97	219.48	190.88	157.13	122.00	19	272.22	245.93	220.50	191.96	158.20	122.97
271.75	245.18	219.48	190.88	157.41	122.53	18	272.67	246.14	220.50	191.96	158.47	123.50
272.19	245.39	219.49	190.88	157.67	123.04	17	273.11	246.35	220.52	191.96	158.73	124.01
272.63	245.60	219.51	190.88	157.92	123.53	16	273.55	246.56	220.53	191.96	158.98	124.51
273.06	245.82	219.52	190.88	158.16	124.01	15	273.99	246.77	220.55	191.96	159.22	124.99
273.49	246.04	219.55	190.88	158.38	124.48	14	274.42	246.99	220.57	191.96	159.45	125.45
273.92	246.26	219.57	190.88	158.60	124.93	13	274.84	247.21	220.60	191.96	159.66	125.90
274.34	246.48	219.60	190.88	158.80	125.36	12	275.27	247.44	220.63	191.96	159.86	126.34
274.76	246.71	219.64	190.88	159.00	125.79	11	275.68	247.66	220.67	191.96	160.06	126.76
275.17	246.94	219.68	190.88	159.18	126.20	10	276.10	247.89	220.71	191.96	160.24	127.17
275.58	247.18	219.72	190.88	159.35	126.60	9	276.51	248.13	220.75	191.96	160.42	127.57
275.99	247.42	219.78	190.88	159.52	126.98	8	276.92	248.37	220.80	191.96	160.58	127.96
276.40	247.66	219.83	190.88	159.68	127.36	7	277.33	248.62	220.86	191.96	160.74	128.33
276.80	247.91	219.89	190.88	159.82	127.72	6	277.73	248.87	220.92	191.96	160.88	128.70
277.20	248.17	219.96	190.88	159.96	128.07	5	278.13	249.12	220.99	191.96	161.02	129.05
277.60	248.43	220.03	190.88	160.09	128.41	4	278.53	249.39	221.06	191.96	161.15	129.39
278.00	248.70	220.11	190.88	160.21	128.74	3	278.93	249.65	221.14	191.96	161.27	129.72
278.40	248.98	220.20	190.88	160.33	129.06	2	279.32	249.93	221.22	191.96	161.39	130.04
278.79	249.26	220.29	190.88	160.44	129.38	1	279.72	250.21	221.31	191.96	161.49	130.35
279.19	249.55	220.38	190.88	160.53	129.68	0	280.11	250.50	221.41	191.96	161.59	130.65

192° Sternzeit 12h48min						193° Sternzeit 12h52min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
237.42	228.86	218.38	193.04	106.93	69.67	64	237.97	229.50	219.15	194.13	107.57	70.14
238.89	229.82	218.82	193.04	110.43	71.91	63	239.47	230.49	219.60	194.13	111.12	72.42
240.31	230.73	219.21	193.04	113.67	74.09	62	240.91	231.42	220.01	194.13	114.41	74.62
241.68	231.59	219.56	193.04	116.69	76.20	61	242.30	232.29	220.38	194.13	117.48	76.76
242.99	232.40	219.88	193.04	119.50	78.25	60	243.64	233.12	220.72	194.13	120.32	78.84
244.26	233.17	220.16	193.04	122.10	80.24	59	244.92	233.90	221.01	194.13	122.96	80.85
245.48	233.89	220.42	193.04	124.53	82.16	58	246.16	234.64	221.28	194.13	125.41	82.80
246.66	234.58	220.64	193.04	126.78	84.03	57	247.36	235.34	221.51	194.13	127.68	84.69
247.80	235.22	220.83	193.04	128.88	85.83	56	248.51	236.00	221.72	194.13	129.80	86.52
248.89	235.84	221.01	193.04	130.83	87.58	55	249.62	236.63	221.90	194.13	131.77	88.29
249.95	236.42	221.16	193.04	132.66	89.28	54	250.69	237.22	222.06	194.13	133.61	90.00
250.97	236.97	221.29	193.04	134.36	90.91	53	251.73	237.78	222.20	194.13	135.33	91.66
251.96	237.49	221.40	193.04	135.96	92.50	52	252.73	238.31	222.32	194.13	136.94	93.26
252.91	237.98	221.49	193.04	137.46	94.03	51	253.69	238.82	222.42	194.13	138.45	94.81
253.84	238.45	221.57	193.04	138.86	95.51	50	254.63	239.29	222.51	194.13	139.86	96.31
254.73	238.89	221.64	193.04	140.18	96.95	49	255.53	239.75	222.58	194.13	141.19	97.76
255.60	239.32	221.69	193.04	141.42	98.34	48	256.41	240.18	222.64	194.13	142.43	99.16
256.43	239.72	221.73	193.04	142.59	99.68	47	257.26	240.59	222.69	194.13	143.61	100.51
257.25	240.10	221.76	193.04	143.69	100.98	46	258.08	240.98	222.72	194.13	144.72	101.82
258.04	240.47	221.79	193.04	144.73	102.24	45	258.88	241.35	222.75	194.13	145.76	103.09
258.81	240.82	221.80	193.04	145.71	103.45	44	259.65	241.71	222.77	194.13	146.75	104.31
259.55	241.16	221.81	193.04	146.64	104.63	43	260.40	242.05	222.78	194.13	147.68	105.50
260.28	241.48	221.81	193.04	147.52	105.77	42	261.14	242.38	222.79	194.13	148.56	106.65
260.98	241.78	221.81	193.04	148.36	106.87	41	261.85	242.69	222.79	194.13	149.40	107.76
261.67	242.08	221.81	193.04	149.15	107.93	40	262.54	242.99	222.79	194.13	150.20	108.83
262.34	242.37	221.80	193.04	149.90	108.96	39	263.22	243.28	222.78	194.13	150.95	109.87
263.00	242.64	221.78	193.04	150.61	109.96	38	263.88	243.56	222.77	194.13	151.66	110.87
263.63	242.91	221.77	193.04	151.29	110.93	37	264.52	243.83	222.76	194.13	152.34	111.85
264.26	243.16	221.75	193.04	151.94	111.87	36	265.15	244.09	222.74	194.13	152.99	112.79
264.86	243.41	221.73	193.04	152.55	112.77	35	265.76	244.34	222.73	194.13	153.61	113.70
265.46	243.66	221.71	193.04	153.13	113.65	34	266.36	244.59	222.71	194.13	154.19	114.58
266.04	243.89	221.69	193.04	153.69	114.50	33	266.94	244.83	222.69	194.13	154.75	115.44
266.61	244.12	221.66	193.04	154.22	115.32	32	267.51	245.06	222.67	194.13	155.28	116.26
267.17	244.35	221.64	193.04	154.73	116.12	31	268.08	245.29	222.65	194.13	155.79	117.06
267.72	244.57	221.62	193.04	155.21	116.89	30	268.63	245.51	222.63	194.13	156.27	117.84
268.25	244.79	221.60	193.04	155.67	117.64	29	269.16	245.73	222.61	194.13	156.73	118.59
268.78	245.01	221.59	193.04	156.11	118.36	28	269.69	245.95	222.60	194.13	157.17	119.32
269.30	245.22	221.57	193.04	156.53	119.06	27	270.21	246.16	222.58	194.13	157.59	120.02
269.80	245.43	221.55	193.04	156.93	119.74	26	270.72	246.38	222.57	194.13	157.99	120.70
270.30	245.64	221.54	193.04	157.31	120.40	25	271.22	246.59	222.56	194.13	158.37	121.36
270.79	245.84	221.53	193.04	157.67	121.04	24	271.72	246.79	222.55	194.13	158.74	122.00
271.28	246.05	221.52	193.04	158.02	121.66	23	272.20	247.00	222.54	194.13	159.09	122.62
271.75	246.26	221.52	193.04	158.35	122.26	22	272.68	247.21	222.53	194.13	159.42	123.23
272.22	246.46	221.51	193.04	158.67	122.84	21	273.15	247.42	222.53	194.13	159.74	123.81
272.69	246.67	221.52	193.04	158.97	123.40	20	273.61	247.63	222.53	194.13	160.04	124.37
273.14	246.88	221.52	193.04	159.26	123.94	19	274.07	247.83	222.54	194.13	160.33	124.92
273.59	247.09	221.53	193.04	159.53	124.47	18	274.52	248.04	222.55	194.13	160.60	125.45
274.04	247.30	221.54	193.04	159.80	124.98	17	274.97	248.25	222.56	194.13	160.86	125.96
274.48	247.51	221.55	193.04	160.05	125.48	16	275.41	248.47	222.57	194.13	161.11	126.46
274.91	247.73	221.57	193.04	160.28	125.96	15	275.84	248.68	222.59	194.13	161.35	126.94
275.35	247.95	221.59	193.04	160.51	126.43	14	276.28	248.90	222.62	194.13	161.58	127.41
275.77	248.17	221.62	193.04	160.72	126.88	13	276.70	249.12	222.64	194.13	161.79	127.86
276.19	248.39	221.65	193.04	160.93	127.32	12	277.12	249.35	222.68	194.13	161.99	128.30
276.61	248.62	221.69	193.04	161.12	127.74	11	277.54	249.57	222.71	194.13	162.19	128.72
277.03	248.85	221.73	193.04	161.31	128.15	10	277.96	249.81	222.75	194.13	162.37	129.14
277.44	249.09	221.78	193.04	161.48	128.55	9	278.37	250.04	222.80	194.13	162.55	129.54
277.85	249.33	221.83	193.04	161.65	128.94	8	278.78	250.28	222.85	194.13	162.71	129.92
278.25	249.57	221.88	193.04	161.80	129.31	7	279.18	250.53	222.91	194.13	162.86	130.30
278.66	249.82	221.95	193.04	161.95	129.68	6	279.59	250.78	222.97	194.13	163.01	130.66
279.06	250.08	222.01	193.04	162.09	130.03	5	279.99	251.03	223.04	194.13	163.15	131.01
279.46	250.34	222.09	193.04	162.22	130.37	4	280.38	251.29	223.11	194.13	163.28	131.35
279.85	250.61	222.16	193.04	162.34	130.70	3	280.78	251.56	223.19	194.13	163.40	131.68
280.25	250.88	222.25	193.04	162.45	131.02	2	281.17	251.83	223.27	194.13	163.51	132.00
280.64	251.16	222.34	193.04	162.56	131.33	1	281.57	252.11	223.36	194.13	163.62	132.31
281.03	251.45	222.44	193.04	162.65	131.63	0	281.96	252.40	223.46	194.13	163.71	132.61

194° Sternzeit 12h56min						195° Sternzeit 13h 0min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
238.53	230.15	219.92	195.20	108.20	70.62	64	239.08	230.79	220.68	196.28	108.84	71.10
240.05	231.15	220.39	195.20	111.81	72.92	63	240.63	231.81	221.18	196.28	112.50	73.43
241.52	232.10	220.82	195.20	115.16	75.16	62	242.12	232.78	221.62	196.28	115.90	75.70
242.93	232.99	221.20	195.20	118.26	77.33	61	243.55	233.70	222.02	196.28	119.05	77.90
244.28	233.84	221.55	195.20	121.14	79.44	60	244.93	234.56	222.38	196.28	121.97	80.03
245.59	234.64	221.86	195.20	123.81	81.47	59	246.26	235.38	222.71	196.28	124.67	82.10
246.85	235.40	222.14	195.20	126.29	83.45	58	247.54	236.15	223.00	196.28	127.18	84.10
248.06	236.11	222.38	195.20	128.59	85.36	57	248.76	236.88	223.26	196.28	129.50	86.03
249.23	236.79	222.60	195.20	130.73	87.21	56	249.95	237.57	223.49	196.28	131.66	87.91
250.35	237.42	222.80	195.20	132.72	89.00	55	251.09	238.22	223.69	196.28	133.67	89.72
251.44	238.03	222.96	195.20	134.58	90.73	54	252.19	238.84	223.87	196.28	135.54	91.47
252.49	238.60	223.11	195.20	136.31	92.41	53	253.25	239.42	224.03	196.28	137.29	93.16
253.50	239.14	223.24	195.20	137.93	94.03	52	254.28	239.97	224.16	196.28	138.92	94.80
254.48	239.65	223.35	195.20	139.44	95.59	51	255.27	240.50	224.28	196.28	140.44	96.38
255.42	240.14	223.44	195.20	140.87	97.10	50	256.22	240.99	224.38	196.28	141.87	97.91
256.34	240.60	223.52	195.20	142.20	98.57	49	257.15	241.46	224.46	196.28	143.22	99.38
257.22	241.04	223.59	195.20	143.45	99.98	48	258.04	241.91	224.54	196.28	144.48	100.81
258.08	241.46	223.64	195.20	144.63	101.35	47	258.91	242.34	224.59	196.28	145.66	102.19
258.91	241.86	223.68	195.20	145.75	102.67	46	259.75	242.74	224.64	196.28	146.78	103.52
259.72	242.24	223.72	195.20	146.79	103.95	45	260.57	243.13	224.68	196.28	147.83	104.81
260.50	242.60	223.74	195.20	147.79	105.18	44	261.36	243.49	224.71	196.28	148.83	106.06
261.26	242.95	223.76	195.20	148.72	106.38	43	262.12	243.85	224.73	196.28	149.77	107.26
262.00	243.28	223.77	195.20	149.61	107.53	42	262.87	244.18	224.75	196.28	150.66	108.43
262.72	243.60	223.77	195.20	150.45	108.65	41	263.59	244.51	224.75	196.28	151.50	109.55
263.42	243.90	223.77	195.20	151.25	109.73	40	264.30	244.82	224.76	196.28	152.30	110.64
264.10	244.19	223.77	195.20	152.00	110.78	39	264.98	245.11	224.76	196.28	153.06	111.69
264.76	244.48	223.76	195.20	152.72	111.79	38	265.65	245.40	224.75	196.28	153.78	112.71
265.41	244.75	223.75	195.20	153.40	112.77	37	266.30	245.68	224.74	196.28	154.46	113.70
266.04	245.01	223.74	195.20	154.05	113.72	36	266.94	245.94	224.73	196.28	155.11	114.65
266.66	245.27	223.72	195.20	154.67	114.63	35	267.56	246.20	224.72	196.28	155.73	115.57
267.26	245.52	223.71	195.20	155.25	115.52	34	268.16	246.45	224.71	196.28	156.31	116.46
267.85	245.76	223.69	195.20	155.81	116.38	33	268.76	246.70	224.69	196.28	156.87	117.32
268.42	246.00	223.67	195.20	156.34	117.21	32	269.33	246.94	224.68	196.28	157.41	118.16
268.99	246.23	223.66	195.20	156.85	118.01	31	269.90	247.17	224.66	196.28	157.92	118.97
269.54	246.45	223.64	195.20	157.34	118.79	30	270.46	247.40	224.64	196.28	158.40	119.75
270.08	246.68	223.62	195.20	157.80	119.55	29	271.00	247.62	224.63	196.28	158.86	120.51
270.61	246.90	223.61	195.20	158.24	120.28	28	271.53	247.84	224.62	196.28	159.30	121.24
271.13	247.11	223.59	195.20	158.66	120.98	27	272.06	248.06	224.60	196.28	159.72	121.95
271.64	247.32	223.58	195.20	159.06	121.67	26	272.57	248.27	224.59	196.28	160.12	122.64
272.15	247.54	223.57	195.20	159.44	122.33	25	273.07	248.49	224.58	196.28	160.51	123.30
272.64	247.75	223.56	195.20	159.81	122.97	24	273.57	248.70	224.57	196.28	160.87	123.95
273.13	247.95	223.55	195.20	160.15	123.60	23	274.06	248.91	224.57	196.28	161.22	124.57
273.61	248.16	223.55	195.20	160.49	124.20	22	274.54	249.12	224.57	196.28	161.55	125.18
274.08	248.37	223.55	195.20	160.80	124.78	21	275.01	249.33	224.57	196.28	161.87	125.76
274.54	248.58	223.55	195.20	161.10	125.35	20	275.48	249.53	224.57	196.28	162.17	126.33
275.00	248.79	223.56	195.20	161.39	125.90	19	275.94	249.74	224.57	196.28	162.46	126.88
275.45	249.00	223.57	195.20	161.67	126.43	18	276.39	249.95	224.58	196.28	162.74	127.41
275.90	249.21	223.58	195.20	161.93	126.94	17	276.83	250.17	224.60	196.28	163.00	127.93
276.34	249.42	223.59	195.20	162.18	127.44	16	277.28	250.38	224.61	196.28	163.25	128.43
276.78	249.64	223.61	195.20	162.42	127.92	15	277.71	250.60	224.63	196.28	163.48	128.91
277.21	249.86	223.64	195.20	162.64	128.39	14	278.14	250.81	224.66	196.28	163.71	129.38
277.63	250.08	223.67	195.20	162.86	128.84	13	278.57	251.03	224.69	196.28	163.92	129.83
278.06	250.30	223.70	195.20	163.06	129.28	12	278.99	251.26	224.72	196.28	164.13	130.27
278.48	250.53	223.74	195.20	163.25	129.71	11	279.41	251.48	224.76	196.28	164.32	130.70
278.89	250.76	223.78	195.20	163.44	130.12	10	279.82	251.72	224.80	196.28	164.50	131.11
279.30	251.00	223.82	195.20	163.61	130.52	9	280.24	251.95	224.84	196.28	164.68	131.51
279.71	251.23	223.87	195.20	163.77	130.91	8	280.64	252.19	224.90	196.28	164.84	131.89
280.11	251.48	223.93	195.20	163.93	131.28	7	281.05	252.43	224.95	196.28	164.99	132.27
280.52	251.73	223.99	195.20	164.08	131.64	6	281.45	252.68	225.01	196.28	165.14	132.63
280.92	251.98	224.06	195.20	164.21	132.00	5	281.85	252.93	225.08	196.28	165.28	132.98
281.31	252.24	224.13	195.20	164.34	132.34	4	282.24	253.19	225.15	196.28	165.40	133.32
281.71	252.51	224.21	195.20	164.46	132.67	3	282.64	253.46	225.23	196.28	165.52	133.65
282.10	252.78	224.30	195.20	164.57	132.99	2	283.03	253.73	225.32	196.28	165.64	133.97
282.49	253.06	224.39	195.20	164.68	133.29	1	283.42	254.01	225.41	196.28	165.74	134.28
282.88	253.34	224.48	195.20	164.78	133.59	0	283.81	254.29	225.50	196.28	165.84	134.58

196°		Sternzeit				13h 4min	197°		Sternzeit				13h 8min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
239.64	231.43	221.45	197.36	109.47	71.57	64	240.20	232.07	222.22	198.43	110.11	72.05	
241.21	232.48	221.96	197.36	113.20	73.94	63	241.80	233.14	222.75	198.43	113.89	74.46	
242.73	233.47	222.42	197.36	116.65	76.24	62	243.34	234.16	223.23	198.43	117.40	76.79	
244.18	234.40	222.84	197.36	119.84	78.47	61	244.82	235.11	223.66	198.43	120.64	79.05	
245.58	235.29	223.22	197.36	122.80	80.63	60	246.24	236.01	224.06	198.43	123.63	81.24	
246.93	236.12	223.56	197.36	125.53	82.73	59	247.60	236.87	224.41	198.43	126.40	83.36	
248.23	236.91	223.86	197.36	128.07	84.75	58	248.92	237.67	224.72	198.43	128.96	85.41	
249.47	237.65	224.13	197.36	130.42	86.71	57	250.19	238.43	225.01	198.43	131.34	87.39	
250.67	238.36	224.37	197.36	132.60	88.61	56	251.40	239.15	225.26	198.43	133.54	89.31	
251.83	239.02	224.59	197.36	134.62	90.44	55	252.58	239.83	225.48	198.43	135.58	91.17	
252.95	239.65	224.77	197.36	136.51	92.21	54	253.71	240.47	225.68	198.43	137.49	92.96	
254.02	240.25	224.94	197.36	138.27	93.92	53	254.80	241.07	225.85	198.43	139.26	94.69	
255.06	240.81	225.08	197.36	139.91	95.57	52	255.85	241.65	226.01	198.43	140.91	96.36	
256.06	241.34	225.21	197.36	141.45	97.17	51	256.86	242.19	226.14	198.43	142.46	97.97	
257.03	241.85	225.32	197.36	142.89	98.72	50	257.84	242.70	226.25	198.43	143.90	99.53	
257.97	242.33	225.41	197.36	144.23	100.21	49	258.79	243.19	226.35	198.43	145.26	101.04	
258.87	242.78	225.49	197.36	145.50	101.65	48	259.70	243.66	226.44	198.43	146.53	102.49	
259.75	243.21	225.55	197.36	146.69	103.04	47	260.59	244.10	226.51	198.43	147.73	103.90	
260.60	243.63	225.60	197.36	147.82	104.38	46	261.44	244.51	226.56	198.43	148.86	105.25	
261.42	244.02	225.65	197.36	148.87	105.68	45	262.27	244.91	226.61	198.43	149.92	106.56	
262.21	244.39	225.68	197.36	149.87	106.94	44	263.08	245.29	226.65	198.43	150.92	107.83	
262.99	244.75	225.71	197.36	150.82	108.15	43	263.86	245.66	226.68	198.43	151.87	109.05	
263.74	245.09	225.72	197.36	151.71	109.33	42	264.62	246.00	226.70	198.43	152.76	110.23	
264.47	245.42	225.74	197.36	152.55	110.46	41	265.35	246.33	226.72	198.43	153.61	111.37	
265.18	245.73	225.74	197.36	153.35	111.55	40	266.07	246.65	226.73	198.43	154.41	112.47	
265.87	246.03	225.74	197.36	154.11	112.61	39	266.77	246.96	226.73	198.43	155.17	113.54	
266.54	246.32	225.74	197.36	154.83	113.64	38	267.44	247.25	226.73	198.43	155.90	114.57	
267.20	246.60	225.74	197.36	155.52	114.63	37	268.10	247.54	226.73	198.43	156.58	115.57	
267.84	246.87	225.73	197.36	156.17	115.59	36	268.75	247.81	226.72	198.43	157.23	116.53	
268.46	247.14	225.72	197.36	156.79	116.51	35	269.38	248.07	226.71	198.43	157.85	117.46	
269.07	247.39	225.71	197.36	157.38	117.41	34	269.99	248.33	226.70	198.43	158.44	118.36	
269.67	247.64	225.69	197.36	157.94	118.28	33	270.59	248.58	226.69	198.43	159.01	119.24	
270.25	247.88	225.68	197.36	158.47	119.12	32	271.17	248.82	226.68	198.43	159.54	120.08	
270.82	248.11	225.66	197.36	158.98	119.93	31	271.74	249.06	226.67	198.43	160.05	120.89	
271.38	248.34	225.65	197.36	159.47	120.71	30	272.30	249.29	226.66	198.43	160.54	121.68	
271.92	248.57	225.64	197.36	159.93	121.47	29	272.85	249.52	226.64	198.43	161.00	122.45	
272.46	248.79	225.62	197.36	160.37	122.21	28	273.39	249.74	226.63	198.43	161.44	123.18	
272.98	249.01	225.61	197.36	160.79	122.92	27	273.92	249.96	226.62	198.43	161.86	123.90	
273.50	249.23	225.60	197.36	161.19	123.61	26	274.43	250.18	226.61	198.43	162.26	124.59	
274.01	249.44	225.59	197.36	161.58	124.28	25	274.94	250.39	226.60	198.43	162.65	125.26	
274.50	249.65	225.59	197.36	161.94	124.93	24	275.44	250.61	226.60	198.43	163.01	125.91	
274.99	249.86	225.58	197.36	162.29	125.55	23	275.93	250.82	226.59	198.43	163.36	126.54	
275.47	250.07	225.58	197.36	162.62	126.16	22	276.41	251.03	226.59	198.43	163.69	127.15	
275.95	250.28	225.58	197.36	162.94	126.75	21	276.88	251.24	226.59	198.43	164.01	127.73	
276.41	250.49	225.58	197.36	163.24	127.31	20	277.35	251.45	226.60	198.43	164.31	128.30	
276.87	250.70	225.59	197.36	163.53	127.87	19	277.81	251.66	226.60	198.43	164.60	128.85	
277.33	250.91	225.60	197.36	163.81	128.40	18	278.27	251.87	226.61	198.43	164.88	129.39	
277.77	251.12	225.61	197.36	164.07	128.91	17	278.71	252.08	226.63	198.43	165.14	129.91	
278.21	251.34	225.63	197.36	164.32	129.41	16	279.15	252.30	226.65	198.43	165.39	130.41	
278.65	251.55	225.65	197.36	164.55	129.90	15	279.59	252.51	226.67	198.43	165.62	130.89	
279.08	251.77	225.67	197.36	164.78	130.37	14	280.02	252.73	226.69	198.43	165.85	131.36	
279.51	251.99	225.70	197.36	164.99	130.82	13	280.45	252.95	226.72	198.43	166.06	131.81	
279.93	252.21	225.74	197.36	165.20	131.26	12	280.87	253.17	226.75	198.43	166.26	132.25	
280.35	252.44	225.77	197.36	165.39	131.69	11	281.29	253.40	226.79	198.43	166.46	132.68	
280.76	252.67	225.82	197.36	165.57	132.10	10	281.70	253.63	226.83	198.43	166.64	133.09	
281.17	252.91	225.86	197.36	165.74	132.50	9	282.11	253.86	226.88	198.43	166.81	133.49	
281.58	253.14	225.91	197.36	165.91	132.88	8	282.52	254.10	226.93	198.43	166.97	133.88	
281.98	253.39	225.97	197.36	166.06	133.26	7	282.92	254.34	226.99	198.43	167.13	134.25	
282.38	253.63	226.03	197.36	166.21	133.62	6	283.32	254.59	227.05	198.43	167.27	134.61	
282.78	253.89	226.10	197.36	166.34	133.97	5	283.72	254.84	227.12	198.43	167.41	134.96	
283.18	254.14	226.17	197.36	166.47	134.31	4	284.11	255.10	227.19	198.43	167.53	135.30	
283.57	254.41	226.25	197.36	166.59	134.64	3	284.50	255.36	227.27	198.43	167.65	135.63	
283.96	254.68	226.33	197.36	166.70	134.96	2	284.89	255.63	227.35	198.43	167.76	135.95	
284.35	254.95	226.42	197.36	166.80	135.27	1	285.28	255.90	227.44	198.43	167.87	136.25	
284.74	255.24	226.52	197.36	166.90	135.56	0	285.67	256.18	227.54	198.43	167.96	136.55	

198°		Sternzeit			13h12min		Br.	199°		Sternzeit			13h16min	
Asz.	XII	XI	MC	IX	VIII		Asz.	XII	XI	MC	IX	VIII		
240.76	232.72	222.99	199.50	110.75	72.53	64	241.32	233.36	223.75	200.57	111.38	73.01		
242.38	233.81	223.53	199.50	114.59	74.97	63	242.97	234.48	224.32	200.57	115.29	75.48		
243.95	234.85	224.03	199.50	118.15	77.33	62	244.56	235.54	224.84	200.57	118.91	77.88		
245.45	235.82	224.48	199.50	121.44	79.62	61	246.09	236.53	225.31	200.57	122.24	80.20		
246.89	236.74	224.89	199.50	124.47	81.84	60	247.55	237.47	225.73	200.57	125.32	82.45		
248.28	237.61	225.26	199.50	127.28	83.99	59	248.96	238.36	226.11	200.57	128.15	84.63		
249.62	238.43	225.59	199.50	129.87	86.07	58	250.32	239.20	226.45	200.57	130.77	86.74		
250.90	239.21	225.88	199.50	132.26	88.08	57	251.62	239.99	226.76	200.57	133.19	88.77		
252.14	239.94	226.15	199.50	134.49	90.02	56	252.88	240.74	227.04	200.57	135.44	90.74		
253.33	240.63	226.38	199.50	136.55	91.90	55	254.08	241.44	227.28	200.57	137.52	92.64		
254.47	241.29	226.59	199.50	138.46	93.71	54	255.24	242.11	227.50	200.57	139.45	94.47		
255.58	241.90	226.77	199.50	140.25	95.46	53	256.36	242.74	227.69	200.57	141.24	96.24		
256.64	242.49	226.93	199.50	141.91	97.15	52	257.44	243.33	227.86	200.57	142.92	97.94		
257.67	243.04	227.07	199.50	143.47	98.78	51	258.48	243.90	228.00	200.57	144.48	99.59		
258.66	243.56	227.19	199.50	144.92	100.35	50	259.48	244.43	228.13	200.57	145.95	101.18		
259.62	244.06	227.30	199.50	146.29	101.87	49	260.45	244.93	228.24	200.57	147.32	102.72		
260.54	244.53	227.39	199.50	147.56	103.34	48	261.38	245.41	228.34	200.57	148.60	104.20		
261.43	244.98	227.46	199.50	148.77	104.76	47	262.29	245.87	228.42	200.57	149.81	105.63		
262.30	245.41	227.53	199.50	149.90	106.12	46	263.16	246.30	228.49	200.57	150.94	107.00		
263.14	245.81	227.58	199.50	150.96	107.45	45	264.01	246.71	228.54	200.57	152.01	108.34		
263.95	246.20	227.62	199.50	151.97	108.72	44	264.83	247.10	228.59	200.57	153.02	109.62		
264.74	246.56	227.65	199.50	152.92	109.95	43	265.62	247.48	228.63	200.57	153.97	110.86		
265.50	246.92	227.68	199.50	153.82	111.14	42	266.39	247.83	228.66	200.57	154.88	112.06		
266.24	247.25	227.70	199.50	154.67	112.29	41	267.14	248.18	228.68	200.57	155.73	113.22		
266.97	247.58	227.71	199.50	155.47	113.40	40	267.87	248.50	228.70	200.57	156.53	114.33		
267.67	247.88	227.72	199.50	156.23	114.47	39	268.57	248.82	228.71	200.57	157.30	115.41		
268.35	248.18	227.72	199.50	156.96	115.51	38	269.26	249.12	228.71	200.57	158.02	116.46		
269.01	248.47	227.72	199.50	157.65	116.51	37	269.93	249.41	228.71	200.57	158.71	117.46		
269.66	248.75	227.72	199.50	158.30	117.48	36	270.58	249.69	228.71	200.57	159.37	118.44		
270.29	249.01	227.71	199.50	158.92	118.42	35	271.21	249.96	228.71	200.57	159.99	119.38		
270.91	249.27	227.70	199.50	159.51	119.32	34	271.83	250.22	228.70	200.57	160.58	120.29		
271.51	249.52	227.69	199.50	160.07	120.20	33	272.44	250.47	228.69	200.57	161.14	121.17		
272.10	249.77	227.68	199.50	160.61	121.04	32	273.03	250.72	228.68	200.57	161.68	122.02		
272.67	250.01	227.67	199.50	161.12	121.86	31	273.60	250.96	228.67	200.57	162.19	122.84		
273.23	250.24	227.66	199.50	161.61	122.66	30	274.17	251.19	228.66	200.57	162.68	123.63		
273.78	250.47	227.65	199.50	162.07	123.42	29	274.72	251.42	228.65	200.57	163.14	124.40		
274.32	250.70	227.64	199.50	162.51	124.16	28	275.26	251.65	228.64	200.57	163.58	125.15		
274.85	250.92	227.63	199.50	162.93	124.88	27	275.79	251.87	228.64	200.57	164.00	125.87		
275.37	251.13	227.62	199.50	163.33	125.58	26	276.31	252.09	228.63	200.57	164.41	126.56		
275.88	251.35	227.61	199.50	163.72	126.25	25	276.82	252.31	228.62	200.57	164.79	127.24		
276.38	251.56	227.61	199.50	164.08	126.90	24	277.32	252.52	228.62	200.57	165.16	127.89		
276.87	251.78	227.60	199.50	164.43	127.53	23	277.81	252.73	228.61	200.57	165.50	128.52		
277.35	251.99	227.60	199.50	164.76	128.14	22	278.30	252.95	228.61	200.57	165.84	129.13		
277.83	252.20	227.61	199.50	165.08	128.72	21	278.77	253.16	228.62	200.57	166.15	129.72		
278.29	252.41	227.61	199.50	165.38	129.30	20	279.24	253.37	228.62	200.57	166.46	130.29		
278.76	252.62	227.62	199.50	165.67	129.85	19	279.70	253.58	228.63	200.57	166.74	130.84		
279.21	252.83	227.63	199.50	165.95	130.38	18	280.16	253.79	228.64	200.57	167.02	131.38		
279.66	253.04	227.64	199.50	166.21	130.90	17	280.60	254.00	228.65	200.57	167.28	131.90		
280.10	253.25	227.66	199.50	166.46	131.40	16	281.05	254.21	228.67	200.57	167.53	132.40		
280.53	253.47	227.68	199.50	166.69	131.89	15	281.48	254.43	228.69	200.57	167.76	132.88		
280.97	253.69	227.71	199.50	166.92	132.35	14	281.91	254.65	228.72	200.57	167.99	133.35		
281.39	253.91	227.73	199.50	167.13	132.81	13	282.34	254.86	228.75	200.57	168.20	133.81		
281.81	254.13	227.77	199.50	167.33	133.25	12	282.76	255.09	228.78	200.57	168.40	134.25		
282.23	254.35	227.81	199.50	167.53	133.67	11	283.17	255.31	228.82	200.57	168.59	134.67		
282.64	254.58	227.85	199.50	167.71	134.09	10	283.59	255.54	228.86	200.57	168.78	135.08		
283.05	254.82	227.89	199.50	167.88	134.49	9	283.99	255.77	228.91	200.57	168.95	135.48		
283.46	255.05	227.95	199.50	168.04	134.87	8	284.40	256.01	228.96	200.57	169.11	135.87		
283.86	255.29	228.00	199.50	168.19	135.24	7	284.80	256.25	229.02	200.57	169.26	136.24		
284.26	255.54	228.06	199.50	168.34	135.61	6	285.20	256.49	229.08	200.57	169.40	136.60		
284.65	255.79	228.13	199.50	168.47	135.96	5	285.59	256.74	229.14	200.57	169.54	136.95		
285.05	256.05	228.20	199.50	168.60	136.29	4	285.98	257.00	229.22	200.57	169.66	137.29		
285.44	256.31	228.28	199.50	168.72	136.62	3	286.37	257.26	229.29	200.57	169.78	137.61		
285.83	256.58	228.36	199.50	168.83	136.94	2	286.76	257.52	229.38	200.57	169.89	137.93		
286.21	256.85	228.45	199.50	168.93	137.24	1	287.15	257.80	229.47	200.57	169.99	138.24		
286.60	257.13	228.55	199.50	169.02	137.54	0	287.53	258.07	229.56	200.57	170.09	138.53		

200°		Sternzeit				13h20min	Br.	201°		Sternzeit				13h24min
Asz.	XII	XI	MC	IX	VIII		Asz.	XII	XI	MC	IX	VIII		
241.88	234.01	224.52	201.64	112.02	73.49	64	242.44	234.65	225.28	202.71	112.65	73.97		
243.56	235.15	225.11	201.64	116.00	76.00	63	244.15	235.82	225.89	202.71	116.70	76.51		
245.18	236.23	225.64	201.64	119.67	78.43	62	245.80	236.92	226.45	202.71	120.43	78.98		
246.73	237.25	226.13	201.64	123.05	80.79	61	247.37	237.96	226.95	202.71	123.86	81.37		
248.22	238.21	226.57	201.64	126.16	83.07	60	248.89	238.94	227.40	202.71	127.01	83.69		
249.65	239.11	226.96	201.64	129.03	85.28	59	250.34	239.87	227.81	202.71	129.92	85.92		
251.03	239.97	227.32	201.64	131.68	87.41	58	251.74	240.74	228.18	202.71	132.60	88.09		
252.35	240.77	227.64	201.64	134.13	89.47	57	253.08	241.56	228.52	202.71	135.07	90.17		
253.62	241.54	227.92	201.64	136.39	91.46	56	254.37	242.34	228.81	202.71	137.35	92.19		
254.84	242.26	228.18	201.64	138.49	93.38	55	255.61	243.07	229.08	202.71	139.47	94.13		
256.02	242.93	228.41	201.64	140.44	95.23	54	256.80	243.76	229.32	202.71	141.43	96.01		
257.15	243.58	228.61	201.64	142.24	97.02	53	257.95	244.42	229.53	202.71	143.25	97.81		
258.24	244.18	228.78	201.64	143.93	98.75	52	259.05	245.03	229.71	202.71	144.95	99.56		
259.29	244.75	228.94	201.64	145.50	100.41	51	260.12	245.62	229.87	202.71	146.53	101.24		
260.31	245.30	229.07	201.64	146.97	102.02	50	261.14	246.17	230.02	202.71	148.00	102.86		
261.29	245.81	229.19	201.64	148.35	103.57	49	262.13	246.69	230.14	202.71	149.39	104.42		
262.23	246.30	229.29	201.64	149.64	105.06	48	263.09	247.19	230.25	202.71	150.68	105.93		
263.14	246.76	229.38	201.64	150.85	106.50	47	264.01	247.66	230.34	202.71	151.90	107.38		
264.03	247.20	229.45	201.64	151.99	107.89	46	264.90	248.10	230.42	202.71	153.04	108.79		
264.88	247.62	229.51	201.64	153.07	109.23	45	265.76	248.53	230.48	202.71	154.12	110.14		
265.71	248.01	229.56	201.64	154.08	110.53	44	266.60	248.93	230.54	202.71	155.14	111.44		
266.51	248.39	229.60	201.64	155.03	111.78	43	267.40	249.31	230.58	202.71	156.09	112.70		
267.29	248.76	229.64	201.64	155.94	112.98	42	268.19	249.68	230.62	202.71	157.00	113.92		
268.04	249.10	229.66	201.64	156.79	114.15	41	268.95	250.03	230.64	202.71	157.85	115.09		
268.77	249.43	229.68	201.64	157.60	115.27	40	269.68	250.36	230.67	202.71	158.66	116.22		
269.48	249.75	229.69	201.64	158.36	116.36	39	270.40	250.69	230.68	202.71	159.43	117.31		
270.17	250.05	229.70	201.64	159.09	117.41	38	271.10	250.99	230.69	202.71	160.16	118.37		
270.85	250.35	229.71	201.64	159.78	118.42	37	271.77	251.29	230.70	202.71	160.85	119.38		
271.50	250.63	229.71	201.64	160.44	119.40	36	272.43	251.57	230.70	202.71	161.51	120.37		
272.14	250.90	229.70	201.64	161.06	120.34	35	273.07	251.85	230.70	202.71	162.13	121.32		
272.76	251.17	229.70	201.64	161.65	121.26	34	273.70	252.12	230.70	202.71	162.72	122.23		
273.37	251.42	229.69	201.64	162.22	122.14	33	274.31	252.37	230.69	202.71	163.29	123.12		
273.96	251.67	229.68	201.64	162.75	122.99	32	274.90	252.62	230.69	202.71	163.82	123.98		
274.54	251.91	229.68	201.64	163.26	123.82	31	275.49	252.87	230.68	202.71	164.34	124.81		
275.11	252.15	229.67	201.64	163.75	124.62	30	276.05	253.11	230.67	202.71	164.82	125.61		
275.66	252.38	229.66	201.64	164.21	125.39	29	276.61	253.34	230.66	202.71	165.29	126.38		
276.21	252.61	229.65	201.64	164.66	126.14	28	277.15	253.57	230.65	202.71	165.73	127.13		
276.74	252.83	229.64	201.64	165.08	126.86	27	277.69	253.79	230.65	202.71	166.15	127.85		
277.26	253.05	229.63	201.64	165.48	127.56	26	278.21	254.01	230.64	202.71	166.55	128.55		
277.77	253.27	229.63	201.64	165.86	128.23	25	278.72	254.23	230.64	202.71	166.94	129.23		
278.27	253.48	229.63	201.64	166.23	128.88	24	279.22	254.44	230.63	202.71	167.30	129.88		
278.76	253.70	229.62	201.64	166.58	129.52	23	279.72	254.66	230.63	202.71	167.65	130.52		
279.25	253.91	229.62	201.64	166.91	130.13	22	280.20	254.87	230.63	202.71	167.98	131.13		
279.72	254.12	229.63	201.64	167.23	130.72	21	280.68	255.08	230.64	202.71	168.30	131.72		
280.19	254.33	229.63	201.64	167.53	131.29	20	281.15	255.29	230.64	202.71	168.60	132.29		
280.65	254.54	229.64	201.64	167.82	131.84	19	281.61	255.50	230.65	202.71	168.89	132.85		
281.11	254.75	229.65	201.64	168.09	132.38	18	282.06	255.71	230.66	202.71	169.16	133.39		
281.55	254.96	229.67	201.64	168.35	132.90	17	282.51	255.92	230.68	202.71	169.42	133.90		
282.00	255.17	229.68	201.64	168.60	133.40	16	282.95	256.14	230.69	202.71	169.67	134.41		
282.43	255.39	229.71	201.64	168.83	133.89	15	283.38	256.35	230.72	202.71	169.90	134.89		
282.86	255.61	229.73	201.64	169.06	134.36	14	283.81	256.57	230.74	202.71	170.13	135.36		
283.29	255.82	229.76	201.64	169.27	134.81	13	284.24	256.78	230.77	202.71	170.34	135.81		
283.71	256.05	229.79	201.64	169.47	135.25	12	284.66	257.00	230.80	202.71	170.54	136.25		
284.12	256.27	229.83	201.64	169.66	135.67	11	285.07	257.23	230.84	202.71	170.73	136.68		
284.53	256.50	229.87	201.64	169.84	136.09	10	285.48	257.45	230.88	202.71	170.91	137.09		
284.94	256.73	229.92	201.64	170.01	136.48	9	285.89	257.69	230.93	202.71	171.08	137.49		
285.34	256.96	229.97	201.64	170.18	136.87	8	286.29	257.92	230.98	202.71	171.24	137.87		
285.74	257.20	230.03	201.64	170.33	137.24	7	286.69	258.16	231.04	202.71	171.40	138.24		
286.14	257.45	230.09	201.64	170.47	137.60	6	287.09	258.40	231.10	202.71	171.54	138.60		
286.53	257.69	230.15	201.64	170.60	137.95	5	287.48	258.65	231.16	202.71	171.67	138.95		
286.92	257.95	230.23	201.64	170.73	138.28	4	287.87	258.90	231.24	202.71	171.80	139.28		
287.31	258.21	230.30	201.64	170.85	138.61	3	288.25	259.16	231.31	202.71	171.91	139.61		
287.70	258.47	230.39	201.64	170.96	138.92	2	288.64	259.42	231.40	202.71	172.02	139.92		
288.08	258.74	230.48	201.64	171.06	139.23	1	289.02	259.69	231.48	202.71	172.12	140.22		
288.46	259.02	230.57	201.64	171.15	139.52	0	289.40	259.96	231.58	202.71	172.21	140.52		

202°						203°						
Sternzeit						Sternzeit						
13h28min						13h32min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
243.01	235.30	226.05	203.77	113.29	74.45	64	243.57	235.95	226.82	204.83	113.93	74.93
244.75	236.49	226.68	203.77	117.41	77.03	63	245.34	237.17	227.47	204.83	118.11	77.56
246.42	237.62	227.25	203.77	121.19	79.54	62	247.04	238.32	228.06	204.83	121.96	80.10
248.02	238.68	227.77	203.77	124.67	81.96	61	248.67	239.40	228.60	204.83	125.49	82.56
249.56	239.68	228.24	203.77	127.87	84.31	60	250.23	240.42	229.08	204.83	128.73	84.94
251.03	240.62	228.67	203.77	130.81	86.58	59	251.73	241.38	229.52	204.83	131.71	87.24
252.45	241.51	229.05	203.77	133.52	88.77	58	253.17	242.29	229.92	204.83	134.44	89.46
253.81	242.35	229.40	203.77	136.01	90.88	57	254.56	243.15	230.28	204.83	136.96	91.60
255.12	243.15	229.71	203.77	138.32	92.92	56	255.88	243.96	230.60	204.83	139.29	93.66
256.38	243.89	229.98	203.77	140.45	94.89	55	257.16	244.72	230.89	204.83	141.44	95.65
257.59	244.60	230.23	203.77	142.42	96.78	54	258.38	245.44	231.14	204.83	143.43	97.57
258.75	245.26	230.45	203.77	144.26	98.61	53	259.56	246.11	231.37	204.83	145.27	99.42
259.87	245.89	230.64	203.77	145.96	100.38	52	260.69	246.75	231.57	204.83	146.99	101.20
260.95	246.48	230.81	203.77	147.55	102.07	51	261.78	247.36	231.75	204.83	148.59	102.92
261.98	247.05	230.96	203.77	149.04	103.71	50	262.83	247.93	231.90	204.83	150.08	104.57
262.98	247.58	231.09	203.77	150.43	105.29	49	263.84	248.47	232.04	204.83	151.47	106.16
263.95	248.08	231.20	203.77	151.73	106.81	48	264.82	248.98	232.16	204.83	152.78	107.70
264.88	248.56	231.30	203.77	152.95	108.28	47	265.76	249.46	232.26	204.83	154.00	109.17
265.78	249.01	231.38	203.77	154.10	109.69	46	266.67	249.92	232.35	204.83	155.16	110.60
266.65	249.44	231.45	203.77	155.18	111.05	45	267.54	250.36	232.42	204.83	156.24	111.97
267.49	249.85	231.51	203.77	156.20	112.37	44	268.39	250.77	232.48	204.83	157.26	113.30
268.31	250.24	231.56	203.77	157.16	113.63	43	269.21	251.17	232.53	204.83	158.22	114.57
269.09	250.61	231.60	203.77	158.06	114.86	42	270.01	251.54	232.58	204.83	159.13	115.80
269.86	250.96	231.63	203.77	158.92	116.03	41	270.78	251.90	232.61	204.83	159.99	116.99
270.60	251.30	231.65	203.77	159.73	117.17	40	271.53	252.24	232.64	204.83	160.80	118.13
271.32	251.63	231.67	203.77	160.50	118.27	39	272.25	252.57	232.66	204.83	161.57	119.24
272.02	251.94	231.68	203.77	161.23	119.33	38	272.96	252.88	232.67	204.83	162.30	120.30
272.70	252.24	231.69	203.77	161.92	120.35	37	273.64	253.19	232.68	204.83	163.00	121.33
273.37	252.52	231.69	203.77	162.58	121.34	36	274.31	253.48	232.69	204.83	163.65	122.32
274.01	252.80	231.70	203.77	163.20	122.30	35	274.96	253.76	232.69	204.83	164.28	123.28
274.64	253.07	231.69	203.77	163.80	123.22	34	275.59	254.03	232.69	204.83	164.87	124.21
275.25	253.33	231.69	203.77	164.36	124.11	33	276.20	254.29	232.69	204.83	165.44	125.10
275.85	253.58	231.69	203.77	164.90	124.97	32	276.80	254.54	232.69	204.83	165.97	125.96
276.43	253.83	231.68	203.77	165.41	125.80	31	277.39	254.79	232.68	204.83	166.49	126.80
277.00	254.07	231.67	203.77	165.90	126.60	30	277.96	255.03	232.67	204.83	166.97	127.60
277.56	254.30	231.67	203.77	166.36	127.38	29	278.52	255.26	232.67	204.83	167.44	128.38
278.11	254.53	231.66	203.77	166.80	128.13	28	279.07	255.49	232.66	204.83	167.88	129.13
278.64	254.75	231.65	203.77	167.23	128.85	27	279.60	255.72	232.66	204.83	168.30	129.86
279.16	254.97	231.65	203.77	167.63	129.55	26	280.12	255.94	232.65	204.83	168.70	130.56
279.68	255.19	231.64	203.77	168.01	130.23	25	280.64	256.16	232.65	204.83	169.09	131.24
280.18	255.41	231.64	203.77	168.38	130.89	24	281.14	256.37	232.65	204.83	169.45	131.90
280.67	255.62	231.64	203.77	168.72	131.52	23	281.64	256.59	232.65	204.83	169.80	132.53
281.16	255.83	231.64	203.77	169.06	132.14	22	282.12	256.80	232.65	204.83	170.13	133.15
281.63	256.04	231.64	203.77	169.37	132.73	21	282.60	257.01	232.65	204.83	170.45	133.74
282.10	256.26	231.65	203.77	169.67	133.30	20	283.07	257.22	232.66	204.83	170.75	134.31
282.56	256.47	231.66	203.77	169.96	133.86	19	283.53	257.43	232.67	204.83	171.03	134.87
283.02	256.68	231.67	203.77	170.23	134.39	18	283.98	257.64	232.68	204.83	171.31	135.41
283.47	256.89	231.68	203.77	170.49	134.91	17	284.43	257.85	232.69	204.83	171.57	135.92
283.91	257.10	231.70	203.77	170.74	135.41	16	284.87	258.06	232.71	204.83	171.81	136.43
284.34	257.31	231.72	203.77	170.98	135.90	15	285.30	258.28	232.73	204.83	172.05	136.91
284.77	257.53	231.75	203.77	171.20	136.37	14	285.73	258.49	232.76	204.83	172.27	137.38
285.19	257.75	231.78	203.77	171.41	136.82	13	286.15	258.71	232.79	204.83	172.48	137.83
285.61	257.96	231.81	203.77	171.61	137.26	12	286.57	258.93	232.82	204.83	172.68	138.27
286.03	258.19	231.85	203.77	171.80	137.69	11	286.98	259.15	232.86	204.83	172.87	138.70
286.43	258.41	231.89	203.77	171.98	138.10	10	287.39	259.37	232.90	204.83	173.05	139.11
286.84	258.64	231.94	203.77	172.15	138.49	9	287.79	259.60	232.94	204.83	173.22	139.50
287.24	258.88	231.99	203.77	172.31	138.88	8	288.19	259.83	232.99	204.83	173.38	139.88
287.64	259.11	232.04	203.77	172.46	139.25	7	288.59	260.07	233.05	204.83	173.53	140.25
288.03	259.35	232.10	203.77	172.60	139.60	6	288.98	260.31	233.11	204.83	173.67	140.61
288.42	259.60	232.17	203.77	172.74	139.95	5	289.37	260.55	233.18	204.83	173.80	140.96
288.81	259.85	232.24	203.77	172.86	140.29	4	289.76	260.80	233.25	204.83	173.93	141.29
289.20	260.11	232.32	203.77	172.98	140.61	3	290.14	261.06	233.32	204.83	174.04	141.61
289.58	260.37	232.40	203.77	173.08	140.92	2	290.52	261.32	233.41	204.83	174.15	141.92
289.96	260.64	232.49	203.77	173.18	141.22	1	290.90	261.58	233.49	204.83	174.24	142.22
290.34	260.91	232.58	203.77	173.27	141.51	0	291.28	261.85	233.59	204.83	174.34	142.51

204° Sternzeit 13h36min						205° Sternzeit 13h40min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
244.14	236.60	227.58	205.89	114.57	75.42	64	244.71	237.25	228.35	206.94	115.21	75.90
245.94	237.84	228.25	205.89	118.83	78.08	63	246.54	238.52	229.04	206.94	119.54	78.61
247.67	239.02	228.86	205.89	122.73	80.66	62	248.30	239.72	229.67	206.94	123.51	81.23
249.32	240.12	229.42	205.89	126.32	83.16	61	249.98	240.85	230.24	206.94	127.14	83.76
250.91	241.17	229.92	205.89	129.60	85.57	60	251.60	241.91	230.77	206.94	130.47	86.21
252.44	242.15	230.38	205.89	132.61	87.90	59	253.14	242.92	231.24	206.94	133.52	88.57
253.90	243.08	230.79	205.89	135.38	90.15	58	254.63	243.86	231.66	206.94	136.31	90.85
255.30	243.95	231.16	205.89	137.92	92.32	57	256.05	244.75	232.05	206.94	138.88	93.05
256.65	244.77	231.49	205.89	140.26	94.41	56	257.42	245.59	232.39	206.94	141.24	95.17
257.94	245.55	231.79	205.89	142.43	96.42	55	258.73	246.38	232.70	206.94	143.42	97.20
259.18	246.28	232.06	205.89	144.43	98.37	54	259.99	247.13	232.97	206.94	145.44	99.17
260.37	246.97	232.29	205.89	146.29	100.23	53	261.20	247.83	233.22	206.94	147.31	101.06
261.52	247.62	232.50	205.89	148.01	102.03	52	262.36	248.49	233.44	206.94	149.05	102.88
262.62	248.23	232.69	205.89	149.62	103.77	51	263.47	249.11	233.63	206.94	150.66	104.63
263.68	248.81	232.85	205.89	151.12	105.44	50	264.55	249.70	233.80	206.94	152.17	106.31
264.71	249.36	232.99	205.89	152.52	107.04	49	265.58	250.26	233.94	206.94	153.57	107.93
265.69	249.88	233.11	205.89	153.83	108.59	48	266.57	250.79	234.07	206.94	154.89	109.49
266.64	250.37	233.22	205.89	155.06	110.08	47	267.53	251.29	234.19	206.94	156.12	111.00
267.56	250.84	233.31	205.89	156.22	111.52	46	268.46	251.76	234.28	206.94	157.28	112.44
268.44	251.28	233.39	205.89	157.30	112.90	45	269.35	252.21	234.36	206.94	158.37	113.84
269.30	251.70	233.46	205.89	158.32	114.23	44	270.22	252.63	234.43	206.94	159.39	115.18
270.13	252.10	233.51	205.89	159.29	115.52	43	271.05	253.04	234.49	206.94	160.36	116.47
270.93	252.48	233.56	205.89	160.20	116.76	42	271.86	253.42	234.54	206.94	161.27	117.72
271.71	252.84	233.60	205.89	161.06	117.95	41	272.64	253.79	234.58	206.94	162.13	118.92
272.46	253.19	233.62	205.89	161.87	119.10	40	273.40	254.14	234.61	206.94	162.95	120.07
273.19	253.52	233.65	205.89	162.65	120.21	39	274.13	254.47	234.64	206.94	163.72	121.19
273.90	253.84	233.66	205.89	163.38	121.28	38	274.84	254.79	234.66	206.94	164.45	122.27
274.59	254.14	233.68	205.89	164.07	122.31	37	275.54	255.10	234.67	206.94	165.15	123.30
275.25	254.43	233.68	205.89	164.73	123.31	36	276.21	255.39	234.68	206.94	165.80	124.30
275.91	254.71	233.69	205.89	165.35	124.27	35	276.86	255.68	234.68	206.94	166.43	125.27
276.54	254.99	233.69	205.89	165.95	125.20	34	277.50	255.95	234.69	206.94	167.02	126.20
277.16	255.25	233.69	205.89	166.51	126.10	33	278.12	256.21	234.69	206.94	167.59	127.10
277.76	255.50	233.69	205.89	167.05	126.96	32	278.72	256.47	234.69	206.94	168.13	127.97
278.35	255.75	233.68	205.89	167.56	127.80	31	279.31	256.72	234.68	206.94	168.64	128.81
278.92	255.99	233.68	205.89	168.05	128.61	30	279.89	256.96	234.68	206.94	169.13	129.62
279.48	256.23	233.67	205.89	168.51	129.39	29	280.45	257.20	234.67	206.94	169.59	130.40
280.03	256.46	233.67	205.89	168.96	130.14	28	281.00	257.43	234.67	206.94	170.03	131.16
280.56	256.69	233.66	205.89	169.38	130.87	27	281.53	257.66	234.66	206.94	170.45	131.89
281.09	256.91	233.66	205.89	169.78	131.57	26	282.06	257.88	234.66	206.94	170.85	132.59
281.60	257.13	233.65	205.89	170.16	132.25	25	282.57	258.10	234.66	206.94	171.24	133.27
282.11	257.34	233.65	205.89	170.53	132.91	24	283.08	258.31	234.66	206.94	171.60	133.93
282.60	257.56	233.65	205.89	170.87	133.55	23	283.57	258.53	234.66	206.94	171.95	134.57
283.09	257.77	233.65	205.89	171.20	134.16	22	284.06	258.74	234.66	206.94	172.28	135.18
283.56	257.98	233.66	205.89	171.52	134.76	21	284.53	258.95	234.66	206.94	172.59	135.78
284.03	258.19	233.66	205.89	171.82	135.33	20	285.00	259.16	234.67	206.94	172.89	136.35
284.49	258.40	233.67	205.89	172.11	135.88	19	285.46	259.37	234.68	206.94	173.18	136.90
284.94	258.61	233.68	205.89	172.38	136.42	18	285.91	259.58	234.69	206.94	173.45	137.44
285.39	258.82	233.70	205.89	172.64	136.94	17	286.36	259.79	234.70	206.94	173.71	137.96
285.83	259.03	233.72	205.89	172.88	137.44	16	286.80	260.00	234.72	206.94	173.96	138.46
286.26	259.24	233.74	205.89	173.12	137.93	15	287.23	260.21	234.74	206.94	174.19	138.94
286.69	259.45	233.76	205.89	173.34	138.39	14	287.66	260.42	234.77	206.94	174.41	139.41
287.11	259.67	233.79	205.89	173.55	138.85	13	288.08	260.63	234.80	206.94	174.62	139.87
287.53	259.89	233.82	205.89	173.75	139.29	12	288.49	260.85	234.83	206.94	174.82	140.30
287.94	260.11	233.86	205.89	173.94	139.71	11	288.90	261.07	234.86	206.94	175.01	140.72
288.35	260.33	233.90	205.89	174.12	140.12	10	289.31	261.29	234.91	206.94	175.19	141.13
288.75	260.56	233.95	205.89	174.29	140.51	9	289.71	261.52	234.95	206.94	175.36	141.53
289.15	260.79	234.00	205.89	174.45	140.89	8	290.11	261.75	235.00	206.94	175.51	141.91
289.54	261.02	234.05	205.89	174.60	141.26	7	290.50	261.98	235.06	206.94	175.66	142.27
289.93	261.26	234.11	205.89	174.74	141.62	6	290.89	262.22	235.12	206.94	175.80	142.63
290.32	261.51	234.18	205.89	174.87	141.96	5	291.27	262.46	235.18	206.94	175.93	142.97
290.71	261.75	234.25	205.89	174.99	142.29	4	291.66	262.71	235.25	206.94	176.05	143.30
291.09	262.01	234.33	205.89	175.10	142.62	3	292.04	262.96	235.33	206.94	176.17	143.62
291.47	262.27	234.41	205.89	175.21	142.93	2	292.41	263.21	235.41	206.94	176.27	143.93
291.84	262.53	234.49	205.89	175.31	143.22	1	292.79	263.48	235.49	206.94	176.37	144.23
292.22	262.80	234.59	205.89	175.40	143.51	0	293.16	263.74	235.59	206.94	176.46	144.51

206°		Sternzeit				13h44min		207°		Sternzeit				13h48min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII		
245.28	237.90	229.11	208.00	115.85	76.39	64	245.85	238.55	229.88	209.05	116.49	76.88		
247.14	239.20	229.83	208.00	120.26	79.13	63	247.75	239.88	230.62	209.05	120.97	79.67		
248.93	240.42	230.48	208.00	124.29	81.79	62	249.57	241.13	231.29	209.05	125.07	82.37		
250.64	241.58	231.07	208.00	127.98	84.37	61	251.31	242.31	231.90	209.05	128.81	84.98		
252.28	242.66	231.61	208.00	131.35	86.85	60	252.98	243.42	232.45	209.05	132.23	87.50		
253.86	243.69	232.10	208.00	134.43	89.25	59	254.58	244.46	232.96	209.05	135.35	89.93		
255.37	244.65	232.54	208.00	137.25	91.56	58	256.11	245.45	233.41	209.05	138.20	92.27		
256.81	245.56	232.93	208.00	139.85	93.78	57	257.58	246.37	233.82	209.05	140.82	94.53		
258.20	246.41	233.29	208.00	142.23	95.93	56	258.98	247.24	234.19	209.05	143.22	96.70		
259.53	247.22	233.61	208.00	144.43	97.99	55	260.33	248.06	234.52	209.05	145.43	98.79		
260.80	247.98	233.89	208.00	146.46	99.98	54	261.62	248.83	234.81	209.05	147.48	100.80		
262.02	248.69	234.15	208.00	148.34	101.89	53	262.86	249.56	235.07	209.05	149.37	102.73		
263.20	249.36	234.37	208.00	150.08	103.73	52	264.05	250.25	235.31	209.05	151.12	104.59		
264.33	250.00	234.57	208.00	151.70	105.49	51	265.19	250.89	235.51	209.05	152.75	106.37		
265.41	250.60	234.75	208.00	153.21	107.20	50	266.29	251.50	235.70	209.05	154.27	108.09		
266.46	251.16	234.90	208.00	154.63	108.83	49	267.35	252.07	235.86	209.05	155.68	109.74		
267.46	251.70	235.03	208.00	155.95	110.41	48	268.36	252.62	236.00	209.05	157.01	111.33		
268.43	252.20	235.15	208.00	157.18	111.92	47	269.34	253.13	236.12	209.05	158.25	112.85		
269.37	252.68	235.25	208.00	158.34	113.38	46	270.28	253.61	236.22	209.05	159.41	114.32		
270.27	253.14	235.34	208.00	159.43	114.78	45	271.19	254.07	236.31	209.05	160.50	115.74		
271.14	253.57	235.41	208.00	160.46	116.13	44	272.07	254.51	236.39	209.05	161.53	117.10		
271.98	253.98	235.47	208.00	161.43	117.43	43	272.92	254.92	236.45	209.05	162.50	118.41		
272.79	254.37	235.52	208.00	162.34	118.69	42	273.74	255.32	236.51	209.05	163.42	119.67		
273.58	254.74	235.57	208.00	163.21	119.89	41	274.53	255.69	236.55	209.05	164.28	120.88		
274.34	255.09	235.60	208.00	164.02	121.06	40	275.29	256.05	236.59	209.05	165.10	122.05		
275.08	255.43	235.63	208.00	164.80	122.18	39	276.04	256.39	236.62	209.05	165.87	123.17		
275.80	255.75	235.65	208.00	165.53	123.26	38	276.76	256.71	236.64	209.05	166.61	124.26		
276.49	256.06	235.66	208.00	166.22	124.30	37	277.46	257.02	236.66	209.05	167.30	125.31		
277.17	256.36	235.67	208.00	166.88	125.31	36	278.14	257.32	236.67	209.05	167.96	126.31		
277.82	256.64	235.68	208.00	167.51	126.28	35	278.79	257.61	236.68	209.05	168.58	127.29		
278.46	256.92	235.68	208.00	168.10	127.21	34	279.44	257.89	236.68	209.05	169.18	128.23		
279.09	257.18	235.69	208.00	168.67	128.11	33	280.06	258.16	236.68	209.05	169.74	129.13		
279.69	257.44	235.68	208.00	169.20	128.98	32	280.67	258.41	236.68	209.05	170.28	130.00		
280.28	257.69	235.68	208.00	169.72	129.82	31	281.26	258.66	236.68	209.05	170.79	130.85		
280.86	257.93	235.68	208.00	170.20	130.64	30	281.84	258.91	236.68	209.05	171.28	131.66		
281.42	258.17	235.67	208.00	170.67	131.42	29	282.40	259.15	236.68	209.05	171.74	132.44		
281.97	258.40	235.67	208.00	171.11	132.18	28	282.95	259.38	236.67	209.05	172.19	133.20		
282.51	258.63	235.67	208.00	171.53	132.91	27	283.49	259.60	236.67	209.05	172.61	133.93		
283.03	258.85	235.66	208.00	171.93	133.61	26	284.02	259.83	236.66	209.05	173.01	134.64		
283.55	259.07	235.66	208.00	172.31	134.30	25	284.53	260.05	236.66	209.05	173.39	135.32		
284.05	259.29	235.66	208.00	172.68	134.95	24	285.03	260.26	236.66	209.05	173.75	135.98		
284.55	259.50	235.66	208.00	173.02	135.59	23	285.53	260.47	236.66	209.05	174.10	136.62		
285.03	259.71	235.66	208.00	173.35	136.21	22	286.01	260.69	236.66	209.05	174.43	137.23		
285.51	259.92	235.66	208.00	173.67	136.80	21	286.49	260.89	236.67	209.05	174.74	137.83		
285.98	260.13	235.67	208.00	173.97	137.37	20	286.96	261.10	236.67	209.05	175.04	138.40		
286.44	260.34	235.68	208.00	174.25	137.93	19	287.41	261.31	236.68	209.05	175.33	138.96		
286.89	260.55	235.69	208.00	174.53	138.46	18	287.87	261.52	236.69	209.05	175.60	139.49		
287.33	260.75	235.71	208.00	174.78	138.98	17	288.31	261.73	236.71	209.05	175.86	140.01		
287.77	260.96	235.72	208.00	175.03	139.48	16	288.75	261.93	236.73	209.05	176.10	140.51		
288.20	261.17	235.74	208.00	175.26	139.97	15	289.18	262.14	236.75	209.05	176.33	140.99		
288.63	261.39	235.77	208.00	175.48	140.43	14	289.60	262.35	236.77	209.05	176.55	141.46		
289.05	261.60	235.80	208.00	175.69	140.89	13	290.02	262.57	236.80	209.05	176.76	141.91		
289.46	261.82	235.83	208.00	175.89	141.32	12	290.43	262.78	236.83	209.05	176.96	142.35		
289.87	262.03	235.87	208.00	176.08	141.74	11	290.84	263.00	236.87	209.05	177.15	142.77		
290.27	262.25	235.91	208.00	176.26	142.15	10	291.24	263.22	236.91	209.05	177.32	143.17		
290.67	262.48	235.95	208.00	176.42	142.54	9	291.64	263.44	236.95	209.05	177.49	143.56		
291.07	262.71	236.00	208.00	176.58	142.92	8	292.03	263.67	237.00	209.05	177.65	143.94		
291.46	262.94	236.06	208.00	176.73	143.29	7	292.42	263.90	237.06	209.05	177.79	144.31		
291.85	263.17	236.12	208.00	176.87	143.64	6	292.81	264.13	237.11	209.05	177.93	144.66		
292.23	263.41	236.18	208.00	177.00	143.98	5	293.19	264.37	237.18	209.05	178.06	145.00		
292.61	263.66	236.25	208.00	177.12	144.31	4	293.57	264.61	237.25	209.05	178.18	145.33		
292.99	263.91	236.32	208.00	177.23	144.63	3	293.94	264.86	237.32	209.05	178.29	145.64		
293.36	264.16	236.41	208.00	177.34	144.94	2	294.32	265.11	237.40	209.05	178.40	145.95		
293.74	264.42	236.49	208.00	177.43	145.23	1	294.69	265.37	237.49	209.05	178.49	146.24		
294.11	264.69	236.58	208.00	177.52	145.52	0	295.05	265.63	237.58	209.05	178.58	146.52		

208° Sternzeit 13h52min						209° Sternzeit 13h56min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
246.43	239.21	230.65	210.10	117.13	77.37	64	247.01	239.87	231.41	211.14	117.77	77.86
248.36	240.56	231.40	210.10	121.70	80.20	63	248.97	241.25	232.19	211.14	122.42	80.74
250.21	241.84	232.10	210.10	125.86	82.95	62	250.85	242.55	232.91	211.14	126.65	83.53
251.98	243.04	232.73	210.10	129.66	85.60	61	252.66	243.78	233.56	211.14	130.50	86.22
253.68	244.18	233.30	210.10	133.12	88.15	60	254.38	244.94	234.15	211.14	134.01	88.82
255.30	245.24	233.82	210.10	136.27	90.62	59	256.03	246.03	234.68	211.14	137.20	91.32
256.86	246.24	234.29	210.10	139.15	93.00	58	257.61	247.05	235.17	211.14	140.11	93.73
258.35	247.19	234.71	210.10	141.79	95.28	57	259.13	248.01	235.60	211.14	142.77	96.04
259.77	248.08	235.09	210.10	144.21	97.48	56	260.57	248.91	235.99	211.14	145.21	98.27
261.14	248.91	235.43	210.10	146.44	99.59	55	261.96	249.76	236.34	211.14	147.46	100.41
262.45	249.70	235.73	210.10	148.50	101.63	54	263.29	250.56	236.66	211.14	149.53	102.47
263.71	250.44	236.01	210.10	150.40	103.58	53	264.56	251.32	236.94	211.14	151.44	104.44
264.91	251.13	236.25	210.10	152.16	105.46	52	265.78	252.02	237.19	211.14	153.21	106.34
266.07	251.79	236.46	210.10	153.80	107.26	51	266.95	252.69	237.41	211.14	154.85	108.16
267.18	252.41	236.65	210.10	155.32	108.99	50	268.07	253.32	237.60	211.14	156.38	109.91
268.24	252.99	236.82	210.10	156.74	110.66	49	269.15	253.91	237.78	211.14	157.81	111.59
269.27	253.54	236.96	210.10	158.07	112.26	48	270.18	254.47	237.93	211.14	159.14	113.20
270.26	254.06	237.09	210.10	159.31	113.80	47	271.18	254.99	238.06	211.14	160.38	114.75
271.21	254.55	237.20	210.10	160.48	115.28	46	272.14	255.49	238.17	211.14	161.55	116.24
272.12	255.02	237.29	210.10	161.58	116.70	45	273.06	255.96	238.27	211.14	162.65	117.67
273.01	255.46	237.37	210.10	162.61	118.07	44	273.96	256.41	238.35	211.14	163.68	119.05
273.86	255.87	237.44	210.10	163.58	119.39	43	274.82	256.83	238.42	211.14	164.66	120.37
274.69	256.27	237.49	210.10	164.49	120.65	42	275.65	257.23	238.48	211.14	165.57	121.65
275.48	256.65	237.54	210.10	165.36	121.87	41	276.45	257.61	238.53	211.14	166.44	122.87
276.26	257.01	237.58	210.10	166.18	123.05	40	277.22	257.98	238.57	211.14	167.26	124.05
277.00	257.35	237.61	210.10	166.95	124.18	39	277.97	258.32	238.60	211.14	168.03	125.19
277.73	257.68	237.63	210.10	167.68	125.27	38	278.70	258.65	238.63	211.14	168.76	126.28
278.43	257.99	237.65	210.10	168.38	126.32	37	279.41	258.97	238.65	211.14	169.46	127.34
279.11	258.29	237.67	210.10	169.04	127.33	36	280.09	259.27	238.66	211.14	170.12	128.35
279.77	258.58	237.68	210.10	169.66	128.31	35	280.75	259.56	238.67	211.14	170.74	129.33
280.41	258.86	237.68	210.10	170.26	129.25	34	281.40	259.84	238.68	211.14	171.34	130.28
281.04	259.13	237.68	210.10	170.82	130.15	33	282.03	260.11	238.68	211.14	171.90	131.18
281.65	259.39	237.68	210.10	171.36	131.03	32	282.64	260.37	238.68	211.14	172.44	132.06
282.24	259.64	237.68	210.10	171.87	131.87	31	283.23	260.62	238.68	211.14	172.95	132.91
282.82	259.89	237.68	210.10	172.36	132.69	30	283.81	260.87	238.68	211.14	173.44	133.72
283.39	260.12	237.68	210.10	172.82	133.47	29	284.38	261.11	238.68	211.14	173.90	134.51
283.94	260.36	237.67	210.10	173.26	134.23	28	284.93	261.34	238.67	211.14	174.34	135.27
284.47	260.58	237.67	210.10	173.68	134.97	27	285.47	261.56	238.67	211.14	174.76	136.00
285.00	260.81	237.67	210.10	174.08	135.67	26	285.99	261.79	238.67	211.14	175.16	136.71
285.52	261.02	237.66	210.10	174.46	136.36	25	286.51	262.00	238.67	211.14	175.54	137.39
286.02	261.24	237.66	210.10	174.83	137.02	24	287.01	262.22	238.66	211.14	175.90	138.05
286.51	261.45	237.66	210.10	175.17	137.65	23	287.50	262.43	238.66	211.14	176.25	138.69
287.00	261.66	237.66	210.10	175.50	138.27	22	287.99	262.64	238.67	211.14	176.58	139.30
287.47	261.87	237.67	210.10	175.82	138.86	21	288.46	262.85	238.67	211.14	176.89	139.90
287.94	262.08	237.67	210.10	176.12	139.43	20	288.93	263.06	238.68	211.14	177.19	140.47
288.40	262.29	237.68	210.10	176.40	139.99	19	289.38	263.26	238.68	211.14	177.47	141.02
288.85	262.49	237.69	210.10	176.67	140.52	18	289.83	263.47	238.69	211.14	177.74	141.56
289.29	262.70	237.71	210.10	176.93	141.04	17	290.28	263.67	238.71	211.14	178.00	142.08
289.73	262.91	237.73	210.10	177.17	141.54	16	290.71	263.88	238.73	211.14	178.24	142.57
290.15	263.11	237.75	210.10	177.40	142.02	15	291.14	264.09	238.75	211.14	178.47	143.05
290.58	263.32	237.77	210.10	177.62	142.49	14	291.56	264.29	238.77	211.14	178.69	143.52
290.99	263.53	237.80	210.10	177.83	142.94	13	291.97	264.50	238.80	211.14	178.90	143.97
291.40	263.75	237.83	210.10	178.03	143.37	12	292.38	264.72	238.83	211.14	179.10	144.40
291.81	263.96	237.87	210.10	178.22	143.79	11	292.79	264.93	238.86	211.14	179.28	144.82
292.21	264.18	237.91	210.10	178.39	144.19	10	293.19	265.15	238.90	211.14	179.46	145.22
292.61	264.40	237.95	210.10	178.56	144.59	9	293.58	265.37	238.95	211.14	179.62	145.61
293.00	264.63	238.00	210.10	178.71	144.96	8	293.97	265.59	238.99	211.14	179.78	145.99
293.39	264.86	238.05	210.10	178.86	145.33	7	294.35	265.82	239.05	211.14	179.92	146.35
293.77	265.09	238.11	210.10	179.00	145.68	6	294.74	266.05	239.11	211.14	180.06	146.70
294.15	265.32	238.17	210.10	179.13	146.01	5	295.11	266.28	239.17	211.14	180.19	147.03
294.53	265.57	238.24	210.10	179.24	146.34	4	295.49	266.52	239.24	211.14	180.31	147.36
294.90	265.81	238.32	210.10	179.36	146.66	3	295.86	266.76	239.31	211.14	180.42	147.67
295.27	266.06	238.40	210.10	179.46	146.96	2	296.23	267.01	239.39	211.14	180.52	147.97
295.64	266.32	238.48	210.10	179.55	147.25	1	296.59	267.27	239.47	211.14	180.61	148.26
296.00	266.58	238.57	210.10	179.64	147.53	0	296.95	267.53	239.56	211.14	180.70	148.54

210° Sternzeit 14h 0min						211° Sternzeit 14h 4min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
247.59	240.52	232.18	212.18	118.41	78.35	64	248.17	241.18	232.95	213.22	119.06	78.85
249.59	241.94	232.98	212.18	123.15	81.28	63	250.20	242.63	233.77	213.22	123.88	81.83
251.50	243.27	233.72	212.18	127.45	84.11	62	252.16	243.99	234.53	213.22	128.25	84.71
253.34	244.52	234.39	212.18	131.36	86.85	61	254.02	245.27	235.22	213.22	132.22	87.48
255.09	245.70	235.00	212.18	134.91	89.49	60	255.81	246.47	235.85	213.22	135.81	90.16
256.77	246.81	235.55	212.18	138.13	92.02	59	257.51	247.61	236.42	213.22	139.07	92.74
258.38	247.86	236.05	212.18	141.07	94.47	58	259.15	248.67	236.93	213.22	142.04	95.21
259.91	248.84	236.50	212.18	143.76	96.81	57	260.71	249.67	237.39	213.22	144.75	97.59
261.38	249.76	236.90	212.18	146.22	99.07	56	262.20	250.61	237.81	213.22	147.23	99.88
262.79	250.62	237.26	212.18	148.48	101.23	55	263.62	251.49	238.18	213.22	149.51	102.07
264.13	251.44	237.59	212.18	150.56	103.31	54	264.98	252.32	238.52	213.22	151.60	104.17
265.42	252.20	237.88	212.18	152.48	105.31	53	266.29	253.10	238.81	213.22	153.53	106.19
266.65	252.92	238.13	212.18	154.26	107.23	52	267.54	253.83	239.08	213.22	155.31	108.13
267.84	253.60	238.36	212.18	155.91	109.06	51	268.74	254.51	239.31	213.22	156.97	109.98
268.97	254.24	238.56	212.18	157.44	110.83	50	269.88	255.16	239.52	213.22	158.51	111.76
270.06	254.84	238.74	212.18	158.87	112.52	49	270.98	255.77	239.70	213.22	159.94	113.47
271.11	255.40	238.89	212.18	160.21	114.15	48	272.04	256.34	239.86	213.22	161.28	115.11
272.11	255.94	239.03	212.18	161.46	115.71	47	273.06	256.88	240.00	213.22	162.53	116.69
273.08	256.44	239.15	212.18	162.63	117.21	46	274.03	257.39	240.13	213.22	163.70	118.20
274.01	256.92	239.25	212.18	163.73	118.66	45	274.97	257.87	240.23	213.22	164.81	119.65
274.91	257.37	239.33	212.18	164.76	120.04	44	275.88	258.33	240.32	213.22	165.84	121.04
275.78	257.79	239.41	212.18	165.73	121.37	43	276.75	258.76	240.40	213.22	166.81	122.38
276.61	258.20	239.47	212.18	166.65	122.65	42	277.59	259.17	240.46	213.22	167.73	123.67
277.42	258.58	239.52	212.18	167.52	123.89	41	278.40	259.56	240.51	213.22	168.60	124.90
278.20	258.95	239.56	212.18	168.34	125.07	40	279.18	259.93	240.56	213.22	169.42	126.10
278.95	259.30	239.60	212.18	169.11	126.21	39	279.94	260.28	240.59	213.22	170.19	127.24
279.68	259.63	239.62	212.18	169.84	127.31	38	280.68	260.61	240.62	213.22	170.93	128.34
280.39	259.95	239.64	212.18	170.54	128.37	37	281.39	260.93	240.64	213.22	171.62	129.40
281.08	260.25	239.66	212.18	171.20	129.38	36	282.08	261.24	240.66	213.22	172.28	130.42
281.75	260.54	239.67	212.18	171.82	130.37	35	282.74	261.53	240.67	213.22	172.90	131.41
282.39	260.82	239.68	212.18	172.42	131.31	34	283.39	261.81	240.68	213.22	173.50	132.35
283.02	261.09	239.68	212.18	172.98	132.22	33	284.02	262.08	240.68	213.22	174.06	133.27
283.63	261.36	239.68	212.18	173.52	133.10	32	284.63	262.34	240.68	213.22	174.60	134.15
284.23	261.61	239.68	212.18	174.03	133.95	31	285.23	262.60	240.68	213.22	175.11	134.99
284.81	261.85	239.68	212.18	174.52	134.76	30	285.81	262.84	240.68	213.22	175.59	135.81
285.37	262.09	239.68	212.18	174.98	135.55	29	286.38	263.08	240.68	213.22	176.06	136.60
285.93	262.32	239.67	212.18	175.42	136.31	28	286.93	263.31	240.68	213.22	176.50	137.36
286.46	262.55	239.67	212.18	175.84	137.05	27	287.47	263.54	240.67	213.22	176.91	138.09
286.99	262.77	239.67	212.18	176.24	137.75	26	287.99	263.76	240.67	213.22	177.31	138.80
287.50	262.99	239.67	212.18	176.62	138.44	25	288.51	263.98	240.67	213.22	177.69	139.49
288.01	263.20	239.66	212.18	176.98	139.10	24	289.01	264.19	240.66	213.22	178.05	140.14
288.50	263.41	239.66	212.18	177.32	139.73	23	289.50	264.40	240.66	213.22	178.40	140.78
288.98	263.62	239.67	212.18	177.65	140.35	22	289.98	264.61	240.67	213.22	178.73	141.39
289.46	263.83	239.67	212.18	177.96	140.94	21	290.46	264.81	240.67	213.22	179.04	141.99
289.92	264.04	239.68	212.18	178.26	141.51	20	290.92	265.02	240.67	213.22	179.33	142.56
290.38	264.24	239.68	212.18	178.55	142.07	19	291.37	265.22	240.68	213.22	179.62	143.11
290.82	264.44	239.69	212.18	178.81	142.60	18	291.82	265.42	240.69	213.22	179.89	143.64
291.26	264.65	239.71	212.18	179.07	143.11	17	292.26	265.63	240.70	213.22	180.14	144.16
291.70	264.85	239.72	212.18	179.31	143.61	16	292.69	265.83	240.72	213.22	180.38	144.65
292.12	265.06	239.74	212.18	179.54	144.09	15	293.11	266.03	240.74	213.22	180.61	145.13
292.54	265.27	239.77	212.18	179.76	144.55	14	293.53	266.24	240.76	213.22	180.83	145.59
292.96	265.47	239.79	212.18	179.97	145.00	13	293.94	266.45	240.79	213.22	181.04	146.04
293.36	265.68	239.82	212.18	180.16	145.43	12	294.35	266.66	240.82	213.22	181.23	146.47
293.77	265.90	239.86	212.18	180.35	145.85	11	294.75	266.87	240.85	213.22	181.42	146.88
294.16	266.11	239.90	212.18	180.52	146.25	10	295.14	267.08	240.89	213.22	181.59	147.28
294.56	266.33	239.94	212.18	180.69	146.64	9	295.53	267.30	240.93	213.22	181.75	147.67
294.94	266.55	239.99	212.18	180.84	147.01	8	295.92	267.51	240.98	213.22	181.91	148.04
295.33	266.78	240.04	212.18	180.99	147.37	7	296.30	267.74	241.03	213.22	182.05	148.40
295.70	267.00	240.10	212.18	181.12	147.72	6	296.68	267.96	241.09	213.22	182.19	148.75
296.08	267.24	240.16	212.18	181.25	148.05	5	297.05	268.20	241.15	213.22	182.31	149.08
296.45	267.47	240.23	212.18	181.37	148.38	4	297.42	268.43	241.22	213.22	182.43	149.40
296.82	267.72	240.30	212.18	181.48	148.69	3	297.78	268.67	241.29	213.22	182.54	149.71
297.19	267.96	240.38	212.18	181.58	148.99	2	298.15	268.91	241.37	213.22	182.64	150.00
297.55	268.22	240.46	212.18	181.67	149.28	1	298.51	269.16	241.45	213.22	182.73	150.29
297.91	268.47	240.55	212.18	181.75	149.55	0	298.87	269.42	241.54	213.22	182.81	150.57

