



書誌第681號

昭和23年
1948

天測曆

NAUTICAL ALMANAC

航海曆は都合により當分の間休刊して、その一部を天測略曆末尾に合輯してある。



水路部

HYDROGRAPHIC DEPARTMENT, JAPAN

始



昭和23年 天測曆正誤表

頁	索引	誤	正
33	2月1日 月のd 15 ^h , 15.5 ^h	不明	46'8, 58'5
38	2月6日 木星のd 20 ^h , 22 ^h	42'2, 42'1	42'1, 42'2
63	3月2日 恒星No.17 α Cor. Bor. のE _h	不明	19 ^h 6 ^m 16 ^s
63~77	3月2日~3月16日 恒星No.7 Schedir のE _h	9 ^h	10 ^h
78~81	3月17日~3月20日 恒星No.7 Schedir のE _h	9 ^h	11 ^h
102	4月10日 月のd 75 ^h , 8 ^h , 85 ^h	56'4 9° 3'3 10° 10'2	9° 56'4 10° 3'3 10° 10'2
142	5月20日 恒星No.42 α Centauri のE _h	不明	1 ^h 14 ^m 8 ^s
156	6月3日 R	不明	16 ^h 45 ^m 25 ^s
157	6月4日 金星のE _p 比例部分 0 ^h 40 ^m	6 ^s	7 ^s
160	6月7日 恒星No.5 Merak のE _h	5 ^h 2 ^m 27 ^s	6 ^h 2 ^m 27 ^s
165	6月12日 土星のE _p 18 ^h	不明	7 ^h 58 ^m 51 ^s
170	6月17日 恒星No.33 Antares のE _h	不明	1 ^h 14 ^m 22 ^s
177	6月24日 月のE _t 19 ^h	不明	21 ^h 15 ^m 55 ^s
182	6月29日 恒星No.36 λ Scorpii のd	S 57° 4'2	S 37° 4'2
199	7月16日 月のd 比例部分 下段の6 ^h , 11 ^h	0'8, 1'5	0'9, 1'6
200	7月17日 木星のE _p 8 ^h	不明	2 ^h 21 ^m 45 ^s
212	7月29日 火星のE _p 2 ^h	不明	8 ^h 0 ^m 30 ^s
213	7月30日 火星のE _p 18 ^h	8 ^h 3 ^m 23 ^s	8 ^h 3 ^m 25 ^s
215	8月1日 R	2 ^h 38 ^m 2 ^s	2 ^h 38 ^m 2 ^s
221	8月7日 恒星No.20 Markab のE _h	22 ^h 59 ^m 29 ^s	21 ^h 59 ^m 29 ^s
277	10月2日 恒星No.40 β Crucis のE _h	10 ^h 57 ^m 50 ^s	11 ^h 57 ^m 50 ^s
278	10月3日 太陽のE _h 0 ^h	12 ^h 10 ^m 49 ^s	12 ^h 10 ^m 50 ^s
311	11月5日 月のd 比例部分 下段 16 ^h , 17 ^h	0'2, 0'2	0'3, 0'3
319	11月13日 月のE _t 0 ^h	2 ^h 57 ^m 12 ^s	2 ^h 57 ^m 2 ^s
324	11月18日 月のE _t 24 ^h	不明	22 ^h 19 ^m 58 ^s
327	11月21日 右下欄 金星の赤経	13 ^h 28 ^m	13 ^h 31 ^m
327	11月21日 月のd 比例部分 下段 22 ^h	2'1	2'8
329	11月23日 恒星No.28 Rigel のE _h	不明	22 ^h 55 ^m 24 ^s
334	11月28日 恒星No.37 Canopus のE _h	不明	22 ^h 4 ^m 21 ^s
338	12月2日 恒星No.3 Dubhe のE _h	17 ^h 42 ^m 28 ^s	17 ^h 42 ^m 23 ^s
340	12月4日 恒星No.45 β Carinae のE _h	不明	19 ^h 38 ^m 12 ^s
348	12月12日 木星のE _p 比例部分 1 ^h 50 ^m , 2 ^h 0 ^m	15 ^s , 14 ^s	14 ^s , 15 ^s

書誌第681號

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558.38
Ka192t

昭和23年

天測曆

緒言

本書は天文航海専用のものである。
太陽、恒星は勿論、月、惑星でも晝夜を問わないで努めて利用し、同時天測を行うのに便利なように編纂した。
日、月出没時表等一般航海者に必要な補助表である航海曆は都合によつて當分の間休刊してその一部を天測略曆末尾に合輯してある。
昭和21年の(昭和22年は休刊)ものと比較して本書の記載事項について改変した點はない。
本書所掲の諸元は天體位置を始め悉く當部の獨立推算による資料を用いて編纂した。

昭和22年4月

發行所
水
路
部



水 路 部

七 曜 表

紀元 2608年
昭和 23年 周年
西曆 1948年

1	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 月 1四方拜 3元始祭 4政治始 5新年宴會 11期 25望	4	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 月 3神武天皇祭 29天長節 9期 23望	7	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 月 7期 21望	10	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 月 17神嘗祭 3期 18望
2	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 月 11紀元節 4部分 5立春 10期 25望	5	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 月 5立夏 9期 23望	8	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 月 8立秋 5期 20望	11	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 月 3明治節 23新嘗祭 7立冬 1期 17望
3	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 月 21(春分)春季皇靈祭 11期 25望	6	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 月 11入梅 21夏至 7期 21望	9	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 月 1二百十日 23(秋分)秋季皇靈祭 3期 18望	12	日月火水木金土 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 月 22冬至 25大正天皇祭 1期 16望 30期

日本紀元西曆對照表

年號	皇紀	西曆	年號	皇紀	西曆	年號	皇紀	西曆	年號	皇紀	西曆	年號	皇紀	西曆
明治元年	2528年	1868年	明治33年	2560年	1900年	大正10年	2581年	1921年	昭和11年	2596年	1936年			
3	2530	1870	35	2562	1902	11	2582	1922	12	2597	1937			
5	2532	1872	37	2564	1904	12	2583	1923	13	2598	1938			
7	2534	1874	39	2566	1906	13	2584	1924	14	2599	1939			
9	2536	1876	41	2568	1908	14	2585	1925	15	2600	1940			
11	2538	1878	43	2570	1910	大正15	2586	1926	16	2601	1941			
13	2540	1880	明治45	2572	1912	昭和元	2	2587	1927	17	2602	1942		
15	2542	1882	大正元	2574	1914	3	2588	1928	18	2603	1943			
17	2544	1884	2	2575	1915	4	2589	1929	19	2604	1944			
19	2546	1886	3	2576	1916	5	2590	1930	20	2605	1945			
21	2548	1888	4	2577	1917	6	2591	1931	21	2606	1946			
23	2550	1890	5	2578	1918	7	2592	1932	22	2607	1947			
25	2552	1892	6	2579	1919	8	2593	1933	昭和23年	2608年	1948年			
27	2554	1894	7	2580	1920年	9	2594	1934						
29	2556	1896	8	2581年	1921年	10	2595年	1935年						
明治31年	2558年	1898年	大正9年	2580年	1920年	昭和10年	2595年	1935年						

天 測 曆

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天體位置表の内容

☉ 太陽 E_s, d (毎2時値) 及 d の比例部分
視半徑 (0時値)
✳ 恒星 常用恒星 45 個の E_s, d (0時値)
本初子午線における R_s (0時値)
♁ 惑星 E_p, d (毎2時値) 及 E_p, d の比例部分
赤經、光度、地平視差、視半徑 (0時値) (但し水星は4日間の平均値及離隔)
☾ 月 E_l, d (毎30分値) 及 E_l, d の比例部分
地平視差、視半徑 (3時、9時、15時、21時値)
月齡 (毎日正子)
 E_s 比例部分表 (奇數月最初頁)

略語記號及算式

平時	M. T.	太 陽	☉
世界時 (綠威平時)	U (G. M. T.)	月	☾
地方平時	P. M. T.	恒 星	✳
視時	A. T.	惑 星	♁
地方視時	P. A. T.	水 星	♁
本初子午線正中時	G. M. P.	金 星	♀
赤經	R. A.	火 星	♂
平均太陽赤經	R. A. M. S.	木 星	♃
經度	L (Long.)	土 星	♄
經度時	L in T. (Long. in T.)		
經差	$D. L$ (D. Long.)		
變經	$V. L$ (V. Long.)		
赤緯	d (Dec.)		
緯度	l (Lat.)		
緯差	$D. l$ (D. Lat.)		
變緯	$V. l$ (V. Lat.)		
時角	h (H. A.)		
本初時角 (綠威時角)	h_0 (G. H. A.)		
太陽時角	H. A. A. S.		
平均太陽時角	H. A. M. S.		
時差率	E. T.		
光度	Mag.		
視半徑	S. D.		
地平視差	H. P.		
方位角	Z		
眼高差	Dip		
東	E		
西	W		
南	S		
北	N		
經線儀	Chro.		
經線儀原差	O. E.		

$E_s = -12^h + E. T. + (24^h)$

$E_l = R - R. A. ☾ + (24^h)$

$E_p = R - R. A. ♁ + (24^h)$

$E_s = R - R. A. ✳ + (24^h)$

$R = -12^h + R. A. M. S. + (24^h)$

$h_0 = U (G. M. T.) + E$

$h_0 ☉ = U + E_s$

$h_0 ☾ = U + E_l$

$h_0 ♁ = U + E_p$

$h_0 ✳ = U + E_s$

Main table for 1月1日 containing star data, planetary positions, and astronomical constants. Includes sections for Sun, Venus, Mars, Jupiter, Saturn, and Uranus/Neptune. Lists stars like Polaris, Kochab, Dubhe, etc., with their coordinates and magnitudes.

Main table for 1月2日 containing star data, planetary positions, and astronomical constants. Similar to page 2, listing stars and planetary positions for the second day.

星の比例部分 table (Table of Star Proportions). Contains a grid of data for stars U, m, and m', likely used for astronomical calculations or observations.

Main astronomical data table for January 3rd, 1934. Includes sections for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and stars (P 惑星). Contains columns for Right Ascension (α), Declination (δ), and magnitude (m).

星の比例部分 (Star Proportions) table. A grid showing proportions for various stars across different magnitudes (m) and positions (h, m, s).

Main astronomical data table for January 4th, 1934. Includes sections for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and stars (P 惑星). Contains columns for Right Ascension (α), Declination (δ), and magnitude (m).

Table with columns for Sun (太陽), Planets (惑星), and Moon (月). Includes right ascension (α), declination (δ), and magnitude (m) data for various celestial objects.

Table for stars (恒星) with columns for right ascension (α), declination (δ), and magnitude (m). Lists stars like Polaris, Kochab, Dabke, etc.

Table for constellations (十二星座) with columns for right ascension (α), declination (δ), and magnitude (m). Lists stars like Deneb, Vega, Altair, etc.

Table for planets (惑星) with columns for right ascension (α), declination (δ), and magnitude (m). Lists stars like Sirius, Betelgeuse, etc.

Table with columns for Sun (太陽), Planets (惑星), and Moon (月). Includes right ascension (α), declination (δ), and magnitude (m) data.

Table for stars (恒星) with columns for right ascension (α), declination (δ), and magnitude (m). Lists stars like Polaris, Kochab, etc.

Table for constellations (十二星座) with columns for right ascension (α), declination (δ), and magnitude (m). Lists stars like Deneb, Vega, etc.

Table for planets (惑星) with columns for right ascension (α), declination (δ), and magnitude (m). Lists stars like Sirius, Betelgeuse, etc.

Summary table for Planets (惑星) listing names, RA, Mag, H.P., and S.D. for various planets.

Table for January 7, 1934. Includes sections for Sun (太陽), Stars (星), Planets (惑星), and a list of stars with their coordinates and magnitudes. Sub-sections include ♀金星, ♂火星, ♃木星, and ♄土星.

Table for January 8, 1934. Includes sections for Sun (太陽), Stars (星), Planets (惑星), and a list of stars with their coordinates and magnitudes. Sub-sections include ♀金星, ♂火星, ♃木星, and ♄土星.

☉ 太陽				♃ 木星				♄ 土星				♅ 金星				♁ 火星				♂ 水星				♀ 金星											
U	E	d	dの比例部分	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "
0 11 53.22	S22 17.1	0 0	0.0	0 20 27.8	N12 3.9	0 0	0.0	0 14 6.47	S22 15.5	0 0	0.0	0 13 44.51	S25 45.2	1 2	0.1	0 9 42.36	S16 50.4	0 0	0.0	0 13 44.51	S25 45.2	1 2	0.1	0 11 53.22	S22 17.1	0 0	0.0	0 20 27.8	N12 3.9	0 0	0.0	0 13 44.51	S25 45.2	1 2	0.1

☉ 太陽				♃ 木星				♄ 土星				♅ 金星				♁ 火星				♂ 水星				♀ 金星															
U	E	d	dの比例部分	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "
0 11 52.56	S22 8.9	0 0	0.0	0 21 32.32	N15 25.0	0 0	0.0	0 14 9.50	S22 16.7	0 0	0.0	0 12 55.5	S26 47.4	1 2	0.0	0 20 31.4	N12 6.1	0 0	0.0	0 12 55.5	S26 47.4	1 2	0.0	0 11 52.56	S22 8.9	0 0	0.0	0 21 32.32	N15 25.0	0 0	0.0	0 14 9.50	S22 16.7	0 0	0.0	0 12 55.5	S26 47.4	1 2	0.0

Table with columns for Sun (太陽), Stars (星), Planets (惑星), Moon (月), and various astronomical data including coordinates, magnitudes, and proper motions.

Table with columns for Sun (太陽), Stars (星), Planets (惑星), Moon (月), and various astronomical data, including a list of stars and planetary positions for January 12, 1934.

Table of astronomical data for January 13, 1934. Includes columns for celestial coordinates (U, E, d), magnitude, and celestial objects. Features sections for Venus (♀金星), Mars (♂火星), Jupiter (♃木星), Saturn (♄土星), and a table of fixed stars (No. 米恒星) with their respective magnitudes and coordinates.

Table of astronomical data for January 14, 1934. Similar to the first page, it contains celestial coordinates, magnitude, and object names. Includes sections for Venus (♀金星), Mars (♂火星), Jupiter (♃木星), Saturn (♄土星), and a table of fixed stars (No. 米恒星).

Table with columns for Sun (太陽), Planets (惑星), and Moon (月). Includes sub-tables for constellation parts (比例部分) and star magnitudes (星の等級).

Table for star magnitudes (星の等級) with columns for No. (No.), Star Name (恒星), and magnitude (等級).

Table for constellation parts (比例部分) with columns for constellation name (星座), star name (恒星), and magnitude (等級).

Table for planetary positions (惑星) with columns for planet name (惑星), RA (赤經), Mag (光度), and other parameters.

Table with columns for Sun (太陽), Planets (惑星), and Moon (月). Includes sub-tables for constellation parts (比例部分) and star magnitudes (星の等級).

Table for star magnitudes (星の等級) with columns for No. (No.), Star Name (恒星), and magnitude (等級).

Table for constellation parts (比例部分) with columns for constellation name (星座), star name (恒星), and magnitude (等級).

Table for planetary positions (惑星) with columns for planet name (惑星), RA (赤經), Mag (光度), and other parameters.

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including magnitude (E), distance (d), and position (h, m, s).

(観半徑 S.D. 16 17)

Table for No. 水恒星 (Water Stars) listing stars like Polaris, Kochab, Dabke, etc., with their magnitudes and positions.

Table for 24 木星 (24 Jupiter) listing stars like Pollux, Cor. Bor., Arcturus, etc., with their magnitudes and positions.

Table for 土星 (Saturn) listing stars like Sirius, Ceti, Antares, etc., with their magnitudes and positions.

Table for P 惑星 (P Planets) listing Venus, Mars, Jupiter, and Saturn with their R.A., Mag., H.P., and S.D.

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including magnitude (E), distance (d), and position (h, m, s).

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Table for P 惑星 (P Planets) listing Venus, Mars, Jupiter, and Saturn with their R.A., Mag., H.P., and S.D.