212° Sternzeit 14h 8min						213° Sternzeit 14h12min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
248.75	241.84	233.71	214.26	119.70	79.35	64	249.34	242.51	234.48	215.29	120.35	79.85
250.83	243.32	234.57	214.26	124.61	82.38	63	251.45	244.02	235.36	215.29	125.35	82.93
252.81	244.71	235.35	214.26	129.06	85.30	62	253.48	245.44	236.16	215.29	129.87	85.91
254.71	246.02	236.06	214.26	133.08	88.13	61	255.41	246.77	236.89	215.29	133.95	88.78
256.53	247.25	236.70	214.26	136.72	90.85	60	257.26	248.03	237.56	215.29	137.64	91.54
258.27	248.41	237.29	214.26	140.02	93.46	59	259.02	249.21	238.16	215.29	140.97	94.19
259.92	249.49	237.81	214.26	143.02	95.97	58	260.71	250.32	238.70	215.29	144.00	96.74
261.51	250.51	238.29	214.26	145.75	98.38	57	262.32	251.35	239.19	215.29	146.75	99.18
263.02	251.46	238.72	214.26	148.25	100.70	56	263.85	252.33	239.64	215.29	149.27	101.53
264.47	252.36	239.10	214.26	150.54	102.92	55	265.32	253.24	240.03	215.29	151.57	103.77
265.85	253.20	239.45	214.26	152.64	105.04	54	266.72	254.10	240.38	215.29	153.69	105.93
267.17	253.99	239.76	214.26	154.58	107.08	53	268.06	254.90	240.70	215.29	155.63	107.99
268.43	254.74	240.03	214.26	156.37	109.04	52	269.34	255.66	240.98	215.29	157.43	109.96
269.64	255.44	240.27	214.26	158.03	110.91	51	270.56	256.36	241.23	215.29	159.10	111.85
270.80	256.09	240.48	214.26	159.58	112.71	50	271.73	257.03	241.45	215.29	160.65	113.67
271.92	256.71	240.67	214.26	161.01	114.43	49	272.86	257.65	241.64	215.29	162.09	115.40
272.98	257.29	240.84	214.26	162.35	116.08	48	273.94	258.24	241.81	215.29	163.43	117.07
274.01	257.84	240.98	214.26	163.61	117.67	47	274.97	258.80	241.96	215.29	164.69	118.66
274.99	258.35	241.11	214.26	164.78	119.19	46	275.96	259.32	242.09	215.29	165.86	120.20
275.94	258.84	241.21	214.26	165.89	120.65	45	276.91	259.81	242.20	215.29	166.97	121.66
276.85	259.30	241.31	214.26	166.92	122.05	44	277.83	260.28	242.29	215.29	168.00	123.07
277.73	259.73	241.38	214.26	167.90	123.40	43	278.72	260.71	242.38	215.29	168.98	124.43
278.57	260.15	241.45	214.26	168.81	124.69	42	279.57	261.13	242.44	215.29	169.90	125.72
279.39	260.54	241.51	214.26	169.68	125.93	41	280.39	261.52	242.50	215.29	170.76	126.97
280.18	260.91	241.55	214.26	170.50	127.13	40	281.18	261.90	242.55	215.29	171.58	128.17
280.94	261.26	241.59	214.26	171.27	128.28	39	281.94	262.25	242.58	215.29	172.36	129.32
281.68	261.60	241.62	214.26	172.01	129.38	38	282.68	262.59	242.62	215.29	173.09	130.43
282.39	261.92	241.64	214.26	172.70	130.45	37	283.40	262.91	242.64	215.29	173.79	131.50
283.08	262.23	241.66	214.26	173.36	131.47	36	284.09	263.22	242.66	215.29	174.44	132.52
283.75	262.52	241.67	214.26	173.99	132.46	35	284.76	263.52	242.67	215.29	175.07	133.51
284.40	262.80	241.68	214.26	174.58	133.40	34	285.41	263.80	242.68	215.29	175.66	134.46
285.03	263.07	241.68	214.26	175.14	134.32	33	286.05	264.07	242.68	215.29	176.22	135.38
285.64	263.34	241.68	214.26	175.68	135.20	32	286.66	264.33	242.68	215.29	176.76	136.26
286.24	263.59	241.68	214.26	176.19	136.05	31	287.26	264.59	242.68	215.29	177.27	137.11
286.82	263.83	241.68	214.26	176.67	136.87	30	287.84	264.83	242.68	215.29	177.75	137.93
287.39	264.07	241.68	214.26	177.13	137.66	29	288.40	265.07	242.68	215.29	178.21	138.72
287.94	264.30	241.68	214.26	177.57	138.42	28	288.96	265.30	242.68	215.29	178.65	139.48
288.48	264.53	241.67	214.26	177.99	139.15	27	289.49	265.52	242.67	215.29	179.07	140.21
288.90	264.75	241.67	214.26	178.39	139.86	26	290.02	265.74	242.67	215.29	179.47	140.92
289.52	264.97	241.67	214.26	178.77	140.54	25	290.53	265.96	242.67	215.29	179.84	141.60
290.02	265.18	241.66	214.26	179.13	141.20	24	291.03	266.17	242.66	215.29	180.20	142.26
290.51	265.39	241.66	214.26	179.47	141.83	23	291.52	266.38	242.66	215.29	180.55	142.89
290.99	265.59	241.66	214.26	179.80	142.45	22	292.00	266.58	242.66	215.29	180.87	143.50
291.46	265.80	241.67	214.26	180.11	143.04	21	292.47	266.79	242.66	215.29	181.18	144.09
291.92	266.00	241.67	214.26	180.41	143.61	20	292.93	266.99	242.67	215.29	181.48	144.66
292.38	266.20	241.68	214.26	180.69	144.16	19	293.38	267.19	242.68	215.29	181.76	145.21
292.82	266.41	241.69	214.26	180.96	144.69	18	293.83	267.39	242.68	215.29	182.03	145.74
293.26	266.61	241.70	214.26	181.21	145.20	17	294.26	267.59	242.70	215.29	182.28	146.25
293.69	266.81	241.72	214.26	181.45	145.70	16	294.69	267.79	242.71	215.29	182.52	146.75
294.11	267.01	241.74	214.26	181.68	146.17	15	295.11	267.99	242.73	215.29	182.75	147.22
294.53	267.22	241.76	214.26	181.90	146.63	14	295.52	268.19	242.75	215.29	182.96	147.68
294.93	267.42	241.78	214.26	182.10	147.08	13	295.93	268.40	242.78	215.29	183.17	148.12
295.34	267.63	241.81	214.26	182.30	147.51	12	296.33	268.60	242.80	215.29	183.36	148.55
295.74	267.84	241.85	214.26	182.48	147.92	11	296.73	268.81	242.84	215.29	183.55	148.96
296.13	268.05	241.88	214.26	182.65	148.32	10	297.12	269.02	242.87	215.29	183.72	149.36
296.52	268.26	241.93	214.26	182.82	148.70	9	297.50	269.23	242.92	215.29	183.88	149.74
296.90	268.48	241.97	214.26	182.97	149.07	8	297.88	269.45	242.96	215.29	184.03	150.11
297.28	268.70	242.02	214.26	183.11	149.43	7	298.26	269.66	243.01	215.29	184.17	150.46
297.65	268.93	242.08	214.26	183.25	149.77	6	298.63	269.89	243.07	215.29	184.31	150.80
298.02	269.15	242.14	214.26	183.37	150.10	5	299.00	270.11	243.13	215.29	184.43	151.13
298.39	269.39	242.21	214.26	183.49	150.42	4	299.36	270.34	243.19	215.29	184.55	151.45
298.75	269.62	242.28	214.26	183.60	150.73	3	299.72	270.58	243.26	215.29	184.65	151.75
299.11	269.87	242.35	214.26	183.69	151.02	2	300.08	270.82	243.34	215.29	184.75	152.05
299.47	270.11	242.43	214.26	183.79	151.31	1	300.43	271.07	243.42	215.29	184.84	152.33
299.82	270.37	242.52	214.26	183.87	151.58	0	300.79	271.32	243.51	215.29	184.92	152.60

214° Sternzeit 14h16min						215° Sternzeit 14h20min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
249.93	243.17	235.25	216.32	121.00	80.36	64	250.52	243.84	236.02	217.35	121.65	80.87
252.09	244.72	236.15	216.32	126.10	83.49	63	252.72	245.42	236.95	217.35	126.84	84.06
254.15	246.17	236.98	216.32	130.69	86.52	62	254.82	246.90	237.80	217.35	131.51	87.14
256.12	247.53	237.73	216.32	134.83	89.43	61	256.83	248.30	238.57	217.35	135.71	90.10
258.00	248.82	238.42	216.32	138.56	92.24	60	258.74	249.61	239.28	217.35	139.49	92.95
259.79	250.02	239.04	216.32	141.93	94.93	59	260.57	250.83	239.91	217.35	142.90	95.68
261.50	251.15	239.60	216.32	144.99	97.52	58	262.31	251.99	240.49	217.35	145.98	98.31
263.14	252.21	240.10	216.32	147.76	99.99	57	263.97	253.06	241.01	217.35	148.78	100.82
264.70	253.20	240.55	216.32	150.30	102.37	56	265.55	254.07	241.47	217.35	151.33	103.22
266.18	254.13	240.96	216.32	152.61	104.64	55	267.06	255.02	241.89	217.35	153.66	105.52
267.60	255.00	241.32	216.32	154.74	106.82	54	268.49	255.91	242.27	217.35	155.79	107.73
268.96	255.81	241.65	216.32	156.69	108.90	53	269.87	256.74	242.60	217.35	157.76	109.83
270.25	256.58	241.94	216.32	158.50	110.90	52	271.18	257.51	242.90	217.35	159.57	111.85
271.49	257.30	242.19	216.32	160.17	112.81	51	272.43	258.24	243.16	217.35	161.24	113.77
272.68	257.97	242.42	216.32	161.72	114.64	50	273.63	258.93	243.39	217.35	162.80	115.62
273.81	258.61	242.62	216.32	163.17	116.39	49	274.77	259.57	243.59	217.35	164.25	117.38
274.90	259.20	242.79	216.32	164.51	118.06	48	275.87	260.17	243.77	217.35	165.59	119.07
275.94	259.76	242.94	216.32	165.77	119.67	47	276.92	260.74	243.93	217.35	166.85	120.69
276.94	260.29	243.07	216.32	166.95	121.21	46	277.93	261.27	244.06	217.35	168.03	122.24
277.90	260.79	243.19	216.32	168.05	122.69	45	278.90	261.77	244.18	217.35	169.14	123.72
278.83	261.26	243.29	216.32	169.09	124.10	44	279.83	262.25	244.28	217.35	170.17	125.15
279.71	261.70	243.37	216.32	170.06	125.46	43	280.72	262.69	244.36	217.35	171.15	126.51
280.57	262.12	243.44	216.32	170.98	126.77	42	281.58	263.12	244.43	217.35	172.07	127.82
281.39	262.52	243.50	216.32	171.85	128.02	41	282.41	263.51	244.49	217.35	172.93	129.08
282.19	262.89	243.54	216.32	172.67	129.22	40	283.21	263.89	244.54	217.35	173.75	130.29
282.96	263.25	243.58	216.32	173.44	130.38	39	283.98	264.25	244.58	217.35	174.53	131.44
283.70	263.59	243.61	216.32	174.17	131.49	38	284.73	264.59	244.62	217.35	175.26	132.56
284.42	263.91	243.64	216.32	174.87	132.56	37	285.45	264.92	244.64	217.35	175.95	133.63
285.11	264.22	243.66	216.32	175.53	133.59	36	286.14	265.23	244.66	217.35	176.61	134.66
285.79	264.52	243.67	216.32	176.15	134.58	35	286.82	265.52	244.67	217.35	177.23	135.65
286.44	264.80	243.68	216.32	176.74	135.53	34	287.47	265.81	244.68	217.35	177.82	136.60
287.07	265.07	243.68	216.32	177.30	136.44	33	288.10	266.08	244.68	217.35	178.39	137.52
287.69	265.33	243.69	216.32	177.84	137.33	32	288.72	266.34	244.69	217.35	178.92	138.40
288.28	265.59	243.69	216.32	178.35	138.18	31	289.31	266.59	244.69	217.35	179.43	139.25
288.86	265.83	243.68	216.32	178.83	138.99	30	289.89	266.84	244.68	217.35	179.91	140.07
289.43	266.07	243.68	216.32	179.29	139.78	29	290.46	267.07	244.68	217.35	180.37	140.86
289.98	266.30	243.68	216.32	179.73	140.54	28	291.01	267.30	244.68	217.35	180.80	141.62
290.52	266.52	243.67	216.32	180.14	141.28	27	291.55	267.52	244.67	217.35	181.22	142.35
291.04	266.74	243.67	216.32	180.54	141.98	26	292.07	267.74	244.67	217.35	181.62	143.05
291.55	266.95	243.66	216.32	180.92	142.66	25	292.58	267.95	244.66	217.35	181.99	143.73
292.05	267.17	243.66	216.32	181.28	143.32	24	293.08	268.16	244.66	217.35	182.35	144.39
292.54	267.37	243.66	216.32	181.62	143.95	23	293.57	268.37	244.66	217.35	182.69	145.02
293.02	267.58	243.66	216.32	181.95	144.56	22	294.04	268.57	244.66	217.35	183.02	145.63
293.49	267.78	243.66	216.32	182.25	145.15	21	294.51	268.77	244.66	217.35	183.33	146.22
293.95	267.98	243.66	216.32	182.55	145.72	20	294.96	268.97	244.66	217.35	183.62	146.78
294.40	268.18	243.67	216.32	182.83	146.27	19	295.41	269.17	244.67	217.35	183.90	147.33
294.84	268.38	243.68	216.32	183.10	146.80	18	295.85	269.37	244.67	217.35	184.16	147.86
295.27	268.58	243.69	216.32	183.35	147.31	17	296.28	269.56	244.68	217.35	184.42	148.36
295.69	268.77	243.70	216.32	183.59	147.80	16	296.71	269.76	244.70	217.35	184.65	148.85
296.11	268.97	243.72	216.32	183.82	148.27	15	297.12	269.96	244.71	217.35	184.88	149.33
296.52	269.17	243.74	216.32	184.03	148.73	14	297.53	270.15	244.73	217.35	185.10	149.78
296.93	269.37	243.77	216.32	184.23	149.17	13	297.93	270.35	244.76	217.35	185.30	150.22
297.33	269.58	243.80	216.32	184.43	149.59	12	298.33	270.55	244.79	217.35	185.49	150.64
297.72	269.78	243.83	216.32	184.61	150.00	11	298.72	270.76	244.82	217.35	185.67	151.05
298.11	269.99	243.86	216.32	184.78	150.40	10	299.11	270.96	244.85	217.35	185.84	151.44
298.49	270.20	243.90	216.32	184.94	150.78	9	299.49	271.17	244.89	217.35	186.00	151.82
298.87	270.41	243.95	216.32	185.09	151.14	8	299.86	271.38	244.94	217.35	186.15	152.18
299.24	270.63	244.00	216.32	185.23	151.50	7	300.23	271.60	244.98	217.35	186.29	152.53
299.61	270.85	244.05	216.32	185.37	151.84	6	300.60	271.81	245.04	217.35	186.42	152.87
299.98	271.07	244.11	216.32	185.49	152.16	5	300.96	272.04	245.10	217.35	186.55	153.20
300.34	271.30	244.18	216.32	185.60	152.48	4	301.32	272.26	245.16	217.35	186.66	153.51
300.70	271.54	244.25	216.32	185.71	152.78	3	301.67	272.49	245.23	217.35	186.76	153.81
301.05	271.77	244.32	216.32	185.81	153.07	2	302.02	272.73	245.30	217.35	186.86	154.09
301.40	272.02	244.40	216.32	185.90	153.35	1	302.37	272.97	245.38	217.35	186.95	154.37
301.75	272.27	244.49	216.32	185.98	153.62	0	302.72	273.21	245.47	217.35	187.03	154.64

216° Sternzeit 14h24min						217° Sternzeit 14h28min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
251.12	244.51	236.79	218.38	122.30	81.38	64	251.72	245.19	237.56	219.40	122.96	81.90
253.36	246.13	237.75	218.38	127.60	84.63	63	254.01	246.84	238.55	219.40	128.35	85.21
255.50	247.64	238.62	218.38	132.34	87.76	62	256.19	248.39	239.45	219.40	133.18	88.39
257.55	249.07	239.42	218.38	136.60	90.78	61	258.27	249.84	240.27	219.40	137.50	91.46
259.49	250.40	240.14	218.38	140.43	93.67	60	260.26	251.21	241.01	219.40	141.37	94.40
261.35	251.66	240.80	218.38	143.87	96.45	59	262.14	252.49	241.68	219.40	144.85	97.22
263.12	252.83	241.39	218.38	146.98	99.11	58	263.94	253.68	242.29	219.40	147.99	99.92
264.81	253.93	241.92	218.38	149.80	101.65	57	265.66	254.80	242.84	219.40	150.83	102.50
266.41	254.96	242.40	218.38	152.36	104.09	56	267.28	255.85	243.33	219.40	153.41	104.97
267.94	255.92	242.83	218.38	154.71	106.42	55	268.84	256.83	243.77	219.40	155.76	107.33
269.40	256.82	243.21	218.38	156.85	108.65	54	270.31	257.75	244.16	219.40	157.91	109.58
270.79	257.67	243.55	218.38	158.82	110.77	53	271.72	258.60	244.51	219.40	159.89	111.73
272.12	258.46	243.86	218.38	160.64	112.81	52	273.06	259.40	244.82	219.40	161.72	113.79
273.38	259.19	244.13	218.38	162.32	114.75	51	274.35	260.15	245.10	219.40	163.40	115.75
274.59	259.89	244.36	218.38	163.88	116.61	50	275.57	260.86	245.34	219.40	164.96	117.62
275.75	260.54	244.57	218.38	165.33	118.39	49	276.74	261.52	245.56	219.40	166.41	119.41
276.86	261.15	244.76	218.38	166.68	120.09	48	277.85	262.13	245.74	219.40	167.76	121.13
277.92	261.72	244.92	218.38	167.94	121.72	47	278.92	262.71	245.91	219.40	169.03	122.76
278.93	262.26	245.05	218.38	169.12	123.28	46	279.94	263.25	246.05	219.40	170.21	124.33
279.91	262.77	245.17	218.38	170.22	124.77	45	280.93	263.77	246.17	219.40	171.31	125.83
280.84	263.24	245.27	218.38	171.26	126.20	44	281.87	264.25	246.27	219.40	172.35	127.27
281.74	263.69	245.36	218.38	172.24	127.57	43	282.77	264.70	246.36	219.40	173.32	128.64
282.61	264.12	245.43	218.38	173.15	128.89	42	283.64	265.13	246.43	219.40	174.24	129.96
283.44	264.52	245.49	218.38	174.02	130.15	41	284.48	265.53	246.50	219.40	175.11	131.23
284.24	264.90	245.54	218.38	174.84	131.36	40	285.28	265.91	246.55	219.40	175.93	132.44
285.01	265.26	245.58	218.38	175.61	132.52	39	286.06	266.27	246.59	219.40	176.70	133.60
285.76	265.60	245.62	218.38	176.34	133.64	38	286.81	266.62	246.62	219.40	177.43	134.72
286.48	265.93	245.64	218.38	177.04	134.71	37	287.53	266.94	246.65	219.40	178.12	135.79
287.18	266.24	245.66	218.38	177.69	135.74	36	288.23	267.25	246.66	219.40	178.78	136.83
287.85	266.53	245.67	218.38	178.31	136.73	35	288.90	267.55	246.68	219.40	179.40	137.82
288.51	266.82	245.68	218.38	178.90	137.68	34	289.56	267.83	246.69	219.40	179.99	138.77
289.14	267.09	245.69	218.38	179.47	138.60	33	290.19	268.10	246.69	219.40	180.55	139.69
289.76	267.35	245.69	218.38	180.00	139.48	32	290.80	268.37	246.69	219.40	181.08	140.57
290.35	267.60	245.69	218.38	180.51	140.33	31	291.40	268.62	246.69	219.40	181.58	141.42
290.93	267.84	245.69	218.38	180.99	141.15	30	291.98	268.86	246.69	219.40	182.06	142.24
291.50	268.08	245.68	218.38	181.45	141.94	29	292.54	269.09	246.68	219.40	182.52	143.02
292.05	268.31	245.68	218.38	181.88	142.69	28	293.09	269.32	246.68	219.40	182.96	143.78
292.58	268.53	245.67	218.38	182.30	143.42	27	293.63	269.54	246.67	219.40	183.37	144.51
293.10	268.75	245.67	218.38	182.69	144.13	26	294.15	269.75	246.66	219.40	183.76	145.21
293.61	268.96	245.66	218.38	183.07	144.81	25	294.65	269.97	246.66	219.40	184.14	145.89
294.11	269.17	245.66	218.38	183.42	145.46	24	295.15	270.17	246.65	219.40	184.50	146.54
294.60	269.37	245.65	218.38	183.76	146.09	23	295.63	270.37	246.65	219.40	184.84	147.17
295.07	269.57	245.65	218.38	184.09	146.70	22	296.10	270.57	246.65	219.40	185.16	147.78
295.53	269.77	245.65	218.38	184.40	147.29	21	296.57	270.77	246.65	219.40	185.46	148.36
295.99	269.97	245.65	218.38	184.69	147.85	20	297.02	270.97	246.65	219.40	185.76	148.92
296.43	270.16	245.66	218.38	184.97	148.39	19	297.46	271.16	246.65	219.40	186.03	149.46
296.87	270.36	245.67	218.38	185.23	148.92	18	297.90	271.35	246.66	219.40	186.30	149.99
297.30	270.55	245.68	218.38	185.48	149.43	17	298.32	271.54	246.67	219.40	186.55	150.49
297.72	270.75	245.69	218.38	185.72	149.91	16	298.74	271.74	246.68	219.40	186.78	150.98
298.13	270.94	245.70	218.38	185.95	150.38	15	299.15	271.93	246.69	219.40	187.01	151.44
298.54	271.14	245.72	218.38	186.16	150.84	14	299.56	272.12	246.71	219.40	187.22	151.90
298.94	271.34	245.75	218.38	186.36	151.27	13	299.95	272.32	246.73	219.40	187.42	152.33
299.34	271.53	245.77	218.38	186.55	151.69	12	300.34	272.52	246.76	219.40	187.61	152.75
299.72	271.73	245.80	218.38	186.73	152.10	11	300.73	272.71	246.79	219.40	187.79	153.15
300.11	271.94	245.84	218.38	186.90	152.49	10	301.11	272.91	246.82	219.40	187.96	153.54
300.48	272.14	245.88	218.38	187.06	152.86	9	301.48	273.12	246.86	219.40	188.12	153.91
300.85	272.35	245.92	218.38	187.21	153.23	8	301.85	273.32	246.90	219.40	188.27	154.27
301.22	272.56	245.97	218.38	187.35	153.57	7	302.22	273.53	246.95	219.40	188.41	154.62
301.58	272.78	246.02	218.38	187.48	153.91	6	302.58	273.75	247.00	219.40	188.54	154.95
301.94	273.00	246.08	218.38	187.60	154.23	5	302.93	273.96	247.06	219.40	188.66	155.27
302.30	273.22	246.14	218.38	187.71	154.54	4	303.28	274.19	247.12	219.40	188.77	155.57
302.65	273.45	246.21	218.38	187.82	154.84	3	303.63	274.41	247.19	219.40	188.87	155.87
303.00	273.68	246.28	218.38	187.91	155.12	2	303.98	274.64	247.26	219.40	188.97	156.15
303.34	273.92	246.36	218.38	188.00	155.40	1	304.32	274.88	247.34	219.40	189.05	156.42
303.68	274.17	246.44	218.38	188.08	155.66	0	304.66	275.12	247.42	219.40	189.13	156.68

218°		Sternzeit			14h32min	
Asz.	XII	XI	MC	IX	VIII	
252.33	245.86	238.33	220.42	123.62	82.42	
254.66	247.55	239.35	220.42	129.11	85.79	
256.88	249.14	240.27	220.42	134.02	89.03	
259.00	250.62	241.12	220.42	138.40	92.15	
261.03	252.02	241.88	220.42	142.32	95.14	
262.95	253.32	242.57	220.42	145.84	98.01	
264.78	254.54	243.20	220.42	149.00	100.75	
266.52	255.68	243.76	220.42	151.86	103.37	
268.17	256.75	244.26	220.42	154.46	105.87	
269.74	257.75	244.71	220.42	156.82	108.25	
271.24	258.68	245.12	220.42	158.98	110.53	
272.67	259.55	245.48	220.42	160.97	112.70	
274.03	260.36	245.80	220.42	162.80	114.78	
275.32	261.12	246.08	220.42	164.48	116.75	
276.56	261.83	246.33	220.42	166.05	118.64	
277.73	262.50	246.54	220.42	167.50	120.45	
278.86	263.12	246.73	220.42	168.85	122.17	
279.94	263.71	246.90	220.42	170.12	123.82	
280.97	264.26	247.04	220.42	171.30	125.39	
281.96	264.77	247.17	220.42	172.40	126.90	
282.90	265.26	247.27	220.42	173.44	128.34	
283.81	265.71	247.36	220.42	174.41	129.72	
284.68	266.14	247.44	220.42	175.33	131.05	
285.52	266.55	247.50	220.42	176.20	132.32	
286.33	266.93	247.55	220.42	177.01	133.53	
287.11	267.30	247.59	220.42	177.78	134.70	
287.86	267.64	247.63	220.42	178.51	135.82	
288.58	267.97	247.65	220.42	179.20	136.89	
289.28	268.28	247.67	220.42	179.86	137.92	
289.96	268.57	247.68	220.42	180.48	138.91	
290.61	268.85	247.69	220.42	181.07	139.87	
291.25	269.13	247.69	220.42	181.63	140.78	
291.86	269.39	247.69	220.42	182.16	141.67	
292.46	269.64	247.69	220.42	182.66	142.51	
293.03	269.88	247.69	220.42	183.14	143.33	
293.60	270.11	247.68	220.42	183.60	144.11	
294.14	270.33	247.68	220.42	184.03	144.87	
294.68	270.55	247.67	220.42	184.44	145.60	
295.19	270.77	247.66	220.42	184.84	146.30	
295.70	270.98	247.66	220.42	185.21	146.97	
296.19	271.18	247.65	220.42	185.57	147.63	
296.67	271.38	247.65	220.42	185.91	148.25	
297.15	271.58	247.64	220.42	186.23	148.86	
297.61	271.77	247.64	220.42	186.53	149.44	
298.06	271.97	247.64	220.42	186.82	150.00	
298.50	272.16	247.64	220.42	187.10	150.54	
298.93	272.35	247.65	220.42	187.36	151.06	
299.35	272.54	247.66	220.42	187.61	151.56	
299.77	272.73	247.67	220.42	187.85	152.04	
300.18	272.92	247.68	220.42	188.07	152.51	
300.58	273.11	247.70	220.42	188.28	152.96	
300.97	273.30	247.72	220.42	188.48	153.39	
301.36	273.50	247.75	220.42	188.67	153.80	
301.74	273.69	247.77	220.42	188.85	154.21	
302.12	273.89	247.81	220.42	189.02	154.59	
302.49	274.09	247.84	220.42	189.18	154.96	
302.85	274.30	247.89	220.42	189.32	155.32	
303.21	274.50	247.93	220.42	189.46	155.66	
303.57	274.72	247.98	220.42	189.59	155.99	
303.92	274.93	248.04	220.42	189.71	156.31	
304.27	275.15	248.10	220.42	189.82	156.61	
304.62	275.37	248.16	220.42	189.92	156.90	
304.96	275.60	248.23	220.42	190.02	157.18	
305.30	275.83	248.31	220.42	190.10	157.45	
305.63	276.07	248.39	220.42	190.18	157.71	

219°		Sternzeit			14h36min	
Br.	Asz.	XII	XI	MC	IX	VIII
64	252.93	246.54	239.11	221.43	124.28	82.95
63	255.31	248.27	240.15	221.43	129.88	86.38
62	257.58	249.89	241.10	221.43	134.87	89.68
61	259.75	251.41	241.97	221.43	139.31	92.86
60	261.80	252.84	242.75	221.43	143.28	95.90
59	263.76	254.17	243.47	221.43	146.83	98.81
58	265.62	255.41	244.11	221.43	150.02	101.59
57	267.39	256.58	244.68	221.43	152.90	104.24
56	269.07	257.66	245.20	221.43	155.51	106.77
55	270.66	258.67	245.66	221.43	157.89	109.19
54	272.18	259.62	246.08	221.43	160.06	111.49
53	273.63	260.51	246.44	221.43	162.05	113.69
52	275.00	261.33	246.77	221.43	163.88	115.78
51	276.31	262.10	247.06	221.43	165.57	117.78
50	277.56	262.82	247.31	221.43	167.14	119.68
49	278.75	263.50	247.53	221.43	168.59	121.50
48	279.88	264.13	247.73	221.43	169.94	123.23
47	280.97	264.72	247.90	221.43	171.21	124.89
46	282.00	265.27	248.04	221.43	172.39	126.47
45	283.00	265.79	248.17	221.43	173.49	127.99
44	283.95	266.28	248.28	221.43	174.53	129.43
43	284.86	266.74	248.37	221.43	175.50	130.82
42	285.74	267.17	248.44	221.43	176.42	132.15
41	286.58	267.58	248.51	221.43	177.29	133.42
40	287.39	267.96	248.56	221.43	178.10	134.63
39	288.17	268.32	248.60	221.43	178.87	135.80
38	288.92	268.67	248.63	221.43	179.60	136.92
37	289.65	268.99	248.66	221.43	180.29	138.00
36	290.35	269.30	248.68	221.43	180.94	139.03
35	291.02	269.60	248.69	221.43	181.56	140.02
34	291.68	269.88	248.70	221.43	182.15	140.97
33	292.31	270.15	248.70	221.43	182.71	141.89
32	292.92	270.41	248.70	221.43	183.24	142.77
31	293.52	270.66	248.70	221.43	183.74	143.62
30	294.10	270.90	248.69	221.43	184.22	144.43
29	294.66	271.13	248.68	221.43	184.67	145.21
28	295.20	271.35	248.68	221.43	185.11	145.97
27	295.73	271.57	248.67	221.43	185.52	146.69
26	296.25	271.78	248.66	221.43	185.91	147.39
25	296.75	271.99	248.65	221.43	186.28	148.07
24	297.24	272.19	248.65	221.43	186.64	148.71
23	297.72	272.39	248.64	221.43	186.97	149.34
22	298.19	272.59	248.64	221.43	187.30	149.94
21	298.65	272.78	248.64	221.43	187.60	150.52
20	299.10	272.97	248.63	221.43	187.89	151.08
19	299.54	273.16	248.64	221.43	188.17	151.62
18	299.96	273.35	248.64	221.43	188.43	152.13
17	300.39	273.54	248.65	221.43	188.68	152.63
16	300.80	273.72	248.66	221.43	188.91	153.11
15	301.20	273.91	248.67	221.43	189.13	153.58
14	301.60	274.10	248.69	221.43	189.34	154.02
13	301.99	274.29	248.71	221.43	189.54	154.45
12	302.38	274.48	248.73	221.43	189.73	154.87
11	302.76	274.68	248.76	221.43	189.91	155.26
10	303.13	274.87	248.79	221.43	190.08	155.65
9	303.50	275.07	248.83	221.43	190.23	156.01
8	303.86	275.27	248.87	221.43	190.38	156.37
7	304.22	275.48	248.91	221.43	190.52	156.71
6	304.57	275.69	248.96	221.43	190.64	157.03
5	304.92	275.90	249.01	221.43	190.76	157.35
4	305.26	276.11	249.07	221.43	190.87	157.65
3	305.61	276.33	249.14	221.43	190.97	157.94
2	305.94	276.56	249.21	221.43	191.06	158.22
1	306.28	276.79	249.28	221.43	191.15	158.48
0	306.61	277.02	249.37	221.43	191.22	158.74

220°		Sternzeit				14h40min	221°		Sternzeit				14h44min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
253.55	247.23	239.88	222.45	124.95	83.48	64	254.17	247.91	240.66	223.46	125.61	84.02	
255.98	248.99	240.96	222.45	130.66	86.98	63	256.65	249.72	241.77	223.46	131.44	87.58	
258.29	250.65	241.94	222.45	135.73	90.34	62	259.01	251.42	242.77	223.46	136.59	91.01	
260.50	252.21	242.83	222.45	140.23	93.57	61	261.26	253.01	243.69	223.46	141.16	94.30	
262.59	253.66	243.63	222.45	144.24	96.67	60	263.39	254.49	244.52	223.46	145.22	97.45	
264.59	255.02	244.36	222.45	147.83	99.62	59	265.42	255.88	245.27	223.46	148.84	100.45	
266.48	256.29	245.02	222.45	151.05	102.44	58	267.35	257.18	245.94	223.46	152.08	103.31	
268.27	257.47	245.61	222.45	153.94	105.13	57	269.17	258.38	246.55	223.46	155.00	106.04	
269.98	258.58	246.14	222.45	156.57	107.70	56	270.90	259.51	247.09	223.46	157.64	108.64	
271.60	259.61	246.62	222.45	158.96	110.14	55	272.54	260.56	247.58	223.46	160.03	111.11	
273.14	260.57	247.04	222.45	161.13	112.47	54	274.10	261.54	248.01	223.46	162.22	113.47	
274.60	261.47	247.42	222.45	163.13	114.69	53	275.58	262.45	248.39	223.46	164.22	115.71	
275.99	262.31	247.75	222.45	164.97	116.80	52	276.99	263.29	248.73	223.46	166.06	117.84	
277.31	263.09	248.04	222.45	166.66	118.81	51	278.33	264.09	249.03	223.46	167.75	119.87	
278.57	263.82	248.30	222.45	168.23	120.73	50	279.60	264.82	249.30	223.46	169.32	121.80	
279.77	264.50	248.53	222.45	169.68	122.56	49	280.81	265.51	249.53	223.46	170.78	123.64	
280.92	265.14	248.73	222.45	171.04	124.31	48	281.96	266.16	249.73	223.46	172.13	125.40	
282.01	265.73	248.90	222.45	172.30	125.97	47	283.06	266.76	249.90	223.46	173.40	127.07	
283.05	266.29	249.05	222.45	173.48	127.56	46	284.12	267.32	250.05	223.46	174.58	128.67	
284.05	266.81	249.17	222.45	174.59	129.08	45	285.12	267.85	250.18	223.46	175.68	130.19	
285.01	267.31	249.28	222.45	175.62	130.54	44	286.08	268.34	250.29	223.46	176.71	131.65	
285.93	267.77	249.38	222.45	176.60	131.92	43	287.00	268.80	250.39	223.46	177.69	133.04	
286.81	268.20	249.45	222.45	177.51	133.25	42	287.89	269.24	250.46	223.46	178.60	134.38	
287.65	268.61	249.52	222.45	178.37	134.53	41	288.73	269.65	250.53	223.46	179.46	135.65	
288.46	268.99	249.57	222.45	179.19	135.75	40	289.55	270.04	250.58	223.46	180.28	136.87	
289.25	269.36	249.61	222.45	179.96	136.92	39	290.33	270.40	250.62	223.46	181.05	138.04	
290.00	269.70	249.64	222.45	180.69	138.04	38	291.08	270.74	250.65	223.46	181.77	139.16	
290.72	270.03	249.67	222.45	181.37	139.11	37	291.81	271.07	250.68	223.46	182.46	140.24	
291.42	270.34	249.68	222.45	182.03	140.14	36	292.51	271.38	250.69	223.46	183.11	141.27	
292.10	270.63	249.69	222.45	182.64	141.13	35	293.18	271.67	250.70	223.46	183.73	142.26	
292.75	270.92	249.70	222.45	183.23	142.09	34	293.84	271.95	250.71	223.46	184.31	143.21	
293.39	271.18	249.70	222.45	183.79	143.00	33	294.47	272.22	250.71	223.46	184.87	144.12	
294.00	271.44	249.70	222.45	184.32	143.88	32	295.08	272.48	250.71	223.46	185.39	145.00	
294.59	271.69	249.70	222.45	184.82	144.72	31	295.67	272.72	250.70	223.46	185.90	145.84	
295.17	271.93	249.69	222.45	185.30	145.54	30	296.25	272.96	250.70	223.46	186.37	146.65	
295.73	272.16	249.69	222.45	185.75	146.32	29	296.80	273.19	250.69	223.46	186.82	147.43	
296.27	272.38	249.68	222.45	186.18	147.07	28	297.34	273.41	250.68	223.46	187.25	148.18	
296.80	272.59	249.67	222.45	186.59	147.80	27	297.87	273.62	250.67	223.46	187.66	148.90	
297.31	272.80	249.66	222.45	186.98	148.49	26	298.38	273.83	250.66	223.46	188.05	149.60	
297.81	273.01	249.65	222.45	187.35	149.16	25	298.88	274.03	250.65	223.46	188.42	150.27	
298.30	273.21	249.64	222.45	187.71	149.81	24	299.37	274.23	250.64	223.46	188.78	150.91	
298.78	273.41	249.64	222.45	188.04	150.43	23	299.84	274.42	250.63	223.46	189.11	151.53	
299.24	273.60	249.63	222.45	188.36	151.03	22	300.30	274.61	250.63	223.46	189.43	152.13	
299.70	273.79	249.63	222.45	188.67	151.61	21	300.76	274.80	250.62	223.46	189.73	152.70	
300.14	273.98	249.63	222.45	188.96	152.16	20	301.20	274.99	250.62	223.46	190.02	153.25	
300.58	274.17	249.63	222.45	189.23	152.70	19	301.63	275.17	250.62	223.46	190.29	153.79	
301.01	274.35	249.63	222.45	189.49	153.21	18	302.05	275.36	250.62	223.46	190.55	154.30	
301.42	274.54	249.64	222.45	189.74	153.71	17	302.47	275.54	250.62	223.46	190.80	154.79	
301.83	274.72	249.65	222.45	189.97	154.19	16	302.87	275.72	250.63	223.46	191.03	155.27	
302.24	274.91	249.66	222.45	190.19	154.65	15	303.27	275.91	250.64	223.46	191.25	155.72	
302.63	275.09	249.67	222.45	190.40	155.09	14	303.66	276.09	250.66	223.46	191.46	156.16	
303.02	275.28	249.69	222.45	190.60	155.52	13	304.05	276.27	250.68	223.46	191.66	156.59	
303.40	275.47	249.71	222.45	190.79	155.93	12	304.43	276.46	250.70	223.46	191.84	157.00	
303.78	275.66	249.74	222.45	190.96	156.32	11	304.80	276.65	250.72	223.46	192.02	157.39	
304.15	275.86	249.77	222.45	191.13	156.70	10	305.17	276.84	250.75	223.46	192.18	157.76	
304.51	276.05	249.81	222.45	191.29	157.07	9	305.53	277.03	250.79	223.46	192.34	158.13	
304.87	276.25	249.85	222.45	191.43	157.42	8	305.88	277.23	250.82	223.46	192.48	158.47	
305.22	276.45	249.89	222.45	191.57	157.76	7	306.23	277.43	250.87	223.46	192.62	158.81	
305.57	276.66	249.94	222.45	191.69	158.08	6	306.58	277.63	250.91	223.46	192.74	159.13	
305.92	276.87	249.99	222.45	191.81	158.39	5	306.92	277.84	250.97	223.46	192.86	159.44	
306.26	277.08	250.05	222.45	191.92	158.69	4	307.26	278.05	251.02	223.46	192.97	159.73	
306.60	277.30	250.11	222.45	192.02	158.98	3	307.59	278.26	251.09	223.46	193.07	160.02	
306.93	277.52	250.18	222.45	192.11	159.25	2	307.92	278.48	251.15	223.46	193.16	160.29	
307.26	277.74	250.26	222.45	192.19	159.51	1	308.25	278.70	251.23	223.46	193.24	160.55	
307.59	277.98	250.34	222.45	192.27	159.77	0	308.57	278.93	251.30	223.46	193.31	160.80	

222° Sternzeit 14h48min						223° Sternzeit 14h52min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
254.79	248.60	241.44	224.46	126.29	84.56	64	255.42	249.30	242.22	225.47	126.96	85.11
257.32	250.45	242.58	224.46	132.22	88.20	63	258.01	251.19	243.39	225.47	133.02	88.82
259.74	252.19	243.61	224.46	137.47	91.69	62	260.47	252.97	244.46	225.47	138.35	92.39
262.03	253.82	244.55	224.46	142.10	95.04	61	262.81	254.63	245.42	225.47	143.04	95.79
264.21	255.33	245.40	224.46	146.20	98.24	60	265.03	256.18	246.30	225.47	147.19	99.05
266.27	256.75	246.17	224.46	149.85	101.29	59	267.13	257.63	247.09	225.47	150.88	102.15
268.23	258.07	246.87	224.46	153.12	104.20	58	269.12	258.98	247.80	225.47	154.17	105.10
270.08	259.30	247.49	224.46	156.06	106.97	57	271.01	260.23	248.44	225.47	157.12	107.91
271.84	260.45	248.05	224.46	158.71	109.60	56	272.79	261.40	249.01	225.47	159.78	110.58
273.51	261.52	248.54	224.46	161.11	112.10	55	274.48	262.48	249.51	225.47	162.20	113.11
275.09	262.51	248.98	224.46	163.30	114.48	54	276.08	263.49	249.96	225.47	164.40	115.51
276.58	263.43	249.38	224.46	165.31	116.74	53	277.60	264.43	250.37	225.47	166.41	117.80
278.01	264.29	249.72	224.46	167.15	118.89	52	279.04	265.30	250.72	225.47	168.25	119.96
279.36	265.09	250.03	224.46	168.85	120.94	51	280.40	266.11	251.03	225.47	169.95	122.03
280.64	265.84	250.30	224.46	170.42	122.88	50	281.70	266.87	251.30	225.47	171.52	123.99
281.86	266.54	250.53	224.46	171.88	124.74	49	282.93	267.57	251.54	225.47	172.98	125.85
283.02	267.19	250.74	224.46	173.23	126.50	48	284.10	268.23	251.75	225.47	174.33	127.62
284.13	267.79	250.91	224.46	174.49	128.18	47	285.22	268.84	251.93	225.47	175.59	129.31
285.19	268.36	251.07	224.46	175.67	129.79	46	286.28	269.41	252.08	225.47	176.77	130.92
286.20	268.89	251.20	224.46	176.78	131.32	45	287.30	269.94	252.21	225.47	177.87	132.46
287.17	269.39	251.31	224.46	177.81	132.78	44	288.26	270.44	252.32	225.47	178.91	133.92
288.09	269.85	251.40	224.46	178.78	134.17	43	289.19	270.91	252.42	225.47	179.88	135.32
288.98	270.29	251.48	224.46	179.69	135.51	42	290.08	271.35	252.49	225.47	180.79	136.65
289.83	270.70	251.54	224.46	180.56	136.78	41	290.93	271.76	252.56	225.47	181.65	137.93
290.64	271.09	251.59	224.46	181.37	138.01	40	291.75	272.14	252.61	225.47	182.46	139.15
291.43	271.45	251.63	224.46	182.13	139.18	39	292.53	272.51	252.65	225.47	183.22	140.32
292.18	271.79	251.66	224.46	182.86	140.30	38	293.29	272.85	252.68	225.47	183.95	141.44
292.90	272.12	251.69	224.46	183.54	141.37	37	294.01	273.18	252.70	225.47	184.63	142.52
293.60	272.43	251.70	224.46	184.19	142.40	36	294.71	273.48	252.72	225.47	185.28	143.54
294.28	272.72	251.71	224.46	184.81	143.39	35	295.38	273.77	252.73	225.47	185.89	144.53
294.93	273.00	251.72	224.46	185.39	144.34	34	296.03	274.05	252.73	225.47	186.47	145.48
295.56	273.27	251.72	224.46	185.95	145.25	33	296.66	274.32	252.73	225.47	187.03	146.39
296.17	273.52	251.72	224.46	186.47	146.12	32	297.27	274.57	252.72	225.47	187.55	147.26
296.76	273.76	251.71	224.46	186.97	146.97	31	297.86	274.81	252.72	225.47	188.05	148.10
297.33	274.00	251.70	224.46	187.45	147.77	30	298.43	275.04	252.71	225.47	188.52	148.90
297.89	274.22	251.69	224.46	187.90	148.55	29	298.98	275.27	252.70	225.47	188.97	149.68
298.43	274.44	251.68	224.46	188.33	149.30	28	299.52	275.48	252.68	225.47	189.40	150.42
298.95	274.65	251.67	224.46	188.73	150.02	27	300.04	275.69	252.67	225.47	189.81	151.14
299.46	274.86	251.66	224.46	189.12	150.71	26	300.55	275.89	252.66	225.47	190.19	151.83
299.96	275.06	251.65	224.46	189.49	151.38	25	301.04	276.09	252.65	225.47	190.56	152.49
300.44	275.25	251.64	224.46	189.84	152.02	24	301.52	276.28	252.63	225.47	190.91	153.13
300.91	275.45	251.63	224.46	190.18	152.63	23	301.99	276.47	252.62	225.47	191.24	153.74
301.37	275.63	251.62	224.46	190.49	153.23	22	302.44	276.66	252.61	225.47	191.56	154.33
301.82	275.82	251.61	224.46	190.80	153.80	21	302.89	276.84	252.61	225.47	191.86	154.90
302.26	276.00	251.61	224.46	191.08	154.35	20	303.32	277.02	252.60	225.47	192.14	155.45
302.69	276.19	251.61	224.46	191.35	154.88	19	303.75	277.20	252.60	225.47	192.42	155.97
303.11	276.37	251.61	224.46	191.61	155.39	18	304.16	277.38	252.60	225.47	192.67	156.48
303.52	276.55	251.61	224.46	191.86	155.88	17	304.57	277.56	252.60	225.47	192.92	156.97
303.92	276.73	251.62	224.46	192.09	156.35	16	304.97	277.73	252.60	225.47	193.15	157.43
304.32	276.91	251.63	224.46	192.31	156.80	15	305.36	277.91	252.61	225.47	193.37	157.89
304.70	277.09	251.64	224.46	192.52	157.24	14	305.75	278.09	252.62	225.47	193.57	158.32
305.08	277.27	251.66	224.46	192.71	157.66	13	306.12	278.27	252.64	225.47	193.77	158.74
305.46	277.45	251.68	224.46	192.90	158.06	12	306.50	278.45	252.66	225.47	193.95	159.14
305.83	277.64	251.70	224.46	193.07	158.45	11	306.86	278.63	252.68	225.47	194.12	159.52
306.19	277.83	251.73	224.46	193.24	158.83	10	307.22	278.81	252.71	225.47	194.29	159.89
306.55	278.02	251.76	224.46	193.39	159.19	9	307.57	279.00	252.74	225.47	194.44	160.25
306.90	278.21	251.80	224.46	193.53	159.53	8	307.92	279.19	252.78	225.47	194.58	160.59
307.25	278.40	251.84	224.46	193.67	159.86	7	308.26	279.38	252.82	225.47	194.71	160.92
307.59	278.60	251.89	224.46	193.79	160.18	6	308.60	279.58	252.86	225.47	194.84	161.23
307.93	278.81	251.94	224.46	193.91	160.49	5	308.93	279.78	252.91	225.47	194.95	161.54
308.26	279.01	251.99	224.46	194.01	160.78	4	309.26	279.98	252.97	225.47	195.06	161.82
308.59	279.23	252.06	224.46	194.11	161.06	3	309.59	280.19	253.03	225.47	195.15	162.10
308.92	279.44	252.12	224.46	194.20	161.33	2	309.91	280.41	253.09	225.47	195.24	162.37
309.24	279.66	252.19	224.46	194.28	161.58	1	310.23	280.62	253.16	225.47	195.32	162.62
309.56	279.89	252.27	224.46	194.35	161.83	0	310.55	280.85	253.24	225.47	195.39	162.86

224° Sternzeit 14h56min						225° Sternzeit 15h 0min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
256.05	250.00	243.01	226.47	127.65	85.67	64	256.70	250.70	243.79	227.47	128.34	86.24
258.70	251.94	244.21	226.47	133.82	89.46	63	259.40	252.69	245.03	227.47	134.64	90.10
261.22	253.76	245.30	226.47	139.24	93.09	62	261.97	254.55	246.16	227.47	140.14	93.81
263.60	255.46	246.30	226.47	144.00	96.56	61	264.41	256.29	247.18	227.47	144.96	97.35
265.87	257.04	247.20	226.47	148.19	99.88	60	266.72	257.92	248.10	227.47	149.20	100.72
268.01	258.52	248.01	226.47	151.91	103.03	59	268.90	259.42	248.93	227.47	152.95	103.92
270.03	259.90	248.74	226.47	155.22	106.03	58	270.96	260.83	249.68	227.47	156.29	106.97
271.95	261.17	249.39	226.47	158.19	108.87	57	272.91	262.13	250.35	227.47	159.27	109.85
273.76	262.36	249.97	226.47	160.87	111.57	56	274.75	263.34	250.94	227.47	161.96	112.59
275.48	263.46	250.49	226.47	163.29	114.13	55	276.48	264.46	251.47	227.47	164.39	115.18
277.10	264.49	250.95	226.47	165.49	116.56	54	278.13	265.50	251.94	227.47	166.59	117.63
278.63	265.44	251.36	226.47	167.51	118.87	53	279.68	266.46	252.36	227.47	168.61	119.96
280.08	266.32	251.72	226.47	169.35	121.05	52	281.15	267.35	252.73	227.47	170.46	122.16
281.46	267.14	252.04	226.47	171.05	123.13	51	282.54	268.19	253.05	227.47	172.16	124.25
282.77	267.91	252.31	226.47	172.63	125.10	50	283.86	268.96	253.33	227.47	173.73	126.24
284.01	268.62	252.55	226.47	174.08	126.98	49	285.11	269.67	253.57	227.47	175.19	128.12
285.19	269.28	252.76	226.47	175.43	128.76	48	286.30	270.34	253.79	227.47	176.54	129.91
286.31	269.89	252.95	226.47	176.69	130.45	47	287.43	270.96	253.97	227.47	177.80	131.61
287.38	270.47	253.10	226.47	177.87	132.07	46	288.50	271.54	254.12	227.47	178.97	133.23
288.40	271.00	253.23	226.47	178.97	133.61	45	289.53	272.08	254.26	227.47	180.07	134.77
289.38	271.50	253.34	226.47	180.00	135.07	44	290.50	272.58	254.37	227.47	181.10	136.24
290.31	271.97	253.44	226.47	180.97	136.47	43	291.44	273.05	254.46	227.47	182.07	137.65
291.20	272.41	253.51	226.47	181.88	137.81	42	292.33	273.49	254.54	227.47	182.98	138.98
292.05	272.82	253.58	226.47	182.74	139.09	41	293.18	273.90	254.60	227.47	183.83	140.26
292.87	273.21	253.63	226.47	183.55	140.31	40	294.00	274.28	254.65	227.47	184.64	141.48
293.65	273.57	253.67	226.47	184.31	141.48	39	294.78	274.65	254.69	227.47	185.40	142.65
294.40	273.92	253.70	226.47	185.03	142.60	38	295.53	274.99	254.72	227.47	186.12	143.76
295.13	274.24	253.72	226.47	185.71	143.67	37	296.26	275.31	254.74	227.47	186.80	144.83
295.83	274.54	253.73	226.47	186.36	144.70	36	296.95	275.61	254.75	227.47	187.44	145.86
296.50	274.83	253.74	226.47	186.97	145.68	35	297.62	275.90	254.75	227.47	188.05	146.84
297.15	275.11	253.74	226.47	187.55	146.62	34	298.27	276.17	254.75	227.47	188.63	147.78
297.77	275.37	253.74	226.47	188.10	147.53	33	298.90	276.43	254.75	227.47	189.18	148.68
298.38	275.62	253.73	226.47	188.63	148.40	32	299.50	276.68	254.74	227.47	189.70	149.55
298.97	275.86	253.72	226.47	189.12	149.24	31	300.08	276.92	254.73	227.47	190.20	150.38
299.53	276.09	253.71	226.47	189.59	150.04	30	300.65	277.15	254.72	227.47	190.67	151.18
300.08	276.31	253.70	226.47	190.04	150.81	29	301.19	277.36	254.70	227.47	191.11	151.95
300.62	276.53	253.69	226.47	190.47	151.55	28	301.72	277.57	254.69	227.47	191.54	152.69
301.13	276.73	253.67	226.47	190.87	152.26	27	302.24	277.78	254.67	227.47	191.94	153.40
301.64	276.93	253.66	226.47	191.26	152.95	26	302.74	277.97	254.66	227.47	192.33	154.08
302.13	277.13	253.64	226.47	191.63	153.61	25	303.22	278.17	254.64	227.47	192.69	154.73
302.60	277.32	253.63	226.47	191.98	154.24	24	303.70	278.35	254.63	227.47	193.04	155.36
303.07	277.50	253.62	226.47	192.31	154.85	23	304.16	278.54	254.61	227.47	193.37	155.97
303.52	277.68	253.61	226.47	192.62	155.44	22	304.61	278.72	254.60	227.47	193.68	156.55
303.96	277.86	253.60	226.47	192.92	156.00	21	305.04	278.89	254.59	227.47	193.98	157.12
304.39	278.04	253.59	226.47	193.20	156.55	20	305.47	279.07	254.58	227.47	194.26	157.65
304.82	278.22	253.59	226.47	193.47	157.07	19	305.89	279.24	254.58	227.47	194.53	158.17
305.23	278.39	253.58	226.47	193.73	157.57	18	306.30	279.41	254.57	227.47	194.79	158.67
305.63	278.57	253.59	226.47	193.97	158.06	17	306.70	279.58	254.57	227.47	195.03	159.15
306.03	278.74	253.59	226.47	194.20	158.52	16	307.09	279.75	254.57	227.47	195.26	159.62
306.42	278.92	253.60	226.47	194.42	158.97	15	307.47	279.92	254.58	227.47	195.47	160.06
306.80	279.09	253.61	226.47	194.63	159.40	14	307.85	280.10	254.59	227.47	195.68	160.49
307.17	279.27	253.62	226.47	194.82	159.81	13	308.22	280.27	254.60	227.47	195.87	160.90
307.54	279.44	253.64	226.47	195.00	160.21	12	308.58	280.44	254.62	227.47	196.05	161.29
307.90	279.62	253.66	226.47	195.17	160.59	11	308.94	280.62	254.64	227.47	196.22	161.67
308.25	279.80	253.69	226.47	195.34	160.96	10	309.29	280.80	254.66	227.47	196.38	162.03
308.60	279.99	253.72	226.47	195.49	161.31	9	309.63	280.98	254.69	227.47	196.53	162.38
308.94	280.18	253.75	226.47	195.63	161.65	8	309.97	281.16	254.72	227.47	196.67	162.72
309.28	280.37	253.79	226.47	195.76	161.98	7	310.31	281.35	254.76	227.47	196.80	163.04
309.62	280.56	253.83	226.47	195.88	162.29	6	310.64	281.54	254.80	227.47	196.93	163.35
309.95	280.76	253.88	226.47	196.00	162.59	5	310.96	281.73	254.85	227.47	197.04	163.64
310.27	280.96	253.94	226.47	196.10	162.87	4	311.28	281.93	254.90	227.47	197.14	163.92
310.59	281.16	253.99	226.47	196.20	163.15	3	311.60	282.13	254.96	227.47	197.24	164.19
310.91	281.37	254.06	226.47	196.28	163.41	2	311.92	282.34	255.02	227.47	197.32	164.45
311.23	281.59	254.13	226.47	196.36	163.66	1	312.23	282.55	255.09	227.47	197.40	164.70
311.54	281.81	254.20	226.47	196.43	163.90	0	312.53	282.77	255.17	227.47	197.47	164.93

226°		Sternzeit				15h 4min	
Asz.	XII	XI	MC	IX	VIII		
257.34	251.41	244.58	228.46	129.03	86.81		
260.11	253.45	245.86	228.46	135.46	90.76		
262.74	255.36	247.01	228.46	141.05	94.54		
265.23	257.14	248.06	228.46	145.94	98.15		
267.58	258.80	249.01	228.46	150.22	101.58		
269.80	260.34	249.86	228.46	154.00	104.84		
271.90	261.77	250.63	228.46	157.36	107.93		
273.88	263.09	251.31	228.46	160.36	110.85		
275.75	264.32	251.92	228.46	163.05	113.62		
277.51	265.46	252.47	228.46	165.49	116.24		
279.17	266.52	252.94	228.46	167.70	118.72		
280.75	267.49	253.37	228.46	169.72	121.07		
282.23	268.40	253.74	228.46	171.57	123.29		
283.63	269.24	254.07	228.46	173.27	125.40		
284.96	270.02	254.35	228.46	174.84	127.39		
286.22	270.74	254.60	228.46	176.30	129.29		
287.42	271.41	254.81	228.46	177.65	131.08		
288.56	272.04	255.00	228.46	178.90	132.79		
289.64	272.62	255.15	228.46	180.08	134.41		
290.66	273.16	255.29	228.46	181.17	135.96		
291.64	273.66	255.40	228.46	182.20	137.43		
292.58	274.13	255.49	228.46	183.17	138.83		
293.47	274.57	255.57	228.46	184.07	140.17		
294.32	274.98	255.63	228.46	184.92	141.44		
295.14	275.37	255.67	228.46	185.73	142.66		
295.92	275.73	255.71	228.46	186.49	143.83		
296.68	276.07	255.74	228.46	187.21	144.94		
297.40	276.39	255.76	228.46	187.88	146.01		
298.09	276.69	255.77	228.46	188.53	147.03		
298.76	276.98	255.77	228.46	189.14	148.01		
299.41	277.25	255.77	228.46	189.71	148.95		
300.03	277.50	255.76	228.46	190.26	149.85		
300.63	277.75	255.75	228.46	190.78	150.71		
301.21	277.98	255.74	228.46	191.27	151.54		
301.77	278.21	255.73	228.46	191.74	152.33		
302.31	278.42	255.71	228.46	192.19	153.10		
302.84	278.63	255.69	228.46	192.61	153.83		
303.35	278.83	255.68	228.46	193.01	154.54		
303.85	279.02	255.66	228.46	193.39	155.21		
304.33	279.21	255.64	228.46	193.76	155.86		
304.80	279.39	255.62	228.46	194.10	156.49		
305.25	279.57	255.61	228.46	194.43	157.09		
305.70	279.75	255.59	228.46	194.74	157.67		
306.13	279.92	255.58	228.46	195.04	158.23		
306.56	280.09	255.57	228.46	195.32	158.77		
306.97	280.26	255.56	228.46	195.59	159.28		
307.38	280.43	255.56	228.46	195.84	159.78		
307.77	280.60	255.56	228.46	196.08	160.25		
308.16	280.77	255.56	228.46	196.31	160.71		
308.54	280.94	255.56	228.46	196.52	161.15		
308.91	281.10	255.57	228.46	196.73	161.57		
309.27	281.27	255.58	228.46	196.92	161.98		
309.63	281.45	255.59	228.46	197.10	162.37		
309.98	281.62	255.61	228.46	197.27	162.75		
310.33	281.79	255.64	228.46	197.43	163.11		
310.67	281.97	255.66	228.46	197.58	163.45		
311.01	282.15	255.70	228.46	197.72	163.78		
311.34	282.33	255.73	228.46	197.85	164.10		
311.66	282.52	255.77	228.46	197.97	164.41		
311.98	282.71	255.82	228.46	198.08	164.70		
312.30	282.90	255.87	228.46	198.18	164.98		
312.61	283.10	255.93	228.46	198.27	165.24		
312.92	283.31	255.99	228.46	198.36	165.50		
313.23	283.51	256.06	228.46	198.43	165.74		
313.53	283.73	256.13	228.46	198.50	165.97		

227°		Sternzeit				15h 8min	
Br.	Asz.	XII	XI	MC	IX	VIII	
64	258.00	252.13	245.38	229.45	129.73	87.40	
63	260.83	254.22	246.69	229.45	136.29	91.43	
62	263.52	256.17	247.88	229.45	141.98	95.29	
61	266.06	257.99	248.96	229.45	146.93	98.97	
60	268.46	259.69	249.93	229.45	151.25	102.46	
59	270.73	261.26	250.80	229.45	155.06	105.77	
58	272.86	262.72	251.59	229.45	158.44	108.91	
57	274.87	264.07	252.29	229.45	161.45	111.88	
56	276.77	265.32	252.91	229.45	164.16	114.68	
55	278.56	266.48	253.46	229.45	166.60	117.33	
54	280.24	267.55	253.95	229.45	168.81	119.84	
53	281.83	268.54	254.38	229.45	170.83	122.20	
52	283.33	269.46	254.76	229.45	172.68	124.44	
51	284.75	270.31	255.09	229.45	174.39	126.56	
50	286.09	271.09	255.38	229.45	175.96	128.57	
49	287.36	271.82	255.63	229.45	177.41	130.47	
48	288.56	272.50	255.84	229.45	178.76	132.27	
47	289.70	273.13	256.03	229.45	180.01	133.98	
46	290.78	273.71	256.19	229.45	181.18	135.61	
45	291.82	274.25	256.32	229.45	182.28	137.15	
44	292.80	274.76	256.43	229.45	183.30	138.63	
43	293.73	275.23	256.52	229.45	184.26	140.03	
42	294.63	275.66	256.60	229.45	185.17	141.36	
41	295.48	276.07	256.66	229.45	186.02	142.64	
40	296.30	276.46	256.70	229.45	186.82	143.85	
39	297.08	276.82	256.74	229.45	187.58	145.02	
38	297.83	277.16	256.76	229.45	188.29	146.13	
37	298.55	277.47	256.78	229.45	188.97	147.19	
36	299.24	277.77	256.79	229.45	189.61	148.21	
35	299.91	278.06	256.79	229.45	190.22	149.19	
34	300.55	278.33	256.79	229.45	190.79	150.12	
33	301.17	278.58	256.78	229.45	191.34	151.02	
32	301.77	278.82	256.77	229.45	191.85	151.87	
31	302.34	279.05	256.75	229.45	192.35	152.70	
30	302.90	279.27	256.74	229.45	192.81	153.49	
29	303.44	279.48	256.72	229.45	193.26	154.25	
28	303.96	279.69	256.70	229.45	193.68	154.98	
27	304.47	279.89	256.68	229.45	194.08	155.68	
26	304.96	280.08	256.66	229.45	194.46	156.35	
25	305.44	280.26	256.64	229.45	194.82	157.00	
24	305.90	280.44	256.62	229.45	195.16	157.62	
23	306.36	280.62	256.60	229.45	195.49	158.22	
22	306.80	280.79	256.59	229.45	195.80	158.80	
21	307.23	280.96	256.57	229.45	196.10	159.35	
20	307.65	281.13	256.56	229.45	196.38	159.88	
19	308.06	281.29	256.55	229.45	196.64	160.39	
18	308.46	281.46	256.55	229.45	196.90	160.88	
17	308.85	281.62	256.54	229.45	197.13	161.36	
16	309.23	281.79	256.54	229.45	197.36	161.81	
15	309.61	281.95	256.54	229.45	197.57	162.25	
14	309.97	282.12	256.55	229.45	197.78	162.67	
13	310.33	282.28	256.56	229.45	197.97	163.07	
12	310.69	282.45	256.57	229.45	198.15	163.46	
11	311.04	282.62	256.59	229.45	198.31	163.83	
10	311.38	282.79	256.61	229.45	198.47	164.18	
9	311.71	282.96	256.64	229.45	198.62	164.53	
8	312.04	283.14	256.67	229.45	198.76	164.85	
7	312.37	283.32	256.70	229.45	198.89	165.17	
6	312.69	283.50	256.74	229.45	199.01	165.47	
5	313.01	283.69	256.79	229.45	199.12	165.75	
4	313.32	283.88	256.84	229.45	199.22	166.03	
3	313.63	284.08	256.89	229.45	199.31	166.29	
2	313.93	284.28	256.95	229.45	199.39	166.54	
1	314.23	284.48	257.02	229.45	199.47	166.78	
0	314.53	284.69	257.09	229.45	199.53	167.01	

228° Sternzeit 15h12min						229° Sternzeit 15h16min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
258.66	252.85	246.17	230.44	130.44	87.99	64	259.34	253.57	246.97	231.43	131.16	88.59
261.56	254.99	247.52	230.44	137.13	92.11	63	262.31	255.78	248.36	231.43	137.99	92.81
264.31	257.00	248.75	230.44	142.91	96.05	62	265.12	257.83	249.62	231.43	143.86	96.83
266.91	258.86	249.86	230.44	147.92	99.80	61	267.77	259.74	250.76	231.43	148.93	100.66
269.36	260.59	250.85	230.44	152.29	103.36	60	270.27	261.51	251.79	231.43	153.35	104.28
271.67	262.20	251.75	230.44	156.13	106.73	59	272.63	263.15	252.71	231.43	157.21	107.71
273.84	263.69	252.55	230.44	159.53	109.92	58	274.84	264.67	253.53	231.43	160.63	110.94
275.89	265.07	253.27	230.44	162.56	112.92	57	276.92	266.07	254.26	231.43	163.67	113.99
277.81	266.34	253.91	230.44	165.27	115.76	56	278.87	267.37	254.91	231.43	166.38	116.87
279.62	267.51	254.47	230.44	167.71	118.44	55	280.71	268.56	255.48	231.43	168.83	119.58
281.33	268.60	254.97	230.44	169.93	120.97	54	282.43	269.67	255.99	231.43	171.05	122.13
282.93	269.60	255.40	230.44	171.95	123.36	53	284.06	270.68	256.44	231.43	173.08	124.53
284.45	270.53	255.79	230.44	173.80	125.61	52	285.59	271.62	256.82	231.43	174.93	126.80
285.88	271.39	256.12	230.44	175.50	127.74	51	287.03	272.49	257.16	231.43	176.62	128.95
287.23	272.18	256.41	230.44	177.07	129.76	50	288.39	273.29	257.46	231.43	178.19	130.97
288.51	272.92	256.67	230.44	178.52	131.67	49	289.68	274.03	257.71	231.43	179.64	132.89
289.72	273.60	256.88	230.44	179.87	133.48	48	290.89	274.71	257.93	231.43	180.98	134.70
290.86	274.23	257.07	230.44	181.12	135.19	47	292.04	275.34	258.11	231.43	182.23	136.42
291.95	274.81	257.23	230.44	182.29	136.82	46	293.13	275.93	258.27	231.43	183.40	138.05
292.98	275.36	257.36	230.44	183.38	138.37	45	294.17	276.47	258.40	231.43	184.49	139.60
293.97	275.86	257.47	230.44	184.40	139.84	44	295.15	276.98	258.51	231.43	185.51	141.07
294.91	276.33	257.56	230.44	185.36	141.24	43	296.09	277.45	258.60	231.43	186.46	142.47
295.80	276.77	257.63	230.44	186.27	142.57	42	296.98	277.88	258.67	231.43	187.36	143.80
296.65	277.18	257.69	230.44	187.11	143.85	41	297.84	278.29	258.73	231.43	188.21	145.07
297.47	277.56	257.73	230.44	187.91	145.06	40	298.65	278.67	258.77	231.43	189.01	146.28
298.25	277.92	257.77	230.44	188.67	146.22	39	299.43	279.03	258.80	231.43	189.76	147.43
299.00	278.25	257.79	230.44	189.38	147.33	38	300.18	279.36	258.82	231.43	190.47	148.54
299.71	278.57	257.80	230.44	190.06	148.39	37	300.89	279.67	258.83	231.43	191.14	149.59
300.40	278.87	257.81	230.44	190.69	149.40	36	301.58	279.97	258.84	231.43	191.78	150.60
301.07	279.15	257.81	230.44	191.30	150.37	35	302.24	280.24	258.83	231.43	192.38	151.57
301.71	279.41	257.80	230.44	191.87	151.30	34	302.87	280.50	258.82	231.43	192.95	152.49
302.32	279.66	257.79	230.44	192.41	152.19	33	303.48	280.75	258.81	231.43	193.49	153.38
302.91	279.90	257.78	230.44	192.93	153.05	32	304.07	280.99	258.80	231.43	194.00	154.23
303.49	280.13	257.76	230.44	193.42	153.87	31	304.64	281.21	258.78	231.43	194.49	155.04
304.04	280.35	257.74	230.44	193.88	154.65	30	305.19	281.42	258.76	231.43	194.95	155.83
304.58	280.55	257.72	230.44	194.32	155.41	29	305.72	281.63	258.73	231.43	195.39	156.58
305.09	280.75	257.70	230.44	194.74	156.13	28	306.24	281.82	258.71	231.43	195.81	157.30
305.60	280.95	257.68	230.44	195.14	156.83	27	306.73	282.01	258.69	231.43	196.21	157.99
306.09	281.13	257.66	230.44	195.52	157.50	26	307.22	282.20	258.66	231.43	196.59	158.65
306.56	281.31	257.64	230.44	195.88	158.14	25	307.69	282.37	258.64	231.43	196.94	159.29
307.02	281.49	257.62	230.44	196.23	158.76	24	308.14	282.55	258.62	231.43	197.28	159.90
307.47	281.66	257.60	230.44	196.55	159.35	23	308.59	282.71	258.59	231.43	197.61	160.49
307.90	281.83	257.58	230.44	196.86	159.93	22	309.02	282.88	258.57	231.43	197.92	161.06
308.33	282.00	257.57	230.44	197.15	160.47	21	309.44	283.04	258.56	231.43	198.21	161.60
308.74	282.16	257.55	230.44	197.43	161.00	20	309.85	283.20	258.54	231.43	198.49	162.13
309.15	282.33	257.54	230.44	197.70	161.51	19	310.25	283.36	258.53	231.43	198.75	162.63
309.54	282.49	257.53	230.44	197.95	162.00	18	310.64	283.52	258.52	231.43	199.00	163.11
309.93	282.65	257.53	230.44	198.18	162.46	17	311.02	283.68	258.51	231.43	199.23	163.57
310.31	282.81	257.52	230.44	198.41	162.91	16	311.39	283.83	258.51	231.43	199.46	164.02
310.68	282.97	257.52	230.44	198.62	163.35	15	311.76	283.99	258.50	231.43	199.67	164.45
311.04	283.13	257.53	230.44	198.82	163.76	14	312.12	284.15	258.51	231.43	199.87	164.86
311.40	283.29	257.54	230.44	199.01	164.16	13	312.47	284.31	258.51	231.43	200.06	165.25
311.75	283.46	257.55	230.44	199.19	164.54	12	312.81	284.47	258.52	231.43	200.23	165.63
312.09	283.62	257.56	230.44	199.36	164.91	11	313.15	284.63	258.54	231.43	200.40	166.00
312.43	283.79	257.58	230.44	199.51	165.26	10	313.48	284.79	258.56	231.43	200.55	166.34
312.76	283.96	257.61	230.44	199.66	165.60	9	313.81	284.96	258.58	231.43	200.70	166.68
313.09	284.13	257.62	230.44	199.80	165.92	8	314.13	285.13	258.61	231.43	200.84	167.00
313.41	284.31	257.67	230.44	199.93	166.23	7	314.45	285.30	258.64	231.43	200.96	167.30
313.72	284.49	257.71	230.44	200.04	166.53	6	314.76	285.48	258.68	231.43	201.08	167.60
314.03	284.67	257.75	230.44	200.15	166.81	5	315.07	285.66	258.72	231.43	201.19	167.88
314.34	284.86	257.80	230.44	200.25	167.09	4	315.37	285.84	258.76	231.43	201.29	168.14
314.65	285.05	257.85	230.44	200.34	167.34	3	315.67	286.03	258.82	231.43	201.38	168.40
314.95	285.25	257.91	230.44	200.43	167.59	2	315.96	286.22	258.87	231.43	201.46	168.64
315.24	285.45	257.98	230.44	200.50	167.83	1	316.25	286.42	258.94	231.43	201.53	168.87
315.54	285.66	258.05	230.44	200.57	168.05	0	316.54	286.62	259.01	231.43	201.59	169.09

230°		Sternzeit				15h20min
Asz.	XII	XI	MC	IX	VIII	
260.02	254.31	247.78	232.41	131.89	89.21	
263.06	256.57	249.21	232.41	138.85	93.52	
265.94	258.68	250.50	232.41	144.82	97.64	
268.65	260.63	251.68	232.41	149.96	101.54	
271.20	262.45	252.73	232.41	154.41	105.23	
273.60	264.12	253.67	232.41	158.30	108.71	
275.86	265.67	254.51	232.41	161.74	112.00	
277.97	267.10	255.26	232.41	164.78	115.09	
279.95	268.42	255.92	232.41	167.51	118.00	
281.81	269.63	256.51	232.41	169.96	120.74	
283.56	270.75	257.02	232.41	172.18	123.31	
285.20	271.78	257.47	232.41	174.21	125.74	
286.75	272.72	257.87	232.41	176.05	128.02	
288.20	273.60	258.21	232.41	177.75	130.17	
289.57	274.40	258.50	232.41	179.31	132.21	
290.86	275.15	258.76	232.41	180.76	134.13	
292.08	275.83	258.98	232.41	182.10	135.94	
293.24	276.47	259.16	232.41	183.35	137.66	
294.33	277.06	259.32	232.41	184.51	139.29	
295.37	277.60	259.45	232.41	185.60	140.84	
296.36	278.11	259.56	232.41	186.61	142.31	
297.29	278.57	259.64	232.41	187.57	143.71	
298.19	279.01	259.71	232.41	188.46	145.04	
299.04	279.41	259.77	232.41	189.31	146.30	
299.85	279.79	259.81	232.41	190.10	147.51	
300.63	280.14	259.84	232.41	190.85	148.66	
301.37	280.47	259.85	232.41	191.56	149.76	
302.08	280.78	259.86	232.41	192.23	150.81	
302.76	281.07	259.86	232.41	192.86	151.81	
303.42	281.35	259.86	232.41	193.46	152.77	
304.05	281.60	259.85	232.41	194.03	153.69	
304.66	281.85	259.83	232.41	194.57	154.57	
305.24	282.08	259.81	232.41	195.08	155.42	
305.80	282.30	259.79	232.41	195.56	156.23	
306.35	282.51	259.77	232.41	196.02	157.00	
306.88	282.71	259.74	232.41	196.46	157.75	
307.39	282.90	259.72	232.41	196.88	158.46	
307.88	283.09	259.69	232.41	197.27	159.15	
308.36	283.26	259.66	232.41	197.65	159.81	
308.82	283.44	259.64	232.41	198.00	160.44	
309.27	283.61	259.61	232.41	198.34	161.05	
309.71	283.77	259.59	232.41	198.67	161.64	
310.14	283.93	259.57	232.41	198.97	162.20	
310.55	284.09	259.55	232.41	199.26	162.74	
310.96	284.25	259.53	232.41	199.54	163.25	
311.35	284.40	259.52	232.41	199.80	163.75	
311.74	284.55	259.50	232.41	200.05	164.23	
312.12	284.71	259.49	232.41	200.28	164.69	
312.48	284.86	259.49	232.41	200.50	165.13	
312.84	285.01	259.48	232.41	200.71	165.55	
313.20	285.17	259.49	232.41	200.91	165.96	
313.54	285.32	259.49	232.41	201.10	166.35	
313.88	285.48	259.50	232.41	201.27	166.72	
314.22	285.64	259.51	232.41	201.44	167.08	
314.54	285.80	259.53	232.41	201.59	167.43	
314.86	285.96	259.55	232.41	201.74	167.76	
315.18	286.13	259.58	232.41	201.87	168.07	
315.49	286.29	259.61	232.41	202.00	168.37	
315.80	286.47	259.64	232.41	202.11	168.66	
316.10	286.64	259.68	232.41	202.22	168.94	
316.40	286.82	259.73	232.41	202.32	169.20	
316.69	287.01	259.78	232.41	202.41	169.45	
316.98	287.20	259.83	232.41	202.49	169.69	
317.27	287.39	259.90	232.41	202.56	169.92	
317.55	287.59	259.96	232.41	202.62	170.14	

231°		Sternzeit				15h24min
Br.	Asz.	XII	XI	MC	IX	VIII
64	260.71	255.05	248.59	233.39	132.63	89.84
63	263.83	257.37	250.06	233.39	139.73	94.25
62	266.77	259.53	251.39	233.39	145.79	98.46
61	269.55	261.54	252.60	233.39	150.99	102.44
60	272.16	263.39	253.68	233.39	155.49	106.20
59	274.60	265.11	254.65	233.39	159.41	109.75
58	276.90	266.69	255.51	233.39	162.85	113.08
57	279.04	268.14	256.27	233.39	165.91	116.21
56	281.06	269.48	256.95	233.39	168.64	119.16
55	282.94	270.71	257.54	233.39	171.10	121.92
54	284.71	271.84	258.06	233.39	173.32	124.52
53	286.37	272.88	258.52	233.39	175.34	126.96
52	287.93	273.84	258.92	233.39	177.19	129.26
51	289.39	274.72	259.26	233.39	178.88	131.42
50	290.77	275.54	259.56	233.39	180.44	133.46
49	292.07	276.28	259.82	233.39	181.88	135.39
48	293.30	276.97	260.04	233.39	183.22	137.21
47	294.46	277.61	260.22	233.39	184.46	138.93
46	295.55	278.20	260.37	233.39	185.62	140.56
45	296.59	278.74	260.50	233.39	186.71	142.10
44	297.58	279.25	260.61	233.39	187.72	143.57
43	298.51	279.71	260.69	233.39	188.67	144.96
42	299.40	280.15	260.76	233.39	189.56	146.29
41	300.25	280.55	260.81	233.39	190.40	147.55
40	301.06	280.92	260.85	233.39	191.19	148.75
39	301.83	281.27	260.87	233.39	191.94	149.90
38	302.57	281.60	260.89	233.39	192.65	150.99
37	303.28	281.90	260.89	233.39	193.31	152.04
36	303.96	282.19	260.89	233.39	193.94	153.03
35	304.61	282.46	260.88	233.39	194.54	153.99
34	305.24	282.71	260.87	233.39	195.10	154.90
33	305.84	282.95	260.85	233.39	195.64	155.78
32	306.42	283.18	260.83	233.39	196.15	156.62
31	306.98	283.39	260.81	233.39	196.63	157.42
30	307.52	283.60	260.78	233.39	197.09	158.19
29	308.04	283.80	260.75	233.39	197.53	158.93
28	308.54	283.98	260.72	233.39	197.94	159.64
27	309.03	284.16	260.70	233.39	198.33	160.32
26	309.51	284.34	260.67	233.39	198.71	160.97
25	309.96	284.51	260.64	233.39	199.06	161.60
24	310.41	284.67	260.61	233.39	199.40	162.20
23	310.84	284.83	260.59	233.39	199.72	162.78
22	311.26	284.99	260.56	233.39	200.03	163.34
21	311.67	285.14	260.54	233.39	200.31	163.87
20	312.07	285.29	260.52	233.39	200.59	164.39
19	312.46	285.44	260.50	233.39	200.85	164.88
18	312.84	285.59	260.49	233.39	201.09	165.35
17	313.22	285.74	260.48	233.39	201.33	165.81
16	313.58	285.89	260.47	233.39	201.55	166.24
15	313.93	286.04	260.46	233.39	201.76	166.66
14	314.28	286.19	260.46	233.39	201.95	167.06
13	314.62	286.34	260.47	233.39	202.14	167.45
12	314.96	286.49	260.47	233.39	202.31	167.82
11	315.28	286.65	260.48	233.39	202.48	168.17
10	315.61	286.80	260.50	233.39	202.63	168.51
9	315.92	286.96	260.52	233.39	202.77	168.84
8	316.23	287.13	260.54	233.39	202.91	169.15
7	316.54	287.29	260.57	233.39	203.03	169.45
6	316.84	287.46	260.61	233.39	203.14	169.73
5	317.14	287.63	260.64	233.39	203.25	170.00
4	317.43	287.81	260.69	233.39	203.35	170.26
3	317.72	287.99	260.74	233.39	203.43	170.51
2	318.01	288.17	260.79	233.39	203.51	170.74
1	318.29	288.36	260.85	233.39	203.58	170.97
0	318.57	288.56	260.92	233.39	203.64	171.18

232° Sternzeit 15h28min						233° Sternzeit 15h32min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
261.41	255.80	249.40	234.37	133.38	90.48	64	262.13	256.56	250.22	235.34	134.15	91.14
264.61	258.19	250.92	234.37	140.63	95.00	63	265.41	259.01	251.78	235.34	141.54	95.77
267.63	260.40	252.29	234.37	146.78	99.30	62	268.50	261.29	253.20	235.34	147.79	100.17
270.47	262.46	253.53	234.37	152.04	103.37	61	271.40	263.40	254.47	235.34	153.11	104.32
273.13	264.36	254.64	234.37	156.58	107.20	60	274.13	265.34	255.61	235.34	157.68	108.23
275.62	266.11	255.63	234.37	160.52	110.80	59	276.67	267.13	256.63	235.34	161.65	111.89
277.96	267.72	256.51	234.37	163.98	114.19	58	279.05	268.77	257.53	235.34	165.12	115.33
280.14	269.20	257.29	234.37	167.05	117.37	57	281.27	270.28	258.32	235.34	168.19	118.55
282.19	270.56	257.98	234.37	169.78	120.34	56	283.34	271.66	259.03	235.34	170.93	121.56
284.10	271.81	258.59	234.37	172.24	123.13	55	285.27	272.93	259.64	235.34	173.39	124.38
285.88	272.96	259.12	234.37	174.46	125.75	54	287.08	274.09	260.18	235.34	175.61	127.02
287.56	274.01	259.58	234.37	176.48	128.21	53	288.77	275.16	260.65	235.34	177.62	129.49
289.13	274.98	259.98	234.37	178.32	130.52	52	290.36	276.13	261.05	235.34	179.47	131.81
290.61	275.87	260.33	234.37	180.01	132.70	51	291.84	277.03	261.40	235.34	181.15	133.99
291.99	276.68	260.63	234.37	181.57	134.74	50	293.24	277.85	261.70	235.34	182.71	136.04
293.30	277.44	260.88	234.37	183.01	136.67	49	294.55	278.60	261.95	235.34	184.14	137.97
294.53	278.13	261.10	234.37	184.34	138.49	48	295.78	279.30	262.17	235.34	185.47	139.80
295.69	278.77	261.28	234.37	185.58	140.21	47	296.95	279.94	262.35	235.34	186.71	141.51
296.79	279.35	261.44	234.37	186.74	141.84	46	298.04	280.52	262.50	235.34	187.86	143.14
297.83	279.90	261.56	234.37	187.82	143.38	45	299.08	281.06	262.63	235.34	188.93	144.68
298.81	280.40	261.67	234.37	188.83	144.85	44	300.07	281.56	262.73	235.34	189.94	146.14
299.75	280.86	261.75	234.37	189.78	146.23	43	301.00	282.03	262.81	235.34	190.88	147.52
300.64	281.29	261.81	234.37	190.66	147.55	42	301.88	282.45	262.87	235.34	191.77	148.83
301.48	281.69	261.86	234.37	191.50	148.81	41	302.73	282.85	262.91	235.34	192.60	150.08
302.29	282.06	261.89	234.37	192.29	150.01	40	303.53	283.22	262.94	235.34	193.38	151.27
303.06	282.41	261.92	234.37	193.03	151.15	39	304.29	283.56	262.96	235.34	194.12	152.41
303.79	282.73	261.93	234.37	193.73	152.23	38	305.02	283.87	262.97	235.34	194.82	153.49
304.49	283.03	261.93	234.37	194.40	153.27	37	305.72	284.17	262.97	235.34	195.48	154.52
305.17	283.32	261.93	234.37	195.02	154.26	36	306.39	284.45	262.96	235.34	196.11	155.51
305.82	283.58	261.91	234.37	195.62	155.21	35	307.03	284.71	262.95	235.34	196.70	156.45
306.44	283.83	261.90	234.37	196.18	156.12	34	307.65	284.95	262.93	235.34	197.26	157.35
307.03	284.06	261.88	234.37	196.72	156.99	33	308.24	285.18	262.90	235.34	197.79	158.21
307.61	284.29	261.85	234.37	197.22	157.82	32	308.81	285.40	262.87	235.34	198.29	159.04
308.16	284.50	261.82	234.37	197.70	158.62	31	309.36	285.61	262.84	235.34	198.77	159.83
308.70	284.70	261.80	234.37	198.16	159.38	30	309.88	285.80	262.81	235.34	199.23	160.58
309.21	284.89	261.76	234.37	198.59	160.12	29	310.39	285.99	262.78	235.34	199.66	161.31
309.71	285.07	261.73	234.37	199.00	160.82	28	310.89	286.17	262.74	235.34	200.07	162.01
310.19	285.25	261.70	234.37	199.40	161.50	27	311.36	286.34	262.71	235.34	200.46	162.68
310.66	285.42	261.67	234.37	199.77	162.14	26	311.83	286.50	262.67	235.34	200.83	163.32
311.12	285.58	261.64	234.37	200.12	162.76	25	312.27	286.66	262.64	235.34	201.18	163.93
311.56	285.74	261.61	234.37	200.46	163.36	24	312.71	286.82	262.61	235.34	201.51	164.52
311.98	285.90	261.58	234.37	200.77	163.93	23	313.13	286.97	262.58	235.34	201.83	165.09
312.40	286.05	261.56	234.37	201.08	164.49	22	313.54	287.11	262.55	235.34	202.13	165.64
312.80	286.20	261.53	234.37	201.36	165.01	21	313.94	287.26	262.52	235.34	202.41	166.16
313.20	286.35	261.51	234.37	201.64	165.52	20	314.33	287.40	262.50	235.34	202.68	166.66
313.58	286.49	261.49	234.37	201.90	166.01	19	314.71	287.54	262.48	235.34	202.94	167.14
313.96	286.64	261.47	234.37	202.14	166.48	18	315.07	287.68	262.46	235.34	203.18	167.61
314.32	286.78	261.46	234.37	202.37	166.93	17	315.43	287.82	262.44	235.34	203.41	168.05
314.68	286.93	261.45	234.37	202.59	167.36	16	315.79	287.96	262.43	235.34	203.63	168.48
315.03	287.07	261.44	234.37	202.80	167.77	15	316.13	288.10	262.42	235.34	203.84	168.89
315.37	287.22	261.44	234.37	202.99	168.17	14	316.47	288.25	262.42	235.34	204.03	169.28
315.71	287.36	261.44	234.37	203.18	168.55	13	316.80	288.39	262.42	235.34	204.21	169.65
316.04	287.51	261.45	234.37	203.35	168.92	12	317.12	288.53	262.42	235.34	204.39	170.02
316.36	287.66	261.46	234.37	203.51	169.27	11	317.44	288.68	262.43	235.34	204.55	170.36
316.68	287.81	261.47	234.37	203.66	169.60	10	317.75	288.83	262.44	235.34	204.70	170.69
316.99	287.97	261.49	234.37	203.81	169.92	9	318.05	288.98	262.46	235.34	204.84	171.01
317.29	288.13	261.51	234.37	203.94	170.23	8	318.35	289.13	262.48	235.34	204.97	171.31
317.59	288.29	261.54	234.37	204.06	170.52	7	318.65	289.29	262.50	235.34	205.09	171.60
317.89	288.45	261.57	234.37	204.17	170.80	6	318.94	289.45	262.53	235.34	205.20	171.87
318.18	288.62	261.61	234.37	204.28	171.07	5	319.23	289.61	262.57	235.34	205.30	172.14
318.47	288.79	261.65	234.37	204.37	171.32	4	319.51	289.78	262.61	235.34	205.40	172.39
318.75	288.97	261.70	234.37	204.46	171.57	3	319.79	289.96	262.66	235.34	205.48	172.63
319.03	289.15	261.75	234.37	204.54	171.80	2	320.06	290.13	262.71	235.34	205.56	172.85
319.31	289.34	261.81	234.37	204.61	172.02	1	320.33	290.32	262.76	235.34	205.63	173.07
319.58	289.53	261.87	234.37	204.67	172.23	0	320.60	290.50	262.83	235.34	205.69	173.27

234° Sternzeit 15h36min						235° Sternzeit 15h40min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
262.85	257.33	251.05	236.32	134.93	91.81	64	263.59	258.11	251.88	237.28	135.73	92.50
266.22	259.85	252.66	236.32	142.47	96.56	63	267.05	260.71	253.54	237.28	143.42	97.37
269.39	262.19	254.12	236.32	148.82	101.06	62	270.31	263.11	255.04	237.28	149.86	101.98
272.37	264.35	255.43	236.32	154.19	105.30	61	273.35	265.32	256.39	237.28	155.29	106.31
275.15	266.34	256.60	236.32	158.80	109.28	60	276.19	267.36	257.59	237.28	159.93	110.37
277.74	268.17	257.64	236.32	162.78	113.01	59	278.84	269.23	258.66	237.28	163.94	114.16
280.16	269.84	258.56	236.32	166.27	116.50	58	281.30	270.94	259.60	237.28	167.43	117.71
282.42	271.38	259.37	236.32	169.35	119.76	57	283.59	272.50	260.43	237.28	170.51	121.01
284.52	272.78	260.08	236.32	172.09	122.80	56	285.73	273.93	261.15	237.28	173.26	124.08
286.48	274.07	260.71	236.32	174.55	125.65	55	287.71	275.23	261.78	237.28	175.71	126.95
288.31	275.25	261.25	236.32	176.76	128.31	54	289.56	276.42	262.33	237.28	177.93	129.63
290.01	276.32	261.72	236.32	178.78	130.80	53	291.28	277.51	262.81	237.28	179.94	132.13
291.61	277.31	262.13	236.32	180.61	133.13	52	292.89	278.50	263.22	237.28	181.77	134.47
293.11	278.21	262.48	236.32	182.30	135.31	51	294.39	279.40	263.57	237.28	183.45	136.66
294.51	279.03	262.78	236.32	183.85	137.37	50	295.80	280.23	263.87	237.28	184.99	138.72
295.82	279.79	263.04	236.32	185.28	139.30	49	297.12	280.99	264.13	237.28	186.42	140.65
297.06	280.48	263.25	236.32	186.60	141.12	48	298.35	281.68	264.34	237.28	187.74	142.47
298.22	281.12	263.43	236.32	187.83	142.84	47	299.52	282.32	264.51	237.28	188.96	144.18
299.32	281.71	263.58	236.32	188.98	144.46	46	300.61	282.90	264.66	237.28	190.10	145.80
300.36	282.25	263.70	236.32	190.05	145.99	45	301.65	283.44	264.78	237.28	191.17	147.32
301.34	282.74	263.80	236.32	191.05	147.44	44	302.63	283.93	264.87	237.28	192.17	148.77
302.27	283.20	263.87	236.32	191.99	148.82	43	303.55	284.39	264.94	237.28	193.10	150.14
303.15	283.62	263.93	236.32	192.87	150.13	42	304.43	284.81	265.00	237.28	193.98	151.44
303.99	284.02	263.97	236.32	193.70	151.37	41	305.26	285.19	265.03	237.28	194.80	152.67
304.78	284.38	264.00	236.32	194.48	152.56	40	306.06	285.55	265.05	237.28	195.58	153.85
305.54	284.71	264.01	236.32	195.22	153.68	39	306.81	285.88	265.07	237.28	196.31	154.97
306.27	285.03	264.02	236.32	195.91	154.75	38	307.53	286.19	265.07	237.28	197.00	156.03
306.96	285.32	264.01	236.32	196.57	155.78	37	308.22	286.48	265.06	237.28	197.66	157.05
307.63	285.59	264.00	236.32	197.19	156.76	36	308.87	286.74	265.04	237.28	198.27	158.02
308.26	285.85	263.98	236.32	197.78	157.69	35	309.50	286.99	265.02	237.28	198.86	158.94
308.87	286.09	263.96	236.32	198.34	158.58	34	310.10	287.23	264.99	237.28	199.41	159.83
309.46	286.31	263.93	236.32	198.86	159.44	33	310.68	287.44	264.96	237.28	199.94	160.68
310.02	286.52	263.90	236.32	199.37	160.26	32	311.24	287.65	264.92	237.28	200.44	161.49
310.56	286.72	263.86	236.32	199.84	161.04	31	311.77	287.85	264.89	237.28	200.91	162.26
311.08	286.91	263.83	236.32	200.29	161.79	30	312.29	288.03	264.85	237.28	201.36	163.01
311.59	287.09	263.79	236.32	200.72	162.51	29	312.79	288.21	264.81	237.28	201.79	163.72
312.07	287.27	263.75	236.32	201.13	163.20	28	313.27	288.37	264.77	237.28	202.19	164.40
312.54	287.43	263.72	236.32	201.52	163.86	27	313.73	288.53	264.73	237.28	202.57	165.06
313.00	287.59	263.68	236.32	201.88	164.50	26	314.18	288.69	264.69	237.28	202.94	165.68
313.44	287.75	263.64	236.32	202.23	165.11	25	314.62	288.84	264.65	237.28	203.29	166.29
313.87	287.90	263.61	236.32	202.56	165.69	24	315.04	288.98	264.61	237.28	203.62	166.87
314.28	288.04	263.58	236.32	202.88	166.25	23	315.45	289.12	264.57	237.28	203.93	167.42
314.69	288.18	263.54	236.32	203.18	166.79	22	315.84	289.26	264.54	237.28	204.23	167.95
315.08	288.32	263.52	236.32	203.46	167.31	21	316.23	289.39	264.51	237.28	204.51	168.46
315.46	288.46	263.49	236.32	203.73	167.81	20	316.61	289.53	264.48	237.28	204.78	168.95
315.84	288.60	263.46	236.32	203.99	168.28	19	316.97	289.66	264.45	237.28	205.03	169.42
316.20	288.74	263.43	236.32	204.23	168.74	18	317.33	289.79	264.43	237.28	205.27	169.88
316.55	288.87	263.43	236.32	204.46	169.18	17	317.68	289.92	264.41	237.28	205.50	170.31
316.90	289.01	263.41	236.32	204.67	169.60	16	318.02	290.05	264.39	237.28	205.71	170.73
317.24	289.14	263.40	236.32	204.88	170.00	15	318.35	290.18	264.38	237.28	205.91	171.12
317.57	289.28	263.39	236.32	205.07	170.39	14	318.67	290.31	264.37	237.28	206.10	171.51
317.89	289.42	263.39	236.32	205.25	170.76	13	318.99	290.45	264.37	237.28	206.28	171.87
318.21	289.56	263.39	236.32	205.42	171.12	12	319.30	290.58	264.37	237.28	206.45	172.22
318.52	289.70	263.40	236.32	205.58	171.46	11	319.61	290.72	264.37	237.28	206.61	172.56
318.83	289.84	263.41	236.32	205.73	171.78	10	319.91	290.86	264.38	237.28	206.76	172.88
319.13	289.99	263.42	236.32	205.87	172.09	9	320.20	291.00	264.39	237.28	206.90	173.18
319.42	290.14	263.44	236.32	206.00	172.39	8	320.49	291.15	264.41	237.28	207.02	173.48
319.71	290.29	263.47	236.32	206.12	172.68	7	320.77	291.30	264.43	237.28	207.14	173.76
320.00	290.45	263.50	236.32	206.23	172.95	6	321.05	291.45	264.46	237.28	207.25	174.02
320.28	290.61	263.53	236.32	206.33	173.21	5	321.33	291.61	264.49	237.28	207.35	174.28
320.55	290.77	263.57	236.32	206.42	173.45	4	321.60	291.77	264.53	237.28	207.44	174.52
320.83	290.94	263.61	236.32	206.51	173.69	3	321.87	291.93	264.57	237.28	207.53	174.75
321.09	291.12	263.66	236.32	206.58	173.91	2	322.13	292.10	264.62	237.28	207.60	174.97
321.36	291.29	263.72	236.32	206.65	174.12	1	322.39	292.27	264.67	237.28	207.67	175.17
321.62	291.48	263.78	236.32	206.71	174.32	0	322.65	292.45	264.73	237.28	207.72	175.37

236° Sternzeit 15h44min						237° Sternzeit 15h48min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
264.35	258.90	252.72	238.25	136.54	93.21	64	265.12	259.71	253.57	239.21	137.38	93.94
267.91	261.57	254.44	238.25	144.39	98.21	63	268.78	262.46	255.34	239.21	145.38	99.08
271.24	264.04	255.98	238.25	150.92	102.93	62	272.20	265.00	256.94	239.21	152.00	103.91
274.36	266.32	257.37	238.25	156.41	107.36	61	275.40	267.33	258.36	239.21	157.54	108.43
277.27	268.40	258.60	238.25	161.08	111.49	60	278.37	269.47	259.62	239.21	162.24	112.65
279.97	270.31	259.69	238.25	165.10	115.35	59	281.13	271.42	260.74	239.21	166.28	116.58
282.48	272.05	260.65	238.25	168.61	118.95	58	283.68	273.19	261.72	239.21	169.79	120.22
284.80	273.64	261.50	238.25	171.69	122.29	57	286.04	274.81	262.58	239.21	172.88	123.61
286.96	275.09	262.23	238.25	174.43	125.39	56	288.23	276.28	263.33	239.21	175.62	126.74
288.97	276.41	262.87	238.25	176.89	128.29	55	290.26	277.62	263.98	239.21	178.07	129.66
290.84	277.62	263.43	238.25	179.10	130.98	54	292.15	278.83	264.54	239.21	180.28	132.37
292.57	278.71	263.91	238.25	181.10	133.49	53	293.90	279.94	265.02	239.21	182.27	134.89
294.19	279.71	264.32	238.25	182.93	135.84	52	295.52	280.94	265.43	239.21	184.09	137.24
295.70	280.62	264.67	238.25	184.60	138.04	51	297.04	281.86	265.79	239.21	185.76	139.44
297.11	281.45	264.97	238.25	186.14	140.09	50	298.45	282.69	266.08	239.21	187.29	141.49
298.43	282.21	265.22	238.25	187.56	142.02	49	299.78	283.45	266.33	239.21	188.71	143.42
299.67	282.90	265.43	238.25	188.87	143.83	48	301.01	284.14	266.54	239.21	190.01	145.23
300.84	283.54	265.61	238.25	190.09	145.54	47	302.18	284.77	266.71	239.21	191.23	146.93
301.93	284.12	265.75	238.25	191.23	147.15	46	303.27	285.35	266.84	239.21	192.36	148.53
302.96	284.65	265.86	238.25	192.29	148.67	45	304.29	285.88	266.95	239.21	193.41	150.04
303.94	285.14	265.95	238.25	193.28	150.11	44	305.26	286.36	267.04	239.21	194.40	151.47
304.86	285.59	266.02	238.25	194.21	151.47	43	306.18	286.80	267.10	239.21	195.33	152.82
305.73	286.00	266.07	238.25	195.08	152.76	42	307.05	287.21	267.14	239.21	196.19	154.10
306.56	286.38	266.10	238.25	195.90	153.99	41	307.87	287.59	267.17	239.21	197.01	155.32
307.34	286.74	266.12	238.25	196.68	155.16	40	308.65	287.93	267.18	239.21	197.78	156.48
308.09	287.06	266.12	238.25	197.41	156.27	39	309.39	288.25	267.18	239.21	198.50	157.58
308.80	287.36	266.12	238.25	198.09	157.32	38	310.09	288.55	267.17	239.21	199.18	158.62
309.48	287.64	266.10	238.25	198.74	158.33	37	310.76	288.82	267.16	239.21	199.83	159.62
310.13	287.90	266.08	238.25	199.36	159.29	36	311.41	289.07	267.13	239.21	200.44	160.57
310.76	288.15	266.06	238.25	199.94	160.21	35	312.02	289.31	267.10	239.21	201.02	161.48
311.35	288.37	266.03	238.25	200.49	161.08	34	312.61	289.53	267.06	239.21	201.57	162.35
311.92	288.59	265.99	238.25	201.01	161.92	33	313.17	289.74	267.02	239.21	202.09	163.18
312.47	288.79	265.95	238.25	201.51	162.72	32	313.71	289.93	266.98	239.21	202.58	163.97
313.00	288.98	265.91	238.25	201.98	163.49	31	314.24	290.11	266.94	239.21	203.05	164.73
313.51	289.15	265.87	238.25	202.42	164.23	30	314.74	290.29	266.89	239.21	203.49	165.46
314.00	289.32	265.82	238.25	202.85	164.93	29	315.22	290.45	266.84	239.21	203.91	166.15
314.47	289.49	265.78	238.25	203.25	165.61	28	315.68	290.60	266.79	239.21	204.31	166.82
314.93	289.64	265.74	238.25	203.63	166.25	27	316.13	290.75	266.75	239.21	204.69	167.46
315.37	289.79	265.69	238.25	204.00	166.88	26	316.57	290.90	266.70	239.21	205.05	168.07
315.80	289.93	265.65	238.25	204.34	167.47	25	316.99	291.03	266.66	239.21	205.39	168.66
316.21	290.07	265.61	238.25	204.67	168.04	24	317.40	291.17	266.61	239.21	205.72	169.22
316.62	290.21	265.57	238.25	204.98	168.59	23	317.79	291.30	266.57	239.21	206.03	169.77
317.01	290.34	265.53	238.25	205.27	169.12	22	318.18	291.42	266.53	239.21	206.32	170.29
317.39	290.47	265.50	238.25	205.55	169.62	21	318.55	291.55	266.49	239.21	206.60	170.78
317.75	290.60	265.47	238.25	205.82	170.11	20	318.91	291.67	266.46	239.21	206.86	171.26
318.11	290.72	265.44	238.25	206.07	170.57	19	319.26	291.79	266.43	239.21	207.11	171.72
318.46	290.85	265.41	238.25	206.31	171.02	18	319.61	291.91	266.40	239.21	207.35	172.16
318.81	290.97	265.39	238.25	206.53	171.44	17	319.94	292.03	266.37	239.21	207.57	172.58
319.14	291.10	265.37	238.25	206.75	171.85	16	320.27	292.15	266.35	239.21	207.78	172.98
319.47	291.23	265.36	238.25	206.95	172.25	15	320.59	292.27	266.34	239.21	207.98	173.37
319.78	291.35	265.35	238.25	207.14	172.62	14	320.90	292.40	266.32	239.21	208.17	173.74
320.10	291.48	265.34	238.25	207.31	172.98	13	321.21	292.52	266.31	239.21	208.34	174.10
320.40	291.61	265.34	238.25	207.48	173.33	12	321.50	292.65	266.31	239.21	208.51	174.44
320.70	291.75	265.34	238.25	207.64	173.66	11	321.80	292.77	266.31	239.21	208.67	174.76
320.99	291.88	265.35	238.25	207.78	173.97	10	322.08	292.90	266.31	239.21	208.81	175.07
321.28	292.02	265.36	238.25	207.92	174.28	9	322.37	293.04	266.32	239.21	208.95	175.37
321.56	292.16	265.37	238.25	208.05	174.56	8	322.64	293.17	266.34	239.21	209.07	175.65
321.84	292.30	265.39	238.25	208.17	174.84	7	322.92	293.31	266.35	239.21	209.19	175.92
322.12	292.45	265.42	238.25	208.27	175.10	6	323.18	293.46	266.38	239.21	209.29	176.18
322.39	292.60	265.45	238.25	208.37	175.35	5	323.45	293.61	266.41	239.21	209.39	176.42
322.65	292.76	265.48	238.25	208.46	175.59	4	323.71	293.76	266.44	239.21	209.48	176.66
322.91	292.92	265.53	238.25	208.54	175.81	3	323.96	293.91	266.48	239.21	209.56	176.88
323.17	293.09	265.57	238.25	208.62	176.03	2	324.21	294.07	266.53	239.21	209.63	177.09
323.42	293.26	265.62	238.25	208.68	176.23	1	324.46	294.24	266.58	239.21	209.69	177.28
323.68	293.43	265.68	238.25	208.74	176.42	0	324.71	294.41	266.63	239.21	209.75	177.47

238° Sternzeit 15h52min						239° Sternzeit 15h56min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
265.91	260.53	254.42	240.18	138.24	94.70	64	266.72	261.36	255.29	241.13	139.12	95.48
269.67	263.36	256.26	240.18	146.40	99.97	63	270.60	264.28	257.18	241.13	147.44	100.90
273.19	265.97	257.90	240.18	153.11	104.93	62	274.21	266.97	258.88	241.13	154.24	105.98
276.47	268.37	259.37	240.18	158.70	109.55	61	277.57	269.43	260.39	241.13	159.88	110.71
279.51	270.56	260.66	240.18	163.43	113.86	60	280.68	271.67	261.72	241.13	164.63	115.10
282.32	272.55	261.81	240.18	167.48	117.85	59	283.54	273.71	262.89	241.13	168.69	119.16
284.92	274.36	262.81	240.18	171.00	121.54	58	286.19	275.56	263.91	241.13	172.21	122.90
287.32	276.01	263.68	240.18	174.08	124.96	57	288.63	277.23	264.80	241.13	175.30	126.36
289.54	277.50	264.44	240.18	176.82	128.13	56	290.87	278.74	265.57	241.13	178.03	129.55
291.59	278.85	265.10	240.18	179.26	131.06	55	292.95	280.11	266.23	241.13	180.47	132.51
293.49	280.08	265.66	240.18	181.46	133.78	54	294.86	281.34	266.80	241.13	182.66	135.24
295.25	281.19	266.15	240.18	183.45	136.31	53	296.63	282.46	267.28	241.13	184.64	137.77
296.88	282.20	266.56	240.18	185.27	138.67	52	298.27	283.48	267.70	241.13	186.45	140.13
298.40	283.11	266.91	240.18	186.93	140.86	51	299.80	284.39	268.04	241.13	188.10	142.32
299.82	283.95	267.20	240.18	188.45	142.92	50	301.22	285.22	268.33	241.13	189.62	144.37
301.14	284.70	267.45	240.18	189.86	144.84	49	302.54	285.98	268.57	241.13	191.02	146.28
302.38	285.39	267.65	240.18	191.16	146.64	48	303.77	286.67	268.77	241.13	192.31	148.07
303.54	286.02	267.81	240.18	192.37	148.33	47	304.92	287.29	268.93	241.13	193.51	149.76
304.63	286.59	267.95	240.18	193.49	149.92	46	306.01	287.86	269.06	241.13	194.63	151.34
305.65	287.12	268.05	240.18	194.54	151.43	45	307.02	288.37	269.15	241.13	195.67	152.83
306.61	287.59	268.13	240.18	195.52	152.85	44	307.98	288.84	269.23	241.13	196.65	154.24
307.52	288.03	268.19	240.18	196.44	154.19	43	308.88	289.28	269.28	241.13	197.56	155.57
308.38	288.43	268.22	240.18	197.30	155.46	42	309.73	289.67	269.31	241.13	198.42	156.83
309.19	288.80	268.24	240.18	198.11	156.66	41	310.54	290.03	269.33	241.13	199.22	158.02
309.96	289.14	268.25	240.18	198.88	157.81	40	311.30	290.36	269.33	241.13	199.98	159.15
310.70	289.45	268.25	240.18	199.60	158.90	39	312.02	290.67	269.32	241.13	200.70	160.23
311.39	289.74	268.23	240.18	200.28	159.93	38	312.71	290.95	269.30	241.13	201.37	161.26
312.06	290.01	268.21	240.18	200.92	160.92	37	313.37	291.21	269.27	241.13	202.01	162.23
312.69	290.25	268.18	240.18	201.53	161.86	36	313.99	291.44	269.23	241.13	202.61	163.16
313.30	290.48	268.15	240.18	202.10	162.76	35	314.59	291.67	269.19	241.13	203.18	164.05
313.88	290.70	268.10	240.18	202.64	163.62	34	315.16	291.87	269.15	241.13	203.72	164.90
314.44	290.90	268.06	240.18	203.16	164.44	33	315.71	292.06	269.10	241.13	204.23	165.71
314.97	291.08	268.01	240.18	203.65	165.22	32	316.23	292.24	269.05	241.13	204.72	166.48
315.48	291.26	267.96	240.18	204.11	165.97	31	316.74	292.41	268.99	241.13	205.18	167.22
315.97	291.42	267.91	240.18	204.55	166.69	30	317.22	292.57	268.94	241.13	205.62	167.93
316.45	291.58	267.86	240.18	204.97	167.38	29	317.69	292.72	268.88	241.13	206.03	168.61
316.91	291.73	267.81	240.18	205.37	168.04	28	318.14	292.86	268.83	241.13	206.43	169.26
317.35	291.87	267.76	240.18	205.74	168.67	27	318.57	293.00	268.77	241.13	206.80	169.88
317.78	292.01	267.71	240.18	206.10	169.27	26	318.99	293.13	268.72	241.13	207.16	170.48
318.19	292.14	267.66	240.18	206.44	169.85	25	319.40	293.25	268.67	241.13	207.49	171.05
318.59	292.27	267.61	240.18	206.77	170.41	24	319.79	293.37	268.62	241.13	207.81	171.60
318.98	292.39	267.57	240.18	207.07	170.95	23	320.17	293.49	268.57	241.13	208.12	172.13
319.35	292.51	267.53	240.18	207.36	171.46	22	320.54	293.61	268.52	241.13	208.41	172.63
319.72	292.63	267.49	240.18	207.64	171.95	21	320.89	293.72	268.48	241.13	208.68	173.12
320.07	292.75	267.45	240.18	207.90	172.42	20	321.24	293.83	268.44	241.13	208.94	173.58
320.42	292.86	267.41	240.18	208.15	172.87	19	321.58	293.94	268.40	241.13	209.19	174.03
320.76	292.98	267.38	240.18	208.38	173.31	18	321.91	294.05	268.37	241.13	209.42	174.45
321.08	293.09	267.36	240.18	208.60	173.72	17	322.23	294.16	268.34	241.13	209.64	174.86
321.40	293.21	267.33	240.18	208.81	174.12	16	322.54	294.27	268.31	241.13	209.85	175.25
321.72	293.32	267.31	240.18	209.01	174.50	15	322.85	294.38	268.29	241.13	210.04	175.63
322.02	293.44	267.30	240.18	209.20	174.86	14	323.15	294.49	268.27	241.13	210.23	175.99
322.32	293.56	267.29	240.18	209.37	175.21	13	323.44	294.61	268.26	241.13	210.40	176.33
322.61	293.68	267.28	240.18	209.54	175.55	12	323.73	294.72	268.25	241.13	210.56	176.66
322.90	293.81	267.28	240.18	209.69	175.87	11	324.01	294.84	268.25	241.13	210.71	176.97
323.18	293.93	267.28	240.18	209.83	176.17	10	324.28	294.96	268.25	241.13	210.86	177.27
323.46	294.06	267.29	240.18	209.97	176.46	9	324.55	295.08	268.25	241.13	210.99	177.56
323.73	294.19	267.30	240.18	210.09	176.74	8	324.81	295.21	268.26	241.13	211.11	177.83
323.99	294.33	267.32	240.18	210.21	177.01	7	325.07	295.34	268.28	241.13	211.22	178.09
324.25	294.47	267.34	240.18	210.31	177.26	6	325.33	295.48	268.30	241.13	211.33	178.34
324.51	294.61	267.36	240.18	210.41	177.50	5	325.58	295.61	268.32	241.13	211.42	178.57
324.76	294.76	267.40	240.18	210.49	177.73	4	325.82	295.76	268.35	241.13	211.51	178.80
325.01	294.91	267.44	240.18	210.57	177.94	3	326.07	295.90	268.39	241.13	211.59	179.01
325.26	295.06	267.48	240.18	210.64	178.15	2	326.31	296.06	268.43	241.13	211.65	179.21
325.50	295.23	267.53	240.18	210.71	178.34	1	326.54	296.21	268.48	241.13	211.71	179.40
325.74	295.39	267.58	240.18	210.76	178.52	0	326.78	296.38	268.53	241.13	211.77	179.57

240°						241°						
Sternzeit						Sternzeit						
16h 0min						16h 4min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
267.55	262.21	256.17	242.09	140.03	96.29	64	268.40	263.08	257.06	243.05	140.97	97.13
271.54	265.23	258.13	242.09	148.51	101.86	63	272.52	266.20	259.09	243.05	149.61	102.87
275.26	268.00	259.88	242.09	155.40	107.07	62	276.35	269.05	260.89	243.05	156.58	108.21
278.71	270.52	261.43	242.09	161.08	111.91	61	279.88	271.64	262.49	243.05	162.31	113.16
281.89	272.82	262.79	242.09	165.85	116.39	60	283.13	274.00	263.89	243.05	167.10	117.72
284.81	274.90	263.99	242.09	169.92	120.51	59	286.12	276.12	265.11	243.05	171.18	121.91
287.50	276.78	265.03	242.09	173.45	124.31	58	288.85	278.04	266.17	243.05	174.70	125.76
289.97	278.48	265.93	242.09	176.53	127.80	57	291.36	279.76	267.09	243.05	177.77	129.29
292.25	280.01	266.71	242.09	179.25	131.02	56	293.66	281.31	267.87	243.05	180.49	132.53
294.34	281.39	267.38	242.09	181.68	133.99	55	295.77	282.71	268.55	243.05	182.91	135.51
296.27	282.64	267.95	242.09	183.87	136.73	54	297.71	283.96	269.12	243.05	185.08	138.26
298.05	283.76	268.44	242.09	185.84	139.27	53	299.50	285.09	269.60	243.05	187.05	140.79
299.70	284.78	268.85	242.09	187.64	141.62	52	301.15	286.11	270.01	243.05	188.84	143.14
301.22	285.70	269.19	242.09	189.28	143.81	51	302.68	287.02	270.35	243.05	190.47	145.33
302.64	286.53	269.48	242.09	190.79	145.85	50	304.09	287.85	270.63	243.05	191.97	147.35
303.96	287.28	269.71	242.09	192.18	147.75	49	305.40	288.59	270.86	243.05	193.35	149.25
305.19	287.96	269.90	242.09	193.47	149.53	48	306.63	289.27	271.04	243.05	194.63	151.02
306.33	288.57	270.06	242.09	194.66	151.21	47	307.77	289.88	271.19	243.05	195.81	152.67
307.41	289.14	270.18	242.09	195.77	152.78	46	308.84	290.43	271.30	243.05	196.92	154.23
308.42	289.65	270.27	242.09	196.81	154.25	45	309.84	290.93	271.39	243.05	197.94	155.70
309.37	290.11	270.33	242.09	197.77	155.65	44	310.77	291.39	271.44	243.05	198.90	157.08
310.26	290.53	270.38	242.09	198.68	156.97	43	311.66	291.80	271.48	243.05	199.80	158.38
311.10	290.92	270.40	242.09	199.53	158.21	42	312.49	292.18	271.50	243.05	200.65	159.61
311.90	291.27	270.41	242.09	200.33	159.39	41	313.27	292.53	271.50	243.05	201.44	160.78
312.65	291.59	270.41	242.09	201.08	160.51	40	314.02	292.84	271.49	243.05	202.19	161.88
313.36	291.89	270.39	242.09	201.79	161.58	39	314.72	293.13	271.47	243.05	202.89	162.94
314.04	292.16	270.36	242.09	202.46	162.59	38	315.39	293.39	271.44	243.05	203.56	163.94
314.69	292.41	270.33	242.09	203.10	163.55	37	316.03	293.63	271.40	243.05	204.19	164.89
315.31	292.64	270.29	242.09	203.69	164.47	36	316.63	293.85	271.35	243.05	204.78	165.79
315.89	292.86	270.24	242.09	204.26	165.35	35	317.21	294.06	271.30	243.05	205.34	166.66
316.46	293.06	270.19	242.09	204.80	166.19	34	317.76	294.25	271.24	243.05	205.87	167.48
316.99	293.24	270.14	242.09	205.31	166.99	33	318.29	294.42	271.18	243.05	206.38	168.27
317.51	293.41	270.08	242.09	205.79	167.75	32	318.80	294.59	271.12	243.05	206.86	169.02
318.00	293.57	270.02	242.09	206.25	168.48	31	319.28	294.74	271.06	243.05	207.31	169.74
318.48	293.72	269.96	242.09	206.68	169.18	30	319.75	294.88	270.99	243.05	207.74	170.43
318.94	293.87	269.91	242.09	207.09	169.85	29	320.20	295.02	270.93	243.05	208.15	171.09
319.38	294.00	269.85	242.09	207.48	170.49	28	320.63	295.15	270.87	243.05	208.54	171.73
319.80	294.13	269.79	242.09	207.85	171.10	27	321.04	295.27	270.80	243.05	208.91	172.33
320.21	294.25	269.73	242.09	208.21	171.69	26	321.45	295.38	270.74	243.05	209.26	172.91
320.61	294.37	269.67	242.09	208.54	172.26	25	321.83	295.49	270.68	243.05	209.59	173.47
320.99	294.48	269.62	242.09	208.86	172.80	24	322.21	295.60	270.62	243.05	209.91	174.00
321.37	294.60	269.57	242.09	209.16	173.32	23	322.57	295.71	270.57	243.05	210.20	174.51
321.73	294.70	269.52	242.09	209.45	173.81	22	322.92	295.81	270.52	243.05	210.49	175.00
322.08	294.81	269.47	242.09	209.72	174.29	21	323.27	295.91	270.47	243.05	210.76	175.47
322.42	294.92	269.43	242.09	209.98	174.75	20	323.60	296.01	270.42	243.05	211.01	175.92
322.75	295.02	269.39	242.09	210.22	175.19	19	323.92	296.10	270.38	243.05	211.25	176.35
323.07	295.12	269.35	242.09	210.45	175.61	18	324.24	296.20	270.34	243.05	211.48	176.76
323.38	295.23	269.32	242.09	210.67	176.01	17	324.54	296.30	270.31	243.05	211.70	177.16
323.69	295.33	269.29	242.09	210.88	176.39	16	324.84	296.40	270.27	243.05	211.90	177.54
323.99	295.44	269.27	242.09	211.07	176.76	15	325.13	296.50	270.25	243.05	212.10	177.90
324.28	295.54	269.25	242.09	211.25	177.12	14	325.41	296.60	270.22	243.05	212.28	178.24
324.56	295.65	269.23	242.09	211.42	177.45	13	325.69	296.70	270.21	243.05	212.45	178.58
324.84	295.76	269.22	242.09	211.58	177.78	12	325.96	296.81	270.19	243.05	212.61	178.89
325.12	295.88	269.22	242.09	211.73	178.08	11	326.23	296.92	270.18	243.05	212.75	179.19
325.38	295.99	269.21	242.09	211.88	178.38	10	326.49	297.03	270.18	243.05	212.89	179.48
325.65	296.11	269.22	242.09	212.01	178.66	9	326.75	297.14	270.18	243.05	213.02	179.76
325.90	296.23	269.22	242.09	212.13	178.93	8	327.00	297.26	270.19	243.05	213.14	180.02
326.16	296.36	269.24	242.09	212.24	179.18	7	327.24	297.38	270.20	243.05	213.25	180.27
326.40	296.49	269.26	242.09	212.34	179.42	6	327.48	297.50	270.21	243.05	213.35	180.50
326.65	296.62	269.28	242.09	212.43	179.65	5	327.72	297.63	270.24	243.05	213.45	180.73
326.89	296.76	269.31	242.09	212.52	179.87	4	327.96	297.77	270.26	243.05	213.53	180.94
327.13	296.90	269.34	242.09	212.60	180.07	3	328.19	297.90	270.30	243.05	213.60	181.14
327.36	297.05	269.38	242.09	212.66	180.27	2	328.41	298.05	270.33	243.05	213.67	181.33
327.59	297.20	269.43	242.09	212.72	180.45	1	328.64	298.20	270.38	243.05	213.73	181.51
327.82	297.36	269.48	242.09	212.77	180.63	0	328.86	298.35	270.43	243.05	213.78	181.68

242° Sternzeit 16h 8min						243° Sternzeit 16h12min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
269.28	263.97	257.96	244.00	141.95	98.00	64	270.19	264.88	258.88	244.95	142.97	98.91
273.54	267.19	260.06	244.00	150.75	103.91	63	274.58	268.21	261.06	244.95	151.92	105.00
277.47	270.13	261.93	244.00	157.80	109.40	62	278.64	271.24	262.98	244.95	159.05	110.64
281.10	272.80	263.57	244.00	163.56	114.47	61	282.36	273.99	264.67	244.95	164.84	115.82
284.42	275.21	265.01	244.00	168.37	119.11	60	285.76	276.45	266.15	244.95	169.66	120.56
287.47	277.38	266.25	244.00	172.45	123.37	59	288.86	278.67	267.42	244.95	173.74	124.88
290.25	279.33	267.33	244.00	175.96	127.26	58	291.69	280.65	268.52	244.95	177.25	128.82
292.79	281.08	268.26	244.00	179.03	130.82	57	294.26	282.43	269.46	244.95	180.31	132.40
295.11	282.64	269.05	244.00	181.74	134.08	56	296.61	284.01	270.26	244.95	183.00	135.68
297.24	284.05	269.73	244.00	184.15	137.07	55	298.75	285.43	270.93	244.95	185.40	138.68
299.19	285.31	270.30	244.00	186.31	139.82	54	300.71	286.69	271.50	244.95	187.55	141.43
300.99	286.44	270.78	244.00	188.27	142.36	53	302.51	287.83	271.98	244.95	189.50	143.96
302.64	287.46	271.19	244.00	190.04	144.70	52	304.16	288.84	272.38	244.95	191.26	146.29
304.16	288.37	271.52	244.00	191.67	146.87	51	305.68	289.75	272.71	244.95	192.87	148.45
305.57	289.19	271.79	244.00	193.16	148.89	50	307.08	290.56	272.97	244.95	194.35	150.45
306.88	289.93	272.02	244.00	194.53	150.77	49	308.38	291.30	273.19	244.95	195.71	152.32
308.10	290.60	272.19	244.00	195.80	152.52	48	309.59	291.96	273.35	244.95	196.97	154.05
309.23	291.20	272.33	244.00	196.97	154.17	47	310.71	292.55	273.48	244.95	198.13	155.68
310.29	291.75	272.44	244.00	198.07	155.71	46	311.76	293.08	273.58	244.95	199.22	157.20
311.27	292.24	272.51	244.00	199.09	157.16	45	312.74	293.56	273.65	244.95	200.23	158.63
312.20	292.69	272.56	244.00	200.04	158.52	44	313.65	294.00	273.69	244.95	201.18	159.98
313.07	293.09	272.59	244.00	200.93	159.81	43	314.51	294.39	273.71	244.95	202.06	161.25
313.90	293.46	272.60	244.00	201.77	161.02	42	315.32	294.75	273.71	244.95	202.89	162.45
314.67	293.79	272.60	244.00	202.56	162.18	41	316.08	295.07	273.70	244.95	203.67	163.59
315.40	294.10	272.58	244.00	203.30	163.27	40	316.80	295.37	273.67	244.95	204.41	164.67
316.10	294.37	272.55	244.00	204.00	164.31	39	317.48	295.63	273.64	244.95	205.10	165.69
316.75	294.63	272.51	244.00	204.66	165.29	38	318.13	295.88	273.59	244.95	205.75	166.66
317.38	294.86	272.46	244.00	205.28	166.23	37	318.74	296.10	273.54	244.95	206.37	167.58
317.97	295.07	272.41	244.00	205.87	167.12	36	319.33	296.30	273.48	244.95	206.95	168.46
318.54	295.27	272.35	244.00	206.42	167.97	35	319.88	296.49	273.41	244.95	207.51	169.30
319.08	295.45	272.29	244.00	206.95	168.79	34	320.41	296.66	273.34	244.95	208.03	170.10
319.60	295.62	272.23	244.00	207.45	169.56	33	320.92	296.82	273.27	244.95	208.53	170.87
320.09	295.77	272.16	244.00	207.93	170.31	32	321.40	296.96	273.20	244.95	209.00	171.60
320.57	295.92	272.09	244.00	208.38	171.02	31	321.87	297.10	273.13	244.95	209.44	172.29
321.03	296.05	272.02	244.00	208.80	171.69	30	322.31	297.22	273.05	244.95	209.87	172.96
321.46	296.18	271.95	244.00	209.21	172.34	29	322.74	297.34	272.98	244.95	210.27	173.60
321.89	296.30	271.89	244.00	209.59	172.97	28	323.15	297.45	272.91	244.95	210.65	174.21
322.29	296.41	271.82	244.00	209.96	173.56	27	323.55	297.56	272.84	244.95	211.01	174.80
322.68	296.52	271.75	244.00	210.31	174.13	26	323.93	297.66	272.77	244.95	211.36	175.36
323.06	296.62	271.69	244.00	210.64	174.68	25	324.30	297.76	272.70	244.95	211.68	175.90
323.43	296.72	271.63	244.00	210.95	175.20	24	324.66	297.85	272.64	244.95	211.99	176.41
323.79	296.82	271.57	244.00	211.25	175.71	23	325.01	297.94	272.57	244.95	212.29	176.91
324.13	296.92	271.52	244.00	211.53	176.19	22	325.34	298.03	272.51	244.95	212.57	177.38
324.46	297.01	271.46	244.00	211.80	176.65	21	325.67	298.12	272.46	244.95	212.83	177.83
324.79	297.10	271.41	244.00	212.05	177.09	20	325.98	298.20	272.41	244.95	213.08	178.27
325.10	297.19	271.37	244.00	212.29	177.51	19	326.29	298.29	272.36	244.95	213.32	178.68
325.41	297.28	271.33	244.00	212.51	177.92	18	326.58	298.37	272.31	244.95	213.54	179.08
325.71	297.38	271.29	244.00	212.73	178.31	17	326.87	298.46	272.27	244.95	213.75	179.46
326.00	297.47	271.25	244.00	212.93	178.68	16	327.16	298.54	272.24	244.95	213.95	179.83
326.28	297.56	271.23	244.00	213.12	179.04	15	327.43	298.63	272.20	244.95	214.14	180.17
326.56	297.66	271.20	244.00	213.30	179.38	14	327.70	298.72	272.18	244.95	214.32	180.51
326.83	297.76	271.18	244.00	213.47	179.70	13	327.96	298.81	272.15	244.95	214.49	180.83
327.09	297.86	271.16	244.00	213.62	180.01	12	328.22	298.91	272.13	244.95	214.64	181.13
327.35	297.96	271.15	244.00	213.77	180.31	11	328.47	299.01	272.12	244.95	214.79	181.42
327.60	298.07	271.15	244.00	213.91	180.59	10	328.72	299.11	272.11	244.95	214.92	181.70
327.85	298.17	271.14	244.00	214.04	180.86	9	328.96	299.21	272.11	244.95	215.05	181.96
328.10	298.29	271.15	244.00	214.15	181.11	8	329.20	299.32	272.11	244.95	215.17	182.21
328.33	298.40	271.16	244.00	214.26	181.36	7	329.43	299.43	272.12	244.95	215.27	182.45
328.57	298.52	271.17	244.00	214.36	181.59	6	329.66	299.54	272.13	244.95	215.37	182.67
328.80	298.65	271.19	244.00	214.45	181.81	5	329.88	299.66	272.15	244.95	215.46	182.89
329.03	298.77	271.22	244.00	214.54	182.02	4	330.10	299.78	272.17	244.95	215.54	183.09
329.25	298.91	271.25	244.00	214.61	182.21	3	330.32	299.91	272.20	244.95	215.61	183.28
329.47	299.05	271.28	244.00	214.67	182.40	2	330.53	300.05	272.23	244.95	215.68	183.46
329.69	299.19	271.33	244.00	214.73	182.57	1	330.74	300.19	272.27	244.95	215.73	183.63
329.90	299.34	271.37	244.00	214.78	182.73	0	330.95	300.33	272.32	244.95	215.78	183.79

244°		Sternzeit 16h16min					245°		Sternzeit 16h20min				
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
271.13	265.82	259.82	245.89	144.02	99.86	64	272.11	266.78	260.77	246.84	145.13	100.86	
275.67	269.26	262.07	245.89	153.13	106.15	63	276.81	270.35	263.11	246.84	154.39	107.35	
279.85	272.39	264.06	245.89	160.33	111.94	62	281.11	273.58	265.17	246.84	161.65	113.30	
283.67	275.21	265.80	245.89	166.15	117.24	61	285.04	276.48	266.96	246.84	167.50	118.73	
287.15	277.74	267.31	245.89	170.98	122.07	60	288.60	279.07	268.50	246.84	172.33	123.64	
290.31	280.00	268.61	245.89	175.06	126.45	59	291.81	281.38	269.83	246.84	176.40	128.08	
293.18	282.02	269.72	245.89	178.56	130.43	58	294.72	283.43	270.96	246.84	179.89	132.10	
295.78	283.81	270.67	245.89	181.60	134.04	57	297.36	285.24	271.92	246.84	182.92	135.73	
298.15	285.41	271.48	245.89	184.29	137.33	56	299.74	286.85	272.72	246.84	185.59	139.03	
300.31	286.84	272.16	245.89	186.67	140.33	55	301.91	288.28	273.40	246.84	187.96	142.03	
302.27	288.11	272.72	245.89	188.81	143.08	54	303.88	289.55	273.96	246.84	190.08	144.77	
304.07	289.24	273.20	245.89	190.74	145.60	53	305.67	290.68	274.43	246.84	191.99	147.27	
305.72	290.25	273.59	245.89	192.49	147.92	52	307.31	291.69	274.81	246.84	193.73	149.58	
307.23	291.15	273.90	245.89	194.09	150.06	51	308.82	292.58	275.12	246.84	195.31	151.70	
308.63	291.96	274.16	245.89	195.55	152.05	50	310.20	293.38	275.36	246.84	196.76	153.67	
309.92	292.68	274.37	245.89	196.90	153.89	49	311.48	294.09	275.56	246.84	198.10	155.49	
311.11	293.33	274.53	245.89	198.15	155.61	48	312.66	294.73	275.71	246.84	199.33	157.19	
312.22	293.91	274.64	245.89	199.30	157.22	47	313.76	295.30	275.82	246.84	200.48	158.77	
313.26	294.44	274.73	245.89	200.38	158.72	46	314.78	295.81	275.89	246.84	201.54	160.26	
314.22	294.91	274.79	245.89	201.38	160.13	45	315.73	296.27	275.94	246.84	202.53	161.65	
315.12	295.33	274.82	245.89	202.32	161.46	44	316.62	296.68	275.96	246.84	203.46	162.96	
315.97	295.71	274.83	245.89	203.19	162.71	43	317.45	297.05	275.96	246.84	204.33	164.19	
316.76	296.06	274.83	245.89	204.02	163.90	42	318.23	297.38	275.95	246.84	205.15	165.35	
317.51	296.37	274.80	245.89	204.79	165.01	41	318.96	297.68	275.92	246.84	205.91	166.45	
318.22	296.65	274.77	245.89	205.52	166.07	40	319.65	297.95	275.87	246.84	206.63	167.50	
318.89	296.91	274.73	245.89	206.20	167.08	39	320.31	298.19	275.82	246.84	207.31	168.49	
319.52	297.14	274.67	245.89	206.85	168.04	38	320.93	298.41	275.76	246.84	207.95	169.42	
320.12	297.35	274.61	245.89	207.46	168.94	37	321.51	298.61	275.69	246.84	208.56	170.32	
320.69	297.54	274.54	245.89	208.04	169.81	36	322.07	298.79	275.62	246.84	209.13	171.17	
321.24	297.72	274.47	245.89	208.59	170.64	35	322.60	298.96	275.54	246.84	209.67	171.98	
321.75	297.88	274.40	245.89	209.11	171.42	34	323.11	299.11	275.46	246.84	210.19	172.75	
322.25	298.03	274.32	245.89	209.60	172.17	33	323.59	299.24	275.38	246.84	210.67	173.49	
322.72	298.16	274.25	245.89	210.07	172.89	32	324.05	299.37	275.29	246.84	211.14	174.19	
323.17	298.29	274.17	245.89	210.51	173.58	31	324.49	299.49	275.21	246.84	211.57	174.87	
323.61	298.41	274.09	245.89	210.93	174.23	30	324.92	299.60	275.12	246.84	211.99	175.51	
324.03	298.52	274.01	245.89	211.33	174.86	29	325.32	299.70	275.04	246.84	212.38	176.13	
324.43	298.62	273.93	245.89	211.70	175.46	28	325.71	299.79	274.96	246.84	212.76	176.72	
324.82	298.72	273.86	245.89	212.06	176.04	27	326.09	299.88	274.88	246.84	213.11	177.28	
325.19	298.81	273.78	245.89	212.40	176.59	26	326.45	299.96	274.80	246.84	213.45	177.82	
325.55	298.90	273.71	245.89	212.73	177.12	25	326.80	300.04	274.72	246.84	213.77	178.34	
325.90	298.98	273.64	245.89	213.04	177.62	24	327.14	300.12	274.65	246.84	214.08	178.84	
326.23	299.07	273.58	245.89	213.33	178.11	23	327.47	300.20	274.58	246.84	214.37	179.32	
326.56	299.15	273.51	245.89	213.60	178.57	22	327.78	300.27	274.51	246.84	214.64	179.77	
326.87	299.23	273.45	245.89	213.87	179.02	21	328.09	300.34	274.45	246.84	214.90	180.21	
327.18	299.31	273.40	245.89	214.11	179.44	20	328.39	300.41	274.39	246.84	215.14	180.63	
327.48	299.38	273.35	245.89	214.35	179.85	19	328.68	300.49	274.34	246.84	215.38	181.03	
327.77	299.46	273.30	245.89	214.57	180.24	18	328.96	300.56	274.29	246.84	215.60	181.41	
328.05	299.54	273.26	245.89	214.78	180.62	17	329.23	300.63	274.24	246.84	215.80	181.77	
328.32	299.62	273.22	245.89	214.98	180.97	16	329.50	300.70	274.20	246.84	216.00	182.12	
328.59	299.70	273.18	245.89	215.16	181.32	15	329.76	300.78	274.16	246.84	216.18	182.46	
328.85	299.79	273.15	245.89	215.34	181.64	14	330.01	300.86	274.13	246.84	216.36	182.78	
329.11	299.87	273.13	245.89	215.50	181.96	13	330.26	300.94	274.10	246.84	216.52	183.08	
329.36	299.96	273.10	245.89	215.66	182.25	12	330.50	301.02	274.08	246.84	216.67	183.38	
329.60	300.05	273.09	245.89	215.80	182.54	11	330.73	301.11	274.06	246.84	216.81	183.65	
329.84	300.15	273.08	245.89	215.94	182.81	10	330.96	301.20	274.04	246.84	216.95	183.92	
330.07	300.25	273.07	245.89	216.06	183.06	9	331.19	301.29	274.04	246.84	217.07	184.17	
330.30	300.35	273.07	245.89	216.18	183.31	8	331.41	301.38	274.03	246.84	217.18	184.41	
330.53	300.45	273.08	245.89	216.28	183.54	7	331.63	301.48	274.04	246.84	217.29	184.63	
330.75	300.56	273.09	245.89	216.38	183.76	6	331.84	301.59	274.04	246.84	217.38	184.85	
330.97	300.68	273.10	245.89	216.46	183.97	5	332.05	301.70	274.06	246.84	217.47	185.05	
331.18	300.80	273.12	245.89	216.54	184.17	4	332.26	301.81	274.08	246.84	217.55	185.24	
331.39	300.92	273.15	245.89	216.61	184.35	3	332.46	301.93	274.10	246.84	217.61	185.42	
331.60	301.05	273.18	245.89	216.68	184.52	2	332.66	302.05	274.13	246.84	217.67	185.59	
331.80	301.18	273.22	245.89	216.73	184.69	1	332.86	302.18	274.17	246.84	217.73	185.75	
332.00	301.32	273.27	245.89	216.78	184.84	0	333.06	302.32	274.21	246.84	217.77	185.90	

246° Sternzeit 16h24min						247° Sternzeit 16h28min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
273.12	267.78	261.75	247.78	146.28	101.91	64	274.18	268.81	262.75	248.72	147.50	103.01
277.99	271.48	264.18	247.78	155.69	108.61	63	279.23	272.65	265.27	248.72	157.04	109.94
282.43	274.82	266.30	247.78	163.01	114.73	62	283.81	276.10	267.47	248.72	164.42	116.24
286.46	277.80	268.14	247.78	168.88	120.28	61	287.95	279.16	269.36	248.72	170.30	121.91
290.10	280.45	269.73	247.78	173.71	125.28	60	291.66	281.88	270.98	248.72	175.12	126.99
293.37	282.80	271.08	247.78	177.77	129.78	59	295.00	284.27	272.35	248.72	179.16	131.55
296.33	284.88	272.22	247.78	181.24	133.83	58	297.99	286.38	273.51	248.72	182.62	135.62
298.98	286.71	273.18	247.78	184.26	137.48	57	300.67	288.23	274.48	248.72	185.61	139.29
301.38	288.33	273.99	247.78	186.90	140.78	56	303.08	289.86	275.28	248.72	188.24	142.59
303.55	289.77	274.66	247.78	189.26	143.77	55	305.25	291.29	275.95	248.72	190.57	145.57
305.52	291.04	275.22	247.78	191.36	146.50	54	307.22	292.56	276.50	248.72	192.66	148.28
307.31	292.16	275.68	247.78	193.25	148.99	53	309.00	293.67	276.94	248.72	194.53	150.74
308.95	293.16	276.05	247.78	194.97	151.27	52	310.62	294.66	277.30	248.72	196.24	153.00
310.44	294.04	276.34	247.78	196.54	153.38	51	312.10	295.53	277.59	248.72	197.79	155.08
311.81	294.83	276.58	247.78	197.98	155.32	50	313.46	296.30	277.81	248.72	199.21	157.00
313.08	295.53	276.76	247.78	199.30	157.12	49	314.70	296.98	277.98	248.72	200.52	158.77
314.24	296.15	276.90	247.78	200.53	158.79	48	315.85	297.59	278.10	248.72	201.73	160.42
315.32	296.70	277.00	247.78	201.66	160.35	47	316.91	298.13	278.19	248.72	202.85	161.96
316.33	297.20	277.06	247.78	202.71	161.81	46	317.90	298.61	278.24	248.72	203.89	163.39
317.26	297.64	277.10	247.78	203.69	163.18	45	318.81	299.04	278.26	248.72	204.86	164.74
318.13	298.04	277.11	247.78	204.61	164.47	44	319.67	299.42	278.26	248.72	205.76	166.00
318.95	298.40	277.10	247.78	205.47	165.68	43	320.46	299.76	278.24	248.72	206.61	167.19
319.71	298.71	277.07	247.78	206.28	166.83	42	321.21	300.06	278.20	248.72	207.41	168.31
320.43	299.00	277.03	247.78	207.03	167.91	41	321.91	300.34	278.15	248.72	208.16	169.37
321.11	299.26	276.98	247.78	207.75	168.93	40	322.57	300.58	278.09	248.72	208.87	170.38
321.74	299.49	276.92	247.78	208.42	169.90	39	323.20	300.80	278.02	248.72	209.53	171.33
322.35	299.69	276.85	247.78	209.05	170.82	38	323.78	300.99	277.94	248.72	210.16	172.23
322.92	299.88	276.77	247.78	209.65	171.70	37	324.34	301.16	277.86	248.72	210.75	173.09
323.46	300.05	276.69	247.78	210.22	172.53	36	324.87	301.32	277.77	248.72	211.31	173.91
323.98	300.20	276.61	247.78	210.76	173.33	35	325.37	301.46	277.68	248.72	211.84	174.69
324.47	300.34	276.52	247.78	211.27	174.09	34	325.85	301.59	277.58	248.72	212.35	175.43
324.94	300.47	276.43	247.78	211.75	174.81	33	326.31	301.71	277.49	248.72	212.82	176.14
325.39	300.59	276.34	247.78	212.21	175.50	32	326.74	301.81	277.39	248.72	213.28	176.82
325.82	300.69	276.25	247.78	212.64	176.16	31	327.16	301.91	277.29	248.72	213.70	177.47
326.23	300.79	276.16	247.78	213.05	176.80	30	327.56	302.00	277.20	248.72	214.11	178.09
326.63	300.88	276.07	247.78	213.44	177.40	29	327.94	302.08	277.10	248.72	214.50	178.68
327.01	300.97	275.98	247.78	213.81	177.98	28	328.31	302.15	277.01	248.72	214.87	179.25
327.37	301.05	275.90	247.78	214.16	178.53	27	328.66	302.22	276.92	248.72	215.21	179.79
327.72	301.12	275.82	247.78	214.50	179.06	26	329.00	302.29	276.83	248.72	215.54	180.31
328.06	301.20	275.74	247.78	214.82	179.57	25	329.33	302.35	276.75	248.72	215.86	180.81
328.39	301.26	275.66	247.78	215.12	180.06	24	329.65	302.41	276.67	248.72	216.16	181.28
328.71	301.33	275.59	247.78	215.40	180.53	23	329.96	302.47	276.59	248.72	216.44	181.74
329.01	301.40	275.51	247.78	215.67	180.97	22	330.25	302.53	276.52	248.72	216.71	182.18
329.31	301.46	275.45	247.78	215.93	181.40	21	330.54	302.59	276.45	248.72	216.96	182.59
329.60	301.53	275.39	247.78	216.17	181.81	20	330.82	302.64	276.38	248.72	217.20	183.00
329.88	301.59	275.33	247.78	216.40	182.20	19	331.09	302.70	276.32	248.72	217.43	183.38
330.15	301.66	275.27	247.78	216.62	182.58	18	331.35	302.76	276.26	248.72	217.64	183.75
330.42	301.72	275.22	247.78	216.83	182.93	17	331.61	302.82	276.21	248.72	217.85	184.10
330.67	301.79	275.18	247.78	217.02	183.28	16	331.85	302.88	276.16	248.72	218.04	184.43
330.92	301.86	275.14	247.78	217.20	183.60	15	332.10	302.94	276.12	248.72	218.22	184.75
331.17	301.93	275.10	247.78	217.37	183.92	14	332.33	303.01	276.08	248.72	218.39	185.06
331.41	302.01	275.07	247.78	217.53	184.22	13	332.56	303.08	276.04	248.72	218.55	185.35
331.64	302.08	275.05	247.78	217.68	184.50	12	332.79	303.15	276.02	248.72	218.70	185.63
331.87	302.16	275.02	247.78	217.83	184.77	11	333.01	303.22	275.99	248.72	218.83	185.89
332.09	302.25	275.01	247.78	217.96	185.03	10	333.22	303.30	275.98	248.72	218.96	186.14
332.31	302.33	275.00	247.78	218.08	185.27	9	333.43	303.38	275.96	248.72	219.08	186.38
332.52	302.42	274.99	247.78	218.19	185.51	8	333.64	303.46	275.96	248.72	219.19	186.61
332.74	302.52	275.00	247.78	218.29	185.73	7	333.84	303.55	275.95	248.72	219.29	186.82
332.94	302.62	275.00	247.78	218.38	185.94	6	334.04	303.65	275.96	248.72	219.38	187.02
333.14	302.72	275.01	247.78	218.47	186.13	5	334.24	303.75	275.97	248.72	219.47	187.22
333.34	302.83	275.03	247.78	218.54	186.32	4	334.43	303.85	275.98	248.72	219.54	187.40
333.54	302.94	275.05	247.78	218.61	186.49	3	334.62	303.96	276.00	248.72	219.61	187.56
333.73	303.06	275.08	247.78	218.67	186.66	2	334.81	304.07	276.03	248.72	219.67	187.72
333.92	303.19	275.12	247.78	218.72	186.81	1	334.99	304.19	276.07	248.72	219.72	187.87
334.11	303.31	275.16	247.78	218.76	186.95	0	335.17	304.31	276.11	248.72	219.76	188.01

248° Sternzeit 16h32min						249° Sternzeit 16h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
275.29	269.88	263.78	249.66	148.77	104.18	64	276.46	271.00	264.84	250.60	150.12	105.43
280.52	273.87	266.40	249.66	158.45	111.35	63	281.89	275.14	267.56	250.60	159.92	112.85
285.26	277.43	268.67	249.66	165.87	117.83	62	286.78	278.83	269.91	250.60	167.37	119.51
289.50	280.59	270.62	249.66	171.76	123.62	61	291.14	282.07	271.91	250.60	173.26	125.43
293.30	283.36	272.27	249.66	176.57	128.79	60	295.01	284.90	273.60	250.60	178.05	130.67
296.69	285.79	273.66	249.66	180.59	133.39	59	298.45	287.38	275.01	250.60	182.06	135.31
299.71	287.93	274.83	249.66	184.03	137.49	58	301.50	289.53	276.18	250.60	185.46	139.43
302.41	289.79	275.80	249.66	187.00	141.16	57	304.22	291.41	277.15	250.60	188.41	143.09
304.83	291.43	276.60	249.66	189.60	144.45	56	306.64	293.04	277.95	250.60	190.98	146.37
307.00	292.86	277.26	249.66	191.91	147.41	55	308.80	294.47	278.59	250.60	193.26	149.31
308.96	294.11	277.80	249.66	193.97	150.10	54	310.75	295.71	279.12	250.60	195.30	151.97
310.73	295.22	278.23	249.66	195.83	152.54	53	312.50	296.80	279.54	250.60	197.14	154.38
312.33	296.19	278.57	249.66	197.51	154.77	52	314.09	297.76	279.86	250.60	198.80	156.58
313.80	297.05	278.85	249.66	199.04	156.82	51	315.53	298.59	280.12	250.60	200.31	158.59
315.13	297.80	279.05	249.66	200.45	158.71	50	316.84	299.33	280.31	250.60	201.70	160.45
316.36	298.47	279.21	249.66	201.74	160.45	49	318.05	299.98	280.45	250.60	202.97	162.16
317.49	299.06	279.32	249.66	202.93	162.07	48	319.15	300.55	280.54	250.60	204.15	163.75
318.53	299.58	279.39	249.66	204.04	163.58	47	320.17	301.05	280.60	250.60	205.24	165.23
319.49	300.04	279.42	249.66	205.07	164.99	46	321.12	301.50	280.62	250.60	206.26	166.60
320.39	300.45	279.43	249.66	206.03	166.31	45	321.99	301.89	280.62	250.60	207.20	167.90
321.22	300.82	279.42	249.66	206.92	167.55	44	322.80	302.23	280.59	250.60	208.09	169.11
322.00	301.14	279.39	249.66	207.76	168.71	43	323.56	302.54	280.54	250.60	208.91	170.25
322.73	301.43	279.34	249.66	208.55	169.81	42	324.27	302.81	280.49	250.60	209.69	171.32
323.41	301.69	279.28	249.66	209.29	170.85	41	324.93	303.05	280.41	250.60	210.42	172.34
324.06	301.91	279.21	249.66	209.99	171.83	40	325.56	303.26	280.33	250.60	211.11	173.30
324.66	302.12	279.13	249.66	210.64	172.76	39	326.15	303.45	280.24	250.60	211.76	174.21
325.24	302.30	279.04	249.66	211.26	173.65	38	326.70	303.62	280.14	250.60	212.37	175.08
325.78	302.46	278.95	249.66	211.85	174.49	37	327.22	303.76	280.04	250.60	212.95	175.90
326.29	302.60	278.85	249.66	212.40	175.29	36	327.72	303.89	279.93	250.60	213.50	176.68
326.78	302.73	278.75	249.66	212.93	176.05	35	328.19	304.01	279.83	250.60	214.02	177.43
327.24	302.85	278.65	249.66	213.43	176.78	34	328.64	304.11	279.72	250.60	214.51	178.14
327.68	302.95	278.55	249.66	213.90	177.48	33	329.07	304.20	279.61	250.60	214.97	178.82
328.10	303.04	278.44	249.66	214.35	178.14	32	329.48	304.28	279.50	250.60	215.42	179.47
328.51	303.13	278.34	249.66	214.77	178.77	31	329.87	304.36	279.39	250.60	215.84	180.09
328.89	303.21	278.24	249.66	215.17	179.38	30	330.24	304.42	279.28	250.60	216.23	180.68
329.26	303.28	278.14	249.66	215.56	179.96	29	330.60	304.48	279.17	250.60	216.61	181.25
329.62	303.34	278.04	249.66	215.92	180.51	28	330.94	304.54	279.07	250.60	216.97	181.79
329.96	303.40	277.95	249.66	216.26	181.05	27	331.27	304.59	278.97	250.60	217.31	182.31
330.29	303.46	277.85	249.66	216.59	181.55	26	331.59	304.64	278.87	250.60	217.63	182.81
330.61	303.52	277.76	249.66	216.90	182.04	25	331.89	304.68	278.78	250.60	217.94	183.28
330.91	303.57	277.68	249.66	217.20	182.51	24	332.19	304.73	278.69	250.60	218.23	183.74
331.21	303.62	277.60	249.66	217.48	182.95	23	332.47	304.77	278.60	250.60	218.51	184.17
331.50	303.67	277.52	249.66	217.74	183.38	22	332.75	304.81	278.52	250.60	218.77	184.59
331.77	303.72	277.44	249.66	217.99	183.79	21	333.01	304.85	278.44	250.60	219.02	184.99
332.04	303.77	277.37	249.66	218.23	184.18	20	333.27	304.89	278.37	250.60	219.26	185.37
332.30	303.82	277.31	249.66	218.45	184.56	19	333.52	304.93	278.30	250.60	219.48	185.74
332.56	303.87	277.25	249.66	218.67	184.92	18	333.76	304.98	278.24	250.60	219.69	186.09
332.80	303.92	277.19	249.66	218.87	185.26	17	334.00	305.02	278.18	250.60	219.89	186.43
333.04	303.97	277.14	249.66	219.06	185.59	16	334.23	305.07	278.12	250.60	220.07	186.75
333.27	304.03	277.10	249.66	219.23	185.90	15	334.46	305.12	278.07	250.60	220.25	187.05
333.50	304.09	277.05	249.66	219.40	186.20	14	334.67	305.17	278.03	250.60	220.41	187.34
333.72	304.15	277.02	249.66	219.56	186.48	13	334.89	305.23	277.99	250.60	220.57	187.62
333.94	304.21	276.99	249.66	219.71	186.75	12	335.10	305.28	277.96	250.60	220.71	187.88
334.15	304.28	276.96	249.66	219.84	187.01	11	335.30	305.35	277.93	250.60	220.85	188.13
334.36	304.35	276.94	249.66	219.97	187.26	10	335.50	305.41	277.91	250.60	220.97	188.37
334.56	304.43	276.93	249.66	220.09	187.49	9	335.69	305.48	277.89	250.60	221.09	188.60
334.76	304.51	276.92	249.66	220.19	187.71	8	335.88	305.55	277.88	250.60	221.19	188.81
334.96	304.59	276.91	249.66	220.29	187.92	7	336.07	305.63	277.87	250.60	221.29	189.01
335.15	304.68	276.92	249.66	220.38	188.11	6	336.26	305.71	277.87	250.60	221.38	189.20
335.34	304.77	276.92	249.66	220.46	188.30	5	336.44	305.80	277.88	250.60	221.46	189.38
335.52	304.87	276.94	249.66	220.54	188.47	4	336.61	305.89	277.89	250.60	221.53	189.55
335.70	304.97	276.96	249.66	220.60	188.64	3	336.79	305.99	277.91	250.60	221.59	189.71
335.88	305.08	276.98	249.66	220.66	188.79	2	336.96	306.09	277.93	250.60	221.65	189.85
336.06	305.20	277.01	249.66	220.71	188.93	1	337.13	306.20	277.96	250.60	221.70	189.99
336.23	305.31	277.05	249.66	220.75	189.06	0	337.29	306.32	278.00	250.60	221.73	190.12

250° Sternzeit 16h40min						251° Sternzeit 16h44min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
277.69	272.16	265.93	251.54	151.54	106.76	64	278.99	273.39	267.06	252.47	153.05	108.18
283.33	276.48	268.77	251.54	161.45	114.44	63	284.86	277.88	270.02	252.47	163.06	116.15
288.38	280.29	271.20	251.54	168.93	121.29	62	290.08	281.82	272.53	252.47	170.55	123.18
292.86	283.62	273.25	251.54	174.81	127.33	61	294.67	285.24	274.64	252.47	176.41	129.34
296.81	286.51	274.97	251.54	179.58	132.65	60	298.69	288.19	276.39	252.47	181.15	134.72
300.29	289.02	276.40	251.54	183.55	137.32	59	302.21	290.73	277.83	252.47	185.09	139.41
303.37	291.19	277.57	251.54	186.93	141.44	58	305.31	292.92	279.00	252.47	188.43	143.53
306.09	293.07	278.54	251.54	189.84	145.09	57	308.03	294.80	279.96	252.47	191.31	147.17
308.50	294.70	279.32	251.54	192.39	148.35	56	310.44	296.42	280.73	252.47	193.82	150.39
310.66	296.12	279.96	251.54	194.64	151.26	55	312.57	297.82	281.34	252.47	196.04	153.26
312.59	297.35	280.46	251.54	196.65	153.88	54	314.48	299.03	281.83	252.47	198.02	155.85
314.32	298.42	280.86	251.54	198.46	156.26	53	316.19	300.08	282.21	252.47	199.80	158.18
315.88	299.36	281.17	251.54	200.10	158.42	52	317.72	300.99	282.50	252.47	201.41	160.30
317.30	300.17	281.41	251.54	201.59	160.40	51	319.11	301.79	282.71	252.47	202.88	162.23
318.59	300.89	281.58	251.54	202.96	162.22	50	320.37	302.48	282.87	252.47	204.23	164.01
319.77	301.51	281.70	251.54	204.21	163.89	49	321.52	303.08	282.97	252.47	205.46	165.65
320.85	302.06	281.78	251.54	205.37	165.45	48	322.58	303.60	283.02	252.47	206.61	167.17
321.85	302.55	281.81	251.54	206.45	166.89	47	323.54	304.06	283.04	252.47	207.66	168.58
322.76	302.97	281.82	251.54	207.45	168.24	46	324.44	304.46	283.04	252.47	208.65	169.89
323.61	303.34	281.80	251.54	208.38	169.50	45	325.26	304.81	283.00	252.47	209.57	171.12
324.40	303.67	281.76	251.54	209.25	170.68	44	326.03	305.12	282.95	252.47	210.43	172.28
325.14	303.96	281.71	251.54	210.07	171.80	43	326.74	305.39	282.87	252.47	211.23	173.36
325.83	304.21	281.63	251.54	210.84	172.85	42	327.40	305.62	282.79	252.47	211.99	174.39
326.47	304.43	281.55	251.54	211.56	173.84	41	328.02	305.82	282.69	252.47	212.70	175.35
327.07	304.62	281.46	251.54	212.24	174.78	40	328.61	306.00	282.59	252.47	213.37	176.27
327.64	304.80	281.35	251.54	212.88	175.67	39	329.16	306.15	282.47	252.47	214.00	177.13
328.18	304.95	281.25	251.54	213.48	176.51	38	329.67	306.29	282.36	252.47	214.59	177.96
328.69	305.08	281.14	251.54	214.05	177.32	37	330.16	306.40	282.24	252.47	215.16	178.74
329.17	305.19	281.02	251.54	214.59	178.08	36	330.62	306.50	282.11	252.47	215.69	179.49
329.62	305.30	280.91	251.54	215.11	178.81	35	331.06	306.59	281.99	252.47	216.19	180.20
330.05	305.38	280.79	251.54	215.59	179.50	34	331.48	306.67	281.86	252.47	216.67	180.87
330.46	305.46	280.67	251.54	216.05	180.17	33	331.87	306.73	281.74	252.47	217.13	181.52
330.86	305.53	280.55	251.54	216.49	180.80	32	332.25	306.79	281.61	252.47	217.56	182.14
331.23	305.59	280.44	251.54	216.90	181.40	31	332.61	306.84	281.49	252.47	217.97	182.73
331.59	305.65	280.32	251.54	217.29	181.98	30	332.95	306.88	281.37	252.47	218.36	183.29
331.94	305.70	280.21	251.54	217.67	182.54	29	333.28	306.92	281.25	252.47	218.72	183.83
332.27	305.74	280.10	251.54	218.02	183.07	28	333.60	306.95	281.14	252.47	219.07	184.35
332.58	305.78	280.00	251.54	218.36	183.57	27	333.90	306.98	281.03	252.47	219.41	184.84
332.89	305.82	279.90	251.54	218.68	184.06	26	334.20	307.01	280.92	252.47	219.72	185.32
333.18	305.86	279.80	251.54	218.98	184.52	25	334.48	307.04	280.81	252.47	220.02	185.77
333.46	305.89	279.70	251.54	219.27	184.97	24	334.75	307.06	280.71	252.47	220.31	186.20
333.74	305.92	279.61	251.54	219.54	185.40	23	335.01	307.09	280.62	252.47	220.58	186.62
334.00	305.96	279.52	251.54	219.80	185.80	22	335.26	307.11	280.53	252.47	220.83	187.02
334.26	305.99	279.44	251.54	220.05	186.19	21	335.51	307.13	280.44	252.47	221.07	187.40
334.51	306.02	279.37	251.54	220.28	186.57	20	335.75	307.16	280.36	252.47	221.30	187.76
334.75	306.06	279.29	251.54	220.50	186.93	19	335.98	307.18	280.29	252.47	221.52	188.11
334.98	306.09	279.23	251.54	220.71	187.27	18	336.20	307.21	280.21	252.47	221.73	188.44
335.21	306.13	279.16	251.54	220.90	187.59	17	336.42	307.24	280.15	252.47	221.92	188.76
335.43	306.17	279.11	251.54	221.09	187.90	16	336.63	307.27	280.09	252.47	222.10	189.06
335.64	306.21	279.05	251.54	221.26	188.20	15	336.83	307.31	280.03	252.47	222.27	189.35
335.85	306.26	279.01	251.54	221.42	188.48	14	337.03	307.35	279.98	252.47	222.43	189.63
336.06	306.31	278.96	251.54	221.58	188.75	13	337.23	307.39	279.94	252.47	222.58	189.89
336.26	306.36	278.93	251.54	221.72	189.01	12	337.42	307.43	279.90	252.47	222.72	190.14
336.45	306.41	278.90	251.54	221.85	189.25	11	337.60	307.48	279.87	252.47	222.85	190.38
336.64	306.47	278.87	251.54	221.97	189.49	10	337.79	307.53	279.84	252.47	222.97	190.60
336.83	306.53	278.85	251.54	222.09	189.71	9	337.97	307.59	279.82	252.47	223.09	190.82
337.01	306.60	278.84	251.54	222.19	189.91	8	338.14	307.65	279.80	252.47	223.19	191.02
337.19	306.67	278.83	251.54	222.29	190.11	7	338.31	307.72	279.79	252.47	223.28	191.21
337.37	306.75	278.83	251.54	222.37	190.29	6	338.48	307.79	279.79	252.47	223.37	191.38
337.54	306.83	278.83	251.54	222.45	190.47	5	338.64	307.87	279.79	252.47	223.44	191.55
337.71	306.92	278.84	251.54	222.52	190.63	4	338.81	307.95	279.79	252.47	223.51	191.71
337.87	307.01	278.86	251.54	222.58	190.78	3	338.96	308.04	279.81	252.47	223.57	191.85
338.04	307.11	278.88	251.54	222.64	190.92	2	339.12	308.13	279.83	252.47	223.62	191.99
338.20	307.21	278.91	251.54	222.68	191.05	1	339.28	308.23	279.85	252.47	223.67	192.11
338.36	307.32	278.94	251.54	222.72	191.17	0	339.43	308.33	279.89	252.47	223.70	192.23

252°		Sternzeit				16h48min	253°	Sternzeit				16h52min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
280.38	274.68	268.24	253.40	154.65	109.71	64	281.86	276.04	269.47	254.33	156.36	111.36
286.49	279.36	271.32	253.40	164.75	117.97	63	288.23	280.93	272.68	254.33	166.52	119.93
291.88	283.44	273.92	253.40	172.24	125.20	62	293.79	285.14	275.37	254.33	174.00	127.35
296.58	286.95	276.08	253.40	178.07	131.47	61	298.60	288.74	277.58	254.33	179.79	133.72
300.67	289.95	277.85	253.40	182.77	136.89	60	302.75	291.79	279.37	254.33	184.44	139.18
304.23	292.52	279.30	253.40	186.67	141.60	59	306.33	294.38	280.82	254.33	188.29	143.89
307.33	294.71	280.47	253.40	189.96	145.71	58	309.44	296.57	281.98	254.33	191.54	147.97
310.05	296.59	281.41	253.40	192.80	149.31	57	312.14	298.43	282.90	254.33	194.33	151.53
312.44	298.19	282.16	253.40	195.28	152.49	56	314.50	300.02	283.63	254.33	196.76	154.66
314.55	299.57	282.76	253.40	197.46	155.32	55	316.58	301.37	284.20	254.33	198.91	157.43
316.42	300.76	283.22	253.40	199.41	157.86	54	318.42	302.53	284.64	254.33	200.82	159.91
318.10	301.78	283.58	253.40	201.16	160.14	53	320.06	303.52	284.96	254.33	202.54	162.14
319.60	302.67	283.84	253.40	202.74	162.21	52	321.53	304.38	285.20	254.33	204.09	164.16
320.96	303.43	284.03	253.40	204.19	164.10	51	322.85	305.11	285.37	254.33	205.51	166.00
322.19	304.09	284.16	253.40	205.51	165.84	50	324.04	305.74	285.48	254.33	206.80	167.69
323.31	304.67	284.24	253.40	206.72	167.43	49	325.13	306.29	285.53	254.33	208.00	169.24
324.33	305.17	284.28	253.40	207.85	168.91	48	326.12	306.76	285.55	254.33	209.10	170.68
325.27	305.60	284.28	253.40	208.89	170.28	47	327.02	307.16	285.53	254.33	210.12	172.01
326.13	305.98	284.26	253.40	209.86	171.56	46	327.85	307.51	285.49	254.33	211.07	173.25
326.93	306.30	284.21	253.40	210.76	172.76	45	328.62	307.81	285.42	254.33	211.96	174.42
327.67	306.59	284.13	253.40	211.60	173.88	44	329.33	308.07	285.33	254.33	212.79	175.51
328.35	306.83	284.05	253.40	212.40	174.94	43	329.99	308.30	285.23	254.33	213.57	176.53
329.00	307.05	283.95	253.40	213.14	175.94	42	330.61	308.49	285.11	254.33	214.30	177.50
329.59	307.23	283.84	253.40	213.84	176.88	41	331.18	308.65	284.99	254.33	214.98	178.41
330.15	307.39	283.72	253.40	214.50	177.77	40	331.72	308.79	284.86	254.33	215.63	179.27
330.68	307.52	283.60	253.40	215.12	178.61	39	332.22	308.91	284.72	254.33	216.24	180.09
331.18	307.64	283.47	253.40	215.71	179.41	38	332.70	309.00	284.59	254.33	216.82	180.87
331.65	307.74	283.34	253.40	216.26	180.17	37	333.15	309.09	284.44	254.33	217.37	181.61
332.09	307.82	283.20	253.40	216.79	180.90	36	333.57	309.16	284.30	254.33	217.89	182.32
332.51	307.90	283.07	253.40	217.29	181.59	35	333.97	309.21	284.16	254.33	218.38	182.99
332.91	307.96	282.94	253.40	217.76	182.25	34	334.35	309.26	284.01	254.33	218.84	183.63
333.29	308.01	282.80	253.40	218.21	182.88	33	334.71	309.30	283.87	254.33	219.28	184.24
333.65	308.05	282.67	253.40	218.63	183.48	32	335.06	309.33	283.73	254.33	219.70	184.83
333.99	308.09	282.54	253.40	219.03	184.06	31	335.39	309.35	283.60	254.33	220.10	185.39
334.32	308.12	282.42	253.40	219.42	184.61	30	335.70	309.37	283.46	254.33	220.48	185.92
334.64	308.15	282.29	253.40	219.78	185.13	29	336.00	309.38	283.33	254.33	220.84	186.43
334.94	308.17	282.17	253.40	220.13	185.63	28	336.29	309.39	283.21	254.33	221.18	186.92
335.23	308.19	282.05	253.40	220.45	186.12	27	336.57	309.40	283.08	254.33	221.50	187.39
335.51	308.21	281.94	253.40	220.77	186.58	26	336.83	309.41	282.97	254.33	221.81	187.84
335.78	308.22	281.83	253.40	221.06	187.02	25	337.09	309.41	282.85	254.33	222.10	188.27
336.04	308.24	281.73	253.40	221.34	187.44	24	337.34	309.42	282.74	254.33	222.38	188.68
336.29	308.25	281.63	253.40	221.61	187.85	23	337.57	309.42	282.64	254.33	222.64	189.08
336.53	308.27	281.53	253.40	221.86	188.23	22	337.80	309.43	282.54	254.33	222.89	189.45
336.76	308.28	281.44	253.40	222.10	188.61	21	338.03	309.43	282.45	254.33	223.13	189.81
336.99	308.30	281.36	253.40	222.33	188.96	20	338.24	309.44	282.36	254.33	223.35	190.16
337.21	308.31	281.28	253.40	222.54	189.30	19	338.45	309.45	282.27	254.33	223.56	190.49
337.42	308.33	281.20	253.40	222.74	189.62	18	338.65	309.46	282.19	254.33	223.76	190.80
337.63	308.36	281.14	253.40	222.93	189.93	17	338.85	309.47	282.12	254.33	223.95	191.10
337.83	308.38	281.07	253.40	223.11	190.23	16	339.04	309.49	282.06	254.33	224.12	191.39
338.03	308.41	281.01	253.40	223.28	190.51	15	339.23	309.51	281.99	254.33	224.29	191.66
338.22	308.44	280.96	253.40	223.44	190.78	14	339.41	309.54	281.94	254.33	224.45	191.92
338.40	308.47	280.91	253.40	223.59	191.03	13	339.58	309.56	281.89	254.33	224.59	192.17
338.59	308.51	280.87	253.40	223.73	191.27	12	339.76	309.59	281.84	254.33	224.73	192.40
338.76	308.55	280.84	253.40	223.85	191.50	11	339.92	309.63	281.80	254.33	224.85	192.63
338.94	308.60	280.81	253.40	223.97	191.72	10	340.09	309.67	281.77	254.33	224.97	192.84
339.11	308.65	280.78	253.40	224.08	191.92	9	340.25	309.71	281.74	254.33	225.08	193.04
339.27	308.71	280.76	253.40	224.18	192.12	8	340.41	309.76	281.72	254.33	225.18	193.22
339.43	308.77	280.75	253.40	224.28	192.30	7	340.56	309.82	281.71	254.33	225.27	193.40
339.59	308.83	280.74	253.40	224.36	192.47	6	340.71	309.88	281.70	254.33	225.35	193.56
339.75	308.90	280.74	253.40	224.43	192.63	5	340.86	309.94	281.70	254.33	225.42	193.72
339.91	308.98	280.75	253.40	224.50	192.79	4	341.01	310.01	281.70	254.33	225.49	193.86
340.06	309.06	280.76	253.40	224.56	192.93	3	341.15	310.09	281.71	254.33	225.54	194.00
340.21	309.15	280.78	253.40	224.61	193.05	2	341.29	310.17	281.73	254.33	225.59	194.12
340.35	309.24	280.80	253.40	224.65	193.17	1	341.43	310.26	281.75	254.33	225.63	194.24
340.50	309.34	280.83	253.40	224.69	193.28	0	341.57	310.35	281.78	254.33	225.67	194.34

254°		Sternzeit			16h56min		255°		Sternzeit			17h 0min	
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
283.46	277.50	270.76	255.26	158.18	113.15	64	285.18	279.06	272.12	256.19	160.13	115.11	
290.10	282.60	274.12	255.26	168.38	122.04	63	292.11	284.39	275.63	256.19	170.35	124.33	
295.83	286.96	276.89	255.26	175.83	129.64	62	298.02	288.88	278.48	256.19	177.76	132.10	
300.74	290.63	279.14	255.26	181.57	136.10	61	303.02	292.64	280.77	256.19	183.43	138.63	
304.94	293.73	280.95	255.26	186.17	141.59	60	307.26	295.76	282.59	256.19	187.96	144.12	
308.54	296.32	282.39	255.26	189.96	146.28	59	310.86	298.36	284.02	256.19	191.68	148.77	
311.63	298.51	283.53	255.26	193.15	150.31	58	313.93	300.52	285.13	256.19	194.81	152.75	
314.31	300.35	284.43	255.26	195.89	153.82	57	316.57	302.33	286.00	256.19	197.49	156.18	
316.64	301.91	285.13	255.26	198.28	156.89	56	318.85	303.85	286.67	256.19	199.82	159.18	
318.68	303.23	285.67	255.26	200.38	159.60	55	320.84	305.13	287.17	256.19	201.87	161.82	
320.48	304.35	286.08	255.26	202.25	162.02	54	322.59	306.21	287.54	256.19	203.70	164.17	
322.08	305.30	286.37	255.26	203.93	164.19	53	324.14	307.13	287.81	256.19	205.35	166.27	
323.50	306.12	286.59	255.26	205.45	166.15	52	325.52	307.91	287.99	256.19	206.83	168.17	
324.78	306.82	286.72	255.26	206.84	167.94	51	326.75	308.57	288.09	256.19	208.19	169.90	
325.93	307.42	286.81	255.26	208.11	169.57	50	327.86	309.13	288.15	256.19	209.43	171.48	
326.98	307.93	286.84	255.26	209.28	171.07	49	328.86	309.60	288.15	256.19	210.57	172.93	
327.93	308.37	286.83	255.26	210.36	172.46	48	329.77	310.01	288.12	256.19	211.63	174.27	
328.80	308.75	286.79	255.26	211.36	173.76	47	330.60	310.35	288.06	256.19	212.61	175.52	
329.60	309.07	286.72	255.26	212.29	174.96	46	331.37	310.65	287.97	256.19	213.52	176.68	
330.33	309.34	286.64	255.26	213.16	176.08	45	332.07	310.89	287.86	256.19	214.37	177.77	
331.02	309.58	286.53	255.26	213.98	177.14	44	332.72	311.10	287.74	256.19	215.17	178.79	
331.65	309.78	286.41	255.26	214.74	178.13	43	333.32	311.27	287.60	256.19	215.92	179.75	
332.23	309.94	286.28	255.26	215.46	179.07	42	333.88	311.41	287.46	256.19	216.62	180.65	
332.78	310.08	286.15	255.26	216.13	179.95	41	334.40	311.53	287.31	256.19	217.29	181.51	
333.30	310.20	286.00	255.26	216.77	180.79	40	334.89	311.63	287.15	256.19	217.91	182.32	
333.78	310.30	285.86	255.26	217.37	181.59	39	335.35	311.71	286.99	256.19	218.50	183.09	
334.23	310.38	285.70	255.26	217.94	182.34	38	335.78	311.77	286.83	256.19	219.06	183.82	
334.66	310.44	285.55	255.26	218.48	183.06	37	336.18	311.81	286.66	256.19	219.59	184.51	
335.06	310.50	285.40	255.26	218.99	183.74	36	336.56	311.85	286.50	256.19	220.09	185.17	
335.44	310.54	285.25	255.26	219.47	184.40	35	336.92	311.87	286.34	256.19	220.56	185.81	
335.80	310.57	285.09	255.26	219.93	185.02	34	337.27	311.88	286.18	256.19	221.02	186.41	
336.15	310.59	284.94	255.26	220.36	185.61	33	337.59	311.89	286.02	256.19	221.44	186.99	
336.48	310.60	284.80	255.26	220.78	186.18	32	337.90	311.89	285.86	256.19	221.85	187.54	
336.79	310.61	284.65	255.26	221.17	186.72	31	338.20	311.89	285.71	256.19	222.24	188.06	
337.09	310.62	284.51	255.26	221.54	187.24	30	338.48	311.88	285.56	256.19	222.60	188.57	
337.37	310.62	284.38	255.26	221.89	187.74	29	338.75	311.87	285.42	256.19	222.95	189.05	
337.65	310.62	284.24	255.26	222.23	188.22	28	339.01	311.85	285.28	256.19	223.28	189.51	
337.91	310.62	284.12	255.26	222.55	188.67	27	339.26	311.84	285.15	256.19	223.60	189.95	
338.16	310.61	283.99	255.26	222.85	189.11	26	339.49	311.82	285.02	256.19	223.89	190.37	
338.40	310.61	283.87	255.26	223.14	189.52	25	339.72	311.81	284.89	256.19	224.18	190.78	
338.64	310.60	283.76	255.26	223.41	189.92	24	339.94	311.79	284.77	256.19	224.45	191.17	
338.86	310.60	283.65	255.26	223.67	190.31	23	340.16	311.77	284.66	256.19	224.70	191.54	
339.08	310.59	283.55	255.26	223.92	190.67	22	340.36	311.76	284.55	256.19	224.94	191.89	
339.29	310.59	283.45	255.26	224.15	191.02	21	340.56	311.75	284.45	256.19	225.17	192.23	
339.49	310.59	283.35	255.26	224.37	191.36	20	340.75	311.74	284.35	256.19	225.39	192.56	
339.69	310.59	283.27	255.26	224.58	191.68	19	340.94	311.73	284.26	256.19	225.59	192.87	
339.88	310.59	283.19	255.26	224.77	191.98	18	341.12	311.72	284.18	256.19	225.79	193.16	
340.07	310.60	283.11	255.26	224.96	192.27	17	341.30	311.72	284.10	256.19	225.97	193.45	
340.25	310.61	283.04	255.26	225.13	192.55	16	341.47	311.72	284.02	256.19	226.14	193.72	
340.43	310.62	282.97	255.26	225.30	192.82	15	341.63	311.73	283.96	256.19	226.30	193.97	
340.60	310.64	282.92	255.26	225.45	193.07	14	341.79	311.74	283.89	256.19	226.45	194.22	
340.77	310.66	282.86	255.26	225.59	193.31	13	341.95	311.75	283.84	256.19	226.60	194.45	
340.93	310.68	282.82	255.26	225.73	193.54	12	342.11	311.77	283.79	256.19	226.73	194.67	
341.09	310.71	282.77	255.26	225.85	193.75	11	342.26	311.79	283.74	256.19	226.85	194.87	
341.24	310.74	282.74	255.26	225.97	193.95	10	342.40	311.82	283.71	256.19	226.96	195.07	
341.40	310.78	282.71	255.26	226.07	194.15	9	342.54	311.85	283.67	256.19	227.07	195.26	
341.54	310.82	282.69	255.26	226.17	194.33	8	342.69	311.88	283.65	256.19	227.16	195.43	
341.69	310.87	282.67	255.26	226.26	194.50	7	342.82	311.93	283.63	256.19	227.25	195.59	
341.83	310.92	282.66	255.26	226.34	194.66	6	342.96	311.97	283.61	256.19	227.33	195.75	
341.97	310.98	282.65	255.26	226.41	194.80	5	343.09	312.03	283.61	256.19	227.39	195.89	
342.11	311.05	282.65	255.26	226.47	194.94	4	343.22	312.08	283.61	256.19	227.46	196.02	
342.25	311.12	282.66	255.26	226.53	195.07	3	343.35	312.15	283.61	256.19	227.51	196.14	
342.38	311.19	282.67	255.26	226.57	195.19	2	343.47	312.22	283.62	256.19	227.55	196.25	
342.51	311.28	282.69	255.26	226.61	195.30	1	343.60	312.30	283.64	256.19	227.59	196.36	
342.64	311.36	282.72	255.26	226.64	195.39	0	343.72	312.38	283.67	256.19	227.62	196.45	