◎ 太陽				P 惑星				☾ 月 月 齢 7.7			
U	E	d	d の比例部分	U	E	d	E d	U	E	d	E d
h h m s	° ′	h m s		♀ 金星				h h m s	° ′	m s	
0 11 49 35	S20 36.2	0 0	0.0	0 6 23 22	N 6 24.6	1 2	0.2	0 6 23 22	N 6 24.6	1 2	0.2
2 49 33	35.2	10	1	1 21 38	31.6	2 4	5	1 21 38	31.6	2 4	5
4 49 32	34.2	20	2	2 20 46	38.5	3 5	7	2 20 46	38.5	3 5	7
6 49 30	33.2	30	3	3 19 54	45.4	4 7	9	3 19 54	45.4	4 7	9
8 49 29	32.2	40	3	4 19 2	52.4	5 9	1.2	4 19 2	52.4	5 9	1.2
10 49 27	31.2	0 50	4	5 17 17	59.4	6 11	4	5 17 17	59.4	6 11	4
12 11 49 25	S20 30.1	1 0	0.5	6 18 9	6.3	7 12	6	6 18 9	6.3	7 12	6
14 49 24	29.1	10	6	7 17 17	13.2	8 14	1.8	7 17 17	13.2	8 14	1.8
16 49 22	28.1	20	7	8 16 25	20.2	9 16	2.1	8 16 25	20.2	9 16	2.1
18 49 21	27.0	30	8	9 15 32	27.1	10 18	3	9 15 32	27.1	10 18	3
20 49 19	26.0	40	8	10 14 40	34.0	11 19	5	10 14 40	34.0	11 19	5
22 49 18	25.0	1 50	0.9	11 13 47	40.9	12 21	2.8	11 13 47	40.9	12 21	2.8
24 11 49 16	S20 23.9	2 0	1.0	12 13 47	40.9	13 23	3.0	12 13 47	40.9	13 23	3.0

U=0h の値				♂ 火星			
No.	恒星	E	d	h h m s	° ′	m s	
1	Polaris	6 2 9	N 89 1.5	0 21 8 43	N 12 39.4	0 0	0 0 0
2	Kochab	16 58 24	74 21.7	2 9 5	39.8	10	2 0
3	Dubhe	20 48 40	62 1.8	4 9 27	40.2	20	4 1
4	β Cassiop.	7 42 52	58 52.0	6 9 49	40.7	30	6 1
5	Merak	20 50 29	56 39.5	8 10 12	41.1	40	7 1

♁ 木星			
h h m s	° ′	m s	
0 14 37 26	S 22 26.9	0 0	0 0 0
2 37 41	27.0	10	1 0
4 37 57	27.1	20	3 0
6 38 12	27.1	30	4 0
8 38 28	27.2	40	5 0
10 38 43	27.3	0 50	6 0

♃ 土星			
h h m s	° ′	m s	
0 22 14 31	N 15 39.3	0 0	0 0 0
2 14 52	39.4	10	2 0
4 15 13	39.6	20	4 0
6 15 35	39.7	30	5 0
8 15 56	39.8	40	7 0
10 16 17	39.9	0 50	9 0

P 惑星			
星名	赤經 R.A.	光度 Mag.	地平高度 H.P.
♀金星	22 15	-3.4	0.1
♂火星	10 41	-0.4	0.2
♁木星	17 12	-1.4	0.0
♃土星	9 35	+0.3	0.0

Ro 7 49 13

◎ 太陽				P 惑星				☾ 月 月 齢 8.7			
U	E	d	d の比例部分	U	E	d	E d	U	E	d	E d
h h m s	° ′	h m s		♀ 金星				h h m s	° ′	m s	
0 11 49 16	S 20 23.9	0 0	0.0	0 6 23 22	N 6 24.6	1 2	0.2	0 5 40 30	N 11 53.2	1 2	0.2
2 49 14	22.9	10	1	1 21 38	31.6	2 4	5	1 38 39	12 6.5	3 6	7
4 49 13	21.8	20	2	2 20 46	38.5	3 5	7	2 37 43	13.2	4 8	0.9
6 49 11	20.8	30	3	3 19 54	45.4	4 7	9	2 36 47	19.8	5 10	1.1
8 49 10	19.7	40	4	4 19 2	52.4	5 9	1.2	2 35 52	26.5	6 11	3
10 49 8	18.7	0 50	5	5 17 17	59.4	6 11	4	2 34 56	33.1	7 13	5
12 11 49 7	S 20 17.6	1 0	0.6	6 18 9	6.3	7 12	6	2 33 59	39.7	8 15	1.8
14 49 5	16.6	10	6	7 17 17	13.2	8 14	1.8	2 33 3	46.3	9 17	2.0
16 49 4	15.5	20	7	8 16 25	20.2	9 16	2.1	2 32 7	52.9	10 19	2
18 49 2	14.4	30	8	9 15 32	27.1	10 18	3	2 31 11	59.5	11 21	4
20 49 1	13.4	40	9	10 14 40	34.0	11 19	5	2 30 14	66.1	12 23	6
22 48 59	12.3	1 50	1.0	11 13 47	40.9	12 21	2.8	2 29 18	72.7	13 25	2.9
24 11 48 58	S 20 11.2	2 0	1.1	12 13 47	40.9	13 23	3.0	2 28 21	79.3	14 27	3.1

U=0h の値				♂ 火星			
No.	恒星	E	d	h h m s	° ′	m s	
1	Polaris	6 6 7	N 89 1.5	0 21 13 9	N 12 44.5	0 0	0 0 0
2	Kochab	17 2 20	74 21.7	2 13 32	44.9	10	2 0
3	Dubhe	20 52 36	62 1.8	4 13 54	45.4	20	4 1
4	β Cassiop.	7 46 49	58 52.0	6 14 17	45.8	30	6 1
5	Merak	20 54 26	56 39.5	8 14 39	46.3	40	8 1

♁ 木星			
h h m s	° ′	m s	
0 14 40 31	S 22 27.9	0 0	0 0 0
2 40 47	28.0	10	1 0
4 41 2	28.1	20	3 0
6 41 18	28.1	30	4 0
8 41 33	28.2	40	5 0
10 41 48	28.3	0 50	7 0

♃ 土星			
h h m s	° ′	m s	
0 22 18 45	N 15 40.8	0 0	0 0 0
2 19 6	41.0	10	2 0
4 19 27	41.1	20	4 0
6 19 48	41.2	30	5 0
8 20 9	41.3	40	7 0
10 20 30	41.5	0 50	9 0

P 惑星			
星名	赤經 R.A.	光度 Mag.	地平高度 H.P.
♀金星	22 20	-3.4	0.1
♂火星	10 40	-0.5	0.2
♁木星	17 13	-1.4	0.0
♃土星	9 34	+0.3	0.0

Ro 7 53 10

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including right ascension, declination, and magnitude data.

(観半徑 S.D. 16 17)

No. 米恒星 U=0h の値

Table listing star names (e.g., Polaris, Kochab) and their U=0h values.

R0 h m s / l b l

Table for Venus (金星) with columns for right ascension, declination, and magnitude.

(H.P. 57.9, S.D. 15 46)

No. 米恒星 U=0h の値

Table listing star names (e.g., Polaris, Kochab) and their U=0h values.

R0 h m s / l b l

Table for Mars (火星) with columns for right ascension, declination, and magnitude.

(H.P. 58.1, S.D. 15 50)

No. 米恒星 U=0h の値

Table listing star names (e.g., Polaris, Kochab) and their U=0h values.

R0 h m s / l b l

P 惑星

Table for planets (金星, 火星, 木星, 土星) with columns for name, R.A., magnitude, and H.P./S.D.

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including right ascension, declination, and magnitude data.

(観半徑 S.D. 16 17)

No. 米恒星 U=0h の値

Table listing star names (e.g., Polaris, Kochab) and their U=0h values.

R0 h m s / l b l

Table for Venus (金星) with columns for right ascension, declination, and magnitude.

(H.P. 58.8, S.D. 16 2)

No. 米恒星 U=0h の値

Table listing star names (e.g., Polaris, Kochab) and their U=0h values.

R0 h m s / l b l

Table for Mars (火星) with columns for right ascension, declination, and magnitude.

(H.P. 59.1, S.D. 16 6)

No. 米恒星 U=0h の値

Table listing star names (e.g., Polaris, Kochab) and their U=0h values.

R0 h m s / l b l

P 惑星

Table for planets (金星, 火星, 木星, 土星) with columns for name, R.A., magnitude, and H.P./S.D.

Table with columns for Sun (太陽), Stars (P 惑星), and Moon (月) for Jan 23. Includes right ascension, declination, and distance data.

Main star catalog for Jan 23, listing stars like Polaris, Kochab, and others with their coordinates and magnitudes.

Table with columns for Sun (太陽), Stars (P 惑星), and Moon (月) for Jan 24. Includes right ascension, declination, and distance data.

Main star catalog for Jan 24, listing stars like Polaris, Kochab, and others with their coordinates and magnitudes.

☉ 太 陽				♃ 惑 星				☾ 月 月 齢 13.7			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _c	d	E _c d
0	11 47 53	S19 16.7	0 0 0.0	♀ 金 星				0	1 4 4	N26 38.8	1 3 0.1
2	47 52	15.5	10 1					1	2 45	37.5	2 5 1
4	47 50	14.3	20 2					2	0 58 46	33.2	5 13 3
6	47 49	13.1	30 3					3	56 7	30.2	7 18 5
8	47 48	11.9	40 4					4	53 28	26.9	9 24 6
10	47 47	10.7	50 5					5	50 49	23.3	11 29 7
12	11 47 46	S19 9.5	1 0 0.6					6	48 10	N26 19.6	16 42 1
14	47 44	8.3	10 7					7	45 31	17.7	17 45 1
16	47 43	7.1	20 8					8	42 52	11.6	20 53 3
18	47 42	5.8	30 9					9	40 14	7.2	22 58 5
20	47 41	4.6	40 10					10	37 35	4.9	23 61 5
22	47 40	3.4	1 50 1					11	34 57	25 57.9	26 68 7
24	11 47 39	S19 2.2	2 0 1.2					12	31 0	50.4	2 5 2
(観半徑 S.D. 16 17)								(H.P. 61.2, S.D. 16 40)			
No. 氷 恒 星											
U=0h の値											
E ₀ d											
♂ 火 星											
♃ 木 星											
♄ 土 星											
♀ 金星											
♂ 火星											
♃ 木星											
♄ 土星											
♁ 水星											
♂ 木星											
♄ 土星											
♁ 水星											
♂ 火星											
♃ 木星											
♄ 土星											
♁ 水星											

☉ 太 陽				♃ 惑 星				☾ 月 月 齢 14.7			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _c	d	E _c d
0	11 47 39	S19 2.2	0 0 0.0	♀ 金 星				0	0 0 56	N24 37.7	1 3 0.1
2	47 37	19 1.0	10 1					1	58 21	34.0	2 5 3
4	47 36	18 59.7	20 2					2	57 3	25.3	4 10 6
6	47 35	58.5	30 3					3	55 46	22.5	5 13 7
8	47 34	57.3	40 4					4	54 28	18.6	6 15 0.9
10	47 33	56.0	50 5					5	53 11	14.6	7 18 1.0
12	11 47 32	S18 54.8	1 0 0.6					6	51 54	10.5	8 21 1
14	47 31	53.5	10 7					7	50 37	6.5	9 23 3
16	47 30	52.3	20 8					8	49 20	24 2.4	10 26 4
18	47 28	51.1	30 9					9	48 3	23 58.2	11 28 6
20	47 27	49.8	40 10					10	46 46	54.0	12 31 7
22	47 26	48.6	1 50 1					11	45 29	23 5.0	13 33 1.9
24	11 47 25	S18 47.3	2 0 1.2					12	44 12	N24 49.7	14 36 2.0
(観半徑 S.D. 16 17)								(H.P. 61.5, S.D. 16 45)			
No. 氷 恒 星											
U=0h の値											
E ₀ d											
♂ 火 星											
♃ 木 星											
♄ 土 星											
♀ 金星											
♂ 火星											
♃ 木星											
♄ 土星											
♁ 水星											
♂ 木星											
♄ 土星											
♁ 水星											
♂ 火星											
♃ 木星											
♄ 土星											
♁ 水星											

◎ 太陽			♃ 木星			♂ 火星			♁ 地球			♁ 金星		
U	E ₀	d	U	E ₀	d	U	E ₀	d	U	E ₀	d	U	E ₀	d
h m s	° ' "	h m s	h m s	° ' "	h m s	h m s	° ' "	h m s	h m s	° ' "	h m s	h m s	° ' "	h m s
0 11 47 25	S 18 47.3	0 0 0.0	0 21 45 40	N 13 27.3	0 0 0.0	0 23 0 28	N 20 48.3	1 2 0.2	0 23 0 28	N 20 48.3	1 2 0.2	0 23 0 28	N 20 48.3	1 2 0.2
2 47 24	46.1	10 1	2 46 4	27.9	10 2 1	1 58 1	36.7	3 7 6	1 58 1	36.7	3 7 6	1 58 1	36.7	3 7 6
4 47 23	44.8	20 2	4 46 28	28.4	20 4 1	2 56 49	30.9	4 10 0.8	2 56 49	30.9	4 10 0.8	2 56 49	30.9	4 10 0.8
6 47 22	43.5	30 3	6 46 53	29.0	30 6 2	2 55 36	25.0	5 12 1.0	2 55 36	25.0	5 12 1.0	2 55 36	25.0	5 12 1.0
8 47 21	42.3	40 4	8 47 17	29.6	40 8 2	4 54 23	19.1	6 14 2	4 54 23	19.1	6 14 2	4 54 23	19.1	6 14 2
10 47 20	41.0	50 5	10 47 41	30.2	50 10 3	3 53 11	13.2	7 17 4	3 53 11	13.2	7 17 4	3 53 11	13.2	7 17 4
12 11 47 19	S 18 39.7	1 0 0.7	12 21 48 5	N 13 30.8	1 0 12 0.3	4 51 58	7.2	8 19 7	4 51 58	7.2	8 19 7	4 51 58	7.2	8 19 7
14 47 18	38.5	10 8	14 48 29	31.4	10 14 4	4 50 46	20 1.2	9 22 1.9	4 50 46	20 1.2	9 22 1.9	4 50 46	20 1.2	9 22 1.9
16 47 17	37.2	20 9	16 48 54	31.9	20 16 4	5 49 34	19 55.1	10 24 2.1	5 49 34	19 55.1	10 24 2.1	5 49 34	19 55.1	10 24 2.1
18 47 16	35.9	30 1.0	18 49 18	32.5	30 18 5	5 48 22	49.1	11 26 3	5 48 22	49.1	11 26 3	5 48 22	49.1	11 26 3
20 47 15	34.6	40 1	20 49 42	33.1	40 20 5	47 10	43.0	12 29 5	47 10	43.0	12 29 5	47 10	43.0	12 29 5
22 47 14	33.4	1 50 2	22 50 16	33.7	1 50 22 6	(H.P. 61.4, S.D. 16 44)			13 31 7	13 31 7	13 31 7	13 31 7	13 31 7	
24 11 47 12	S 18 32.1	2 0 1.3	24 21 50 31	N 13 34.3	2 0 24 0.6	6 22 45 58	N 19 36.8	16 38 3	6 22 45 58	N 19 36.8	16 38 3	6 22 45 58	N 19 36.8	16 38 3
(視半徑 S.D. 16 17)			(H.P. 61.3, S.D. 16 42)			(H.P. 61.4, S.D. 16 44)			(H.P. 61.4, S.D. 16 44)			(H.P. 61.4, S.D. 16 44)		
No. 米恒星			♁ 木星			♂ 火星			♁ 地球			♁ 金星		
1 Polaris	h m s	° ' "	12 22 31 44	N 18 20.6	12 22 31 44	12 22 31 44	N 18 20.6	12 22 31 44	12 22 31 44	N 18 20.6	12 22 31 44	12 22 31 44	N 18 20.6	12 22 31 44
2 Kochab	17 29 56	74 21.7	13 30 34	14.1	13 30 34	13 30 34	14.1	13 30 34	13 30 34	14.1	13 30 34	13 30 34	14.1	13 30 34
3 Dubhe	21 20 12	62 1.8	14 5 44	10 2 1	14 5 44	14 5 44	10 2 1	14 5 44	14 5 44	10 2 1	14 5 44	14 5 44	10 2 1	14 5 44
4 β Cassiop.	8 14 25	58 51.9	15 24 43	40.9	15 24 43	15 24 43	40.9	15 24 43	15 24 43	40.9	15 24 43	15 24 43	40.9	15 24 43
5 Merak	21 22 1	56 39.6	16 48 18	34.2	16 48 18	16 48 18	34.2	16 48 18	16 48 18	34.2	16 48 18	16 48 18	34.2	16 48 18
6 Alloth	19 29 0	N 56 14.2	17 20 5	13.9	17 20 5	17 20 5	13.9	17 20 5	17 20 5	13.9	17 20 5	17 20 5	13.9	17 20 5
7 Schadir	7 43 16	56 15.3	18 18 56	7.0	18 18 56	18 18 56	7.0	18 18 56	18 18 56	7.0	18 18 56	18 18 56	7.0	18 18 56
8 Mizar	18 58 55	55 11.5	19 15 29	46.4	19 15 29	19 15 29	46.4	19 15 29	19 15 29	46.4	19 15 29	19 15 29	46.4	19 15 29
9 α Persi	5 0 10	49 40.9	20 12 3	25.5	20 12 3	20 12 3	25.5	20 12 3	20 12 3	25.5	20 12 3	20 12 3	25.5	20 12 3
10 Benetnasch	18 35 16	49 34.0	21 15 20	20.7	21 15 20	21 15 20	20.7	21 15 20	21 15 20	20.7	21 15 20	21 15 20	20.7	21 15 20
11 Capella	3 7 55	N 45 57.0	22 5 14	43.2	22 5 14	22 5 14	43.2	22 5 14	22 5 14	43.2	22 5 14	22 5 14	43.2	22 5 14
12 Deneb	11 41 9	45 5.5	23 30 34	14.1	23 30 34	23 30 34	14.1	23 30 34	23 30 34	14.1	23 30 34	23 30 34	14.1	23 30 34
13 Vega	13 45 37	38 43.8	24 22 4	6	24 22 4	24 22 4	6	24 22 4	24 22 4	6	24 22 4	24 22 4	6	24 22 4
14 Castor	0 49 28	32 0.3	25 53	5	25 53	25 53	5	25 53	25 53	5	25 53	25 53	5	25 53
15 Alpheratz	8 15 6	28 48.2	26 62 2	27	26 62 2	26 62 2	27	26 62 2	26 62 2	27	26 62 2	26 62 2	27	26 62 2
16 Pollux	0 38 37	N 28 9.3	27 65 6	28	27 65 6	27 65 6	28	27 65 6	27 65 6	28	27 65 6	27 65 6	28	27 65 6
17 α Cor. Bor.	16 48 18	26 53.1	28 28 7	12	28 28 7	28 28 7	12	28 28 7	28 28 7	12	28 28 7	28 28 7	12	28 28 7
18 Arcturus	18 7 29	19 27.0	29 7 7	7	29 7 7	29 7 7	7	29 7 7	29 7 7	7	29 7 7	29 7 7	7	29 7 7
19 Aldebaran	3 47 50	16 24.5	30 18 5	30	30 18 5	30 18 5	30	30 18 5	30 18 5	30	30 18 5	30 18 5	30	30 18 5
20 Markab	9 18 37	14 55.4	31 3 19	34.6	31 3 19	31 3 19	34.6	31 3 19	31 3 19	34.6	31 3 19	31 3 19	34.6	31 3 19
21 Denabola	20 34 21	N 14 51.7	32 4 0	34.5	32 4 0	32 4 0	34.5	32 4 0	32 4 0	34.5	32 4 0	32 4 0	34.5	32 4 0
22 α Ophiuchi	14 48 16	12 35.6	33 7 0	34.7	33 7 0	33 7 0	34.7	33 7 0	33 7 0	34.7	33 7 0	33 7 0	34.7	33 7 0
23 Regulus	22 15 9	12 13.3	34 8 1	34.6	34 8 1	34 8 1	34.6	34 8 1	34 8 1	34.6	34 8 1	34 8 1	34.6	34 8 1
24 Altair	12 32 33	8 43.6	35 1 50	35.1	35 1 50	35 1 50	35.1	35 1 50	35 1 50	35.1	35 1 50	35 1 50	35.1	35 1 50
25 Betelgeuse	2 28 24	7 24.0	36 1 1	34.8	36 1 1	36 1 1	34.8	36 1 1	36 1 1	34.8	36 1 1	36 1 1	34.8	36 1 1
26 Bellatrix	2 58 25	N 6 18.3	37 3 4	34.5	37 3 4	37 3 4	34.5	37 3 4	37 3 4	34.5	37 3 4	37 3 4	34.5	37 3 4
27 Procyon	0 44 10	N 5 21.6	38 4 3	34.9	38 4 3	38 4 3	34.9	38 4 3	38 4 3	34.9	38 4 3	38 4 3	34.9	38 4 3
28 Rigel	3 8 43	S 8 15.6	39 5 9	35.1	39 5 9	39 5 9	35.1	39 5 9	39 5 9	35.1	39 5 9	39 5 9	35.1	39 5 9
29 α Hydrae	22 55 43	8 25.9	40 5 0	34.6	40 5 0	40 5 0	34.6	40 5 0	40 5 0	34.6	40 5 0	40 5 0	34.6	40 5 0
30 Spica	18 58 19	10 53.4	41 5 24	35.2	41 5 24	41 5 24	35.2	41 5 24	41 5 24	35.2	41 5 24	41 5 24	35.2	41 5 24
31 Sirius	1 37 54	S 16 38.6	42 5 24	35.1	42 5 24	42 5 24	35.1	42 5 24	42 5 24	35.1	42 5 24	42 5 24	35.1	42 5 24
32 β Ceti	7 39 48	18 16.5	43 5 24	35.1	43 5 24	43 5 24	35.1	43 5 24	43 5 24	35.1	43 5 24	43 5 24	35.1	43 5 24
33 Antares	15 54 35	26 19.1	44 5 24	35.1	44 5 24	44 5 24	35.1	44 5 24	44 5 24	35.1	44 5 24	44 5 24	35.1	44 5 24
34 α Sagittarii	13 28 45	26 21.9	45 5 24	35.1	45 5 24	45 5 24	35.1	45 5 24	45 5 24	35.1	45 5 24	45 5 24	35.1	45 5 24
35 Fomalhaut	9 25 1	29 54.2	46 5 24	35.1	46 5 24	46 5 24	35.1	46 5 24	46 5 24	35.1	46 5 24	46 5 24	35.1	46 5 24
36 λ Scorpii	14 50 43	S 37 4.1	47 5 24	35.1	47 5 24	47 5 24	35.1	47 5 24	47 5 24	35.1	47 5 24	47 5 24	35.1	47 5 24
37 Canopus	1 57 57	52 40.1	48 5 24	35.1	48 5 24	48 5 24	35.1	48 5 24	48 5 24	35.1	48 5 24	48 5 24	35.1	48 5 24
38 α P. ventis	11 59 16	56 54.4	49 5 24	35.1	49 5 24	49 5 24	35.1	49 5 24	49 5 24	35.1	49 5 24	49 5 24	35.1	49 5 24
39 Achernar	6 44 59	57 30.3	50 5 24	35.1	50 5 24	50 5 24	35.1	50 5 24	50 5 24	35.1	50 5 24	50 5 24	35.1	50 5 24
40 β Crucis	19 36 6	59 24.0	51 5 24	35.1	51 5 24	51 5 24	35.1	51 5 24	51 5 24	35.1	51 5 24	51 5 24	35.1	51 5 24
41 β Centauri	18 20 39	S 60 7.2	52 5 24	35.1	52 5 24	52 5 24	35.1	52 5 24	52 5 24	35.1	52 5 24	52 5 24	35.1	52 5 24
42 α Centauri	17 44 44	60 37.1	53 5 24	35.1	53 5 24	53 5 24	35.1	53 5 24	53 5 24	35.1	53 5 24	53 5 24	35.1	53 5 24
43 α Crucis	19 57 4	62 48.4	54 5 24	35.1	54 5 24	54 5 24	35.1	54 5 24	54 5 24	35.1	54 5 24	54 5 24	35.1	54 5 24
44 α Tri. Aust.	15 37 41	68 56.0	55 5 24	35.1	55 5 24	55 5 24	35.1	55 5 24	55 5 24	35.1	55 5 24	55 5 24	35.1	55 5 24
45 β Carinae	23 8 5	S 69 30.0	56 5 24	35.1	56 5 24	56 5 24	35.1	56 5 24	56 5 24	35.1	56 5 24	56 5 24	35.1	56 5 24
R ₀	h m s	° ' "	24 22 52 38	N 15 53.4	2 0 21 0.1	24 22 52 38	N 15 53.4	2 0 21 0.1	24 22 52 38	N 15 53.4	2 0 21 0.1	24 22 52 38	N 15 53.4	2 0 21 0.1
			♁ 木星 17 18 -1.4 0.0 15			♂ 火星 10 35 -0.6 0.2 6			♁ 地球 9 32 +0.2 0.0 9			♁ 金星 22 52 -3.5 0.1 7		