256° Sternzeit 17h 4min						257° Sternzeit 17h 8min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
287.06	280.74	273.57	257.12	162.22	117.26	64	289.12	282.57	275.11	258.04	164.48	119.63
294.28	286.31	277.23	257.12	172.44	126.81	63	296.65	288.38	278.93	258.04	174.64	129.51
300.36	290.94	280.16	257.12	179.77	134.74	62	302.89	293.15	281.94	258.04	181.89	137.58
305.45	294.76	282.48	257.12	185.36	141.32	61	308.04	297.02	284.27	258.04	187.38	144.17
309.71	297.90	284.29	257.12	189.81	146.78	60	312.29	300.16	286.07	258.04	191.72	149.59
313.29	300.49	285.70	257.12	193.45	151.38	59	315.83	302.72	287.44	258.04	195.28	154.09
316.32	302.62	286.78	257.12	196.51	155.28	58	318.81	304.81	288.48	258.04	198.25	157.89
318.91	304.39	287.61	257.12	199.12	158.63	57	321.33	306.52	289.27	258.04	200.80	161.14
321.13	305.86	288.24	257.12	201.40	161.54	56	323.49	307.94	289.84	258.04	203.00	163.96
323.07	307.10	288.70	257.12	203.40	164.09	55	325.36	309.12	290.26	258.04	204.95	166.42
324.76	308.13	289.03	257.12	205.18	166.36	54	326.98	310.09	290.55	258.04	206.68	168.60
326.25	309.00	289.26	257.12	206.78	168.39	53	328.41	310.91	290.73	258.04	208.23	170.55
327.57	309.73	289.40	257.12	208.23	170.22	52	329.67	311.59	290.84	258.04	209.64	172.31
328.75	310.35	289.48	257.12	209.55	171.89	51	330.80	312.16	290.88	258.04	210.92	173.90
329.81	310.87	289.50	257.12	210.76	173.41	50	331.81	312.64	290.87	258.04	212.10	175.36
330.77	311.30	289.48	257.12	211.87	174.80	49	332.71	313.03	290.82	258.04	213.19	176.70
331.64	311.67	289.42	257.12	212.90	176.10	48	333.54	313.36	290.73	258.04	214.19	177.94
332.43	311.98	289.33	257.12	213.86	177.30	47	334.29	313.64	290.62	258.04	215.13	179.09
333.16	312.24	289.22	257.12	214.75	178.42	46	334.97	313.86	290.48	258.04	216.00	180.17
333.83	312.46	289.10	257.12	215.59	179.46	45	335.60	314.04	290.34	258.04	216.81	181.17
334.44	312.64	288.95	257.12	216.37	180.45	44	336.18	314.19	290.17	258.04	217.57	182.12
335.01	312.78	288.80	257.12	217.10	181.37	43	336.72	314.31	290.00	258.04	218.29	183.01
335.54	312.90	288.64	257.12	217.79	182.24	42	337.22	314.40	289.82	258.04	218.96	183.84
336.03	312.99	288.47	257.12	218.44	183.07	41	337.68	314.47	289.64	258.04	219.60	184.64
336.49	313.07	288.30	257.12	219.05	183.85	40	338.11	314.52	289.45	258.04	220.20	185.39
336.93	313.12	288.13	257.12	219.63	184.59	39	338.52	314.55	289.27	258.04	220.77	186.11
337.33	313.16	287.95	257.12	220.18	185.30	38	338.90	314.57	289.08	258.04	221.31	186.79
337.71	313.19	287.78	257.12	220.70	185.97	37	339.26	314.58	288.89	258.04	221.82	187.43
338.07	313.20	287.60	257.12	221.19	186.61	36	339.60	314.57	288.71	258.04	222.30	188.05
338.42	313.21	287.43	257.12	221.66	187.22	35	339.92	314.56	288.53	258.04	222.76	188.64
338.74	313.21	287.26	257.12	222.10	187.81	34	340.22	314.54	288.35	258.04	223.19	189.20
339.05	313.20	287.09	257.12	222.52	188.36	33	340.51	314.52	288.17	258.04	223.61	189.74
339.34	313.18	286.93	257.12	222.92	188.90	32	340.78	314.49	288.00	258.04	224.00	190.26
339.62	313.17	286.77	257.12	223.30	189.40	31	341.04	314.45	287.83	258.04	224.37	190.75
339.88	313.14	286.62	257.12	223.66	189.89	30	341.29	314.42	287.67	258.04	224.73	191.22
340.13	313.12	286.47	257.12	224.01	190.36	29	341.53	314.38	287.51	258.04	225.06	191.67
340.38	313.09	286.32	257.12	224.33	190.81	28	341.75	314.34	287.36	258.04	225.38	192.11
340.61	313.07	286.18	257.12	224.64	191.24	27	341.97	314.30	287.21	258.04	225.69	192.52
340.83	313.04	286.05	257.12	224.94	191.65	26	342.18	314.26	287.07	258.04	225.98	192.92
341.05	313.01	285.92	257.12	225.21	192.04	25	342.38	314.22	286.94	258.04	226.25	193.30
341.26	312.98	285.79	257.12	225.48	192.41	24	342.57	314.18	286.81	258.04	226.51	193.66
341.46	312.96	285.67	257.12	225.73	192.77	23	342.76	314.15	286.69	258.04	226.76	194.01
341.65	312.93	285.56	257.12	225.97	193.12	22	342.94	314.11	286.57	258.04	226.99	194.34
341.84	312.91	285.45	257.12	226.19	193.45	21	343.12	314.08	286.46	258.04	227.22	194.66
342.02	312.89	285.35	257.12	226.41	193.76	20	343.28	314.05	286.35	258.04	227.43	194.96
342.19	312.88	285.26	257.12	226.61	194.06	19	343.45	314.03	286.25	258.04	227.62	195.25
342.36	312.86	285.17	257.12	226.80	194.35	18	343.61	314.00	286.16	258.04	227.81	195.53
342.53	312.85	285.09	257.12	226.98	194.62	17	343.76	313.98	286.07	258.04	227.99	195.80
342.69	312.84	285.01	257.12	227.15	194.88	16	343.91	313.97	285.99	258.04	228.16	196.05
342.84	312.84	284.94	257.12	227.31	195.13	15	344.05	313.96	285.92	258.04	228.31	196.29
342.99	312.84	284.87	257.12	227.46	195.36	14	344.19	313.95	285.85	258.04	228.46	196.51
343.14	312.85	284.81	257.12	227.59	195.59	13	344.33	313.95	285.79	258.04	228.59	196.73
343.28	312.86	284.76	257.12	227.72	195.80	12	344.47	313.95	285.73	258.04	228.72	196.93
343.42	312.87	284.71	257.12	227.84	196.00	11	344.60	313.96	285.68	258.04	228.84	197.13
343.56	312.89	284.67	257.12	227.95	196.19	10	344.73	313.97	285.64	258.04	228.95	197.31
343.70	312.92	284.64	257.12	228.06	196.37	9	344.85	313.99	285.60	258.04	229.05	197.48
343.83	312.95	284.61	257.12	228.15	196.53	8	344.97	314.01	285.57	258.04	229.14	197.64
343.96	312.98	284.59	257.12	228.23	196.69	7	345.09	314.04	285.55	258.04	229.22	197.79
344.08	313.02	284.57	257.12	228.31	196.84	6	345.21	314.08	285.53	258.04	229.29	197.93
344.21	313.07	284.56	257.12	228.38	196.97	5	345.33	314.12	285.52	258.04	229.36	198.06
344.33	313.12	284.56	257.12	228.44	197.10	4	345.44	314.17	285.51	258.04	229.42	198.18
344.45	313.18	284.56	257.12	228.49	197.21	3	345.55	314.22	285.52	258.04	229.47	198.29
344.57	313.25	284.57	257.12	228.53	197.32	2	345.66	314.28	285.52	258.04	229.51	198.39
344.68	313.32	284.59	257.12	228.57	197.42	1	345.77	314.34	285.54	258.04	229.54	198.48
344.80	313.40	284.61	257.12	228.60	197.50	0	345.87	314.41	285.56	258.04	229.57	198.56

258°		Sternzeit				17h12min	259°		Sternzeit				17h16min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
291.39	284.57	276.78	258.97	166.91	122.26	64	293.92	286.77	278.58	259.89	169.53	125.20	
299.23	290.63	280.75	258.97	176.99	132.46	63	302.07	293.09	282.71	259.89	179.49	135.69	
305.61	295.52	283.82	258.97	184.11	140.64	62	308.56	298.07	285.82	259.89	186.46	143.92	
310.80	299.42	286.16	258.97	189.48	147.20	61	313.75	301.98	288.15	259.89	191.68	150.41	
315.02	302.54	287.93	258.97	193.71	152.53	60	317.92	305.06	289.86	259.89	195.78	155.62	
318.51	305.05	289.25	258.97	197.16	156.92	59	321.31	307.50	291.13	259.89	199.11	159.87	
321.41	307.08	290.24	258.97	200.05	160.60	58	324.11	309.45	292.04	259.89	201.89	163.40	
323.85	308.73	290.96	258.97	202.51	163.73	57	326.45	311.02	292.70	259.89	204.26	166.40	
325.93	310.08	291.48	258.97	204.65	166.44	56	328.43	312.29	293.16	259.89	206.32	168.97	
327.71	311.19	291.85	258.97	206.53	168.80	55	330.13	313.33	293.46	259.89	208.13	171.22	
329.26	312.11	292.09	258.97	208.20	170.88	54	331.60	314.17	293.65	259.89	209.75	173.20	
330.62	312.86	292.23	258.97	209.71	172.74	53	332.87	314.86	293.74	259.89	211.20	174.97	
331.82	313.49	292.29	258.97	211.07	174.42	52	334.00	315.43	293.76	259.89	212.51	176.56	
332.88	314.01	292.29	258.97	212.31	175.94	51	335.00	315.89	293.72	259.89	213.72	178.01	
333.83	314.43	292.25	258.97	213.46	177.34	50	335.89	316.26	293.64	259.89	214.82	179.33	
334.69	314.79	292.16	258.97	214.51	178.62	49	336.69	316.57	293.52	259.89	215.85	180.55	
335.46	315.07	292.05	258.97	215.49	179.80	48	337.41	316.81	293.38	259.89	216.79	181.68	
336.16	315.31	291.91	258.97	216.40	180.90	47	338.06	317.00	293.21	259.89	217.68	182.73	
336.81	315.50	291.75	258.97	217.24	181.93	46	338.66	317.15	293.03	259.89	218.50	183.71	
337.40	315.65	291.58	258.97	218.04	182.89	45	339.21	317.27	292.83	259.89	219.27	184.62	
337.94	315.76	291.40	258.97	218.78	183.80	44	339.72	317.35	292.63	259.89	220.00	185.49	
338.44	315.85	291.21	258.97	219.48	184.65	43	340.18	317.41	292.42	259.89	220.68	186.30	
338.91	315.91	291.01	258.97	220.14	185.45	42	340.61	317.44	292.21	259.89	221.32	187.07	
339.34	315.96	290.81	258.97	220.76	186.22	41	341.01	317.45	291.99	259.89	221.93	187.80	
339.75	315.98	290.61	258.97	221.35	186.94	40	341.39	317.45	291.77	259.89	222.50	188.49	
340.12	315.99	290.41	258.97	221.91	187.63	39	341.74	317.44	291.56	259.89	223.05	189.15	
340.48	315.99	290.21	258.97	222.43	188.28	38	342.07	317.41	291.34	259.89	223.56	189.78	
340.81	315.97	290.01	258.97	222.93	188.90	37	342.38	317.38	291.13	259.89	224.05	190.38	
341.13	315.95	289.82	258.97	223.41	189.50	36	342.67	317.33	290.93	259.89	224.51	190.95	
341.43	315.92	289.62	258.97	223.86	190.07	35	342.94	317.28	290.72	259.89	224.96	191.49	
341.71	315.88	289.43	258.97	224.28	190.61	34	343.20	317.23	290.52	259.89	225.37	192.01	
341.97	315.84	289.25	258.97	224.69	191.13	33	343.45	317.17	290.33	259.89	225.77	192.51	
342.23	315.79	289.07	258.97	225.07	191.62	32	343.69	317.11	290.14	259.89	226.15	192.99	
342.47	315.74	288.89	258.97	225.44	192.10	31	343.91	317.04	289.96	259.89	226.51	193.45	
342.70	315.69	288.72	258.97	225.79	192.55	30	344.12	316.98	289.78	259.89	226.85	193.89	
342.92	315.64	288.56	258.97	226.12	192.99	29	344.33	316.91	289.61	259.89	227.18	194.31	
343.13	315.59	288.40	258.97	226.43	193.41	28	344.52	316.85	289.44	259.89	227.49	194.71	
343.34	315.54	288.25	258.97	226.73	193.81	27	344.71	316.78	289.29	259.89	227.78	195.10	
343.53	315.49	288.10	258.97	227.02	194.19	26	344.89	316.72	289.13	259.89	228.06	195.47	
343.72	315.43	287.96	258.97	227.29	194.56	25	345.06	316.65	288.99	259.89	228.32	195.82	
343.90	315.39	287.83	258.97	227.54	194.91	24	345.22	316.59	288.85	259.89	228.58	196.16	
344.07	315.34	287.70	258.97	227.79	195.24	23	345.38	316.54	288.71	259.89	228.82	196.48	
344.24	315.29	287.58	258.97	228.02	195.57	22	345.54	316.48	288.59	259.89	229.04	196.79	
344.40	315.25	287.46	258.97	228.24	195.87	21	345.69	316.43	288.47	259.89	229.26	197.09	
344.56	315.21	287.35	258.97	228.44	196.17	20	345.83	316.38	288.35	259.89	229.46	197.37	
344.71	315.18	287.25	258.97	228.64	196.45	19	345.97	316.34	288.25	259.89	229.65	197.64	
344.85	315.15	287.15	258.97	228.82	196.72	18	346.10	316.29	288.15	259.89	229.83	197.90	
345.00	315.12	287.06	258.97	229.00	196.97	17	346.23	316.26	288.05	259.89	230.00	198.14	
345.13	315.10	286.98	258.97	229.16	197.21	16	346.36	316.23	287.97	259.89	230.16	198.38	
345.27	315.08	286.90	258.97	229.31	197.44	15	346.49	316.20	287.88	259.89	230.31	198.60	
345.40	315.06	286.83	258.97	229.46	197.66	14	346.61	316.18	287.81	259.89	230.46	198.81	
345.53	315.05	286.77	258.97	229.59	197.87	13	346.72	316.16	287.74	259.89	230.59	199.01	
345.65	315.05	286.71	258.97	229.71	198.07	12	346.84	316.15	287.68	259.89	230.71	199.20	
345.77	315.05	286.65	258.97	229.83	198.25	11	346.95	316.14	287.63	259.89	230.82	199.38	
345.89	315.05	286.61	258.97	229.94	198.42	10	347.06	316.14	287.58	259.89	230.93	199.54	
346.01	315.07	286.57	258.97	230.03	198.59	9	347.17	316.14	287.54	259.89	231.02	199.70	
346.12	315.08	286.54	258.97	230.12	198.74	8	347.27	316.15	287.50	259.89	231.11	199.84	
346.23	315.11	286.51	258.97	230.20	198.88	7	347.37	316.17	287.47	259.89	231.19	199.98	
346.34	315.13	286.49	258.97	230.28	199.02	6	347.47	316.19	287.45	259.89	231.26	200.11	
346.45	315.17	286.48	258.97	230.34	199.14	5	347.57	316.22	287.43	259.89	231.32	200.22	
346.55	315.21	286.47	258.97	230.40	199.25	4	347.67	316.26	287.42	259.89	231.37	200.33	
346.66	315.26	286.47	258.97	230.44	199.36	3	347.76	316.30	287.42	259.89	231.42	200.43	
346.76	315.31	286.47	258.97	230.48	199.45	2	347.86	316.34	287.42	259.89	231.46	200.52	
346.86	315.37	286.49	258.97	230.52	199.54	1	347.95	316.40	287.43	259.89	231.49	200.59	
346.96	315.43	286.50	258.97	230.54	199.61	0	348.04	316.46	287.45	259.89	231.51	200.66	

260°		Sternzeit				17h20min	Br.	261°		Sternzeit				17h24min
Asz.	XII	XI	MC	IX	VIII	Asz.		XII	XI	MC	IX	VIII		
296.76	289.23	280.56	260.81	172.38	128.50	64	299.97	291.99	282.74	261.73	175.48	132.23		
305.19	295.79	284.83	260.81	182.16	139.25	63	308.65	298.76	287.13	261.73	185.01	143.15		
311.76	300.83	287.96	260.81	188.94	147.46	62	315.23	303.83	290.25	261.73	191.55	151.26		
316.90	304.71	290.24	260.81	193.98	153.82	61	320.27	307.63	292.45	261.73	196.39	157.43		
320.97	307.72	291.89	260.81	197.92	158.85	60	324.19	310.53	294.00	261.73	200.15	162.24		
324.25	310.07	293.07	260.81	201.12	162.93	59	327.32	312.75	295.08	261.73	203.19	166.10		
326.92	311.92	293.90	260.81	203.78	166.29	58	329.84	314.48	295.82	261.73	205.73	169.27		
329.15	313.39	294.48	260.81	206.05	169.13	57	331.93	315.84	296.31	261.73	207.89	171.93		
331.02	314.57	294.87	260.81	208.03	171.57	56	333.67	316.91	296.62	261.73	209.77	174.21		
332.61	315.52	295.11	260.81	209.76	173.69	55	335.15	317.77	296.78	261.73	211.42	176.20		
333.98	316.28	295.24	260.81	211.31	175.56	54	336.42	318.44	296.85	261.73	212.90	177.95		
335.17	316.90	295.28	260.81	212.71	177.23	53	337.52	318.98	296.83	261.73	214.24	179.51		
336.22	317.40	295.25	260.81	213.98	178.73	52	338.48	319.41	296.75	261.73	215.45	180.92		
337.15	317.80	295.17	260.81	215.14	180.10	51	339.33	319.74	296.62	261.73	216.57	182.21		
337.97	318.12	295.04	260.81	216.20	181.35	50	340.09	320.00	296.46	261.73	217.60	183.38		
338.71	318.37	294.89	260.81	217.19	182.50	49	340.76	320.20	296.27	261.73	218.55	184.46		
339.38	318.57	294.71	260.81	218.11	183.57	48	341.37	320.35	296.06	261.73	219.43	185.47		
339.99	318.72	294.52	260.81	218.96	184.56	47	341.93	320.45	295.83	261.73	220.26	186.41		
340.54	318.83	294.31	260.81	219.76	185.49	46	342.43	320.52	295.60	261.73	221.03	187.29		
341.04	318.90	294.09	260.81	220.51	186.36	45	342.89	320.56	295.35	261.73	221.76	188.11		
341.51	318.95	293.86	260.81	221.22	187.18	44	343.31	320.57	295.10	261.73	222.44	188.89		
341.93	318.98	293.63	260.81	221.88	187.96	43	343.70	320.56	294.85	261.73	223.09	189.62		
342.33	318.98	293.40	260.81	222.51	188.69	42	344.06	320.53	294.60	261.73	223.70	190.32		
342.70	318.97	293.17	260.81	223.10	189.39	41	344.40	320.49	294.35	261.73	224.27	190.98		
343.04	318.94	292.94	260.81	223.66	190.05	40	344.71	320.43	294.10	261.73	224.82	191.61		
343.37	318.90	292.71	260.81	224.19	190.68	39	345.00	320.37	293.86	261.73	225.34	192.21		
343.67	318.85	292.48	260.81	224.69	191.28	38	345.27	320.29	293.62	261.73	225.83	192.79		
343.95	318.79	292.26	260.81	225.17	191.85	37	345.53	320.21	293.38	261.73	226.29	193.33		
344.22	318.73	292.04	260.81	225.62	192.40	36	345.77	320.13	293.15	261.73	226.74	193.86		
344.47	318.66	291.82	260.81	226.06	192.92	35	346.00	320.04	292.93	261.73	227.16	194.36		
344.71	318.58	291.61	260.81	226.47	193.42	34	346.22	319.95	292.71	261.73	227.56	194.83		
344.93	318.51	291.41	260.81	226.85	193.90	33	346.42	319.85	292.49	261.73	227.94	195.29		
345.15	318.43	291.21	260.81	227.23	194.36	32	346.62	319.75	292.29	261.73	228.30	195.73		
345.35	318.35	291.02	260.81	227.58	194.80	31	346.80	319.66	292.09	261.73	228.65	196.16		
345.55	318.27	290.84	260.81	227.91	195.22	30	346.98	319.56	291.90	261.73	228.98	196.56		
345.73	318.19	290.66	260.81	228.23	195.63	29	347.15	319.47	291.71	261.73	229.29	196.95		
345.91	318.11	290.49	260.81	228.54	196.01	28	347.31	319.37	291.53	261.73	229.59	197.32		
346.08	318.03	290.32	260.81	228.82	196.39	27	347.46	319.28	291.36	261.73	229.87	197.68		
346.25	317.95	290.16	260.81	229.10	196.74	26	347.61	319.19	291.20	261.73	230.14	198.02		
346.40	317.88	290.01	260.81	229.36	197.08	25	347.75	319.10	291.04	261.73	230.40	198.34		
346.55	317.80	289.87	260.81	229.61	197.41	24	347.89	319.02	290.89	261.73	230.64	198.66		
346.70	317.74	289.73	260.81	229.84	197.72	23	348.02	318.94	290.75	261.73	230.87	198.96		
346.84	317.67	289.60	260.81	230.07	198.02	22	348.15	318.86	290.61	261.73	231.09	199.25		
346.98	317.61	289.47	260.81	230.28	198.30	21	348.27	318.79	290.48	261.73	231.29	199.52		
347.11	317.55	289.36	260.81	230.48	198.58	20	348.39	318.72	290.36	261.73	231.49	199.78		
347.23	317.49	289.25	260.81	230.66	198.84	19	348.50	318.66	290.24	261.73	231.68	200.03		
347.36	317.45	289.14	260.81	230.84	199.08	18	348.61	318.60	290.14	261.73	231.85	200.27		
347.48	317.40	289.04	260.81	231.01	199.32	17	348.72	318.54	290.03	261.73	232.01	200.49		
347.59	317.36	288.95	260.81	231.17	199.54	16	348.83	318.50	289.94	261.73	232.17	200.71		
347.71	317.32	288.87	260.81	231.31	199.76	15	348.93	318.45	289.85	261.73	232.31	200.91		
347.82	317.29	288.79	260.81	231.45	199.96	14	349.03	318.41	289.77	261.73	232.45	201.11		
347.92	317.27	288.72	260.81	231.58	200.15	13	349.12	318.38	289.70	261.73	232.57	201.29		
348.03	317.25	288.66	260.81	231.70	200.33	12	349.22	318.35	289.63	261.73	232.69	201.46		
348.13	317.23	288.60	260.81	231.81	200.50	11	349.31	318.33	289.57	261.73	232.80	201.62		
348.23	317.23	288.55	260.81	231.91	200.66	10	349.40	318.32	289.52	261.73	232.90	201.78		
348.33	317.22	288.50	260.81	232.01	200.81	9	349.49	318.31	289.47	261.73	232.99	201.92		
348.42	317.23	288.46	260.81	232.09	200.95	8	349.57	318.30	289.43	261.73	233.07	202.05		
348.51	317.24	288.43	260.81	232.17	201.08	7	349.66	318.31	289.40	261.73	233.15	202.17		
348.61	317.25	288.41	260.81	232.24	201.20	6	349.74	318.31	289.37	261.73	233.21	202.28		
348.70	317.27	288.39	260.81	232.30	201.31	5	349.82	318.33	289.35	261.73	233.27	202.39		
348.78	317.30	288.38	260.81	232.35	201.41	4	349.90	318.35	289.33	261.73	233.32	202.48		
348.87	317.34	288.37	260.81	232.39	201.50	3	349.98	318.38	289.33	261.73	233.37	202.57		
348.95	317.38	288.38	260.81	232.43	201.58	2	350.06	318.42	289.33	261.73	233.40	202.64		
349.04	317.43	288.38	260.81	232.46	201.65	1	350.13	318.46	289.33	261.73	233.43	202.71		
349.12	317.48	288.40	260.81	232.48	201.71	0	350.20	318.51	289.35	261.73	233.45	202.77		

262° Sternzeit 17h28min						263° Sternzeit 17h32min						
Abz.	XII	XI	MC	IX	VIII	Br.	Abz.	XII	XI	MC	IX	VIII
303.63	295.12	285.17	262.65	178.86	136.47	64	307.84	298.71	287.91	263.57	182.57	141.31
312.48	302.05	289.64	262.65	188.07	147.44	63	316.75	305.71	292.38	263.57	191.36	152.16
318.99	307.07	292.69	262.65	194.32	155.35	62	323.07	310.60	295.31	263.57	197.25	159.72
323.86	310.75	294.78	262.65	198.91	161.23	61	327.68	314.08	297.24	263.57	201.54	165.23
327.59	313.49	296.20	262.65	202.46	165.76	60	331.16	316.61	298.49	263.57	204.85	169.43
330.52	315.56	297.16	262.65	205.33	169.37	59	333.85	318.49	299.30	263.57	207.53	172.74
332.87	317.14	297.78	262.65	207.72	172.32	58	336.00	319.90	299.80	263.57	209.76	175.45
334.80	318.37	298.17	262.65	209.76	174.79	57	337.74	320.98	300.08	263.57	211.67	177.71
336.40	319.32	298.39	262.65	211.54	176.91	56	339.19	321.80	300.20	263.57	213.34	179.64
337.75	320.07	298.48	262.65	213.11	178.75	55	340.40	322.43	300.21	263.57	214.82	181.33
338.90	320.65	298.48	262.65	214.51	180.37	54	341.43	322.90	300.12	263.57	216.15	182.82
339.90	321.10	298.40	262.65	215.79	181.82	53	342.33	323.26	299.98	263.57	217.35	184.16
340.78	321.45	298.26	262.65	216.95	183.14	52	343.10	323.53	299.79	263.57	218.45	185.37
341.55	321.72	298.09	262.65	218.01	184.33	51	343.79	323.72	299.57	263.57	219.47	186.47
342.23	321.92	297.88	262.65	219.00	185.43	50	344.39	323.85	299.32	263.57	220.41	187.49
342.84	322.06	297.65	262.65	219.91	186.44	49	344.94	323.93	299.05	263.57	221.29	188.43
343.39	322.15	297.41	262.65	220.76	187.38	48	345.42	323.97	298.77	263.57	222.10	189.30
343.89	322.20	297.15	262.65	221.56	188.26	47	345.86	323.98	298.48	263.57	222.87	190.13
344.34	322.23	296.89	262.65	223.31	189.09	46	346.26	323.95	298.18	263.57	223.59	190.90
344.75	322.22	296.62	262.65	223.01	189.87	45	346.63	323.91	297.89	263.57	224.27	191.63
345.13	322.20	296.35	262.65	223.67	190.60	44	346.96	323.84	297.59	263.57	224.91	192.31
345.48	322.15	296.07	262.65	224.30	191.29	43	347.27	323.76	297.30	263.57	225.51	192.97
345.80	322.09	295.80	262.65	224.89	191.95	42	347.56	323.67	297.01	263.57	226.08	193.59
346.10	322.02	295.54	262.65	225.45	192.58	41	347.82	323.56	296.72	263.57	226.63	194.18
346.38	321.94	295.27	262.65	225.98	193.18	40	348.07	323.45	296.44	263.57	227.14	194.75
346.64	321.85	295.01	262.65	226.48	193.75	39	348.30	323.33	296.17	263.57	227.63	195.29
346.89	321.75	294.76	262.65	226.96	194.29	38	348.51	323.21	295.90	263.57	228.10	195.80
347.12	321.64	294.51	262.65	227.42	194.81	37	348.71	323.08	295.64	263.57	228.54	196.30
347.34	321.54	294.26	262.65	227.85	195.31	36	348.90	322.95	295.38	263.57	228.96	196.77
347.54	321.43	294.03	262.65	228.26	195.79	35	349.08	322.82	295.13	263.57	229.36	197.23
347.73	321.31	293.80	262.65	228.65	196.25	34	349.25	322.69	294.89	263.57	229.75	197.66
347.92	321.20	293.58	262.65	229.02	196.69	33	349.41	322.56	294.66	263.57	230.11	198.08
348.09	321.09	293.36	262.65	229.38	197.11	32	349.57	322.42	294.44	263.57	230.46	198.48
348.25	320.97	293.16	262.65	229.72	197.51	31	349.71	322.29	294.22	263.57	230.79	198.87
348.41	320.86	292.95	262.65	230.04	197.90	30	349.85	322.17	294.01	263.57	231.10	199.24
348.56	320.75	292.76	262.65	230.35	198.27	29	349.98	322.04	293.81	263.57	231.40	199.59
348.71	320.64	292.58	262.65	230.64	198.63	28	350.11	321.92	293.62	263.57	231.69	199.93
348.84	320.54	292.40	262.65	230.92	198.97	27	350.23	321.80	293.44	263.57	231.96	200.26
348.98	320.43	292.23	262.65	231.18	199.29	26	350.35	321.68	293.26	263.57	232.22	200.57
349.10	320.33	292.07	262.65	231.43	199.61	25	350.46	321.57	293.09	263.57	232.47	200.87
349.22	320.24	291.91	262.65	231.67	199.91	24	350.57	321.46	292.93	263.57	232.70	201.16
349.34	320.15	291.76	262.65	231.89	200.20	23	350.67	321.36	292.78	263.57	232.92	201.44
349.46	320.06	291.62	262.65	232.11	200.47	22	350.77	321.26	292.63	263.57	233.13	201.70
349.57	319.98	291.49	262.65	232.31	200.73	21	350.86	321.17	292.50	263.57	233.33	201.95
349.67	319.90	291.36	262.65	232.50	200.99	20	350.96	321.08	292.37	263.57	233.52	202.19
349.77	319.82	291.24	262.65	232.69	201.22	19	351.05	320.99	292.24	263.57	233.70	202.42
349.87	319.76	291.13	262.65	232.86	201.45	18	351.13	320.91	292.13	263.57	233.86	202.64
349.97	319.69	291.03	262.65	233.02	201.67	17	351.22	320.84	292.02	263.57	234.02	202.84
350.06	319.63	290.93	262.65	233.17	201.88	16	351.30	320.78	291.92	263.57	234.17	203.04
350.15	319.58	290.84	262.65	233.31	202.07	15	351.38	320.71	291.82	263.57	234.31	203.23
350.24	319.53	290.75	262.65	233.44	202.26	14	351.46	320.66	291.74	263.57	234.44	203.40
350.33	319.49	290.68	262.65	233.57	202.43	13	351.53	320.61	291.66	263.57	234.56	203.57
350.41	319.46	290.61	262.65	233.68	202.59	12	351.61	320.57	291.58	263.57	234.67	203.72
350.49	319.43	290.54	262.65	233.79	202.75	11	351.68	320.53	291.52	263.57	234.77	203.87
350.57	319.41	290.49	262.65	233.88	202.89	10	351.75	320.50	291.46	263.57	234.87	204.01
350.65	319.39	290.44	262.65	233.97	203.03	9	351.82	320.48	291.41	263.57	234.96	204.13
350.73	319.38	290.39	262.65	234.05	203.15	8	351.88	320.46	291.36	263.57	235.03	204.25
350.80	319.38	290.36	262.65	234.13	203.27	7	351.95	320.45	291.32	263.57	235.10	204.36
350.88	319.38	290.33	262.65	234.19	203.37	6	352.01	320.45	291.29	263.57	235.17	204.46
350.95	319.39	290.31	262.65	234.25	203.47	5	352.08	320.45	291.27	263.57	235.22	204.55
351.02	319.40	290.29	262.65	234.30	203.56	4	352.14	320.46	291.25	263.57	235.27	204.63
351.09	319.43	290.28	262.65	234.34	203.63	3	352.20	320.47	291.24	263.57	235.31	204.70
351.16	319.46	290.28	262.65	234.37	203.70	2	352.26	320.50	291.23	263.57	235.34	204.77
351.22	319.49	290.28	262.65	234.39	203.76	1	352.32	320.53	291.23	263.57	235.36	204.82
351.29	319.54	290.30	262.65	234.41	203.82	0	352.38	320.57	291.24	263.57	235.38	204.87

264° Sternzeit 17h36min						265° Sternzeit 17h40min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
312.70	302.85	291.02	264.49	186.64	146.83	64	318.35	307.67	294.58	265.41	191.12	153.13
321.49	309.78	295.40	264.49	194.88	157.32	63	326.74	314.32	298.70	265.41	198.66	162.93
327.48	314.42	298.12	264.49	200.33	164.37	62	332.23	318.56	301.11	265.41	203.57	169.30
331.74	317.63	299.82	264.49	204.28	169.42	61	336.03	321.39	302.52	265.41	207.12	173.77
334.90	319.90	300.88	264.49	207.32	173.22	60	338.80	323.34	303.35	265.41	209.87	177.12
337.32	321.55	301.51	264.49	209.78	176.20	59	340.89	324.72	303.79	265.41	212.09	179.74
339.22	322.76	301.87	264.49	211.84	178.64	58	342.54	325.71	303.98	265.41	213.97	181.88
340.77	323.66	302.02	264.49	213.61	180.67	57	343.86	326.42	304.00	265.41	215.59	183.67
342.04	324.34	302.04	264.49	215.17	182.42	56	344.94	326.93	303.90	265.41	217.02	185.22
343.10	324.84	301.95	264.49	216.55	183.94	55	345.85	327.29	303.72	265.41	218.30	186.57
344.00	325.20	301.79	264.49	217.80	185.29	54	346.61	327.54	303.47	265.41	219.46	187.78
344.78	325.46	301.58	264.49	218.93	186.51	53	347.27	327.69	303.19	265.41	220.53	188.87
345.46	325.64	301.33	264.49	219.97	187.61	52	347.84	327.78	302.88	265.41	221.51	189.86
346.05	325.75	301.05	264.49	220.94	188.62	51	348.34	327.81	302.55	265.41	222.42	190.78
346.58	325.81	300.76	264.49	221.83	189.55	50	348.79	327.80	302.20	265.41	223.26	191.63
347.05	325.83	300.45	264.49	222.67	190.42	49	349.18	327.75	301.85	265.41	224.06	192.42
347.47	325.81	300.13	264.49	223.45	191.23	48	349.54	327.67	301.50	265.41	224.80	193.17
347.85	325.76	299.81	264.49	224.18	191.99	47	349.86	327.57	301.14	265.41	225.50	193.87
348.20	325.69	299.48	264.49	224.87	192.71	46	350.15	327.45	300.79	265.41	226.17	194.53
348.51	325.60	299.16	264.49	225.53	193.39	45	350.41	327.31	300.44	265.41	226.79	195.16
348.80	325.50	298.84	264.49	226.14	194.03	44	350.66	327.17	300.09	265.41	227.39	195.76
349.07	325.38	298.53	264.49	226.73	194.65	43	350.88	327.01	299.75	265.41	227.95	196.33
349.32	325.25	298.21	264.49	227.28	195.23	42	351.08	326.85	299.42	265.41	228.48	196.87
349.54	325.12	297.91	264.49	227.81	195.79	41	351.28	326.68	299.10	265.41	228.99	197.39
349.76	324.98	297.61	264.49	228.31	196.32	40	351.45	326.51	298.79	265.41	229.48	197.89
349.96	324.83	297.32	264.49	228.78	196.83	39	351.62	326.33	298.48	265.41	229.94	198.37
350.14	324.68	297.04	264.49	229.24	197.32	38	351.78	326.16	298.18	265.41	230.38	198.83
350.32	324.53	296.76	264.49	229.67	197.78	37	351.92	325.98	297.89	265.41	230.80	199.27
350.48	324.37	296.50	264.49	230.08	198.23	36	352.06	325.80	297.62	265.41	231.19	199.69
350.63	324.22	296.24	264.49	230.47	198.66	35	352.19	325.63	297.35	265.41	231.58	200.10
350.78	324.07	295.99	264.49	230.84	199.08	34	352.31	325.45	297.09	265.41	231.94	200.49
350.92	323.92	295.75	264.49	231.20	199.47	33	352.43	325.28	296.83	265.41	232.28	200.87
351.05	323.77	295.52	264.49	231.54	199.86	32	352.54	325.11	296.59	265.41	232.62	201.23
351.18	323.62	295.29	264.49	231.86	200.22	31	352.64	324.95	296.36	265.41	232.93	201.58
351.29	323.48	295.08	264.49	232.17	200.57	30	352.74	324.79	296.14	265.41	233.23	201.91
351.41	323.33	294.87	264.49	232.46	200.91	29	352.84	324.63	295.92	265.41	233.52	202.23
351.52	323.20	294.67	264.49	232.74	201.24	28	352.93	324.48	295.72	265.41	233.79	202.54
351.62	323.06	294.48	264.49	233.01	201.55	27	353.01	324.33	295.52	265.41	234.05	202.84
351.72	322.93	294.30	264.49	233.26	201.85	26	353.10	324.19	295.33	265.41	234.30	203.13
351.82	322.81	294.12	264.49	233.50	202.14	25	353.18	324.05	295.15	265.41	234.53	203.40
351.91	322.69	293.96	264.49	233.73	202.41	24	353.25	323.92	294.98	265.41	234.76	203.66
352.00	322.57	293.80	264.49	233.95	202.67	23	353.33	323.79	294.82	265.41	234.97	203.91
352.08	322.46	293.65	264.49	234.15	202.92	22	353.40	323.67	294.66	265.41	235.17	204.15
352.16	322.36	293.50	264.49	234.35	203.16	21	353.47	323.55	294.51	265.41	235.36	204.38
352.24	322.26	293.37	264.49	234.53	203.39	20	353.53	323.44	294.37	265.41	235.54	204.60
352.32	322.16	293.24	264.49	234.70	203.61	19	353.60	323.34	294.24	265.41	235.71	204.81
352.40	322.08	293.12	264.49	234.87	203.82	18	353.66	323.24	294.12	265.41	235.87	205.00
352.47	322.00	293.01	264.49	235.02	204.02	17	353.72	323.15	294.00	265.41	236.02	205.19
352.54	321.92	292.91	264.49	235.17	204.21	16	353.78	323.07	293.90	265.41	236.17	205.37
352.61	321.85	292.81	264.49	235.30	204.38	15	353.84	322.99	293.80	265.41	236.30	205.54
352.68	321.79	292.72	264.49	235.43	204.55	14	353.89	322.92	293.70	265.41	236.42	205.70
352.74	321.73	292.64	264.49	235.55	204.71	13	353.95	322.85	293.62	265.41	236.54	205.84
352.80	321.68	292.56	264.49	235.66	204.85	12	354.00	322.79	293.54	265.41	236.65	205.98
352.86	321.63	292.49	264.49	235.76	204.99	11	354.05	322.74	293.47	265.41	236.74	206.11
352.93	321.60	292.43	264.49	235.85	205.12	10	354.10	322.69	293.40	265.41	236.83	206.24
352.98	321.57	292.37	264.49	235.94	205.24	9	354.15	322.66	293.34	265.41	236.92	206.35
353.04	321.54	292.33	264.49	236.01	205.35	8	354.20	322.62	293.29	265.41	236.99	206.45
353.10	321.52	292.29	264.49	236.08	205.45	7	354.25	322.60	293.25	265.41	237.05	206.55
353.15	321.51	292.25	264.49	236.14	205.55	6	354.29	322.58	293.21	265.41	237.11	206.63
353.21	321.51	292.23	264.49	236.19	205.63	5	354.34	322.57	293.19	265.41	237.16	206.71
353.26	321.51	292.21	264.49	236.24	205.70	4	354.38	322.57	293.16	265.41	237.21	206.78
353.31	321.52	292.19	264.49	236.27	205.77	3	354.43	322.57	293.15	265.41	237.24	206.84
353.36	321.54	292.19	264.49	236.30	205.83	2	354.47	322.59	293.14	265.41	237.27	206.89
353.41	321.56	292.19	264.49	236.33	205.87	1	354.51	322.60	293.14	265.41	237.29	206.93
353.46	321.60	292.19	264.49	236.34	205.91	0	354.55	322.63	293.14	265.41	237.30	206.96

266° Sternzeit 17h44min						267° Sternzeit 17h48min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
324.90	313.28	298.65	266.33	196.05	160.27	64	332.43	319.78	303.29	267.25	201.44	168.24
332.53	319.34	302.31	266.33	202.68	168.98	63	338.83	324.87	306.22	267.25	206.94	175.42
337.30	323.01	304.28	266.33	206.97	174.47	62	342.67	327.77	307.63	267.25	210.50	179.83
340.52	325.36	305.35	266.33	210.07	178.27	61	345.21	329.54	308.28	267.25	213.09	182.88
342.84	326.93	305.89	266.33	212.48	181.11	60	347.01	330.67	308.51	267.25	215.15	185.17
344.58	328.01	306.12	266.33	214.45	183.34	59	348.35	331.40	308.49	267.25	216.85	186.98
345.93	328.74	306.13	266.33	216.13	185.16	58	349.39	331.86	308.31	267.25	218.33	188.48
347.01	329.25	306.00	266.33	217.60	186.71	57	350.21	332.13	308.03	267.25	219.63	189.76
347.89	329.58	305.78	266.33	218.90	188.04	56	350.88	332.28	307.68	267.25	220.79	190.88
348.63	329.79	305.50	266.33	220.07	189.22	55	351.44	332.34	307.29	267.25	221.86	191.88
349.25	329.91	305.17	266.33	221.15	190.28	54	351.91	332.32	306.87	267.25	222.84	192.79
349.78	329.96	304.81	266.33	222.13	191.24	53	352.32	332.25	306.44	267.25	223.75	193.62
350.25	329.95	304.44	266.33	223.05	192.13	52	352.67	332.14	306.00	267.25	224.60	194.39
350.65	329.89	304.05	266.33	223.90	192.95	51	352.98	331.99	305.55	267.25	225.40	195.11
351.01	329.80	303.66	266.33	224.70	193.71	50	353.25	331.82	305.11	267.25	226.15	195.79
351.33	329.68	303.26	266.33	225.45	194.43	49	353.49	331.63	304.67	267.25	226.85	196.43
351.61	329.54	302.87	266.33	226.16	195.10	48	353.70	331.43	304.24	267.25	227.52	197.04
351.87	329.39	302.48	266.33	226.83	195.74	47	353.90	331.22	303.82	267.25	228.16	197.62
352.11	329.22	302.09	266.33	227.46	196.35	46	354.07	330.99	303.40	267.25	228.76	198.17
352.32	329.03	301.72	266.33	228.06	196.93	45	354.23	330.77	302.99	267.25	229.33	198.70
352.51	328.85	301.35	266.33	228.63	197.48	44	354.38	330.53	302.60	267.25	229.88	199.20
352.69	328.65	300.99	266.33	229.17	198.01	43	354.52	330.30	302.22	267.25	230.40	199.69
352.86	328.45	300.63	266.33	229.69	198.51	42	354.64	330.06	301.84	267.25	230.89	200.15
353.01	328.25	300.29	266.33	230.18	199.00	41	354.76	329.83	301.48	267.25	231.37	200.60
353.16	328.05	299.96	266.33	230.65	199.46	40	354.86	329.59	301.14	267.25	231.82	201.03
353.29	327.84	299.64	266.33	231.09	199.91	39	354.96	329.36	300.80	267.25	232.25	201.45
353.41	327.64	299.33	266.33	231.52	200.34	38	355.06	329.13	300.47	267.25	232.66	201.85
353.53	327.44	299.03	266.33	231.92	200.75	37	355.15	328.90	300.16	267.25	233.05	202.24
353.64	327.24	298.73	266.33	232.31	201.15	36	355.23	328.68	299.85	267.25	233.43	202.61
353.75	327.04	298.45	266.33	232.68	201.54	35	355.31	328.46	299.56	267.25	233.79	202.97
353.84	326.84	298.18	266.33	233.03	201.91	34	355.38	328.24	299.28	267.25	234.13	203.32
353.94	326.65	297.92	266.33	233.37	202.26	33	355.45	328.03	299.01	267.25	234.46	203.66
354.03	326.47	297.67	266.33	233.69	202.60	32	355.52	327.82	298.75	267.25	234.77	203.98
354.11	326.28	297.43	266.33	234.00	202.93	31	355.58	327.62	298.50	267.25	235.07	204.29
354.19	326.11	297.20	266.33	234.29	203.25	30	355.64	327.43	298.26	267.25	235.36	204.59
354.27	325.93	296.98	266.33	234.57	203.56	29	355.70	327.24	298.03	267.25	235.63	204.88
354.34	325.77	296.76	266.33	234.84	203.85	28	355.75	327.05	297.81	267.25	235.89	205.15
354.41	325.60	296.56	266.33	235.09	204.13	27	355.80	326.88	297.60	267.25	236.14	205.42
354.47	325.45	296.37	266.33	235.34	204.40	26	355.85	326.71	297.40	267.25	236.38	205.68
354.54	325.29	296.18	266.33	235.57	204.66	25	355.90	326.54	297.21	267.25	236.60	205.92
354.60	325.15	296.00	266.33	235.79	204.91	24	355.95	326.38	297.03	267.25	236.81	206.16
354.66	325.01	295.83	266.33	235.99	205.15	23	355.99	326.23	296.85	267.25	237.02	206.38
354.72	324.88	295.67	266.33	236.19	205.38	22	356.04	326.09	296.69	267.25	237.21	206.60
354.77	324.75	295.52	266.33	236.38	205.59	21	356.08	325.95	296.53	267.25	237.39	206.81
354.83	324.63	295.38	266.33	236.55	205.80	20	356.12	325.82	296.39	267.25	237.56	207.00
354.88	324.52	295.24	266.33	236.72	206.00	19	356.16	325.70	296.25	267.25	237.73	207.19
354.93	324.41	295.12	266.33	236.88	206.19	18	356.19	325.58	296.12	267.25	237.88	207.37
354.98	324.31	295.00	266.33	237.03	206.36	17	356.23	325.47	295.99	267.25	238.02	207.53
355.02	324.21	294.89	266.33	237.16	206.53	16	356.27	325.36	295.88	267.25	238.16	207.69
355.07	324.13	294.78	266.33	237.29	206.69	15	356.30	325.27	295.77	267.25	238.29	207.84
355.11	324.05	294.69	266.33	237.41	206.84	14	356.33	325.18	295.67	267.25	238.40	207.98
355.16	323.97	294.60	266.33	237.53	206.98	13	356.37	325.10	295.58	267.25	238.51	208.12
355.20	323.91	294.52	266.33	237.63	207.11	12	356.40	325.02	295.49	267.25	238.62	208.24
355.24	323.85	294.44	266.33	237.73	207.24	11	356.43	324.96	295.42	267.25	238.71	208.36
355.28	323.79	294.37	266.33	237.81	207.35	10	356.46	324.90	295.35	267.25	238.79	208.46
355.32	323.75	294.31	266.33	237.89	207.45	9	356.49	324.84	295.29	267.25	238.87	208.56
355.36	323.71	294.26	266.33	237.97	207.55	8	356.52	324.80	295.23	267.25	238.94	208.65
355.40	323.68	294.22	266.33	238.03	207.64	7	356.55	324.76	295.18	267.25	239.00	208.73
355.43	323.66	294.18	266.33	238.08	207.72	6	356.57	324.73	295.14	267.25	239.06	208.80
355.47	323.64	294.15	266.33	238.13	207.79	5	356.60	324.71	295.11	267.25	239.10	208.86
355.51	323.63	294.12	266.33	238.17	207.85	4	356.63	324.69	295.08	267.25	239.14	208.92
355.54	323.63	294.11	266.33	238.21	207.90	3	356.65	324.68	295.06	267.25	239.17	208.96
355.57	323.63	294.09	266.33	238.23	207.94	2	356.68	324.68	295.05	267.25	239.20	209.00
355.61	323.64	294.09	266.33	238.25	207.98	1	356.71	324.69	295.05	267.25	239.21	209.03
355.64	323.66	294.10	266.33	238.26	208.01	0	356.73	324.70	295.05	267.25	239.22	209.05

268° Sternzeit 17h52min						269° Sternzeit 17h56min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
340.93	327.24	308.52	268.17	207.25	176.94	64	350.23	335.58	314.27	269.08	213.37	186.12
345.59	330.88	310.41	268.17	211.39	182.15	63	352.70	337.31	314.83	269.08	215.97	189.04
348.29	332.81	311.13	268.17	214.13	185.34	62	354.10	338.09	314.75	269.08	217.83	190.91
350.05	333.90	311.31	268.17	216.19	187.57	61	355.00	338.41	314.40	269.08	219.32	192.28
351.28	334.53	311.19	268.17	217.86	189.27	60	355.62	338.49	313.91	269.08	220.60	193.38
352.19	334.87	310.90	268.17	219.29	190.64	59	356.08	338.43	313.35	269.08	221.74	194.31
352.90	335.04	310.52	268.17	220.54	191.80	58	356.44	338.27	312.75	269.08	222.77	195.13
353.45	335.08	310.08	268.17	221.67	192.82	57	356.72	338.06	312.14	269.08	223.73	195.87
353.91	335.03	309.60	268.17	222.71	193.72	56	356.95	337.81	311.52	269.08	224.63	196.56
354.28	334.91	309.10	268.17	223.66	194.54	55	357.14	337.52	310.91	269.08	225.47	197.20
354.60	334.76	308.59	268.17	224.55	195.30	54	357.30	337.22	310.30	269.08	226.26	197.80
354.87	334.56	308.08	268.17	225.38	196.00	53	357.43	336.90	309.71	269.08	227.01	198.38
355.10	334.35	307.57	268.17	226.16	196.66	52	357.55	336.58	309.14	269.08	227.73	198.92
355.31	334.11	307.06	268.17	226.90	197.28	51	357.65	336.25	308.57	269.08	228.41	199.45
355.49	333.86	306.57	268.17	227.60	197.87	50	357.74	335.91	308.03	269.08	229.05	199.95
355.65	333.60	306.09	268.17	228.26	198.44	49	357.82	335.58	307.50	269.08	229.67	200.44
355.80	333.33	305.61	268.17	228.89	198.98	48	357.90	335.24	306.99	269.08	230.26	200.91
355.93	333.06	305.15	268.17	229.49	199.49	47	357.96	334.91	306.49	269.08	230.83	201.36
356.04	332.78	304.71	268.17	230.06	199.99	46	358.02	334.58	306.02	269.08	231.37	201.80
356.15	332.51	304.27	268.17	230.61	200.46	45	358.08	334.26	305.56	269.08	231.89	202.23
356.25	332.23	303.86	268.17	231.13	200.92	44	358.12	333.93	305.11	269.08	232.38	202.64
356.34	331.95	303.45	268.17	231.63	201.37	43	358.17	333.62	304.68	269.08	232.86	203.04
356.42	331.68	303.06	268.17	232.10	201.79	42	358.21	333.31	304.27	269.08	233.31	203.43
356.50	331.41	302.68	268.17	232.56	202.21	41	358.25	333.00	303.87	269.08	233.75	203.81
356.57	331.14	302.31	268.17	232.99	202.60	40	358.29	332.70	303.49	269.08	234.16	204.17
356.64	330.88	301.96	268.17	233.41	202.99	39	358.32	332.41	303.12	269.08	234.56	204.53
356.70	330.62	301.62	268.17	233.80	203.36	38	358.35	332.12	302.76	269.08	234.95	204.87
356.76	330.37	301.29	268.17	234.18	203.72	37	358.38	331.84	302.42	269.08	235.32	205.20
356.82	330.12	300.97	268.17	234.55	204.07	36	358.41	331.57	302.09	269.08	235.67	205.53
356.87	329.88	300.67	268.17	234.90	204.41	35	358.43	331.30	301.78	269.08	236.00	205.84
356.92	329.64	300.38	268.17	235.23	204.73	34	358.46	331.04	301.48	269.08	236.33	206.14
356.97	329.41	300.10	268.17	235.55	205.05	33	358.48	330.79	301.19	269.08	236.64	206.44
357.01	329.18	299.83	268.17	235.85	205.35	32	358.50	330.55	300.91	269.08	236.93	206.72
357.05	328.96	299.57	268.17	236.14	205.64	31	358.53	330.31	300.64	269.08	237.22	206.99
357.09	328.75	299.32	268.17	236.42	205.92	30	358.55	330.08	300.39	269.08	237.49	207.26
357.13	328.55	299.09	268.17	236.69	206.20	29	358.57	329.86	300.14	269.08	237.74	207.51
357.17	328.35	298.86	268.17	236.94	206.46	28	358.58	329.64	299.91	269.08	237.99	207.76
357.20	328.16	298.64	268.17	237.18	206.71	27	358.60	329.44	299.69	269.08	238.23	208.00
357.24	327.97	298.44	268.17	237.41	206.95	26	358.62	329.24	299.47	269.08	238.45	208.22
357.27	327.79	298.24	268.17	237.63	207.18	25	358.63	329.05	299.27	269.08	238.67	208.44
357.30	327.62	298.05	268.17	237.84	207.41	24	358.65	328.86	299.08	269.08	238.87	208.65
357.33	327.46	297.87	268.17	238.04	207.62	23	358.66	328.69	298.90	269.08	239.06	208.85
357.36	327.30	297.71	268.17	238.23	207.82	22	358.68	328.52	298.72	269.08	239.25	209.04
357.38	327.15	297.54	268.17	238.41	208.02	21	358.69	328.36	298.56	269.08	239.42	209.23
357.41	327.01	297.39	268.17	238.57	208.20	20	358.71	328.21	298.40	269.08	239.58	209.40
357.44	326.88	297.25	268.17	238.73	208.38	19	358.72	328.06	298.25	269.08	239.74	209.57
357.46	326.75	297.11	268.17	238.88	208.55	18	358.73	327.92	298.11	269.08	239.88	209.72
357.49	326.63	296.99	268.17	239.02	208.70	17	358.74	327.79	297.98	269.08	240.02	209.87
357.51	326.52	296.87	268.17	239.16	208.85	16	358.76	327.67	297.86	269.08	240.15	210.01
357.53	326.41	296.76	268.17	239.28	209.00	15	358.77	327.56	297.75	269.08	240.27	210.15
357.56	326.31	296.66	268.17	239.39	209.13	14	358.78	327.45	297.64	269.08	240.38	210.27
357.58	326.22	296.56	268.17	239.50	209.25	13	358.79	327.35	297.54	269.08	240.49	210.38
357.60	326.14	296.47	268.17	239.60	209.37	12	358.80	327.26	297.45	269.08	240.58	210.49
357.62	326.07	296.39	268.17	239.69	209.47	11	358.81	327.18	297.37	269.08	240.67	210.59
357.64	326.00	296.32	268.17	239.77	209.57	10	358.82	327.10	297.30	269.08	240.75	210.68
357.66	325.94	296.26	268.17	239.85	209.66	9	358.83	327.04	297.23	269.08	240.82	210.76
357.68	325.89	296.20	268.17	239.91	209.74	8	358.84	326.98	297.17	269.08	240.89	210.84
357.70	325.84	296.15	268.17	239.97	209.82	7	358.85	326.92	297.12	269.08	240.94	210.90
357.72	325.80	296.11	268.17	240.02	209.88	6	358.86	326.88	297.07	269.08	240.99	210.96
357.73	325.77	296.07	268.17	240.07	209.94	5	358.87	326.84	297.03	269.08	241.04	211.01
357.75	325.75	296.04	268.17	240.11	209.99	4	358.88	326.81	297.00	269.08	241.07	211.05
357.77	325.74	296.02	268.17	240.14	210.03	3	358.88	326.79	296.98	269.08	241.10	211.09
357.79	325.73	296.01	268.17	240.16	210.06	2	358.89	326.78	296.96	269.08	241.12	211.11
357.80	325.73	296.00	268.17	240.17	210.08	1	358.90	326.77	296.96	269.08	241.13	211.13
357.82	325.74	296.00	268.17	240.18	210.10	0	358.91	326.78	296.95	269.08	241.14	211.14

270°						271°						
Sternzeit						Sternzeit						
18h 0min						18h 4min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
0.00	344.58	320.39	270.00	219.61	195.42	64	9.77	353.88	326.63	270.92	225.73	204.42
0.00	344.05	319.40	270.00	220.60	195.95	63	7.30	350.96	324.03	270.92	225.17	202.69
0.00	343.54	318.45	270.00	221.55	196.46	62	5.90	349.09	322.17	270.92	225.25	201.91
0.00	343.03	317.53	270.00	222.47	196.97	61	5.00	347.72	320.68	270.92	225.60	201.59
0.00	342.53	316.65	270.00	223.35	197.47	60	4.38	346.62	319.40	270.92	226.09	201.51
0.00	342.04	315.80	270.00	224.20	197.96	59	3.92	345.69	318.26	270.92	226.65	201.57
0.00	341.56	314.99	270.00	225.01	198.44	58	3.56	344.87	317.23	270.92	227.25	201.73
0.00	341.08	314.20	270.00	225.80	198.92	57	3.28	344.13	316.27	270.92	227.86	201.94
0.00	340.61	313.45	270.00	226.55	199.39	56	3.05	343.44	315.37	270.92	228.48	202.19
0.00	340.15	312.72	270.00	227.28	199.85	55	2.86	342.80	314.53	270.92	229.09	202.48
0.00	339.70	312.02	270.00	227.98	200.30	54	2.70	342.20	313.74	270.92	229.70	202.78
0.00	339.26	311.35	270.00	228.65	200.74	53	2.57	341.62	312.99	270.92	230.29	203.10
0.00	338.82	310.71	270.00	229.29	201.18	52	2.45	341.08	312.27	270.92	230.86	203.42
0.00	338.39	310.09	270.00	229.91	201.61	51	2.35	340.55	311.59	270.92	231.43	203.75
0.00	337.98	309.49	270.00	230.51	202.02	50	2.26	340.05	310.95	270.92	231.97	204.09
0.00	337.57	308.92	270.00	231.08	202.43	49	2.18	339.56	310.33	270.92	232.50	204.42
0.00	337.16	308.36	270.00	231.64	202.84	48	2.10	339.09	309.74	270.92	233.01	204.76
0.00	336.77	307.83	270.00	232.17	203.23	47	2.04	338.64	309.17	270.92	233.51	205.09
0.00	336.39	307.32	270.00	232.68	203.61	46	1.98	338.20	308.63	270.92	233.98	205.42
0.00	336.01	306.84	270.00	233.16	203.99	45	1.92	337.77	308.11	270.92	234.44	205.74
0.00	335.64	306.37	270.00	233.63	204.36	44	1.88	337.36	307.62	270.92	234.89	206.07
0.00	335.29	305.91	270.00	234.09	204.71	43	1.83	336.96	307.14	270.92	235.32	206.38
0.00	334.94	305.48	270.00	234.52	205.06	42	1.79	336.57	306.69	270.92	235.73	206.69
0.00	334.59	305.06	270.00	234.94	205.41	41	1.75	336.19	306.25	270.92	236.13	207.00
0.00	334.26	304.66	270.00	235.34	205.74	40	1.71	335.83	305.84	270.92	236.51	207.30
0.00	333.94	304.28	270.00	235.72	206.06	39	1.68	335.47	305.44	270.92	236.88	207.59
0.00	333.62	303.91	270.00	236.09	206.38	38	1.65	335.13	305.05	270.92	237.24	207.88
0.00	333.32	303.55	270.00	236.45	206.68	37	1.62	334.79	304.68	270.92	237.58	208.16
0.00	333.02	303.21	270.00	236.79	206.98	36	1.59	334.47	304.33	270.92	237.91	208.43
0.00	332.73	302.89	270.00	237.11	207.27	35	1.57	334.16	304.00	270.92	238.22	208.70
0.00	332.45	302.57	270.00	237.43	207.55	34	1.54	333.86	303.67	270.92	238.52	208.96
0.00	332.18	302.27	270.00	237.73	207.83	33	1.52	333.56	303.36	270.92	238.81	209.21
0.00	331.91	301.99	270.00	238.01	208.09	32	1.50	333.28	303.07	270.92	239.09	209.45
0.00	331.66	301.71	270.00	238.29	208.34	31	1.47	333.01	302.78	270.92	239.36	209.69
0.00	331.41	301.45	270.00	238.55	208.59	30	1.45	332.74	302.51	270.92	239.61	209.92
0.00	331.17	301.20	270.00	238.80	208.83	29	1.43	332.49	302.26	270.92	239.86	210.14
0.00	330.94	300.96	270.00	239.04	209.06	28	1.42	332.24	302.01	270.92	240.09	210.36
0.00	330.72	300.73	270.00	239.27	209.28	27	1.40	332.00	301.77	270.92	240.31	210.56
0.00	330.51	300.51	270.00	239.49	209.49	26	1.38	331.78	301.55	270.92	240.53	210.76
0.00	330.30	300.30	270.00	239.70	209.70	25	1.37	331.56	301.33	270.92	240.73	210.95
0.00	330.10	300.10	270.00	239.90	209.90	24	1.35	331.35	301.13	270.92	240.92	211.14
0.00	329.92	299.92	270.00	240.08	210.08	23	1.34	331.15	300.94	270.92	241.10	211.31
0.00	329.74	299.74	270.00	240.26	210.26	22	1.32	330.96	300.75	270.92	241.28	211.48
0.00	329.56	299.57	270.00	240.43	210.44	21	1.31	330.77	300.58	270.92	241.44	211.64
0.00	329.40	299.41	270.00	240.59	210.60	20	1.29	330.60	300.42	270.92	241.60	211.79
0.00	329.25	299.26	270.00	240.74	210.75	19	1.28	330.43	300.26	270.92	241.75	211.94
0.00	329.10	299.11	270.00	240.89	210.90	18	1.27	330.28	300.12	270.92	241.89	212.08
0.00	328.96	298.98	270.00	241.02	211.04	17	1.26	330.13	299.98	270.92	242.02	212.21
0.00	328.83	298.86	270.00	241.14	211.17	16	1.24	329.99	299.85	270.92	242.14	212.33
0.00	328.71	298.74	270.00	241.26	211.29	15	1.23	329.85	299.73	270.92	242.25	212.44
0.00	328.59	298.63	270.00	241.37	211.41	14	1.22	329.73	299.62	270.92	242.36	212.55
0.00	328.48	298.53	270.00	241.47	211.52	13	1.21	329.62	299.51	270.92	242.46	212.65
0.00	328.38	298.44	270.00	241.56	211.62	12	1.20	329.51	299.42	270.92	242.55	212.74
0.00	328.29	298.35	270.00	241.65	211.71	11	1.19	329.41	299.33	270.92	242.63	212.82
0.00	328.21	298.27	270.00	241.73	211.79	10	1.18	329.32	299.25	270.92	242.70	212.90
0.00	328.14	298.20	270.00	241.80	211.86	9	1.17	329.24	299.18	270.92	242.77	212.96
0.00	328.07	298.14	270.00	241.86	211.93	8	1.16	329.16	299.11	270.92	242.83	213.02
0.00	328.01	298.09	270.00	241.91	211.99	7	1.15	329.10	299.06	270.92	242.88	213.08
0.00	327.96	298.04	270.00	241.96	212.04	6	1.14	329.04	299.01	270.92	242.93	213.12
0.00	327.92	298.00	270.00	242.00	212.08	5	1.13	328.99	298.96	270.92	242.97	213.16
0.00	327.88	297.97	270.00	242.03	212.12	4	1.12	328.95	298.93	270.92	243.00	213.19
0.00	327.85	297.94	270.00	242.06	212.15	3	1.12	328.91	298.90	270.92	243.02	213.21
0.00	327.83	297.92	270.00	242.08	212.17	2	1.11	328.89	298.88	270.92	243.04	213.22
0.00	327.82	297.91	270.00	242.09	212.18	1	1.10	328.87	298.87	270.92	243.04	213.23
0.00	327.82	297.91	270.00	242.09	212.18	0	1.09	328.86	298.86	270.92	243.05	213.22

272°		Sternzeit				18h 8min	273°		Sternzeit				18h12min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
19.07	3.06	332.75	271.83	231.48	212.76	64	27.57	11.76	338.56	272.75	236.71	220.22	
14.41	357.85	328.61	271.83	229.59	209.12	63	21.17	4.58	333.06	272.75	233.78	215.13	
11.71	354.66	325.87	271.83	228.87	207.19	62	17.33	0.17	329.50	272.75	232.37	212.23	
9.95	352.43	323.81	271.83	228.69	206.10	61	14.79	357.12	326.91	272.75	231.72	210.46	
8.72	350.73	322.14	271.83	228.81	205.47	60	12.99	354.83	324.85	272.75	231.49	209.33	
7.81	349.36	320.71	271.83	229.10	205.13	59	11.65	353.02	323.15	272.75	231.51	208.60	
7.10	348.20	319.46	271.83	229.48	204.96	58	10.61	351.52	321.67	272.75	231.69	208.14	
6.55	347.18	318.33	271.83	229.92	204.92	57	9.79	350.24	320.37	272.75	231.97	207.87	
6.09	346.28	317.29	271.83	230.40	204.97	56	9.12	349.12	319.21	272.75	232.32	207.72	
5.72	345.46	316.34	271.83	230.90	205.09	55	8.56	348.12	318.14	272.75	232.71	207.66	
5.40	344.70	315.45	271.83	231.41	205.24	54	8.09	347.21	317.16	272.75	233.13	207.68	
5.13	344.00	314.62	271.83	231.92	205.44	53	7.68	346.38	316.25	272.75	233.56	207.75	
4.90	343.34	313.84	271.83	232.43	205.65	52	7.33	345.61	315.40	272.75	234.00	207.86	
4.69	342.72	313.10	271.83	232.94	205.89	51	7.02	344.89	314.60	272.75	234.45	208.01	
4.51	342.13	312.40	271.83	233.43	206.14	50	6.75	344.21	313.85	272.75	234.89	208.18	
4.35	341.56	311.74	271.83	233.91	206.40	49	6.51	343.57	313.15	272.75	235.33	208.37	
4.20	341.02	311.11	271.83	234.39	206.67	48	6.30	342.96	312.48	272.75	235.76	208.57	
4.07	340.51	310.51	271.83	234.85	206.94	47	6.10	342.38	311.84	272.75	236.18	208.78	
3.96	340.01	309.94	271.83	235.29	207.22	46	5.93	341.83	311.24	272.75	236.60	209.01	
3.85	339.54	309.39	271.83	235.73	207.49	45	5.77	341.30	310.67	272.75	237.01	209.23	
3.75	339.08	308.87	271.83	236.14	207.77	44	5.62	340.80	310.12	272.75	237.40	209.47	
3.66	338.63	308.37	271.83	236.55	208.05	43	5.48	340.31	309.60	272.75	237.78	209.70	
3.58	338.21	307.90	271.83	236.94	208.32	42	5.36	339.85	309.11	272.75	238.16	209.94	
3.50	337.79	307.44	271.83	237.32	208.59	41	5.24	339.40	308.63	272.75	238.52	210.17	
3.43	337.40	307.01	271.83	237.69	208.86	40	5.14	338.97	308.18	272.75	238.86	210.41	
3.36	337.01	306.59	271.83	238.04	209.12	39	5.04	338.55	307.75	272.75	239.20	210.64	
3.30	336.64	306.20	271.83	238.38	209.38	38	4.94	338.15	307.34	272.75	239.53	210.87	
3.24	336.28	305.82	271.83	238.71	209.63	37	4.85	337.76	306.95	272.75	239.84	211.10	
3.18	335.93	305.45	271.83	239.03	209.88	36	4.77	337.39	306.57	272.75	240.15	211.32	
3.13	335.59	305.10	271.83	239.33	210.12	35	4.69	337.03	306.21	272.75	240.44	211.55	
3.08	335.27	304.77	271.83	239.62	210.36	34	4.62	336.68	305.87	272.75	240.72	211.76	
3.03	334.95	304.45	271.83	239.90	210.59	33	4.55	336.34	305.54	272.75	240.99	211.97	
2.99	334.65	304.15	271.83	240.17	210.82	32	4.48	336.02	305.23	272.75	241.25	212.18	
2.95	334.36	303.86	271.83	240.43	211.04	31	4.42	335.71	304.93	272.75	241.50	212.38	
2.91	334.08	303.58	271.83	240.68	211.25	30	4.36	335.41	304.64	272.75	241.74	212.57	
2.87	333.80	303.31	271.83	240.91	211.45	29	4.30	335.12	304.37	272.75	241.97	212.76	
2.83	333.54	303.06	271.83	241.14	211.65	28	4.25	334.85	304.11	272.75	242.19	212.95	
2.80	333.29	302.82	271.83	241.36	211.84	27	4.20	334.58	303.86	272.75	242.40	213.12	
2.76	333.05	302.59	271.83	241.56	212.03	26	4.15	334.32	303.62	272.75	242.60	213.29	
2.73	332.82	302.37	271.83	241.76	212.21	25	4.10	334.08	303.40	272.75	242.79	213.46	
2.70	332.59	302.16	271.83	241.95	212.38	24	4.05	333.84	303.19	272.75	242.97	213.62	
2.67	332.38	301.96	271.83	242.13	212.54	23	4.01	333.62	302.98	272.75	243.15	213.77	
2.64	332.18	301.77	271.83	242.29	212.70	22	3.96	333.40	302.79	272.75	243.31	213.91	
2.62	331.98	301.59	271.83	242.46	212.85	21	3.92	333.19	302.61	272.75	243.47	214.05	
2.59	331.80	301.43	271.83	242.61	212.99	20	3.88	333.00	302.44	272.75	243.61	214.18	
2.56	331.62	301.27	271.83	242.75	213.12	19	3.84	332.81	302.27	272.75	243.75	214.30	
2.54	331.45	301.12	271.83	242.89	213.25	18	3.81	332.63	302.12	272.75	243.88	214.42	
2.51	331.30	300.98	271.83	243.01	213.37	17	3.77	332.47	301.98	272.75	244.01	214.53	
2.49	331.15	300.84	271.83	243.13	213.48	16	3.73	332.31	301.84	272.75	244.12	214.64	
2.47	331.00	300.72	271.83	243.24	213.59	15	3.70	332.16	301.71	272.75	244.23	214.73	
2.44	330.87	300.61	271.83	243.34	213.69	14	3.67	332.02	301.60	272.75	244.33	214.82	
2.42	330.75	300.50	271.83	243.44	213.78	13	3.63	331.88	301.49	272.75	244.42	214.90	
2.40	330.63	300.40	271.83	243.53	213.86	12	3.60	331.76	301.38	272.75	244.51	214.98	
2.38	330.53	300.31	271.83	243.61	213.93	11	3.57	331.64	301.29	272.75	244.58	215.04	
2.36	330.43	300.23	271.83	243.68	214.00	10	3.54	331.54	301.21	272.75	244.65	215.10	
2.34	330.34	300.15	271.83	243.74	214.06	9	3.51	331.44	301.13	272.75	244.71	215.16	
2.32	330.26	300.09	271.83	243.80	214.11	8	3.48	331.35	301.06	272.75	244.77	215.20	
2.30	330.18	300.03	271.83	243.85	214.16	7	3.45	331.27	301.00	272.75	244.82	215.24	
2.28	330.12	299.98	271.83	243.89	214.20	6	3.43	331.20	300.94	272.75	244.86	215.27	
2.27	330.06	299.93	271.83	243.93	214.23	5	3.40	331.14	300.90	272.75	244.89	215.29	
2.25	330.01	299.89	271.83	243.96	214.25	4	3.37	331.08	300.86	272.75	244.92	215.31	
2.23	329.97	299.86	271.83	243.98	214.26	3	3.35	331.04	300.83	272.75	244.94	215.32	
2.21	329.94	299.84	271.83	243.99	214.27	2	3.32	331.00	300.80	272.75	244.95	215.32	
2.20	329.92	299.83	271.83	244.00	214.27	1	3.29	330.97	300.79	272.75	244.95	215.31	
2.18	329.90	299.82	271.83	244.00	214.26	0	3.27	330.95	300.78	272.75	244.95	215.30	

274°		Sternzeit			18h16min		Br.	275°		Sternzeit			18h20min	
Asz.	XII	XI	MC	IX	VIII	Asz.		XII	XI	MC	IX	VIII		
35.10	19.73	343.95	273.67	241.35	226.72	64	41.65	26.87	348.88	274.59	245.42	232.33		
27.47	11.02	337.32	273.67	237.69	220.66	63	33.26	17.07	341.34	274.59	241.30	225.68		
22.70	5.53	333.03	273.67	235.72	216.99	62	27.77	10.70	336.43	274.59	238.89	221.44		
19.48	1.73	329.93	273.67	234.65	214.64	61	23.97	6.23	332.88	274.59	237.48	218.61		
17.16	358.89	327.52	273.67	234.11	213.07	60	21.20	2.88	330.13	274.59	236.65	216.66		
15.42	356.66	325.55	273.67	233.88	211.99	59	19.11	0.26	327.91	274.59	236.21	215.28		
14.07	354.84	323.87	273.67	233.87	211.26	58	17.46	358.12	326.03	274.59	236.02	214.29		
12.99	353.29	322.40	273.67	234.00	210.75	57	16.14	356.33	324.41	274.59	236.00	213.58		
12.11	351.96	321.10	273.67	234.22	210.42	56	15.06	354.78	322.98	274.59	236.10	213.07		
11.37	350.78	319.93	273.67	234.50	210.21	55	14.15	353.43	321.70	274.59	236.28	212.71		
10.75	349.72	318.85	273.67	234.83	210.09	54	13.39	352.22	320.54	274.59	236.53	212.46		
10.22	348.76	317.87	273.67	235.19	210.04	53	12.73	351.13	319.47	274.59	236.81	212.31		
9.75	347.87	316.95	273.67	235.56	210.05	52	12.16	350.14	318.49	274.59	237.12	212.22		
9.35	347.05	316.10	273.67	235.95	210.11	51	11.66	349.22	317.58	274.59	237.45	212.19		
8.99	346.29	315.30	273.67	236.34	210.20	50	11.21	348.37	316.74	274.59	237.80	212.20		
8.67	345.57	314.55	273.67	236.74	210.32	49	10.82	347.58	315.94	274.59	238.15	212.25		
8.39	344.90	313.84	273.67	237.13	210.46	48	10.46	346.83	315.20	274.59	238.50	212.33		
8.13	344.26	313.17	273.67	237.52	210.61	47	10.14	346.13	314.50	274.59	238.86	212.43		
7.89	343.65	312.54	273.67	237.91	210.78	46	9.85	345.47	313.83	274.59	239.21	212.55		
7.68	343.07	311.94	273.67	238.28	210.97	45	9.59	344.84	313.21	274.59	239.56	212.69		
7.49	342.52	311.37	273.67	238.65	211.15	44	9.34	344.24	312.61	274.59	239.91	212.83		
7.31	341.99	310.83	273.67	239.01	211.35	43	9.12	343.67	312.05	274.59	240.25	212.99		
7.14	341.49	310.31	273.67	239.37	211.55	42	8.92	343.13	311.52	274.59	240.58	213.15		
6.99	341.00	309.82	273.67	239.71	211.75	41	8.72	342.61	311.01	274.59	240.90	213.32		
6.84	340.54	309.35	273.67	240.04	211.95	40	8.55	342.11	310.52	274.59	241.21	213.49		
6.71	340.09	308.91	273.67	240.36	212.16	39	8.38	341.63	310.06	274.59	241.52	213.67		
6.59	339.66	308.48	273.67	240.67	212.36	38	8.22	341.17	309.62	274.59	241.82	213.84		
6.47	339.25	308.08	273.67	240.97	212.56	37	8.08	340.73	309.20	274.59	242.11	214.02		
6.36	338.85	307.69	273.67	241.27	212.76	36	7.94	340.31	308.81	274.59	242.38	214.20		
6.25	338.46	307.32	273.67	241.55	212.96	35	7.81	339.90	308.42	274.59	242.65	214.37		
6.16	338.09	306.97	273.67	241.82	213.16	34	7.69	339.51	308.06	274.59	242.91	214.55		
6.06	337.74	306.63	273.67	242.08	213.35	33	7.57	339.13	307.72	274.59	243.17	214.72		
5.97	337.40	306.31	273.67	242.33	213.53	32	7.46	338.77	307.38	274.59	243.41	214.89		
5.89	337.07	306.00	273.67	242.57	213.72	31	7.36	338.42	307.07	274.59	243.64	215.05		
5.81	336.75	305.71	273.67	242.80	213.89	30	7.26	338.09	306.77	274.59	243.86	215.21		
5.73	336.44	305.43	273.67	243.02	214.07	29	7.16	337.77	306.48	274.59	244.08	215.37		
5.66	336.15	305.16	273.67	243.24	214.23	28	7.07	337.46	306.21	274.59	244.28	215.52		
5.59	335.87	304.91	273.67	243.44	214.40	27	6.99	337.16	305.95	274.59	244.48	215.67		
5.53	335.60	304.66	273.67	243.63	214.55	26	6.90	336.87	305.70	274.59	244.67	215.81		
5.46	335.34	304.43	273.67	243.82	214.71	25	6.82	336.60	305.47	274.59	244.85	215.95		
5.40	335.09	304.21	273.67	244.00	214.85	24	6.75	336.34	305.24	274.59	245.02	216.08		
5.34	334.85	304.01	273.67	244.17	214.99	23	6.67	336.09	305.03	274.59	245.18	216.21		
5.28	334.62	303.81	273.67	244.33	215.12	22	6.60	335.85	304.83	274.59	245.34	216.33		
5.23	334.41	303.62	273.67	244.48	215.25	21	6.53	335.62	304.64	274.59	245.49	216.45		
5.17	334.20	303.45	273.67	244.62	215.37	20	6.47	335.40	304.46	274.59	245.63	216.56		
5.12	334.00	303.28	273.67	244.76	215.48	19	6.40	335.19	304.29	274.59	245.76	216.66		
5.07	333.81	303.12	273.67	244.88	215.59	18	6.34	335.00	304.13	274.59	245.88	216.76		
5.02	333.64	302.97	273.67	245.00	215.69	17	6.28	334.81	303.98	274.59	246.00	216.85		
4.98	333.47	302.84	273.67	245.11	215.79	16	6.22	334.63	303.83	274.59	246.10	216.93		
4.93	333.31	302.71	273.67	245.22	215.87	15	6.16	334.46	303.70	274.59	246.20	217.01		
4.89	333.16	302.59	273.67	245.31	215.95	14	6.11	334.30	303.58	274.59	246.30	217.08		
4.84	333.02	302.47	273.67	245.40	216.03	13	6.05	334.16	303.46	274.59	246.38	217.15		
4.80	332.89	302.37	273.67	245.48	216.09	12	6.00	334.02	303.35	274.59	246.46	217.21		
4.76	332.76	302.27	273.67	245.56	216.15	11	5.95	333.89	303.26	274.59	246.53	217.26		
4.72	332.65	302.19	273.67	245.63	216.21	10	5.90	333.76	303.17	274.59	246.60	217.31		
4.68	332.55	302.11	273.67	245.69	216.25	9	5.85	333.65	303.08	274.59	246.66	217.34		
4.64	332.45	302.03	273.67	245.74	216.29	8	5.80	333.55	303.01	274.59	246.71	217.38		
4.60	332.36	301.97	273.67	245.78	216.32	7	5.75	333.45	302.95	274.59	246.75	217.40		
4.57	332.28	301.92	273.67	245.82	216.34	6	5.71	333.37	302.89	274.59	246.79	217.42		
4.53	332.21	301.87	273.67	245.85	216.36	5	5.66	333.29	302.84	274.59	246.81	217.43		
4.49	332.15	301.83	273.67	245.88	216.37	4	5.62	333.22	302.79	274.59	246.84	217.43		
4.46	332.10	301.79	273.67	245.89	216.37	3	5.57	333.16	302.76	274.59	246.85	217.43		
4.43	332.06	301.77	273.67	245.91	216.37	2	5.53	333.11	302.73	274.59	246.86	217.41		
4.39	332.02	301.75	273.67	245.91	216.36	1	5.49	333.07	302.71	274.59	246.86	217.40		
4.36	331.99	301.74	273.67	245.90	216.34	0	5.45	333.04	302.70	274.59	246.86	217.37		

276°						277°						
Sternzeit						Sternzeit						
18h24min						18h28min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
47.30	33.17	353.36	275.51	248.98	237.15	64	52.16	38.69	357.43	276.43	252.09	241.29
38.51	22.68	345.12	275.51	244.60	230.22	63	43.25	27.84	348.64	276.43	247.62	234.29
32.52	15.63	339.67	275.51	241.88	225.58	62	36.93	20.28	342.75	276.43	244.69	229.40
28.26	10.58	335.72	275.51	240.18	222.37	61	32.32	14.77	338.46	276.43	242.76	225.92
25.10	6.78	332.68	275.51	239.12	220.10	60	28.84	10.57	335.15	276.43	241.51	223.39
22.68	3.80	330.22	275.51	238.49	218.45	59	26.15	7.26	332.47	276.43	240.70	221.51
20.78	1.36	328.16	275.51	238.13	217.24	58	24.00	4.55	330.24	276.43	240.20	220.10
19.23	359.33	326.39	275.51	237.98	216.34	57	22.26	2.29	328.33	276.43	239.92	219.02
17.96	357.58	324.83	275.51	237.96	215.66	56	20.81	0.36	326.66	276.43	239.80	218.20
16.90	356.06	323.45	275.51	238.05	215.16	55	19.60	358.67	325.18	276.43	239.79	217.57
16.00	354.71	322.20	275.51	238.21	214.80	54	18.57	357.18	323.85	276.43	239.88	217.10
15.22	353.49	321.07	275.51	238.42	214.54	53	17.67	355.84	322.65	276.43	240.02	216.74
14.54	352.39	320.03	275.51	238.67	214.36	52	16.90	354.63	321.55	276.43	240.21	216.47
13.95	351.38	319.06	275.51	238.95	214.25	51	16.21	353.53	320.53	276.43	240.43	216.28
13.42	350.45	318.17	275.51	239.24	214.19	50	15.61	352.51	319.59	276.43	240.68	216.15
12.95	349.58	317.33	275.51	239.55	214.17	49	15.06	351.57	318.71	276.43	240.95	216.07
12.53	348.77	316.55	275.51	239.87	214.19	48	14.58	350.70	317.90	276.43	241.23	216.03
12.15	348.01	315.82	275.51	240.19	214.24	47	14.14	349.87	317.13	276.43	241.52	216.02
11.80	347.29	315.13	275.51	240.52	214.31	46	13.74	349.10	316.41	276.43	241.82	216.05
11.49	346.61	314.47	275.51	240.84	214.40	45	13.37	348.37	315.73	276.43	242.11	216.09
11.20	345.97	313.86	275.51	241.16	214.50	44	13.04	347.69	315.09	276.43	242.41	216.16
10.93	345.35	313.27	275.51	241.47	214.62	43	12.73	347.03	314.49	276.43	242.70	216.24
10.68	344.77	312.72	275.51	241.79	214.75	42	12.44	346.41	313.92	276.43	242.99	216.33
10.46	344.21	312.19	275.51	242.09	214.88	41	12.18	345.82	313.37	276.43	243.28	216.44
10.24	343.68	311.69	275.51	242.39	215.02	40	11.93	345.25	312.86	276.43	243.56	216.55
10.04	343.17	311.22	275.51	242.68	215.17	39	11.70	344.71	312.37	276.43	243.83	216.67
9.86	342.68	310.76	275.51	242.96	215.32	38	11.49	344.20	311.90	276.43	244.10	216.79
9.68	342.22	310.33	275.51	243.24	215.47	37	11.29	343.70	311.46	276.43	244.36	216.92
9.52	341.77	309.92	275.51	243.50	215.63	36	11.10	343.23	311.04	276.43	244.62	217.05
9.37	341.34	309.53	275.51	243.76	215.78	35	10.92	342.77	310.64	276.43	244.87	217.18
9.22	340.92	309.16	275.51	244.01	215.93	34	10.75	342.34	310.25	276.43	245.11	217.31
9.08	340.53	308.80	275.51	244.25	216.08	33	10.59	341.92	309.89	276.43	245.34	217.44
8.95	340.14	308.46	275.51	244.48	216.23	32	10.43	341.52	309.54	276.43	245.56	217.58
8.82	339.78	308.14	275.51	244.71	216.38	31	10.29	341.13	309.21	276.43	245.78	217.71
8.71	339.43	307.83	275.51	244.92	216.52	30	10.15	340.76	308.90	276.43	245.99	217.83
8.59	339.09	307.54	275.51	245.13	216.67	29	10.02	340.41	308.60	276.43	246.19	217.96
8.48	338.76	307.26	275.51	245.33	216.80	28	9.89	340.07	308.31	276.43	246.38	218.08
8.38	338.45	306.99	275.51	245.52	216.94	27	9.77	339.74	308.04	276.43	246.56	218.20
8.28	338.15	306.74	275.51	245.70	217.07	26	9.65	339.43	307.78	276.43	246.74	218.32
8.18	337.86	306.50	275.51	245.88	217.19	25	9.54	339.13	307.54	276.43	246.91	218.43
8.09	337.59	306.27	275.51	246.04	217.31	24	9.43	338.84	307.30	276.43	247.07	218.54
8.00	337.33	306.05	275.51	246.20	217.43	23	9.33	338.56	307.08	276.43	247.22	218.64
7.92	337.08	305.85	275.51	246.35	217.54	22	9.23	338.30	306.87	276.43	247.37	218.74
7.84	336.84	305.65	275.51	246.50	217.64	21	9.14	338.05	306.67	276.43	247.50	218.83
7.76	336.61	305.47	275.51	246.63	217.74	20	9.04	337.81	306.48	276.43	247.63	218.92
7.68	336.39	305.30	275.51	246.76	217.84	19	8.95	337.58	306.30	276.43	247.76	219.01
7.60	336.18	305.13	275.51	246.88	217.92	18	8.87	337.36	306.14	276.43	247.87	219.09
7.53	335.98	304.98	275.51	246.99	218.00	17	8.78	337.16	305.98	276.43	247.98	219.16
7.46	335.79	304.83	275.51	247.09	218.08	16	8.70	336.96	305.83	276.43	248.08	219.22
7.39	335.62	304.70	275.51	247.19	218.15	15	8.62	336.77	305.69	276.43	248.18	219.29
7.32	335.45	304.57	275.51	247.28	218.21	14	8.54	336.60	305.56	276.43	248.26	219.34
7.26	335.29	304.45	275.51	247.36	218.27	13	8.47	336.43	305.44	276.43	248.34	219.39
7.20	335.15	304.34	275.51	247.44	218.32	12	8.39	336.28	305.33	276.43	248.42	219.43
7.14	335.01	304.24	275.51	247.51	218.37	11	8.32	336.13	305.23	276.43	248.48	219.47
7.07	334.88	304.15	275.51	247.57	218.40	10	8.25	335.99	305.13	276.43	248.54	219.50
7.02	334.76	304.06	275.51	247.63	218.43	9	8.18	335.87	305.04	276.43	248.59	219.52
6.96	334.65	303.99	275.51	247.67	218.46	8	8.12	335.75	304.97	276.43	248.64	219.54
6.90	334.55	303.92	275.51	247.71	218.48	7	8.05	335.64	304.90	276.43	248.68	219.55
6.85	334.45	303.86	275.51	247.75	218.49	6	7.99	335.54	304.83	276.43	248.71	219.55
6.79	334.37	303.81	275.51	247.77	218.49	5	7.92	335.45	304.78	276.43	248.73	219.55
6.74	334.30	303.76	275.51	247.79	218.49	4	7.86	335.37	304.73	276.43	248.75	219.54
6.69	334.23	303.73	275.51	247.81	218.48	3	7.80	335.30	304.69	276.43	248.76	219.53
6.64	334.17	303.70	275.51	247.81	218.46	2	7.74	335.23	304.66	276.43	248.77	219.50
6.59	334.13	303.67	275.51	247.81	218.44	1	7.68	335.18	304.64	276.43	248.77	219.47
6.54	334.09	303.66	275.51	247.81	218.40	0	7.62	335.13	304.62	276.43	248.76	219.43

278° Sternzeit 18h32min						279° Sternzeit 18h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
56.37	43.53	1.14	277.35	254.83	244.88	64	60.03	47.77	4.52	278.27	257.26	248.01
47.52	32.56	351.93	277.35	250.36	237.95	63	51.35	36.85	354.99	278.27	252.87	241.24
41.01	24.65	345.68	277.35	247.31	232.93	62	44.77	28.74	348.45	278.27	249.75	236.17
36.14	18.77	341.09	277.35	245.22	229.25	61	39.73	22.57	343.61	278.27	247.55	232.37
32.41	14.24	337.54	277.35	243.80	226.51	60	35.81	17.76	339.85	278.27	246.00	229.47
29.48	10.63	334.67	277.35	242.84	224.44	59	32.68	13.90	336.81	278.27	244.92	227.25
27.13	7.68	332.28	277.35	242.22	222.86	58	30.16	10.73	334.27	278.27	244.18	225.52
25.20	5.21	330.24	277.35	241.83	221.63	57	28.07	8.07	332.11	278.27	243.69	224.16
23.60	3.09	328.46	277.35	241.61	220.68	56	26.33	5.79	330.23	278.27	243.38	223.09
22.25	1.25	326.89	277.35	241.52	219.93	55	24.85	3.80	328.58	278.27	243.22	222.23
21.10	359.63	325.49	277.35	241.52	219.35	54	23.58	2.05	327.10	278.27	243.15	221.56
20.10	358.18	324.21	277.35	241.60	218.90	53	22.48	0.49	325.76	278.27	243.17	221.02
19.22	356.86	323.05	277.35	241.74	218.55	52	21.52	359.08	324.55	278.27	243.25	220.59
18.45	355.67	321.99	277.35	241.91	218.28	51	20.67	357.79	323.43	278.27	243.38	220.26
17.77	354.57	321.00	277.35	242.12	218.08	50	19.91	356.62	322.40	278.27	243.54	220.00
17.16	353.56	320.09	277.35	242.35	217.94	49	19.24	355.54	321.45	278.27	243.73	219.80
16.61	352.62	319.24	277.35	242.59	217.85	48	18.63	354.53	320.57	278.27	243.94	219.65
16.11	351.74	318.44	277.35	242.85	217.80	47	18.07	353.59	319.74	278.27	244.17	219.55
15.66	350.91	317.69	277.35	243.11	217.77	46	17.57	352.71	318.97	278.27	244.40	219.48
15.25	350.13	316.99	277.35	243.38	217.78	45	17.11	351.89	318.24	278.27	244.65	219.44
14.87	349.40	316.33	277.35	243.65	217.80	44	16.69	351.11	317.56	278.27	244.90	219.43
14.52	348.71	315.70	277.35	243.93	217.85	43	16.30	350.38	316.91	278.27	245.15	219.44
14.20	348.05	315.11	277.35	244.20	217.91	42	15.94	349.68	316.30	278.27	245.40	219.47
13.90	347.42	314.55	277.35	244.46	217.98	41	15.60	349.02	315.73	278.27	245.65	219.51
13.62	346.82	314.02	277.35	244.73	218.06	40	15.29	348.39	315.18	278.27	245.90	219.57
13.36	346.25	313.52	277.35	244.99	218.15	39	15.00	347.79	314.66	278.27	246.14	219.63
13.11	345.71	313.04	277.35	245.24	218.25	38	14.73	347.21	314.17	278.27	246.38	219.71
12.88	345.19	312.58	277.35	245.49	218.36	37	14.47	346.67	313.71	278.27	246.62	219.79
12.66	344.69	312.15	277.35	245.74	218.46	36	14.23	346.14	313.26	278.27	246.85	219.87
12.46	344.21	311.74	277.35	245.97	218.57	35	14.00	345.64	312.84	278.27	247.07	219.96
12.27	343.75	311.35	277.35	246.20	218.69	34	13.78	345.17	312.44	278.27	247.29	220.05
12.08	343.31	310.98	277.35	246.42	218.80	33	13.58	344.71	312.06	278.27	247.51	220.15
11.91	342.89	310.62	277.35	246.64	218.91	32	13.38	344.27	311.70	278.27	247.71	220.25
11.75	342.49	310.28	277.35	246.84	219.03	31	13.20	343.84	311.35	278.27	247.91	220.34
11.59	342.10	309.96	277.35	247.05	219.14	30	13.02	343.44	311.02	278.27	248.10	220.44
11.44	341.73	309.65	277.35	247.24	219.25	29	12.85	343.05	310.71	278.27	248.29	220.53
11.29	341.37	309.36	277.35	247.42	219.36	28	12.69	342.68	310.41	278.27	248.47	220.63
11.16	341.03	309.08	277.35	247.60	219.46	27	12.54	342.32	310.13	278.27	248.64	220.72
11.02	340.71	308.82	277.35	247.77	219.57	26	12.39	341.98	309.86	278.27	248.80	220.81
10.90	340.39	308.57	277.35	247.93	219.67	25	12.25	341.66	309.60	278.27	248.96	220.90
10.78	340.09	308.33	277.35	248.09	219.76	24	12.11	341.34	309.36	278.27	249.11	220.98
10.66	339.80	308.11	277.35	248.24	219.85	23	11.98	341.04	309.13	278.27	249.25	221.06
10.54	339.53	307.89	277.35	248.38	219.94	22	11.85	340.76	308.91	278.27	249.39	221.14
10.43	339.27	307.69	277.35	248.51	220.02	21	11.73	340.48	308.71	278.27	249.52	221.21
10.33	339.01	307.50	277.35	248.64	220.10	20	11.61	340.22	308.51	278.27	249.64	221.28
10.23	338.78	307.31	277.35	248.76	220.18	19	11.50	339.97	308.32	278.27	249.76	221.34
10.13	338.55	307.14	277.35	248.87	220.24	18	11.39	339.73	308.15	278.27	249.86	221.40
10.03	338.33	306.98	277.35	248.97	220.31	17	11.28	339.51	307.99	278.27	249.97	221.46
9.94	338.12	306.83	277.35	249.07	220.37	16	11.17	339.29	307.83	278.27	250.06	221.50
9.85	337.93	306.69	277.35	249.16	220.42	15	11.07	339.09	307.69	278.27	250.15	221.55
9.76	337.74	306.56	277.35	249.25	220.47	14	10.97	338.89	307.55	278.27	250.23	221.59
9.67	337.57	306.43	277.35	249.32	220.51	13	10.88	338.71	307.43	278.27	250.30	221.62
9.59	337.41	306.32	277.35	249.39	220.54	12	10.78	338.54	307.31	278.27	250.37	221.65
9.51	337.25	306.21	277.35	249.46	220.57	11	10.69	338.38	307.20	278.27	250.43	221.67
9.43	337.11	306.12	277.35	249.51	220.59	10	10.60	338.22	307.10	278.27	250.48	221.68
9.35	336.97	306.03	277.35	249.56	220.61	9	10.51	338.08	307.01	278.27	250.53	221.69
9.27	336.85	305.95	277.35	249.61	220.62	8	10.43	337.95	306.93	278.27	250.57	221.70
9.20	336.73	305.87	277.35	249.64	220.62	7	10.34	337.83	306.85	278.27	250.60	221.69
9.12	336.63	305.81	277.35	249.67	220.62	6	10.26	337.72	306.79	278.27	250.63	221.69
9.05	336.53	305.75	277.35	249.69	220.61	5	10.18	337.61	306.73	278.27	250.65	221.67
8.98	336.44	305.70	277.35	249.71	220.60	4	10.10	337.52	306.68	278.27	250.67	221.65
8.91	336.37	305.66	277.35	249.72	220.57	3	10.02	337.43	306.63	278.27	250.67	221.62
8.84	336.30	305.63	277.35	249.72	220.54	2	9.94	337.36	306.60	278.27	250.67	221.58
8.78	336.24	305.61	277.35	249.72	220.51	1	9.87	337.29	306.57	278.27	250.67	221.54
8.71	336.18	305.59	277.35	249.70	220.46	0	9.80	337.23	306.55	278.27	250.65	221.49

280° Sternzeit 18h40min

281° Sternzeit 18h44min

Asz.	XII	XI	MC	IX	VIII
63.24	51.50	7.62	279.19	259.44	250.77
54.81	40.75	357.84	279.19	255.17	244.21
48.24	32.54	351.06	279.19	252.04	239.17
43.10	26.18	346.02	279.19	249.76	235.29
39.03	21.15	342.08	279.19	248.11	232.28
35.75	17.07	338.88	279.19	246.93	229.93
33.08	13.71	336.22	279.19	246.10	228.08
30.85	10.87	333.95	279.19	245.52	226.61
28.98	8.43	331.97	279.19	245.13	225.43
27.39	6.31	330.24	279.19	244.89	224.48
26.02	4.44	328.69	279.19	244.76	223.72
24.83	2.77	327.29	279.19	244.72	223.10
23.78	1.27	326.02	279.19	244.75	222.60
22.85	359.90	324.86	279.19	244.83	222.20
22.03	358.65	323.80	279.19	244.96	221.88
21.29	357.50	322.81	279.19	245.11	221.63
20.62	356.43	321.89	279.19	245.29	221.43
20.01	355.44	321.04	279.19	245.48	221.28
19.46	354.51	320.24	279.19	245.69	221.17
18.96	353.64	319.49	279.19	245.91	221.10
18.49	352.82	318.78	279.19	246.14	221.05
18.07	352.04	318.12	279.19	246.37	221.02
17.67	351.31	317.49	279.19	246.60	221.02
17.30	350.61	316.90	279.19	246.83	221.03
16.96	349.95	316.34	279.19	247.06	221.06
16.63	349.32	315.81	279.19	247.29	221.10
16.33	348.72	315.31	279.19	247.52	221.15
16.05	348.15	314.83	279.19	247.74	221.21
15.78	347.60	314.38	279.19	247.96	221.27
15.53	347.08	313.94	279.19	248.18	221.34
15.29	346.58	313.53	279.19	248.39	221.42
15.07	346.10	313.15	279.19	248.59	221.49
14.85	345.64	312.77	279.19	248.79	221.57
14.65	345.20	312.42	279.19	248.98	221.65
14.45	344.78	312.09	279.19	249.16	221.73
14.27	344.37	311.77	279.19	249.34	221.81
14.09	343.99	311.46	279.19	249.51	221.89
13.92	343.61	311.18	279.19	249.68	221.97
13.75	343.26	310.90	279.19	249.84	222.05
13.60	342.92	310.64	279.19	249.99	222.12
13.45	342.59	310.39	279.19	250.13	222.20
13.30	342.28	310.16	279.19	250.27	222.26
13.16	341.98	309.93	279.19	250.40	222.33
13.02	341.70	309.72	279.19	250.53	222.39
12.89	341.42	309.52	279.19	250.64	222.45
12.77	341.16	309.34	279.19	250.75	222.51
12.64	340.92	309.16	279.19	250.86	222.55
12.52	340.68	308.99	279.19	250.96	222.60
12.41	340.46	308.83	279.19	251.05	222.64
12.29	340.24	308.69	279.19	251.13	222.68
12.18	340.04	308.55	279.19	251.21	222.71
12.08	339.85	308.42	279.19	251.28	222.73
11.97	339.67	308.30	279.19	251.34	222.75
11.87	339.50	308.19	279.19	251.40	222.77
11.77	339.34	308.09	279.19	251.45	222.77
11.67	339.19	307.99	279.19	251.50	222.78
11.58	339.05	307.91	279.19	251.54	222.77
11.49	338.92	307.83	279.19	251.57	222.76
11.39	338.80	307.76	279.19	251.59	222.75
11.30	338.69	307.70	279.19	251.61	222.73
11.22	338.59	307.65	279.19	251.62	222.70
11.13	338.50	307.61	279.19	251.63	222.66
11.05	338.42	307.57	279.19	251.62	222.62
10.96	338.35	307.54	279.19	251.62	222.57
10.88	338.28	307.52	279.19	251.60	222.52

Br.	Asz.	XII	XI	MC	IX	VIII
64	66.08	54.80	10.47	280.11	261.42	253.23
63	57.93	44.31	0.51	280.11	257.29	246.91
62	51.44	36.08	353.54	280.11	254.18	241.93
61	46.25	29.59	348.32	280.11	251.85	238.02
60	42.08	24.38	344.22	280.11	250.14	234.94
59	38.69	20.13	340.89	280.11	248.87	232.50
58	35.89	16.60	338.11	280.11	247.96	230.55
57	33.55	13.60	335.74	280.11	247.30	228.98
56	31.57	11.03	333.68	280.11	246.84	227.71
55	29.87	8.78	331.87	280.11	246.54	226.67
54	28.40	6.80	330.25	280.11	246.35	225.83
53	27.13	5.03	328.80	280.11	246.26	225.14
52	26.00	3.44	327.49	280.11	246.24	224.57
51	25.00	1.99	326.28	280.11	246.28	224.11
50	24.11	0.67	325.18	280.11	246.36	223.74
49	23.31	359.45	324.15	280.11	246.48	223.43
48	22.59	358.32	323.21	280.11	246.62	223.19
47	21.94	357.27	322.32	280.11	246.79	223.00
46	21.34	356.29	321.50	280.11	246.97	222.85
45	20.79	355.38	320.73	280.11	247.17	222.73
44	20.28	354.51	320.00	280.11	247.37	222.65
43	19.82	353.70	319.32	280.11	247.58	222.59
42	19.39	352.93	318.68	280.11	247.79	222.56
41	18.99	352.20	318.07	280.11	248.01	222.55
40	18.61	351.51	317.50	280.11	248.23	222.55
39	18.26	350.85	316.95	280.11	248.44	222.56
38	17.93	350.22	316.44	280.11	248.66	222.59
37	17.62	349.62	315.95	280.11	248.87	222.62
36	17.33	349.05	315.49	280.11	249.07	222.67
35	17.06	348.51	315.04	280.11	249.28	222.72
34	16.80	347.99	314.63	280.11	249.48	222.77
33	16.55	347.49	314.23	280.11	249.67	222.83
32	16.31	347.01	313.85	280.11	249.86	222.89
31	16.09	346.55	313.49	280.11	250.04	222.96
30	15.88	346.11	313.15	280.11	250.22	223.02
29	15.67	345.69	312.82	280.11	250.39	223.09
28	15.48	345.29	312.51	280.11	250.56	223.15
27	15.29	344.90	312.22	280.11	250.71	223.22
26	15.11	344.53	311.94	280.11	250.87	223.28
25	14.94	344.18	311.68	280.11	251.01	223.35
24	14.78	343.84	311.42	280.11	251.15	223.41
23	14.62	343.52	311.18	280.11	251.29	223.46
22	14.46	343.21	310.96	280.11	251.41	223.52
21	14.31	342.91	310.74	280.11	251.53	223.57
20	14.17	342.63	310.54	280.11	251.65	223.62
19	14.03	342.36	310.35	280.11	251.75	223.66
18	13.90	342.10	310.17	280.11	251.85	223.71
17	13.77	341.86	310.00	280.11	251.95	223.74
16	13.64	341.62	309.84	280.11	252.03	223.77
15	13.51	341.40	309.69	280.11	252.12	223.80
14	13.39	341.19	309.54	280.11	252.19	223.82
13	13.28	340.99	309.41	280.11	252.26	223.84
12	13.16	340.80	309.29	280.11	252.32	223.85
11	13.05	340.63	309.18	280.11	252.37	223.86
10	12.94	340.46	309.07	280.11	252.42	223.86
9	12.83	340.30	308.98	280.11	252.46	223.86
8	12.73	340.16	308.89	280.11	252.50	223.85
7	12.63	340.02	308.81	280.11	252.53	223.83
6	12.53	339.89	308.74	280.11	252.55	223.81
5	12.43	339.78	308.68	280.11	252.57	223.78
4	12.33	339.67	308.63	280.11	252.58	223.74
3	12.24	339.57	308.58	280.11	252.58	223.70
2	12.14	339.48	308.54	280.11	252.58	223.66
1	12.05	339.41	308.51	280.11	252.57	223.60
0	11.96	339.34	308.49	280.11	252.55	223.54

282° Sternzeit 18h48min						283° Sternzeit 18h52min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
68.61	57.74	13.09	281.03	263.22	255.43	64	70.88	60.37	15.52	281.96	264.89	257.43
60.77	47.54	3.01	281.03	259.25	249.37	63	63.35	50.49	5.36	281.96	261.07	251.62
54.39	39.36	355.89	281.03	256.18	244.48	62	57.11	42.42	358.11	281.96	258.06	246.85
49.20	32.80	350.52	281.03	253.84	240.58	61	51.96	35.83	352.62	281.96	255.73	242.98
44.98	27.47	346.29	281.03	252.07	237.46	60	47.71	30.41	348.28	281.96	253.93	239.84
41.49	23.08	342.84	281.03	250.75	234.95	59	44.17	25.91	344.72	281.96	252.56	237.28
38.59	19.40	339.95	281.03	249.76	232.92	58	41.19	22.11	341.75	281.96	251.52	235.19
36.15	16.27	337.49	281.03	249.04	231.27	57	38.67	18.86	339.20	281.96	250.73	233.48
34.07	13.56	335.35	281.03	248.52	229.92	56	36.51	16.04	337.00	281.96	250.16	232.06
32.29	11.20	333.47	281.03	248.15	228.81	55	34.64	13.58	335.05	281.96	249.74	230.88
30.74	9.12	331.80	281.03	247.91	227.89	54	33.02	11.40	333.32	281.96	249.45	229.91
29.38	7.26	330.29	281.03	247.77	227.14	53	31.59	9.45	331.77	281.96	249.27	229.09
28.18	5.58	328.93	281.03	247.71	226.51	52	30.33	7.69	330.36	281.96	249.16	228.41
27.12	4.06	327.69	281.03	247.71	225.99	51	29.20	6.10	329.08	281.96	249.12	227.84
26.17	2.66	326.54	281.03	247.75	225.57	50	28.19	4.64	327.90	281.96	249.13	227.37
25.31	1.38	325.49	281.03	247.84	225.21	49	27.29	3.30	326.81	281.96	249.18	226.97
24.54	0.20	324.51	281.03	247.95	224.93	48	26.46	2.06	325.81	281.96	249.27	226.64
23.84	359.10	323.60	281.03	248.09	224.69	47	25.71	0.91	324.87	281.96	249.38	226.36
23.19	358.07	322.76	281.03	248.25	224.50	46	25.03	359.83	324.00	281.96	249.52	226.14
22.60	357.11	321.96	281.03	248.42	224.35	45	24.40	358.83	323.19	281.96	249.66	225.96
22.06	356.20	321.22	281.03	248.60	224.24	44	23.82	357.88	322.43	281.96	249.83	225.81
21.56	355.35	320.52	281.03	248.79	224.15	43	23.28	356.99	321.71	281.96	250.00	225.69
21.09	354.55	319.86	281.03	248.99	224.09	42	22.78	356.15	321.04	281.96	250.18	225.60
20.66	353.78	319.24	281.03	249.19	224.04	41	22.32	355.36	320.40	281.96	250.36	225.53
20.25	353.06	318.65	281.03	249.39	224.02	40	21.89	354.61	319.80	281.96	250.55	225.48
19.88	352.37	318.09	281.03	249.59	224.01	39	21.48	353.89	319.23	281.96	250.73	225.45
19.52	351.72	317.57	281.03	249.79	224.01	38	21.10	353.21	318.69	281.96	250.92	225.43
19.19	351.10	317.07	281.03	249.99	224.03	37	20.74	352.57	318.18	281.96	251.11	225.42
18.87	350.50	316.59	281.03	250.18	224.05	36	20.40	351.95	317.70	281.96	251.29	225.43
18.57	349.93	316.14	281.03	250.38	224.08	35	20.08	351.36	317.24	281.96	251.47	225.44
18.29	349.39	315.72	281.03	250.57	224.12	34	19.78	350.80	316.81	281.96	251.65	225.46
18.03	348.87	315.31	281.03	250.75	224.16	33	19.49	350.26	316.39	281.96	251.83	225.48
17.77	348.38	314.93	281.03	250.93	224.21	32	19.22	349.74	316.00	281.96	252.00	225.51
17.53	347.90	314.56	281.03	251.11	224.26	31	18.96	349.25	315.63	281.96	252.17	225.55
17.30	347.45	314.21	281.03	251.28	224.31	30	18.71	348.78	315.27	281.96	252.33	225.58
17.08	347.01	313.88	281.03	251.44	224.36	29	18.47	348.33	314.94	281.96	252.49	225.62
16.87	346.59	313.57	281.03	251.60	224.41	28	18.25	347.89	314.62	281.96	252.64	225.66
16.66	346.19	313.27	281.03	251.75	224.46	27	18.03	347.48	314.31	281.96	252.79	225.70
16.47	345.81	312.98	281.03	251.90	224.51	26	17.82	347.08	314.02	281.96	252.93	225.74
16.28	345.44	312.71	281.03	252.04	224.57	25	17.62	346.70	313.75	281.96	253.06	225.78
16.10	345.09	312.46	281.03	252.17	224.61	24	17.43	346.34	313.49	281.96	253.19	225.82
15.93	344.76	312.21	281.03	252.30	224.66	23	17.24	345.99	313.24	281.96	253.31	225.85
15.76	344.43	311.98	281.03	252.42	224.71	22	17.06	345.66	313.01	281.96	253.43	225.89
15.60	344.13	311.76	281.03	252.54	224.75	21	16.88	345.34	312.78	281.96	253.54	225.92
15.44	343.83	311.56	281.03	252.65	224.79	20	16.72	345.04	312.57	281.96	253.65	225.95
15.29	343.55	311.36	281.03	252.75	224.82	19	16.55	344.75	312.38	281.96	253.75	225.97
15.15	343.28	311.18	281.03	252.85	224.85	18	16.39	344.47	312.19	281.96	253.84	226.00
15.00	343.03	311.00	281.03	252.94	224.88	17	16.24	344.20	312.01	281.96	253.93	226.02
14.87	342.79	310.84	281.03	253.02	224.90	16	16.09	343.95	311.84	281.96	254.01	226.03
14.73	342.56	310.69	281.03	253.10	224.92	15	15.95	343.71	311.69	281.96	254.08	226.04
14.60	342.34	310.54	281.03	253.17	224.94	14	15.81	343.49	311.54	281.96	254.15	226.05
14.47	342.13	310.41	281.03	253.23	224.95	13	15.67	343.27	311.41	281.96	254.21	226.05
14.35	341.93	310.29	281.03	253.29	224.95	12	15.53	343.07	311.28	281.96	254.27	226.05
14.23	341.75	310.17	281.03	253.35	224.95	11	15.40	342.87	311.16	281.96	254.32	226.04
14.11	341.58	310.06	281.03	253.39	224.95	10	15.27	342.69	311.05	281.96	254.36	226.03
13.99	341.41	309.97	281.03	253.43	224.93	9	15.15	342.52	310.95	281.96	254.40	226.01
13.88	341.26	309.88	281.03	253.46	224.92	8	15.03	342.36	310.86	281.96	254.43	225.99
13.77	341.12	309.80	281.03	253.49	224.89	7	14.91	342.21	310.78	281.96	254.45	225.96
13.66	340.98	309.72	281.03	253.51	224.87	6	14.79	342.07	310.71	281.96	254.47	225.92
13.55	340.86	309.66	281.03	253.52	224.83	5	14.67	341.94	310.64	281.96	254.48	225.88
13.45	340.75	309.60	281.03	253.53	224.79	4	14.56	341.82	310.58	281.96	254.49	225.83
13.34	340.64	309.56	281.03	253.53	224.74	3	14.45	341.71	310.53	281.96	254.48	225.78
13.24	340.55	309.52	281.03	253.53	224.69	2	14.34	341.61	310.49	281.96	254.48	225.72
13.14	340.46	309.48	281.03	253.51	224.63	1	14.23	341.52	310.46	281.96	254.46	225.66
13.04	340.39	309.46	281.03	253.50	224.57	0	14.13	341.44	310.43	281.96	254.44	225.59

284° Sternzeit 18h56min						285° Sternzeit 19h 0min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
72.94	62.74	17.78	282.88	266.43	259.26	64	74.82	64.89	19.87	283.81	267.88	260.94
65.72	53.19	7.56	282.88	262.77	253.69	63	67.89	55.67	9.65	283.81	264.37	255.61
59.64	45.26	0.23	282.88	259.84	249.06	62	61.98	47.90	2.24	283.81	261.52	251.12
54.55	38.68	354.64	282.88	257.52	245.24	61	56.98	41.37	356.57	283.81	259.23	247.36
50.29	33.22	350.19	282.88	255.71	242.10	60	52.74	35.88	352.04	283.81	257.41	244.24
46.71	28.62	346.55	282.88	254.30	239.51	59	49.14	31.23	348.32	283.81	255.98	241.64
43.68	24.72	343.49	282.88	253.22	237.38	58	46.07	27.25	345.19	283.81	254.87	239.48
41.09	21.37	340.88	282.88	252.39	235.61	57	43.43	23.82	342.51	283.81	254.00	237.67
38.87	18.46	338.60	282.88	251.76	234.14	56	41.15	20.82	340.18	283.81	253.33	236.15
36.93	15.91	336.60	282.88	251.30	232.90	55	39.16	18.18	338.13	283.81	252.83	234.87
35.24	13.64	334.82	282.88	250.97	231.87	54	37.41	15.83	336.30	283.81	252.46	233.79
33.75	11.61	333.22	282.88	250.74	231.00	53	35.86	13.73	334.65	283.81	252.19	232.87
32.43	9.78	331.77	282.88	250.60	230.27	52	34.48	11.83	333.17	283.81	252.01	232.09
31.25	8.11	330.45	282.88	250.52	229.65	51	33.25	10.10	331.81	283.81	251.91	231.43
30.19	6.59	329.24	282.88	250.50	229.13	50	32.14	8.52	330.57	283.81	251.85	230.87
29.23	5.20	328.13	282.88	250.52	228.70	49	31.14	7.07	329.43	283.81	251.85	230.40
28.36	3.90	327.10	282.88	250.58	228.33	48	30.23	5.73	328.37	283.81	251.88	229.99
27.57	2.70	326.14	282.88	250.67	228.02	47	29.40	4.48	327.39	283.81	251.94	229.65
26.84	1.58	325.25	282.88	250.78	227.76	46	28.63	3.32	326.48	283.81	252.03	229.35
26.17	0.54	324.41	282.88	250.90	227.54	45	27.93	2.23	325.63	283.81	252.14	229.11
25.56	359.55	323.63	282.88	251.05	227.36	44	27.28	1.21	324.83	283.81	252.26	228.90
24.99	358.63	322.90	282.88	251.20	227.22	43	26.68	0.25	324.08	283.81	252.40	228.73
24.46	357.76	322.21	282.88	251.36	227.10	42	26.12	359.35	323.38	283.81	252.54	228.59
23.97	356.93	321.56	282.88	251.53	227.01	41	25.60	358.49	322.71	283.81	252.69	228.47
23.51	356.15	320.95	282.88	251.70	226.93	40	25.11	357.68	322.09	283.81	252.85	228.37
23.07	355.41	320.37	282.88	251.87	226.88	39	24.65	356.91	321.50	283.81	253.01	228.29
22.67	354.70	319.82	282.88	252.05	226.84	38	24.22	356.18	320.94	283.81	253.17	228.23
22.29	354.03	319.30	282.88	252.22	226.81	37	23.82	355.49	320.41	283.81	253.34	228.19
21.93	353.39	318.81	282.88	252.40	226.80	36	23.44	354.83	319.91	283.81	253.50	228.15
21.58	352.78	318.34	282.88	252.57	226.79	35	23.08	354.19	319.44	283.81	253.66	228.13
21.26	352.19	317.90	282.88	252.74	226.79	34	22.73	353.59	318.98	283.81	253.82	228.12
20.95	351.64	317.48	282.88	252.91	226.80	33	22.41	353.01	318.56	283.81	253.98	228.11
20.66	351.10	317.08	282.88	253.07	226.82	32	22.10	352.46	318.15	283.81	254.14	228.11
20.38	350.60	316.70	282.88	253.23	226.83	31	21.80	351.94	317.76	283.81	254.29	228.11
20.12	350.11	316.34	282.88	253.38	226.86	30	21.52	351.43	317.40	283.81	254.44	228.12
19.87	349.64	315.99	282.88	253.53	226.88	29	21.25	350.95	317.05	283.81	254.58	228.13
19.62	349.19	315.67	282.88	253.68	226.91	28	20.99	350.49	316.72	283.81	254.72	228.15
19.39	348.76	315.36	282.88	253.82	226.93	27	20.74	350.05	316.41	283.81	254.85	228.16
19.17	348.35	315.06	282.88	253.95	226.96	26	20.51	349.63	316.11	283.81	254.98	228.18
18.95	347.96	314.79	282.88	254.08	226.99	25	20.28	349.22	315.82	283.81	255.11	228.19
18.74	347.59	314.52	282.88	254.21	227.02	24	20.06	348.83	315.55	283.81	255.23	228.21
18.54	347.23	314.27	282.88	254.33	227.04	23	19.84	348.46	315.30	283.81	255.34	228.23
18.35	346.88	314.03	282.88	254.44	227.07	22	19.64	348.11	315.06	283.81	255.45	228.24
18.16	346.55	313.81	282.88	254.55	227.09	21	19.44	347.77	314.83	283.81	255.55	228.25
17.98	346.24	313.59	282.88	254.65	227.11	20	19.25	347.44	314.61	283.81	255.65	228.26
17.81	345.94	313.39	282.88	254.74	227.12	19	19.06	347.13	314.41	283.81	255.74	228.27
17.64	345.65	313.20	282.88	254.83	227.14	18	18.88	346.84	314.21	283.81	255.82	228.28
17.47	345.38	313.02	282.88	254.91	227.15	17	18.70	346.55	314.03	283.81	255.90	228.28
17.31	345.12	312.85	282.88	254.99	227.16	16	18.53	346.28	313.86	283.81	255.98	228.28
17.16	344.87	312.69	282.88	255.06	227.16	15	18.37	346.03	313.70	283.81	256.04	228.27
17.01	344.64	312.54	282.88	255.13	227.16	14	18.21	345.78	313.55	283.81	256.11	228.26
16.86	344.41	312.41	282.88	255.19	227.15	13	18.05	345.55	313.40	283.81	256.16	228.25
16.72	344.20	312.28	282.88	255.24	227.14	12	17.89	345.33	313.27	283.81	256.21	228.23
16.58	344.00	312.16	282.88	255.29	227.13	11	17.74	345.13	313.15	283.81	256.26	228.21
16.44	343.81	312.05	282.88	255.33	227.11	10	17.60	344.93	313.04	283.81	256.29	228.18
16.30	343.63	311.94	282.88	255.36	227.08	9	17.46	344.74	312.93	283.81	256.33	228.15
16.17	343.47	311.85	282.88	255.39	227.05	8	17.31	344.57	312.84	283.81	256.35	228.12
16.04	343.31	311.77	282.88	255.41	227.02	7	17.18	344.41	312.75	283.81	256.37	228.07
15.92	343.16	311.69	282.88	255.43	226.98	6	17.04	344.25	312.67	283.81	256.39	228.03
15.79	343.03	311.62	282.88	255.44	226.93	5	16.91	344.11	312.61	283.81	256.39	227.97
15.67	342.90	311.56	282.88	255.44	226.88	4	16.78	343.98	312.54	283.81	256.39	227.92
15.55	342.79	311.51	282.88	255.44	226.82	3	16.65	343.86	312.49	283.81	256.39	227.85
15.43	342.68	311.47	282.88	255.43	226.75	2	16.53	343.75	312.45	283.81	256.38	227.78
15.32	342.58	311.43	282.88	255.41	226.68	1	16.40	343.64	312.41	283.81	256.36	227.70
15.20	342.50	311.40	282.88	255.39	226.60	0	16.28	343.55	312.38	283.81	256.33	227.62

286° Sternzeit 19h 4min						287° Sternzeit 19h 8min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
76.54	66.85	21.82	284.74	269.24	262.50	64	78.14	68.64	23.64	285.67	270.53	263.96
69.90	57.96	11.62	284.74	265.88	257.40	63	71.77	60.07	13.48	285.67	267.32	259.07
64.17	50.36	4.17	284.74	263.11	253.04	62	66.21	52.65	6.00	285.67	264.63	254.86
59.26	43.90	358.43	284.74	260.86	249.37	61	61.40	46.28	0.21	285.67	262.42	251.26
55.06	38.41	353.83	284.74	259.05	246.27	60	57.25	40.82	355.56	285.67	260.63	248.21
51.46	33.72	350.04	284.74	257.61	243.68	59	53.67	36.11	351.71	285.67	259.18	245.62
48.37	29.69	346.85	284.74	256.47	241.49	58	50.56	32.03	348.46	285.67	258.02	243.43
45.69	26.18	344.11	284.74	255.57	239.65	57	47.86	28.47	345.67	285.67	257.10	241.57
43.36	23.11	341.72	284.74	254.87	238.09	56	45.50	25.34	343.24	285.67	256.37	239.98
41.32	20.40	339.62	284.74	254.33	236.77	55	43.42	22.57	341.09	285.67	255.80	238.63
39.52	17.98	337.75	284.74	253.92	235.65	54	41.58	20.09	339.18	285.67	255.36	237.47
37.92	15.81	336.07	284.74	253.63	234.70	53	39.94	17.86	337.46	285.67	255.04	236.48
36.50	13.85	334.55	284.74	253.41	233.88	52	38.47	15.84	335.91	285.67	254.80	235.63
35.22	12.06	333.16	284.74	253.28	233.18	51	37.15	14.00	334.49	285.67	254.63	234.89
34.07	10.43	331.89	284.74	253.19	232.58	50	35.96	12.31	333.20	285.67	254.52	234.26
33.02	8.93	330.72	284.74	253.16	232.07	49	34.87	10.76	332.00	285.67	254.47	233.71
32.07	7.54	329.64	284.74	253.17	231.63	48	33.88	9.32	330.90	285.67	254.45	233.24
31.20	6.24	328.64	284.74	253.21	231.25	47	32.98	7.99	329.88	285.67	254.47	232.84
30.40	5.04	327.71	284.74	253.28	230.93	46	32.15	6.75	328.93	285.67	254.51	232.49
29.67	3.92	326.84	284.74	253.36	230.66	45	31.38	5.58	328.04	285.67	254.58	232.19
28.98	2.86	326.02	284.74	253.47	230.42	44	30.67	4.49	327.21	285.67	254.67	231.93
28.35	1.87	325.26	284.74	253.59	230.22	43	30.01	3.47	326.43	285.67	254.77	231.70
27.77	0.93	324.54	284.74	253.72	230.06	42	29.39	2.50	325.70	285.67	254.89	231.51
27.22	0.05	323.87	284.74	253.85	229.92	41	28.82	1.59	325.02	285.67	255.01	231.35
26.70	359.21	323.23	284.74	254.00	229.80	40	28.28	0.73	324.37	285.67	255.14	231.21
26.22	358.41	322.63	284.74	254.14	229.70	39	27.78	359.91	323.76	285.67	255.28	231.09
25.77	357.66	322.06	284.74	254.30	229.62	38	27.30	359.13	323.18	285.67	255.41	231.00
25.34	356.94	321.52	284.74	254.45	229.56	37	26.85	358.39	322.63	285.67	255.56	230.91
24.94	356.26	321.01	284.74	254.60	229.50	36	26.43	357.68	322.11	285.67	255.70	230.84
24.56	355.60	320.53	284.74	254.75	229.46	35	26.03	357.01	321.62	285.67	255.84	230.79
24.20	354.98	320.07	284.74	254.91	229.43	34	25.65	356.37	321.16	285.67	255.99	230.74
23.85	354.39	319.64	284.74	255.06	229.41	33	25.29	355.76	320.72	285.67	256.13	230.70
23.52	353.82	319.22	284.74	255.20	229.40	32	24.94	355.17	320.30	285.67	256.27	230.67
23.21	353.28	318.83	284.74	255.35	229.39	31	24.61	354.61	319.90	285.67	256.40	230.65
22.91	352.76	318.46	284.74	255.49	229.38	30	24.30	354.08	319.52	285.67	256.54	230.63
22.63	352.26	318.11	284.74	255.62	229.38	29	24.00	353.57	319.16	285.67	256.67	230.62
22.35	351.78	317.77	284.74	255.76	229.38	28	23.71	353.08	318.82	285.67	256.79	230.61
22.09	351.33	317.45	284.74	255.88	229.38	27	23.43	352.61	318.50	285.67	256.92	230.60
21.84	350.89	317.15	284.74	256.01	229.39	26	23.17	352.16	318.19	285.67	257.03	230.59
21.60	350.48	316.86	284.74	256.13	229.39	25	22.91	351.73	317.90	285.67	257.15	230.59
21.36	350.08	316.59	284.74	256.24	229.40	24	22.66	351.32	317.62	285.67	257.26	230.58
21.14	349.69	316.33	284.74	256.35	229.40	23	22.43	350.92	317.36	285.67	257.36	230.58
20.92	349.33	316.08	284.74	256.45	229.41	22	22.20	350.55	317.11	285.67	257.46	230.57
20.71	348.98	315.85	284.74	256.55	229.41	21	21.97	350.19	316.87	285.67	257.55	230.57
20.51	348.64	315.63	284.74	256.65	229.41	20	21.76	349.84	316.65	285.67	257.64	230.56
20.31	348.32	315.42	284.74	256.73	229.41	19	21.55	349.51	316.44	285.67	257.73	230.55
20.12	348.02	315.23	284.74	256.81	229.41	18	21.35	349.20	316.24	285.67	257.81	230.54
19.93	347.73	315.04	284.74	256.89	229.40	17	21.15	348.90	316.05	285.67	257.88	230.53
19.75	347.45	314.87	284.74	256.96	229.39	16	20.96	348.61	315.88	285.67	257.95	230.51
19.57	347.18	314.70	284.74	257.03	229.38	15	20.77	348.34	315.71	285.67	258.01	230.49
19.40	346.93	314.55	284.74	257.08	229.36	14	20.59	348.08	315.55	285.67	258.06	230.46
19.23	346.69	314.41	284.74	257.14	229.34	13	20.42	347.83	315.41	285.67	258.11	230.44
19.07	346.47	314.27	284.74	257.18	229.32	12	20.24	347.60	315.27	285.67	258.16	230.41
18.91	346.25	314.15	284.74	257.23	229.29	11	20.08	347.37	315.15	285.67	258.20	230.37
18.76	346.05	314.03	284.74	257.26	229.26	10	19.91	347.16	315.03	285.67	258.23	230.33
18.60	345.85	313.93	284.74	257.29	229.22	9	19.75	346.96	314.92	285.67	258.26	230.29
18.46	345.67	313.83	284.74	257.31	229.18	8	19.59	346.78	314.82	285.67	258.28	230.24
18.31	345.50	313.74	284.74	257.33	229.13	7	19.44	346.60	314.73	285.67	258.29	230.18
18.17	345.34	313.66	284.74	257.34	229.08	6	19.29	346.44	314.65	285.67	258.30	230.12
18.03	345.20	313.59	284.74	257.35	229.02	5	19.14	346.28	314.58	285.67	258.30	230.06
17.89	345.06	313.53	284.74	257.35	228.95	4	18.99	346.14	314.51	285.67	258.30	229.99
17.75	344.93	313.47	284.74	257.34	228.88	3	18.85	346.00	314.46	285.67	258.29	229.91
17.62	344.81	313.43	284.74	257.33	228.81	2	18.71	345.88	314.41	285.67	258.27	229.83
17.49	344.70	313.39	284.74	257.31	228.72	1	18.57	345.76	314.37	285.67	258.25	229.74
17.36	344.61	313.36	284.74	257.28	228.64	0	18.43	345.66	314.33	285.67	258.22	229.65

288°		Sternzeit				19h12min	289°		Sternzeit				19h16min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
79.62	70.29	25.35	286.60	271.76	265.32	64	81.01	71.82	26.95	287.53	272.94	266.61	
73.51	62.03	15.25	286.60	268.68	260.64	63	75.14	63.85	16.94	287.53	269.98	262.12	
68.12	54.80	7.76	286.60	266.08	256.56	62	69.92	56.82	9.45	287.53	267.47	258.18	
63.42	48.53	1.93	286.60	263.92	253.05	61	65.33	50.66	3.59	287.53	265.36	254.76	
59.33	43.11	357.23	286.60	262.15	250.05	60	61.31	45.28	358.85	287.53	263.61	251.81	
55.77	38.40	353.33	286.60	260.70	247.48	59	57.79	40.59	354.91	287.53	262.17	249.27	
52.67	34.29	350.04	286.60	259.53	245.29	58	54.69	36.47	351.57	287.53	261.00	247.08	
49.95	30.69	347.20	286.60	258.59	243.41	57	51.97	32.83	348.69	287.53	260.04	245.20	
47.56	27.51	344.72	286.60	257.84	241.81	56	49.56	29.61	346.18	287.53	259.27	243.58	
45.45	24.68	342.54	286.60	257.24	240.43	55	47.43	26.74	343.96	287.53	258.66	242.18	
43.58	22.14	340.59	286.60	256.78	239.24	54	45.52	24.15	341.98	287.53	258.17	240.97	
41.90	19.86	338.84	286.60	256.42	238.22	53	43.81	21.82	340.20	287.53	257.79	239.92	
40.40	17.79	337.26	286.60	256.16	237.33	52	42.28	19.70	338.59	287.53	257.50	239.01	
39.04	15.90	335.81	286.60	255.97	236.57	51	40.89	17.77	337.12	287.53	257.29	238.21	
37.81	14.16	334.49	286.60	255.84	235.91	50	39.63	15.99	335.77	287.53	257.13	237.52	
36.69	12.57	333.28	286.60	255.76	235.33	49	38.48	14.35	334.54	287.53	257.03	236.92	
35.67	11.09	332.15	286.60	255.72	234.83	48	37.42	12.83	333.39	287.53	256.98	236.40	
34.73	9.72	331.11	286.60	255.72	234.40	47	36.46	11.42	332.34	287.53	256.96	235.94	
33.87	8.44	330.14	286.60	255.74	234.02	46	35.56	10.11	331.35	287.53	256.97	235.54	
33.07	7.24	329.24	286.60	255.79	233.70	45	34.74	8.88	330.43	287.53	257.00	235.19	
32.33	6.12	328.40	286.60	255.87	233.41	44	33.97	7.72	329.57	287.53	257.05	234.88	
31.65	5.06	327.60	286.60	255.95	233.17	43	33.26	6.64	328.77	287.53	257.13	234.61	
31.00	4.06	326.86	286.60	256.05	232.95	42	32.60	5.61	328.01	287.53	257.21	234.38	
30.41	3.12	326.16	286.60	256.16	232.77	41	31.98	4.65	327.30	287.53	257.31	234.18	
29.85	2.23	325.50	286.60	256.28	232.61	40	31.39	3.73	326.63	287.53	257.41	234.00	
29.32	1.39	324.88	286.60	256.40	232.48	39	30.84	2.87	326.00	287.53	257.53	233.85	
28.82	0.59	324.29	286.60	256.53	232.36	38	30.33	2.04	325.41	287.53	257.64	233.71	
28.35	359.83	323.74	286.60	256.66	232.26	37	29.84	1.26	324.84	287.53	257.76	233.60	
27.91	359.10	323.21	286.60	256.80	232.18	36	29.38	0.51	324.31	287.53	257.89	233.50	
27.49	358.41	322.71	286.60	256.93	232.10	35	28.94	359.80	323.81	287.53	258.01	233.41	
27.09	357.75	322.24	286.60	257.06	232.04	34	28.52	359.13	323.33	287.53	258.14	233.33	
26.71	357.12	321.79	286.60	257.20	231.99	33	28.13	358.48	322.87	287.53	258.26	233.27	
26.35	356.52	321.37	286.60	257.33	231.95	32	27.75	357.86	322.44	287.53	258.39	233.21	
26.01	355.94	320.97	286.60	257.46	231.91	31	27.39	357.27	322.03	287.53	258.51	233.16	
25.68	355.39	320.58	286.60	257.58	231.88	30	27.05	356.71	321.64	287.53	258.63	233.12	
25.36	354.87	320.22	286.60	257.71	231.85	29	26.72	356.17	321.28	287.53	258.75	233.08	
25.06	354.37	319.87	286.60	257.83	231.83	28	26.40	355.65	320.93	287.53	258.86	233.05	
24.77	353.88	319.55	286.60	257.95	231.81	27	26.10	355.16	320.59	287.53	258.97	233.02	
24.49	353.42	319.23	286.60	258.06	231.79	26	25.80	354.68	320.28	287.53	259.08	232.99	
24.22	352.98	318.94	286.60	258.17	231.78	25	25.52	354.23	319.98	287.53	259.19	232.96	
23.96	352.56	318.66	286.60	258.27	231.76	24	25.25	353.80	319.69	287.53	259.29	232.94	
23.71	352.15	318.39	286.60	258.37	231.75	23	24.99	353.38	319.42	287.53	259.38	232.91	
23.47	351.77	318.14	286.60	258.47	231.73	22	24.74	352.98	319.17	287.53	259.47	232.89	
23.24	351.39	317.90	286.60	258.56	231.72	21	24.49	352.60	318.93	287.53	259.56	232.87	
23.01	351.04	317.67	286.60	258.64	231.70	20	24.25	352.24	318.70	287.53	259.64	232.84	
22.79	350.70	317.46	286.60	258.72	231.69	19	24.02	351.89	318.48	287.53	259.71	232.82	
22.58	350.38	317.26	286.60	258.80	231.67	18	23.80	351.56	318.27	287.53	259.79	232.79	
22.37	350.07	317.07	286.60	258.86	231.64	17	23.58	351.24	318.08	287.53	259.85	232.76	
22.17	349.77	316.89	286.60	258.93	231.62	16	23.37	350.94	317.90	287.53	259.91	232.73	
21.97	349.49	316.72	286.60	259.00	231.59	15	23.17	350.65	317.73	287.53	259.97	232.69	
21.78	349.22	316.56	286.60	259.04	231.56	14	22.97	350.37	317.57	287.53	260.02	232.65	
21.60	348.97	316.41	286.60	259.09	231.53	13	22.77	350.11	317.42	287.53	260.06	232.61	
21.41	348.73	316.27	286.60	259.13	231.49	12	22.58	349.86	317.28	287.53	260.10	232.57	
21.24	348.50	316.15	286.60	259.16	231.45	11	22.40	349.62	317.15	287.53	260.13	232.52	
21.06	348.28	316.03	286.60	259.19	231.40	10	22.21	349.40	317.03	287.53	260.16	232.47	
20.89	348.08	315.92	286.60	259.22	231.35	9	22.03	349.19	316.91	287.53	260.18	232.41	
20.73	347.88	315.82	286.60	259.24	231.29	8	21.86	348.98	316.81	287.53	260.20	232.35	
20.57	347.70	315.72	286.60	259.25	231.23	7	21.69	348.79	316.72	287.53	260.21	232.28	
20.41	347.53	315.64	286.60	259.26	231.17	6	21.52	348.62	316.63	287.53	260.21	232.21	
20.25	347.37	315.57	286.60	259.26	231.10	5	21.36	348.45	316.56	287.53	260.21	232.13	
20.09	347.21	315.50	286.60	259.25	231.02	4	21.19	348.29	316.49	287.53	260.21	232.05	
19.94	347.07	315.44	286.60	259.24	230.94	3	21.04	348.15	316.43	287.53	260.19	231.96	
19.79	346.95	315.39	286.60	259.22	230.85	2	20.88	348.01	316.38	287.53	260.17	231.87	
19.65	346.83	315.35	286.60	259.20	230.76	1	20.72	347.89	316.33	287.53	260.15	231.77	
19.50	346.72	315.31	286.60	259.17	230.66	0	20.57	347.77	316.30	287.53	260.11	231.67	

290° Sternzeit 19h20min						291° Sternzeit 19h24min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
82.31	73.24	28.46	288.46	274.07	267.84	64	83.54	74.57	29.88	289.40	275.16	269.00
76.67	65.56	18.55	288.46	271.23	263.52	63	78.11	67.15	20.08	289.40	272.44	264.86
71.62	58.71	11.07	288.46	268.80	259.71	62	73.22	60.49	12.63	289.40	270.09	261.17
67.14	52.67	5.19	288.46	266.75	256.38	61	68.86	54.57	6.74	289.40	268.09	257.93
63.19	47.35	0.42	288.46	265.03	253.49	60	64.99	49.33	1.95	289.40	266.40	255.10
59.71	42.68	356.45	288.46	263.60	250.98	59	61.55	44.69	357.94	289.40	264.99	252.62
56.63	38.56	353.07	288.46	262.43	248.81	58	58.50	40.57	354.54	289.40	263.82	250.47
53.91	34.91	350.16	288.46	261.46	246.93	57	55.78	36.91	351.59	289.40	262.85	248.59
51.50	31.65	347.61	288.46	260.68	245.30	56	53.36	33.63	349.02	289.40	262.05	246.96
49.34	28.74	345.36	288.46	260.04	243.88	55	51.20	30.69	346.74	289.40	261.41	245.53
47.41	26.12	343.35	288.46	259.54	242.65	54	49.25	28.03	344.70	289.40	260.88	244.29
45.68	23.74	341.54	288.46	259.14	241.58	53	47.50	25.62	342.86	289.40	260.46	243.20
44.12	21.58	339.90	288.46	258.83	240.64	52	45.91	23.42	341.20	289.40	260.14	242.24
42.70	19.60	338.41	288.46	258.59	239.83	51	44.47	21.41	339.69	289.40	259.88	241.41
41.41	17.78	337.04	288.46	258.42	239.11	50	43.16	19.55	338.30	289.40	259.69	240.67
40.23	16.11	335.79	288.46	258.30	238.49	49	41.95	17.84	337.03	289.40	259.55	240.02
39.15	14.55	334.63	288.46	258.22	237.94	48	40.85	16.25	335.85	289.40	259.46	239.45
38.15	13.11	333.55	288.46	258.19	237.45	47	39.83	14.77	334.76	289.40	259.40	238.95
37.24	11.76	332.55	288.46	258.18	237.03	46	38.88	13.40	333.74	289.40	259.38	238.50
36.39	10.50	331.62	288.46	258.20	236.66	45	38.01	12.10	332.80	289.40	259.38	238.11
35.60	9.32	330.75	288.46	258.24	236.33	44	37.20	10.89	331.91	289.40	259.41	237.77
34.86	8.20	329.93	288.46	258.29	236.04	43	36.44	9.75	331.09	289.40	259.46	237.46
34.17	7.15	329.16	288.46	258.37	235.79	42	35.73	8.68	330.31	289.40	259.51	237.19
33.53	6.16	328.44	288.46	258.45	235.57	41	35.07	7.66	329.58	289.40	259.59	236.95
32.93	5.22	327.76	288.46	258.54	235.38	40	34.44	6.70	328.89	289.40	259.67	236.74
32.36	4.33	327.12	288.46	258.65	235.20	39	33.85	5.79	328.24	289.40	259.76	236.55
31.82	3.49	326.52	288.46	258.75	235.05	38	33.30	4.92	327.63	289.40	259.86	236.38
31.31	2.68	325.95	288.46	258.86	234.92	37	32.78	4.10	327.05	289.40	259.96	236.24
30.83	1.92	325.41	288.46	258.98	234.81	36	32.28	3.32	326.50	289.40	260.07	236.11
30.38	1.19	324.89	288.46	259.09	234.70	35	31.81	2.57	325.98	289.40	260.17	235.99
29.95	0.50	324.41	288.46	259.21	234.62	34	31.36	1.86	325.49	289.40	260.28	235.89
29.54	359.83	323.95	288.46	259.33	234.54	33	30.93	1.18	325.03	289.40	260.39	235.80
29.14	359.20	323.51	288.46	259.45	234.47	32	30.52	0.53	324.58	289.40	260.50	235.72
28.77	358.60	323.10	288.46	259.56	234.41	31	30.13	359.91	324.16	289.40	260.61	235.64
28.41	358.02	322.71	288.46	259.68	234.35	30	29.76	359.32	323.77	289.40	260.72	235.58
28.06	357.46	322.33	288.46	259.79	234.30	29	29.40	358.75	323.39	289.40	260.83	235.52
27.73	356.93	321.98	288.46	259.90	234.26	28	29.06	358.21	323.03	289.40	260.93	235.46
27.42	356.43	321.64	288.46	260.00	234.22	27	28.73	357.69	322.69	289.40	261.03	235.41
27.11	355.94	321.32	288.46	260.10	234.18	26	28.41	357.19	322.37	289.40	261.13	235.36
26.82	355.48	321.02	288.46	260.20	234.14	25	28.11	356.72	322.06	289.40	261.22	235.32
26.54	355.03	320.73	288.46	260.30	234.11	24	27.81	356.26	321.77	289.40	261.31	235.27
26.26	354.60	320.46	288.46	260.39	234.08	23	27.53	355.83	321.49	289.40	261.40	235.23
26.00	354.20	320.20	288.46	260.48	234.04	22	27.25	355.41	321.23	289.40	261.48	235.19
25.74	353.81	319.95	288.46	260.56	234.01	21	26.99	355.01	320.98	289.40	261.56	235.15
25.49	353.43	319.72	288.46	260.63	233.98	20	26.73	354.63	320.74	289.40	261.63	235.11
25.25	353.08	319.50	288.46	260.71	233.94	19	26.48	354.26	320.52	289.40	261.70	235.07
25.02	352.73	319.29	288.46	260.77	233.91	18	26.24	353.91	320.31	289.40	261.76	235.02
24.79	352.41	319.10	288.46	260.84	233.87	17	26.00	353.57	320.11	289.40	261.82	234.98
24.57	352.10	318.91	288.46	260.89	233.83	16	25.77	353.25	319.93	289.40	261.88	234.93
24.36	351.80	318.74	288.46	260.95	233.79	15	25.54	352.95	319.75	289.40	261.93	234.88
24.15	351.52	318.58	288.46	260.99	233.74	14	25.33	352.66	319.59	289.40	261.97	234.83
23.94	351.25	318.42	288.46	261.04	233.69	13	25.11	352.38	319.43	289.40	262.01	234.77
23.74	350.99	318.28	288.46	261.07	233.64	12	24.90	352.12	319.29	289.40	262.04	234.72
23.55	350.75	318.15	288.46	261.10	233.59	11	24.70	351.87	319.15	289.40	262.07	234.65
23.36	350.51	318.03	288.46	261.13	233.53	10	24.50	351.63	319.03	289.40	262.09	234.59
23.17	350.29	317.91	288.46	261.15	233.47	9	24.31	351.40	318.91	289.40	262.11	234.52
22.99	350.09	317.81	288.46	261.16	233.40	8	24.12	351.19	318.81	289.40	262.12	234.45
22.81	349.89	317.71	288.46	261.17	233.33	7	23.93	350.99	318.71	289.40	262.13	234.37
22.63	349.71	317.63	288.46	261.17	233.25	6	23.74	350.80	318.62	289.40	262.13	234.29
22.46	349.53	317.55	288.46	261.17	233.17	5	23.56	350.62	318.54	289.40	262.12	234.20
22.29	349.37	317.48	288.46	261.16	233.08	4	23.39	350.45	318.47	289.40	262.11	234.11
22.13	349.22	317.42	288.46	261.14	232.99	3	23.21	350.29	318.41	289.40	262.09	234.01
21.96	349.08	317.36	288.46	261.12	232.89	2	23.04	350.15	318.35	289.40	262.07	233.91
21.80	348.95	317.32	288.46	261.09	232.79	1	22.87	350.01	318.30	289.40	262.04	233.80
21.64	348.83	317.28	288.46	261.06	232.68	0	22.71	349.88	318.27	289.40	262.00	233.68

292°		Sternzeit			19h28min		Br.	293°		Sternzeit			19h32min	
Asz.	XII	XI	MC	IX	VIII	Asz.		XII	XI	MC	IX	VIII		
84.71	75.82	31.23	290.34	276.22	270.12	64	85.82	76.99	32.50	291.28	277.25	271.19		
79.48	68.65	21.55	290.34	273.60	266.13	63	80.77	70.06	22.96	291.28	274.73	267.35		
74.74	62.17	14.13	290.34	271.33	262.57	62	76.19	63.76	15.58	291.28	272.53	263.90		
70.50	56.38	8.24	290.34	269.38	259.41	61	72.05	58.09	9.70	291.28	270.64	260.84		
66.70	51.21	3.43	290.34	267.73	256.64	60	68.34	53.01	4.88	291.28	269.02	258.12		
63.31	46.61	359.41	290.34	266.34	254.21	59	65.00	48.45	0.84	291.28	267.65	255.73		
60.29	42.51	355.97	290.34	265.17	252.07	58	62.01	44.38	357.38	291.28	266.49	253.62		
57.59	38.84	353.00	290.34	264.20	250.21	57	59.33	40.71	354.39	291.28	265.52	251.77		
55.17	35.55	350.40	290.34	263.40	248.57	56	56.92	37.41	351.76	291.28	264.72	250.14		
53.00	32.59	348.09	290.34	262.74	247.14	55	54.75	34.43	349.43	291.28	264.05	248.71		
51.04	29.90	346.03	290.34	262.20	245.89	54	52.78	31.72	347.34	291.28	263.50	247.44		
49.27	27.46	344.17	290.34	261.77	244.78	53	51.00	29.26	345.47	291.28	263.06	246.33		
47.67	25.23	342.49	290.34	261.43	243.81	52	49.38	27.00	343.76	291.28	262.70	245.34		
46.20	23.18	340.96	290.34	261.15	242.95	51	47.90	24.92	342.21	291.28	262.41	244.47		
44.87	21.29	339.55	290.34	260.95	242.20	50	46.54	23.00	340.79	291.28	262.19	243.70		
43.64	19.55	338.26	290.34	260.79	241.53	49	45.30	21.23	339.48	291.28	262.02	243.02		
42.51	17.93	337.07	290.34	260.68	240.94	48	44.15	19.58	338.27	291.28	261.90	242.41		
41.47	16.42	335.96	290.34	260.61	240.42	47	43.09	18.04	337.15	291.28	261.81	241.87		
40.51	15.01	334.93	290.34	260.58	239.96	46	42.10	16.61	336.11	291.28	261.76	241.39		
39.61	13.69	333.97	290.34	260.57	239.55	45	41.19	15.26	335.14	291.28	261.74	240.96		
38.78	12.45	333.08	290.34	260.58	239.18	44	40.33	14.00	334.24	291.28	261.74	240.58		
38.00	11.29	332.24	290.34	260.61	238.86	43	39.54	12.81	333.39	291.28	261.76	240.24		
37.27	10.19	331.45	290.34	260.66	238.57	42	38.79	11.69	332.59	291.28	261.80	239.94		
36.59	9.15	330.71	290.34	260.72	238.31	41	38.09	10.63	331.84	291.28	261.85	239.66		
35.94	8.17	330.01	290.34	260.79	238.09	40	37.43	9.62	331.13	291.28	261.91	239.42		
35.34	7.24	329.36	290.34	260.87	237.88	39	36.80	8.67	330.47	291.28	261.98	239.20		
34.76	6.35	328.74	290.34	260.96	237.70	38	36.22	7.77	329.84	291.28	262.06	239.01		
34.22	5.51	328.15	290.34	261.05	237.54	37	35.66	6.91	329.25	291.28	262.14	238.84		
33.71	4.71	327.60	290.34	261.15	237.40	36	35.13	6.09	328.69	291.28	262.23	238.68		
33.22	3.95	327.07	290.34	261.25	237.27	35	34.63	5.31	328.16	291.28	262.32	238.54		
32.76	3.22	326.57	290.34	261.35	237.15	34	34.15	4.57	327.65	291.28	262.42	238.41		
32.32	2.52	326.10	290.34	261.45	237.05	33	33.69	3.86	327.18	291.28	262.51	238.29		
31.90	1.86	325.65	290.34	261.56	236.96	32	33.26	3.18	326.72	291.28	262.61	238.19		
31.49	1.23	325.23	290.34	261.66	236.87	31	32.84	2.53	326.30	291.28	262.71	238.09		
31.11	0.62	324.83	290.34	261.76	236.79	30	32.44	1.91	325.89	291.28	262.80	238.00		
30.74	0.04	324.45	290.34	261.86	236.72	29	32.06	1.32	325.50	291.28	262.90	237.92		
30.38	359.49	324.08	290.34	261.96	236.66	28	31.69	0.75	325.13	291.28	262.99	237.85		
30.04	358.95	323.74	290.34	262.05	236.60	27	31.34	0.21	324.79	291.28	263.08	237.78		
29.71	358.45	323.41	290.34	262.15	236.54	26	31.00	359.69	324.46	291.28	263.17	237.71		
29.39	357.96	323.10	290.34	262.24	236.48	25	30.67	359.19	324.14	291.28	263.25	237.65		
29.09	357.49	322.80	290.34	262.32	236.43	24	30.35	358.72	323.84	291.28	263.33	237.59		
28.79	357.05	322.53	290.34	262.40	236.38	23	30.04	358.26	323.56	291.28	263.41	237.53		
28.50	356.62	322.26	290.34	262.48	236.33	22	29.75	357.82	323.29	291.28	263.48	237.47		
28.23	356.21	322.01	290.34	262.56	236.28	21	29.46	357.41	323.04	291.28	263.55	237.41		
27.96	355.82	321.77	290.34	262.63	236.23	20	29.18	357.00	322.80	291.28	263.62	237.36		
27.70	355.44	321.55	290.34	262.69	236.18	19	28.91	356.62	322.57	291.28	263.68	237.30		
27.44	355.08	321.33	290.34	262.75	236.13	18	28.65	356.25	322.36	291.28	263.74	237.24		
27.20	354.74	321.13	290.34	262.81	236.08	17	28.39	355.90	322.15	291.28	263.79	237.18		
26.96	354.41	320.94	290.34	262.86	236.03	16	28.15	355.57	321.96	291.28	263.84	237.12		
26.73	354.10	320.77	290.34	262.90	235.97	15	27.90	355.25	321.78	291.28	263.88	237.06		
26.50	353.80	320.60	290.34	262.95	235.91	14	27.67	354.94	321.61	291.28	263.92	236.99		
26.28	353.52	320.44	290.34	262.98	235.85	13	27.44	354.65	321.45	291.28	263.96	236.92		
26.06	353.25	320.29	290.34	263.01	235.79	12	27.21	354.37	321.30	291.28	263.98	236.85		
25.85	352.99	320.16	290.34	263.04	235.72	11	26.99	354.11	321.17	291.28	264.01	236.78		
25.64	352.74	320.03	290.34	263.06	235.65	10	26.78	353.86	321.04	291.28	264.02	236.70		
25.44	352.51	319.91	290.34	263.07	235.57	9	26.57	353.62	320.92	291.28	264.04	236.62		
25.24	352.29	319.81	290.34	263.08	235.49	8	26.36	353.39	320.81	291.28	264.04	236.54		
25.04	352.08	319.71	290.34	263.09	235.41	7	26.16	353.18	320.71	291.28	264.05	236.45		
24.85	351.89	319.62	290.34	263.08	235.32	6	25.96	352.98	320.62	291.28	264.04	236.35		
24.66	351.70	319.54	290.34	263.08	235.23	5	25.76	352.78	320.53	291.28	264.03	236.25		
24.48	351.53	319.46	290.34	263.06	235.13	4	25.57	352.60	320.46	291.28	264.02	236.15		
24.30	351.36	319.40	290.34	263.04	235.03	3	25.38	352.44	320.39	291.28	264.00	236.04		
24.12	351.21	319.34	290.34	263.02	234.92	2	25.19	352.28	320.33	291.28	263.97	235.93		
23.94	351.07	319.29	290.34	262.99	234.80	1	25.01	352.13	320.28	291.28	263.93	235.81		
23.77	350.94	319.25	290.34	262.95	234.69	0	24.83	351.99	320.24	291.28	263.90	235.69		

294° Sternzeit 19h36min						295° Sternzeit 19h40min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
86.88	78.09	33.72	292.22	278.25	272.22	64	87.89	79.14	34.87	293.16	279.23	273.22
82.01	71.39	24.31	292.22	275.82	268.52	63	83.19	72.65	25.61	293.16	276.89	269.65
77.57	65.27	16.99	292.22	273.70	265.18	62	78.89	66.70	18.35	293.16	274.83	266.42
73.54	59.72	11.12	292.22	271.86	262.20	61	74.96	61.27	12.50	293.16	273.04	263.52
69.90	54.72	6.29	292.22	270.27	259.55	60	71.40	56.36	7.67	293.16	271.50	260.93
66.63	50.22	2.23	292.22	268.92	257.20	59	68.19	51.92	3.60	293.16	270.17	258.62
63.68	46.17	358.76	292.22	267.78	255.12	58	65.28	47.90	0.11	293.16	269.04	256.58
61.02	42.52	355.74	292.22	266.82	253.29	57	62.64	44.27	357.08	293.16	268.08	254.76
58.62	39.22	353.10	292.22	266.01	251.67	56	60.26	40.97	354.41	293.16	267.28	253.15
56.45	36.23	350.74	292.22	265.34	250.23	55	58.09	37.97	352.04	293.16	266.60	251.72
54.48	33.50	348.64	292.22	264.78	248.96	54	56.12	35.23	349.92	293.16	266.04	250.45
52.69	31.01	346.75	292.22	264.32	247.84	53	54.33	32.73	348.01	293.16	265.57	249.32
51.05	28.73	345.03	292.22	263.95	246.84	52	52.69	30.42	346.27	293.16	265.19	248.31
49.56	26.62	343.46	292.22	263.66	245.96	51	51.18	28.30	344.69	293.16	264.88	247.42
48.19	24.68	342.02	292.22	263.42	245.17	50	49.80	26.33	343.24	293.16	264.64	246.62
46.92	22.88	340.70	292.22	263.24	244.47	49	48.52	24.51	341.90	293.16	264.44	245.91
45.76	21.21	339.47	292.22	263.10	243.85	48	47.34	22.81	340.67	293.16	264.29	245.27
44.68	19.65	338.34	292.22	263.00	243.30	47	46.24	21.23	339.52	293.16	264.18	244.70
43.67	18.19	337.29	292.22	262.94	242.80	46	45.22	19.74	338.46	293.16	264.11	244.19
42.74	16.82	336.31	292.22	262.90	242.36	45	44.27	18.35	337.47	293.16	264.06	243.73
41.87	15.53	335.39	292.22	262.89	241.96	44	43.38	17.04	336.54	293.16	264.04	243.32
41.05	14.32	334.53	292.22	262.90	241.61	43	42.55	15.81	335.67	293.16	264.04	242.95
40.29	13.17	333.72	292.22	262.93	241.29	42	41.77	14.65	334.85	293.16	264.05	242.62
39.57	12.09	332.97	292.22	262.97	241.00	41	41.04	13.55	334.09	293.16	264.08	242.32
38.89	11.07	332.25	292.22	263.02	240.74	40	40.35	12.50	333.37	293.16	264.13	242.05
38.26	10.10	331.58	292.22	263.08	240.51	39	39.69	11.51	332.69	293.16	264.18	241.81
37.65	9.18	330.95	292.22	263.15	240.31	38	39.07	10.58	332.05	293.16	264.24	241.59
37.08	8.30	330.35	292.22	263.23	240.12	37	38.49	9.68	331.44	293.16	264.31	241.39
36.54	7.47	329.78	292.22	263.31	239.95	36	37.93	8.83	330.87	293.16	264.38	241.21
36.02	6.67	329.24	292.22	263.39	239.80	35	37.40	8.02	330.33	293.16	264.46	241.04
35.53	5.91	328.73	292.22	263.48	239.66	34	36.89	7.25	329.81	293.16	264.54	240.89
35.06	5.19	328.25	292.22	263.57	239.53	33	36.41	6.51	329.33	293.16	264.62	240.76
34.61	4.50	327.79	292.22	263.66	239.41	32	35.95	5.81	328.86	293.16	264.71	240.63
34.18	3.84	327.36	292.22	263.75	239.31	31	35.51	5.13	328.43	293.16	264.79	240.51
33.77	3.20	326.95	292.22	263.84	239.21	30	35.08	4.49	328.01	293.16	264.88	240.40
33.37	2.60	326.56	292.22	263.93	239.12	29	34.68	3.87	327.62	293.16	264.96	240.30
32.99	2.02	326.19	292.22	264.02	239.03	28	34.29	3.28	327.24	293.16	265.04	240.21
32.63	1.47	325.84	292.22	264.10	238.95	27	33.91	2.72	326.89	293.16	265.12	240.12
32.28	0.94	325.50	292.22	264.18	238.88	26	33.55	2.18	326.55	293.16	265.20	240.04
31.94	0.43	325.18	292.22	264.26	238.80	25	33.20	1.66	326.23	293.16	265.28	239.96
31.61	359.94	324.88	292.22	264.34	238.74	24	32.86	1.16	325.92	293.16	265.35	239.88
31.29	359.47	324.60	292.22	264.41	238.67	23	32.53	0.68	325.63	293.16	265.42	239.80
30.99	359.03	324.33	292.22	264.49	238.60	22	32.22	0.23	325.36	293.16	265.49	239.73
30.69	358.60	324.07	292.22	264.55	238.54	21	31.91	359.79	325.10	293.16	265.55	239.66
30.40	358.19	323.83	292.22	264.61	238.47	20	31.61	359.38	324.86	293.16	265.61	239.59
30.12	357.80	323.60	292.22	264.67	238.41	19	31.32	358.97	324.62	293.16	265.66	239.51
29.85	357.42	323.38	292.22	264.73	238.34	18	31.04	358.59	324.40	293.16	265.71	239.44
29.58	357.07	323.17	292.22	264.78	238.28	17	30.77	358.23	324.20	293.16	265.76	239.37
29.33	356.72	322.98	292.22	264.82	238.21	16	30.50	357.88	324.00	293.16	265.80	239.30
29.08	356.40	322.80	292.22	264.86	238.14	15	30.24	357.54	323.82	293.16	265.84	239.22
28.83	356.08	322.63	292.22	264.90	238.07	14	29.99	357.22	323.64	293.16	265.87	239.14
28.59	355.78	322.47	292.22	264.93	237.99	13	29.74	356.92	323.48	293.16	265.90	239.06
28.36	355.50	322.32	292.22	264.95	237.92	12	29.50	356.62	323.33	293.16	265.93	238.98
28.13	355.23	322.17	292.22	264.98	237.84	11	29.27	356.35	323.19	293.16	265.94	238.89
27.91	354.97	322.04	292.22	264.99	237.75	10	29.04	356.08	323.05	293.16	265.96	238.80
27.69	354.73	321.92	292.22	265.00	237.67	9	28.81	355.83	322.93	293.16	265.96	238.71
27.48	354.49	321.81	292.22	265.01	237.58	8	28.59	355.59	322.82	293.16	265.97	238.62
27.26	354.27	321.71	292.22	265.00	237.48	7	28.37	355.37	322.71	293.16	265.96	238.52
27.06	354.06	321.62	292.22	265.00	237.38	6	28.16	355.15	322.62	293.16	265.96	238.41
26.86	353.87	321.53	292.22	264.99	237.28	5	27.95	354.95	322.53	293.16	265.94	238.30
26.66	353.68	321.46	292.22	264.97	237.17	4	27.74	354.76	322.45	293.16	265.92	238.19
26.46	353.51	321.39	292.22	264.95	237.06	3	27.54	354.58	322.39	293.16	265.90	238.07
26.27	353.34	321.33	292.22	264.92	236.94	2	27.34	354.41	322.33	293.16	265.87	237.95
26.08	353.19	321.28	292.22	264.88	236.81	1	27.14	354.25	322.27	293.16	265.83	237.82
25.89	353.05	321.24	292.22	264.84	236.69	0	26.94	354.10	322.23	293.16	265.79	237.68

296°		Sternzeit				19h44min		297°		Sternzeit				19h48min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII		
88.87	80.14	35.98	294.11	280.18	274.18	64	89.81	81.09	37.03	295.05	281.12	275.12		
84.33	73.85	26.87	294.11	277.93	270.74	63	85.42	75.00	28.08	295.05	278.94	271.79		
80.15	68.06	19.67	294.11	275.94	267.61	62	81.36	69.36	20.95	295.05	277.02	268.76		
76.33	62.76	13.85	294.11	274.20	264.79	61	77.64	64.18	15.16	295.05	275.33	266.01		
72.85	57.93	9.02	294.11	272.69	262.26	60	74.24	59.44	10.34	295.05	273.85	263.55		
69.69	53.55	4.94	294.11	271.39	260.00	59	71.14	55.12	6.26	295.05	272.58	261.33		
66.82	49.57	1.44	294.11	270.28	257.98	58	68.31	51.18	2.75	295.05	271.48	259.35		
64.22	45.96	358.40	294.11	269.33	256.19	57	65.74	47.60	359.69	295.05	270.54	257.57		
61.85	42.67	355.71	294.11	268.52	254.59	56	63.39	44.32	357.00	295.05	269.74	255.99		
59.69	39.67	353.33	294.11	267.84	253.16	55	61.25	41.32	354.60	295.05	269.07	254.57		
57.73	36.92	351.19	294.11	267.28	251.89	54	59.29	38.57	352.45	295.05	268.50	253.31		
55.93	34.40	349.26	294.11	266.80	250.76	53	57.49	36.04	350.50	295.05	268.02	252.17		
54.28	32.08	347.51	294.11	266.41	249.75	52	55.84	33.71	348.74	295.05	267.62	251.16		
52.77	29.94	345.91	294.11	266.10	248.85	51	54.32	31.55	347.13	295.05	267.29	250.25		
51.37	27.95	344.45	294.11	265.84	248.04	50	52.92	29.55	345.65	295.05	267.03	249.44		
50.08	26.11	343.10	294.11	265.63	247.32	49	51.62	27.68	344.29	295.05	266.81	248.70		
48.89	24.39	341.85	294.11	265.47	246.67	48	50.41	25.95	343.03	295.05	266.65	248.04		
47.78	22.78	340.70	294.11	265.36	246.09	47	49.29	24.32	341.87	295.05	266.52	247.45		
46.74	21.28	339.62	294.11	265.27	245.56	46	48.24	22.80	340.78	295.05	266.42	246.92		
45.78	19.87	338.62	294.11	265.21	245.09	45	47.26	21.37	339.77	295.05	266.35	246.44		
44.88	18.54	337.68	294.11	265.18	244.67	44	46.35	20.02	338.82	295.05	266.31	246.00		
44.03	17.29	336.81	294.11	265.17	244.29	43	45.49	18.75	337.94	295.05	266.29	245.61		
43.24	16.10	335.98	294.11	265.17	243.94	42	44.68	17.55	337.11	295.05	266.29	245.25		
42.49	14.99	335.21	294.11	265.20	243.63	41	43.92	16.41	336.33	295.05	266.30	244.93		
41.78	13.93	334.48	294.11	265.23	243.35	40	43.20	15.33	335.59	295.05	266.33	244.63		
41.11	12.92	333.80	294.11	265.27	243.09	39	42.52	14.31	334.90	295.05	266.36	244.37		
40.48	11.96	333.15	294.11	265.33	242.86	38	41.87	13.34	334.25	295.05	266.41	244.12		
39.88	11.06	332.54	294.11	265.39	242.65	37	41.26	12.42	333.63	295.05	266.46	243.90		
39.31	10.19	331.96	294.11	265.46	242.46	36	40.67	11.54	333.05	295.05	266.52	243.70		
38.76	9.36	331.41	294.11	265.53	242.28	35	40.12	10.70	332.49	295.05	266.59	243.51		
38.25	8.58	330.89	294.11	265.60	242.12	34	39.59	9.90	331.97	295.05	266.66	243.34		
37.75	7.83	330.40	294.11	265.68	241.97	33	39.08	9.13	331.47	295.05	266.73	243.18		
37.28	7.11	329.93	294.11	265.75	241.84	32	38.60	8.40	331.00	295.05	266.80	243.04		
36.83	6.42	329.49	294.11	265.83	241.71	31	38.13	7.71	330.56	295.05	266.87	242.90		
36.39	5.77	329.07	294.11	265.91	241.59	30	37.69	7.04	330.13	295.05	266.95	242.78		
35.97	5.14	328.67	294.11	265.99	241.48	29	37.26	6.40	329.73	295.05	267.02	242.66		
35.57	4.54	328.30	294.11	266.07	241.38	28	36.85	5.79	329.35	295.05	267.09	242.55		
35.18	3.96	327.94	294.11	266.14	241.28	27	36.45	5.20	328.99	295.05	267.16	242.44		
34.81	3.41	327.60	294.11	266.22	241.19	26	36.07	4.64	328.64	295.05	267.23	242.34		
34.45	2.88	327.27	294.11	266.29	241.10	25	35.70	4.10	328.32	295.05	267.30	242.24		
34.10	2.38	326.96	294.11	266.36	241.02	24	35.34	3.59	328.01	295.05	267.36	242.15		
33.77	1.89	326.67	294.11	266.42	240.93	23	34.99	3.09	327.71	295.05	267.43	242.06		
33.44	1.43	326.40	294.11	266.49	240.85	22	34.66	2.62	327.43	295.05	267.49	241.97		
33.13	0.98	326.13	294.11	266.55	240.77	21	34.33	2.17	327.17	295.05	267.54	241.88		
32.82	0.56	325.89	294.11	266.60	240.69	20	34.02	1.73	326.92	295.05	267.59	241.80		
32.52	0.15	325.65	294.11	266.65	240.62	19	33.71	1.32	326.68	295.05	267.64	241.71		
32.23	359.76	325.43	294.11	266.70	240.54	18	33.42	0.92	326.46	295.05	267.69	241.63		
31.95	359.38	325.22	294.11	266.74	240.46	17	33.13	0.54	326.25	295.05	267.73	241.54		
31.68	359.03	325.02	294.11	266.78	240.38	16	32.84	0.17	326.05	295.05	267.76	241.46		
31.41	358.68	324.84	294.11	266.82	240.30	15	32.57	359.83	325.86	295.05	267.80	241.37		
31.15	358.36	324.66	294.11	266.85	240.21	14	32.30	359.49	325.68	295.05	267.82	241.28		
30.89	358.04	324.50	294.11	266.87	240.13	13	32.04	359.17	325.51	295.05	267.85	241.19		
30.64	357.75	324.34	294.11	266.90	240.04	12	31.78	358.87	325.36	295.05	267.87	241.09		
30.40	357.46	324.20	294.11	266.91	239.95	11	31.53	358.58	325.21	295.05	267.88	240.99		
30.16	357.19	324.06	294.11	266.92	239.85	10	31.28	358.30	325.08	295.05	267.89	240.89		
29.93	356.94	323.94	294.11	266.93	239.75	9	31.04	358.04	324.95	295.05	267.89	240.79		
29.70	356.69	323.82	294.11	266.93	239.65	8	30.80	357.79	324.83	295.05	267.89	240.68		
29.47	356.46	323.72	294.11	266.92	239.55	7	30.57	357.55	324.73	295.05	267.88	240.57		
29.25	356.24	323.62	294.11	266.91	239.44	6	30.34	357.33	324.63	295.05	267.87	240.46		
29.03	356.03	323.54	294.11	266.90	239.32	5	30.12	357.11	324.54	295.05	267.85	240.34		
28.82	355.83	323.46	294.11	266.88	239.20	4	29.90	356.91	324.46	295.05	267.83	240.22		
28.61	355.65	323.39	294.11	266.85	239.08	3	29.68	356.72	324.39	295.05	267.80	240.09		
28.40	355.48	323.32	294.11	266.82	238.95	2	29.47	356.54	324.32	295.05	267.77	239.95		
28.20	355.31	323.27	294.11	266.78	238.82	1	29.26	356.37	324.27	295.05	267.73	239.81		
28.00	355.16	323.22	294.11	266.73	238.68	0	29.05	356.21	324.22	295.05	267.68	239.67		