◎ 太陽			♃ 木星			♂ 火星			♁ 地球			♁ 金星		
U	E ₀	d	U	E ₀	d	U	E ₀	d	U	E ₀	d	U	E ₀	d
h m s	° ' "	h m s	h m s	° ' "	h m s	h m s	° ' "	h m s	h m s	° ' "	h m s	h m s	° ' "	h m s
0 11 47 12	S 18 32.1	0 0 0.0	0 21 45 40	N 13 27.3	0 0 0.0	0 23 0 28	N 20 48.3	1 2 0.2	0 23 0 28	N 20 48.3	1 2 0.2	0 23 0 28	N 20 48.3	1 2 0.2
2 47 11	30.8	10 1	2 46 4	27.9	10 2 1	1 58 1	36.7	3 7 6	1 58 1	36.7	3 7 6	1 58 1	36.7	3 7 6
4 47 10	29.5	20 2	4 46 28	28.4	20 4 1	2 56 49	30.9	4 10 0.8	2 56 49	30.9	4 10 0.8	2 56 49	30.9	

Main astronomical data table on page 32, including sections for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and a list of stars with their coordinates and magnitudes.

Main astronomical data table on page 33, including sections for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and a list of stars with their coordinates and magnitudes.

Table for Feb 2nd: Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Includes columns for Right Ascension (h m s), Declination (d), and magnitude (m). Includes a table for U=0h values.

Table for Feb 2nd: Stars (恒星). Lists stars like Polaris, Kochab, Deneb, Vega, etc., with their RA, Dec, and magnitude.

Table for Feb 2nd: Planets (行星). Lists planets like Venus, Mars, Jupiter, Saturn with their RA, Dec, and magnitude.

Table for Feb 2nd: Stars (恒星). Lists stars like Sirius, Betelgeuse, Rigel, etc., with their RA, Dec, and magnitude.

Table for Feb 2nd: Planets (行星). Lists planets like Venus, Mars, Jupiter, Saturn with their RA, Dec, and magnitude.

Table for Feb 3rd: Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Includes columns for Right Ascension (h m s), Declination (d), and magnitude (m). Includes a table for U=0h values.

Table for Feb 3rd: Stars (恒星). Lists stars like Polaris, Kochab, Deneb, Vega, etc., with their RA, Dec, and magnitude.

Table for Feb 3rd: Planets (行星). Lists planets like Venus, Mars, Jupiter, Saturn with their RA, Dec, and magnitude.

Table for Feb 3rd: Stars (恒星). Lists stars like Sirius, Betelgeuse, Rigel, etc., with their RA, Dec, and magnitude.

Table for Feb 3rd: Planets (行星). Lists planets like Venus, Mars, Jupiter, Saturn with their RA, Dec, and magnitude.

Table with columns for Sun (太陽), Planets (惑星), and Stars (星). Includes sub-headers for Right Ascension (U, E, d) and Declination (E, d) and a table for U=0h values.

Main table for February 4th listing stars with columns for No., Name, RA, Dec, and other astronomical data. Includes a table for U=0h values and a table for Planets (惑星).

Table with columns for Sun (太陽), Planets (惑星), and Stars (星). Includes sub-headers for Right Ascension (U, E, d) and Declination (E, d) and a table for U=0h values.

Main table for February 5th listing stars with columns for No., Name, RA, Dec, and other astronomical data. Includes a table for U=0h values and a table for Planets (惑星).

Table for Feb 6, 1934. Columns include Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Planets (惑星). It lists star positions (RA, Dec, Mag) and planetary data (position, distance, magnitude).

Table for Feb 7, 1934. Columns include Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Planets (惑星). It lists star positions (RA, Dec, Mag) and planetary data (position, distance, magnitude).

Table for Feb 8, 1934. Columns include Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Planets (惑星). Rows show star coordinates (h, m, s, d) and magnitudes (m, R.A., Mag., H.P., S.D.).

Table for Feb 9, 1934. Columns include Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Planets (惑星). Rows show star coordinates and magnitudes.

Table for Feb 10, 1934. Includes Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and stars (P 惑星). Columns for Right Ascension (h m s), Declination (d), and magnitude (m). Lists stars like Polaris, Kochab, and others with their coordinates.

Table for Feb 11, 1934. Includes Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and stars (P 惑星). Columns for Right Ascension (h m s), Declination (d), and magnitude (m). Lists stars like Polaris, Kochab, and others with their coordinates.

◎ 太陽				P 惑星				C 月 月齢 1.9			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _t	d	E _t d
♀ 金星											
0	11	45 38	S14 7.2	0	0	0.0		0	10	20 49	S11 0.8
2	45	38	5.5	1	19	8	48.2	1	19	8	48.2
4	45	38	3.9	2	17	28	35.6	2	17	28	35.6
6	45	38	2.3	3	15	47	22.7	3	15	47	22.7
8	45	38	1.4	4	14	57	16.6	4	14	57	16.6
10	45	38	0.5	5	13	27	9.5	5	13	27	9.5
♂ 火星											
0	23	8 16	N15 37.0	0	0	0.0		0	23	8 16	N15 37.0
2	8	43	37.7	2	8	43	37.7	2	8	43	37.7
4	9	11	38.4	4	9	11	38.4	4	9	11	38.4
6	9	38	39.1	6	9	38	39.1	6	9	38	39.1
8	10	5	39.8	8	10	5	39.8	8	10	5	39.8
10	10	32	40.5	10	10	32	40.5	10	10	32	40.5
♂ 木星											
0	15	53 6	S22 45.1	0	0	0.0		0	15	53 6	S22 45.1
2	53	22	45.1	2	53	22	45.1	2	53	22	45.1
4	53	39	45.1	4	53	39	45.1	4	53	39	45.1
6	53	55	45.2	6	53	55	45.2	6	53	55	45.2
8	54	11	45.2	8	54	11	45.2	8	54	11	45.2
10	54	27	45.3	10	54	27	45.3	10	54	27	45.3
♂ 土星											
0	23	56 31	N16 17.9	0	0	0.0		0	23	56 31	N16 17.9
2	56	52	18.0	2	56	52	18.0	2	56	52	18.0
4	57	13	18.1	4	57	13	18.1	4	57	13	18.1
6	57	35	18.3	6	57	35	18.3	6	57	35	18.3
8	57	56	18.4	8	57	56	18.4	8	57	56	18.4
10	58	17	18.5	10	58	17	18.5	10	58	17	18.5
P 惑星											
星名		赤経	光度	地平	視						
		R.A.	Mag.	H.P.	S.D.						
♀金星	h m s	°		°	''						
♂火星	h m s	°		°	''						
♂木星	h m s	°		°	''						
♂土星	h m s	°		°	''						

◎ 太陽				P 惑星				C 月 月齢 2.9			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _t	d	E _t d
♀ 金星											
0	11	45 38	S13 47.4	0	0	0.0		0	9	41 2	S 5 48.3
2	45	38	45.7	1	19	8	48.2	1	19	8	48.2
4	45	39	44.1	2	17	28	35.6	2	17	28	35.6
6	45	39	42.4	3	15	47	22.7	3	15	47	22.7
8	45	39	40.7	4	14	57	16.6	4	14	57	16.6
10	45	39	39.1	5	13	27	9.5	5	13	27	9.5
♂ 火星											
0	23	13 43	N15 45.6	0	0	0.0		0	23	13 43	N15 45.6
2	14	10	46.3	2	14	10	46.3	2	14	10	46.3
4	14	37	47.0	4	14	37	47.0	4	14	37	47.0
6	15	5	47.7	6	15	5	47.7	6	15	5	47.7
8	15	32	48.4	8	15	32	48.4	8	15	32	48.4
10	15	59	49.1	10	15	59	49.1	10	15	59	49.1
♂ 木星											
0	15	53 20	S22 45.6	0	0	0.0		0	15	53 20	S22 45.6
2	56	37	45.6	2	56	37	45.6	2	56	37	45.6
4	56	53	45.6	4	56	53	45.6	4	56	53	45.6
6	57	9	45.7	6	57	9	45.7	6	57	9	45.7
8	57	25	45.7	8	57	25	45.7	8	57	25	45.7
10	57	41	45.8	10	57	41	45.8	10	57	41	45.8
♂ 土星											
0	0	0 46	N16 19.5	0	0	0.0		0	0	0 46	N16 19.5
2	1	8	19.6	2	1	8	19.6	2	1	8	19.6
4	1	29	19.7	4	1	29	19.7	4	1	29	19.7
6	1	50	19.9	6	1	50	19.9	6	1	50	19.9
8	2	12	20.0	8	2	12	20.0	8	2	12	20.0
10	2	33	20.1	10	2	33	20.1	10	2	33	20.1
P 惑星											
星名		赤経	光度	地平	視						
		R.A.	Mag.	H.P.	S.D.						
♀金星	h m s	°		°	''						
♂火星	h m s	°		°	''						
♂木星	h m s	°		°	''						
♂土星	h m s	°		°	''						