298°		Sternzeit				19h52min		299°		Sternzeit				19h56min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII		
90.72	82.00	38.05	296.00	282.04	276.03	64	91.60	82.87	39.03	296.95	282.94	276.92		
86.46	76.09	29.25	296.00	279.94	272.81	63	87.48	77.13	30.39	296.95	280.91	273.80		
82.53	70.60	22.20	296.00	278.07	269.87	62	83.65	71.79	23.42	296.95	279.11	270.95		
78.90	65.53	16.44	296.00	276.43	267.20	61	80.12	66.84	17.69	296.95	277.51	268.36		
75.58	60.89	11.63	296.00	274.99	264.79	60	76.87	62.28	12.90	296.95	276.11	266.00		
72.53	56.63	7.55	296.00	273.75	262.62	59	73.88	58.09	8.82	296.95	274.89	263.88		
69.75	52.74	4.04	296.00	272.67	260.67	58	71.15	54.24	5.30	296.95	273.83	261.96		
67.21	49.18	0.97	296.00	271.74	258.92	57	68.64	50.71	2.23	296.95	272.91	260.24		
64.89	45.92	358.26	296.00	270.95	257.36	56	66.34	47.47	359.51	296.95	272.13	258.69		
62.76	42.93	355.85	296.00	270.27	255.95	55	64.23	44.49	357.09	296.95	271.45	257.29		
60.81	40.18	353.69	296.00	269.70	254.69	54	62.29	41.74	354.92	296.95	270.88	256.04		
59.01	37.64	351.73	296.00	269.22	253.56	53	60.50	39.21	352.95	296.95	270.40	254.91		
57.36	35.30	349.96	296.00	268.81	252.54	52	58.85	36.86	351.16	296.95	269.99	253.89		
55.84	33.13	348.33	296.00	268.48	251.63	51	57.32	34.67	349.53	296.95	269.65	252.98		
54.43	31.11	346.84	296.00	268.21	250.81	50	55.91	32.65	348.03	296.95	269.37	252.15		
53.12	29.23	345.47	296.00	267.98	250.07	49	54.60	30.75	346.65	296.95	269.14	251.41		
51.90	27.48	344.20	296.00	267.81	249.40	48	53.37	28.98	345.37	296.95	268.96	250.73		
50.77	25.83	343.03	296.00	267.67	248.80	47	52.23	27.33	344.19	296.95	268.81	250.12		
49.71	24.29	341.93	296.00	267.56	248.25	46	51.16	25.77	343.08	296.95	268.70	249.57		
48.73	22.84	340.91	296.00	267.49	247.76	45	50.16	24.30	342.06	296.95	268.61	249.07		
47.80	21.48	339.96	296.00	267.44	247.31	44	49.23	22.92	341.10	296.95	268.56	248.61		
46.93	20.19	339.07	296.00	267.41	246.91	43	48.34	21.62	340.20	296.95	268.52	248.20		
46.10	18.98	338.23	296.00	267.40	246.54	42	47.51	20.39	339.35	296.95	268.50	247.82		
45.33	17.82	337.44	296.00	267.40	246.21	41	46.73	19.22	338.56	296.95	268.50	247.47		
44.60	16.73	336.70	296.00	267.42	245.90	40	45.98	18.12	337.81	296.95	268.51	247.16		
43.90	15.69	336.00	296.00	267.45	245.63	39	45.28	17.06	337.11	296.95	268.53	246.87		
43.25	14.71	335.34	296.00	267.49	245.37	38	44.61	16.06	336.44	296.95	268.56	246.61		
42.62	13.77	334.72	296.00	267.54	245.14	37	43.97	15.11	335.81	296.95	268.60	246.37		
42.03	12.88	334.13	296.00	267.59	244.93	36	43.37	14.21	335.22	296.95	268.65	246.15		
41.46	12.03	333.58	296.00	267.65	244.73	35	42.79	13.34	334.66	296.95	268.70	245.94		
40.92	11.21	333.05	296.00	267.71	244.55	34	42.24	12.52	334.13	296.95	268.76	245.75		
40.40	10.44	332.55	296.00	267.77	244.38	33	41.71	11.73	333.62	296.95	268.82	245.58		
39.91	9.69	332.07	296.00	267.84	244.23	32	41.20	10.98	333.14	296.95	268.88	245.41		
39.43	8.98	331.62	296.00	267.91	244.08	31	40.72	10.26	332.69	296.95	268.94	245.26		
38.97	8.31	331.20	296.00	267.98	243.95	30	40.25	9.57	332.26	296.95	269.01	245.12		
38.54	7.66	330.79	296.00	268.05	243.82	29	39.80	8.91	331.85	296.95	269.07	244.98		
38.11	7.03	330.41	296.00	268.11	243.70	28	39.37	8.27	331.46	296.95	269.13	244.85		
37.71	6.44	330.04	296.00	268.18	243.59	27	38.96	7.67	331.09	296.95	269.20	244.73		
37.32	5.87	329.69	296.00	268.25	243.48	26	38.55	7.09	330.74	296.95	269.26	244.62		
36.94	5.32	329.36	296.00	268.31	243.38	25	38.17	6.53	330.41	296.95	269.32	244.51		
36.57	4.80	329.05	296.00	268.37	243.28	24	37.79	6.00	330.09	296.95	269.38	244.40		
36.21	4.29	328.75	296.00	268.43	243.18	23	37.43	5.49	329.80	296.95	269.43	244.29		
35.87	3.81	328.47	296.00	268.48	243.08	22	37.08	5.00	329.51	296.95	269.48	244.19		
35.54	3.35	328.21	296.00	268.54	242.99	21	36.73	4.53	329.24	296.95	269.53	244.09		
35.21	2.91	327.95	296.00	268.59	242.90	20	36.40	4.08	328.99	296.95	269.58	243.99		
34.90	2.49	327.71	296.00	268.63	242.81	19	36.08	3.65	328.75	296.95	269.62	243.90		
34.59	2.08	327.49	296.00	268.67	242.72	18	35.76	3.24	328.52	296.95	269.66	243.80		
34.29	1.69	327.27	296.00	268.71	242.62	17	35.46	2.84	328.30	296.95	269.69	243.70		
34.00	1.32	327.07	296.00	268.75	242.53	16	35.16	2.46	328.10	296.95	269.73	243.60		
33.72	0.96	326.88	296.00	268.77	242.44	15	34.87	2.10	327.90	296.95	269.75	243.50		
33.44	0.62	326.70	296.00	268.80	242.34	14	34.59	1.76	327.72	296.95	269.78	243.40		
33.17	0.30	326.53	296.00	268.82	242.24	13	34.31	1.42	327.55	296.95	269.79	243.30		
32.91	359.99	326.38	296.00	268.84	242.14	12	34.04	1.11	327.39	296.95	269.81	243.19		
32.65	359.69	326.23	296.00	268.85	242.04	11	33.77	0.81	327.25	296.95	269.82	243.08		
32.40	359.41	326.09	296.00	268.85	241.93	10	33.51	0.52	327.11	296.95	269.82	242.97		
32.15	359.14	325.96	296.00	268.86	241.83	9	33.25	0.24	326.98	296.95	269.82	242.86		
31.90	358.89	325.85	296.00	268.85	241.71	8	33.00	359.98	326.86	296.95	269.81	242.74		
31.67	358.64	325.74	296.00	268.84	241.60	7	32.76	359.73	326.75	296.95	269.80	242.62		
31.43	358.41	325.64	296.00	268.83	241.48	6	32.52	359.50	326.65	296.95	269.79	242.50		
31.20	358.19	325.55	296.00	268.81	241.35	5	32.28	359.27	326.56	296.95	269.76	242.37		
30.97	357.98	325.46	296.00	268.78	241.23	4	32.04	359.06	326.47	296.95	269.74	242.23		
30.75	357.79	325.39	296.00	268.75	241.09	3	31.81	358.86	326.40	296.95	269.70	242.10		
30.53	357.60	325.33	296.00	268.72	240.95	2	31.59	358.67	326.33	296.95	269.67	241.95		
30.31	357.43	325.27	296.00	268.67	240.81	1	31.36	358.49	326.27	296.95	269.62	241.80		
30.10	357.27	325.22	296.00	268.63	240.66	0	31.14	358.32	326.22	296.95	269.57	241.65		

300° Sternzeit 20h 0min						301° Sternzeit 20h 4min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
92.45	83.71	39.97	297.91	283.83	277.79	64	93.28	84.52	40.88	298.87	284.71	278.64
88.46	78.14	31.49	297.91	281.87	274.77	63	89.40	79.10	32.56	298.87	282.82	275.72
84.74	72.93	24.60	297.91	280.12	272.00	62	85.79	74.02	25.76	298.87	281.12	273.03
81.29	68.09	18.92	297.91	278.57	269.48	61	82.43	69.29	20.12	298.87	279.61	270.57
78.11	63.61	14.15	297.91	277.21	267.18	60	79.32	64.90	15.37	298.87	278.28	268.33
75.19	59.49	10.08	297.91	276.01	265.10	59	76.46	60.84	11.31	298.87	277.11	266.29
72.50	55.69	6.55	297.91	274.97	263.22	58	73.81	57.10	7.79	298.87	276.09	264.44
70.03	52.20	3.47	297.91	274.07	261.52	57	71.37	53.64	4.70	298.87	275.20	262.77
67.75	48.98	0.75	297.91	273.29	259.99	56	69.13	50.45	1.97	298.87	274.43	261.26
65.66	46.01	358.32	297.91	272.62	258.61	55	67.05	47.49	359.53	298.87	273.77	259.89
63.73	43.27	356.13	297.91	272.05	257.36	54	65.14	44.76	357.34	298.87	273.20	258.66
61.95	40.73	354.16	297.91	271.56	256.24	53	63.37	42.23	355.36	298.87	272.72	257.54
60.30	38.38	352.36	297.91	271.15	255.22	52	61.73	39.87	353.55	298.87	272.30	256.52
58.78	36.19	350.72	297.91	270.81	254.30	51	60.20	37.68	351.90	298.87	271.96	255.61
57.36	34.15	349.21	297.91	270.52	253.47	50	58.78	35.63	350.38	298.87	271.67	254.78
56.04	32.25	347.82	297.91	270.29	252.72	49	57.46	33.72	348.98	298.87	271.43	254.02
54.81	30.47	346.53	297.91	270.10	252.04	48	56.23	31.93	347.69	298.87	271.23	253.33
53.67	28.79	345.34	297.91	269.94	251.43	47	55.08	30.24	346.49	298.87	271.07	252.71
52.59	27.22	344.23	297.91	269.82	250.86	46	53.99	28.66	345.37	298.87	270.94	252.14
51.58	25.75	343.19	297.91	269.73	250.35	45	52.98	27.17	344.33	298.87	270.85	251.63
50.63	24.35	342.23	297.91	269.67	249.89	44	52.02	25.76	343.35	298.87	270.77	251.16
49.74	23.03	341.32	297.91	269.62	249.47	43	51.12	24.43	342.44	298.87	270.72	250.72
48.90	21.79	340.47	297.91	269.60	249.08	42	50.27	23.17	341.58	298.87	270.69	250.33
48.10	20.61	339.67	297.91	269.59	248.73	41	49.46	21.98	340.78	298.87	270.67	249.97
47.35	19.49	338.92	297.91	269.59	248.41	40	48.70	20.85	340.02	298.87	270.67	249.64
46.64	18.42	338.21	297.91	269.61	248.11	39	47.98	19.77	339.30	298.87	270.68	249.33
45.96	17.41	337.54	297.91	269.64	247.84	38	47.29	18.74	338.63	298.87	270.70	249.05
45.31	16.45	336.90	297.91	269.67	247.59	37	46.63	17.77	337.99	298.87	270.73	248.79
44.69	15.53	336.31	297.91	269.71	247.36	36	46.01	16.84	337.39	298.87	270.77	248.56
44.11	14.65	335.74	297.91	269.76	247.14	35	45.41	15.95	336.82	298.87	270.81	248.33
43.54	13.81	335.20	297.91	269.81	246.94	34	44.84	15.10	336.28	298.87	270.85	248.13
43.01	13.01	334.69	297.91	269.86	246.76	33	44.29	14.29	335.77	298.87	270.90	247.94
42.49	12.25	334.21	297.91	269.92	246.59	32	43.77	13.52	335.28	298.87	270.95	247.76
42.00	11.52	333.75	297.91	269.98	246.43	31	43.26	12.78	334.82	298.87	271.01	247.59
41.52	10.82	333.32	297.91	270.04	246.28	30	42.78	12.07	334.38	298.87	271.06	247.43
41.06	10.15	332.91	297.91	270.09	246.13	29	42.31	11.39	333.97	298.87	271.12	247.28
40.62	9.51	332.52	297.91	270.15	246.00	28	41.86	10.74	333.57	298.87	271.17	247.14
40.20	8.90	332.15	297.91	270.21	245.87	27	41.43	10.12	333.20	298.87	271.23	247.00
39.79	8.31	331.79	297.91	270.27	245.75	26	41.01	9.52	332.84	298.87	271.28	246.87
39.39	7.74	331.46	297.91	270.33	245.63	25	40.60	8.95	332.51	298.87	271.33	246.75
39.01	7.20	331.14	297.91	270.38	245.52	24	40.21	8.40	332.19	298.87	271.38	246.63
38.63	6.68	330.84	297.91	270.43	245.40	23	39.83	7.87	331.88	298.87	271.43	246.51
38.27	6.19	330.55	297.91	270.48	245.30	22	39.46	7.37	331.59	298.87	271.48	246.39
37.92	5.71	330.28	297.91	270.53	245.19	21	39.11	6.88	331.32	298.87	271.52	246.28
37.58	5.25	330.02	297.91	270.57	245.08	20	38.76	6.42	331.06	298.87	271.56	246.17
37.25	4.81	329.78	297.91	270.61	244.98	19	38.42	5.97	330.81	298.87	271.60	246.06
36.93	4.39	329.55	297.91	270.65	244.88	18	38.09	5.55	330.58	298.87	271.63	245.95
36.62	3.99	329.33	297.91	270.68	244.77	17	37.77	5.14	330.36	298.87	271.66	245.84
36.31	3.61	329.12	297.91	270.71	244.67	16	37.46	4.75	330.15	298.87	271.69	245.73
36.01	3.24	328.93	297.91	270.73	244.56	15	37.15	4.37	329.96	298.87	271.71	245.62
35.72	2.88	328.75	297.91	270.75	244.46	14	36.85	4.01	329.77	298.87	271.73	245.51
35.44	2.55	328.58	297.91	270.77	244.35	13	36.56	3.67	329.60	298.87	271.74	245.39
35.16	2.22	328.42	297.91	270.78	244.24	12	36.27	3.34	329.44	298.87	271.75	245.28
34.88	1.92	328.27	297.91	270.78	244.12	11	35.99	3.03	329.29	298.87	271.75	245.16
34.62	1.62	328.12	297.91	270.79	244.01	10	35.72	2.73	329.14	298.87	271.75	245.04
34.35	1.34	327.99	297.91	270.78	243.89	9	35.45	2.44	329.01	298.87	271.75	244.92
34.10	1.07	327.87	297.91	270.78	243.77	8	35.19	2.17	328.89	298.87	271.74	244.79
33.84	0.82	327.76	297.91	270.76	243.64	7	34.93	1.91	328.78	298.87	271.72	244.66
33.60	0.58	327.66	297.91	270.74	243.51	6	34.67	1.66	328.67	298.87	271.70	244.52
33.35	0.35	327.57	297.91	270.72	243.38	5	34.42	1.43	328.58	298.87	271.68	244.39
33.11	0.13	327.48	297.91	270.69	243.24	4	34.18	1.20	328.49	298.87	271.65	244.24
32.87	359.93	327.40	297.91	270.66	243.10	3	33.93	0.99	328.41	298.87	271.61	244.10
32.64	359.73	327.34	297.91	270.62	242.95	2	33.69	0.79	328.35	298.87	271.57	243.94
32.41	359.55	327.28	297.91	270.57	242.80	1	33.46	0.60	328.29	298.87	271.52	243.79
32.18	359.37	327.23	297.91	270.52	242.64	0	33.22	0.43	328.23	298.87	271.47	243.62

302° Sternzeit 20h 8min						303° Sternzeit 20h12min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
94.09	85.30	41.76	299.82	285.58	279.47	64	94.88	86.06	42.62	300.79	286.43	280.29
90.33	80.03	33.60	299.82	283.74	276.64	63	91.22	80.92	34.62	300.79	284.66	277.54
86.81	75.07	26.89	299.82	282.10	274.03	62	87.80	76.09	28.00	300.79	283.07	275.00
83.53	70.45	21.30	299.82	280.63	271.63	61	84.60	71.57	22.46	300.79	281.64	272.67
80.49	66.14	16.57	299.82	279.34	269.44	60	81.63	67.35	17.76	300.79	280.38	270.53
77.68	62.15	12.52	299.82	278.19	267.45	59	78.87	63.42	13.72	300.79	279.26	268.58
75.08	58.46	9.00	299.82	277.19	265.64	58	76.32	59.78	10.21	300.79	278.28	266.81
72.68	55.04	5.92	299.82	276.32	263.99	57	73.96	56.39	7.12	300.79	277.42	265.19
70.46	51.87	3.18	299.82	275.56	262.50	56	71.77	53.26	4.38	300.79	276.67	263.72
68.41	48.94	0.74	299.82	274.90	261.15	55	69.74	50.34	1.93	300.79	276.02	262.38
66.51	46.22	358.54	299.82	274.34	259.92	54	67.85	47.63	359.72	300.79	275.46	261.17
64.75	43.69	356.55	299.82	273.85	258.81	53	66.10	45.11	357.73	300.79	274.98	260.06
63.12	41.33	354.73	299.82	273.44	257.80	52	64.48	42.76	355.91	300.79	274.57	259.06
61.60	39.14	353.07	299.82	273.09	256.89	51	62.96	40.56	354.24	300.79	274.21	258.14
60.18	37.08	351.55	299.82	272.80	256.05	50	61.55	38.51	352.71	300.79	273.92	257.31
58.86	35.16	350.14	299.82	272.55	255.30	49	60.22	36.58	351.29	300.79	273.67	256.55
57.62	33.36	348.84	299.82	272.35	254.61	48	58.99	34.77	349.99	300.79	273.46	255.86
56.46	31.67	347.63	299.82	272.19	253.98	47	57.82	33.07	348.77	300.79	273.29	255.23
55.37	30.08	346.51	299.82	272.05	253.41	46	56.73	31.47	347.64	300.79	273.16	254.65
54.35	28.57	345.46	299.82	271.95	252.88	45	55.71	29.96	346.59	300.79	273.05	254.12
53.39	27.15	344.48	299.82	271.87	252.41	44	54.74	28.53	345.60	300.79	272.96	253.64
52.48	25.81	343.56	299.82	271.81	251.97	43	53.82	27.18	344.67	300.79	272.90	253.20
51.62	24.54	342.70	299.82	271.78	251.57	42	52.95	25.90	343.81	300.79	272.86	252.79
50.81	23.34	341.89	299.82	271.76	251.20	41	52.13	24.68	342.99	300.79	272.83	252.41
50.04	22.19	341.12	299.82	271.75	250.86	40	51.35	23.52	342.22	300.79	272.82	252.07
49.30	21.10	340.40	299.82	271.75	250.55	39	50.61	22.42	341.50	300.79	272.82	251.75
48.61	20.07	339.72	299.82	271.77	250.26	38	49.91	21.38	340.82	300.79	272.83	251.45
47.94	19.08	339.08	299.82	271.79	249.99	37	49.24	20.38	340.17	300.79	272.84	251.18
47.31	18.14	338.47	299.82	271.82	249.75	36	48.59	19.43	339.56	300.79	272.87	250.93
46.70	17.24	337.90	299.82	271.85	249.52	35	47.98	18.52	338.98	300.79	272.90	250.69
46.12	16.38	337.36	299.82	271.90	249.30	34	47.39	17.65	338.43	300.79	272.94	250.47
45.56	15.56	336.84	299.82	271.94	249.10	33	46.83	16.82	337.91	300.79	272.98	250.26
45.03	14.78	336.35	299.82	271.99	248.92	32	46.29	16.03	337.42	300.79	273.02	250.07
44.52	14.03	335.89	299.82	272.04	248.74	31	45.76	15.27	336.95	300.79	273.06	249.89
44.03	13.31	335.45	299.82	272.09	248.58	30	45.26	14.54	336.51	300.79	273.11	249.71
43.55	12.62	335.03	299.82	272.14	248.42	29	44.78	13.85	336.09	300.79	273.16	249.55
43.09	11.96	334.63	299.82	272.19	248.27	28	44.32	13.18	335.69	300.79	273.21	249.40
42.65	11.33	334.26	299.82	272.24	248.13	27	43.87	12.54	335.31	300.79	273.25	249.25
42.22	10.73	333.90	299.82	272.29	247.99	26	43.43	11.93	334.95	300.79	273.30	249.10
41.81	10.15	333.56	299.82	272.34	247.86	25	43.01	11.34	334.61	300.79	273.34	248.97
41.41	9.59	333.23	299.82	272.39	247.73	24	42.60	10.78	334.28	300.79	273.39	248.83
41.02	9.05	332.93	299.82	272.43	247.61	23	42.21	10.23	333.97	300.79	273.43	248.70
40.65	8.54	332.64	299.82	272.47	247.49	22	41.82	9.71	333.68	300.79	273.47	248.58
40.28	8.05	332.36	299.82	272.51	247.37	21	41.45	9.22	333.40	300.79	273.51	248.45
39.93	7.58	332.10	299.82	272.55	247.25	20	41.09	8.74	333.14	300.79	273.54	248.33
39.58	7.13	331.85	299.82	272.59	247.14	19	40.74	8.28	332.89	300.79	273.57	248.21
39.24	6.69	331.62	299.82	272.62	247.02	18	40.39	7.84	332.65	300.79	273.60	248.09
38.92	6.28	331.40	299.82	272.64	246.91	17	40.06	7.42	332.43	300.79	273.63	247.97
38.60	5.88	331.19	299.82	272.67	246.79	16	39.73	7.02	332.22	300.79	273.65	247.85
38.28	5.50	330.99	299.82	272.69	246.68	15	39.41	6.63	332.02	300.79	273.66	247.73
37.98	5.14	330.80	299.82	272.70	246.56	14	39.10	6.26	331.83	300.79	273.68	247.60
37.68	4.79	330.63	299.82	272.71	246.44	13	38.79	5.90	331.66	300.79	273.69	247.48
37.39	4.45	330.46	299.82	272.72	246.32	12	38.50	5.56	331.49	300.79	273.69	247.35
37.10	4.13	330.31	299.82	272.72	246.19	11	38.20	5.24	331.33	300.79	273.69	247.23
36.82	3.83	330.17	299.82	272.72	246.07	10	37.92	4.93	331.19	300.79	273.69	247.10
36.54	3.54	330.03	299.82	272.71	245.94	9	37.63	4.63	331.05	300.79	273.68	246.96
36.27	3.26	329.91	299.82	272.70	245.81	8	37.36	4.35	330.93	300.79	273.66	246.83
36.01	2.99	329.79	299.82	272.68	245.67	7	37.08	4.08	330.81	300.79	273.65	246.69
35.75	2.74	329.69	299.82	272.66	245.53	6	36.82	3.82	330.71	300.79	273.62	246.54
35.49	2.50	329.59	299.82	272.64	245.39	5	36.55	3.58	330.61	300.79	273.59	246.39
35.24	2.27	329.51	299.82	272.60	245.24	4	36.29	3.34	330.52	300.79	273.56	246.24
34.99	2.06	329.43	299.82	272.57	245.09	3	36.04	3.12	330.44	300.79	273.52	246.09
34.74	1.85	329.36	299.82	272.52	244.94	2	35.79	2.91	330.37	300.79	273.47	245.93
34.50	1.66	329.29	299.82	272.47	244.77	1	35.54	2.72	330.31	300.79	273.42	245.76
34.26	1.48	329.24	299.82	272.42	244.61	0	35.29	2.53	330.25	300.79	273.37	245.59

304°		Sternzeit			20h16min		305°		Sternzeit			20h20min	
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
95.65	86.79	43.46	301.75	287.28	281.10	64	96.41	87.50	44.27	302.72	288.12	281.89	
92.09	81.79	35.61	301.75	285.56	278.43	63	92.95	82.63	36.58	302.72	286.46	279.29	
88.76	77.07	29.08	301.75	284.02	275.96	62	89.69	78.02	30.14	302.72	284.96	276.89	
85.64	72.64	23.59	301.75	282.63	273.68	61	86.65	73.69	24.71	302.72	283.61	274.68	
82.73	68.51	18.92	301.75	281.40	271.60	60	83.81	69.63	20.07	302.72	282.41	272.64	
80.03	64.65	14.90	301.75	280.31	269.69	59	81.16	65.84	16.06	302.72	281.34	270.77	
77.52	61.05	11.39	301.75	279.35	267.95	58	78.70	62.29	12.57	302.72	280.40	269.06	
75.20	57.71	8.31	301.75	278.50	266.36	57	76.41	58.99	9.49	302.72	279.57	267.50	
73.04	54.61	5.57	301.75	277.77	264.91	56	74.27	55.92	6.74	302.72	278.85	266.07	
71.03	51.71	3.11	301.75	277.13	263.59	55	72.29	53.05	4.29	302.72	278.22	264.77	
69.16	49.02	0.90	301.75	276.57	262.38	54	70.44	50.37	2.07	302.72	277.67	263.58	
67.43	46.51	358.90	301.75	276.09	261.29	53	68.72	47.87	0.06	302.72	277.19	262.49	
65.81	44.16	357.07	301.75	275.68	260.29	52	67.11	45.53	358.23	302.72	276.78	261.50	
64.30	41.96	355.40	301.75	275.33	259.38	51	65.61	43.34	356.55	302.72	276.43	260.60	
62.89	39.91	353.86	301.75	275.03	258.55	50	64.20	41.28	355.01	302.72	276.13	259.77	
61.57	37.98	352.44	301.75	274.78	257.79	49	62.88	39.35	353.58	302.72	275.87	259.01	
60.33	36.17	351.13	301.75	274.57	257.10	48	61.65	37.53	352.26	302.72	275.66	258.32	
59.16	34.46	349.91	301.75	274.39	256.46	47	60.48	35.82	351.04	302.72	275.49	257.68	
58.07	32.85	348.77	301.75	274.25	255.88	46	59.39	34.20	349.90	302.72	275.34	257.10	
57.04	31.33	347.71	301.75	274.14	255.35	45	58.35	32.68	348.83	302.72	275.22	256.56	
56.06	29.89	346.72	301.75	274.05	254.86	44	57.37	31.23	347.83	302.72	275.13	256.07	
55.14	28.53	345.79	301.75	273.98	254.41	43	56.45	29.86	346.90	302.72	275.06	255.61	
54.27	27.24	344.92	301.75	273.93	254.00	42	55.57	28.56	346.02	302.72	275.00	255.19	
53.44	26.01	344.10	301.75	273.90	253.62	41	54.74	27.33	345.20	302.72	274.97	254.81	
52.66	24.84	343.32	301.75	273.88	253.26	40	53.94	26.15	344.42	302.72	274.95	254.45	
51.91	23.73	342.59	301.75	273.88	252.94	39	53.19	25.03	343.69	302.72	274.93	254.12	
51.20	22.68	341.91	301.75	273.88	252.64	38	52.47	23.97	343.00	302.72	274.93	253.81	
50.52	21.67	341.26	301.75	273.90	252.36	37	51.78	22.95	342.34	302.72	274.94	253.52	
49.87	20.71	340.64	301.75	273.92	252.10	36	51.13	21.98	341.73	302.72	274.96	253.26	
49.24	19.79	340.06	301.75	273.94	251.85	35	50.50	21.06	341.14	302.72	274.98	253.01	
48.65	18.92	339.51	301.75	273.97	251.63	34	49.90	20.17	340.59	302.72	275.01	252.77	
48.08	18.08	338.99	301.75	274.01	251.41	33	49.32	19.32	340.06	302.72	275.04	252.56	
47.53	17.28	338.49	301.75	274.05	251.21	32	48.76	18.51	339.56	302.72	275.08	252.35	
47.00	16.51	338.02	301.75	274.09	251.02	31	48.23	17.74	339.09	302.72	275.11	252.15	
46.49	15.77	337.58	301.75	274.13	250.85	30	47.71	16.99	338.64	302.72	275.15	251.97	
46.00	15.07	337.15	301.75	274.18	250.68	29	47.21	16.28	338.21	302.72	275.19	251.79	
45.53	14.39	336.75	301.75	274.22	250.51	28	46.73	15.60	337.81	302.72	275.23	251.63	
45.07	13.75	336.37	301.75	274.26	250.36	27	46.27	14.94	337.43	302.72	275.27	251.47	
44.63	13.12	336.00	301.75	274.31	250.21	26	45.82	14.32	337.06	302.72	275.31	251.31	
44.20	12.53	335.66	301.75	274.35	250.07	25	45.38	13.71	336.71	302.72	275.35	251.16	
43.79	11.96	335.33	301.75	274.39	249.93	24	44.96	13.13	336.38	302.72	275.39	251.02	
43.38	11.41	335.02	301.75	274.43	249.79	23	44.55	12.58	336.07	302.72	275.43	250.88	
42.99	10.88	334.73	301.75	274.47	249.66	22	44.16	12.05	335.77	302.72	275.46	250.74	
42.61	10.38	334.45	301.75	274.50	249.53	21	43.77	11.54	335.49	302.72	275.49	250.61	
42.25	9.89	334.18	301.75	274.53	249.40	20	43.39	11.05	335.22	302.72	275.52	250.47	
41.89	9.43	333.93	301.75	274.56	249.28	19	43.03	10.58	334.97	302.72	275.55	250.34	
41.54	8.98	333.69	301.75	274.59	249.15	18	42.67	10.12	334.73	302.72	275.57	250.21	
41.19	8.56	333.47	301.75	274.61	249.03	17	42.32	9.69	334.50	302.72	275.59	250.08	
40.86	8.15	333.25	301.75	274.63	248.90	16	41.98	9.27	334.29	302.72	275.61	249.95	
40.53	7.75	333.05	301.75	274.64	248.77	15	41.65	8.88	334.09	302.72	275.62	249.82	
40.22	7.38	332.86	301.75	274.65	248.65	14	41.33	8.49	333.90	302.72	275.63	249.69	
39.90	7.02	332.69	301.75	274.66	248.52	13	41.01	8.13	333.72	302.72	275.63	249.55	
39.60	6.67	332.52	301.75	274.66	248.39	12	40.70	7.78	333.55	302.72	275.63	249.42	
39.30	6.34	332.36	301.75	274.66	248.25	11	40.39	7.44	333.39	302.72	275.63	249.28	
39.01	6.03	332.22	301.75	274.65	248.12	10	40.09	7.12	333.24	302.72	275.62	249.14	
38.72	5.72	332.08	301.75	274.64	247.98	9	39.80	6.82	333.10	302.72	275.61	249.00	
38.44	5.44	331.95	301.75	274.63	247.84	8	39.51	6.52	332.98	302.72	275.59	248.85	
38.16	5.16	331.83	301.75	274.61	247.70	7	39.23	6.24	332.86	302.72	275.57	248.70	
37.88	4.90	331.73	301.75	274.58	247.55	6	38.95	5.98	332.75	302.72	275.54	248.55	
37.61	4.65	331.63	301.75	274.55	247.40	5	38.67	5.72	332.65	302.72	275.51	248.39	
37.35	4.41	331.54	301.75	274.52	247.24	4	38.40	5.48	332.56	302.72	275.47	248.23	
37.09	4.19	331.46	301.75	274.47	247.08	3	38.13	5.25	332.47	302.72	275.43	248.07	
36.83	3.97	331.38	301.75	274.43	246.91	2	37.87	5.03	332.40	302.72	275.38	247.90	
36.58	3.77	331.32	301.75	274.38	246.74	1	37.61	4.83	332.33	302.72	275.33	247.73	
36.32	3.58	331.26	301.75	274.32	246.57	0	37.35	4.63	332.28	302.72	275.27	247.55	

306° Sternzeit 20h24min						307° Sternzeit 20h28min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
97.15	88.19	45.07	303.68	288.95	282.67	64	97.88	88.86	45.85	304.66	289.78	283.44
93.78	83.44	37.53	303.68	287.34	280.15	63	94.59	84.23	38.46	304.66	288.22	280.99
90.61	78.94	31.18	303.68	285.88	277.81	62	91.50	79.83	32.21	304.66	286.80	278.71
87.63	74.70	25.81	303.68	284.57	275.65	61	88.60	75.68	26.89	304.66	285.53	276.60
84.85	70.72	21.20	303.68	283.40	273.66	60	85.87	71.77	22.32	304.66	284.39	274.66
82.26	66.99	17.22	303.68	282.36	271.83	59	83.33	68.11	18.35	304.66	283.37	272.87
79.84	63.50	13.73	303.68	281.44	270.16	58	80.95	64.67	14.88	304.66	282.47	271.23
77.58	60.24	10.65	303.68	280.63	268.62	57	78.73	61.45	11.81	304.66	281.68	269.72
75.48	57.20	7.91	303.68	279.92	267.22	56	76.66	58.44	9.07	304.66	280.97	268.34
73.52	54.35	5.45	303.68	279.29	265.93	55	74.73	55.62	6.61	304.66	280.36	267.07
71.69	51.69	3.24	303.68	278.75	264.75	54	72.92	52.98	4.39	304.66	279.82	265.91
69.99	49.20	1.22	303.68	278.28	263.68	53	71.23	50.51	2.38	304.66	279.36	264.84
68.39	46.87	359.39	303.68	277.87	262.69	52	69.64	48.19	0.53	304.66	278.95	263.87
66.89	44.69	357.70	303.68	277.52	261.79	51	68.16	46.01	358.85	304.66	278.60	262.97
65.49	42.63	356.15	303.68	277.22	260.97	50	66.76	43.96	357.29	304.66	278.30	262.15
64.18	40.70	354.72	303.68	276.96	260.21	49	65.45	42.03	355.86	304.66	278.05	261.40
62.94	38.88	353.40	303.68	276.75	259.52	48	64.22	40.20	354.53	304.66	277.83	260.70
61.78	37.16	352.17	303.68	276.57	258.88	47	63.05	38.49	353.29	304.66	277.65	260.06
60.68	35.54	351.02	303.68	276.42	258.29	46	61.96	36.86	352.14	304.66	277.50	259.48
59.64	34.01	349.95	303.68	276.30	257.75	45	60.92	35.32	351.07	304.66	277.37	258.94
58.66	32.56	348.95	303.68	276.20	257.26	44	59.93	33.86	350.06	304.66	277.27	258.44
57.73	31.18	348.01	303.68	276.13	256.80	43	59.00	32.48	349.12	304.66	277.19	257.97
56.85	29.87	347.13	303.68	276.07	256.38	42	58.12	31.17	348.23	304.66	277.13	257.55
56.01	28.63	346.30	303.68	276.03	255.98	41	57.27	29.92	347.40	304.66	277.09	257.15
55.22	27.44	345.52	303.68	276.00	255.62	40	56.47	28.73	346.62	304.66	277.06	256.78
54.46	26.32	344.78	303.68	275.99	255.29	39	55.71	27.59	345.88	304.66	277.04	256.44
53.73	25.25	344.09	303.68	275.98	254.97	38	54.98	26.51	345.18	304.66	277.03	256.13
53.04	24.22	343.43	303.68	275.99	254.68	37	54.28	25.48	344.52	304.66	277.03	255.83
52.37	23.24	342.81	303.68	276.00	254.41	36	53.61	24.49	343.89	304.66	277.04	255.55
51.74	22.31	342.22	303.68	276.02	254.15	35	52.97	23.55	343.30	304.66	277.05	255.29
51.13	21.42	341.66	303.68	276.04	253.91	34	52.35	22.65	342.74	304.66	277.07	255.05
50.54	20.56	341.14	303.68	276.07	253.69	33	51.76	21.79	342.21	304.66	277.10	254.82
49.98	19.74	340.63	303.68	276.10	253.48	32	51.19	20.96	341.71	304.66	277.13	254.60
49.44	18.96	340.16	303.68	276.14	253.28	31	50.64	20.17	341.23	304.66	277.16	254.39
48.92	18.21	339.71	303.68	276.17	253.09	30	50.12	19.42	340.77	304.66	277.19	254.20
48.41	17.49	339.28	303.68	276.21	252.91	29	49.61	18.69	340.34	304.66	277.22	254.01
47.93	16.80	338.87	303.68	276.25	252.73	28	49.11	17.99	339.93	304.66	277.26	253.83
47.46	16.14	338.48	303.68	276.28	252.57	27	48.64	17.32	339.54	304.66	277.29	253.66
47.00	15.50	338.12	303.68	276.32	252.41	26	48.17	16.68	339.17	304.66	277.33	253.50
46.56	14.89	337.77	303.68	276.36	252.25	25	47.73	16.07	338.82	304.66	277.36	253.34
46.13	14.31	337.44	303.68	276.39	252.10	24	47.29	15.48	338.49	304.66	277.39	253.18
45.72	13.75	337.12	303.68	276.42	251.96	23	46.87	14.91	338.17	304.66	277.42	253.03
45.31	13.21	336.82	303.68	276.46	251.82	22	46.46	14.36	337.87	304.66	277.45	252.89
44.92	12.69	336.54	303.68	276.49	251.68	21	46.06	13.84	337.59	304.66	277.48	252.74
44.54	12.19	336.27	303.68	276.51	251.54	20	45.67	13.34	337.32	304.66	277.50	252.60
44.16	11.72	336.01	303.68	276.54	251.40	19	45.30	12.86	337.06	304.66	277.52	252.46
43.80	11.26	335.77	303.68	276.56	251.26	18	44.93	12.39	336.82	304.66	277.54	252.32
43.45	10.82	335.54	303.68	276.57	251.13	17	44.57	11.95	336.59	304.66	277.56	252.18
43.10	10.40	335.33	303.68	276.59	250.99	16	44.21	11.52	336.37	304.66	277.57	252.04
42.76	10.00	335.12	303.68	276.60	250.86	15	43.87	11.11	336.16	304.66	277.58	251.90
42.43	9.61	334.93	303.68	276.61	250.72	14	43.53	10.72	335.97	304.66	277.58	251.75
42.11	9.24	334.75	303.68	276.61	250.58	13	43.20	10.35	335.79	304.66	277.58	251.61
41.79	8.88	334.58	303.68	276.61	250.44	12	42.88	9.98	335.61	304.66	277.58	251.47
41.48	8.54	334.42	303.68	276.60	250.30	11	42.56	9.64	335.45	304.66	277.57	251.32
41.17	8.22	334.27	303.68	276.59	250.16	10	42.25	9.31	335.30	304.66	277.56	251.17
40.87	7.91	334.13	303.68	276.58	250.01	9	41.95	8.99	335.16	304.66	277.54	251.02
40.58	7.61	334.00	303.68	276.56	249.86	8	41.65	8.69	335.03	304.66	277.52	250.87
40.29	7.32	333.88	303.68	276.53	249.71	7	41.35	8.40	334.91	304.66	277.50	250.71
40.00	7.05	333.77	303.68	276.51	249.55	6	41.06	8.13	334.80	304.66	277.47	250.55
39.72	6.79	333.67	303.68	276.47	249.39	5	40.77	7.86	334.70	304.66	277.43	250.39
39.45	6.55	333.58	303.68	276.43	249.23	4	40.49	7.61	334.60	304.66	277.39	250.22
39.17	6.31	333.49	303.68	276.39	249.06	3	40.21	7.37	334.52	304.66	277.34	250.04
38.91	6.09	333.42	303.68	276.34	248.88	2	39.94	7.15	334.44	304.66	277.29	249.87
38.64	5.88	333.35	303.68	276.28	248.71	1	39.67	6.93	334.37	304.66	277.24	249.68
38.38	5.68	333.29	303.68	276.22	248.52	0	39.40	6.73	334.31	304.66	277.17	249.50

308° Sternzeit 20h32min						309° Sternzeit 20h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
98.59	89.52	46.62	305.63	290.60	284.20	64	99.29	90.16	47.37	306.61	291.41	284.95
95.39	85.00	39.37	305.63	289.08	281.81	63	96.17	85.75	40.27	306.61	289.94	282.63
92.37	80.70	33.22	305.63	287.71	279.60	62	93.23	81.54	34.21	306.61	288.61	280.47
89.53	76.63	27.96	305.63	286.47	277.54	61	90.45	77.56	29.01	306.61	287.40	278.46
86.87	72.80	23.42	305.63	285.36	275.64	60	87.84	73.80	24.51	306.61	286.32	276.61
84.38	69.20	19.48	305.63	284.37	273.89	59	85.40	70.25	20.59	306.61	285.35	274.89
82.04	65.81	16.02	305.63	283.49	272.28	58	83.10	66.92	17.15	306.61	284.49	273.31
79.86	62.63	12.95	305.63	282.71	270.80	57	80.96	63.79	14.09	306.61	283.73	271.86
77.81	59.66	10.22	305.63	282.02	269.44	56	78.94	60.84	11.36	306.61	283.05	270.52
75.90	56.87	7.76	305.63	281.41	268.19	55	77.06	58.08	8.90	306.61	282.46	269.29
74.12	54.25	5.54	305.63	280.88	267.04	54	75.29	55.48	6.68	306.61	281.94	268.16
72.44	51.79	3.52	305.63	280.42	265.99	53	73.63	53.04	4.66	306.61	281.48	267.12
70.87	49.48	1.68	305.63	280.02	265.02	52	72.07	50.74	2.81	306.61	281.08	266.16
69.39	47.30	359.99	305.63	279.67	264.13	51	70.61	48.58	1.12	306.61	280.74	265.28
68.01	45.26	358.43	305.63	279.37	263.32	50	69.23	46.54	359.56	306.61	280.44	264.46
66.70	43.33	356.99	305.63	279.12	262.56	49	67.93	44.61	358.12	306.61	280.18	263.72
65.47	41.51	355.66	305.63	278.90	261.87	48	66.70	42.79	356.78	306.61	279.96	263.03
64.31	39.79	354.42	305.63	278.72	261.23	47	65.54	41.07	355.54	306.61	279.78	262.39
63.21	38.16	353.26	305.63	278.56	260.65	46	64.45	39.44	354.38	306.61	279.63	261.80
62.17	36.62	352.18	305.63	278.44	260.10	45	63.41	37.90	353.29	306.61	279.50	261.26
61.19	35.15	351.17	305.63	278.33	259.60	44	62.42	36.43	352.28	306.61	279.39	260.75
60.25	33.77	350.22	305.63	278.25	259.14	43	61.49	35.04	351.33	306.61	279.31	260.29
59.36	32.45	349.34	305.63	278.19	258.71	42	60.60	33.71	350.44	306.61	279.24	259.85
58.52	31.19	348.50	305.63	278.14	258.31	41	59.75	32.45	349.60	306.61	279.19	259.45
57.71	29.99	347.71	305.63	278.11	257.94	40	58.94	31.25	348.81	306.61	279.15	259.08
56.94	28.85	346.97	305.63	278.08	257.59	39	58.17	30.10	348.06	306.61	279.13	258.73
56.21	27.77	346.27	305.63	278.07	257.27	38	57.43	29.01	347.35	306.61	279.11	258.40
55.51	26.73	345.60	305.63	278.07	256.97	37	56.72	27.96	346.69	306.61	279.11	258.10
54.83	25.74	344.98	305.63	278.07	256.68	36	56.04	26.97	346.06	306.61	279.11	257.81
54.18	24.79	344.38	305.63	278.09	256.42	35	55.39	26.01	345.46	306.61	279.12	257.54
53.56	23.88	343.82	305.63	278.10	256.17	34	54.76	25.10	344.90	306.61	279.13	257.29
52.97	23.01	343.28	305.63	278.12	255.94	33	54.16	24.22	344.36	306.61	279.15	257.05
52.39	22.18	342.78	305.63	278.15	255.71	32	53.58	23.38	343.85	306.61	279.17	256.82
51.84	21.38	342.30	305.63	278.18	255.50	31	53.02	22.58	343.37	306.61	279.19	256.61
51.30	20.62	341.84	305.63	278.20	255.30	30	52.48	21.81	342.91	306.61	279.22	256.40
50.79	19.88	341.41	305.63	278.24	255.11	29	51.96	21.07	342.47	306.61	279.25	256.20
50.29	19.18	341.00	305.63	278.27	254.93	28	51.46	20.36	342.06	306.61	279.28	256.02
49.81	18.50	340.60	305.63	278.30	254.75	27	50.97	19.68	341.67	306.61	279.30	255.84
49.34	17.86	340.23	305.63	278.33	254.58	26	50.49	19.03	341.29	306.61	279.33	255.66
48.88	17.24	339.88	305.63	278.36	254.42	25	50.04	18.40	340.94	306.61	279.36	255.49
48.44	16.64	339.54	305.63	278.39	254.26	24	49.59	17.80	340.60	306.61	279.39	255.33
48.02	16.07	339.23	305.63	278.42	254.10	23	49.16	17.22	340.28	306.61	279.41	255.17
47.60	15.51	338.92	305.63	278.44	253.95	22	48.74	16.66	339.97	306.61	279.44	255.01
47.20	14.99	338.64	305.63	278.47	253.80	21	48.33	16.13	339.69	306.61	279.46	254.86
46.80	14.48	338.36	305.63	278.49	253.65	20	47.93	15.61	339.41	306.61	279.48	254.71
46.42	13.99	338.10	305.63	278.51	253.51	19	47.54	15.12	339.15	306.61	279.50	254.56
46.04	13.52	337.86	305.63	278.53	253.36	18	47.16	14.65	338.91	306.61	279.51	254.41
45.68	13.07	337.63	305.63	278.54	253.22	17	46.78	14.19	338.67	306.61	279.52	254.26
45.32	12.64	337.41	305.63	278.55	253.07	16	46.42	13.76	338.45	306.61	279.53	254.11
44.97	12.23	337.20	305.63	278.56	252.93	15	46.07	13.34	338.24	306.61	279.54	253.96
44.63	11.83	337.01	305.63	278.56	252.78	14	45.72	12.94	338.05	306.61	279.54	253.81
44.29	11.45	336.82	305.63	278.56	252.64	13	45.38	12.55	337.86	306.61	279.53	253.66
43.96	11.08	336.65	305.63	278.55	252.49	12	45.04	12.18	337.69	306.61	279.53	253.51
43.64	10.73	336.49	305.63	278.54	252.34	11	44.72	11.83	337.52	306.61	279.52	253.35
43.32	10.40	336.34	305.63	278.53	252.19	10	44.39	11.49	337.37	306.61	279.50	253.20
43.01	10.08	336.19	305.63	278.51	252.03	9	44.08	11.16	337.23	306.61	279.48	253.04
42.71	9.77	336.06	305.63	278.49	251.87	8	43.77	10.85	337.09	306.61	279.46	252.87
42.41	9.48	335.94	305.63	278.46	251.71	7	43.46	10.55	336.97	306.61	279.43	252.71
42.11	9.20	335.83	305.63	278.43	251.55	6	43.16	10.27	336.86	306.61	279.39	252.54
41.82	8.93	335.72	305.63	278.39	251.38	5	42.86	10.00	336.75	306.61	279.36	252.37
41.53	8.68	335.63	305.63	278.35	251.21	4	42.57	9.74	336.65	306.61	279.31	252.19
41.25	8.43	335.54	305.63	278.30	251.03	3	42.28	9.49	336.57	306.61	279.26	252.01
40.97	8.20	335.46	305.63	278.25	250.85	2	41.99	9.26	336.49	306.61	279.21	251.83
40.69	7.98	335.39	305.63	278.19	250.66	1	41.71	9.03	336.42	306.61	279.15	251.64
40.42	7.77	335.33	305.63	278.13	250.47	0	41.43	8.82	336.36	306.61	279.08	251.44

310° Sternzeit 20h40min						311° Sternzeit 20h44min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
99.98	90.79	48.11	307.59	292.22	285.69	64	100.66	91.41	48.84	308.57	293.03	286.43
96.94	86.48	41.15	307.59	290.79	283.43	63	97.69	87.19	42.01	308.57	291.64	284.22
94.06	82.36	35.18	307.59	289.50	281.32	62	94.88	83.17	36.14	308.57	290.38	282.17
91.35	78.46	30.04	307.59	288.32	279.37	61	92.23	79.34	31.07	308.57	289.24	280.26
88.80	74.77	25.59	307.59	287.27	277.55	60	89.73	75.72	26.65	308.57	288.21	278.49
86.40	71.29	21.70	307.59	286.33	275.88	59	87.38	72.29	22.79	308.57	287.29	276.85
84.14	68.00	18.26	307.59	285.49	274.33	58	85.16	69.06	19.37	308.57	286.47	275.33
82.03	64.91	15.22	307.59	284.74	272.90	57	83.08	66.01	16.33	308.57	285.74	273.93
80.05	62.00	12.49	307.59	284.08	271.58	56	81.13	63.13	13.62	308.57	285.09	272.63
78.19	59.26	10.04	307.59	283.49	270.37	55	79.29	60.42	11.17	308.57	284.52	271.44
76.44	56.69	7.82	307.59	282.98	269.25	54	77.57	57.87	8.95	308.57	284.01	270.33
74.80	54.26	5.79	307.59	282.53	268.22	53	75.94	55.47	6.92	308.57	283.57	269.32
73.25	51.98	3.95	307.59	282.13	267.28	52	74.41	53.20	5.07	308.57	283.18	268.38
71.80	49.83	2.25	307.59	281.79	266.40	51	72.97	51.05	3.38	308.57	282.84	267.51
70.43	47.79	0.69	307.59	281.50	265.60	50	71.61	49.03	1.81	308.57	282.54	266.71
69.14	45.87	359.24	307.59	281.24	264.85	49	70.32	47.11	0.36	308.57	282.29	265.97
67.92	44.06	357.90	307.59	281.02	264.17	48	69.11	45.30	359.02	308.57	282.07	265.29
66.76	42.34	356.65	307.59	280.84	263.53	47	67.96	43.58	357.77	308.57	281.89	264.66
65.67	40.71	355.49	307.59	280.68	262.94	46	66.87	41.95	356.60	308.57	281.73	264.07
64.63	39.16	354.40	307.59	280.55	262.40	45	65.83	40.40	355.51	308.57	281.60	263.53
63.64	37.69	353.39	307.59	280.44	261.89	44	64.85	38.93	354.49	308.57	281.49	263.02
62.71	36.29	352.43	307.59	280.36	261.43	43	63.91	37.53	353.54	308.57	281.40	262.55
61.81	34.96	351.54	307.59	280.29	260.99	42	63.02	36.20	352.64	308.57	281.33	262.12
60.96	33.70	350.69	307.59	280.23	260.59	41	62.16	34.93	351.79	308.57	281.27	261.71
60.15	32.49	349.90	307.59	280.19	260.21	40	61.35	33.72	350.99	308.57	281.23	261.33
59.37	31.34	349.15	307.59	280.16	259.86	39	60.57	32.57	350.24	308.57	281.20	260.97
58.63	30.24	348.44	307.59	280.15	259.53	38	59.82	31.46	349.53	308.57	281.18	260.64
57.92	29.19	347.77	307.59	280.14	259.22	37	59.11	30.41	348.86	308.57	281.17	260.33
57.24	28.19	347.14	307.59	280.14	258.93	36	58.42	29.40	348.22	308.57	281.16	260.03
56.58	27.23	346.54	307.59	280.14	258.65	35	57.76	28.43	347.62	308.57	281.17	259.76
55.95	26.31	345.97	307.59	280.15	258.40	34	57.13	27.51	347.05	308.57	281.18	259.50
55.34	25.43	345.43	307.59	280.17	258.15	33	56.52	26.62	346.51	308.57	281.19	259.25
54.76	24.58	344.92	307.59	280.19	257.92	32	55.93	25.77	346.00	308.57	281.20	259.01
54.20	23.77	344.44	307.59	280.21	257.70	31	55.36	24.96	345.51	308.57	281.22	258.79
53.65	23.00	343.98	307.59	280.23	257.49	30	54.81	24.17	345.05	308.57	281.24	258.58
53.12	22.25	343.54	307.59	280.26	257.29	29	54.28	23.42	344.61	308.57	281.27	258.37
52.61	21.54	343.12	307.59	280.28	257.10	28	53.76	22.70	344.19	308.57	281.29	258.18
52.12	20.85	342.73	307.59	280.31	256.91	27	53.27	22.01	343.79	308.57	281.31	257.99
51.64	20.19	342.35	307.59	280.34	256.74	26	52.78	21.35	343.41	308.57	281.34	257.80
51.18	19.56	342.00	307.59	280.36	256.56	25	52.31	20.71	343.06	308.57	281.36	257.63
50.73	18.95	341.66	307.59	280.39	256.39	24	51.86	20.10	342.72	308.57	281.38	257.45
50.29	18.36	341.33	307.59	280.41	256.23	23	51.41	19.51	342.39	308.57	281.41	257.29
49.86	17.80	341.03	307.59	280.43	256.07	22	50.98	18.94	342.08	308.57	281.43	257.12
49.45	17.26	340.74	307.59	280.45	255.91	21	50.56	18.40	341.79	308.57	281.44	256.96
49.04	16.75	340.46	307.59	280.47	255.75	20	50.15	17.87	341.51	308.57	281.46	256.80
48.65	16.25	340.20	307.59	280.48	255.60	19	49.75	17.37	341.25	308.57	281.47	256.64
48.26	15.77	339.95	307.59	280.50	255.45	18	49.36	16.89	341.00	308.57	281.48	256.48
47.88	15.31	339.72	307.59	280.51	255.29	17	48.98	16.43	340.77	308.57	281.49	256.32
47.52	14.87	339.50	307.59	280.51	255.14	16	48.61	15.98	340.54	308.57	281.49	256.17
47.16	14.45	339.29	307.59	280.52	254.99	15	48.24	15.55	340.33	308.57	281.50	256.01
46.80	14.04	339.09	307.59	280.51	254.83	14	47.88	15.14	340.13	308.57	281.49	255.85
46.46	13.65	338.90	307.59	280.51	254.68	13	47.53	14.75	339.94	308.57	281.49	255.69
46.12	13.28	338.73	307.59	280.50	254.52	12	47.19	14.37	339.77	308.57	281.48	255.53
45.78	12.92	338.56	307.59	280.49	254.36	11	46.85	14.00	339.60	308.57	281.46	255.37
45.46	12.57	338.41	307.59	280.47	254.20	10	46.52	13.66	339.45	308.57	281.44	255.21
45.14	12.24	338.26	307.59	280.45	254.04	9	46.19	13.32	339.30	308.57	281.42	255.04
44.82	11.93	338.13	307.59	280.42	253.87	8	45.87	13.00	339.16	308.57	281.39	254.87
44.51	11.63	338.00	307.59	280.39	253.71	7	45.55	12.70	339.04	308.57	281.36	254.70
44.20	11.34	337.89	307.59	280.36	253.53	6	45.24	12.40	338.92	308.57	281.32	254.52
43.90	11.06	337.78	307.59	280.32	253.36	5	44.93	12.12	338.81	308.57	281.28	254.34
43.60	10.80	337.68	307.59	280.27	253.18	4	44.63	11.86	338.71	308.57	281.24	254.16
43.31	10.55	337.59	307.59	280.22	252.99	3	44.33	11.60	338.62	308.57	281.18	253.97
43.02	10.31	337.51	307.59	280.17	252.80	2	44.04	11.36	338.54	308.57	281.13	253.78
42.73	10.08	337.44	307.59	280.10	252.61	1	43.75	11.13	338.47	308.57	281.06	253.58
42.45	9.86	337.38	307.59	280.04	252.41	0	43.46	10.91	338.41	308.57	280.99	253.38

312°		Sternzeit				20h48min	313°		Sternzeit				20h52min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
101.34	92.01	49.56	309.56	293.83	287.15	64	102.00	92.60	50.27	310.55	294.62	287.87	
98.44	87.89	42.87	309.56	292.48	285.01	63	99.17	88.57	43.71	310.55	293.31	285.78	
95.69	83.95	37.09	309.56	291.25	283.00	62	96.48	84.71	38.02	310.55	292.12	283.83	
93.09	80.20	32.08	309.56	290.14	281.14	61	93.94	81.03	33.07	310.55	291.04	282.01	
90.64	76.64	27.71	309.56	289.15	279.41	60	91.54	77.54	28.75	310.55	290.07	280.31	
88.33	73.27	23.87	309.56	288.25	277.80	59	89.27	74.23	24.94	310.55	289.20	278.74	
86.16	70.08	20.47	309.56	287.45	276.31	58	87.14	71.09	21.56	310.55	288.41	277.28	
84.11	67.08	17.44	309.56	286.73	274.93	57	85.13	68.12	18.55	310.55	287.71	275.93	
82.19	64.24	14.73	309.56	286.09	273.66	56	83.23	65.32	15.84	310.55	287.09	274.68	
80.38	61.56	12.29	309.56	285.53	272.49	55	81.44	62.67	13.40	310.55	286.54	273.52	
78.67	59.03	10.07	309.56	285.03	271.40	54	79.76	60.16	11.19	310.55	286.05	272.45	
77.07	56.64	8.05	309.56	284.60	270.40	53	78.17	57.80	9.17	310.55	285.62	271.46	
75.55	54.39	6.20	309.56	284.21	269.47	52	76.67	55.56	7.32	310.55	285.24	270.54	
74.12	52.26	4.50	309.56	283.88	268.61	51	75.25	53.44	5.61	310.55	284.91	269.69	
72.77	50.24	2.93	309.56	283.59	267.82	50	73.91	51.43	4.04	310.55	284.62	268.91	
71.49	48.33	1.48	309.56	283.33	267.08	49	72.64	49.53	2.59	310.55	284.37	268.18	
70.28	46.52	0.13	309.56	283.12	266.40	48	71.44	47.73	1.24	310.55	284.16	267.50	
69.14	44.81	358.88	309.56	282.93	265.77	47	70.30	46.02	359.99	310.55	283.97	266.87	
68.05	43.18	357.71	309.56	282.77	265.19	46	69.22	44.39	358.82	310.55	283.81	266.29	
67.02	41.63	356.62	309.56	282.64	264.64	45	68.18	42.85	357.72	310.55	283.68	265.75	
66.03	40.16	355.60	309.56	282.53	264.14	44	67.20	41.37	356.70	310.55	283.57	265.24	
65.09	38.76	354.64	309.56	282.44	263.67	43	66.27	39.97	355.74	310.55	283.48	264.77	
64.20	37.43	353.73	309.56	282.37	263.23	42	65.37	38.64	354.83	310.55	283.40	264.34	
63.35	36.15	352.89	309.56	282.31	262.82	41	64.52	37.36	353.98	310.55	283.34	263.93	
62.53	34.94	352.09	309.56	282.27	262.44	40	63.70	36.15	353.18	310.55	283.30	263.54	
61.75	33.78	351.33	309.56	282.23	262.08	39	62.92	34.98	352.42	310.55	283.26	263.18	
61.00	32.67	350.62	309.56	282.21	261.75	38	62.17	33.87	351.71	310.55	283.24	262.84	
60.29	31.61	349.94	309.56	282.20	261.43	37	61.45	32.81	351.03	310.55	283.22	262.53	
59.60	30.60	349.31	309.56	282.19	261.13	36	60.76	31.79	350.39	310.55	283.21	262.23	
58.93	29.63	348.70	309.56	282.19	260.85	35	60.09	30.81	349.78	310.55	283.21	261.94	
58.29	28.70	348.13	309.56	282.20	260.59	34	59.45	29.88	349.21	310.55	283.21	261.67	
57.68	27.81	347.59	309.56	282.21	260.34	33	58.83	28.98	348.66	310.55	283.22	261.42	
57.09	26.95	347.07	309.56	282.22	260.10	32	58.23	28.13	348.15	310.55	283.23	261.18	
56.51	26.13	346.58	309.56	282.24	259.87	31	57.66	27.30	347.65	310.55	283.25	260.95	
55.96	25.35	346.12	309.56	282.26	259.65	30	57.10	26.51	347.19	310.55	283.26	260.73	
55.42	24.59	345.68	309.56	282.28	259.45	29	56.56	25.75	346.74	310.55	283.28	260.52	
54.91	23.87	345.26	309.56	282.30	259.25	28	56.04	25.02	346.32	310.55	283.30	260.31	
54.40	23.17	344.86	309.56	282.32	259.05	27	55.53	24.32	345.92	310.55	283.32	260.11	
53.91	22.50	344.48	309.56	282.34	258.87	26	55.04	23.65	345.54	310.55	283.34	259.92	
53.44	21.86	344.12	309.56	282.36	258.69	25	54.56	23.00	345.18	310.55	283.36	259.74	
52.98	21.24	343.77	309.56	282.38	258.51	24	54.10	22.38	344.84	310.55	283.38	259.56	
52.53	20.65	343.45	309.56	282.40	258.34	23	53.64	21.78	344.51	310.55	283.40	259.38	
52.10	20.07	343.14	309.56	282.42	258.17	22	53.20	21.20	344.20	310.55	283.41	259.21	
51.67	19.53	342.85	309.56	282.44	258.00	21	52.77	20.65	343.90	310.55	283.43	259.04	
51.26	19.00	342.57	309.56	282.45	257.84	20	52.35	20.12	343.62	310.55	283.44	258.87	
50.85	18.49	342.30	309.56	282.46	257.67	19	51.94	19.61	343.36	310.55	283.45	258.71	
50.46	18.00	342.05	309.56	282.47	257.51	18	51.54	19.12	343.10	310.55	283.45	258.54	
50.07	17.54	341.82	309.56	282.47	257.35	17	51.15	18.64	342.87	310.55	283.46	258.38	
49.69	17.09	341.59	309.56	282.48	257.19	16	50.77	18.19	342.64	310.55	283.46	258.21	
49.32	16.65	341.38	309.56	282.48	257.03	15	50.39	17.75	342.43	310.55	283.46	258.05	
48.96	16.24	341.18	309.56	282.47	256.87	14	50.03	17.33	342.22	310.55	283.45	257.88	
48.60	15.84	340.99	309.56	282.46	256.71	13	49.67	16.93	342.03	310.55	283.44	257.72	
48.25	15.46	340.81	309.56	282.45	256.54	12	49.31	16.54	341.85	310.55	283.43	257.55	
47.91	15.09	340.64	309.56	282.44	256.38	11	48.96	16.17	341.69	310.55	283.41	257.38	
47.57	14.74	340.49	309.56	282.42	256.21	10	48.62	15.82	341.53	310.55	283.39	257.21	
47.24	14.40	340.34	309.56	282.39	256.04	9	48.29	15.48	341.38	310.55	283.36	257.04	
46.91	14.08	340.20	309.56	282.36	255.87	8	47.96	15.15	341.24	310.55	283.33	256.86	
46.59	13.77	340.07	309.56	282.33	255.69	7	47.63	14.83	341.11	310.55	283.30	256.68	
46.28	13.47	339.96	309.56	282.29	255.51	6	47.31	14.53	340.99	310.55	283.26	256.50	
45.97	13.19	339.85	309.56	282.25	255.33	5	46.99	14.25	340.88	310.55	283.21	256.31	
45.66	12.91	339.75	309.56	282.20	255.14	4	46.68	13.97	340.78	310.55	283.16	256.12	
45.35	12.66	339.66	309.56	282.15	254.95	3	46.37	13.71	340.69	310.55	283.11	255.92	
45.05	12.41	339.57	309.56	282.09	254.75	2	46.07	13.46	340.61	310.55	283.05	255.72	
44.76	12.17	339.50	309.56	282.02	254.55	1	45.77	13.22	340.53	310.55	282.98	255.52	
44.46	11.95	339.43	309.56	281.95	254.34	0	45.47	12.99	340.47	310.55	282.91	255.31	

314°		Sternzeit				20h56min	315°		Sternzeit				21h 0min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
102.66	93.19	50.97	311.54	295.42	288.59	64	103.30	93.76	51.66	312.53	296.21	289.30	
99.89	89.24	44.54	311.54	294.14	286.55	63	100.60	89.90	45.36	312.53	294.97	287.31	
97.26	85.46	38.95	311.54	292.99	284.64	62	98.03	86.19	39.86	312.53	293.84	285.45	
94.77	81.85	34.06	311.54	291.94	282.86	61	95.59	82.65	35.04	312.53	292.82	283.71	
92.42	78.42	29.78	311.54	290.99	281.20	60	93.28	79.28	30.80	312.53	291.90	282.08	
90.20	75.16	26.00	311.54	290.14	279.66	59	91.10	76.08	27.05	312.53	291.07	280.58	
88.10	72.07	22.64	311.54	289.37	278.23	58	89.04	73.03	23.71	312.53	290.32	279.17	
86.12	69.15	19.64	311.54	288.69	276.91	57	87.09	70.15	20.73	312.53	289.65	277.87	
84.25	66.38	16.95	311.54	288.08	275.68	56	85.25	67.41	18.04	312.53	289.06	276.66	
82.49	63.76	14.51	311.54	287.53	274.54	55	83.52	64.82	15.61	312.53	288.53	275.54	
80.83	61.28	12.30	311.54	287.06	273.48	54	81.87	62.37	13.41	312.53	288.06	274.50	
79.25	58.93	10.28	311.54	286.63	272.51	53	80.32	60.04	11.39	312.53	287.64	273.54	
77.77	56.71	8.43	311.54	286.26	271.60	52	78.85	57.84	9.54	312.53	287.27	272.65	
76.37	54.60	6.73	311.54	285.93	270.76	51	77.46	55.75	7.84	312.53	286.95	271.81	
75.04	52.61	5.16	311.54	285.65	269.98	50	76.14	53.76	6.27	312.53	286.67	271.04	
73.78	50.71	3.70	311.54	285.40	269.26	49	74.89	51.88	4.81	312.53	286.43	270.33	
72.58	48.92	2.35	311.54	285.19	268.59	48	73.70	50.09	3.46	312.53	286.21	269.66	
71.44	47.21	1.10	311.54	285.00	267.96	47	72.57	48.39	2.20	312.53	286.03	269.04	
70.36	45.59	359.92	311.54	284.85	267.38	46	71.50	46.77	1.03	312.53	285.88	268.46	
69.34	44.04	358.83	311.54	284.71	266.84	45	70.47	45.23	359.93	312.53	285.74	267.92	
68.36	42.57	357.80	311.54	284.60	266.34	44	69.50	43.76	358.90	312.53	285.63	267.42	
67.42	41.17	356.83	311.54	284.51	265.87	43	68.56	42.35	357.93	312.53	285.54	266.95	
66.53	39.83	355.93	311.54	284.43	265.43	42	67.67	41.02	357.02	312.53	285.46	266.51	
65.68	38.56	355.07	311.54	284.37	265.02	41	66.82	39.74	356.17	312.53	285.40	266.10	
64.86	37.34	354.27	311.54	284.33	264.63	40	66.00	38.52	355.36	312.53	285.35	265.72	
64.08	36.17	353.51	311.54	284.29	264.27	39	65.22	37.35	354.60	312.53	285.31	265.35	
63.32	35.06	352.79	311.54	284.26	263.93	38	64.47	36.24	353.88	312.53	285.28	265.01	
62.60	33.99	352.12	311.54	284.24	263.61	37	63.74	35.17	353.20	312.53	285.26	264.69	
61.91	32.97	351.47	311.54	284.23	263.31	36	63.05	34.14	352.56	312.53	285.25	264.39	
61.24	31.99	350.86	311.54	284.23	263.02	35	62.38	33.16	351.95	312.53	285.25	264.10	
60.59	31.05	350.29	311.54	284.23	262.75	34	61.73	32.22	351.37	312.53	285.25	263.83	
59.97	30.15	349.74	311.54	284.24	262.50	33	61.10	31.32	350.82	312.53	285.25	263.57	
59.37	29.29	349.22	311.54	284.25	262.25	32	60.50	30.45	350.30	312.53	285.26	263.32	
58.79	28.46	348.73	311.54	284.26	262.02	31	59.92	29.62	349.80	312.53	285.27	263.08	
58.23	27.67	348.26	311.54	284.27	261.79	30	59.35	28.82	349.33	312.53	285.28	262.85	
57.69	26.90	347.81	311.54	284.29	261.58	29	58.81	28.05	348.89	312.53	285.30	262.64	
57.16	26.17	347.39	311.54	284.31	261.37	28	58.28	27.31	348.46	312.53	285.31	262.43	
56.65	25.46	346.99	311.54	284.32	261.17	27	57.76	26.60	348.06	312.53	285.33	262.22	
56.15	24.79	346.61	311.54	284.34	260.98	26	57.26	25.92	347.67	312.53	285.34	262.03	
55.67	24.14	346.24	311.54	284.36	260.79	25	56.78	25.27	347.31	312.53	285.36	261.83	
55.20	23.51	345.90	311.54	284.38	260.61	24	56.30	24.64	346.96	312.53	285.37	261.65	
54.75	22.91	345.57	311.54	284.39	260.43	23	55.84	24.03	346.63	312.53	285.39	261.46	
54.30	22.33	345.26	311.54	284.41	260.25	22	55.39	23.45	346.32	312.53	285.40	261.28	
53.87	21.77	344.96	311.54	284.42	260.08	21	54.96	22.88	346.02	312.53	285.41	261.11	
53.44	21.23	344.68	311.54	284.43	259.91	20	54.53	22.35	345.74	312.53	285.42	260.93	
53.03	20.72	344.41	311.54	284.44	259.74	19	54.11	21.83	345.47	312.53	285.42	260.76	
52.63	20.22	344.16	311.54	284.44	259.57	18	53.70	21.33	345.21	312.53	285.43	260.59	
52.23	19.75	343.92	311.54	284.44	259.40	17	53.30	20.85	344.97	312.53	285.43	260.42	
51.84	19.29	343.69	311.54	284.44	259.23	16	52.91	20.38	344.74	312.53	285.43	260.25	
51.46	18.85	343.48	311.54	284.44	259.06	15	52.53	19.94	344.53	312.53	285.42	260.08	
51.09	18.43	343.27	311.54	284.43	258.90	14	52.15	19.51	344.32	312.53	285.41	259.90	
50.73	18.02	343.08	311.54	284.42	258.73	13	51.78	19.10	344.13	312.53	285.40	259.73	
50.37	17.63	342.90	311.54	284.41	258.55	12	51.42	18.71	343.95	312.53	285.38	259.56	
50.02	17.25	342.73	311.54	284.39	258.38	11	51.06	18.33	343.78	312.53	285.36	259.38	
49.67	16.89	342.57	311.54	284.36	258.21	10	50.71	17.97	343.62	312.53	285.34	259.20	
49.33	16.55	342.42	311.54	284.34	258.03	9	50.37	17.62	343.47	312.53	285.31	259.02	
48.99	16.22	342.28	311.54	284.30	257.85	8	50.03	17.28	343.33	312.53	285.28	258.84	
48.66	15.90	342.15	311.54	284.27	257.67	7	49.69	16.96	343.20	312.53	285.24	258.65	
48.34	15.59	342.03	311.54	284.23	257.48	6	49.36	16.65	343.07	312.53	285.20	258.46	
48.02	15.30	341.92	311.54	284.18	257.29	5	49.04	16.36	342.96	312.53	285.15	258.27	
47.70	15.02	341.82	311.54	284.13	257.10	4	48.72	16.08	342.86	312.53	285.10	258.07	
47.39	14.76	341.73	311.54	284.07	256.90	3	48.40	15.81	342.76	312.53	285.04	257.87	
47.08	14.50	341.64	311.54	284.01	256.69	2	48.08	15.55	342.68	312.53	284.98	257.66	
46.77	14.26	341.57	311.54	283.94	256.49	1	47.77	15.30	342.60	312.53	284.91	257.45	
46.47	14.03	341.50	311.54	283.87	256.27	0	47.47	15.07	342.53	312.53	284.83	257.23	

316°		Sternzeit			21h 4min		317°		Sternzeit			21h 8min	
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
103.95	94.33	52.35	313.53	296.99	290.00	64	104.58	94.89	53.04	314.53	297.78	290.70	
101.30	90.54	46.18	313.53	295.79	288.06	63	101.99	91.18	46.98	314.53	296.61	288.81	
98.78	86.91	40.76	313.53	294.70	286.24	62	99.53	87.61	41.65	314.53	295.54	287.03	
96.40	83.44	36.00	313.53	293.70	284.54	61	97.19	84.21	36.96	314.53	294.58	285.37	
94.13	80.12	31.81	313.53	292.80	282.96	60	94.97	80.95	32.81	314.53	293.70	283.82	
91.99	76.97	28.09	313.53	291.99	281.48	59	92.87	77.85	29.12	314.53	292.91	282.37	
89.97	73.97	24.78	313.53	291.26	280.10	58	90.88	74.90	25.83	314.53	292.20	281.02	
88.05	71.13	21.81	313.53	290.61	278.83	57	88.99	72.09	22.88	314.53	291.56	279.77	
86.24	68.43	19.13	313.53	290.03	277.64	56	87.21	69.42	20.22	314.53	290.99	278.60	
84.52	65.87	16.71	313.53	289.51	276.54	55	85.52	66.89	17.80	314.53	290.49	277.52	
82.90	63.44	14.51	313.53	289.05	275.51	54	83.92	64.49	15.60	314.53	290.04	276.51	
81.37	61.13	12.49	313.53	288.64	274.56	53	82.40	62.20	13.59	314.53	289.63	275.57	
79.92	58.95	10.65	313.53	288.28	273.68	52	80.96	60.04	11.75	314.53	289.28	274.70	
78.54	56.87	8.95	313.53	287.96	272.86	51	79.60	57.97	10.05	314.53	288.97	273.89	
77.23	54.90	7.37	313.53	287.69	272.09	50	78.30	56.01	8.48	314.53	288.70	273.13	
75.99	53.02	5.92	313.53	287.45	271.38	49	77.07	54.15	7.02	314.53	288.46	272.43	
74.81	51.24	4.57	313.53	287.24	270.72	48	75.90	52.38	5.67	314.53	288.25	271.77	
73.69	49.55	3.31	313.53	287.06	270.11	47	74.78	50.69	4.41	314.53	288.07	271.16	
72.62	47.93	2.13	313.53	286.90	269.53	46	73.72	49.08	3.23	314.53	287.92	270.59	
71.60	46.39	1.03	313.53	286.77	269.00	45	72.70	47.54	2.13	314.53	287.79	270.06	
70.62	44.93	360.00	313.53	286.66	268.50	44	71.74	46.08	1.09	314.53	287.68	269.56	
69.69	43.53	359.03	313.53	286.56	268.03	43	70.81	44.68	0.12	314.53	287.58	269.09	
68.80	42.19	358.12	313.53	286.49	267.59	42	69.92	43.35	359.21	314.53	287.51	268.65	
67.95	40.91	357.26	313.53	286.42	267.18	41	69.07	42.07	358.35	314.53	287.44	268.24	
67.13	39.69	356.45	313.53	286.37	266.79	40	68.25	40.85	357.54	314.53	287.39	267.86	
66.35	38.52	355.69	313.53	286.33	266.43	39	67.47	39.68	356.78	314.53	287.35	267.49	
65.60	37.40	354.97	313.53	286.30	266.08	38	66.71	38.56	356.06	314.53	287.32	267.15	
64.87	36.33	354.29	313.53	286.28	265.76	37	65.99	37.48	355.37	314.53	287.30	266.82	
64.17	35.30	353.64	313.53	286.27	265.46	36	65.29	36.46	354.72	314.53	287.28	266.52	
63.50	34.32	353.03	313.53	286.26	265.17	35	64.62	35.47	354.11	314.53	287.27	266.23	
62.85	33.38	352.45	313.53	286.26	264.89	34	63.97	34.52	353.53	314.53	287.27	265.95	
62.23	32.47	351.90	313.53	286.26	264.63	33	63.34	33.61	352.97	314.53	287.27	265.68	
61.62	31.60	351.37	313.53	286.27	264.38	32	62.73	32.74	352.45	314.53	287.28	265.43	
61.03	30.76	350.88	313.53	286.28	264.14	31	62.14	31.90	351.95	314.53	287.28	265.19	
60.47	29.96	350.41	313.53	286.29	263.91	30	61.57	31.10	351.48	314.53	287.29	264.96	
59.92	29.19	349.96	313.53	286.30	263.69	29	61.02	30.32	351.03	314.53	287.30	264.73	
59.38	28.45	349.53	313.53	286.31	263.47	28	60.48	29.58	350.60	314.53	287.32	264.52	
58.87	27.74	349.13	313.53	286.33	263.27	27	59.96	28.86	350.19	314.53	287.33	264.31	
58.36	27.05	348.74	313.53	286.34	263.07	26	59.45	28.17	349.81	314.53	287.34	264.11	
57.87	26.39	348.37	313.53	286.36	262.87	25	58.96	27.51	349.44	314.53	287.35	263.91	
57.40	25.76	348.02	313.53	286.37	262.68	24	58.48	26.87	349.09	314.53	287.37	263.72	
56.93	25.15	347.69	313.53	286.38	262.50	23	58.01	26.26	348.76	314.53	287.38	263.53	
56.48	24.56	347.38	313.53	286.39	262.32	22	57.56	25.67	348.44	314.53	287.39	263.34	
56.04	24.00	347.08	313.53	286.40	262.14	21	57.11	25.10	348.14	314.53	287.39	263.16	
55.61	23.45	346.80	313.53	286.41	261.96	20	56.68	24.55	347.86	314.53	287.40	262.98	
55.18	22.93	346.53	313.53	286.41	261.78	19	56.25	24.03	347.58	314.53	287.40	262.80	
54.77	22.43	346.27	313.53	286.42	261.61	18	55.84	23.52	347.33	314.53	287.40	262.62	
54.37	21.94	346.03	313.53	286.41	261.43	17	55.43	23.03	347.08	314.53	287.40	262.44	
53.97	21.48	345.80	313.53	286.41	261.26	16	55.03	22.57	346.85	314.53	287.40	262.27	
53.58	21.03	345.58	313.53	286.40	261.08	15	54.64	22.11	346.63	314.53	287.39	262.09	
53.20	20.60	345.37	313.53	286.39	260.91	14	54.25	21.68	346.43	314.53	287.38	261.91	
52.83	20.19	345.18	313.53	286.38	260.73	13	53.88	21.26	346.23	314.53	287.36	261.73	
52.46	19.79	345.00	313.53	286.36	260.56	12	53.50	20.86	346.05	314.53	287.34	261.55	
52.10	19.41	344.83	313.53	286.34	260.38	11	53.14	20.48	345.88	314.53	287.32	261.37	
51.75	19.04	344.66	313.53	286.31	260.20	10	52.78	20.11	345.71	314.53	287.29	261.19	
51.40	18.69	344.51	313.53	286.28	260.01	9	52.43	19.75	345.56	314.53	287.26	261.00	
51.06	18.35	344.37	313.53	286.25	259.82	8	52.08	19.41	345.42	314.53	287.22	260.81	
50.72	18.02	344.24	313.53	286.21	259.63	7	51.74	19.08	345.29	314.53	287.18	260.62	
50.38	17.71	344.12	313.53	286.17	259.44	6	51.40	18.77	345.16	314.53	287.14	260.42	
50.05	17.41	344.00	313.53	286.12	259.24	5	51.07	18.46	345.05	314.53	287.09	260.22	
49.73	17.13	343.90	313.53	286.06	259.04	4	50.74	18.18	344.94	314.53	287.03	260.02	
49.41	16.85	343.80	313.53	286.01	258.84	3	50.41	17.90	344.85	314.53	286.97	259.81	
49.09	16.59	343.72	313.53	285.94	258.63	2	50.09	17.63	344.76	314.53	286.91	259.59	
48.77	16.34	343.64	313.53	285.87	258.41	1	49.77	17.38	344.68	314.53	286.84	259.38	
48.46	16.10	343.57	313.53	285.80	258.19	0	49.45	17.14	344.61	314.53	286.76	259.15	

318° Sternzeit 21h12min						319° Sternzeit 21h16min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
105.21	95.44	53.71	315.54	298.56	291.40	64	105.83	95.98	54.39	316.54	299.34	292.09
102.68	91.80	47.78	315.54	297.42	289.55	63	103.35	92.42	48.56	316.54	298.23	290.28
100.26	88.31	42.53	315.54	296.39	287.81	62	100.99	88.99	43.41	316.54	297.23	288.58
97.97	84.96	37.90	315.54	295.45	286.18	61	98.74	85.70	38.84	316.54	296.31	286.99
95.79	81.76	33.80	315.54	294.60	284.67	60	96.61	82.55	34.78	316.54	295.48	285.51
93.73	78.71	30.15	315.54	293.83	283.25	59	94.58	79.55	31.16	316.54	294.73	284.12
91.77	75.80	26.88	315.54	293.13	281.93	58	92.65	76.69	27.92	316.54	294.06	282.82
89.92	73.03	23.94	315.54	292.51	280.70	57	90.83	73.96	25.00	316.54	293.45	281.62
88.16	70.40	21.29	315.54	291.95	279.55	56	89.10	71.36	22.36	316.54	292.91	280.49
86.49	67.90	18.89	315.54	291.46	278.48	55	87.46	68.89	19.97	316.54	292.42	279.44
84.91	65.52	16.70	315.54	291.02	277.49	54	85.90	66.53	17.78	316.54	291.99	278.46
83.42	63.26	14.69	315.54	290.62	276.57	53	84.42	64.29	15.78	316.54	291.61	277.55
81.99	61.11	12.85	315.54	290.28	275.71	52	83.01	62.16	13.94	316.54	291.27	276.71
80.64	59.06	11.15	315.54	289.97	274.91	51	81.67	60.13	12.25	316.54	290.97	275.91
79.36	57.12	9.58	315.54	289.70	274.16	50	80.40	58.20	10.68	316.54	290.70	275.18
78.14	55.26	8.12	315.54	289.47	273.46	49	79.19	56.36	9.22	316.54	290.47	274.49
76.98	53.50	6.77	315.54	289.26	272.81	48	78.04	54.60	7.87	316.54	290.27	273.84
75.87	51.82	5.51	315.54	289.09	272.21	47	76.94	52.93	6.60	316.54	290.10	273.24
74.81	50.21	4.33	315.54	288.93	271.64	46	75.88	51.33	5.42	316.54	289.95	272.68
73.80	48.68	3.22	315.54	288.80	271.11	45	74.88	49.81	4.32	316.54	289.82	272.15
72.83	47.22	2.19	315.54	288.69	270.61	44	73.92	48.35	3.29	316.54	289.71	271.66
71.91	45.83	1.22	315.54	288.60	270.15	43	73.00	46.96	2.31	316.54	289.61	271.20
71.02	44.49	0.31	315.54	288.52	269.71	42	72.11	45.62	1.40	316.54	289.54	270.76
70.17	43.22	359.44	315.54	288.46	269.30	41	71.27	44.35	0.54	316.54	289.47	270.35
69.36	41.99	358.63	315.54	288.41	268.91	40	70.45	43.13	359.72	316.54	289.42	269.96
68.57	40.82	357.87	315.54	288.37	268.55	39	69.67	41.96	358.95	316.54	289.38	269.60
67.82	39.70	357.14	315.54	288.34	268.21	38	68.92	40.84	358.23	316.54	289.35	269.26
67.10	38.63	356.46	315.54	288.31	267.88	37	68.19	39.76	357.54	316.54	289.32	268.93
66.40	37.60	355.81	315.54	288.30	267.57	36	67.49	38.73	356.89	316.54	289.31	268.62
65.72	36.61	355.19	315.54	288.29	267.28	35	66.82	37.74	356.27	316.54	289.30	268.33
65.07	35.66	354.61	315.54	288.28	267.00	34	66.16	36.79	355.69	316.54	289.29	268.05
64.44	34.75	354.05	315.54	288.28	266.73	33	65.53	35.88	355.13	316.54	289.29	267.78
63.83	33.88	353.53	315.54	288.28	266.48	32	64.92	35.00	354.61	316.54	289.29	267.52
63.24	33.03	353.03	315.54	288.29	266.24	31	64.33	34.16	354.10	316.54	289.30	267.28
62.67	32.23	352.55	315.54	288.30	266.00	30	63.75	33.35	353.63	316.54	289.30	267.04
62.11	31.45	352.10	315.54	288.31	265.78	29	63.20	32.57	353.18	316.54	289.31	266.81
61.57	30.70	351.67	315.54	288.32	265.56	28	62.66	31.82	352.75	316.54	289.32	266.59
61.05	29.98	351.27	315.54	288.33	265.35	27	62.13	31.10	352.34	316.54	289.33	266.38
60.54	29.29	350.88	315.54	288.34	265.14	26	61.62	30.40	351.95	316.54	289.34	266.17
60.04	28.62	350.51	315.54	288.35	264.94	25	61.12	29.73	351.58	316.54	289.35	265.97
59.56	27.98	350.16	315.54	288.36	264.75	24	60.63	29.09	351.22	316.54	289.36	265.77
59.09	27.37	349.82	315.54	288.37	264.55	23	60.16	28.47	350.89	316.54	289.37	265.58
58.63	26.77	349.51	315.54	288.38	264.37	22	59.70	27.87	350.57	316.54	289.37	265.39
58.18	26.20	349.20	315.54	288.39	264.18	21	59.24	27.30	350.27	316.54	289.38	265.20
57.74	25.65	348.92	315.54	288.39	264.00	20	58.80	26.75	349.98	316.54	289.38	265.01
57.31	25.12	348.65	315.54	288.39	263.81	19	58.37	26.21	349.71	316.54	289.38	264.83
56.89	24.61	348.39	315.54	288.39	263.63	18	57.95	25.70	349.45	316.54	289.38	264.64
56.48	24.12	348.14	315.54	288.39	263.45	17	57.53	25.21	349.20	316.54	289.38	264.46
56.08	23.65	347.91	315.54	288.38	263.27	16	57.13	24.73	348.97	316.54	289.37	264.28
55.68	23.20	347.69	315.54	288.37	263.09	15	56.73	24.28	348.75	316.54	289.36	264.09
55.30	22.76	347.48	315.54	288.36	262.91	14	56.34	23.84	348.54	316.54	289.34	263.91
54.92	22.34	347.29	315.54	288.34	262.73	13	55.95	23.41	348.34	316.54	289.32	263.73
54.54	21.94	347.10	315.54	288.32	262.55	12	55.57	23.00	348.16	316.54	289.30	263.54
54.17	21.55	346.93	315.54	288.30	262.36	11	55.20	22.61	347.98	316.54	289.28	263.35
53.81	21.17	346.76	315.54	288.27	262.17	10	54.83	22.24	347.82	316.54	289.25	263.16
53.45	20.81	346.61	315.54	288.24	261.98	9	54.47	21.87	347.66	316.54	289.21	262.97
53.10	20.47	346.47	315.54	288.20	261.79	8	54.12	21.53	347.52	316.54	289.18	262.77
52.75	20.14	346.33	315.54	288.16	261.60	7	53.77	21.19	347.38	316.54	289.13	262.57
52.41	19.82	346.21	315.54	288.11	261.40	6	53.42	20.87	347.26	316.54	289.09	262.37
52.07	19.51	346.09	315.54	288.06	261.19	5	53.08	20.56	347.14	316.54	289.03	262.16
51.74	19.22	345.99	315.54	288.01	260.99	4	52.74	20.27	347.03	316.54	288.98	261.95
51.41	18.94	345.89	315.54	287.94	260.77	3	52.41	19.98	346.93	316.54	288.91	261.74
51.08	18.67	345.80	315.54	287.88	260.56	2	52.08	19.71	346.84	316.54	288.85	261.52
50.76	18.42	345.72	315.54	287.81	260.34	1	51.75	19.45	346.76	316.54	288.77	261.30
50.44	18.17	345.65	315.54	287.73	260.11	0	51.43	19.20	346.69	316.54	288.70	261.07