◎ 太陽				P 惑星				C 月 月齢 3.9																																																																																																																																																																																																																									
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h m s 0 11 45 39 S13 27.4 0.0 0.0 2 45 39 25.7 10 1 4 45 39 24.0 20 3 6 45 40 22.3 30 4 8 45 40 20.6 40 6 10 45 40 19.0 0 50 7 12 11 45 40 S13 17.3 1 0 0.9 14 45 40 15.6 10 1.0 16 45 40 13.9 20 1 18 45 40 12.2 30 3 20 45 41 10.5 40 4 22 45 41 8.8 1 50 6 24 11 45 41 S13 7.1 2 0 1.7 (観半徑 S.D. 16 14)				♀ 金星 h m s 0 9 21 6 N 0 32.5 0 0 0.0 2 21 4 35.2 10 0 2 4 21 3 37.8 20 0 4 6 21 1 40.4 30 1 7 8 20 59 43.1 40 1 0.9 10 20 57 45.7 0 50 1 1.1 12 9 20 55 N 0 48.3 1 0 1 1.3 14 20 54 50.9 10 1 5 16 20 52 53.6 20 1 1.7 18 20 50 56.2 30 2 2.0 20 20 48 0 58.8 40 2 2 22 20 46 1 1.5 1 50 2 4 24 9 20 45 N 1 4.1 2 0 2 2.6 (H.P. 55.0, S.D. 14 58)				♂ 火星 h m s 0 23 19 10 N15 54.1 0 0 0.0 2 19 38 54.8 10 2 1 4 20 5 55.5 20 5 1 6 20 32 56.2 30 7 2 8 21 0 56.9 40 9 2 10 21 27 57.6 0 50 11 3 12 23 21 54 N15 58.3 1 0 14 0.4 14 22 22 59.0 10 16 4 16 22 49 15 59.8 20 18 5 18 23 16 16 0.5 30 20 5 20 23 44 1.2 40 23 6 22 24 11 1.9 1 50 25 6 24 23 24 39 N16 2.6 2 0 27 0.7 (H.P. 55.1, S.D. 15 0)				♁ 木星 h m s 0 15 59 35 S22 46.0 0 0 0.0 2 15 59 51 46.1 10 1 0 4 16 0 7 46.1 20 3 0 6 0 24 46.2 30 4 0 8 0 40 46.2 40 5 0 10 0 56 46.2 0 50 7 0 12 16 1 12 S22 46.3 1 0 8 0.1 14 1 29 46.3 10 9 1 16 1 45 46.4 20 11 1 18 2 1 46.4 30 12 1 20 2 18 46.4 40 13 1 22 2 34 46.5 1 50 15 1 24 16 2 50 S22 46.5 2 0 16 0.1 (H.P. 55.2, S.D. 15 2)				♃ 土星 h m s 0 0 5 2 N16 21.1 0 0 0.0 2 5 23 21.2 10 2 0 4 5 45 21.3 20 4 0 6 6 6 21.5 30 5 0 8 6 27 21.6 40 7 0 10 6 49 21.7 0 50 9 0 12 0 7 10 N16 21.9 1 0 11 0.1 14 7 31 22.0 10 12 1 16 7 53 22.1 20 14 1 18 8 14 22.3 30 16 1 20 8 35 22.4 40 18 1 22 8 57 22.5 1 50 19 1 24 0 9 18 N16 22.7 2 0 21 0.1 (H.P. 55.3, S.D. 15 4)																																																																																																																																																																																																																	
No. 米恒星 U=0hの値 <table border="1"> <thead> <tr> <th>No.</th> <th>米恒星</th> <th>E₀</th> <th>d</th> </tr> </thead> <tbody> <tr><td>1</td><td>Polaris</td><td>7 45 12</td><td>N89 1.4</td></tr> <tr><td>2</td><td>Kochab</td><td>18 40 52</td><td>74 21.7</td></tr> <tr><td>3</td><td>Dubhe</td><td>22 31 9</td><td>62 1.8</td></tr> <tr><td>4</td><td>β Cassiop.</td><td>9 25 24</td><td>58 51.9</td></tr> <tr><td>5</td><td>Merkat</td><td>22 32 59</td><td>56 39.6</td></tr> <tr><td>6</td><td>Alkath</td><td>20 39 57</td><td>N56 14.3</td></tr> <tr><td>7</td><td>Scheat</td><td>8 54 14</td><td>56 15.3</td></tr> <tr><td>8</td><td>Mizar</td><td>20 9 52</td><td>55 11.5</td></tr> <tr><td>9</td><td>α Persi</td><td>6 11 9</td><td>49 40.9</td></tr> <tr><td>10</td><td>Benetnash</td><td>19 46 13</td><td>49 34.0</td></tr> <tr><td>11</td><td>Capella</td><td>4 18 53</td><td>N45 57.1</td></tr> <tr><td>12</td><td>Deneb</td><td>12 52 7</td><td>45 5.4</td></tr> <tr><td>13</td><td>Vega</td><td>14 56 35</td><td>38 43.7</td></tr> <tr><td>14</td><td>Castor</td><td>2 0 26</td><td>32 0.4</td></tr> <tr><td>15</td><td>Alpharatz</td><td>9 26 4</td><td>28 48.2</td></tr> <tr><td>16</td><td>Pollux</td><td>1 49 35</td><td>N28 9.3</td></tr> <tr><td>17</td><td>α Cor. Bor.</td><td>17 59 15</td><td>26 53.0</td></tr> <tr><td>18</td><td>Arcturus</td><td>19 18 26</td><td>19 26.9</td></tr> <tr><td>19</td><td>Aldharan</td><td>4 58 48</td><td>16 24.5</td></tr> <tr><td>20</td><td>Merkab</td><td>10 29 35</td><td>14 55.4</td></tr> <tr><td>21</td><td>Deneb's</td><td>21 45 19</td><td>N14 51.7</td></tr> <tr><td>22</td><td>α Ophiuchi</td><td>15 59 14</td><td>12 35.5</td></tr> <tr><td>23</td><td>Rigel</td><td>23 26 7</td><td>12 13.3</td></tr> <tr><td>24</td><td>Altair</td><td>13 43 31</td><td>8 43.5</td></tr> <tr><td>25</td><td>β Telgous</td><td>3 39 22</td><td>7 24.0</td></tr> <tr><td>26</td><td>β Lelatrix</td><td>4 9 23</td><td>N 6 18.3</td></tr> <tr><td>27</td><td>Procyon</td><td>1 55 8</td><td>N 5 21.6</td></tr> <tr><td>28</td><td>Rigel</td><td>4 19 41</td><td>S 8 15.7</td></tr> <tr><td>29</td><td>α Hydros</td><td>0 5 41</td><td>8 26.0</td></tr> <tr><td>30</td><td>Spica</td><td>20 9 17</td><td>10 53.5</td></tr> <tr><td>31</td><td>Sirius</td><td>2 48 52</td><td>S16 38.7</td></tr> <tr><td>32</td><td>β Ceti</td><td>8 50 46</td><td>18 16.5</td></tr> <tr><td>33</td><td>Antares</td><td>17 5 32</td><td>26 19.2</td></tr> <tr><td>34</td><td>α Spicarii</td><td>14 39 43</td><td>26 21.9</td></tr> <tr><td>35</td><td>β Fomalhaut</td><td>10 36 59</td><td>29 54.1</td></tr> <tr><td>36</td><td>λ Scorpii</td><td>16 1 41</td><td>S37 4.1</td></tr> <tr><td>37</td><td>Canopus</td><td>3 8 55</td><td>52 40.1</td></tr> <tr><td>38</td><td>α Picois</td><td>13 10 14</td><td>56 54.3</td></tr> <tr><td>39</td><td>α Achernar</td><td>7 55 58</td><td>57 30.3</td></tr> <tr><td>40</td><td>β Crucis</td><td>20 47 3</td><td>59 24.1</td></tr> <tr><td>41</td><td>β Centauri</td><td>19 31 36</td><td>S60 7.2</td></tr> <tr><td>42</td><td>α Centauri</td><td>18 55 41</td><td>60 37.2</td></tr> <tr><td>43</td><td>α Crucis</td><td>21 8 1</td><td>62 48.5</td></tr> <tr><td>44</td><td>α Tri. Aust.</td><td>16 48 38</td><td>68 56.0</td></tr> <tr><td>45</td><td>β Carinus</td><td>0 19 3</td><td>S69 30.1</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>星名</th> <th>赤經</th> <th>光度</th> <th>地平</th> <th>観</th> </tr> <tr> <th></th> <th>R.A.</th> <th>Mag.</th> <th>H.P.</th> <th>半徑</th> </tr> </thead> <tbody> <tr><td>♀金星</td><td>0 11</td><td>-3.5</td><td>0.1</td><td>7</td></tr> <tr><td>♂火星</td><td>10 13</td><td>-1.0</td><td>0.2</td><td>7</td></tr> <tr><td>♁木星</td><td>17 32</td><td>-1.5</td><td>0.0</td><td>16</td></tr> <tr><td>♃土星</td><td>9 27</td><td>+0.2</td><td>0.0</td><td>9</td></tr> </tbody> </table>												No.	米恒星	E ₀	d	1	Polaris	7 45 12	N89 1.4	2	Kochab	18 40 52	74 21.7	3	Dubhe	22 31 9	62 1.8	4	β Cassiop.	9 25 24	58 51.9	5	Merkat	22 32 59	56 39.6	6	Alkath	20 39 57	N56 14.3	7	Scheat	8 54 14	56 15.3	8	Mizar	20 9 52	55 11.5	9	α Persi	6 11 9	49 40.9	10	Benetnash	19 46 13	49 34.0	11	Capella	4 18 53	N45 57.1	12	Deneb	12 52 7	45 5.4	13	Vega	14 56 35	38 43.7	14	Castor	2 0 26	32 0.4	15	Alpharatz	9 26 4	28 48.2	16	Pollux	1 49 35	N28 9.3	17	α Cor. Bor.	17 59 15	26 53.0	18	Arcturus	19 18 26	19 26.9	19	Aldharan	4 58 48	16 24.5	20	Merkab	10 29 35	14 55.4	21	Deneb's	21 45 19	N14 51.7	22	α Ophiuchi	15 59 14	12 35.5	23	Rigel	23 26 7	12 13.3	24	Altair	13 43 31	8 43.5	25	β Telgous	3 39 22	7 24.0	26	β Lelatrix	4 9 23	N 6 18.3	27	Procyon	1 55 8	N 5 21.6	28	Rigel	4 19 41	S 8 15.7	29	α Hydros	0 5 41	8 26.0	30	Spica	20 9 17	10 53.5	31	Sirius	2 48 52	S16 38.7	32	β Ceti	8 50 46	18 16.5	33	Antares	17 5 32	26 19.2	34	α Spicarii	14 39 43	26 21.9	35	β Fomalhaut	10 36 59	29 54.1	36	λ Scorpii	16 1 41	S37 4.1	37	Canopus	3 8 55	52 40.1	38	α Picois	13 10 14	56 54.3	39	α Achernar	7 55 58	57 30.3	40	β Crucis	20 47 3	59 24.1	41	β Centauri	19 31 36	S60 7.2	42	α Centauri	18 55 41	60 37.2	43	α Crucis	21 8 1	62 48.5	44	α Tri. Aust.	16 48 38	68 56.0	45	β Carinus	0 19 3	S69 30.1	星名	赤經	光度	地平	観		R.A.	Mag.	H.P.	半徑	♀金星	0 11	-3.5	0.1	7	♂火星	10 13	-1.0	0.2	7	♁木星	17 32	-1.5	0.0	16	♃土星	9 27	+0.2	0.0	9
No.	米恒星	E ₀	d																																																																																																																																																																																																																														
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0 11 45 43	S12 46.7	0 0	0.0							0 7 40 16	N10 41.3	1 2 0.2			
2 45 43	45.0	10	1							1 38 29	10 54.6	2 4 4			
4 45 44	43.2	20	3							2 36 42	11 1.2	3 5 7			
6 45 44	41.5	30	4							3 34 55	12 21.2	4 7 0.9			
8 45 44	39.8	40	6							4 33 7	13 34.1	5 9 1.1			
10 45 44	38.1	0 50	7							5 31 19	14 47.6	6 11 3			
12 11 45 45	S12 36.4	1 0	0.9							6 29 31	N12 0.7	7 13 5			
14 45 45	34.6	10	1.0							7 27 43	13.9	8 14 1.8			
16 45 45	32.9	20	1							8 25 54	26.9	9 16 2.0			
18 45 45	31.2	30	3							9 24 5	40.0	10 18 2			
20 45 46	29.5	40	4							10 22 16	53.0	11 20 4			
22 45 46	27.7	1 50	6							11 20 26	13 5.9	12 22 6			
24 11 45 46	S12 26.0	2 0	1.7							12 18 36	N13 18.8	13 23 2.9			
♂ 火星															
♁ 木星															
♃ 土星															

◎ 太陽				P 惑星			比例部分			(月 月齡 6.9			比例部分		
U	E _s	d	dの比例部分	U	E _s	d	E _s d	U	E _c	d	E _c d	U	E _c	d	E _c d
♀ 金星															
0 11 45 46	S12 26.0	0 0	0.0							0 56 9	N15 49.8	1 2 0.2			
2 45 47	24.3	10	1							1 54 14	15 55.9	2 4 4			
4 45 47	22.6	20	3							2 53 17	16 2.0	3 6 6			
6 45 47	20.8	30	4							3 52 19	8.1	4 8 0.8			
8 45 48	19.1	40	6							4 51 21	14.2	5 10 1.0			
10 45 48	17.4	0 50	7							5 50 24	20.2	6 12 2			
12 11 45 48	S12 15.6	1 0	0.9							6 49 26	26.2	7 14 4			
14 45 48	13.9	10	1.0							7 48 28	32.3	8 15 6			
16 45 49	12.1	20	1							8 48 28	38.3	9 17 1.8			
18 45 49	10.4	30	3							9 47 30	44.3	10 19 2.0			
20 45 49	8.7	40	4							10 46 32	50.2	11 21 2			
22 45 50	6.9	1 50	6							11 45 33	16 56.2	12 23 4			
24 11 45 50	S12 5.2	2 0	1.7							12 44 35	N17 2.1	13 25 6			
♂ 火星															
♁ 木星															
♃ 土星															

U=0hの値			
No. 氷恒星	E _s	d	
1 Polaris	7 53 7	N89 1.4	
2 Kochab	18 48 45	74 21.7	
3 Dubhe	22 39 2	62 1.8	
4 β Cassiop.	9 33 17	58 51.9	
5 Merak	22 40 52	56 39.6	
6 Alhoh	20 47 50	N56 14.3	
7 Schedir	9 2 7	56 15.3	
8 Mizar	20 17 45	55 11.5	
9 α Persei	6 19 2	49 40.9	
10 Benetnash	19 54 6	49 34.0	
11 Capella	4 26 46	N45 57.1	
12 Deneb	13 0 0	45 5.4	
13 Vega	15 4 28	38 43.7	
14 Castor	2 8 19	32 0.4	
15 Alpheratz	9 33 57	28 48.2	
16 Pollux	1 57 28	N28 9.3	
17 α Cor. Bor.	18 7 8	26 53.0	
18 Arcturus	19 26 19	19 26.9	
19 Aldebaran	5 6 41	16 24.5	
20 Markab	10 37 29	14 55.4	
21 Denebola	21 53 12	N14 51.7	
22 α Ophiuchi	16 7 7	12 35.5	
23 Regulus	23 34 0	12 13.3	
24 Altair	13 51 24	8 43.5	
25 Betelgeuse	3 47 15	7 24.0	
26 Bellatrix	4 17 16	N 6 18.3	
27 Procyon	2 3 1	N 5 21.6	
28 Rigel	4 27 35	S 8 15.7	
29 α Hydrae	0 14 34	8 26.0	
30 Spica	20 17 10	10 53.5	
31 Sirius	2 56 45	S16 38.7	
32 β Ceti	5 58 39	18 16.5	
33 Antares	17 13 25	25 19.2	
34 α Sagittarii	14 47 36	26 21.9	
35 Fomalhaut	10 44 52	29 54.1	
36 λ Scorpii	16 9 34	S37 4.1	
37 Canopus	3 16 48	52 40.1	
38 α Pegasus	13 18 7	56 54.3	
39 Achernar	8 3 51	57 30.3	
40 β Crucis	20 54 56	59 24.1	
41 β Centauri	19 39 29	S60 7.2	
42 α Centauri	19 3 34	60 37.2	
43 α Crucis	21 15 54	62 48.5	
44 α Tri. Aust.	16 56 31	68 56.0	
45 β Corinae	0 26 56	S69 30.1	
R ₀	9 39 37		

P 惑星			
星名	赤経 R.A.	光度 Mag.	地平線高度 H.P.
♀金星	0 19	-3.6	0.1
♂火星	10 9	-1.0	0.2
♁木星	17 34	-1.5	0.0
♃土星	9 26	+0.2	0.0

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes right ascension (h m s), declination (d), and distance (d) data.

Table of star magnitudes (No. 氷恒星) with columns for star name, magnitude (E_s), and distance (d).

Table of star magnitudes (No. 火星) with columns for star name, magnitude (E_s), and distance (d).

Table of star magnitudes (No. 木星) with columns for star name, magnitude (E_s), and distance (d).

Table of star magnitudes (No. 土星) with columns for star name, magnitude (E_s), and distance (d).

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes right ascension (h m s), declination (d), and distance (d) data.

Table of star magnitudes (No. 氷恒星) with columns for star name, magnitude (E_s), and distance (d).

Table of star magnitudes (No. 火星) with columns for star name, magnitude (E_s), and distance (d).

Table of star magnitudes (No. 木星) with columns for star name, magnitude (E_s), and distance (d).

Table of star magnitudes (No. 土星) with columns for star name, magnitude (E_s), and distance (d).

Table of star magnitudes (No. 惑星) with columns for star name, magnitude (E_s), and distance (d).

◎ 太 陽				P 惑 星				C 月 月 齢				比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E _p d	U	E _c	d	E _c d	U	E _c	d	E _c d
h	h	m	s	°	'	"		h	h	m	s	°	'	"	m
0 11 46 0	S 11 22.9	0 0 0.0		♀ 金 星				0 4 19 30	N 26 22.4		1 3 0 0				
2 46 0	21.1	10 2						1 17 4	24.3		2 5 1				
4 46 1	19.3	20 3						2 15 50	28.1		4 10 2				
6 46 1	17.6	30 5						3 13 22	31.7		6 15 3				
8 46 2	15.8	40 6						4 9 40	36.7		8 20 4				
10 46 2	14.0	0 50 8						5 7 12	39.9		10 25 5				
12 11 46 3	S 11 12.2	1 0 0.9						6 4 4 43	N 25 42.9		12 30 6				
14 46 3	10.4	10 1.1						7 2 14	45.7		13 33 6				
16 46 4	8.6	20 2						8 4 1 0	47.0		14 35 7				
18 46 4	6.9	30 4						9 5 7 15	50.7		15 38 7				
20 46 5	5.1	40 5						10 5 4 5	51.8		16 40 7				
22 46 5	3.3	1 50 7						11 5 2 15	55.0		17 43 8				
24 11 46 6	S 11 1.5	2 0 1.8						12 3 4 9 44	N 26 56.9		18 45 8				
(観半徑 S.D. 16 13)								13 4 1 3	57.8		19 48 9				
				♂ 火 星				14 4 2 7	58.6		20 50 9				
								15 4 2 11	1.4		21 53 1.0				
								16 4 0 55	2.0		22 55 0				
								17 3 3 59 45	48.3		23 58 1				
								18 3 27 3	44.6		24 60 1				
								19 3 23 3	45.2		25 63 2				
								20 3 59 45	48.3		26 65 2				
								21 3 50 30	54.0		27 68 3				
								22 3 51 0	56.0		28 70 3				
								23 3 49 44	N 26 56.9		29 73 1.4				
								24 3 19 18	N 27 4.5						
				♂ 土 星											

U=0hの値

No.	氷 恒 星	E _x	d
1	Polaris	8 0 56	N 89 1.4
2	Kochab	19 4 31	74 21.7
3	Dubhe	22 54 48	62 1.9
4	β Cassiope	9 49 3	58 51.9
5	Merkab	22 56 38	56 39.6
6	Alloth	21 3 36	N 56 14.3
7	Schedir	9 17 53	56 15.3
8	Mizar	20 33 32	55 11.5
9	α Persei	6 34 48	49 40.9
10	Benetnasch	20 9 52	49 34.0
11	Copella	4 42 33	N 45 57.1
12	Deneb	13 15 46	45 5.4
13	Vega	15 20 14	38 43.7
14	Castor	2 24 5	32 0.4
15	Alpharatz	9 49 43	28 48.2
16	Pollux	2 13 14	N 28 9.3
17	α Cor. Bor.	18 22 54	26 53.0
18	Arcturus	19 42 6	19 26.9
19	Aldabara	5 22 27	16 24.5
20	Merkab	10 53 15	14 53.4
21	Denebola	22 8 58	N 14 51.7
22	α Ophiuchi	16 22 53	12 35.5
23	Rogulus	23 49 46	12 13.3
24	Altair	14 7 10	8 43.5
25	β Betelgeuse	4 3 2	7 24.0
26	Bellatrix	4 33 3	N 6 18.3
27	Procyon	2 18 48	N 5 21.6
28	Rigel	4 43 21	S 8 15.7
29	α Hydrae	0 30 20	8 26.0
30	Spica	20 32 56	10 53.5
31	Sirius	3 12 31	S 16 38.7
32	β Ceti	9 14 26	18 16.5
33	Antares	17 29 11	26 19.2
34	α Sagittarii	15 3 22	26 21.9
35	Fomalhaut	11 0 38	29 54.1
36	λ Scorpii	16 25 20	S 37 4.1
37	Canopus	3 32 34	52 40.2
38	α Perseus	13 33 53	56 54.3
39	Achernar	8 19 37	57 30.3
40	β Crux	21 10 42	59 24.2
41	β Centauri	19 55 15	S 65 7.2
42	α Centauri	19 19 20	60 37.2
43	α Crucis	21 31 41	62 48.5
44	α Tri. Aus.	17 12 17	68 56.0
45	β Carinae	0 42 42	S 69 30.2

P 惑 星

星 名	赤 緯	光 度	地平 視差	観 半徑
	R.A.	Mag.	H.P.	S.D.
♀金星	0 36	-3.6	0.1	8
♂火星	10 3	-1.0	0.2	7
♂木星	17 36	-1.5	0.0	16
♂土星	9 25	+0.2	0.0	9