320° Sternzeit 21h20min						321° Sternzeit 21h24min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
106.45	96.52	55.05	317.55	300.12	292.77	64	107.07	97.05	55.72	318.57	300.89	293.46
104.02	93.02	49.34	317.55	299.04	291.01	63	104.69	93.62	50.12	318.57	299.85	291.73
101.71	89.66	44.27	317.55	298.06	289.35	62	102.42	90.32	45.13	318.57	298.90	290.11
99.50	86.43	39.77	317.55	297.17	287.79	61	100.25	87.14	40.69	318.57	298.03	288.59
97.41	83.33	35.76	317.55	296.37	286.34	60	98.20	84.10	36.72	318.57	297.25	287.16
95.41	80.38	32.17	317.55	295.64	284.98	59	96.24	81.19	33.17	318.57	296.53	285.83
93.52	77.56	28.95	317.55	294.98	283.71	58	94.38	78.41	29.98	318.57	295.89	284.59
91.73	74.87	26.06	317.55	294.39	282.53	57	92.61	75.76	27.10	318.57	295.32	283.42
90.02	72.30	23.43	317.55	293.86	281.42	56	90.93	73.23	24.49	318.57	294.80	282.34
88.40	69.86	21.04	317.55	293.38	280.39	55	89.34	70.81	22.11	318.57	294.34	281.33
86.86	67.53	18.87	317.55	292.96	279.43	54	87.82	68.51	19.94	318.57	293.92	280.38
85.40	65.31	16.87	317.55	292.58	278.53	53	86.37	66.31	17.95	318.57	293.56	279.50
84.01	63.20	15.03	317.55	292.25	277.69	52	85.00	64.22	16.12	318.57	293.23	278.67
82.69	61.19	13.34	317.55	291.96	276.91	51	83.69	62.22	14.43	318.57	292.94	277.90
81.43	59.27	11.77	317.55	291.70	276.18	50	82.44	60.32	12.86	318.57	292.69	277.18
80.23	57.44	10.32	317.55	291.47	275.50	49	81.25	58.50	11.41	318.57	292.47	276.50
79.08	55.69	8.96	317.55	291.27	274.86	48	80.12	56.77	10.06	318.57	292.27	275.87
77.99	54.03	7.70	317.55	291.10	274.27	47	79.03	55.11	8.79	318.57	292.10	275.28
76.95	52.44	6.52	317.55	290.95	273.71	46	78.00	53.53	7.61	318.57	291.96	274.73
75.95	50.92	5.41	317.55	290.83	273.19	45	77.00	52.01	6.51	318.57	291.83	274.21
74.99	49.46	4.38	317.55	290.72	272.69	44	76.05	50.57	5.47	318.57	291.72	273.72
74.07	48.08	3.40	317.55	290.62	272.23	43	75.14	49.18	4.50	318.57	291.63	273.26
73.19	46.75	2.49	317.55	290.55	271.80	42	74.26	47.85	3.58	318.57	291.56	272.83
72.35	45.47	1.63	317.55	290.48	271.39	41	73.42	46.58	2.71	318.57	291.49	272.42
71.54	44.25	0.81	317.55	290.43	271.01	40	72.61	45.37	1.90	318.57	291.44	272.04
70.75	43.08	0.04	317.55	290.39	270.64	39	71.83	44.20	1.13	318.57	291.40	271.68
70.00	41.96	359.31	317.55	290.36	270.30	38	71.08	43.08	0.40	318.57	291.37	271.33
69.28	40.89	358.63	317.55	290.33	269.97	37	70.35	42.00	359.71	318.57	291.34	271.01
68.58	39.86	357.97	317.55	290.32	269.66	36	69.65	40.97	359.06	318.57	291.32	270.70
67.90	38.87	357.36	317.55	290.31	269.37	35	68.98	39.98	358.44	318.57	291.31	270.40
67.25	37.91	356.77	317.55	290.30	269.08	34	68.32	39.03	357.85	318.57	291.30	270.12
66.61	37.00	356.21	317.55	290.30	268.82	33	67.69	38.11	357.29	318.57	291.30	269.85
66.00	36.12	355.68	317.55	290.30	268.56	32	67.08	37.23	356.76	318.57	291.30	269.59
65.41	35.28	355.18	317.55	290.30	268.31	31	66.48	36.38	356.26	318.57	291.30	269.34
64.83	34.46	354.70	317.55	290.31	268.07	30	65.90	35.57	355.78	318.57	291.31	269.10
64.27	33.68	354.25	317.55	290.31	267.84	29	65.34	34.79	355.33	318.57	291.32	268.87
63.73	32.93	353.82	317.55	290.32	267.62	28	64.80	34.03	354.89	318.57	291.32	268.65
63.20	32.20	353.41	317.55	290.33	267.41	27	64.27	33.31	354.48	318.57	291.33	268.43
62.69	31.51	353.02	317.55	290.34	267.20	26	63.75	32.61	354.09	318.57	291.34	268.22
62.19	30.84	352.65	317.55	290.35	266.99	25	63.25	31.93	353.72	318.57	291.35	268.01
61.70	30.19	352.29	317.55	290.36	266.79	24	62.76	31.29	353.36	318.57	291.35	267.81
61.22	29.57	351.96	317.55	290.36	266.59	23	62.28	30.66	353.03	318.57	291.36	267.61
60.76	28.97	351.64	317.55	290.37	266.40	22	61.81	30.06	352.70	318.57	291.36	267.41
60.30	28.39	351.33	317.55	290.37	266.21	21	61.35	29.48	352.40	318.57	291.36	267.22
59.86	27.84	351.04	317.55	290.37	266.02	20	60.90	28.92	352.11	318.57	291.37	267.03
59.42	27.30	350.77	317.55	290.37	265.83	19	60.46	28.38	351.83	318.57	291.36	266.84
58.99	26.79	350.51	317.55	290.37	265.65	18	60.04	27.87	351.57	318.57	291.36	266.65
58.58	26.29	350.26	317.55	290.36	265.46	17	59.61	27.37	351.32	318.57	291.35	266.46
58.17	25.81	350.03	317.55	290.35	265.28	16	59.20	26.89	351.09	318.57	291.34	266.28
57.76	25.35	349.81	317.55	290.34	265.09	15	58.80	26.42	350.87	318.57	291.33	266.09
57.37	24.91	349.60	317.55	290.33	264.91	14	58.40	25.98	350.66	318.57	291.31	265.90
56.98	24.48	349.40	317.55	290.31	264.72	13	58.01	25.55	350.46	318.57	291.29	265.71
56.60	24.07	349.21	317.55	290.29	264.53	12	57.62	25.13	350.27	318.57	291.27	265.52
56.22	23.68	349.04	317.55	290.26	264.34	11	57.24	24.74	350.09	318.57	291.24	265.32
55.86	23.30	348.87	317.55	290.23	264.14	10	56.87	24.35	349.92	318.57	291.21	265.13
55.49	22.93	348.71	317.55	290.19	263.95	9	56.50	23.99	349.77	318.57	291.17	264.93
55.13	22.58	348.57	317.55	290.15	263.75	8	56.14	23.63	349.62	318.57	291.13	264.73
54.78	22.24	348.43	317.55	290.11	263.55	7	55.78	23.29	349.48	318.57	291.09	264.52
54.43	21.92	348.31	317.55	290.06	263.34	6	55.43	22.97	349.36	318.57	291.04	264.31
54.08	21.61	348.19	317.55	290.01	263.13	5	55.08	22.65	349.24	318.57	290.99	264.10
53.74	21.31	348.08	317.55	289.95	262.92	4	54.74	22.35	349.13	318.57	290.93	263.89
53.40	21.02	347.98	317.55	289.89	262.70	3	54.39	22.06	349.03	318.57	290.86	263.67
53.07	20.75	347.89	317.55	289.82	262.48	2	54.06	21.78	348.94	318.57	290.79	263.44
52.74	20.49	347.81	317.55	289.74	262.26	1	53.72	21.52	348.85	318.57	290.72	263.21
52.41	20.23	347.73	317.55	289.66	262.02	0	53.39	21.26	348.78	318.57	290.64	262.98

322° Sternzeit 21h28min						323° Sternzeit 21h32min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
107.67	97.58	56.38	319.58	301.67	294.14	64	108.28	98.10	57.04	320.60	302.44	294.81
105.34	94.21	50.89	319.58	300.65	292.45	63	105.99	94.79	51.65	320.60	301.45	293.16
103.12	90.97	45.98	319.58	299.73	290.86	62	103.81	91.61	46.82	320.60	300.55	291.61
101.00	87.85	41.60	319.58	298.88	289.38	61	101.73	88.54	42.50	320.60	299.73	290.16
98.97	84.86	37.68	319.58	298.12	287.98	60	99.74	85.60	38.63	320.60	298.99	288.79
97.05	81.99	34.16	319.58	297.43	286.68	59	97.86	82.78	35.15	320.60	298.32	287.51
95.22	79.25	31.00	319.58	296.80	285.46	58	96.06	80.08	32.01	320.60	297.71	286.32
93.48	76.63	28.14	319.58	296.24	284.32	57	94.34	77.50	29.17	320.60	297.16	285.20
91.83	74.13	25.54	319.58	295.74	283.25	56	92.72	75.03	26.59	320.60	296.67	284.15
90.26	71.75	23.18	319.58	295.29	282.25	55	91.16	72.67	24.24	320.60	296.23	283.17
88.76	69.47	21.02	319.58	294.88	281.32	54	89.69	70.42	22.09	320.60	295.84	282.25
87.33	67.30	19.03	319.58	294.52	280.45	53	88.28	68.27	20.11	320.60	295.49	281.40
85.97	65.22	17.20	319.58	294.20	279.64	52	86.94	66.22	18.28	320.60	295.18	280.60
84.68	63.25	15.52	319.58	293.92	278.88	51	85.65	64.25	16.60	320.60	294.90	279.85
83.44	61.36	13.95	319.58	293.67	278.17	50	84.43	62.38	15.04	320.60	294.66	279.14
82.27	59.55	12.50	319.58	293.46	277.50	49	83.26	60.59	13.59	320.60	294.44	278.48
81.14	57.83	11.15	319.58	293.27	276.88	48	82.15	58.87	12.24	320.60	294.26	277.87
80.06	56.18	9.88	319.58	293.10	276.29	47	81.08	57.24	10.97	320.60	294.09	277.29
79.03	54.61	8.70	319.58	292.96	275.74	46	80.06	55.67	9.79	320.60	293.95	276.75
78.04	53.10	7.60	319.58	292.83	275.23	45	79.07	54.17	8.69	320.60	293.83	276.23
77.10	51.66	6.56	319.58	292.73	274.74	44	78.13	52.73	7.65	320.60	293.73	275.75
76.19	50.28	5.59	319.58	292.64	274.29	43	77.23	51.36	6.68	320.60	293.64	275.30
75.32	48.95	4.67	319.58	292.56	273.86	42	76.36	50.04	5.76	320.60	293.57	274.87
74.48	47.68	3.80	319.58	292.50	273.45	41	75.52	48.77	4.89	320.60	293.50	274.47
73.67	46.47	2.99	319.58	292.45	273.07	40	74.72	47.56	4.07	320.60	293.45	274.09
72.89	45.30	2.22	319.58	292.41	272.70	39	73.94	46.40	3.30	320.60	293.41	273.73
72.14	44.18	1.49	319.58	292.37	272.36	38	73.20	45.28	2.57	320.60	293.38	273.38
71.42	43.11	0.80	319.58	292.35	272.03	37	72.47	44.21	1.88	320.60	293.35	273.06
70.72	42.08	0.14	319.58	292.33	271.72	36	71.77	43.17	1.22	320.60	293.34	272.75
70.04	41.09	359.52	319.58	292.32	271.43	35	71.10	42.18	0.60	320.60	293.32	272.45
69.39	40.13	358.93	319.58	292.31	271.15	34	70.44	41.23	0.01	320.60	293.31	272.17
68.75	39.22	358.37	319.58	292.31	270.87	33	69.81	40.31	359.45	320.60	293.31	271.90
68.14	38.33	357.84	319.58	292.31	270.61	32	69.20	39.43	358.92	320.60	293.31	271.63
67.54	37.49	357.34	319.58	292.31	270.36	31	68.60	38.58	358.42	320.60	293.31	271.38
66.97	36.67	356.86	319.58	292.31	270.12	30	68.02	37.76	357.94	320.60	293.31	271.14
66.40	35.89	356.40	319.58	292.32	269.89	29	67.46	36.98	357.48	320.60	293.32	270.91
65.86	35.13	355.97	319.58	292.32	269.67	28	66.91	36.22	357.04	320.60	293.32	270.68
65.32	34.40	355.56	319.58	292.33	269.45	27	66.37	35.49	356.63	320.60	293.33	270.46
64.81	33.70	355.16	319.58	292.34	269.23	26	65.85	34.79	356.24	320.60	293.34	270.25
64.30	33.03	354.79	319.58	292.34	269.02	25	65.35	34.11	355.86	320.60	293.34	270.04
63.81	32.37	354.43	319.58	292.35	268.82	24	64.85	33.46	355.50	320.60	293.35	269.83
63.33	31.75	354.09	319.58	292.35	268.62	23	64.37	32.83	355.16	320.60	293.35	269.63
62.85	31.14	353.77	319.58	292.36	268.42	22	63.90	32.22	354.84	320.60	293.35	269.43
62.39	30.56	353.47	319.58	292.36	268.23	21	63.43	31.64	354.54	320.60	293.35	269.23
61.94	30.00	353.18	319.58	292.36	268.03	20	62.98	31.08	354.24	320.60	293.35	269.03
61.50	29.46	352.90	319.58	292.36	267.84	19	62.54	30.54	353.97	320.60	293.35	268.84
61.07	28.94	352.64	319.58	292.35	267.65	18	62.10	30.01	353.70	320.60	293.34	268.65
60.65	28.44	352.39	319.58	292.34	267.46	17	61.68	29.51	353.45	320.60	293.33	268.46
60.23	27.96	352.15	319.58	292.33	267.27	16	61.26	29.02	353.22	320.60	293.32	268.26
59.82	27.49	351.93	319.58	292.32	267.08	15	60.85	28.56	352.99	320.60	293.31	268.07
59.42	27.04	351.72	319.58	292.30	266.89	14	60.44	28.10	352.78	320.60	293.29	267.88
59.03	26.61	351.52	319.58	292.28	266.70	13	60.05	27.67	352.58	320.60	293.27	267.68
58.64	26.20	351.33	319.58	292.25	266.50	12	59.66	27.25	352.39	320.60	293.24	267.48
58.26	25.79	351.15	319.58	292.23	266.31	11	59.27	26.85	352.21	320.60	293.21	267.29
57.88	25.41	350.98	319.58	292.19	266.11	10	58.89	26.46	352.04	320.60	293.18	267.09
57.51	25.04	350.82	319.58	292.16	265.91	9	58.52	26.09	351.88	320.60	293.14	266.88
57.15	24.68	350.68	319.58	292.11	265.70	8	58.15	25.73	351.73	320.60	293.10	266.68
56.79	24.34	350.54	319.58	292.07	265.50	7	57.78	25.38	351.59	320.60	293.05	266.47
56.43	24.01	350.41	319.58	292.02	265.28	6	57.42	25.05	351.46	320.60	293.00	266.25
56.08	23.69	350.29	319.58	291.96	265.07	5	57.07	24.73	351.34	320.60	292.94	266.04
55.73	23.39	350.18	319.58	291.90	264.85	4	56.72	24.43	351.23	320.60	292.88	265.81
55.38	23.10	350.08	319.58	291.84	264.63	3	56.37	24.13	351.13	320.60	292.81	265.59
55.04	22.82	349.98	319.58	291.77	264.40	2	56.02	23.85	351.03	320.60	292.74	265.36
54.70	22.55	349.90	319.58	291.69	264.17	1	55.68	23.58	350.95	320.60	292.66	265.12
54.37	22.29	349.82	319.58	291.61	263.93	0	55.34	23.32	350.87	320.60	292.58	264.88

324° Sternzeit 21h36min						325° Sternzeit 21h40min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
108.88	98.62	57.70	321.62	303.21	295.49	64	109.48	99.13	58.35	322.65	303.98	296.16
106.64	95.37	52.40	321.62	302.25	293.87	63	107.28	95.94	53.16	322.65	303.05	294.58
104.50	92.24	47.66	321.62	301.38	292.36	62	105.18	92.86	48.49	322.65	302.20	293.10
102.45	89.22	43.40	321.62	300.58	290.93	61	103.17	89.90	44.29	322.65	301.43	291.70
100.51	86.33	39.57	321.62	299.86	289.60	60	101.26	87.05	40.51	322.65	300.72	290.39
98.65	83.55	36.13	321.62	299.20	288.34	59	99.43	84.32	37.10	322.65	300.09	289.17
96.88	80.89	33.02	321.62	298.61	287.17	58	97.69	81.69	34.02	322.65	299.51	288.01
95.19	78.35	30.20	321.62	298.08	286.07	57	96.03	79.18	31.22	322.65	298.99	286.94
93.59	75.91	27.64	321.62	297.60	285.04	56	94.45	76.78	28.67	322.65	298.53	285.93
92.06	73.58	25.29	321.62	297.17	284.08	55	92.94	74.48	26.34	322.65	298.11	284.98
90.60	71.35	23.15	321.62	296.79	283.18	54	91.51	72.27	24.21	322.65	297.73	284.09
89.21	69.23	21.18	321.62	296.45	282.33	53	90.13	70.17	22.24	322.65	297.40	283.26
87.88	67.19	19.36	321.62	296.14	281.54	52	88.82	68.15	20.43	322.65	297.10	282.49
86.62	65.25	17.68	321.62	295.87	280.81	51	87.57	66.23	18.76	322.65	296.84	281.76
85.41	63.39	16.12	321.62	295.64	280.11	50	86.37	64.38	17.20	322.65	296.61	281.07
84.25	61.61	14.67	321.62	295.43	279.46	49	85.23	62.62	15.75	322.65	296.41	280.43
83.14	59.91	13.32	321.62	295.24	278.85	48	84.13	60.93	14.41	322.65	296.23	279.83
82.08	58.28	12.06	321.62	295.08	278.28	47	83.08	59.31	13.15	322.65	296.07	279.26
81.07	56.72	10.88	321.62	294.95	277.74	46	82.07	57.76	11.97	322.65	295.94	278.73
80.09	55.23	9.78	321.62	294.83	277.23	45	81.10	56.28	10.86	322.65	295.82	278.23
79.16	53.80	8.74	321.62	294.73	276.76	44	80.17	54.85	9.83	322.65	295.72	277.75
78.26	52.43	7.76	321.62	294.64	276.31	43	79.28	53.49	8.85	322.65	295.64	277.31
77.39	51.11	6.85	321.62	294.57	275.88	42	78.42	52.18	7.93	322.65	295.57	276.89
76.56	49.85	5.98	321.62	294.51	275.48	41	77.59	50.92	7.07	322.65	295.51	276.49
75.76	48.64	5.16	321.62	294.46	275.10	40	76.79	49.71	6.25	322.65	295.46	276.11
74.99	47.48	4.39	321.62	294.42	274.74	39	76.02	48.56	5.47	322.65	295.42	275.75
74.24	46.36	3.66	321.62	294.38	274.40	38	75.27	47.44	4.74	322.65	295.39	275.41
73.52	45.29	2.96	321.62	294.36	274.07	37	74.55	46.37	4.05	322.65	295.36	275.08
72.82	44.26	2.31	321.62	294.34	273.76	36	73.86	45.34	3.39	322.65	295.34	274.77
72.15	43.27	1.69	321.62	294.33	273.47	35	73.18	44.35	2.77	322.65	295.33	274.48
71.49	42.32	1.10	321.62	294.32	273.18	34	72.53	43.40	2.18	322.65	295.32	274.19
70.86	41.40	0.53	321.62	294.31	272.91	33	71.90	42.48	1.61	322.65	295.32	273.92
70.24	40.52	0.00	321.62	294.31	272.65	32	71.28	41.60	1.08	322.65	295.31	273.66
69.65	39.67	359.49	321.62	294.31	272.40	31	70.69	40.75	0.57	322.65	295.31	273.41
69.07	38.85	359.01	321.62	294.31	272.16	30	70.11	39.93	0.09	322.65	295.32	273.16
68.50	38.06	358.55	321.62	294.32	271.92	29	69.54	39.14	359.63	322.65	295.32	272.93
67.95	37.31	358.12	321.62	294.32	271.69	28	68.99	38.38	359.20	322.65	295.32	272.70
67.42	36.58	357.70	321.62	294.33	271.47	27	68.45	37.65	358.78	322.65	295.33	272.48
66.90	35.87	357.31	321.62	294.33	271.25	26	67.93	36.95	358.38	322.65	295.33	272.26
66.39	35.19	356.93	321.62	294.34	271.04	25	67.42	36.27	358.01	322.65	295.34	272.05
65.89	34.54	356.58	321.62	294.34	270.83	24	66.92	35.61	357.65	322.65	295.34	271.84
65.40	33.91	356.24	321.62	294.35	270.63	23	66.43	34.98	357.31	322.65	295.34	271.63
64.93	33.30	355.91	321.62	294.35	270.43	22	65.96	34.37	356.98	322.65	295.34	271.43
64.47	32.71	355.60	321.62	294.35	270.23	21	65.49	33.78	356.67	322.65	295.34	271.23
64.01	32.15	355.31	321.62	294.35	270.03	20	65.04	33.22	356.38	322.65	295.34	271.03
63.57	31.61	355.03	321.62	294.34	269.84	19	64.59	32.67	356.10	322.65	295.33	270.83
63.13	31.08	354.77	321.62	294.33	269.64	18	64.15	32.14	355.84	322.65	295.33	270.63
62.70	30.57	354.52	321.62	294.32	269.45	17	63.72	31.64	355.58	322.65	295.32	270.44
62.28	30.09	354.28	321.62	294.31	269.25	16	63.29	31.15	355.35	322.65	295.30	270.24
61.87	29.62	354.05	321.62	294.30	269.06	15	62.88	30.67	355.12	322.65	295.29	270.04
61.46	29.16	353.84	321.62	294.28	268.86	14	62.47	30.22	354.90	322.65	295.27	269.85
61.06	28.73	353.64	321.62	294.25	268.66	13	62.07	29.78	354.70	322.65	295.24	269.65
60.66	28.31	353.45	321.62	294.23	268.47	12	61.67	29.36	354.51	322.65	295.21	269.45
60.28	27.90	353.27	321.62	294.20	268.27	11	61.28	28.95	354.33	322.65	295.18	269.24
59.89	27.51	353.10	321.62	294.16	268.06	10	60.89	28.56	354.16	322.65	295.15	269.04
59.52	27.14	352.94	321.62	294.12	267.86	9	60.51	28.18	354.00	322.65	295.11	268.83
59.15	26.77	352.79	321.62	294.08	267.65	8	60.14	27.82	353.85	322.65	295.06	268.62
58.78	26.43	352.65	321.62	294.03	267.44	7	59.77	27.47	353.71	322.65	295.02	268.40
58.42	26.09	352.52	321.62	293.98	267.22	6	59.40	27.13	353.58	322.65	294.96	268.19
58.06	25.77	352.40	321.62	293.92	267.00	5	59.04	26.80	353.45	322.65	294.90	267.96
57.70	25.46	352.29	321.62	293.86	266.78	4	58.68	26.49	353.34	322.65	294.84	267.74
57.35	25.16	352.18	321.62	293.79	266.55	3	58.33	26.19	353.24	322.65	294.77	267.51
57.00	24.88	352.09	321.62	293.72	266.32	2	57.98	25.91	353.14	322.65	294.70	267.27
56.66	24.60	352.00	321.62	293.64	266.08	1	57.63	25.63	353.05	322.65	294.62	267.03
56.32	24.34	351.92	321.62	293.56	265.83	0	57.28	25.36	352.97	322.65	294.53	266.79

326° Sternzeit 21h44min						327° Sternzeit 21h48min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
110.07	99.64	59.00	323.68	304.75	296.83	64	110.66	100.15	59.65	324.71	305.52	297.49
107.91	96.51	53.90	323.68	303.85	295.28	63	108.55	97.07	54.65	324.71	304.64	295.98
105.85	93.48	49.31	323.68	303.02	293.83	62	106.52	94.09	50.13	324.71	303.84	294.56
103.88	90.57	45.17	323.68	302.27	292.47	61	104.59	91.22	46.05	324.71	303.11	293.23
102.00	87.76	41.44	323.68	301.58	291.18	60	102.74	88.46	42.36	324.71	302.44	291.97
100.21	85.07	38.07	323.68	300.96	289.98	59	100.98	85.81	39.03	324.71	301.84	290.79
98.50	82.48	35.01	323.68	300.40	288.85	58	99.29	83.26	36.00	324.71	301.30	289.68
96.86	80.01	32.24	323.68	299.90	287.79	57	97.68	80.82	33.25	324.71	300.81	288.65
95.30	77.63	29.70	323.68	299.45	286.80	56	96.15	78.47	30.73	324.71	300.36	287.67
93.82	75.36	27.39	323.68	299.04	285.87	55	94.68	76.23	28.43	324.71	299.97	286.76
92.40	73.18	25.26	323.68	298.68	285.00	54	93.28	74.07	26.31	324.71	299.62	285.90
91.04	71.10	23.31	323.68	298.35	284.19	53	91.94	72.01	24.37	324.71	299.30	285.10
89.75	69.10	21.50	323.68	298.06	283.42	52	90.66	70.04	22.57	324.71	299.02	284.34
88.51	67.19	19.83	323.68	297.81	282.70	51	89.44	68.15	20.90	324.71	298.77	283.64
87.32	65.36	18.28	323.68	297.58	282.03	50	88.27	66.33	19.35	324.71	298.55	282.97
86.19	63.61	16.83	323.68	297.38	281.39	49	87.14	64.60	17.91	324.71	298.36	282.35
85.10	61.94	15.49	323.68	297.21	280.80	48	86.07	62.93	16.57	324.71	298.19	281.76
84.06	60.33	14.23	323.68	297.06	280.24	47	85.03	61.34	15.31	324.71	298.04	281.20
83.06	58.79	13.05	323.68	296.93	279.71	46	84.04	59.80	14.14	324.71	297.91	280.68
82.10	57.31	11.95	323.68	296.81	279.21	45	83.09	58.34	13.03	324.71	297.80	280.19
81.17	55.90	10.91	323.68	296.71	278.74	44	82.17	56.93	12.00	324.71	297.71	279.73
80.29	54.54	9.94	323.68	296.63	278.30	43	81.28	55.57	11.02	324.71	297.62	279.29
79.43	53.23	9.02	323.68	296.56	277.88	42	80.43	54.28	10.10	324.71	297.56	278.87
78.61	51.98	8.15	323.68	296.50	277.48	41	79.61	53.03	9.24	324.71	297.50	278.48
77.81	50.78	7.33	323.68	296.46	277.11	40	78.82	51.83	8.42	324.71	297.45	278.10
77.04	49.62	6.56	323.68	296.42	276.75	39	78.06	50.68	7.64	324.71	297.42	277.75
76.30	48.51	5.83	323.68	296.39	276.41	38	77.32	49.57	6.91	324.71	297.38	277.41
75.58	47.44	5.13	323.68	296.36	276.09	37	76.60	48.50	6.21	324.71	297.36	277.09
74.89	46.41	4.47	323.68	296.34	275.78	36	75.91	47.48	5.56	324.71	297.34	276.78
74.21	45.42	3.85	323.68	296.33	275.48	35	75.24	46.49	4.93	324.71	297.33	276.48
73.56	44.47	3.26	323.68	296.32	275.20	34	74.59	45.54	4.34	324.71	297.32	276.20
72.93	43.56	2.70	323.68	296.32	274.93	33	73.95	44.62	3.78	324.71	297.32	275.93
72.31	42.67	2.16	323.68	296.31	274.67	32	73.34	43.74	3.24	324.71	297.32	275.67
71.72	41.82	1.65	323.68	296.31	274.41	31	72.74	42.89	2.73	324.71	297.32	275.41
71.14	41.01	1.17	323.68	296.32	274.17	30	72.16	42.07	2.25	324.71	297.32	275.17
70.57	40.22	0.71	323.68	296.32	273.93	29	71.60	41.28	1.79	324.71	297.32	274.93
70.02	39.46	0.27	323.68	296.32	273.70	28	71.04	40.52	1.35	324.71	297.32	274.70
69.48	38.72	359.86	323.68	296.33	273.48	27	70.51	39.79	0.93	324.71	297.33	274.48
68.96	38.02	359.46	323.68	296.33	273.26	26	69.98	39.08	0.53	324.71	297.33	274.26
68.45	37.34	359.08	323.68	296.34	273.05	25	69.47	38.40	0.16	324.71	297.33	274.04
67.95	36.68	358.72	323.68	296.34	272.83	24	68.97	37.74	359.80	324.71	297.34	273.83
67.46	36.05	358.38	323.68	296.34	272.63	23	68.48	37.11	359.45	324.71	297.34	273.62
66.98	35.44	358.05	323.68	296.34	272.42	22	68.00	36.50	359.13	324.71	297.34	273.42
66.51	34.85	357.75	323.68	296.34	272.22	21	67.53	35.91	358.82	324.71	297.34	273.21
66.05	34.28	357.45	323.68	296.34	272.02	20	67.07	35.34	358.52	324.71	297.33	273.01
65.60	33.73	357.17	323.68	296.33	271.82	19	66.62	34.79	358.24	324.71	297.32	272.81
65.16	33.20	356.90	323.68	296.32	271.62	18	66.17	34.26	357.97	324.71	297.32	272.61
64.73	32.69	356.65	323.68	296.31	271.42	17	65.74	33.75	357.72	324.71	297.30	272.41
64.31	32.20	356.41	323.68	296.30	271.23	16	65.31	33.25	357.48	324.71	297.29	272.21
63.89	31.73	356.18	323.68	296.28	271.03	15	64.89	32.78	357.25	324.71	297.27	272.01
63.48	31.27	355.97	323.68	296.26	270.83	14	64.48	32.32	357.04	324.71	297.25	271.81
63.07	30.83	355.77	323.68	296.23	270.63	13	64.07	31.88	356.83	324.71	297.22	271.60
62.67	30.41	355.57	323.68	296.20	270.42	12	63.67	31.45	356.64	324.71	297.20	271.40
62.28	30.00	355.39	323.68	296.17	270.22	11	63.27	31.04	356.45	324.71	297.16	271.19
61.89	29.60	355.22	323.68	296.14	270.01	10	62.88	30.64	356.28	324.71	297.13	270.98
61.51	29.22	355.06	323.68	296.10	269.80	9	62.50	30.26	356.12	324.71	297.08	270.77
61.13	28.86	354.91	323.68	296.05	269.59	8	62.12	29.89	355.97	324.71	297.04	270.55
60.76	28.50	354.77	323.68	296.00	269.37	7	61.74	29.54	355.83	324.71	296.99	270.34
60.39	28.16	354.63	323.68	295.95	269.15	6	61.37	29.20	355.69	324.71	296.93	270.11
60.02	27.84	354.51	323.68	295.89	268.93	5	61.00	28.87	355.57	324.71	296.87	269.89
59.66	27.52	354.40	323.68	295.82	268.70	4	60.64	28.55	355.45	324.71	296.81	269.66
59.30	27.22	354.29	323.68	295.75	268.46	3	60.28	28.25	355.35	324.71	296.74	269.42
58.95	26.93	354.19	323.68	295.68	268.23	2	59.92	27.95	355.25	324.71	296.66	269.18
58.60	26.65	354.10	323.68	295.60	267.98	1	59.57	27.67	355.16	324.71	296.58	268.93
58.25	26.38	354.02	323.68	295.51	267.73	0	59.21	27.40	355.08	324.71	296.50	268.68

328°		Sternzeit				21h52min		329°		Sternzeit				21h56min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII		
111.25	100.65	60.30	325.74	306.29	298.16	64	111.83	101.15	60.94	326.78	307.05	298.82		
109.17	97.62	55.39	325.74	305.43	296.68	63	109.80	98.17	56.12	326.78	306.23	297.37		
107.19	94.70	50.94	325.74	304.65	295.29	62	107.84	95.29	51.75	326.78	305.47	296.01		
105.29	91.87	46.92	325.74	303.94	293.98	61	105.98	92.52	47.78	326.78	304.78	294.73		
103.47	89.15	43.28	325.74	303.30	292.75	60	104.19	89.84	44.19	326.78	304.15	293.53		
101.73	86.54	39.98	325.74	302.71	291.59	59	102.49	87.26	40.93	326.78	303.58	292.39		
100.08	84.03	36.98	325.74	302.19	290.51	58	100.85	84.79	37.96	326.78	303.07	291.33		
98.49	81.62	34.25	325.74	301.71	289.49	57	99.29	82.41	35.25	326.78	302.61	290.33		
96.98	79.30	31.75	325.74	301.28	288.54	56	97.80	80.12	32.77	326.78	302.19	289.39		
95.53	77.08	29.46	325.74	300.90	287.64	55	96.38	77.93	30.49	326.78	301.82	288.51		
94.15	74.96	27.36	325.74	300.55	286.80	54	95.02	75.83	28.40	326.78	301.48	287.68		
92.83	72.92	25.42	325.74	300.24	286.01	53	93.71	73.81	26.47	326.78	301.19	286.90		
91.57	70.96	23.63	325.74	299.97	285.26	52	92.46	71.87	24.69	326.78	300.92	286.17		
90.36	69.09	21.97	325.74	299.73	284.56	51	91.26	70.02	23.03	326.78	300.69	285.49		
89.20	67.29	20.42	325.74	299.52	283.91	50	90.12	68.24	21.49	326.78	300.48	284.84		
88.08	65.57	18.99	325.74	299.33	283.29	49	89.02	66.53	20.06	326.78	300.30	284.23		
87.02	63.92	17.65	325.74	299.16	282.71	48	87.96	64.89	18.72	326.78	300.14	283.66		
85.99	62.33	16.39	325.74	299.02	282.16	47	86.94	63.31	17.47	326.78	300.00	283.12		
85.01	60.81	15.22	325.74	298.89	281.65	46	85.97	61.80	16.30	326.78	299.87	282.61		
84.06	59.35	14.11	325.74	298.79	281.16	45	85.03	60.35	15.19	326.78	299.77	282.13		
83.15	57.95	13.08	325.74	298.69	280.70	44	84.12	58.96	14.16	326.78	299.68	281.67		
82.27	56.60	12.10	325.74	298.62	280.27	43	83.25	57.62	13.19	326.78	299.60	281.24		
81.43	55.31	11.19	325.74	298.55	279.85	42	82.41	56.33	12.27	326.78	299.54	280.83		
80.61	54.07	10.32	325.74	298.49	279.46	41	81.60	55.10	11.40	326.78	299.49	280.44		
79.82	52.87	9.50	325.74	298.45	279.09	40	80.82	53.91	10.58	326.78	299.44	280.07		
79.06	51.72	8.73	325.74	298.41	278.74	39	80.06	52.76	9.81	326.78	299.41	279.72		
78.32	50.62	7.99	325.74	298.38	278.40	38	79.32	51.66	9.07	326.78	299.38	279.39		
77.61	49.55	7.30	325.74	298.36	278.08	37	78.61	50.60	8.38	326.78	299.36	279.07		
76.92	48.53	6.64	325.74	298.34	277.77	36	77.92	49.58	7.72	326.78	299.34	278.76		
76.25	47.54	6.01	325.74	298.33	277.48	35	77.26	48.59	7.10	326.78	299.33	278.47		
75.60	46.60	5.42	325.74	298.32	277.20	34	76.61	47.65	6.50	326.78	299.32	278.19		
74.97	45.68	4.86	325.74	298.32	276.93	33	75.98	46.73	5.94	326.78	299.32	277.92		
74.36	44.80	4.32	325.74	298.32	276.66	32	75.37	45.85	5.40	326.78	299.32	277.66		
73.76	43.95	3.81	325.74	298.32	276.41	31	74.77	45.01	4.89	326.78	299.32	277.40		
73.18	43.13	3.33	325.74	298.32	276.17	30	74.19	44.19	4.41	326.78	299.32	277.16		
72.61	42.34	2.87	325.74	298.32	275.93	29	73.62	43.40	3.94	326.78	299.32	276.92		
72.06	41.58	2.43	325.74	298.32	275.70	28	73.07	42.64	3.50	326.78	299.32	276.69		
71.52	40.85	2.01	325.74	298.33	275.47	27	72.53	41.91	3.09	326.78	299.33	276.46		
71.00	40.14	1.61	325.74	298.33	275.25	26	72.01	41.20	2.69	326.78	299.33	276.24		
70.48	39.46	1.23	325.74	298.33	275.03	25	71.49	40.51	2.31	326.78	299.33	276.02		
69.98	38.80	0.87	325.74	298.34	274.82	24	70.99	39.86	1.95	326.78	299.34	275.81		
69.49	38.17	0.53	325.74	298.34	274.61	23	70.50	39.22	1.60	326.78	299.34	275.60		
69.01	37.55	0.20	325.74	298.34	274.41	22	70.02	38.61	1.27	326.78	299.33	275.39		
68.54	36.96	359.89	325.74	298.33	274.20	21	69.54	38.01	0.96	326.78	299.33	275.19		
68.08	36.39	359.59	325.74	298.33	274.00	20	69.08	37.44	0.67	326.78	299.33	274.98		
67.62	35.84	359.31	325.74	298.32	273.80	19	68.63	36.89	0.38	326.78	299.32	274.78		
67.18	35.31	359.04	325.74	298.31	273.59	18	68.18	36.36	0.11	326.78	299.31	274.58		
66.74	34.80	358.79	325.74	298.30	273.39	17	67.74	35.84	359.86	326.78	299.30	274.37		
66.31	34.30	358.55	325.74	298.28	273.19	16	67.31	35.35	359.62	326.78	299.28	274.17		
65.89	33.83	358.32	325.74	298.26	272.99	15	66.89	34.87	359.39	326.78	299.26	273.97		
65.47	33.37	358.10	325.74	298.24	272.78	14	66.47	34.41	359.17	326.78	299.24	273.76		
65.07	32.92	357.90	325.74	298.22	272.58	13	66.06	33.96	358.96	326.78	299.21	273.55		
64.66	32.49	357.70	325.74	298.19	272.37	12	65.65	33.53	358.77	326.78	299.18	273.34		
64.26	32.08	357.52	325.74	298.15	272.16	11	65.25	33.12	358.58	326.78	299.15	273.13		
63.87	31.68	357.35	325.74	298.12	271.95	10	64.86	32.72	358.41	326.78	299.11	272.92		
63.48	31.30	357.18	325.74	298.07	271.74	9	64.47	32.33	358.25	326.78	299.07	272.70		
63.10	30.93	357.03	325.74	298.03	271.52	8	64.08	31.96	358.09	326.78	299.02	272.49		
62.72	30.57	356.89	325.74	297.98	271.30	7	63.70	31.60	357.95	326.78	298.97	272.26		
62.35	30.23	356.75	325.74	297.92	271.07	6	63.32	31.25	357.81	326.78	298.91	272.04		
61.98	29.90	356.63	325.74	297.86	270.85	5	62.95	30.92	357.69	326.78	298.85	271.80		
61.61	29.58	356.51	325.74	297.79	270.61	4	62.58	30.60	357.57	326.78	298.78	271.57		
61.25	29.27	356.40	325.74	297.72	270.38	3	62.22	30.29	357.46	326.78	298.71	271.33		
60.89	28.98	356.31	325.74	297.65	270.13	2	61.85	30.00	357.36	326.78	298.63	271.09		
60.53	28.69	356.21	325.74	297.57	269.89	1	61.49	29.71	357.27	326.78	298.55	270.84		
60.18	28.42	356.13	325.74	297.48	269.63	0	61.13	29.43	357.19	326.78	298.46	270.58		

330°		Sternzeit			22h 0min		331°		Sternzeit			22h 4min	
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
112.41	101.65	61.59	327.82	307.82	299.48	64	112.99	102.14	62.23	328.86	308.59	300.13	
110.41	98.72	56.85	327.82	307.02	298.06	63	111.03	99.26	57.58	328.86	307.81	298.75	
108.50	95.89	52.55	327.82	306.28	296.73	62	109.15	96.47	53.35	328.86	307.09	297.45	
106.66	93.15	48.64	327.82	305.61	295.48	61	107.34	93.78	49.50	328.86	306.44	296.22	
104.91	90.51	45.09	327.82	305.00	294.30	60	105.62	91.18	45.99	328.86	305.85	295.06	
103.23	87.98	41.87	327.82	304.45	293.19	59	103.97	88.68	42.80	328.86	305.32	293.97	
101.62	85.53	38.93	327.82	303.95	292.14	58	102.39	86.27	39.89	328.86	304.83	292.95	
100.09	83.19	36.24	327.82	303.50	291.16	57	100.87	83.96	37.23	328.86	304.40	291.99	
98.62	80.93	33.78	327.82	303.10	290.24	56	99.43	81.73	34.79	328.86	304.01	291.09	
97.21	78.77	31.52	327.82	302.74	289.38	55	98.04	79.59	32.54	328.86	303.66	290.24	
95.87	76.69	29.44	327.82	302.41	288.56	54	96.71	77.53	30.47	328.86	303.34	289.44	
94.58	74.69	27.52	327.82	302.12	287.80	53	95.44	75.56	28.56	328.86	303.06	288.68	
93.35	72.77	25.74	327.82	301.87	287.08	52	94.22	73.66	26.79	328.86	302.81	287.98	
92.16	70.94	24.09	327.82	301.64	286.40	51	93.05	71.84	25.15	328.86	302.59	287.31	
91.03	69.17	22.56	327.82	301.44	285.76	50	91.93	70.09	23.62	328.86	302.40	286.68	
89.94	67.48	21.13	327.82	301.26	285.16	49	90.85	68.41	22.19	328.86	302.22	286.09	
88.89	65.85	19.79	327.82	301.11	284.60	48	89.82	66.80	20.86	328.86	302.07	285.53	
87.89	64.29	18.54	327.82	300.97	284.06	47	88.82	65.25	19.62	328.86	301.94	285.01	
86.92	62.79	17.37	327.82	300.85	283.56	46	87.86	63.76	18.45	328.86	301.83	284.51	
85.99	61.35	16.27	327.82	300.75	283.08	45	86.94	62.33	17.35	328.86	301.73	284.04	
85.09	59.96	15.24	327.82	300.67	282.63	44	86.04	60.95	16.32	328.86	301.65	283.59	
84.22	58.63	14.27	327.82	300.59	282.21	43	85.18	59.63	15.34	328.86	301.58	283.17	
83.39	57.35	13.35	327.82	300.53	281.80	42	84.35	58.35	14.43	328.86	301.52	282.77	
82.58	56.11	12.48	327.82	300.48	281.42	41	83.55	57.13	13.56	328.86	301.47	282.39	
81.80	54.93	11.66	327.82	300.44	281.05	40	82.78	55.95	12.74	328.86	301.43	282.02	
81.05	53.79	10.89	327.82	300.40	280.70	39	82.03	54.81	11.97	328.86	301.40	281.68	
80.32	52.69	10.16	327.82	300.38	280.37	38	81.30	53.72	11.24	328.86	301.37	281.35	
79.61	51.63	9.46	327.82	300.36	280.05	37	80.59	52.66	10.54	328.86	301.35	281.03	
78.92	50.62	8.80	327.82	300.34	279.75	36	79.91	51.65	9.88	328.86	301.34	280.73	
78.25	49.63	8.18	327.82	300.33	279.46	35	79.25	50.67	9.26	328.86	301.33	280.44	
77.61	48.69	7.58	327.82	300.32	279.18	34	78.60	49.72	8.66	328.86	301.32	280.16	
76.98	47.78	7.02	327.82	300.32	278.91	33	77.97	48.82	8.10	328.86	301.32	279.89	
76.37	46.90	6.48	327.82	300.32	278.64	32	77.36	47.94	7.56	328.86	301.32	279.63	
75.77	46.05	5.97	327.82	300.32	278.39	31	76.77	47.09	7.05	328.86	301.32	279.38	
75.19	45.24	5.48	327.82	300.32	278.15	30	76.19	46.28	6.56	328.86	301.32	279.13	
74.63	44.45	5.02	327.82	300.32	277.91	29	75.62	45.49	6.10	328.86	301.32	278.89	
74.07	43.69	4.58	327.82	300.33	277.68	28	75.07	44.73	5.66	328.86	301.33	278.66	
73.54	42.95	4.16	327.82	300.33	277.45	27	74.53	44.00	5.24	328.86	301.33	278.44	
73.01	42.25	3.76	327.82	300.33	277.23	26	74.01	43.29	4.84	328.86	301.33	278.21	
72.50	41.56	3.38	327.82	300.33	277.01	25	73.49	42.61	4.46	328.86	301.33	278.00	
71.99	40.90	3.02	327.82	300.34	276.80	24	72.99	41.95	4.10	328.86	301.34	277.78	
71.50	40.27	2.68	327.82	300.34	276.59	23	72.50	41.31	3.75	328.86	301.34	277.57	
71.02	39.65	2.35	327.82	300.33	276.38	22	72.01	40.70	3.42	328.86	301.33	277.36	
70.54	39.06	2.04	327.82	300.33	276.17	21	71.54	40.10	3.11	328.86	301.33	277.15	
70.08	38.49	1.74	327.82	300.32	275.96	20	71.07	39.53	2.81	328.86	301.32	276.94	
69.62	37.93	1.45	327.82	300.32	275.76	19	70.62	38.98	2.53	328.86	301.32	276.74	
69.18	37.40	1.19	327.82	300.31	275.56	18	70.17	38.44	2.26	328.86	301.31	276.53	
68.74	36.89	0.93	327.82	300.29	275.35	17	69.72	37.92	2.00	328.86	301.29	276.33	
68.30	36.39	0.69	327.82	300.28	275.15	16	69.29	37.43	1.76	328.86	301.27	276.12	
67.88	35.91	0.46	327.82	300.26	274.94	15	68.86	36.95	1.53	328.86	301.25	275.91	
67.46	35.45	0.24	327.82	300.23	274.73	14	68.44	36.48	1.31	328.86	301.23	275.71	
67.04	35.00	0.03	327.82	300.21	274.53	13	68.03	36.03	1.10	328.86	301.20	275.50	
66.64	34.57	359.84	327.82	300.18	274.32	12	67.62	35.60	0.90	328.86	301.17	275.28	
66.23	34.15	359.65	327.82	300.14	274.10	11	67.21	35.18	0.72	328.86	301.14	275.07	
65.84	33.75	359.48	327.82	300.10	273.89	10	66.81	34.78	0.54	328.86	301.10	274.85	
65.45	33.36	359.31	327.82	300.06	273.67	9	66.42	34.39	0.38	328.86	301.05	274.63	
65.06	32.99	359.16	327.82	300.01	273.45	8	66.03	34.01	0.22	328.86	301.01	274.41	
64.67	32.63	359.01	327.82	299.96	273.22	7	65.65	33.65	0.08	328.86	300.95	274.18	
64.30	32.28	358.88	327.82	299.90	273.00	6	65.26	33.30	359.94	328.86	300.89	273.95	
63.92	31.95	358.75	327.82	299.84	272.76	5	64.89	32.97	359.81	328.86	300.83	273.72	
63.55	31.62	358.63	327.82	299.77	272.53	4	64.51	32.64	359.69	328.86	300.76	273.48	
63.18	31.31	358.52	327.82	299.70	272.28	3	64.14	32.33	359.58	328.86	300.69	273.24	
62.81	31.01	358.42	327.82	299.62	272.04	2	63.77	32.03	359.48	328.86	300.61	272.99	
62.45	30.72	358.33	327.82	299.54	271.78	1	63.41	31.74	359.39	328.86	300.53	272.73	
62.09	30.45	358.25	327.82	299.45	271.53	0	63.05	31.46	359.30	328.86	300.44	272.47	

332°		Sternzeit				22h 8min	Br.	333°		Sternzeit				22h12min
Asz.	XII	XI	MC	IX	VIII			Asz.	XII	XI	MC	IX	VIII	
113.57	102.63	62.87	329.90	309.35	300.79	64		114.15	103.12	63.51	330.95	310.12	301.45	
111.64	99.80	58.30	329.90	308.60	299.44	63		112.25	100.33	59.03	330.95	309.38	300.12	
109.79	97.05	54.14	329.90	307.90	298.16	62		110.43	97.63	54.93	330.95	308.71	298.87	
108.02	94.40	50.34	329.90	307.27	296.96	61		108.69	95.02	51.19	330.95	308.10	297.69	
106.32	91.85	46.88	329.90	306.70	295.82	60		107.02	92.50	47.77	330.95	307.55	296.58	
104.70	89.38	43.73	329.90	306.18	294.76	59		105.42	90.07	44.65	330.95	307.04	295.54	
103.14	87.00	40.85	329.90	305.71	293.76	58		103.89	87.73	41.80	330.95	306.59	294.55	
101.65	84.72	38.21	329.90	305.29	292.81	57		102.42	85.47	39.18	330.95	306.18	293.63	
100.23	82.52	35.79	329.90	304.91	291.92	56		101.02	83.30	36.78	330.95	305.81	292.76	
98.86	80.41	33.56	329.90	304.57	291.09	55		99.67	81.21	34.57	330.95	305.48	291.94	
97.55	78.37	31.50	329.90	304.27	290.30	54		98.38	79.20	32.52	330.95	305.19	291.17	
96.29	76.42	29.60	329.90	303.99	289.56	53		97.14	77.27	30.63	330.95	304.93	290.44	
95.09	74.54	27.84	329.90	303.75	288.87	52		95.95	75.41	28.88	330.95	304.69	289.75	
93.93	72.74	26.20	329.90	303.54	288.21	51		94.81	73.63	27.25	330.95	304.49	289.11	
92.82	71.01	24.68	329.90	303.35	287.59	50		93.71	71.91	25.73	330.95	304.30	288.50	
91.76	69.34	23.26	329.90	303.18	287.01	49		92.65	70.26	24.32	330.95	304.14	287.93	
90.73	67.74	21.93	329.90	303.04	286.46	48		91.64	68.67	22.99	330.95	304.00	287.38	
89.74	66.20	20.69	329.90	302.91	285.94	47		90.66	67.15	21.75	330.95	303.88	286.87	
88.79	64.72	19.52	329.90	302.80	285.45	46		89.72	65.68	20.59	330.95	303.78	286.39	
87.88	63.30	18.42	329.90	302.71	284.98	45		88.81	64.26	19.50	330.95	303.69	285.93	
86.99	61.93	17.39	329.90	302.63	284.54	44		87.93	62.90	18.47	330.95	303.61	285.49	
86.14	60.61	16.42	329.90	302.56	284.13	43		87.08	61.59	17.50	330.95	303.55	285.08	
85.31	59.35	15.51	329.90	302.51	283.73	42		86.26	60.33	16.58	330.95	303.49	284.68	
84.52	58.13	14.64	329.90	302.46	283.35	41		85.47	59.12	15.72	330.95	303.45	284.31	
83.74	56.95	13.82	329.90	302.42	282.99	40		84.71	57.95	14.90	330.95	303.41	283.95	
83.00	55.82	13.05	329.90	302.39	282.65	39		83.96	56.83	14.13	330.95	303.38	283.61	
82.27	54.73	12.32	329.90	302.37	282.32	38		83.24	55.74	13.39	330.95	303.36	283.29	
81.57	53.68	11.62	329.90	302.35	282.01	37		82.54	54.69	12.70	330.95	303.34	282.98	
80.89	52.67	10.96	329.90	302.33	281.71	36		81.86	53.69	12.04	330.95	303.33	282.68	
80.23	51.69	10.34	329.90	302.32	281.42	35		81.21	52.71	11.42	330.95	303.32	282.39	
79.59	50.75	9.74	329.90	302.32	281.14	34		80.56	51.77	10.82	330.95	303.32	282.11	
78.96	49.85	9.18	329.90	302.32	280.87	33		79.94	50.87	10.26	330.95	303.32	281.84	
78.35	48.97	8.64	329.90	302.32	280.61	32		79.33	50.00	9.72	330.95	303.32	281.59	
77.76	48.13	8.13	329.90	302.32	280.36	31		78.74	49.15	9.21	330.95	303.32	281.34	
77.18	47.31	7.64	329.90	302.32	280.11	30		78.16	48.34	8.72	330.95	303.32	281.09	
76.61	46.53	7.18	329.90	302.32	279.88	29		77.60	47.56	8.26	330.95	303.32	280.85	
76.06	45.77	6.74	329.90	302.33	279.64	28		77.05	46.80	7.81	330.95	303.33	280.62	
75.53	45.03	6.32	329.90	302.33	279.42	27		76.51	46.07	7.39	330.95	303.33	280.40	
75.00	44.33	5.92	329.90	302.33	279.19	26		75.98	45.36	6.99	330.95	303.34	280.17	
74.48	43.64	5.54	329.90	302.34	278.98	25		75.47	44.68	6.61	330.95	303.34	279.95	
73.98	42.98	5.17	329.90	302.34	278.76	24		74.97	44.02	6.25	330.95	303.34	279.74	
73.49	42.35	4.83	329.90	302.34	278.55	23		74.47	43.38	5.90	330.95	303.34	279.53	
73.00	41.73	4.50	329.90	302.34	278.34	22		73.99	42.77	5.57	330.95	303.34	279.31	
72.53	41.14	4.18	329.90	302.33	278.13	21		73.51	42.17	5.26	330.95	303.33	279.11	
72.06	40.57	3.88	329.90	302.33	277.92	20		73.04	41.60	4.96	330.95	303.33	278.90	
71.60	40.01	3.60	329.90	302.32	277.71	19		72.59	41.04	4.67	330.95	303.32	278.69	
71.15	39.48	3.33	329.90	302.31	277.51	18		72.13	40.51	4.40	330.95	303.31	278.48	
70.71	38.96	3.07	329.90	302.29	277.30	17		71.69	39.99	4.14	330.95	303.29	278.27	
70.27	38.46	2.83	329.90	302.27	277.09	16		71.25	39.49	3.90	330.95	303.27	278.07	
69.85	37.98	2.60	329.90	302.25	276.89	15		70.82	39.01	3.67	330.95	303.25	277.86	
69.42	37.51	2.38	329.90	302.23	276.68	14		70.40	38.54	3.45	330.95	303.23	277.65	
69.01	37.06	2.17	329.90	302.20	276.47	13		69.98	38.09	3.24	330.95	303.20	277.43	
68.60	36.63	1.97	329.90	302.17	276.25	12		69.57	37.65	3.04	330.95	303.17	277.22	
68.19	36.21	1.78	329.90	302.13	276.04	11		69.16	37.23	2.85	330.95	303.13	277.00	
67.79	35.81	1.61	329.90	302.09	275.82	10		68.76	36.83	2.68	330.95	303.09	276.78	
67.39	35.41	1.44	329.90	302.05	275.60	9		68.36	36.44	2.51	330.95	303.05	276.56	
67.00	35.04	1.29	329.90	302.00	275.37	8		67.97	36.06	2.35	330.95	303.00	276.33	
66.61	34.67	1.14	329.90	301.95	275.14	7		67.58	35.69	2.21	330.95	302.94	276.10	
66.23	34.32	1.00	329.90	301.89	274.91	6		67.19	35.34	2.07	330.95	302.89	275.87	
65.85	33.99	0.87	329.90	301.83	274.68	5		66.81	35.00	1.94	330.95	302.82	275.63	
65.47	33.66	0.76	329.90	301.76	274.43	4		66.43	34.67	1.82	330.95	302.75	275.39	
65.10	33.34	0.64	329.90	301.68	274.19	3		66.06	34.36	1.71	330.95	302.68	275.14	
64.73	33.04	0.54	329.90	301.60	273.94	2		65.68	34.05	1.60	330.95	302.60	274.89	
64.36	32.75	0.45	329.90	301.52	273.68	1		65.31	33.76	1.51	330.95	302.51	274.63	
64.00	32.47	0.36	329.90	301.43	273.42	0		64.95	33.48	1.42	330.95	302.42	274.37	

334° Sternzeit 22h16min						335° Sternzeit 22h20min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
114.72	103.61	64.15	332.00	310.89	302.10	64	115.29	104.10	64.79	333.06	311.65	302.75
112.86	100.87	59.74	332.00	310.17	300.80	63	113.46	101.39	60.46	333.06	310.96	301.48
111.07	98.21	55.71	332.00	309.52	299.58	62	111.70	98.77	56.49	333.06	310.33	300.28
109.36	95.63	52.02	332.00	308.93	298.42	61	110.02	96.24	52.86	333.06	309.76	299.15
107.72	93.15	48.65	332.00	308.39	297.34	60	108.40	93.79	49.53	333.06	309.23	298.09
106.14	90.75	45.57	332.00	307.90	296.31	59	106.86	91.43	46.48	333.06	308.76	297.08
104.63	88.44	42.75	332.00	307.46	295.35	58	105.37	89.15	43.69	333.06	308.34	296.14
103.19	86.22	40.15	332.00	307.07	294.44	57	103.95	86.95	41.12	333.06	307.95	295.25
101.80	84.07	37.77	332.00	306.71	293.59	56	102.58	84.83	38.76	333.06	307.61	294.41
100.47	82.01	35.57	332.00	306.39	292.78	55	101.27	82.80	36.58	333.06	307.30	293.62
99.20	80.02	33.54	332.00	306.11	292.02	54	100.01	80.83	34.56	333.06	307.03	292.87
97.98	78.11	31.66	332.00	305.85	291.31	53	98.80	78.94	32.69	333.06	306.78	292.17
96.80	76.27	29.92	332.00	305.63	290.64	52	97.64	77.12	30.95	333.06	306.56	291.51
95.67	74.51	28.30	332.00	305.43	290.00	51	96.53	75.37	29.34	333.06	306.37	290.89
94.59	72.80	26.79	332.00	305.25	289.40	50	95.45	73.69	27.83	333.06	306.20	290.30
93.54	71.17	25.37	332.00	305.10	288.84	49	94.42	72.07	26.43	333.06	306.06	289.74
92.54	69.59	24.05	332.00	304.97	288.30	48	93.43	70.51	25.11	333.06	305.93	289.21
91.57	68.08	22.82	332.00	304.85	287.80	47	92.47	69.00	23.88	333.06	305.81	288.71
90.63	66.62	21.66	332.00	304.75	287.32	46	91.54	67.56	22.72	333.06	305.72	288.24
89.73	65.22	20.57	332.00	304.66	286.86	45	90.65	66.16	21.63	333.06	305.64	287.79
88.86	63.87	19.54	332.00	304.59	286.43	44	89.78	64.82	20.61	333.06	305.57	287.37
88.02	62.57	18.57	332.00	304.53	286.02	43	88.95	63.53	19.64	333.06	305.51	286.97
87.21	61.31	17.66	332.00	304.48	285.63	42	88.14	62.28	18.73	333.06	305.46	286.58
86.42	60.11	16.79	332.00	304.43	285.26	41	87.36	61.08	17.87	333.06	305.42	286.21
85.66	58.94	15.98	332.00	304.40	284.91	40	86.60	59.93	17.05	333.06	305.39	285.86
84.92	57.82	15.20	332.00	304.37	284.57	39	85.87	58.81	16.28	333.06	305.36	285.53
84.20	56.74	14.47	332.00	304.35	284.25	38	85.16	57.73	15.55	333.06	305.34	285.21
83.51	55.70	13.78	332.00	304.34	283.94	37	84.46	56.70	14.85	333.06	305.33	284.90
82.83	54.69	13.12	332.00	304.33	283.64	36	83.79	55.70	14.20	333.06	305.32	284.61
82.18	53.72	12.49	332.00	304.32	283.36	35	83.14	54.73	13.57	333.06	305.32	284.32
81.54	52.79	11.90	332.00	304.32	283.08	34	82.50	53.80	12.98	333.06	305.31	284.05
80.91	51.89	11.33	332.00	304.31	282.82	33	81.88	52.90	12.41	333.06	305.31	283.79
80.31	51.02	10.80	332.00	304.32	282.56	32	81.28	52.03	11.87	333.06	305.31	283.53
79.72	50.18	10.28	332.00	304.32	282.31	31	80.69	51.19	11.36	333.06	305.32	283.28
79.14	49.36	9.80	332.00	304.32	282.07	30	80.11	50.38	10.87	333.06	305.32	283.04
78.58	48.58	9.33	332.00	304.33	281.83	29	79.55	49.60	10.41	333.06	305.33	282.80
78.03	47.82	8.89	332.00	304.33	281.60	28	79.00	48.84	9.97	333.06	305.33	282.57
77.49	47.09	8.47	332.00	304.33	281.37	27	78.47	48.11	9.55	333.06	305.34	282.34
76.97	46.39	8.07	332.00	304.34	281.15	26	77.94	47.41	9.15	333.06	305.34	282.12
76.45	45.71	7.69	332.00	304.34	280.93	25	77.43	46.73	8.76	333.06	305.34	281.90
75.95	45.05	7.32	332.00	304.34	280.71	24	76.92	46.07	8.40	333.06	305.34	281.69
75.45	44.41	6.98	332.00	304.34	280.50	23	76.43	45.43	8.05	333.06	305.34	281.47
74.97	43.79	6.65	332.00	304.34	280.29	22	75.94	44.82	7.72	333.06	305.34	281.26
74.49	43.20	6.33	332.00	304.34	280.08	21	75.47	44.22	7.41	333.06	305.34	281.05
74.02	42.63	6.03	332.00	304.33	279.87	20	75.00	43.65	7.11	333.06	305.33	280.84
73.56	42.07	5.75	332.00	304.32	279.66	19	74.54	43.10	6.82	333.06	305.32	280.63
73.11	41.54	5.47	332.00	304.31	279.45	18	74.09	42.56	6.55	333.06	305.31	280.42
72.67	41.02	5.22	332.00	304.29	279.25	17	73.64	42.04	6.29	333.06	305.30	280.21
72.23	40.52	4.97	332.00	304.28	279.04	16	73.20	41.54	6.04	333.06	305.28	280.00
71.80	40.03	4.74	332.00	304.26	278.83	15	72.77	41.06	5.81	333.06	305.26	279.79
71.37	39.57	4.52	332.00	304.23	278.61	14	72.34	40.59	5.59	333.06	305.23	279.58
70.95	39.11	4.31	332.00	304.20	278.40	13	71.92	40.13	5.38	333.06	305.20	279.37
70.54	38.68	4.11	332.00	304.17	278.18	12	71.51	39.70	5.18	333.06	305.17	279.15
70.13	38.26	3.92	332.00	304.13	277.97	11	71.10	39.28	4.99	333.06	305.14	278.93
69.73	37.85	3.74	332.00	304.09	277.75	10	70.69	38.87	4.81	333.06	305.09	278.71
69.33	37.46	3.58	332.00	304.05	277.52	9	70.29	38.47	4.64	333.06	305.05	278.48
68.93	37.08	3.42	332.00	304.00	277.29	8	69.89	38.09	4.49	333.06	305.00	278.25
68.54	36.71	3.27	332.00	303.94	277.06	7	69.50	37.73	4.34	333.06	304.94	278.02
68.15	36.36	3.13	332.00	303.88	276.83	6	69.11	37.37	4.20	333.06	304.88	277.78
67.77	36.02	3.00	332.00	303.82	276.59	5	68.73	37.03	4.07	333.06	304.82	277.54
67.39	35.69	2.88	332.00	303.75	276.34	4	68.34	36.70	3.95	333.06	304.75	277.29
67.01	35.37	2.77	332.00	303.68	276.09	3	67.96	36.38	3.83	333.06	304.67	277.04
66.64	35.06	2.66	332.00	303.59	275.84	2	67.59	36.07	3.73	333.06	304.59	276.79
66.26	34.77	2.57	332.00	303.51	275.58	1	67.21	35.77	3.63	333.06	304.51	276.52
65.89	34.48	2.48	332.00	303.42	275.31	0	66.84	35.49	3.54	333.06	304.41	276.26

336°		Sternzeit				22h24min	337°		Sternzeit				22h28min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
115.86	104.58	65.43	334.11	312.42	303.40	64	116.43	105.07	66.07	335.17	313.18	304.05	
114.06	101.92	61.17	334.11	311.75	302.16	63	114.66	102.44	61.89	335.17	312.53	302.83	
112.33	99.34	57.27	334.11	311.14	300.98	62	112.96	99.90	58.04	335.17	311.94	301.68	
110.68	96.84	53.68	334.11	310.58	299.88	61	111.33	97.44	54.51	335.17	311.40	300.60	
109.09	94.43	50.40	334.11	310.08	298.83	60	109.77	95.06	51.27	335.17	310.92	299.58	
107.56	92.10	47.39	334.11	309.62	297.85	59	108.27	92.76	48.29	335.17	310.48	298.62	
106.10	89.85	44.62	334.11	309.21	296.92	58	106.83	90.54	45.55	335.17	310.08	297.71	
104.70	87.68	42.08	334.11	308.84	296.05	57	105.45	88.40	43.04	335.17	309.72	296.85	
103.35	85.59	39.74	334.11	308.51	295.23	56	104.12	86.34	40.71	335.17	309.40	296.04	
102.06	83.58	37.57	334.11	308.21	294.45	55	102.84	84.35	38.56	335.17	309.11	295.28	
100.82	81.63	35.57	334.11	307.94	293.72	54	101.62	82.43	36.57	335.17	308.86	294.56	
99.63	79.77	33.71	334.11	307.71	293.03	53	100.44	80.58	34.73	335.17	308.63	293.89	
98.48	77.97	31.99	334.11	307.50	292.38	52	99.31	78.80	33.01	335.17	308.43	293.25	
97.38	76.23	30.38	334.11	307.31	291.77	51	98.22	77.08	31.41	335.17	308.25	292.64	
96.32	74.56	28.88	334.11	307.15	291.19	50	97.17	75.43	29.92	335.17	308.10	292.07	
95.29	72.96	27.48	334.11	307.01	290.64	49	96.16	73.84	28.53	335.17	307.96	291.53	
94.31	71.41	26.17	334.11	306.89	290.12	48	95.18	72.30	27.22	335.17	307.84	291.02	
93.36	69.92	24.94	334.11	306.78	289.63	47	94.24	70.83	26.00	335.17	307.74	290.54	
92.44	68.48	23.78	334.11	306.69	289.16	46	93.33	69.40	24.84	335.17	307.65	290.08	
91.56	67.10	22.70	334.11	306.61	288.72	45	92.46	68.03	23.76	335.17	307.58	289.64	
90.70	65.77	21.68	334.11	306.54	288.30	44	91.61	66.70	22.74	335.17	307.52	289.23	
89.87	64.48	20.71	334.11	306.49	287.90	43	90.79	65.43	21.78	335.17	307.47	288.83	
89.07	63.24	19.80	334.11	306.44	287.52	42	89.99	64.20	20.87	335.17	307.42	288.46	
88.29	62.05	18.94	334.11	306.40	287.16	41	89.22	63.01	20.01	335.17	307.39	288.10	
87.54	60.90	18.13	334.11	306.38	286.81	40	88.47	61.87	19.20	335.17	307.36	287.76	
86.81	59.79	17.35	334.11	306.35	286.48	39	87.75	60.76	18.43	335.17	307.34	287.43	
86.10	58.72	16.62	334.11	306.34	286.16	38	87.04	59.70	17.70	335.17	307.33	287.12	
85.41	57.69	15.93	334.11	306.32	285.86	37	86.36	58.67	17.00	335.17	307.32	286.81	
84.75	56.69	15.27	334.11	306.32	285.57	36	85.69	57.68	16.35	335.17	307.31	286.52	
84.09	55.73	14.65	334.11	306.31	285.29	35	85.04	56.72	15.72	335.17	307.31	286.24	
83.46	54.80	14.05	334.11	306.31	285.01	34	84.41	55.79	15.13	335.17	307.31	285.97	
82.84	53.90	13.49	334.11	306.31	284.75	33	83.80	54.90	14.56	335.17	307.31	285.71	
82.24	53.04	12.95	334.11	306.31	284.50	32	83.20	54.04	14.03	335.17	307.31	285.46	
81.65	52.20	12.44	334.11	306.32	284.25	31	82.61	53.20	13.51	335.17	307.32	285.21	
81.08	51.39	11.95	334.11	306.32	284.01	30	82.04	52.40	13.03	335.17	307.33	284.97	
80.52	50.61	11.49	334.11	306.33	283.77	29	81.48	51.62	12.56	335.17	307.33	284.74	
79.97	49.86	11.04	334.11	306.33	283.54	28	80.93	50.87	12.12	335.17	307.34	284.51	
79.44	49.13	10.62	334.11	306.34	283.31	27	80.40	50.14	11.70	335.17	307.34	284.28	
78.91	48.43	10.22	334.11	306.34	283.09	26	79.88	49.44	11.30	335.17	307.35	284.06	
78.40	47.75	9.84	334.11	306.35	282.87	25	79.36	48.76	10.91	335.17	307.35	283.84	
77.89	47.09	9.47	334.11	306.35	282.66	24	78.86	48.10	10.55	335.17	307.35	283.63	
77.40	46.45	9.13	334.11	306.35	282.44	23	78.36	47.47	10.20	335.17	307.35	283.41	
76.91	45.84	8.80	334.11	306.35	282.23	22	77.88	46.85	9.87	335.17	307.35	283.20	
76.44	45.24	8.48	334.11	306.34	282.02	21	77.40	46.26	9.55	335.17	307.35	282.99	
75.97	44.67	8.18	334.11	306.34	281.81	20	76.93	45.69	9.25	335.17	307.34	282.78	
75.51	44.12	7.89	334.11	306.33	281.60	19	76.47	45.13	8.97	335.17	307.33	282.57	
75.06	43.58	7.62	334.11	306.32	281.39	18	76.02	44.59	8.69	335.17	307.32	282.36	
74.61	43.06	7.36	334.11	306.30	281.18	17	75.57	44.08	8.43	335.17	307.31	282.15	
74.17	42.56	7.12	334.11	306.28	280.97	16	75.13	43.57	8.19	335.17	307.29	281.94	
73.74	42.07	6.88	334.11	306.26	280.76	15	74.70	43.09	7.95	335.17	307.27	281.72	
73.31	41.61	6.66	334.11	306.24	280.55	14	74.27	42.62	7.73	335.17	307.24	281.51	
72.89	41.15	6.45	334.11	306.21	280.33	13	73.85	42.17	7.52	335.17	307.21	281.29	
72.47	40.71	6.25	334.11	306.18	280.11	12	73.43	41.73	7.32	335.17	307.18	281.07	
72.06	40.29	6.06	334.11	306.14	279.89	11	73.02	41.30	7.13	335.17	307.14	280.85	
71.65	39.88	5.88	334.11	306.10	279.67	10	72.61	40.89	6.95	335.17	307.10	280.63	
71.25	39.49	5.71	334.11	306.05	279.44	9	72.21	40.50	6.78	335.17	307.06	280.40	
70.85	39.11	5.55	334.11	306.00	279.21	8	71.81	40.12	6.62	335.17	307.01	280.17	
70.46	38.74	5.40	334.11	305.95	278.98	7	71.41	39.75	6.47	335.17	306.95	279.93	
70.07	38.38	5.26	334.11	305.89	278.74	6	71.02	39.39	6.33	335.17	306.89	279.69	
69.68	38.04	5.13	334.11	305.82	278.49	5	70.63	39.04	6.20	335.17	306.82	279.45	
69.29	37.71	5.01	334.11	305.75	278.25	4	70.24	38.71	6.07	335.17	306.75	279.20	
68.91	37.38	4.90	334.11	305.67	277.99	3	69.86	38.39	5.96	335.17	306.68	278.94	
68.53	37.07	4.79	334.11	305.59	277.73	2	69.48	38.08	5.85	335.17	306.59	278.68	
68.16	36.78	4.69	334.11	305.51	277.47	1	69.10	37.78	5.76	335.17	306.51	278.42	
67.78	36.49	4.60	334.11	305.41	277.20	0	68.72	37.49	5.66	335.17	306.41	278.15	

338° Sternzeit 22h32min						339° Sternzeit 22h36min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
116.99	105.55	66.71	336.23	313.95	304.70	64	117.56	106.03	67.35	337.29	314.72	305.35
115.25	102.97	62.59	336.23	313.32	303.51	63	115.85	103.49	63.30	337.29	314.11	304.18
113.58	100.46	58.81	336.23	312.75	302.38	62	114.20	101.02	59.57	337.29	313.55	303.08
111.98	98.04	55.33	336.23	312.23	301.32	61	112.63	98.63	56.14	337.29	313.05	302.04
110.44	95.69	52.13	336.23	311.76	300.32	60	111.11	96.31	52.99	337.29	312.60	301.06
108.97	93.42	49.19	336.23	311.33	299.38	59	109.66	94.08	50.08	337.29	312.19	300.13
107.55	91.23	46.48	336.23	310.95	298.49	58	108.26	91.91	47.40	337.29	311.82	299.26
106.19	89.12	43.99	336.23	310.60	297.65	57	106.92	89.83	44.93	337.29	311.48	298.44
104.88	87.08	41.68	336.23	310.29	296.85	56	105.63	87.81	42.65	337.29	311.19	297.66
103.62	85.11	39.55	336.23	310.02	296.11	55	104.39	85.87	40.53	337.29	310.92	296.93
102.41	83.22	37.58	336.23	309.77	295.40	54	103.20	83.99	38.57	337.29	310.68	296.24
101.25	81.39	35.74	336.23	309.55	294.74	53	102.05	82.19	36.75	337.29	310.47	295.58
100.13	79.62	34.04	336.23	309.36	294.11	52	100.95	80.44	35.05	337.29	310.29	294.97
99.05	77.93	32.45	336.23	309.19	293.52	51	99.88	78.76	33.47	337.29	310.13	294.38
98.02	76.29	30.96	336.23	309.04	292.95	50	98.86	77.14	32.00	337.29	309.98	293.83
97.02	74.71	29.57	336.23	308.91	292.42	49	97.87	75.58	30.61	337.29	309.86	293.31
96.05	73.19	28.27	336.23	308.80	291.92	48	96.91	74.07	29.32	337.29	309.75	292.81
95.12	71.72	27.05	336.23	308.70	291.44	47	95.99	72.62	28.10	337.29	309.66	292.34
94.22	70.31	25.90	336.23	308.62	290.99	46	95.10	71.21	26.96	337.29	309.58	291.90
93.35	68.95	24.82	336.23	308.55	290.56	45	94.24	69.86	25.88	337.29	309.52	291.47
92.51	67.63	23.80	336.23	308.49	290.15	44	93.40	68.56	24.86	337.29	309.46	291.07
91.69	66.37	22.84	336.23	308.44	289.76	43	92.60	67.30	23.91	337.29	309.42	290.69
90.91	65.14	21.94	336.23	308.40	289.39	42	91.81	66.08	23.00	337.29	309.38	290.32
90.14	63.97	21.08	336.23	308.37	289.04	41	91.05	64.91	22.15	337.29	309.36	289.97
89.40	62.83	20.27	336.23	308.35	288.70	40	90.32	63.78	21.34	337.29	309.33	289.64
88.68	61.73	19.50	336.23	308.33	288.37	39	89.60	62.69	20.57	337.29	309.32	289.31
87.98	60.67	18.77	336.23	308.32	288.06	38	88.90	61.63	19.84	337.29	309.31	289.01
87.30	59.65	18.08	336.23	308.31	287.76	37	88.23	60.62	19.15	337.29	309.30	288.71
86.63	58.66	17.42	336.23	308.31	287.48	36	87.57	59.63	18.49	337.29	309.30	288.43
85.99	57.70	16.80	336.23	308.30	287.20	35	86.93	58.68	17.87	337.29	309.30	288.15
85.36	56.78	16.20	336.23	308.31	286.93	34	86.30	57.77	17.28	337.29	309.30	287.88
84.75	55.89	15.64	336.23	308.31	286.67	33	85.69	56.88	16.71	337.29	309.31	287.63
84.15	55.03	15.10	336.23	308.31	286.42	32	85.10	56.02	16.18	337.29	309.31	287.38
83.57	54.20	14.59	336.23	308.32	286.17	31	84.51	55.19	15.66	337.29	309.32	287.13
83.00	53.40	14.10	336.23	308.33	285.93	30	83.95	54.39	15.18	337.29	309.33	286.89
82.44	52.62	13.64	336.23	308.33	285.70	29	83.39	53.62	14.71	337.29	309.34	286.66
81.89	51.87	13.20	336.23	308.34	285.47	28	82.85	52.87	14.27	337.29	309.35	286.43
81.36	51.15	12.77	336.23	308.35	285.25	27	82.31	52.15	13.85	337.29	309.35	286.21
80.84	50.45	12.37	336.23	308.35	285.03	26	81.79	51.45	13.45	337.29	309.36	285.99
80.32	49.77	11.99	336.23	308.36	284.81	25	81.28	50.77	13.06	337.29	309.36	285.77
79.82	49.11	11.62	336.23	308.36	284.59	24	80.78	50.12	12.70	337.29	309.37	285.56
79.33	48.48	11.28	336.23	308.36	284.38	23	80.28	49.48	12.35	337.29	309.37	285.34
78.84	47.86	10.94	336.23	308.36	284.17	22	79.80	48.87	12.02	337.29	309.37	285.13
78.37	47.27	10.63	336.23	308.36	283.96	21	79.32	48.28	11.70	337.29	309.36	284.92
77.90	46.70	10.33	336.23	308.35	283.74	20	78.85	47.71	11.40	337.29	309.36	284.71
77.44	46.14	10.04	336.23	308.34	283.53	19	78.39	47.15	11.11	337.29	309.35	284.50
76.98	45.61	9.77	336.23	308.33	283.32	18	77.94	46.62	10.84	337.29	309.34	284.29
76.53	45.09	9.51	336.23	308.32	283.11	17	77.49	46.10	10.58	337.29	309.32	284.08
76.09	44.59	9.26	336.23	308.30	282.90	16	77.05	45.59	10.33	337.29	309.31	283.86
75.66	44.10	9.02	336.23	308.28	282.69	15	76.62	45.11	10.10	337.29	309.28	283.65
75.23	43.63	8.80	336.23	308.25	282.47	14	76.19	44.64	9.87	337.29	309.26	283.43
74.81	43.18	8.59	336.23	308.22	282.25	13	75.76	44.19	9.66	337.29	309.23	283.22
74.39	42.74	8.39	336.23	308.19	282.04	12	75.34	43.75	9.46	337.29	309.20	283.00
73.97	42.31	8.20	336.23	308.15	281.81	11	74.93	43.32	9.27	337.29	309.16	282.77
73.57	41.90	8.02	336.23	308.11	281.59	10	74.52	42.91	9.09	337.29	309.12	282.55
73.16	41.51	7.85	336.23	308.06	281.36	9	74.11	42.51	8.92	337.29	309.07	282.31
72.76	41.12	7.69	336.23	308.01	281.12	8	73.71	42.13	8.76	337.29	309.02	282.08
72.36	40.75	7.54	336.23	307.96	280.89	7	73.31	41.76	8.60	337.29	308.96	281.84
71.97	40.40	7.40	336.23	307.90	280.65	6	72.91	41.40	8.46	337.29	308.90	281.60
71.58	40.05	7.26	336.23	307.83	280.40	5	72.52	41.05	8.33	337.29	308.84	281.35
71.19	39.71	7.14	336.23	307.76	280.15	4	72.13	40.72	8.20	337.29	308.76	281.10
70.80	39.39	7.02	336.23	307.68	279.89	3	71.75	40.39	8.09	337.29	308.69	280.84
70.42	39.08	6.92	336.23	307.60	279.63	2	71.36	40.08	7.98	337.29	308.60	280.58
70.04	38.78	6.82	336.23	307.51	279.36	1	70.98	39.78	7.88	337.29	308.52	280.31
69.66	38.49	6.73	336.23	307.42	279.09	0	70.60	39.48	7.79	337.29	308.42	280.04