◎ 太 陽				P 惑 星				C 月 月 齢				比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E _p d	U	E _c	d	E _c d	U	E _c	d	E _c d
h	h	m	s	°	'	"		h	h	m	s	°	'	"	m
0 11 46 6	S 11 1.5	0 0 0.0		♀ 金 星				0 3 19 18	N 27 4.5		1 3 0 0				
2 46 6	10 59.7	10 2						1 18 1	4.2		2 5 1				
4 46 7	57.9	20 3						2 16 44	3.8		3 8 1				
6 46 8	56.1	30 5						3 15 28	3.4		4 10 1				
8 46 8	54.3	40 6						4 14 11	3.0		5 13 2				
10 46 9	52.5	0 50 8						5 12 54	2.5		6 15 2				
12 11 46 9	S 10 50.7	1 0 0.9						6 11 37	2.0		7 18 2				
14 46 10	48.9	10 1.1						7 10 20	1.4		8 21 2				
16 46 10	47.1	20 2						8 9 3	0.8		9 23 3				
18 46 11	45.3	30 4						9 7 46	27 0.1		10 26 3				
20 46 11	43.5	40 5						10 6 29	26 59.3		11 28 3				
22 46 12	41.7	1 50 7						11 5 12	58.5		12 31 4				
24 11 46 13	S 10 39.9	2 0 1.8						12 4 3 55	N 26 57.7		13 33 4				
(観半徑 S.D. 16 12)								13 2 38	56.8		14 36 4				
				♂ 火 星				14 1 21	55.9		15 38 5				
								15 0 3	54.9		16 41 5				
								16 2 58 46	53.9		17 44 5				
								17 5 29	52.8		18 46 5				
								18 7 56 12	51.6		19 49 6				
								19 10 54 55	50.4		20 51 6				
								20 13 53 37	49.2		21 54 6				
								21 16 52 48	47.9		22 56 7				
								22 19 51 3	46.6		23 59 7				
								23 22 49 46	45.2		24 62 7				
				♂ 土 星				24 25 43.7	N 26 43.7		25 64 7				
								25 0 51	55.4		26 66 8				
								26 2 18	56.0		27 68 8				
								27 4 59 28	53.5		28 70 8				
								28 7 54 56	54.1		29 74 0.9				
								29 10 59 56	54.1						
								30 13 54.7	N 16 54.7						
								31 16 51.8	56.0						
								32 19 46	56.6						
								33 22 41	57.2						
								34 25 36	57.9						
								35 28 31	58.5						
								36 31 26	59.1						
								37 34 21	59.7						
								38 37 16	60.3						
								39 40 11	60.9						
								40 43 6	61.5						
								41 46 1	62.1						
								42 49 6	62.7						
								43 52 1	63.3						
								44 55 6	63.9						
								45 58 1	64.5						
								46 61 6	65.1						
								47 64 1	65.7						
								48 67 6	66.3						
								49 70 1	66.9						
								50 73 6	67.5						
								51 76 1	68.1						
								52 79 6	68.7						
								53 82 1	69.3						
								54 85 6	69.9						
								55 88 1	70.5						
								56 91 6	71.1						
								57 94 1	71.7						
								58 97 6	72.3						
								59 100 1	72.9						
								60 103 6	73.5						
								61 106 1	74.1						
								62 109 6	74.7						
								63 112 1	75.3						
								64 115 6	75.9						
								65 118 1	76.5						
								66 121 6	77.1						
								67 124 1	77.7						
								68 127 6	78.3						
								69 130 1	78.9						
								70 133 6	79.5						
								71 136 1	80.1						
								72 139 6	80.7						
								73 142 1	81.3						
								74 145 6	81.9						
								75 148 1	82.5						
								76 151 6	83.1						
								77 154 1	83.7						
								78 157 6	84.3						
								79 160 1	84.9						
								80 163 6	85.5						
								81 166 1	86.1						
								82 169 6	86.7						
								83 172 1</							

Table for Feb 22, 1934. Columns: Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Includes RA, Dec, and magnitude data.

Table for Feb 22, 1934. Columns: No. 水恒星 (Water Stars), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Lists star names like Polaris, Kochab, etc.

Table for Feb 22, 1934. Columns: Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Lists star names like Deneb, Vega, etc.

Table for Feb 22, 1934. Columns: Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Lists star names like Altair, Betelgeuse, etc.

Table for Feb 22, 1934. Columns: Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Lists star names like Sirius, Betelgeuse, etc.

Table for Feb 23, 1934. Columns: Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Includes RA, Dec, and magnitude data.

Table for Feb 23, 1934. Columns: No. 水恒星 (Water Stars), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Lists star names like Polaris, Kochab, etc.

Table for Feb 23, 1934. Columns: Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Lists star names like Deneb, Vega, etc.

Table for Feb 23, 1934. Columns: Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Lists star names like Altair, Betelgeuse, etc.

Table for Feb 23, 1934. Columns: Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星). Lists star names like Sirius, Betelgeuse, etc.

◎太陽				P惑星			比例部分			(月 月齡13.9)				比例部分												
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀	d	U	E ₀	d	E ₀	d	U	E ₀	d										
0	11 46 28	S 9 56.3	0 0	♀金星											0	0 18 51	N 18 12.6	1 2	0 2	0.0						
2	46 29	54.4	10												2	5	5									
4	46 27	52.6	20												3	7	7									
6	46 30	50.8	30												5	9	9									
8	46 31	48.9	40												6	12	1.2									
10	46 31	47.1	0 50												8	14	4									
12	11 46 32	S 9 45.3	1 0												0.9	16	6	1.6								
14	46 33	43.4	10												1.1	18	1.8									
16	46 34	41.6	20												2	20	2									
18	46 34	39.8	30												4	22	2.2									
20	46 35	37.9	40												5	24	2.4									
22	46 36	36.1	1 50	7	26	2.6																				
24	11 46 36	S 9 34.2	2 0	1.8	28	2.8																				
(観半徑 S.D. 16 12)																										
No. 恒星 U=0 ⁿ の値				♂火星			♂木星			♂土星			P惑星													
No.	恒星	E ₀	d	h	m	s	°	'	"	h	m	s	°	'	"	h	m	s	°	'	"	星名	赤經	光度	地平視差	観半徑
1	Polaris	8 24 49	N 89	1.4	0	0	14	6	N 17	12.9	0	0	0	0	0	0	0	0	0	0	星名	赤經	光度	地平視差	観半徑	
2	Kochab	19 20 17	74	21.7	2	14	33	13.5	10	2	1	10	16	4							♀金星	0 53	-3.6	0.1	8	
3	Endor	23 10 34	62	1.9	4	15	0	14.0	20	5	1	20	5	1							♂火星	9 57	-0.9	0.2	7	
4	β Cassio.	10 4 49	58	51.8	6	15	28	14.6	30	7	2	30	7	2							♂木星	17 39	-1.6	0.0	17	
5	Merk	23 12 24	56	39.6	8	15	55	15.2	40	9	2	40	9	2							♂土星	9 24	+0.2	0.0	9	
6	Altoh	21 19 23	N 56	14.3	10	16	22	15.8	0 50	11	3															
7	Schedir	9 33 40	56	15.2	12	0	16	50	N 17	16.3	1	0	14	0.3												
8	Mizar	20 49 18	55	11.5	14	17	17	16.9	10	16	4															
9	α Perse	6 50 35	49	40.9	16	17	44	17.5	20	18	4															
10	Bonetach	20 25 39	49	34.0	18	18	12	18.1	30	20	5															
11	Capella	4 58 19	N 45	57.1	20	18	39	18.6	40	23	5															
12	Donb	13 31 32	45	5.4	22	19	6	19.2	1 50	25	6															
13	Vega	15 35 0	38	43.7	24	0	19	19.8	2	0	27	0.6														
14	Castor	2 39 52	32	0.4	♂木星																					
15	Asphorati	10 5 30	28	48.2	♂土星																					
16	Polux	2 29 0	N 28	9.3	P惑星																					
17	α Cor. Bor.	18 35 40	26	53.0	星名																					
18	Arcturus	19 57 52	19	26.9	赤經																					
19	Aldebaran	5 38 14	16	24.4	光度																					
20	Morlab	11 9 1	14	55.4	地平視差																					
21	Deneb	22 24 44	N 14	51.7	観半徑																					
22	α Ophiuchi	16 38 39	12	35.5	星名																					
23	Regulus	0 5 32	12	13.3	赤經																					
24	Altair	14 22 56	8	43.5	光度																					
25	Betelgeuse	4 18 48	7	24.0	地平視差																					
26	Bellatrix	4 48 49	N 6	18.3	観半徑																					
27	Procyon	2 34 34	N 5	21.6	星名																					
28	Rigel	4 59 7	S 8	15.7	赤經																					
29	α Hydras	0 46 7	8	26.0	光度																					
30	Spica	20 48 42	10	53.5	地平視差																					
31	Sirius	3 28 18	S 16	38.7	観半徑																					
32	β Ceti	9 30 12	18	16.5	星名																					
33	Antares	17 44 57	26	19.2	赤經																					
34	α Sagittarii	15 19 8	26	21.9	光度																					
35	Fomalhaut	11 16 24	29	54.1	地平視差																					
36	λ Scorpi	16 41 6	S 37	4.1	観半徑																					
37	Canozus	3 48 21	52	40.2	星名																					
38	α Perseis	13 49 39	56	54.3	赤經																					
39	Achernar	8 35 24	57	30.3	光度																					
40	β Crucis	21 26 29	59	24.2	地平視差																					
41	β Centauri	20 11 1	S 60	7.3	観半徑																					
42	α Centauri	19 35 6	60	37.2	星名																					
43	α Crucis	21 47 27	62	48.6	赤經																					
44	α Tri. Aus.	17 28 3	68	56.0	光度																					
45	β Carinae	0 58 29	S 69	30.2	地平視差																					

Re 10 11 9

◎太陽				P惑星			比例部分			(月 月齡14.9)				比例部分												
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀	d	U	E ₀	d	E ₀	d	U	E ₀	d										
0	11 46 36	S 9 34.2	0 0	♀金星											0	23 24 27	N 12 23.1	1 2	0 3	0.0						
2	46 37	32.4	10												2	5	5									
4	46 38	30.5	20												3	7	7									
6	46 39	28.7	30												5	9	9									
8	46 39	26.9	40												6	12	1.2									
10	46 40	25.0	0 50												8	14	4									
12	11 46 41	S 9 23.2	1 0												1.0	16	6	1.6								
14	46 42	21.3	10												1	18	1.8									
16	46 42	19.5	20												3	20	2									
18	46 43	17.6	30												4	22	2.2									
20	46 44	15.8	40												6	24	2.4									
22	46 45	13.9	1 50	7	26	2.6																				
24	11 46 46	S 9 12.0	2 0	1.9	28	2.8																				
(観半徑 S.D. 16 11)																										
No. 恒星 U=0 ⁿ の値				♂火星			♂木星			♂土星			P惑星													
No.	恒星	E ₀	d	h	m	s	°	'	"	h	m	s	°	'	"	h	m	s	°	'	"	星名	赤經	光度	地平視差	観半徑
1	Polaris	8 25 46	N 89	1.4	0	0	19	33	N 17	19.8	0	0	0	0	0	0	0	0	0	0	星名	赤經	光度	地平視差	観半徑	
2	Kochab	19 24 13	74	21.7	2	20	1	20.3	10	2	1										♀金星	0 58	-3.6	0.1	8	
3	Dalh	23 14 31	62	1.9	4	20	28	20.9	20	5	1										♂火星	9 56	-0.9	0.2	7	
4	β Cassio.	10 8 46	58	51.8	6	20	55	21.4	30	7	2										♂木星	17 39	-1.6	0.0	17	
5	Merk	23 16 20	56	39.6	8	21	22	22.0	40	9	2										♂土星	9 23	+0.2	0.0	9	
6	Altoh	21 23 19	N 56	14.3	10	21	50	22.5	0 50	11	3															
7	Schedir	9 37 36	56	15.2	12	0	22	17	N 17	23.1	1	0	14	0.3												
8	Mizar	20 53 14	55	11.5	14	22	44	23.7	10	16	4															
9	α Perse	6 54 31	49	40.9	16	23	11	24.2	20	18	4															
10	Bonetach	20 29 35	49	34.1	18	23	39	24.8	30	20	5															
11	Capella	5 2 15	N 45	57.1	20	24	6	25.3	40	23	5															
12	Donb	13 35 29	45	5.4	22	24	33	25.9	1 50	25	6															
13	Vega	15 39 57	33	43.7	24	0	25	0	N 17	26.4	2	0	27	0.6												
14	Castor	2 43 48	32	0.4	♂木星																					
15	Asphorati	10 9 25	29	48.2	♂土星																					
16	Polux	2 32 57	N 23	9.3	P惑星																					
17	α Cor. Bor.	18 42 37	26	53.0	星名																					
18	Arcturus	20 1 48	19	26.9	赤經																					
19	Aldebaran	5 42 10	16	24.4	光度																					
20	Morlab	11 12 58	14	55.4	地平視差																					
21	Deneb	22 23 40	N 14	51.7	観半徑																					
22	α Ophiuchi	16 42 36	12	35.5	星名																					
23	Regulus	0 9 29	12	13.3	赤經																					
24	Altair	14 26 53	8	43.5	光度																					
25	Betelgeuse	4 22 44	7	24.0	地平視差																					
26	Bellatrix	4 52 46	N 6	18.3	観半徑																					
27	Procyon	2 38 31	N 5	21.6	星名																					
28	Rigel	5 3 4	S 8	15.7	赤經																					
29	α Hydras	0 50 3	8	26.0	光度																					
30	Spica	20 52 39	10	53.5	地平視差																					
31	Sirius	3 32 14	S 16	38.7	観半徑																					
32	β Ceti	9 34 8	18	16.5	星名																					
33	Antares	17 48 54	26	19.2	赤經																					
34	α Sagittarii	15 23 5	26	21.9	光度																					
35	Fomalhaut	11 20 21	29	54.1	地平視差																					
36	λ Scorpi	16 45 2	S 37	4.1	観半徑																					
37	Canozus	3 52 17	52	40.2	星名																					
38	α Perseis	13 53 35	56	54.3	赤經																					
39	Achernar	8 39 20	57	30.3	光度																					
40	β Crucis	21 30 25	59	24.2	地平視差																					
41	β Centauri	20 14 58	S 60	7.3	観半徑																					
42	α Centauri	19 39 3	60	37.2	星名																					
43	α Crucis	21 51 23	62	48.6	赤經																					
44	α Tri. Aus.	17 31 59	68	56.0	光度																					
45	β Carinae	1 2 25	S 69	30.2	地平視差																					

Re 10 15 6

2月28日 昭和23年

☉ 太陽				♃ 水星				♄ 木星				♅ 金星				♆ 土星							
U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分				
h 0 11 47 6	S 8 27.3	0 0	0.0	h 20 57 23	N 7 48.1	0 0 0 0.0	0.0	h 12 0 35 50	N 17 39.0	0 0 0 0.0	0.0	h 12 0 38 31	N 17 41.9	1 0 14 0.3	0.3	h 12 0 33 56	S 10 16.8	1 2 0.2	0.2				
2 47 7	25.4	10	2	1 56 24	22.4	2 4 5	5	2 36 17	39.5	10 2 0	0	14 28 58	42.4	10 16 3	3	12 32 57	24.1	1 2 0.2	0.2				
4 47 7	23.5	20	3	2 55 25	30.1	3 6 0.8	0.8	4 36 44	40.0	20 5 1	1	16 39 25	42.9	20 18 3	3	13 31 58	31.5	2 4 5	5				
6 47 8	21.6	30	5	4 54 27	37.9	4 8 1.0	1.0	6 37 11	40.4	30 7 1	1	18 39 52	43.4	30 20 4	4	14 31 0	38.8	3 6 0.7	0.7				
8 47 9	19.8	40	6	6 53 28	45.6	5 10 3	3	8 37 37	40.9	40 9 2	2	20 40 19	43.9	40 23 4	4	15 29 2	10 53.5	4 8 1.0	1.0				
10 47 10	17.9	50	8	8 51 31	45.6	6 12 5	5	10 37 50	47.1	50 10 2	2	22 40 46	44.4	50 25 5	5	16 28 4	8.0	6 12 4	4				
12 11 47 11	S 8 16.0	1 0	1.0	10 50 32	8.7	8 16 2.0	2.0	11 36 51	9 54.5	25 49 3	3	24 40 46	44.4	1 50 25 5	5	17 27 5	8.0	7 14 7	7				
14 47 12	14.1	10	1	12 52 29	7 53.3	6 12 5	5	13 37 50	47.1	27 47 6.1	6	10 41 12	N 17 44.8	2 0 27 0.5	0.5	18 29 2	10 11.0	8 16 1.9	1.9				
16 47 13	12.2	20	3	14 51 39	8 1.0	7 14 1.8	1.8	15 36 51	9 54.5	25 49 3	3	12 40 46	44.4	1 50 25 5	5	19 29 2	10 11.0	9 18 3	3				
18 47 14	10.3	30	4	16 50 32	8.7	8 16 2.0	2.0	17 27 5	8.0	7 14 7	7	14 42 51	48.6	20 18 3	3	20 20 4	29.7	10 20 4	4				
20 47 15	8.5	40	6	18 49 34	16.4	9 18 3	3	19 27 5	8.0	7 14 7	7	16 44 13	49.1	30 20 4	4	21 10 20	46.2	14 24 2	2				
22 47 16	6.6	50	8	20 48 35	24.0	10 20 5	5	22 46 7	50.0	1 50 25 5	5	18 45 40	49.6	40 23 4	4	22 46 7	50.0	15 22 2	2				
24 11 47 16	S 8 4.7	2 0	1.9	22 47 36	31.7	12 22 2.8	2.8	24 46 7	50.0	1 50 25 5	5	20 45 40	49.6	40 23 4	4	24 46 7	50.0	1 50 25 5	5				
(観半徑 S.D. 16 11)				(H.P. 58.9, S.D. 16 3)				(H.P. 58.7, S.D. 15 59)				(H.P. 58.4, S.D. 15 55)				(H.P. 57.7, S.D. 15 43)				(H.P. 57.5, S.D. 15 39)			
☉ 太陽				♃ 水星				♄ 木星				♅ 金星				♆ 土星							
U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分				
h 0 11 47 6	S 8 27.3	0 0	0.0	h 20 57 23	N 7 48.1	0 0 0 0.0	0.0	h 12 0 35 50	N 17 39.0	0 0 0 0.0	0.0	h 12 0 38 31	N 17 41.9	1 0 14 0.3	0.3	h 12 0 33 56	S 10 16.8	1 2 0.2	0.2				
2 47 7	25.4	10	2	1 56 24	22.4	2 4 5	5	2 36 17	39.5	10 2 0	0	14 28 58	42.4	10 16 3	3	12 32 57	24.1	1 2 0.2	0.2				
4 47 7	23.5	20	3	2 55 25	30.1	3 6 0.8	0.8	4 36 44	40.0	20 5 1	1	16 39 25	42.9	20 18 3	3	13 31 0	31.5	2 4 5	5				
6 47 8	21.6	30	5	4 54 27	37.9	4 8 1.0	1.0	6 37 11	40.4	30 7 1	1	18 39 52	43.4	30 20 4	4	14 31 0	38.8	3 6 0.7	0.7				
8 47 9	19.8	40	6	6 53 28	45.6	5 10 3	3	8 37 37	40.9	40 9 2	2	20 40 19	43.9	40 23 4	4	15 29 2	10 53.5	4 8 1.0	1.0				
10 47 10	17.9	50	8	8 51 31	45.6	6 12 5	5	10 37 50	47.1	50 10 2	2	22 40 46	44.4	50 25 5	5	16 28 4	8.0	6 12 4	4				
12 11 47 11	S 8 16.0	1 0	1.0	10 50 32	8.7	8 16 2.0	2.0	11 36 51	9 54.5	25 49 3	3	24 40 46	44.4	1 50 25 5	5	17 27 5	8.0	7 14 7	7				
14 47 12	14.1	10	1	12 52 29	7 53.3	6 12 5	5	13 37 50	47.1	27 47 6.1	6	10 41 12	N 17 44.8	2 0 27 0.5	0.5	18 29 2	10 11.0	8 16 1.9	1.9				
16 47 13	12.2	20	3	14 51 39	8 1.0	7 14 1.8	1.8	15 36 51	9 54.5	25 49 3	3	12 40 46	44.4	1 50 25 5	5	19 29 2	10 11.0	9 18 3	3				
18 47 14	10.3	30	4	16 50 32	8.7	8 16 2.0	2.0	17 27 5	8.0	7 14 7	7	14 42 51	48.6	20 18 3	3	20 20 4	29.7	10 20 4	4				
20 47 15	8.5	40	6	18 49 34	16.4	9 18 3	3	19 27 5	8.0	7 14 7	7	16 44 13	49.1	30 20 4	4	21 10 20	46.2	14 24 2	2				
22 47 16	6.6	50	8	20 48 35	24.0	10 20 5	5	22 46 7	50.0	1 50 25 5	5	18 45 40	49.6	40 23 4	4	22 46 7	50.0	15 22 2	2				
24 11 47 16	S 8 4.7	2 0	1.9	22 47 36	31.7	12 22 2.8	2.8	24 46 7	50.0	1 50 25 5	5	20 45 40	49.6	40 23 4	4	24 46 7	50.0	1 50 25 5	5				
(観半徑 S.D. 16 11)				(H.P. 58.9, S.D. 16 3)				(H.P. 58.7, S.D. 15 59)				(H.P. 58.4, S.D. 15 55)				(H.P. 57.7, S.D. 15 43)				(H.P. 57.5, S.D. 15 39)			
☉ 太陽				♃ 水星				♄ 木星				♅ 金星				♆ 土星							
U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分				
h 0 11 47 6	S 8 27.3	0 0	0.0	h 20 57 23	N 7 48.1	0 0 0 0.0	0.0	h 12 0 35 50	N 17 39.0	0 0 0 0.0	0.0	h 12 0 38 31	N 17 41.9	1 0 14 0.3	0.3	h 12 0 33 56	S 10 16.8	1 2 0.2	0.2				
2 47 7	25.4	10	2	1 56 24	22.4	2 4 5	5	2 36 17	39.5	10 2 0	0	14 28 58	42.4	10 16 3	3	12 32 57	24.1	1 2 0.2	0.2				
4 47 7	23.5	20	3	2 55 25	30.1	3 6 0.8	0.8	4 36 44	40.0	20 5 1	1	16 39 25	42.9	20 18 3	3	13 31 0	31.5	2 4 5	5				
6 47 8	21.6	30	5	4 54 27	37.9	4 8 1.0	1.0	6 37 11	40.4	30 7 1	1	18 39 52	43.4	30 20 4	4	14 31 0	38.8	3 6 0.7	0.7				
8 47 9	19.8	40	6	6 53 28	45.6	5 10 3	3	8 37 37	40.9	40 9 2	2	20 40 19	43.9	40 23 4	4	15 29 2	10 53.5	4 8 1.0	1.0				
10 47 10	17.9	50	8	8 51 31	45.6	6 12 5	5	10 37 50	47.1	50 10 2	2	22 40 46	44.4	50 25 5	5	16 28 4	8.0	6 12 4	4				
12 11 47 11	S 8 16.0	1 0	1.0	10 50 32	8.7	8 16 2.0	2.0	11 36 51	9 54.5	25 49 3	3	24 40 46	44.4	1 50 25 5	5	17 27 5	8.0	7 14 7	7				
14 47 12	14.1	10	1	12 52 29	7 53.3	6 12 5	5	13 37 50	47.1	27 47 6.1	6	10 41 12	N 17 44.8	2 0 27 0.5	0.5	18 29 2	10 11.0	8 16 1.9	1.9				
16 47 13	12.2	20	3	14 51 39	8 1.0	7 14 1.8	1.8	15 36 51	9 54.5	25 49 3	3	12 40 46	44.4	1 50 25 5	5	19 29 2	10 11.0	9 18 3	3				
18 47 14	10.3	30	4	16 50 32	8.7	8 16 2.0	2.0	17 27 5	8.0	7 14 7	7	14 42 51	48.6	20 18 3	3	20 20 4	29.7	10 20 4	4				
20 47 15	8.5	40	6	18 49 34	16.4	9 18 3	3	19 27 5	8.0	7 14 7	7	16 44 13	49.1	30 20 4	4	21 10 20	46.2	14 24 2	2				
22 47 16	6.6	50	8	20 48 35	24.0	10 20 5	5	22 46 7	50.0	1 50 25 5	5	18 45 40	49.6	40 23 4	4	22 46 7	50.0	15 22 2	2				
24 11 47 16	S 8 4.7	2 0	1.9	22 47 36	31.7	12 22 2.8	2.8	24 46 7	50.0	1 50 25 5	5	20 45 40	49.6	40 23 4	4	24 46 7	50.0	1 50 25 5	5				
(観半徑 S.D. 16 11)				(H.P. 58.9, S.D. 16 3)				(H.P. 58.7, S.D. 15 59)				(H.P. 58.4, S.D. 15 55)				(H.P. 57.7, S.D. 15 43)				(H.P. 57.5, S.D. 15 39)			
☉ 太陽				♃ 水星				♄ 木星				♅ 金星				♆ 土星							
U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分	U	Eq	d	dの比例部分				
h 0 11 47 6	S 8 27.3	0 0	0.0	h 20 57 23	N 7 48.1	0 0 0 0.0	0.0	h 12 0 35 50	N 17 39.0	0 0 0 0.0	0.0	h 12 0 38 31	N 17 41.9	1 0 14 0.3	0.3	h 12 0 33 56	S 10 16.8	1 2 0.2	0.2				
2 47 7	25.4	10	2	1 56 24	22.4	2 4 5	5	2 36 17	39.5	10 2 0	0	14 28 58	42.4	10 16 3	3	12 32 57	24.1	1 2 0.2	0.2				
4 47 7	23.5	20	3	2 55 25	30.1	3 6 0.8	0.8	4 36 44	40.0	20 5 1	1	16 39 25	42.9	20 18 3	3	13 31 0	31.5	2 4 5	5				
6 47 8	21.6	30	5	4 54 27	37.9	4 8 1.0	1.0	6 37 11	40.4	30 7 1	1	18 39 52	43.4	30 20 4	4	14 31 0	38.8	3 6 0.7	0.7				
8 47 9	19.8	40	6	6 53 28	45.6	5 10 3	3	8 37 37	40.9	40 9 2	2	20 40 19	43.9	40 23 4	4	15 29 2	10 53.5	4 8 1.0	1.0				
10 47 10	17.9	50	8	8 51 31	45.6	6 12 5	5	10 37 50	47.1	50 10 2	2	22 40 46	44.4	50 25 5	5	16 28 4	8.0	6 12 4	4				
12 11 47 11	S 8 16.0	1 0	1.0	10 50 32	8.7	8 16 2.0	2.0	11 36 51	9 54.5	25 49 3	3	24 40 46	44.4	1 50 25 5	5	17 27 5	8.0	7 14 7	7				
14 47 12	14.1	10	1	12 52 29	7 53.3	6 12 5	5	13 37 50	47.1	27 47 6.1	6	10 41 12	N 17 44.8	2 0 27 0.5	0.5	18 29 2	10 11.0	8 16 1.9	1.9				
16 47 13	12.2	20	3	14 51 39	8 1.0	7 14 1.8	1.8	15 36 51	9 54.5	25 49 3	3	12 40 46	44.4	1 50 25 5									

Table with columns for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and stars (恒星). Includes astronomical data like right ascension, declination, and magnitude.

Table with columns for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and stars (恒星). Includes astronomical data like right ascension, declination, and magnitude.

Table titled '星の比例部分' (Proportional Parts of Stars) showing data for various stars and constellations, including right ascension, declination, and magnitude.

Table with 5 columns: U, E, d, dの比例部分. It contains two sub-tables, one for U=0h and one for U=30h, listing values for hours 0 through 23.

Main table for March 3rd, 1934. It includes sections for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Stars (恒星). Each section lists celestial objects with their coordinates and magnitudes.

Main table for March 4th, 1934. It includes sections for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Stars (恒星). Each section lists celestial objects with their coordinates and magnitudes.

Table titled 'P 惑星' (Planets) listing names, Right Ascension (R.A.), Magnitude (Mag.), and other parameters for Venus, Mars, Jupiter, and Saturn.

Table for March 5th showing Sun (太陽), Venus (金星), and Jupiter (木星) with columns for right ascension, declination, and magnitude.

Table for March 5th showing Sirius (天狼星) and other stars with columns for right ascension, declination, and magnitude.

Table for March 5th showing Saturn (土星) and other stars with columns for right ascension, declination, and magnitude.

Bottom text for page 66, including a reference to R0 10 50 35.

Table for March 6th showing Sun (太陽), Venus (金星), and Jupiter (木星) with columns for right ascension, declination, and magnitude.

Table for March 6th showing Sirius (天狼星) and other stars with columns for right ascension, declination, and magnitude.

Table for March 6th showing Saturn (土星) and other stars with columns for right ascension, declination, and magnitude.

Bottom text for page 67, including a reference to R0 10 54 32.

Table with columns for Sun (太陽), Stars (星), and Moon (月). Includes sub-headers like U, E, d, and E, d. Lists star coordinates and magnitudes.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Polaris, Kochab, Dubhe, etc.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Alath, Scholir, Mira, etc.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Deneb, Vega, Castor, etc.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Polux, Cor. Bor., Arcturus, etc.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Mars, Jupiter, Saturn.

Table with columns for Sun (太陽), Stars (星), and Moon (月). Includes sub-headers like U, E, d, and E, d. Lists star coordinates and magnitudes.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Polaris, Kochab, Dubhe, etc.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Alath, Scholir, Mira, etc.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Deneb, Vega, Castor, etc.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Polux, Cor. Bor., Arcturus, etc.

Table for Stars (星) with columns for No., magnitude (E), and distance (d). Lists stars like Mars, Jupiter, Saturn.

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes sub-columns for Right Ascension (h m s), Declination (d), and magnitude (E, d). Includes a small table for (観半徑 S.D. 16.8).

(観半徑 S.D. 16.8)

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Polaris, Kochab, Deneb, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Alhath, Scholir, Arcturus, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

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Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes sub-columns for Right Ascension (h m s), Declination (d), and magnitude (E, d). Includes a small table for (観半徑 S.D. 16.8).

(観半徑 S.D. 16.8)

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Polaris, Kochab, Deneb, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Alhath, Scholir, Arcturus, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

No. 米恒星 U=0h の値

Table listing star names (No. 米恒星) and their coordinates (h m s, d) and magnitudes (E, d). Stars include Altair, Vega, Sirius, etc.

戸惑星

Table with columns for planet names (星名), Right Ascension (赤緯), Magnitude (光度), and other data (地平高度, 観半徑).

戸惑星

Table with columns for planet names (星名), Right Ascension (赤緯), Magnitude (光度), and other data (地平高度, 観半徑).

Table with columns for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Planets (惑星). Includes astronomical data like RA, Dec, magnitude, and distance.

Table with columns for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Planets (惑星). Includes astronomical data like RA, Dec, magnitude, and distance.

太陽			惑星			月齢 2.1		
U	E _d	d	U	E _d	d	U	E _d	d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	m s f
0 11 50 18	S 3 2.6	0 0 0.0	金星			0 10 18 54	N 4 3.2	1 2 0.2
2 50 19	3 0.7	10 2	火星			1 17 12	17.3	3 5 7
4 50 20	2 58.7	20 3	木星			0 0 0 0.0	0 0 0.0	0 0 0.0
6 50 22	56.7	30 5	土星			1 17 12	17.3	3 5 7
8 50 23	54.8	40 7	天王星			2 15 31	31.4	5 9 1.2
10 50 24	52.8	0 50 0.8	海王星			3 13 50	45.4	7 12 6
12 11 50 26	S 2 50.8	1 0 1.0	(H.P. 55.4, S.D. 15.5)			4 12 8	4 59.5	8 14 1.9
14 50 27	48.8	10 2	金星			5 10 26	13.5	11 19 6
16 50 29	46.9	20 3	火星			6 10 8 44	N 5 27.6	16 27 3.7
18 50 30	44.9	30 5	木星			7 7 2	41.6	18 31 2
20 50 31	42.9	40 7	土星			8 5 20	5 55.6	20 34 7
22 50 33	41.0	1 50 1.8	天王星			9 3 38	9.6	22 37 5.1
24 11 50 34	S 2 39.0	2 0 2.0	海王星			10 2 46	16.6	23 39 4
(観半徑 S.D. 16.7)			金星			11 10 0 12	37.6	26 44 6.1
No. 米恒星			U=0 ^b の値			(H.P. 55.5, S.D. 15.7)		
1 Polaris	h m s	° ' "	金星			金星		
2 Kochab	20 31 13	74 21.8	火星			火星		
3 Dubhe	0 21 32	62 1.9	木星			木星		
4 β Cassio.	11 15 47	58 51.8	土星			土星		
5 Merak	0 23 22	56 39.7	天王星			天王星		
6 Alioth	22 30 20	N 86 14.3	海王星			海王星		
7 Schedir	9 44 38	56 15.2	金星			金星		
8 Mizar	22 0 15	55 11.6	火星			火星		
9 α Perai	8 1 33	49 40.9	木星			木星		
10 Rensnach	21 36 36	49 34.1	土星			土星		
11 Capella	6 9 17	N 45 57.1	天王星			天王星		
12 Deneb	14 42 30	45 5.3	海王星			海王星		
13 Vega	16 46 57	38 43.7	金星			金星		
14 Castor	3 50 50	32 0.4	火星			火星		
15 Alpheratz	11 16 28	28 48.1	木星			木星		
16 Pollux	3 39 59	N 28 9.3	土星			土星		
17 α Cor. Bor.	19 49 37	26 53.0	天王星			天王星		
18 Arcturus	21 8 49	19 26.9	海王星			海王星		
19 Aldebaran	6 49 12	16 24.4	金星			金星		
20 Markab	12 19 59	14 55.3	火星			火星		
21 Denebola	23 38 42	N 14 51.7	木星			木星		
22 α Ophiuchi	17 49 36	12 35.5	土星			土星		
23 Regulus	1 16 30	12 13.3	天王星			天王星		
24 Altair	15 33 54	8 43.5	海王星			海王星		
25 Betelgeuse	5 29 46	7 24.0	金星			金星		
26 Bellatrix	5 59 47	N 6 18.3	火星			火星		
27 Procyon	3 45 32	N 5 21.6	木星			木星		
28 Rigel	6 10 5	S 8 15.7	土星			土星		
29 α Hydraz	1 57 5	8 26.0	天王星			天王星		
30 Spica	21 59 40	10 53.6	海王星			海王星		
31 Sirius	4 39 16	S 16 38.7	金星			金星		
32 β Ceti	10 41 10	18 16.5	火星			火星		
33 Antares	18 55 54	26 19.1	木星			木星		
34 α Sagittarii	16 30 6	26 21.9	土星			土星		
35 Fomalhaut	12 27 22	29 54.2	天王星			天王星		
36 λ Scorpii	17 52 3	S 37 4.1	海王星			海王星		
37 Canopus	4 59 19	52 40.2	金星			金星		
38 α Pavoia	15 0 36	56 54.2	火星			火星		
39 Achernar	9 46 22	57 30.2	木星			木星		
40 β Crucis	22 37 26	59 24.3	土星			土星		
41 β Centauri	21 21 58	S 60 7.3	天王星			天王星		
42 α Centauri	20 46 3	60 37.3	海王星			海王星		
43 α Crucis	22 58 24	62 48.7	金星			金星		
44 α Tri. Aust.	18 38 59	68 56.0	火星			火星		
45 β Corvus	2 9 27	S 69 30.3	木星			木星		
Re	h m s	° ' "	土星			土星		
11 22 7			金星			金星		