340°		Sternzeit				22h40min	341°		Sternzeit				22h44min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
118.12	106.51	67.98	338.36	315.48	305.99	64	118.68	106.99	68.62	339.43	316.25	306.64	
116.44	104.00	64.00	338.36	314.89	304.85	63	117.03	104.52	64.71	339.43	315.68	305.52	
114.82	101.57	60.33	338.36	314.36	303.77	62	115.44	102.12	61.09	339.43	315.16	304.46	
113.27	99.21	56.95	338.36	313.87	302.75	61	113.91	99.80	57.76	339.43	314.69	303.47	
111.78	96.93	53.84	338.36	313.43	301.79	60	112.45	97.55	54.68	339.43	314.27	302.53	
110.35	94.72	50.97	338.36	313.04	300.89	59	111.04	95.37	51.85	339.43	313.89	301.64	
108.97	92.59	48.32	338.36	312.68	300.03	58	109.68	93.26	49.23	339.43	313.55	300.80	
107.65	90.53	45.87	338.36	312.36	299.23	57	108.38	91.23	46.81	339.43	313.24	300.01	
106.38	88.54	43.61	338.36	312.08	298.46	56	107.12	89.26	44.56	339.43	312.96	299.26	
105.16	86.62	41.51	338.36	311.82	297.74	55	105.92	87.36	42.48	339.43	312.72	298.56	
103.98	84.77	39.56	338.36	311.59	297.07	54	104.76	85.53	40.55	339.43	312.50	297.89	
102.85	82.98	37.76	338.36	311.39	296.42	53	103.64	83.76	38.76	339.43	312.31	297.26	
101.76	81.25	36.07	338.36	311.22	295.82	52	102.56	82.06	37.08	339.43	312.14	296.67	
100.71	79.59	34.50	338.36	311.06	295.25	51	101.52	80.41	35.52	339.43	312.00	296.10	
99.69	77.98	33.03	338.36	310.93	294.70	50	100.52	78.82	34.05	339.43	311.87	295.57	
98.71	76.43	31.65	338.36	310.81	294.19	49	99.55	77.28	32.68	339.43	311.76	295.07	
97.77	74.94	30.36	338.36	310.71	293.70	48	98.62	75.80	31.40	339.43	311.66	294.59	
96.86	73.50	29.15	338.36	310.62	293.24	47	97.71	74.37	30.19	339.43	311.58	294.13	
95.97	72.11	28.01	338.36	310.55	292.80	46	96.84	73.00	29.06	339.43	311.51	293.70	
95.12	70.77	26.93	338.36	310.49	292.38	45	95.99	71.66	27.99	339.43	311.46	293.29	
94.29	69.47	25.92	338.36	310.44	291.99	44	95.17	70.38	26.98	339.43	311.41	292.90	
93.49	68.22	24.97	338.36	310.40	291.61	43	94.38	69.14	26.03	339.43	311.37	292.52	
92.71	67.02	24.06	338.36	310.36	291.24	42	93.61	67.94	25.13	339.43	311.34	292.17	
91.96	65.85	23.21	338.36	310.34	290.90	41	92.86	66.78	24.27	339.43	311.32	291.83	
91.23	64.73	22.40	338.36	310.32	290.57	40	92.13	65.67	23.47	339.43	311.30	291.50	
90.52	63.64	21.64	338.36	310.31	290.25	39	91.43	64.59	22.70	339.43	311.29	291.18	
89.83	62.59	20.91	338.36	310.30	289.95	38	90.74	63.54	21.98	339.43	311.29	290.88	
89.15	61.58	20.22	338.36	310.29	289.65	37	90.07	62.54	21.29	339.43	311.29	290.59	
88.50	60.60	19.56	338.36	310.29	289.37	36	89.42	61.56	20.63	339.43	311.29	290.31	
87.86	59.66	18.94	338.36	310.30	289.10	35	88.79	60.62	20.01	339.43	311.29	290.04	
87.24	58.74	18.35	338.36	310.30	288.83	34	88.17	59.71	19.42	339.43	311.30	289.78	
86.63	57.86	17.78	338.36	310.31	288.58	33	87.56	58.83	18.86	339.43	311.31	289.53	
86.04	57.01	17.25	338.36	310.32	288.33	32	86.97	57.98	18.32	339.43	311.32	289.28	
85.46	56.18	16.74	338.36	310.32	288.09	31	86.40	57.16	17.81	339.43	311.33	289.04	
84.89	55.38	16.25	338.36	310.33	287.85	30	85.83	56.37	17.32	339.43	311.34	288.81	
84.34	54.61	15.79	338.36	310.34	287.62	29	85.28	55.60	16.86	339.43	311.35	288.58	
83.79	53.86	15.34	338.36	310.35	287.39	28	84.74	54.85	16.42	339.43	311.36	288.35	
83.26	53.14	14.92	338.36	310.36	287.17	27	84.21	54.13	16.00	339.43	311.36	288.13	
82.74	52.44	14.52	338.36	310.37	286.95	26	83.69	53.44	15.59	339.43	311.37	287.91	
82.23	51.77	14.14	338.36	310.37	286.73	25	83.18	52.76	15.21	339.43	311.38	287.69	
81.73	51.12	13.77	338.36	310.37	286.52	24	82.68	52.11	14.84	339.43	311.38	287.48	
81.24	50.48	13.42	338.36	310.38	286.30	23	82.19	51.48	14.50	339.43	311.39	287.27	
80.75	49.87	13.09	338.36	310.38	286.09	22	81.70	50.87	14.16	339.43	311.39	287.05	
80.28	49.28	12.77	338.36	310.37	285.88	21	81.23	50.28	13.85	339.43	311.38	286.84	
79.81	48.71	12.47	338.36	310.37	285.67	20	80.76	49.71	13.54	339.43	311.38	286.63	
79.35	48.16	12.18	338.36	310.36	285.46	19	80.30	49.16	13.26	339.43	311.37	286.42	
78.89	47.62	11.91	338.36	310.35	285.25	18	79.84	48.62	12.98	339.43	311.36	286.21	
78.45	47.10	11.65	338.36	310.33	285.04	17	79.40	48.10	12.72	339.43	311.35	286.00	
78.00	46.60	11.40	338.36	310.32	284.83	16	78.95	47.60	12.47	339.43	311.33	285.79	
77.57	46.11	11.17	338.36	310.29	284.61	15	78.52	47.12	12.24	339.43	311.31	285.57	
77.14	45.64	10.94	338.36	310.27	284.39	14	78.09	46.65	12.01	339.43	311.28	285.35	
76.71	45.19	10.73	338.36	310.24	284.18	13	77.66	46.19	11.80	339.43	311.25	285.14	
76.29	44.75	10.53	338.36	310.21	283.95	12	77.24	45.75	11.60	339.43	311.22	284.91	
75.88	44.33	10.34	338.36	310.17	283.73	11	76.83	45.33	11.41	339.43	311.18	284.69	
75.47	43.91	10.16	338.36	310.13	283.50	10	76.41	44.92	11.22	339.43	311.14	284.46	
75.06	43.52	9.99	338.36	310.08	283.27	9	76.01	44.52	11.05	339.43	311.09	284.23	
74.66	43.13	9.82	338.36	310.03	283.04	8	75.60	44.13	10.89	339.43	311.04	283.99	
74.26	42.76	9.67	338.36	309.97	282.80	7	75.20	43.76	10.74	339.43	310.98	283.75	
73.86	42.40	9.53	338.36	309.91	282.55	6	74.80	43.40	10.60	339.43	310.92	283.51	
73.47	42.05	9.40	338.36	309.85	282.31	5	74.41	43.05	10.46	339.43	310.86	283.26	
73.08	41.72	9.27	338.36	309.77	282.05	4	74.02	42.71	10.34	339.43	310.78	283.00	
72.69	41.39	9.15	338.36	309.70	281.79	3	73.63	42.39	10.22	339.43	310.71	282.74	
72.30	41.08	9.04	338.36	309.61	281.53	2	73.24	42.07	10.11	339.43	310.62	282.48	
71.92	40.77	8.94	338.36	309.52	281.26	1	72.85	41.76	10.01	339.43	310.53	282.20	
71.54	40.48	8.85	338.36	309.43	280.98	0	72.47	41.47	9.91	339.43	310.44	281.93	

342°		Sternzeit				22h48min	343°		Sternzeit				22h52min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
119.24	107.47	69.25	340.50	317.01	307.28	64	119.80	107.95	69.89	341.57	317.78	307.93	
117.62	105.03	65.41	340.50	316.47	306.19	63	118.20	105.54	66.11	341.57	317.25	306.86	
116.05	102.67	61.85	340.50	315.97	305.15	62	116.66	103.21	62.60	341.57	316.77	305.84	
114.55	100.38	58.56	340.50	315.52	304.18	61	115.18	100.95	59.36	341.57	316.34	304.89	
113.11	98.16	55.53	340.50	315.11	303.26	60	113.76	98.76	56.37	341.57	315.94	303.99	
111.72	96.01	52.72	340.50	314.74	302.39	59	112.40	96.64	53.60	341.57	315.59	303.13	
110.38	93.93	50.13	340.50	314.41	301.57	58	111.08	94.59	51.04	341.57	315.28	302.33	
109.10	91.92	47.74	340.50	314.12	300.79	57	109.81	92.61	48.66	341.57	314.99	301.57	
107.86	89.98	45.51	340.50	313.85	300.06	56	108.60	90.69	46.46	341.57	314.74	300.85	
106.67	88.10	43.45	340.50	313.62	299.37	55	107.42	88.83	44.42	341.57	314.52	300.17	
105.53	86.29	41.54	340.50	313.41	298.71	54	106.29	87.04	42.51	341.57	314.32	299.53	
104.42	84.54	39.75	340.50	313.23	298.10	53	105.20	85.31	40.74	341.57	314.15	298.93	
103.36	82.85	38.09	340.50	313.07	297.51	52	104.15	83.64	39.09	341.57	313.99	298.35	
102.33	81.22	36.53	340.50	312.93	296.96	51	103.14	82.03	37.54	341.57	313.86	297.81	
101.34	79.65	35.08	340.50	312.81	296.44	50	102.16	80.47	36.10	341.57	313.75	297.30	
100.38	78.13	33.71	340.50	312.70	295.94	49	101.21	78.96	34.74	341.57	313.65	296.81	
99.46	76.66	32.44	340.50	312.61	295.47	48	100.30	77.51	33.47	341.57	313.56	296.34	
98.57	75.24	31.23	340.50	312.54	295.02	47	99.41	76.10	32.27	341.57	313.49	295.90	
97.70	73.88	30.10	340.50	312.47	294.59	46	98.56	74.75	31.14	341.57	313.44	295.49	
96.86	72.55	29.04	340.50	312.42	294.19	45	97.73	73.44	30.08	341.57	313.39	295.09	
96.05	71.28	28.03	340.50	312.38	293.80	44	96.92	72.17	29.08	341.57	313.35	294.71	
95.26	70.05	27.08	340.50	312.35	293.44	43	96.14	70.95	28.13	341.57	313.32	294.34	
94.50	68.86	26.18	340.50	312.32	293.08	42	95.38	69.77	27.24	341.57	313.30	294.00	
93.76	67.71	25.33	340.50	312.30	292.75	41	94.65	68.63	26.39	341.57	313.28	293.67	
93.03	66.60	24.53	340.50	312.29	292.42	40	93.93	67.53	25.59	341.57	313.27	293.35	
92.33	65.53	23.77	340.50	312.28	292.12	39	93.23	66.46	24.83	341.57	313.27	293.04	
91.65	64.49	23.04	340.50	312.28	291.82	38	92.56	65.43	24.10	341.57	313.27	292.75	
90.99	63.49	22.35	340.50	312.28	291.53	37	91.90	64.43	23.42	341.57	313.27	292.46	
90.34	62.52	21.70	340.50	312.28	291.25	36	91.25	63.47	22.77	341.57	313.28	292.19	
89.71	61.58	21.08	340.50	312.29	290.99	35	90.62	62.54	22.15	341.57	313.29	291.93	
89.09	60.68	20.49	340.50	312.30	290.73	34	90.01	61.64	21.56	341.57	313.30	291.67	
88.49	59.80	19.93	340.50	312.31	290.48	33	89.41	60.76	20.99	341.57	313.31	291.42	
87.90	58.96	19.39	340.50	312.32	290.23	32	88.83	59.92	20.46	341.57	313.32	291.18	
87.33	58.14	18.88	340.50	312.33	289.99	31	88.26	59.11	19.95	341.57	313.33	290.94	
86.77	57.34	18.39	340.50	312.34	289.76	30	87.70	58.32	19.46	341.57	313.34	290.71	
86.22	56.58	17.93	340.50	312.35	289.53	29	87.15	57.55	19.00	341.57	313.36	290.48	
85.68	55.84	17.49	340.50	312.36	289.30	28	86.61	56.82	18.56	341.57	313.37	290.26	
85.15	55.12	17.07	340.50	312.37	289.08	27	86.08	56.10	18.14	341.57	313.38	290.04	
84.63	54.42	16.67	340.50	312.38	288.87	26	85.57	55.41	17.74	341.57	313.39	289.82	
84.12	53.75	16.28	340.50	312.39	288.65	25	85.06	54.74	17.35	341.57	313.40	289.61	
83.62	53.10	15.92	340.50	312.39	288.44	24	84.56	54.09	16.99	341.57	313.40	289.39	
83.13	52.47	15.57	340.50	312.40	288.22	23	84.07	53.46	16.64	341.57	313.41	289.18	
82.65	51.86	15.24	340.50	312.40	288.01	22	83.59	52.85	16.31	341.57	313.41	288.97	
82.17	51.28	14.92	340.50	312.39	287.80	21	83.12	52.27	15.99	341.57	313.41	288.76	
81.71	50.70	14.62	340.50	312.39	287.59	20	82.65	51.70	15.69	341.57	313.40	288.55	
81.24	50.15	14.33	340.50	312.38	287.38	19	82.19	51.15	15.40	341.57	313.40	288.34	
80.79	49.62	14.05	340.50	312.37	287.17	18	81.73	50.61	15.12	341.57	313.39	288.13	
80.34	49.10	13.79	340.50	312.36	286.96	17	81.29	50.09	14.86	341.57	313.37	287.92	
79.90	48.60	13.54	340.50	312.34	286.75	16	80.85	49.59	14.61	341.57	313.35	287.70	
79.47	48.11	13.31	340.50	312.32	286.53	15	80.41	49.11	14.38	341.57	313.33	287.49	
79.03	47.65	13.08	340.50	312.29	286.31	14	79.98	48.64	14.15	341.57	313.31	287.27	
78.61	47.19	12.87	340.50	312.27	286.09	13	79.55	48.19	13.94	341.57	313.28	287.05	
78.19	46.75	12.67	340.50	312.23	285.87	12	79.13	47.75	13.74	341.57	313.25	286.83	
77.77	46.33	12.47	340.50	312.19	285.65	11	78.71	47.32	13.54	341.57	313.21	286.60	
77.36	45.91	12.29	340.50	312.15	285.42	10	78.30	46.91	13.36	341.57	313.17	286.37	
76.95	45.51	12.12	340.50	312.11	285.18	9	77.89	46.51	13.19	341.57	313.12	286.14	
76.54	45.13	11.96	340.50	312.05	284.95	8	77.48	46.12	13.03	341.57	313.07	285.90	
76.14	44.76	11.81	340.50	312.00	284.71	7	77.08	45.75	12.87	341.57	313.01	285.66	
75.74	44.39	11.66	340.50	311.94	284.46	6	76.68	45.39	12.73	341.57	312.95	285.41	
75.35	44.04	11.53	340.50	311.87	284.21	5	76.28	45.04	12.59	341.57	312.88	285.16	
74.95	43.71	11.40	340.50	311.80	283.95	4	75.89	44.70	12.47	341.57	312.81	284.90	
74.56	43.38	11.28	340.50	311.72	283.69	3	75.50	44.37	12.35	341.57	312.73	284.64	
74.17	43.06	11.17	340.50	311.64	283.42	2	75.11	44.05	12.24	341.57	312.65	284.37	
73.79	42.76	11.07	340.50	311.55	283.15	1	74.72	43.75	12.13	341.57	312.56	284.10	
73.40	42.46	10.98	340.50	311.45	282.87	0	74.33	43.45	12.04	341.57	312.46	283.82	

344°

Sternzeit

22h56min

345°

Sternzeit

23h 0min

Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
120.36	108.43	70.53	342.64	318.55	308.57	64	120.92	108.90	71.16	343.72	319.32	309.21
118.79	106.06	66.80	342.64	318.04	307.52	63	119.37	106.57	67.50	343.72	318.82	308.19
117.27	103.76	63.35	342.64	317.58	306.53	62	117.88	104.30	64.10	343.72	318.38	307.22
115.82	101.53	60.16	342.64	317.16	305.60	61	116.45	102.10	60.95	343.72	317.98	306.30
114.42	99.37	57.20	342.64	316.78	304.71	60	115.07	99.97	58.03	343.72	317.62	305.44
113.07	97.27	54.47	342.64	316.44	303.88	59	113.74	97.90	55.33	343.72	317.29	304.62
111.77	95.25	51.93	342.64	316.14	303.09	58	112.47	95.90	52.82	343.72	317.00	303.85
110.53	93.29	49.58	342.64	315.87	302.35	57	111.24	93.97	50.50	343.72	316.74	303.12
109.33	91.39	47.40	342.64	315.63	301.64	56	110.05	92.09	48.34	343.72	316.51	302.43
108.17	89.56	45.38	342.64	315.41	300.98	55	108.91	90.28	46.33	343.72	316.31	301.78
107.05	87.79	43.49	342.64	315.23	300.35	54	107.81	88.53	44.46	343.72	316.13	301.16
105.98	86.08	41.73	342.64	315.06	299.75	53	106.75	86.84	42.71	343.72	315.97	300.58
104.94	84.43	40.09	342.64	314.92	299.19	52	105.72	85.20	41.08	343.72	315.84	300.03
103.94	82.83	38.55	342.64	314.79	298.66	51	104.73	83.62	39.56	343.72	315.72	299.50
102.97	81.28	37.11	342.64	314.68	298.15	50	103.78	82.09	38.13	343.72	315.62	299.01
102.03	79.79	35.77	342.64	314.59	297.67	49	102.85	80.62	36.78	343.72	315.54	298.54
101.13	78.35	34.50	342.64	314.51	297.22	48	101.96	79.19	35.52	343.72	315.46	298.09
100.25	76.96	33.31	342.64	314.45	296.79	47	101.09	77.81	34.34	343.72	315.41	297.66
99.40	75.62	32.18	342.64	314.40	296.37	46	100.25	76.48	33.22	343.72	315.36	297.26
98.58	74.32	31.13	342.64	314.35	295.98	45	99.43	75.19	32.17	343.72	315.32	296.87
97.79	73.06	30.13	342.64	314.32	295.61	44	98.64	73.94	31.17	343.72	315.29	296.51
97.01	71.85	29.18	342.64	314.30	295.25	43	97.88	72.74	30.23	343.72	315.27	296.15
96.26	70.67	28.29	342.64	314.28	294.91	42	97.13	71.57	29.34	343.72	315.25	295.82
95.53	69.54	27.45	342.64	314.26	294.58	41	96.41	70.45	28.50	343.72	315.25	295.49
94.82	68.45	26.65	342.64	314.26	294.27	40	95.70	69.36	27.70	343.72	315.24	295.18
94.13	67.39	25.89	342.64	314.26	293.97	39	95.02	68.31	26.94	343.72	315.24	294.89
93.46	66.36	25.17	342.64	314.26	293.68	38	94.35	67.29	26.22	343.72	315.25	294.60
92.80	65.37	24.48	342.64	314.26	293.40	37	93.70	66.30	25.54	343.72	315.26	294.32
92.16	64.41	23.83	342.64	314.27	293.13	36	93.06	65.35	24.89	343.72	315.27	294.06
91.54	63.49	23.21	342.64	314.28	292.86	35	92.44	64.43	24.27	343.72	315.28	293.80
90.93	62.59	22.62	342.64	314.29	292.61	34	91.84	63.54	23.69	343.72	315.29	293.55
90.33	61.72	22.06	342.64	314.31	292.36	33	91.24	62.68	23.13	343.72	315.31	293.30
89.75	60.88	21.53	342.64	314.32	292.12	32	90.67	61.84	22.59	343.72	315.32	293.06
89.18	60.07	21.02	342.64	314.34	291.89	31	90.10	61.03	22.08	343.72	315.34	292.83
88.62	59.29	20.53	342.64	314.35	291.66	30	89.54	60.25	21.60	343.72	315.36	292.60
88.08	58.53	20.07	342.64	314.36	291.43	29	89.00	59.49	21.14	343.72	315.37	292.38
87.54	57.79	19.63	342.64	314.38	291.21	28	88.47	58.76	20.70	343.72	315.38	292.16
87.02	57.08	19.21	342.64	314.39	290.99	27	87.94	58.05	20.28	343.72	315.40	291.94
86.50	56.39	18.81	342.64	314.40	290.77	26	87.43	57.36	19.88	343.72	315.41	291.73
85.99	55.72	18.42	342.64	314.41	290.56	25	86.93	56.70	19.49	343.72	315.42	291.51
85.50	55.07	18.06	342.64	314.41	290.35	24	86.43	56.05	19.13	343.72	315.43	291.30
85.01	54.45	17.71	342.64	314.42	290.14	23	85.94	55.43	18.78	343.72	315.43	291.09
84.53	53.84	17.38	342.64	314.42	289.93	22	85.46	54.82	18.45	343.72	315.43	290.88
84.05	53.25	17.06	342.64	314.42	289.72	21	84.99	54.24	18.13	343.72	315.43	290.67
83.59	52.69	16.76	342.64	314.42	289.51	20	84.52	53.67	17.83	343.72	315.43	290.47
83.13	52.13	16.47	342.64	314.41	289.30	19	84.06	53.12	17.54	343.72	315.43	290.26
82.67	51.60	16.19	342.64	314.40	289.09	18	83.61	52.59	17.26	343.72	315.42	290.05
82.23	51.09	15.93	342.64	314.39	288.88	17	83.17	52.07	17.00	343.72	315.40	289.83
81.79	50.59	15.68	342.64	314.37	288.66	16	82.72	51.57	16.75	343.72	315.39	289.62
81.35	50.10	15.45	342.64	314.35	288.45	15	82.29	51.09	16.52	343.72	315.37	289.40
80.92	49.63	15.22	342.64	314.33	288.23	14	81.86	50.62	16.29	343.72	315.34	289.19
80.49	49.18	15.01	342.64	314.30	288.01	13	81.43	50.17	16.08	343.72	315.31	288.97
80.07	48.74	14.80	342.64	314.26	287.79	12	81.01	49.73	15.87	343.72	315.28	288.74
79.65	48.31	14.61	342.64	314.23	287.56	11	80.59	49.30	15.68	343.72	315.24	288.52
79.24	47.90	14.43	342.64	314.18	287.33	10	80.18	48.89	15.50	343.72	315.20	288.28
78.83	47.50	14.26	342.64	314.14	287.09	9	79.76	48.49	15.32	343.72	315.16	288.05
78.42	47.12	14.09	342.64	314.09	286.86	8	79.36	48.11	15.16	343.72	315.10	287.81
78.02	46.74	13.94	342.64	314.03	286.61	7	78.95	47.73	15.01	343.72	315.05	287.57
77.62	46.38	13.79	342.64	313.97	286.37	6	78.55	47.37	14.86	343.72	314.99	287.32
77.22	46.03	13.66	342.64	313.90	286.11	5	78.15	47.02	14.72	343.72	314.92	287.07
76.82	45.69	13.53	342.64	313.83	285.86	4	77.76	46.68	14.60	343.72	314.85	286.81
76.43	45.36	13.41	342.64	313.75	285.59	3	77.36	46.35	14.48	343.72	314.77	286.54
76.04	45.04	13.30	342.64	313.67	285.32	2	76.97	46.03	14.36	343.72	314.68	286.27
75.65	44.73	13.20	342.64	313.58	285.05	1	76.58	45.72	14.26	343.72	314.59	285.99
75.26	44.44	13.10	342.64	313.48	284.76	0	76.19	45.42	14.16	343.72	314.50	285.71

346° Sternzeit 23h 4min						347° Sternzeit 23h 8min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
121.47	109.38	71.80	344.80	320.08	309.85	64	122.03	109.86	72.43	345.87	320.85	310.50
119.95	107.08	68.19	344.80	319.61	308.85	63	120.53	107.58	68.88	345.87	320.40	309.51
118.48	104.84	64.84	344.80	319.18	307.90	62	119.09	105.38	65.59	345.87	319.99	308.58
117.07	102.67	61.74	344.80	318.80	307.01	61	117.70	103.24	62.52	345.87	319.62	307.71
115.72	100.56	58.86	344.80	318.45	306.16	60	116.36	101.16	59.68	345.87	319.28	306.88
114.41	98.53	56.19	344.80	318.14	305.36	59	115.08	99.15	57.04	345.87	318.99	306.10
113.15	96.55	53.71	344.80	317.86	304.60	58	113.84	97.20	54.59	345.87	318.72	305.36
111.94	94.64	51.41	344.80	317.62	303.89	57	112.64	95.31	52.32	345.87	318.49	304.66
110.77	92.79	49.27	344.80	317.40	303.21	56	111.49	93.48	50.20	345.87	318.28	304.00
109.65	91.00	47.28	344.80	317.20	302.58	55	110.38	91.71	48.23	345.87	318.10	303.37
108.56	89.27	45.42	344.80	317.04	301.97	54	109.31	90.00	46.39	345.87	317.94	302.78
107.51	87.59	43.69	344.80	316.89	301.40	53	108.27	88.34	44.67	345.87	317.80	302.22
106.50	85.97	42.07	344.80	316.76	300.86	52	107.27	86.74	43.06	345.87	317.68	301.69
105.52	84.41	40.56	344.80	316.65	300.35	51	106.31	85.19	41.55	345.87	317.58	301.18
104.58	82.90	39.13	344.80	316.56	299.86	50	105.37	83.69	40.14	345.87	317.49	300.71
103.66	81.43	37.80	344.80	316.48	299.40	49	104.47	82.24	38.81	345.87	317.42	300.25
102.78	80.02	36.55	344.80	316.41	298.96	48	103.59	80.84	37.57	345.87	317.36	299.82
101.92	78.65	35.37	344.80	316.36	298.54	47	102.74	79.49	36.39	345.87	317.31	299.41
101.09	77.33	34.25	344.80	316.32	298.14	46	101.92	78.18	35.28	345.87	317.28	299.02
100.28	76.05	33.21	344.80	316.28	297.76	45	101.12	76.91	34.24	345.87	317.25	298.65
99.50	74.82	32.21	344.80	316.26	297.40	44	100.35	75.69	33.25	345.87	317.23	298.29
98.74	73.62	31.28	344.80	316.24	297.05	43	99.60	74.50	32.32	345.87	317.22	297.95
98.00	72.47	30.39	344.80	316.23	296.72	42	98.86	73.35	31.44	345.87	317.21	297.62
97.28	71.35	29.55	344.80	316.23	296.40	41	98.15	72.24	30.60	345.87	317.21	297.31
96.58	70.27	28.75	344.80	316.23	296.10	40	97.46	71.17	29.80	345.87	317.21	297.01
95.90	69.22	28.00	344.80	316.23	295.81	39	96.78	70.13	29.05	345.87	317.22	296.72
95.24	68.21	27.28	344.80	316.24	295.52	38	96.12	69.13	28.34	345.87	317.23	296.44
94.59	67.23	26.60	344.80	316.25	295.25	37	95.48	68.15	27.66	345.87	317.24	296.17
93.96	66.28	25.95	344.80	316.26	294.99	36	94.85	67.21	27.01	345.87	317.26	295.91
93.34	65.37	25.33	344.80	316.28	294.73	35	94.24	66.30	26.39	345.87	317.27	295.66
92.74	64.48	24.75	344.80	316.29	294.48	34	93.64	65.42	25.81	345.87	317.29	295.41
92.15	63.62	24.19	344.80	316.31	294.24	33	93.06	64.56	25.25	345.87	317.31	295.17
91.58	62.79	23.66	344.80	316.33	294.00	32	92.49	63.74	24.72	345.87	317.33	294.94
91.01	61.99	23.15	344.80	316.34	293.77	31	91.92	62.94	24.21	345.87	317.35	294.71
90.46	61.21	22.66	344.80	316.36	293.55	30	91.37	62.16	23.73	345.87	317.37	294.49
89.92	60.45	22.20	344.80	316.38	293.32	29	90.84	61.41	23.27	345.87	317.39	294.27
89.39	59.72	21.76	344.80	316.39	293.10	28	90.31	60.68	22.83	345.87	317.40	294.05
88.87	59.02	21.34	344.80	316.41	292.89	27	89.79	59.98	22.41	345.87	317.42	293.84
88.36	58.33	20.94	344.80	316.42	292.68	26	89.28	59.30	22.01	345.87	317.43	293.62
87.85	57.67	20.56	344.80	316.43	292.46	25	88.78	58.64	21.63	345.87	317.44	293.41
87.36	57.03	20.19	344.80	316.44	292.25	24	88.28	58.00	21.26	345.87	317.45	293.21
86.87	56.40	19.85	344.80	316.45	292.05	23	87.80	57.38	20.91	345.87	317.46	293.00
86.39	55.80	19.51	344.80	316.45	291.84	22	87.32	56.77	20.58	345.87	317.47	292.79
85.92	55.22	19.20	344.80	316.45	291.63	21	86.85	56.19	20.26	345.87	317.47	292.58
85.46	54.65	18.90	344.80	316.45	291.42	20	86.39	55.63	19.96	345.87	317.47	292.37
85.00	54.10	18.61	344.80	316.44	291.21	19	85.93	55.08	19.67	345.87	317.46	292.17
84.55	53.57	18.33	344.80	316.43	291.00	18	85.48	54.55	19.40	345.87	317.45	291.96
84.10	53.06	18.07	344.80	316.42	290.79	17	85.03	54.04	19.14	345.87	317.44	291.75
83.66	52.56	17.82	344.80	316.41	290.58	16	84.59	53.54	18.89	345.87	317.43	291.53
83.22	52.08	17.58	344.80	316.39	290.36	15	84.16	53.06	18.65	345.87	317.41	291.32
82.79	51.61	17.36	344.80	316.36	290.14	14	83.72	52.59	18.42	345.87	317.38	291.10
82.37	51.16	17.14	344.80	316.33	289.92	13	83.30	52.14	18.21	345.87	317.36	290.88
81.94	50.72	16.94	344.80	316.30	289.70	12	82.88	51.70	18.01	345.87	317.32	290.65
81.52	50.29	16.75	344.80	316.26	289.47	11	82.46	51.28	17.81	345.87	317.29	290.43
81.11	49.88	16.56	344.80	316.22	289.24	10	82.04	50.86	17.63	345.87	317.25	290.19
80.70	49.48	16.39	344.80	316.18	289.00	9	81.63	50.46	17.45	345.87	317.20	289.96
80.29	49.09	16.23	344.80	316.13	288.77	8	81.22	50.08	17.29	345.87	317.15	289.72
79.89	48.72	16.07	344.80	316.07	288.52	7	80.82	49.70	17.14	345.87	317.09	289.47
79.48	48.36	15.92	344.80	316.01	288.27	6	80.41	49.34	16.99	345.87	317.03	289.22
79.08	48.00	15.79	344.80	315.94	288.02	5	80.01	48.99	16.85	345.87	316.96	288.97
78.69	47.66	15.66	344.80	315.87	287.76	4	79.62	48.65	16.72	345.87	316.89	288.71
78.29	47.33	15.54	344.80	315.79	287.49	3	79.22	48.32	16.60	345.87	316.81	288.44
77.90	47.01	15.43	344.80	315.70	287.22	2	78.83	48.00	16.49	345.87	316.73	288.17
77.51	46.71	15.32	344.80	315.61	286.94	1	78.43	47.69	16.38	345.87	316.64	287.89
77.12	46.41	15.22	344.80	315.52	286.66	0	78.04	47.39	16.29	345.87	316.54	287.60

348° Sternzeit 23h12min						349° Sternzeit 23h16min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
122.58	110.33	73.07	346.96	321.62	311.14	64	123.14	110.81	73.70	348.04	322.39	311.78
121.11	108.09	69.57	346.96	321.18	310.18	63	121.69	108.60	70.26	348.04	321.97	310.84
119.69	105.91	66.33	346.96	320.79	309.27	62	120.29	106.45	67.06	348.04	321.59	309.95
118.32	103.80	63.31	346.96	320.44	308.41	61	118.94	104.36	64.09	348.04	321.26	309.11
117.01	101.75	60.50	346.96	320.12	307.60	60	117.65	102.34	61.32	348.04	320.95	308.32
115.74	99.76	57.90	346.96	319.84	306.83	59	116.40	100.38	58.74	348.04	320.68	307.57
114.52	97.84	55.47	346.96	319.58	306.11	58	115.19	98.48	56.35	348.04	320.44	306.86
113.34	95.97	53.22	346.96	319.36	305.42	57	114.03	96.63	54.12	348.04	320.23	306.19
112.20	94.17	51.12	346.96	319.17	304.78	56	112.91	94.85	52.04	348.04	320.05	305.55
111.11	92.42	49.17	346.96	318.99	304.16	55	111.83	93.12	50.10	348.04	319.89	304.95
110.05	90.72	47.34	346.96	318.84	303.58	54	110.79	91.45	48.29	348.04	319.75	304.38
109.03	89.09	45.64	346.96	318.71	303.03	53	109.78	89.83	46.60	348.04	319.63	303.85
108.04	87.50	44.04	346.96	318.60	302.51	52	108.81	88.26	45.02	348.04	319.52	303.34
107.09	85.97	42.54	346.96	318.51	302.02	51	107.86	86.74	43.53	348.04	319.44	302.85
106.16	84.49	41.14	346.96	318.43	301.55	50	106.95	85.27	42.14	348.04	319.36	302.39
105.27	83.05	39.82	346.96	318.36	301.11	49	106.07	83.85	40.83	348.04	319.31	301.96
104.40	81.66	38.58	346.96	318.31	300.68	48	105.21	82.48	39.59	348.04	319.26	301.54
103.57	80.32	37.41	346.96	318.27	300.28	47	104.38	81.15	38.43	348.04	319.22	301.15
102.75	79.02	36.31	346.96	318.24	299.90	46	103.58	79.86	37.33	348.04	319.20	300.77
101.96	77.76	35.27	346.96	318.21	299.53	45	102.79	78.61	36.30	348.04	319.18	300.41
101.19	76.55	34.29	346.96	318.20	299.18	44	102.03	77.41	35.32	348.04	319.17	300.07
100.45	75.37	33.36	346.96	318.19	298.84	43	101.29	76.24	34.39	348.04	319.16	299.74
99.72	74.23	32.48	346.96	318.19	298.52	42	100.58	75.11	33.52	348.04	319.16	299.42
99.02	73.13	31.64	346.96	318.19	298.22	41	99.88	74.02	32.69	348.04	319.17	299.12
98.33	72.07	30.85	346.96	318.19	297.92	40	99.19	72.96	31.90	348.04	319.18	298.83
97.66	71.04	30.10	346.96	318.20	297.63	39	98.53	71.93	31.15	348.04	319.19	298.55
97.00	70.04	29.39	346.96	318.22	297.36	38	97.88	70.94	30.44	348.04	319.21	298.27
96.37	69.07	28.71	346.96	318.23	297.09	37	97.25	69.98	29.76	348.04	319.23	298.01
95.74	68.13	28.06	346.96	318.25	296.84	36	96.63	69.05	29.12	348.04	319.25	297.76
95.14	67.23	27.45	346.96	318.27	296.59	35	96.02	68.15	28.51	348.04	319.27	297.51
94.54	66.35	26.87	346.96	318.29	296.34	34	95.43	67.28	27.92	348.04	319.29	297.27
93.96	65.50	26.31	346.96	318.31	296.11	33	94.86	66.43	27.37	348.04	319.32	297.04
93.39	64.68	25.78	346.96	318.34	295.88	32	94.29	65.62	26.84	348.04	319.34	296.81
92.83	63.88	25.27	346.96	318.36	295.65	31	93.73	64.82	26.33	348.04	319.36	296.59
92.28	63.11	24.79	346.96	318.38	295.43	30	93.19	64.06	25.85	348.04	319.38	296.37
91.75	62.36	24.33	346.96	318.40	295.21	29	92.66	63.31	25.39	348.04	319.41	296.15
91.22	61.64	23.89	346.96	318.41	294.99	28	92.13	62.59	24.95	348.04	319.43	295.94
90.70	60.94	23.47	346.96	318.43	294.78	27	91.62	61.89	24.54	348.04	319.44	295.73
90.20	60.26	23.07	346.96	318.45	294.57	26	91.11	61.22	24.14	348.04	319.46	295.52
89.70	59.60	22.69	346.96	318.46	294.36	25	90.61	60.56	23.75	348.04	319.47	295.31
89.21	58.96	22.33	346.96	318.47	294.16	24	90.12	59.92	23.39	348.04	319.49	295.10
88.72	58.34	21.98	346.96	318.48	293.95	23	89.64	59.31	23.04	348.04	319.50	294.90
88.25	57.74	21.65	346.96	318.48	293.74	22	89.17	58.71	22.71	348.04	319.50	294.69
87.78	57.16	21.33	346.96	318.49	293.54	21	88.70	58.13	22.39	348.04	319.50	294.49
87.31	56.60	21.03	346.96	318.48	293.33	20	88.24	57.57	22.09	348.04	319.51	294.28
86.86	56.06	20.74	346.96	318.48	293.12	19	87.78	57.03	21.80	348.04	319.50	294.07
86.41	55.53	20.47	346.96	318.47	292.91	18	87.33	56.50	21.53	348.04	319.50	293.86
85.96	55.02	20.20	346.96	318.46	292.70	17	86.89	55.99	21.27	348.04	319.48	293.65
85.52	54.52	19.95	346.96	318.45	292.49	16	86.45	55.49	21.02	348.04	319.47	293.44
85.09	54.04	19.72	346.96	318.43	292.27	15	86.01	55.01	20.78	348.04	319.45	293.23
84.65	53.57	19.49	346.96	318.41	292.05	14	85.58	54.55	20.55	348.04	319.43	293.01
84.23	53.12	19.28	346.96	318.38	291.83	13	85.16	54.10	20.34	348.04	319.40	292.79
83.81	52.68	19.07	346.96	318.35	291.61	12	84.73	53.66	20.14	348.04	319.37	292.56
83.39	52.26	18.88	346.96	318.31	291.38	11	84.32	53.24	19.94	348.04	319.33	292.34
82.97	51.85	18.69	346.96	318.27	291.15	10	83.90	52.83	19.76	348.04	319.29	292.11
82.56	51.45	18.52	346.96	318.22	290.91	9	83.49	52.43	19.58	348.04	319.25	291.87
82.15	51.06	18.35	346.96	318.17	290.67	8	83.08	52.04	19.42	348.04	319.20	291.63
81.75	50.69	18.20	346.96	318.12	290.43	7	82.67	51.67	19.26	348.04	319.14	291.38
81.34	50.32	18.05	346.96	318.05	290.18	6	82.27	51.30	19.12	348.04	319.08	291.13
80.94	49.97	17.91	346.96	317.99	289.92	5	81.87	50.95	18.98	348.04	319.01	290.88
80.54	49.63	17.78	346.96	317.91	289.66	4	81.47	50.61	18.85	348.04	318.94	290.61
80.15	49.30	17.66	346.96	317.84	289.39	3	81.07	50.28	18.73	348.04	318.86	290.35
79.75	48.98	17.55	346.96	317.75	289.12	2	80.68	49.96	18.61	348.04	318.78	290.07
79.36	48.67	17.44	346.96	317.66	288.84	1	80.28	49.65	18.51	348.04	318.69	289.79
78.97	48.37	17.35	346.96	317.56	288.55	0	79.89	49.35	18.41	348.04	318.59	289.50

350°		Sternzeit				23h20min	351°		Sternzeit				23h24min
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII	
123.69	111.29	74.34	349.12	323.16	312.42	64	124.25	111.76	74.97	350.20	323.93	313.06	
122.26	109.10	70.95	349.12	322.76	311.50	63	122.84	109.61	71.64	350.20	323.55	312.16	
120.89	106.98	67.80	349.12	322.40	310.63	62	121.49	107.52	68.53	350.20	323.20	311.31	
119.56	104.93	64.86	349.12	322.08	309.81	61	120.18	105.49	65.63	350.20	322.90	310.50	
118.29	102.93	62.13	349.12	321.79	309.03	60	118.92	103.51	62.94	350.20	322.62	309.74	
117.06	100.99	59.59	349.12	321.53	308.30	59	117.71	101.60	60.43	350.20	322.38	309.03	
115.87	99.11	57.22	349.12	321.31	307.60	58	116.54	99.74	58.08	350.20	322.17	308.35	
114.72	97.29	55.01	349.12	321.11	306.95	57	115.41	97.94	55.90	350.20	321.98	307.71	
113.62	95.53	52.96	349.12	320.93	306.33	56	114.32	96.20	53.87	350.20	321.81	307.10	
112.55	93.82	51.04	349.12	320.78	305.74	55	113.27	94.51	51.96	350.20	321.67	306.52	
111.53	92.16	49.24	349.12	320.65	305.18	54	112.26	92.88	50.19	350.20	321.55	305.98	
110.53	90.56	47.56	349.12	320.54	304.66	53	111.27	91.29	48.52	350.20	321.45	305.46	
109.57	89.01	45.99	349.12	320.44	304.16	52	110.32	89.76	46.96	350.20	321.36	304.98	
108.64	87.51	44.52	349.12	320.36	303.68	51	109.40	88.27	45.49	350.20	321.29	304.51	
107.73	86.05	43.13	349.12	320.30	303.23	50	108.51	86.83	44.12	350.20	321.23	304.07	
106.86	84.65	41.83	349.12	320.25	302.80	49	107.65	85.44	42.82	350.20	321.19	303.65	
106.01	83.28	40.60	349.12	320.21	302.40	48	106.81	84.09	41.60	350.20	321.15	303.25	
105.19	81.97	39.44	349.12	320.18	302.01	47	106.00	82.78	40.46	350.20	321.13	302.87	
104.40	80.69	38.35	349.12	320.15	301.64	46	105.21	81.52	39.37	350.20	321.11	302.51	
103.62	79.45	37.32	349.12	320.14	301.29	45	104.45	80.29	38.34	350.20	321.10	302.16	
102.87	78.26	36.35	349.12	320.13	300.95	44	103.70	79.11	37.38	350.20	321.10	301.83	
102.14	77.10	35.43	349.12	320.13	300.63	43	102.98	77.96	36.46	350.20	321.11	301.51	
101.42	75.98	34.55	349.12	320.14	300.32	42	102.27	76.85	35.59	350.20	321.12	301.21	
100.73	74.90	33.73	349.12	320.15	300.02	41	101.58	75.77	34.76	350.20	321.13	300.91	
100.05	73.85	32.94	349.12	320.16	299.73	40	100.91	74.73	33.98	350.20	321.15	300.63	
99.40	72.83	32.19	349.12	320.18	299.45	39	100.26	73.72	33.24	350.20	321.17	300.36	
98.75	71.84	31.48	349.12	320.20	299.19	38	99.62	72.74	32.53	350.20	321.19	300.10	
98.12	70.89	30.81	349.12	320.22	298.93	37	99.00	71.79	31.86	350.20	321.21	299.84	
97.51	69.96	30.17	349.12	320.24	298.68	36	98.39	70.87	31.22	350.20	321.24	299.60	
96.91	69.07	29.56	349.12	320.27	298.44	35	97.79	69.98	30.61	350.20	321.27	299.36	
96.32	68.20	28.98	349.12	320.29	298.20	34	97.21	69.12	30.03	350.20	321.30	299.12	
95.75	67.36	28.42	349.12	320.32	297.97	33	96.64	68.29	29.48	350.20	321.32	298.90	
95.18	66.55	27.89	349.12	320.34	297.74	32	96.08	67.48	28.95	350.20	321.35	298.67	
94.63	65.76	27.39	349.12	320.37	297.52	31	95.53	66.69	28.45	350.20	321.38	298.45	
94.09	65.00	26.91	349.12	320.39	297.30	30	94.99	65.93	27.97	350.20	321.40	298.24	
93.56	64.26	26.45	349.12	320.42	297.09	29	94.46	65.20	27.51	350.20	321.43	298.03	
93.04	63.54	26.01	349.12	320.44	296.88	28	93.94	64.48	27.07	350.20	321.45	297.82	
92.53	62.84	25.60	349.12	320.46	296.67	27	93.43	63.79	26.65	350.20	321.47	297.61	
92.02	62.17	25.20	349.12	320.48	296.46	26	92.93	63.12	26.26	350.20	321.49	297.41	
91.53	61.52	24.82	349.12	320.49	296.26	25	92.44	62.47	25.88	350.20	321.51	297.20	
91.04	60.88	24.45	349.12	320.50	296.05	24	91.95	61.84	25.51	350.20	321.52	297.00	
90.56	60.27	24.11	349.12	320.51	295.85	23	91.47	61.23	25.17	350.20	321.53	296.79	
90.09	59.67	23.77	349.12	320.52	295.64	22	91.00	60.63	24.84	350.20	321.54	296.59	
89.62	59.10	23.46	349.12	320.53	295.44	21	90.54	60.06	24.52	350.20	321.55	296.39	
89.16	58.54	23.16	349.12	320.53	295.23	20	90.08	59.50	24.22	350.20	321.55	296.18	
88.70	58.00	22.87	349.12	320.52	295.03	19	89.62	58.96	23.93	350.20	321.55	295.98	
88.25	57.47	22.59	349.12	320.52	294.82	18	89.18	58.44	23.66	350.20	321.54	295.77	
87.81	56.96	22.33	349.12	320.51	294.61	17	88.73	57.93	23.39	350.20	321.53	295.56	
87.37	56.47	22.08	349.12	320.49	294.40	16	88.29	57.44	23.14	350.20	321.52	295.35	
86.94	55.99	21.84	349.12	320.48	294.18	15	87.86	56.96	22.91	350.20	321.50	295.14	
86.51	55.52	21.62	349.12	320.45	293.96	14	87.43	56.50	22.68	350.20	321.48	294.92	
86.08	55.07	21.40	349.12	320.43	293.74	13	87.01	56.05	22.47	350.20	321.46	294.70	
85.66	54.64	21.20	349.12	320.43	293.52	12	86.59	55.61	22.26	350.20	321.43	294.47	
85.24	54.21	21.00	349.12	320.36	293.29	11	86.17	55.19	22.07	350.20	321.39	294.25	
84.83	53.80	20.82	349.12	320.32	293.06	10	85.75	54.78	21.88	350.20	321.35	294.02	
84.42	53.40	20.65	349.12	320.28	292.82	9	85.34	54.38	21.71	350.20	321.30	293.78	
84.01	53.02	20.48	349.12	320.22	292.58	8	84.93	53.99	21.54	350.20	321.25	293.54	
83.60	52.64	20.32	349.12	320.17	292.34	7	84.53	53.62	21.39	350.20	321.20	293.29	
83.20	52.28	20.18	349.12	320.11	292.09	6	84.12	53.26	21.24	350.20	321.14	293.04	
82.80	51.93	20.04	349.12	320.04	291.83	5	83.72	52.90	21.10	350.20	321.07	292.78	
82.40	51.59	19.91	349.12	319.97	291.57	4	83.32	52.56	20.97	350.20	321.00	292.52	
82.00	51.26	19.79	349.12	319.89	291.30	3	82.92	52.23	20.85	350.20	320.92	292.25	
81.60	50.94	19.67	349.12	319.80	291.02	2	82.52	51.91	20.73	350.20	320.83	291.97	
81.21	50.62	19.56	349.12	319.71	290.74	1	82.13	51.60	20.62	350.20	320.74	291.69	
80.81	50.32	19.47	349.12	319.62	290.45	0	81.73	51.30	20.52	350.20	320.65	291.40	

352° Sternzeit 23h28min						353° Sternzeit 23h32min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
124.80	112.24	75.61	351.29	324.70	313.70	64	125.35	112.72	76.24	352.38	325.47	314.34
123.42	110.11	72.32	351.29	324.34	312.82	63	123.99	110.62	73.01	352.38	325.12	313.48
122.08	108.05	69.26	351.29	324.01	311.99	62	122.68	108.58	69.99	352.38	324.81	312.66
120.80	106.04	66.41	351.29	323.72	311.20	61	121.41	106.60	67.17	352.38	324.54	311.90
119.56	104.10	63.74	351.29	323.46	310.46	60	120.19	104.68	64.54	352.38	324.29	311.17
118.36	102.21	61.26	351.29	323.23	309.76	59	119.01	102.81	62.09	352.38	324.07	310.48
117.21	100.37	58.95	351.29	323.02	309.09	58	117.88	101.00	59.81	352.38	323.88	309.83
116.10	98.60	56.79	351.29	322.85	308.46	57	116.78	99.24	57.67	352.38	323.72	309.22
115.03	96.87	54.77	351.29	322.70	307.87	56	115.72	97.54	55.67	352.38	323.58	308.64
113.99	95.20	52.89	351.29	322.57	307.31	55	114.70	95.89	53.81	352.38	323.46	308.09
112.99	93.58	51.12	351.29	322.45	306.78	54	113.71	94.29	52.06	352.38	323.35	307.57
112.02	92.02	49.47	351.29	322.36	306.27	53	112.75	92.74	50.42	352.38	323.27	307.07
111.08	90.50	47.92	351.29	322.28	305.79	52	111.83	91.24	48.89	352.38	323.20	306.60
110.17	89.03	46.47	351.29	322.22	305.34	51	110.93	89.78	47.44	352.38	323.14	306.16
109.29	87.60	45.10	351.29	322.17	304.90	50	110.06	88.37	46.08	352.38	323.10	305.74
108.44	86.22	43.82	351.29	322.13	304.49	49	109.22	87.00	44.81	352.38	323.07	305.33
107.61	84.89	42.61	351.29	322.10	304.10	48	108.40	85.68	43.60	352.38	323.05	304.95
106.80	83.59	41.46	351.29	322.08	303.73	47	107.60	84.40	42.47	352.38	323.03	304.59
106.02	82.34	40.38	351.29	322.07	303.37	46	106.83	83.16	41.39	352.38	323.03	304.24
105.27	81.12	39.36	351.29	322.07	303.03	45	106.08	81.95	40.38	352.38	323.03	303.90
104.53	79.95	38.40	351.29	322.07	302.71	44	105.35	80.79	39.42	352.38	323.04	303.58
103.81	78.81	37.48	351.29	322.08	302.40	43	104.64	79.66	38.51	352.38	323.05	303.28
103.11	77.71	36.62	351.29	322.09	302.10	42	103.95	78.56	37.64	352.38	323.07	302.99
102.43	76.64	35.80	351.29	322.11	301.81	41	103.27	77.50	36.83	352.38	323.09	302.70
101.76	75.60	35.02	351.29	322.13	301.53	40	102.61	76.48	36.05	352.38	323.12	302.43
101.12	74.60	34.28	351.29	322.15	301.27	39	101.97	75.48	35.31	352.38	323.14	302.17
100.48	73.63	33.57	351.29	322.18	301.01	38	101.34	74.52	34.61	352.38	323.17	301.91
99.86	72.69	32.90	351.29	322.21	300.76	37	100.73	73.58	33.94	352.38	323.20	301.67
99.26	71.78	32.26	351.29	322.24	300.51	36	100.13	72.67	33.31	352.38	323.23	301.43
98.67	70.89	31.66	351.29	322.27	300.28	35	99.54	71.80	32.70	352.38	323.27	301.20
98.09	70.04	31.08	351.29	322.30	300.05	34	98.97	70.95	32.12	352.38	323.30	300.97
97.52	69.21	30.53	351.29	322.33	299.82	33	98.40	70.12	31.57	352.38	323.33	300.75
96.97	68.40	30.00	351.29	322.36	299.60	32	97.85	69.32	31.05	352.38	323.36	300.53
96.42	67.62	29.50	351.29	322.39	299.39	31	97.31	68.54	30.55	352.38	323.39	300.32
95.89	66.87	29.02	351.29	322.41	299.17	30	96.78	67.79	30.07	352.38	323.42	300.11
95.36	66.13	28.56	351.29	322.44	298.96	29	96.25	67.06	29.62	352.38	323.45	299.90
94.84	65.42	28.13	351.29	322.46	298.76	28	95.74	66.36	29.18	352.38	323.48	299.69
94.34	64.73	27.71	351.29	322.49	298.55	27	95.24	65.67	28.77	352.38	323.50	299.49
93.84	64.07	27.31	351.29	322.51	298.35	26	94.74	65.01	28.37	352.38	323.53	299.29
93.35	63.42	26.93	351.29	322.53	298.15	25	94.25	64.36	27.99	352.38	323.54	299.09
92.86	62.79	26.57	351.29	322.54	297.94	24	93.77	63.74	27.63	352.38	323.56	298.89
92.38	62.18	26.23	351.29	322.55	297.74	23	93.29	63.13	27.28	352.38	323.58	298.69
91.91	61.59	25.90	351.29	322.56	297.54	22	92.83	62.54	26.95	352.38	323.59	298.49
91.45	61.02	25.58	351.29	322.57	297.34	21	92.36	61.97	26.64	352.38	323.59	298.29
90.99	60.46	25.28	351.29	322.57	297.13	20	91.91	61.42	26.34	352.38	323.60	298.08
90.54	59.92	24.99	351.29	322.57	296.93	19	91.46	60.88	26.05	352.38	323.60	297.88
90.09	59.40	24.72	351.29	322.57	296.72	18	91.01	60.36	25.78	352.38	323.59	297.67
89.65	58.89	24.45	351.29	322.56	296.51	17	90.57	59.86	25.51	352.38	323.59	297.47
89.21	58.40	24.21	351.29	322.55	296.30	16	90.13	59.37	25.27	352.38	323.58	297.26
88.78	57.93	23.97	351.29	322.53	296.09	15	89.70	58.89	25.03	352.38	323.56	297.04
88.35	57.46	23.74	351.29	322.51	295.87	14	89.27	58.43	24.80	352.38	323.54	296.83
87.93	57.02	23.53	351.29	322.48	295.65	13	88.85	57.98	24.59	352.38	323.51	296.61
87.51	56.58	23.32	351.29	322.45	295.43	12	88.43	57.55	24.38	352.38	323.49	296.39
87.09	56.16	23.13	351.29	322.42	295.20	11	88.01	57.13	24.19	352.38	323.45	296.16
86.68	55.75	22.94	351.29	322.38	294.97	10	87.60	56.72	24.00	352.38	323.41	295.93
86.26	55.35	22.77	351.29	322.33	294.73	9	87.19	56.32	23.83	352.38	323.37	295.69
85.86	54.97	22.60	351.29	322.28	294.49	8	86.78	55.94	23.66	352.38	323.32	295.45
85.45	54.59	22.45	351.29	322.23	294.25	7	86.37	55.56	23.50	352.38	323.26	295.20
85.05	54.23	22.30	351.29	322.17	293.99	6	85.97	55.20	23.36	352.38	323.20	294.95
84.64	53.88	22.16	351.29	322.10	293.74	5	85.56	54.85	23.22	352.38	323.14	294.69
84.24	53.54	22.03	351.29	322.03	293.47	4	85.16	54.51	23.09	352.38	323.06	294.43
83.84	53.21	21.90	351.29	321.95	293.20	3	84.76	54.18	22.96	352.38	322.98	294.16
83.45	52.88	21.79	351.29	321.87	292.93	2	84.37	53.86	22.85	352.38	322.90	293.88
83.05	52.57	21.68	351.29	321.78	292.64	1	83.97	53.54	22.74	352.38	322.81	293.60
82.65	52.27	21.58	351.29	321.68	292.35	0	83.57	53.24	22.64	352.38	322.71	293.31

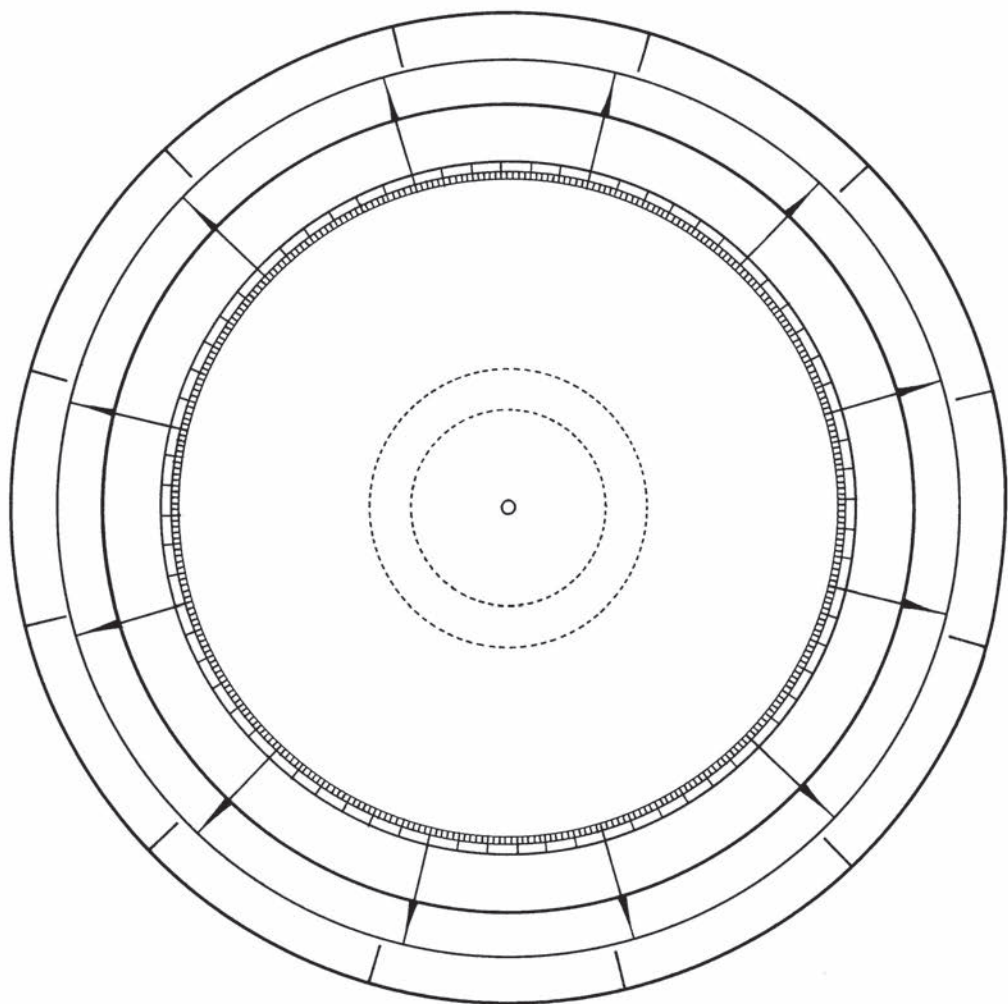
354°		Sternzeit 23h36min				355°		Sternzeit 23h40min				
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
125.90	113.19	76.88	353.46	326.25	314.98	64	126.46	113.67	77.51	354.55	327.02	315.61
124.56	111.12	73.69	353.46	325.91	314.14	63	125.14	111.63	74.37	354.55	326.70	314.79
123.27	109.11	70.72	353.46	325.62	313.34	62	123.86	109.64	71.44	354.55	326.42	314.02
122.02	107.16	67.94	353.46	325.35	312.59	61	122.64	107.71	68.70	354.55	326.18	313.28
120.82	105.26	65.34	353.46	325.12	311.88	60	121.45	105.84	66.14	354.55	325.96	312.59
119.66	103.41	62.92	353.46	324.92	311.21	59	120.31	104.02	63.75	354.55	325.77	311.93
118.54	101.63	60.66	353.46	324.74	310.57	58	119.21	102.25	61.51	354.55	325.60	311.31
117.46	99.89	58.55	353.46	324.59	309.97	57	118.14	100.53	59.42	354.55	325.46	310.73
116.42	98.21	56.57	353.46	324.46	309.41	56	117.11	98.87	57.46	354.55	325.34	310.17
115.41	96.57	54.72	353.46	324.35	308.87	55	116.12	97.25	55.63	354.55	325.24	309.65
114.43	94.99	52.99	353.46	324.26	308.36	54	115.15	95.69	53.92	354.55	325.16	309.15
113.49	93.46	51.37	353.46	324.18	307.88	53	114.22	94.17	52.31	354.55	325.09	308.67
112.57	91.97	49.84	353.46	324.12	307.42	52	113.32	92.70	50.79	354.55	325.04	308.23
111.69	90.53	48.41	353.46	324.07	306.98	51	112.44	91.27	49.37	354.55	325.00	307.80
110.83	89.13	47.06	353.46	324.03	306.57	50	111.59	89.89	48.03	354.55	324.97	307.40
110.00	87.78	45.79	353.46	324.01	306.17	49	110.77	88.55	46.77	354.55	324.95	307.01
109.19	86.47	44.59	353.46	323.99	305.80	48	109.97	87.25	45.58	354.55	324.94	306.64
108.40	85.20	43.47	353.46	323.99	305.44	47	109.19	86.00	44.46	354.55	324.94	306.29
107.64	83.97	42.40	353.46	323.99	305.10	46	108.44	84.78	43.40	354.55	324.94	305.96
106.89	82.78	41.39	353.46	323.99	304.77	45	107.70	83.59	42.40	354.55	324.96	305.64
106.17	81.62	40.43	353.46	324.01	304.46	44	106.99	82.45	41.44	354.55	324.97	305.33
105.47	80.50	39.53	353.46	324.02	304.16	43	106.29	81.34	40.54	354.55	325.00	305.04
104.78	79.41	38.67	353.46	324.05	303.87	42	105.61	80.26	39.69	354.55	325.02	304.75
104.11	78.36	37.85	353.46	324.07	303.59	41	104.95	79.22	38.88	354.55	325.05	304.48
103.46	77.34	37.08	353.46	324.10	303.33	40	104.30	78.21	38.11	354.55	325.08	304.22
102.82	76.35	36.35	353.46	324.13	303.07	39	103.67	77.23	37.38	354.55	325.12	303.97
102.20	75.40	35.65	353.46	324.16	302.82	38	103.05	76.27	36.68	354.55	325.15	303.72
101.59	74.47	34.98	353.46	324.20	302.58	37	102.45	75.35	36.02	354.55	325.19	303.48
101.00	73.57	34.35	353.46	324.23	302.34	36	101.86	74.46	35.39	354.55	325.23	303.25
100.41	72.70	33.74	353.46	324.27	302.11	35	101.28	73.59	34.78	354.55	325.27	303.03
99.84	71.85	33.17	353.46	324.30	301.89	34	100.71	72.75	34.21	354.55	325.31	302.81
99.28	71.03	32.62	353.46	324.34	301.67	33	100.16	71.94	33.66	354.55	325.34	302.59
98.73	70.24	32.10	353.46	324.37	301.46	32	99.61	71.15	33.14	354.55	325.38	302.38
98.19	69.46	31.60	353.46	324.40	301.24	31	99.08	70.38	32.64	354.55	325.41	302.17
97.67	68.72	31.12	353.46	324.44	301.04	30	98.55	69.64	32.17	354.55	325.45	301.97
97.15	67.99	30.67	353.46	324.47	300.83	29	98.04	68.92	31.72	354.55	325.48	301.77
96.64	67.29	30.23	353.46	324.49	300.63	28	97.53	68.22	31.28	354.55	325.51	301.57
96.13	66.61	29.82	353.46	324.52	300.43	27	97.03	67.54	30.87	354.55	325.54	301.37
95.64	65.95	29.42	353.46	324.54	300.23	26	96.54	66.88	30.47	354.55	325.56	301.17
95.15	65.30	29.04	353.46	324.56	300.03	25	96.05	66.24	30.10	354.55	325.59	300.97
94.67	64.68	28.68	353.46	324.58	299.83	24	95.57	65.62	29.74	354.55	325.61	300.78
94.20	64.08	28.34	353.46	324.60	299.63	23	95.10	65.02	29.39	354.55	325.62	300.58
93.73	63.49	28.01	353.46	324.61	299.43	22	94.64	64.44	29.06	354.55	325.63	300.38
93.27	62.92	27.69	353.46	324.62	299.23	21	94.18	63.87	28.75	354.55	325.64	300.18
92.82	62.37	27.39	353.46	324.62	299.03	20	93.73	63.32	28.45	354.55	325.65	299.98
92.37	61.84	27.11	353.46	324.62	298.83	19	93.28	62.79	28.16	354.55	325.65	299.78
91.92	61.32	26.83	353.46	324.62	298.63	18	92.84	62.27	27.89	354.55	325.65	299.58
91.48	60.82	26.57	353.46	324.62	298.42	17	92.40	61.77	27.63	354.55	325.65	299.37
91.05	60.33	26.32	353.46	324.60	298.21	16	91.96	61.29	27.38	354.55	325.64	299.16
90.62	59.85	26.09	353.46	324.59	298.00	15	91.53	60.81	27.14	354.55	325.62	298.95
90.19	59.39	25.86	353.46	324.57	297.78	14	91.11	60.35	26.92	354.55	325.60	298.74
89.77	58.95	25.64	353.46	324.55	297.56	13	90.69	59.91	26.70	354.55	325.58	298.52
89.35	58.51	25.44	353.46	324.52	297.34	12	90.27	59.48	26.50	354.55	325.55	298.30
88.93	58.09	25.25	353.46	324.48	297.11	11	89.85	59.06	26.30	354.55	325.52	298.07
88.52	57.69	25.06	353.46	324.44	296.88	10	89.44	58.65	26.12	354.55	325.48	297.84
88.11	57.29	24.89	353.46	324.40	296.65	9	89.03	58.26	25.94	354.55	325.44	297.60
87.70	56.91	24.72	353.46	324.35	296.40	8	88.62	57.87	25.78	354.55	325.39	297.36
87.29	56.53	24.56	353.46	324.30	296.16	7	88.21	57.50	25.62	354.55	325.33	297.11
86.89	56.17	24.41	353.46	324.24	295.91	6	87.81	57.14	25.47	354.55	325.27	296.86
86.49	55.82	24.27	353.46	324.17	295.65	5	87.41	56.79	25.33	354.55	325.21	296.60
86.08	55.48	24.14	353.46	324.10	295.38	4	87.00	56.45	25.20	354.55	325.14	296.34
85.69	55.15	24.02	353.46	324.02	295.11	3	86.60	56.12	25.07	354.55	325.06	296.07
85.29	54.83	23.90	353.46	323.94	294.83	2	86.21	55.80	24.96	354.55	324.97	295.79
84.89	54.51	23.79	353.46	323.85	294.55	1	85.81	55.48	24.85	354.55	324.88	295.51
84.49	54.21	23.69	353.46	323.75	294.26	0	85.41	55.18	24.75	354.55	324.79	295.21

356° Sternzeit 23h44min						357° Sternzeit 23h48min						
Asz.	XII	XI	MC	IX	VIII	Br.	Asz.	XII	XI	MC	IX	VIII
127.01	114.15	78.14	355.64	327.79	316.25	64	127.56	114.63	78.78	356.73	328.57	316.89
125.71	112.13	75.06	355.64	327.49	315.45	63	126.28	112.64	75.74	356.73	328.28	316.11
124.45	110.17	72.16	355.64	327.23	314.69	62	125.05	110.70	72.89	356.73	328.03	315.37
123.25	108.27	69.46	355.64	327.00	313.97	61	123.85	108.82	70.22	356.73	327.82	314.67
122.08	106.41	66.93	355.64	326.79	313.30	60	122.71	106.99	67.72	356.73	327.63	314.00
120.95	104.61	64.57	355.64	326.61	312.66	59	121.60	105.21	65.39	356.73	327.46	313.38
119.87	102.87	62.36	355.64	326.46	312.05	58	120.53	103.49	63.20	356.73	327.32	312.79
118.82	101.17	60.29	355.64	326.33	311.48	57	119.49	101.81	61.16	356.73	327.20	312.23
117.80	99.53	58.35	355.64	326.22	310.93	56	118.49	100.18	59.24	356.73	327.10	311.70
116.82	97.93	56.54	355.64	326.13	310.42	55	117.52	98.61	57.44	356.73	327.02	311.20
115.87	96.38	54.84	355.64	326.06	309.93	54	116.58	97.08	55.76	356.73	326.96	310.72
114.95	94.88	53.24	355.64	326.00	309.47	53	115.68	95.59	54.18	356.73	326.91	310.27
114.06	93.43	51.74	355.64	325.95	309.03	52	114.80	94.15	52.69	356.73	326.87	309.84
113.19	92.02	50.33	355.64	325.92	308.62	51	113.94	92.75	51.29	356.73	326.85	309.43
112.36	90.65	49.00	355.64	325.90	308.22	50	113.11	91.40	49.97	356.73	326.83	309.05
111.54	89.32	47.75	355.64	325.89	307.84	49	112.31	90.09	48.72	356.73	326.83	308.68
110.75	88.04	46.57	355.64	325.88	307.49	48	111.53	88.81	47.55	356.73	326.83	308.33
109.98	86.79	45.45	355.64	325.89	307.14	47	110.77	87.58	46.44	356.73	326.84	307.99
109.24	85.58	44.40	355.64	325.90	306.82	46	110.03	86.38	45.39	356.73	326.86	307.67
108.51	84.41	43.40	355.64	325.92	306.50	45	109.31	85.22	44.40	356.73	326.88	307.36
107.80	83.27	42.45	355.64	325.94	306.20	44	108.61	84.09	43.46	356.73	326.91	307.07
107.11	82.17	41.56	355.64	325.97	305.91	43	107.93	83.00	42.57	356.73	326.94	306.79
106.44	81.10	40.71	355.64	326.00	305.64	42	107.26	81.94	41.72	356.73	326.98	306.52
105.78	80.07	39.90	355.64	326.03	305.37	41	106.61	80.91	40.92	356.73	327.01	306.26
105.14	79.06	39.13	355.64	326.07	305.11	40	105.98	79.92	40.15	356.73	327.05	306.00
104.51	78.09	38.40	355.64	326.11	304.86	39	105.36	78.95	39.43	356.73	327.10	305.76
103.90	77.15	37.71	355.64	326.15	304.62	38	104.75	78.02	38.74	356.73	327.14	305.52
103.30	76.23	37.05	355.64	326.19	304.39	37	104.16	77.11	38.08	356.73	327.18	305.29
102.72	75.34	36.42	355.64	326.23	304.16	36	103.57	76.23	37.45	356.73	327.23	305.07
102.14	74.48	35.82	355.64	326.27	303.94	35	103.00	75.37	36.86	356.73	327.27	304.85
101.58	73.65	35.25	355.64	326.31	303.72	34	102.45	74.54	36.29	356.73	327.31	304.64
101.03	72.84	34.70	355.64	326.35	303.51	33	101.90	73.74	35.74	356.73	327.36	304.43
100.49	72.05	34.18	355.64	326.39	303.30	32	101.36	72.96	35.22	356.73	327.40	304.23
99.96	71.29	33.69	355.64	326.43	303.10	31	100.83	72.20	34.73	356.73	327.44	304.02
99.43	70.55	33.22	355.64	326.46	302.90	30	100.31	71.47	34.26	356.73	327.47	303.83
98.92	69.84	32.76	355.64	326.50	302.70	29	99.80	70.75	33.81	356.73	327.51	303.63
98.42	69.14	32.33	355.64	326.53	302.50	28	99.30	70.06	33.38	356.73	327.54	303.43
97.92	68.47	31.92	355.64	326.56	302.30	27	98.81	69.39	32.96	356.73	327.58	303.24
97.43	67.81	31.52	355.64	326.58	302.11	26	98.32	68.74	32.57	356.73	327.60	303.05
96.95	67.18	31.15	355.64	326.61	301.91	25	97.84	68.11	32.20	356.73	327.63	302.85
96.47	66.56	30.79	355.64	326.63	301.72	24	97.37	67.49	31.84	356.73	327.65	302.66
96.00	65.96	30.44	355.64	326.65	301.52	23	96.90	66.90	31.49	356.73	327.67	302.47
95.54	65.38	30.12	355.64	326.66	301.33	22	96.44	66.32	31.17	356.73	327.69	302.27
95.08	64.82	29.80	355.64	326.67	301.13	21	95.99	65.76	30.85	356.73	327.70	302.08
94.63	64.27	29.50	355.64	326.68	300.93	20	95.54	65.22	30.55	356.73	327.71	301.88
94.19	63.74	29.22	355.64	326.68	300.73	19	95.09	64.69	30.27	356.73	327.71	301.68
93.75	63.23	28.94	355.64	326.68	300.53	18	94.65	64.17	29.99	356.73	327.71	301.48
93.31	62.73	28.68	355.64	326.68	300.32	17	94.22	63.68	29.73	356.73	327.71	301.28
92.88	62.24	28.43	355.64	326.67	300.12	16	93.79	63.19	29.49	356.73	327.70	301.07
92.45	61.77	28.20	355.64	326.65	299.91	15	93.36	62.72	29.25	356.73	327.69	300.86
92.02	61.31	27.97	355.64	326.64	299.69	14	92.94	62.27	29.02	356.73	327.67	300.65
91.60	60.87	27.76	355.64	326.61	299.47	13	92.51	61.83	28.81	356.73	327.65	300.43
91.18	60.44	27.55	355.64	326.59	299.25	12	92.10	61.40	28.61	356.73	327.62	300.21
90.77	60.02	27.36	355.64	326.55	299.03	11	91.68	60.98	28.41	356.73	327.59	299.98
90.35	59.61	27.17	355.64	326.52	298.79	10	91.27	60.57	28.23	356.73	327.55	299.75
89.94	59.22	27.00	355.64	326.47	298.56	9	90.86	60.18	28.05	356.73	327.51	299.52
89.54	58.84	26.83	355.64	326.42	298.32	8	90.45	59.80	27.88	356.73	327.46	299.28
89.13	58.47	26.67	355.64	326.37	298.07	7	90.05	59.43	27.73	356.73	327.41	299.03
88.73	58.10	26.53	355.64	326.31	297.82	6	89.64	59.07	27.58	356.73	327.35	298.78
88.32	57.75	26.38	355.64	326.25	297.56	5	89.24	58.72	27.44	356.73	327.29	298.52
87.92	57.41	26.25	355.64	326.17	297.30	4	88.84	58.38	27.31	356.73	327.21	298.25
87.52	57.08	26.13	355.64	326.10	297.02	3	88.44	58.05	27.18	356.73	327.14	297.98
87.12	56.76	26.01	355.64	326.01	296.75	2	88.04	57.73	27.06	356.73	327.05	297.70
86.73	56.45	25.90	355.64	325.92	296.46	1	87.65	57.42	26.95	356.73	326.96	297.42
86.33	56.15	25.80	355.64	325.83	296.17	0	87.25	57.11	26.85	356.73	326.87	297.12

358°		Sternzeit				23h52min
Asz.	XII	XI	MC	IX	VIII	Br.
128.11	115.11	79.41	357.82	329.34	317.53	64
126.85	113.14	76.42	357.82	329.07	316.76	63
125.63	111.23	73.60	357.82	328.84	316.04	62
124.46	109.37	70.97	357.82	328.64	315.36	61
123.33	107.56	68.51	357.82	328.46	314.71	60
122.24	105.81	66.20	357.82	328.31	314.10	59
121.18	104.10	64.04	357.82	328.18	313.52	58
120.16	102.45	62.02	357.82	328.07	312.98	57
119.17	100.84	60.12	357.82	327.99	312.46	56
118.22	99.28	58.34	357.82	327.91	311.97	55
117.29	97.77	56.67	357.82	327.86	311.50	54
116.40	96.30	55.10	357.82	327.82	311.06	53
115.53	94.87	53.63	357.82	327.79	310.64	52
114.69	93.49	52.24	357.82	327.77	310.25	51
113.87	92.15	50.93	357.82	327.76	309.87	50
113.08	90.85	49.69	357.82	327.77	309.51	49
112.30	89.59	48.53	357.82	327.78	309.17	48
111.55	88.36	47.43	357.82	327.79	308.84	47
110.82	87.18	46.38	357.82	327.82	308.52	46
110.11	86.03	45.40	357.82	327.84	308.22	45
109.42	84.91	44.46	357.82	327.88	307.94	44
108.74	83.83	43.57	357.82	327.91	307.66	43
108.08	82.78	42.73	357.82	327.95	307.40	42
107.44	81.76	41.93	357.82	328.00	307.14	41
106.81	80.77	41.17	357.82	328.04	306.89	40
106.19	79.81	40.45	357.82	328.08	306.65	39
105.59	78.88	39.76	357.82	328.13	306.42	38
105.00	77.98	39.11	357.82	328.18	306.20	37
104.43	77.11	38.48	357.82	328.23	305.98	36
103.86	76.26	37.89	357.82	328.27	305.76	35
103.31	75.43	37.32	357.82	328.32	305.55	34
102.76	74.63	36.78	357.82	328.36	305.35	33
102.23	73.86	36.26	357.82	328.41	305.15	32
101.71	73.11	35.77	357.82	328.45	304.95	31
101.19	72.38	35.30	357.82	328.49	304.75	30
100.69	71.67	34.85	357.82	328.53	304.56	29
100.19	70.98	34.42	357.82	328.56	304.37	28
99.70	70.31	34.01	357.82	328.60	304.17	27
99.21	69.66	33.62	357.82	328.63	303.98	26
98.73	69.04	33.24	357.82	328.65	303.79	25
98.26	68.43	32.88	357.82	328.68	303.60	24
97.80	67.83	32.54	357.82	328.70	303.41	23
97.34	67.26	32.21	357.82	328.72	303.22	22
96.89	66.70	31.90	357.82	328.73	303.02	21
96.44	66.16	31.60	357.82	328.74	302.83	20
96.00	65.63	31.32	357.82	328.74	302.63	19
95.56	65.12	31.05	357.82	328.75	302.43	18
95.13	64.62	30.79	357.82	328.74	302.23	17
94.70	64.14	30.54	357.82	328.74	302.02	16
94.27	63.68	30.30	357.82	328.72	301.81	15
93.85	63.22	30.08	357.82	328.71	301.60	14
93.43	62.78	29.86	357.82	328.69	301.38	13
93.01	62.35	29.66	357.82	328.66	301.16	12
92.60	61.94	29.46	357.82	328.63	300.94	11
92.19	61.53	29.28	357.82	328.59	300.71	10
91.78	61.14	29.10	357.82	328.55	300.47	9
91.37	60.76	28.94	357.82	328.50	300.23	8
90.97	60.39	28.78	357.82	328.45	299.99	7
90.56	60.03	28.63	357.82	328.39	299.74	6
90.16	59.68	28.49	357.82	328.33	299.48	5
89.76	59.34	28.36	357.82	328.26	299.21	4
89.36	59.01	28.23	357.82	328.18	298.94	3
88.96	58.69	28.12	357.82	328.10	298.66	2
88.56	58.38	28.01	357.82	328.01	298.38	1
88.17	58.08	27.90	357.82	327.91	298.08	0

359°		Sternzeit				23h56min
Asz.	XII	XI	MC	IX	VIII	Br.
128.66	115.59	80.05	358.91	330.11	318.17	64
127.42	113.65	77.09	358.91	329.86	317.42	63
126.22	111.76	74.32	358.91	329.65	316.71	62
125.07	109.92	71.72	358.91	329.46	316.05	61
123.95	108.14	69.29	358.91	329.29	315.42	60
122.88	106.40	67.01	358.91	329.16	314.82	59
121.84	104.72	64.88	358.91	329.04	314.26	58
120.83	103.08	62.88	358.91	328.94	313.72	57
119.86	101.49	61.00	358.91	328.87	313.22	56
118.92	99.95	59.24	358.91	328.81	312.74	55
118.00	98.45	57.58	358.91	328.76	312.29	54
117.12	97.00	56.03	358.91	328.73	311.85	53
116.26	95.59	54.56	358.91	328.71	311.45	52
115.43	94.22	53.19	358.91	328.70	311.06	51
114.62	92.89	51.89	358.91	328.70	310.69	50
113.84	91.61	50.66	358.91	328.71	310.34	49
113.08	90.36	49.50	358.91	328.72	310.00	48
112.33	89.14	48.41	358.91	328.74	309.68	47
111.61	87.97	47.37	358.91	328.77	309.38	46
110.91	86.83	46.39	358.91	328.81	309.08	45
110.22	85.72	45.46	358.91	328.84	308.80	44
109.55	84.65	44.58	358.91	328.89	308.53	43
108.90	83.61	43.74	358.91	328.93	308.27	42
108.26	82.60	42.94	358.91	328.98	308.02	41
107.64	81.62	42.19	358.91	329.02	307.78	40
107.03	80.67	41.47	358.91	329.07	307.55	39
106.43	79.74	40.78	358.91	329.12	307.32	38
105.85	78.85	40.13	358.91	329.17	307.10	37
105.28	77.98	39.51	358.91	329.22	306.88	36
104.72	77.14	38.92	358.91	329.27	306.67	35
104.17	76.32	38.35	358.91	329.32	306.47	34
103.63	75.53	37.81	358.91	329.37	306.27	33
103.10	74.75	37.30	358.91	329.42	306.07	32
102.58	74.01	36.81	358.91	329.46	305.87	31
102.07	73.28	36.34	358.91	329.50	305.68	30
101.56	72.58	35.89	358.91	329.54	305.49	29
101.07	71.89	35.46	358.91	329.58	305.30	28
100.58	71.23	35.05	358.91	329.62	305.11	27
100.10	70.59	34.66	358.91	329.65	304.92	26
99.62	69.96	34.28	358.91	329.68	304.73	25
99.16	69.35	33.93	358.91	329.70	304.54	24
98.69	68.76	33.59	358.91	329.73	304.35	23
98.24	68.19	33.26	358.91	329.74	304.16	22
97.79	67.64	32.95	358.91	329.76	303.97	21
97.34	67.10	32.65	358.91	329.77	303.78	20
96.90	66.57	32.37	358.91	329.78	303.58	19
96.46	66.06	32.09	358.91	329.78	303.38	18
96.03	65.57	31.83	358.91	329.78	303.18	17
95.60	65.09	31.59	358.91	329.77	302.98	16
95.18	64.63	31.35	358.91	329.76	302.77	15
94.76	64.17	31.13	358.91	329.74	302.56	14
94.34	63.73	30.91	358.91	329.72	302.34	13
93.92	63.31	30.71	358.91	329.70	302.12	12
93.51	62.89	30.51	358.91	329.67	301.90	11
93.10	62.49	30.33	358.91	329.63	301.67	10
92.69	62.10	30.15	358.91	329.59	301.43	9
92.29	61.72	29.99	358.91	329.54	301.19	8
91.88	61.35	29.83	358.91	329.49	300.95	7
91.48	60.99	29.68	358.91	329.43	300.69	6
91.08	60.64	29.54	358.91	329.37	300.44	5
90.68	60.30	29.41	358.91	329.30	300.17	4
90.28	59.97	29.28	358.91	329.22	299.90	3
89.88	59.65	29.17	358.91	329.14	299.62	2
89.48	59.34	29.06	358.91	329.05	299.33	1
89.08	59.04	28.95	358.91	328.95	299.04	0

Br.	360° Sternzeit 24h 0min					
	Asz.	XII	XI	MC	IX	VIII
64	129.21	116.07	80.68	0.00	330.89	318.81
63	127.99	114.15	77.77	0.00	330.66	318.08
62	126.81	112.29	75.04	0.00	330.45	317.39
61	125.68	110.47	72.47	0.00	330.28	316.74
60	124.58	108.71	70.07	0.00	330.13	316.12
59	123.52	107.00	67.82	0.00	330.00	315.54
58	122.49	105.33	65.71	0.00	329.90	314.99
57	121.50	103.71	63.73	0.00	329.81	314.47
56	120.54	102.14	61.87	0.00	329.75	313.97
55	119.61	100.62	60.13	0.00	329.70	313.51
54	118.71	99.14	58.49	0.00	329.66	313.07
53	117.84	97.70	56.95	0.00	329.64	312.65
52	116.99	96.30	55.50	0.00	329.62	312.25
51	116.17	94.95	54.13	0.00	329.62	311.87
50	115.37	93.63	52.84	0.00	329.63	311.51
49	114.60	92.36	51.62	0.00	329.64	311.17
48	113.84	91.12	50.47	0.00	329.67	310.84
47	113.11	89.92	49.38	0.00	329.70	310.53
46	112.40	88.76	48.35	0.00	329.73	310.23
45	111.70	87.63	47.38	0.00	329.77	309.94
44	111.02	86.53	46.45	0.00	329.81	309.67
43	110.36	85.47	45.58	0.00	329.86	309.40
42	109.71	84.43	44.74	0.00	329.91	309.15
41	109.08	83.43	43.95	0.00	329.96	308.90
40	108.47	82.46	43.20	0.00	330.01	308.67
39	107.86	81.52	42.48	0.00	330.06	308.44
38	107.27	80.60	41.80	0.00	330.12	308.22
37	106.69	79.71	41.15	0.00	330.17	308.00
36	106.13	78.85	40.53	0.00	330.22	307.79
35	105.57	78.01	39.94	0.00	330.28	307.58
34	105.03	77.20	39.38	0.00	330.33	307.38
33	104.49	76.41	38.84	0.00	330.38	307.18
32	103.96	75.65	38.33	0.00	330.43	306.99
31	103.45	74.91	37.84	0.00	330.47	306.79
30	102.94	74.18	37.37	0.00	330.52	306.60
29	102.44	73.48	36.92	0.00	330.56	306.42
28	101.95	72.80	36.50	0.00	330.60	306.23
27	101.46	72.14	36.09	0.00	330.64	306.04
26	100.98	71.50	35.70	0.00	330.67	305.86
25	100.51	70.88	35.33	0.00	330.70	305.67
24	100.05	70.28	34.97	0.00	330.73	305.48
23	99.59	69.69	34.63	0.00	330.75	305.29
22	99.13	69.12	34.30	0.00	330.77	305.11
21	98.69	68.57	33.99	0.00	330.79	304.92
20	98.24	68.03	33.69	0.00	330.80	304.72
19	97.80	67.51	33.41	0.00	330.81	304.53
18	97.37	67.01	33.14	0.00	330.81	304.33
17	96.94	66.51	32.88	0.00	330.81	304.13
16	96.51	66.04	32.63	0.00	330.81	303.93
15	96.09	65.57	32.40	0.00	330.80	303.72
14	95.67	65.12	32.17	0.00	330.78	303.51
13	95.25	64.68	31.96	0.00	330.76	303.30
12	94.83	64.26	31.76	0.00	330.74	303.08
11	94.42	63.85	31.56	0.00	330.71	302.85
10	94.01	63.44	31.38	0.00	330.67	302.63
9	93.61	63.05	31.20	0.00	330.63	302.39
8	93.20	62.67	31.04	0.00	330.59	302.15
7	92.80	62.31	30.88	0.00	330.54	301.91
6	92.40	61.95	30.73	0.00	330.48	301.65
5	91.99	61.60	30.59	0.00	330.41	301.40
4	91.59	61.26	30.46	0.00	330.34	301.13
3	91.19	60.93	30.33	0.00	330.27	300.86
2	90.80	60.61	30.21	0.00	330.19	300.58
1	90.40	60.30	30.10	0.00	330.10	300.29
0	90.00	60.00	30.00	0.00	330.00	300.00



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