太陽			惑星			月齢 3.1		
U	E _d	d	U	E _d	d	U	E _d	d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	m s f
0 11 53 34	S 2 39.0	0 0 0.0	金星			0 9 37 40	N 9 37.2	1 2 0.2
2 50 35	37.0	10 2	火星			1 36 47	44.0	2 4 4
4 50 37	35.1	20 3	木星			2 35 54	50.9	3 5 7
6 50 38	33.1	30 5	土星			3 35 1	9 57.7	4 7 0.9
8 50 40	31.1	40 7	天王星			4 34 8	10 4.5	5 9 1.1
10 50 41	29.1	0 50 0.8	海王星			5 33 15	11.2	6 11 3
12 11 57 42	S 2 27.2	1 0 1.0	(H.P. 55.8, S.D. 15.13)			6 32 22	18.0	7 12 6
14 50 44	25.2	10 2	金星			7 31 29	24.8	8 14 1.8
16 50 45	23.2	20 3	火星			8 30 36	31.6	9 16 2.0
18 50 47	21.2	30 5	木星			9 29 43	38.3	10 18 2
20 50 48	19.3	40 7	土星			10 28 50	45.1	11 19 5
22 50 49	17.3	1 50 1.8	天王星			11 27 56	51.8	12 21 7
24 11 50 51	S 2 15.3	2 0 2.0	海王星			12 26 9	11 5.2	13 23 2.9
(観半徑 S.D. 16.7)			金星			金星		
No. 米恒星			U=0 ^b の値			U=0 ^b の値		
1 Polaris	h m s	° ' "	金星			金星		
2 Kochab	9 40 0	N 89 1.3	火星			火星		
3 Dubhe	20 35 10	74 21.8	木星			木星		
4 β Cassio.	0 25 29	62 1.9	土星			土星		
5 Merak	11 19 44	58 51.8	天王星			天王星		
6 Alioth	0 27 18	56 39.7	海王星			海王星		
7 Schedir	22 34 17	N 56 14.3	金星			金星		
8 Mizar	9 48 34	55 15.2	火星			火星		
9 α Perai	22 4 11	55 11.6	木星			木星		
10 Rensnach	8 5 30	49 40.9	土星			土星		
11 Capella	6 13 14	N 45 57.1	天王星			天王星		
12 Deneb	14 46 26	45 5.3	海王星			海王星		
13 Vega	16 46 57	38 43.7	金星			金星		
14 Castor	3 54 54	33 43.7	火星			火星		
15 Alpheratz	3 54 46	32 0.4	木星			木星		
16 Pollux	11 20 24	28 48.1	土星			土星		
17 α Cor. Bor.	3 43 55	N 28 9.3	天王星			天王星		
18 Arcturus	19 53 34	26 53.0	海王星			海王星		
19 Aldebaran	21 12 46	19 26.9	金星			金星		
20 Markab	6 53 9	16 24.4	火星			火星		
21 Denebola	12 23 55	14 53.3	木星			木星		
22 α Ophiuchi	23 39 38	N 14 51.7	土星			土星		
23 Regulus	17 53 33	12 35.5	天王星			天王星		
24 Altair	1 20 27	12 13.3	海王星			海王星		
25 Betelgeuse	15 37 50	8 43.5	金星			金星		
26 Bellatrix	5 33 43	7 24.0	火星			火星		
27 Procyon	6 3 44	N 6 18.3	木星			木星		
28 Rigel	3 49 29	N 5 21.6	土星			土星		
29 α Hydraz	6 14 2	S 8 15.7	天王星			天王星		
30 Spica	2 1 1	8 26.0	海王星			海王星		
31 Sirius	22 3 36	10 53.6	金星			金星		
32 β Ceti	4 43 12	S 16 38.7	火星			火星		
33 Antares	10 45 6	18 16.5	木星			木星		
34 α Sagittarii	18 59 51	26 19.1	土星			土星		
35 Fomalhaut	16 34 2	26 21.9	天王星			天王星		
36 λ Scorpii	12 31 18	29 54.2	海王星			海王星		
37 Canopus	17 55 0	S 37 4.1	金星			金星		
38 α Pavoia	5 3 16	52 40.2	火星			火星		
39 Achernar	15 4 33	55 54.2	木星			木星		
40 β Crucis	9 50 19	57 30.2	土星			土星		
41 β Centauri	22 41 23	59 24.3	天王星			天王星		
42 α Centauri	21 25 55	S 60 7.3	海王星			海王星		
43 α Crucis	20 50 0	60 37.3	金星			金星		
44 α Tri. Aust.	23 2 21	62 48.7	火星			火星		
45 β Corvus	18 42 56	68 56.0	木星			木星		
Re	h m s	° ' "	土星			土星		
11 26 4			金星			金星		

◎ 太 陽				P 惑 星				C 月 月 齡 4.1			
U	E _s	d	dの比例部分	U	E _s	d	E _s d	U	E _c	d	E _c d
h	m	s		金星				h	m	s	
0	11 50 51	S 2 15.3	0 0 0.0	0	8 54 14	N14 53.4	1 2 0.2	0	8 54 14	N14 53.4	1 2 0.2
2	50 52	13.3	10 2	1	53 18	14 59.7	2 4 4	1	52 22	15 6.0	3 6 6
4	50 54	11.4	20 3	2	51 25	12.2	4 8 0.8	2	50 29	18.5	5 10 1.0
6	50 55	9.4	30 5	3	49 33	24.7	6 11 2	3	48 36	30.9	7 13 4
8	50 56	7.4	40 7	4	47 40	37.1	8 15 6	4	46 43	43.3	9 17 1.8
10	50 58	5.4	50 0.8	5	45 46	49.5	10 19 2.0	5	44 50	55.6	11 21 2
12	11 50 59	S 2 3.5	1 0 1.0	6	43 53	16 1.8	12 23 4	6	42 56	N16 7.9	13 25 6
14	51 1	2 1.5	10 2	7	41 1	20.1	14 27 2.8	7	40 4	26.2	15 29 3.0
16	51 2	1 59.5	20 3	8	39 7	32.2	16 30 3	8	38 9	38.2	17 32 5
18	51 4	57.5	30 5	9	37 12	44.3	18 34 7	9	36 14	50.3	19 35 3.9
20	51 5	55.6	40 7	10	35 16	56.3	20 35 4.1	10	34 18	62.4	21 40 3
22	51 6	53.6	50 0.8	11	33 21	8.2	22 42 5	11	32 23	14.1	23 44 7
24	11 51 8	S 1 51.6	2 0 2.0	12	31 25	20.0	24 46 4.9	12	30 26	25.9	25 48 5.1
(観半徑 S.D. 16' 7")				13	29 28	31.8	26 49 3	13	29 28	31.8	26 49 3
				14	28 30	37.6	27 51 5	14	27 31	43.5	28 53 7
				15	27 31	49.3	29 55 9	15	26 33	49.3	30 58 1
				16	25 34	17 55.1	32 00 0	16	25 34	17 55.1	32 00 0
				17	24 35	18 0.9	33 03 0	17	24 35	18 0.9	33 03 0
				18	23 37	6.7	34 06 0	18	23 37	6.7	34 06 0
				19	22 38	12.4	35 09 0	19	22 38	12.4	35 09 0
				20	21 39	18.1	36 12 0	20	21 39	18.1	36 12 0
				21	20 40	23.8	37 15 0	21	20 40	23.8	37 15 0
				22	19 40	N19 29.5	38 18 0	22	19 40	N19 29.5	38 18 0
				23	18 41	35.2	39 21 0	23	18 41	35.2	39 21 0
				24	17 42	40.8	40 24 0	24	17 42	40.8	40 24 0
				25	16 42	46.4	41 27 0	25	16 42	46.4	41 27 0
				26	15 43	52.0	42 30 0	26	15 43	52.0	42 30 0
				27	14 43	57.6	43 33 0	27	14 43	57.6	43 33 0
				28	13 43	63.2	44 36 0	28	13 43	63.2	44 36 0
				29	12 43	68.8	45 39 0	29	12 43	68.8	45 39 0
				30	11 43	74.4	46 42 0	30	11 43	74.4	46 42 0
				31	10 43	80.0	47 45 0	31	10 43	80.0	47 45 0
				32	9 43	85.6	48 48 0	32	9 43	85.6	48 48 0
				33	8 43	91.2	49 51 0	33	8 43	91.2	49 51 0
				34	7 42	N19 36.1	50 54 0	34	7 42	N19 36.1	50 54 0
				35	6 42	96.8	51 57 0	35	6 42	96.8	51 57 0
				36	5 42	102.4	52 60 0	36	5 42	102.4	52 60 0
				37	4 42	108.0	53 63 0	37	4 42	108.0	53 63 0
				38	3 42	113.6	54 66 0	38	3 42	113.6	54 66 0
				39	2 42	119.2	55 69 0	39	2 42	119.2	55 69 0
				40	1 42	124.8	56 72 0	40	1 42	124.8	56 72 0
				41	0 42	130.4	57 75 0	41	0 42	130.4	57 75 0
				42	0 41	136.0	58 78 0	42	0 41	136.0	58 78 0
				43	0 41	141.6	59 81 0	43	0 41	141.6	59 81 0
				44	0 41	147.2	60 84 0	44	0 41	147.2	60 84 0
				45	0 40	152.8	61 87 0	45	0 40	152.8	61 87 0
				46	0 40	158.4	62 90 0	46	0 40	158.4	62 90 0
				47	0 39	164.0	63 93 0	47	0 39	164.0	63 93 0
				48	0 39	169.6	64 96 0	48	0 39	169.6	64 96 0
				49	0 38	175.2	65 99 0	49	0 38	175.2	65 99 0
				50	0 38	180.8	66 02 0	50	0 38	180.8	66 02 0
				51	0 37	186.4	67 05 0	51	0 37	186.4	67 05 0
				52	0 37	192.0	68 08 0	52	0 37	192.0	68 08 0
				53	0 36	197.6	69 11 0	53	0 36	197.6	69 11 0
				54	0 36	203.2	70 14 0	54	0 36	203.2	70 14 0
				55	0 35	208.8	71 17 0	55	0 35	208.8	71 17 0
				56	0 35	214.4	72 20 0	56	0 35	214.4	72 20 0
				57	0 34	220.0	73 23 0	57	0 34	220.0	73 23 0
				58	0 34	225.6	74 26 0	58	0 34	225.6	74 26 0
				59	0 33	231.2	75 29 0	59	0 33	231.2	75 29 0
				60	0 33	236.8	76 32 0	60	0 33	236.8	76 32 0
				61	0 32	242.4	77 35 0	61	0 32	242.4	77 35 0
				62	0 32	248.0	78 38 0	62	0 32	248.0	78 38 0
				63	0 31	253.6	79 41 0	63	0 31	253.6	79 41 0
				64	0 31	259.2	80 44 0	64	0 31	259.2	80 44 0
				65	0 30	264.8	81 47 0	65	0 30	264.8	81 47 0
				66	0 30	270.4	82 50 0	66	0 30	270.4	82 50 0
				67	0 29	276.0	83 53 0	67	0 29	276.0	83 53 0
				68	0 29	281.6	84 56 0	68	0 29	281.6	84 56 0
				69	0 28	287.2	85 59 0	69	0 28	287.2	85 59 0
				70	0 28	292.8	86 62 0	70	0 28	292.8	86 62 0
				71	0 27	298.4	87 65 0	71	0 27	298.4	87 65 0
				72	0 27	304.0	88 68 0	72	0 27	304.0	88 68 0
				73	0 26	309.6	89 71 0	73	0 26	309.6	89 71 0
				74	0 26	315.2	90 74 0	74	0 26	315.2	90 74 0
				75	0 25	320.8	91 77 0	75	0 25	320.8	91 77 0
				76	0 25	326.4	92 80 0	76	0 25	326.4	92 80 0
				77	0 24	332.0	93 83 0	77	0 24	332.0	93 83 0
				78	0 24	337.6	94 86 0	78	0 24	337.6	94 86 0
				79	0 23	343.2	95 89 0	79	0 23	343.2	95 89 0
				80	0 23	348.8	96 92 0	80	0 23	348.8	96 92 0
				81	0 22	354.4	97 95 0	81	0 22	354.4	97 95 0
				82	0 22	360.0	98 98 0	82	0 22	360.0	98 98 0
				83	0 21	365.6	99 01 0	83	0 21	365.6	99 01 0
				84	0 21	371.2	100 04 0	84	0 21	371.2	100 04 0
				85	0 21	376.8	101 07 0	85	0 21	376.8	101 07 0
				86	0 20	382.4	102 10 0	86	0 20	382.4	102 10 0
				87	0 20	388.0	103 13 0	87	0 20	388.0	103 13 0
				88	0 19	393.6	104 16 0	88	0 19	393.6	104 16 0
				89	0 19	399.2	105 19 0	89	0 19	399.2	105 19 0
				90	0 18	404.8	106 22 0	90	0 18	404.8	106 22 0
				91	0 18	410.4	107 25 0	91	0 18	410.4	107 25 0
				92	0 17	416.0	108 28 0	92	0 17	416.0	108 28 0
				93	0 17	421.6	109 31 0	93	0 17	421.6	109 31 0
				94	0 16	427.2	110 34 0	94	0 16	427.2	110 34 0
				95	0 16	432.8	111 37 0	95	0 16	432.8	111 37 0
				96	0 15	438.4	112 40 0	96	0 15	438.4	112 40 0
				97	0 15	444.0	113 43 0	97	0 15	444.0	113 43 0
				98	0 14	449.6	114 46 0	98	0 14	449.6	114 46 0
				99	0 14	455.2	115 49 0	99	0 14	455.2	115 49 0
				100	0 13	460.8	116 52 0	100	0 13	460.8	116 52 0
				101	0 13	466.4	117 55 0	101	0 13	466.4	117 55 0
				102	0 12	472.0	118 58 0	102	0 12	472.0	118 58 0
				103	0 12	477.6	119 61 0	103	0 12	477.6	119 61 0
				104	0 11	483.2	120 64 0	104	0 11	483.2	120 64 0
				105	0 11	488.8	121 67 0	105	0 11	488.8	121 67 0
				106	0 11	494.4	122 70 0	106	0 11	494.4	122 70 0
				107	0 10	500.0	123 73 0	107	0 10	500.0	123 73 0
				108	0 10	505.6	124 76 0	108	0 10	505.6	124 76 0
				109	0 9	511.2	125 79 0	109	0 9	511.2	125 79 0
				110	0 9	516.8	126 82 0	110	0 9	516.8	126 82 0
				111	0 8	522.4	127 85 0	111	0 8	522.4	127 85 0
				112	0 8	528.0	128 88 0	112	0 8	528.0	128 88 0
				113	0 7	533.6	129 91 0	113	0 7	533.6	129 91 0
				114	0 7	539.2	130 94 0	114	0 7	539.2	130 94 0
				115	0 6	544.8	131 97 0	115	0 6	544.8	131 97 0
				116	0 6	550.4	132 100 0	116	0 6	550.4	132 100 0
				117	0 5	556.0	133 103 0	117	0 5	556.0	133 103 0
				118	0 5	561.6	134 106 0	118	0 5	561.6	134 106 0
				119	0 4	567.2	135 109 0	119	0 4	567.2	135 109 0
				120	0 4	572.8	136 112 0	120	0 4	572.8	136 112 0
				121	0 4	578.4	137 115 0	121	0 4	578.4	137 115 0
				122	0 3	584.0	138 118 0	122	0 3	584.0	138 118 0
				123	0 3	589.6</					

Table with columns for Sun (太陽), Planets (惑星), and Moon (月). Includes sub-tables for Venus (金星) and Mars (火星) with columns for Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table with columns for Sun (太陽), Planets (惑星), and Moon (月). Includes sub-tables for Venus (金星) and Mars (火星) with columns for Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for No. 米恒星 (No. of stars) with columns for star name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for Planets (惑星) with columns for planet name, Right Ascension (α), Declination (δ), and magnitude (m).

Table for Planets (惑星) with columns for planet name, Right Ascension (α), Declination (δ), and magnitude (m).

◎ 太陽				P 惑星				C 月 月齢 8.1				比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s	° ' "	h m s		♀ 金星				h m s	° ' "	h m s		♂ 火星			
0 11 52 0	S 0 40.5	0 0	0.0	0 5 25 35	N 27 16.7	1 2	2.0	0 2 16 0	N 18 42.5	0 0	0.0	0 2 16 0	N 18 42.5	0 0	0.0
2 52 1	38.5	10	2	1 23 8	17.4	3	7.0	2 16 23	42.5	10	2	2 16 23	42.5	10	2
4 52 3	36.5	20	3	2 20 41	17.9	5	12.1	4 16 46	42.6	20	4	4 16 46	42.6	20	4
6 52 4	34.5	30	5	4 9 9	18.1	7	15.1	6 17 8	42.6	30	6	6 17 8	42.6	30	6
8 52 6	32.5	40	7	6 9 7	18.3	9	17.1	8 17 31	42.6	40	8	8 17 31	42.6	40	8
10 52 7	30.6	50	0.8	8 9 5	18.4	11	20.1	10 17 53	42.6	50	1.0	10 17 53	42.6	50	1.0
12 11 52 9	S 0 28.6	1 0	1.0	10 9 3	18.5	13	23.1	12 2 18 16	N 18 42.6	1 0	0.1	12 2 18 16	N 18 42.6	1 0	0.1
14 52 10	26.6	10	2	12 9 9 1	N 17 17.9	1 0	1.1	14 18 39	42.6	10	1	14 18 39	42.6	10	1
16 52 12	24.6	20	3	14 8 59	20.0	10	1.2	16 19 1	42.7	20	1	16 19 1	42.7	20	1
18 52 13	22.7	30	5	16 8 57	22.0	20	1.3	18 19 23	42.7	30	1	18 19 23	42.7	30	1
20 52 15	20.7	40	7	18 8 55	24.0	30	2.5	20 19 46	42.7	40	1	20 19 46	42.7	40	1
22 52 16	18.7	1.50	1.8	20 8 53	26.1	40	2.7	22 20 8	42.7	1.50	2.1	22 20 8	42.7	1.50	2.1
24 11 52 18	S 0 16.7	2 0	2.0	22 8 51	28.1	1.50	2.1.8	24 2 20 31	N 18 42.7	2 0	2.3	24 2 20 31	N 18 42.7	2 0	2.3
(観半徑 S.D. 16.6)				24 9 8 49	N 17 30.1	2 0	2.2	(H.P. 59.2, S.D. 16.8)				(H.P. 59.4, S.D. 16.11)			
No. 米恒星				♂ 木星				P 惑星				比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	星名	赤緯	光度	地平視座	観半徑	比例部分		
1 Polaris	9 54 46	N 89 1.3		0 17 55 22	S 22 54.6	0 0	0.0	金星	2 37	-3.7	0.2	9			
2 Kochab	20 54 52	74 21.8		2 29 3	5.5	10	2.0	♂ 火星	9 30	-0.4	0.2	6			
3 Dubhe	0 45 11	62 2.0		4 29 3	5.5	20	4.0	♂ 木星	17 50	-1.7	0.0	18			
4 β Cassio.	11 39 27	58 51.7		6 29 24	5.6	30	5.0	♂ 土星	9 17	+0.3	0.0	9			
5 Merak	0 47 1	56 39.7		8 29 45	5.7	40	7.0								
6 Aliah	22 53 59	N 56 14.4		10 30 5	5.8	50	9.0								
7 Scheat	9 8 17	56 15.1		12 2 30 26	N 17 5.8	1 0	1.1								
8 Mizar	22 23 54	55 11.6		14 30 47	5.9	10	1.2								
9 α Persei	5 25 13	49 40.9		16 31 8	6.0	20	1.4								
10 Benetnash	22 0 15	49 34.1		18 31 28	6.0	30	1.6								
11 Capella	6 32 57	N 45 57.1		20 31 49	6.1	40	1.8								
12 Deneb	15 6 9	45 5.3		22 32 10	6.2	50	1.9								
13 Vega	17 10 37	38 43.6		24 2 32 30	N 17 6.3	2 0	2.1								
14 Castor	4 14 29	32 0.4													
15 Alpheratz	11 40 7	28 48.1													
16 Pollux	4 3 38	N 28 9.3													
17 α Cor. Bor.	20 13 16	26 53.0													
18 Arcturus	21 32 28	19 26.9													
19 Aldebaran	7 12 51	16 24.4													
20 Mar'ab	12 43 38	14 55.3													
21 Denebola	23 59 21	N 14 51.7													
22 α Ophiuchi	18 13 16	12 35.5													
23 Regulus	1 40 9	12 17.3													
24 Alaiar	15 57 33	8 3.5													
25 Betelgeuse	5 53 25	7 24.0													
26 Bellatrix	6 23 27	N 6 18.3													
27 Procyon	4 9 12	N 5 21.6													
28 Rigel	6 33 45	S 8 15.7													
29 α Hydraz	2 20 44	8 26.0													
30 Spica	22 23 19	10 53.6													
31 Sirius	5 2 55	S 16 38.7													
32 β Ceti	11 4 49	18 16.4													
33 Antares	19 19 34	26 19.1													
34 α Sagittarii	16 53 45	26 21.9													
35 Fomalhaut	12 51 1	29 54.2													
36 λ Scorpii	18 15 42	S 37 4.1													
37 Canopus	5 22 59	52 40.2													
38 α Pavois	15 24 15	55 54.2													
39 Ach'rar	10 10 2	57 30.2													
40 β Crucia	23 1 5	59 24.3													
41 β Centauri	21 45 37	S 60 7.4													
42 α Centauri	21 9 43	60 37.3													
43 α Crucia	23 22 3	62 48.7													
44 α Tri. Aus.	19 2 38	68 56.0													
45 β Carinus	2 33 7	S 69 30.3													
R ₀ 11 45 47															

◎ 太陽				P 惑星				C 月 月齢 9.1				比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s	° ' "	h m s		♀ 金星				h m s	° ' "	h m s		♂ 火星			
0 11 52 18	S 0 16.7	0 0	0.0	0 4 26 16	N 26 42.9	1 2	0.1	0 2 20 31	N 18 42.7	0 0	0.0	0 2 20 31	N 18 42.7	0 0	0.0
2 52 19	14.8	10	2	1 23 47	41.0	2	5.2	2 20 53	42.7	10	2	2 20 53	42.7	10	2
4 52 21	12.8	20	3	2 22 33	39.1	3	7.2	4 21 16	42.7	20	4	4 21 16	42.7	20	4
6 52 22	10.8	30	5	2 21 19	37.2	4	10.3	6 21 33	42.7	30	6	6 21 33	42.7	30	6
8 52 24	8.8	40	7	2 20 4	35.2	5	12.4	8 22 0	42.7	40	8	8 22 0	42.7	40	8
10 52 25	6.9	0.50	0.8	3 18 50	31.1	7	17.6	10 22 23	42.7	50	9	10 22 23	42.7	50	9
12 11 52 27	S 0 4.9	1 0	1.0	4 16 21	26.8	9	22.7	12 22 45	N 18 42.7	1 0	1.1	12 22 45	N 18 42.7	1 0	1.1
14 52 28	2.9	10	2	5 15 7	24.6	10	25.8	14 23 7	42.6	10	1	14 23 7	42.6	10	1
16 52 30	S 0 0.9	20	3	6 13 53	22.3	11	27.0	16 23 29	42.6	20	1	16 23 29	42.6	20	1
18 52 31	N 0 1.0	30	5	7 12 38	20.0	12	30.0	18 23 52	42.6	30	1	18 23 52	42.6	30	1
20 52 33	3.0	40	7	8 11 27	18.5	13	32.1	20 24 14	42.6	40	1	20 24 14	42.6	40	1
22 52 34	5.0	1.50	1.8	9 10 12	17.0	14	34.2	22 24 36	42.6	1.50	2.0	22 24 36	42.6	1.50	2.0
24 11 52 36	N 0 7.0	2 0	2.0	10 9 22	15.5	15	37.2	24 2 24 58	N 18 42.6	2 0	2.2	24 2 24 58	N 18 42.6	2 0	2.2
(観半徑 S.D. 16.5)				11 8 33	14.5	26	6.4	(H.P. 59.5, S.D. 16.13)				(H.P. 59.7, S.D. 16.16)			
No. 米恒星				♂ 木星				P 惑星				比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	星名	赤緯	光度	地平視座	観半徑	比例部分		
1 Polaris	10 3 43	N 89 1.3		0 2 20 31	N 18 42.7	0 0	0.0	金星	2 37	-3.7	0.2	9			
2 Kochab	20 58 49	74 21.8		2 20 53	42.7	10	2.0	♂ 火星	9 30	-0.4	0.2	6			
3 Dubhe	0 49 8	62 2.0		4 21 16	42.7	20	4.0	♂ 木星	17 50	-1.7	0.0	18			
4 β Cassio.	11 43 23	58 51.7		6 21 33	42.7	30	6.0	♂ 土星	9 17	+0.3	0.0	9			
5 Merak	0 50 58	56 39.7		8 22 0	42.7	40	8.0								
6 Aliah	22 57 56	N 56 14.4		10 22 23	42.7	50	9.0								
7 Scheat	9 12 14	56 15.1		12 22 45	N 18 42.7	1 0	1.1								
8 Mizar	22 27 51	55 11.6		14 23 7	42.6	10	1								
9 α Persei	5 29 9	49 40.9		16 23 29	42.6	20	1								
10 Benetnash	22 4 12	49 34.1		18 23 52	42.6	30	1								
11 Capella	6 36 53	N 45 57.1		20 24 14	42.6	40	1								
12 Deneb	15 10 5	45 5.3		22 24 36	42.6	1.50	2.0								
13 Vega	17 14 33	38 43.6		24 2 24 58	N 18 42.6	2 0	2.2								
14 Castor	4 18 25	32 0.4													
15 Alpheratz	11 44 3	28 48.1													
16 Pollux	4 7 35	N 28 9.3													
17 α Cor. Bor.	20 17 12	26 53.0													
18 Arcturus	21 36 25	19 26.9													
19 Aldebaran	7 16 48	16 24.4													
20 Mar'ab	12 47 35	14 55.3													
21 Denebola	0 3 18	N 14 51.7													
22 α Ophiuchi	18 17 12	12 35.5													
23 Regulus	1 44 6	12 13.3													
24 Alaiar	16 1 29	8 43.5													
25 Betelgeuse	5 57 22	7 24.0													
26 Bellatrix	6 27 23	N 6 18.3													
27 Procyon	4 13 8	N 5 21.6													
28 Rigel	6 37 41	S 8 15.7													
29 α Hydraz	2 24 41	8 26.0													
30 Spica	22 27 15	10 53.6													
31 Sirius	5 6 52	S 16 38.7													
32 β Ceti	11 8 45	18 16.4													
33 Antares	19 23 30	26 19.1													
34 α Sagittarii	16 57 41	26 21.9													
35 Fomalhaut	12 54 58	29 54.2													
36 λ Scorpii	18 19 39	S 37 4.1													
37 Canopus	5 26 55	52 40.2													
38 α Pavois	15 28 12	56 54.2													
39 Ach'rar	10 13 58	57 30.2													
40 β Crucia	23 5 2	59 24.3													
41 β Centauri	21 49 34	S 60 7.4													
42 α Centauri	21 13 39	60 37.3													
43 α Crucia	23 26 0	62 48.7													
44 α Tri. Aus.	19 6 34	68 56.0													
45 β Carinus	2 37 3	S 69 30.3													
R ₀ 11 49 43															

◎ 太陽				P 惑星				(月 月齡 10.1)			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _t	d	E _t d
h m s	° ' "	h m s		♀ 金星				h m s	° ' "	m s /	
0 11 52 36	N 0 7.0	0 0	0.0					0 3 27 11	N24 22.3	1 2	0.2
2 52 37	10.9	10	2					1 25 58	18.2	2 5	3
4 52 39	12.9	20	3					2 24 45	14.1	3 7	5
6 52 40	14.9	30	5					2 23 32	10.0	4 10	6
8 52 42	16.8	40	7					3 22 19	5.9	5 12	8
10 52 43	18.8	50	0.8					3 21 7	24 1.7	6 14	0.9
12 11 52 45	N 0 18.8	1 0	1.0					3 19 54	23 57.5	7 17	1.1
14 52 46	20.8	10	2					4 18 41	18 21	8 19	2
16 52 48	22.8	20	3					4 17 29	48.9	9 22	4
18 52 49	24.7	30	5					5 16 16	44.5	10 24	5
20 52 51	26.7	40	7					5 15 4	40.1	11 26	7
22 52 52	28.7	50	1.8					6 13 52	35.6	12 29	1.8
24 11 52 54	N 0 30.7	2 0	2.0					(H.P. 60.1, S.D. 16.22)		13 31	2.0
(観半徑 S.D. 16' 5)								14 34	1	14 34	1
								15 36	3	15 36	3
								16 38	4	16 38	4
								17 41	6	17 41	6
								18 43	7	18 43	7
								19 46	2.9	19 46	2.9
								20 48	3.0	20 48	3.0
								21 50	2	21 50	2
								22 52	3	22 52	3
								23 54	3	23 54	3
								24 56	3	24 56	3
								25 58	3	25 58	3
								26 59	3	26 59	3
								27 59	3	27 59	3
								28 59	3	28 59	3
								29 59	3	29 59	3
								30 59	3	30 59	3
								31 59	3	31 59	3
								32 59	3	32 59	3
								33 59	3	33 59	3
								34 59	3	34 59	3
								35 59	3	35 59	3
								36 59	3	36 59	3
								37 59	3	37 59	3
								38 59	3	38 59	3
								39 59	3	39 59	3
								40 59	3	40 59	3
								41 59	3	41 59	3
								42 59	3	42 59	3
								43 59	3	43 59	3
								44 59	3	44 59	3
								45 59	3	45 59	3
								46 59	3	46 59	3
								47 59	3	47 59	3
								48 59	3	48 59	3
								49 59	3	49 59	3
								50 59	3	50 59	3
								51 59	3	51 59	3
								52 59	3	52 59	3
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								67 59	3	67 59	3
								68 59	3	68 59	3
								69 59	3	69 59	3
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								98 59	3	98 59	3
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								104 59	3	104 59	3
								105 59	3	105 59	3
								106 59	3	106 59	3
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								112 59	3	112 59	3
								113 59	3	113 59	3
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								120 59	3	120 59	3
								121 59	3	121 59	3
								122 59	3	122 59	3
								123 59	3	123 59	3
								124 59	3	124 59	3
								125 59	3	125 59	3
								126 59	3	126 59	3
								127 59	3	127 59	3
								128 59	3	128 59	3
								129 59	3	129 59	3
								130 59	3	130 59	3
								131 59	3	131 59	3
								132 59	3	132 59	3
								133 59	3	133 59	3
								134 59	3	134 59	3
								135 59	3	135 59	3
								136 59	3	136 59	3
								137 59	3	137 59	3
								138 59	3	138 59	3
								139 59	3	139 59	3
								140 59	3	140 59	3
								141 59	3	141 59	3
								142 59	3	142 59	3
								143 59	3	143 59	3
								144 59	3	144 59	3
								145 59	3	145 59	3
								146 59	3	146 59	3
								147 59	3	147 59	3
								148 59	3	148 59	3
								149 59	3	149 59	3
								150 59	3	150 59	3
								151 59	3	151 59	3
								152 59	3	152 59	3
								153 59	3	153 59	3
								154 59	3	154 59	3
								155 59	3	155 59	3
								156 59	3	156 59	3
								157 59	3	157 59	3
								158 59	3	158 59	3
								159 59	3	159 59	3
								160 59	3	160 59	3
								161 59	3	161 59	3
								162 59	3	162 59	3
								163 59	3	163 59	3
								164 59	3	164 59	3
								165 59	3	165 59	3
								166 59	3	166 59	3
								167 59	3	167 59	3
								168 59	3	168 59	3
								169 59	3	169 59	3
								170 59	3	170 59	3
								171 59	3	171 59	3
								172 59	3	172 59	3
								173 59	3	173 59	3
								174 59	3	174 59	3
								175 59	3	175 59	3
								176 59	3	176 59	3
								177 59	3	177 59	3
								178 59	3	178 59	3
								179 59	3	179 59	3
								180 59	3	180 59	3
								181 59	3	181 59	3
								182 59	3	182 59	3
								183 59	3	183 59	3
								184 59	3	184 59	3
								185 59	3	185 59	3
								186 59	3	186 59	3
								187 59	3	187 59	3
								188 59	3	188 59	3
								189 59	3	189 59	3
								190 59	3	190 59	3
								191 59	3	191 59	3
								192 59	3	192 59	3
								193 59	3	193 59	3
								194 59	3	194 59	3
								195 59	3	195 59	3
								196 59	3	196 59	3
								197 59	3	197 59	3
								198 59	3	198 59	3
								199 59	3	199 59	3
								200 59	3	200 59	3
								201 59	3	201 59	3
								202 59	3	2	

◎太陽				P 惑星			比例部分			(月 月齡 12.1)				比例部分						
U	E ₂	d	dの比例部分	U	E ₂	d	E ₂ d	U	E ₂	d	E ₂ d	U	E ₂	d	E ₂ d					
h	m	s		♀金星							h	m	s		h	m	s			
0	11	53	12	0	1	35	43	N15	5.3	1	2	0.3	0	1	35	43	0	1	35	43
2	53	14	56.3	1	33	32	50.7	3	6	0.8	1	33	32	50.7	2	53	14	56.3		
4	53	15	0.58.3	2	32	26	43.3	4	9	1.0	2	32	26	43.3	4	53	15	0.58.3		
6	53	17	1 0.2	2	7	33	43.2	10	0	2	2	7	33	43.2	6	53	17	1 0.2		
8	53	18	2.2	4	7	31	45.1	20	0	3	4	7	31	45.1	8	53	18	2.2		
10	53	20	4.2	4	7	29	47.0	30	1	5	4	7	29	47.0	10	53	20	4.2		
				6	7	29	49.0	40	1	6	6	7	29	49.0						
				8	7	26	49.0	40	1	6	8	7	26	49.0						
12	11	53	21	10	7	24	50.9	0	50	1.0	10	7	24	50.9	12	11	53	21		
14	53	23	8.1												14	53	23	8.1		
16	53	24	10.1	12	9	7	22	N18	52.8	1	0	1.0	12	9	7	22	16	53	24	10.1
18	53	26	12.1	14	7	20	54.7	10	1	1	14	7	20	54.7	18	53	26	12.1		
20	53	27	14.0	16	7	18	56.6	20	1	3	16	7	18	56.6	20	53	27	14.0		
22	53	29	16.0	18	7	16	58.5	30	2	4	18	7	16	58.5	22	53	29	16.0		
24	11	53	30	20	7	14	19 0.4	40	2	6	20	7	14	19 0.4	24	11	53	30		
				22	7	12	2.3	1	50	2.7	22	7	12	2.3						
				24	9	7	10	N19	4.2	2	0	2.9	24	9	7	10				
(観半徑 S.D. 16' 5")																				
No. 恒星				♂火星				♂火星				♂火星								
U=Obの値				♂木星				♂木星				♂木星								
No.	E ₂	d		♂土星				♂土星				♂土星								
1	Polaris	10 15 34	N89 1.3	♂土星				♂土星				♂土星								
2	Kochab	21 10 38	74 21.8	♂土星				♂土星				♂土星								
3	Dubhe	1 0 58	62 2.0	♂土星				♂土星				♂土星								
4	β Cassiop.	11 55 13	58 51.7	♂土星				♂土星				♂土星								
5	Mercab	1 2 47	56 39.7	♂土星				♂土星				♂土星								
6	Alioth	23 9 45	N56 14.4	♂土星				♂土星				♂土星								
7	Schedir	11 24 3	56 15.1	♂土星				♂土星				♂土星								
8	Mizar	22 39 40	55 11.6	♂土星				♂土星				♂土星								
9	α Persei	8 40 59	49 40.9	♂土星				♂土星				♂土星								
10	Benetnasch	22 16 1	49 34.1	♂土星				♂土星				♂土星								
11	Capella	6 48 43	N45 57.1	♂土星				♂土星				♂土星								
12	Demoh	15 21 55	45 5.3	♂土星				♂土星				♂土星								
13	Vega	17 25 23	38 43.6	♂土星				♂土星				♂土星								
14	Castor	4 30 15	32 0.4	♂土星				♂土星				♂土星								
15	Alpharatz	11 55 53	28 48.1	♂土星				♂土星				♂土星								
16	Pollux	4 19 24	N28 9.3	♂土星				♂土星				♂土星								
17	α Cor. Bor.	20 29 2	26 53.0	♂土星				♂土星				♂土星								
18	Arcturus	21 48 15	19 26.9	♂土星				♂土星				♂土星								
19	Aldebaran	7 28 38	16 24.4	♂土星				♂土星				♂土星								
20	Markab	12 59 24	14 55.3	♂土星				♂土星				♂土星								
21	Denebola	0 15 7	N14 51.7	♂土星				♂土星				♂土星								
22	α Ophiuchi	18 29 2	12 35.5	♂土星				♂土星				♂土星								
23	Rogulus	1 55 56	12 13.3	♂土星				♂土星				♂土星								
24	Altair	16 13 19	8 43.5	♂土星				♂土星				♂土星								
25	Betelgeuse	6 9 12	7 24.0	♂土星				♂土星				♂土星								
26	Bellatrix	6 39 13	N 6 18.3	♂土星				♂土星				♂土星								
27	Procyon	4 24 58	N 5 21.6	♂土星				♂土星				♂土星								
28	Rigel	6 49 31	S 8 15.7	♂土星				♂土星				♂土星								
29	α Hydrae	2 36 30	8 26.8	♂土星				♂土星				♂土星								
30	Spica	22 39 5	10 53.6	♂土星				♂土星				♂土星								
31	Sirius	5 18 41	S16 38.7	♂土星				♂土星				♂土星								
32	β Ceti	11 20 35	18 16.4	♂土星				♂土星				♂土星								
33	Antares	19 35 20	26 19.1	♂土星				♂土星				♂土星								
34	α Sagittarii	17 9 31	26 21.9	♂土星				♂土星				♂土星								
35	Fomalhaut	13 6 47	29 54.2	♂土星				♂土星				♂土星								
36	λ Scorpii	18 31 28	S37 4.1	♂土星				♂土星				♂土星								
37	Canopus	5 38 45	S2 40.2	♂土星				♂土星				♂土星								
38	α Pictoris	15 40 1	56 54.2	♂土星				♂土星				♂土星								
39	Achernar	10 25 48	57 30.2	♂土星				♂土星				♂土星								
40	β Crucis	23 16 51	59 24.3	♂土星				♂土星				♂土星								
41	β Centauri	22 1 24	S60 7.4	♂土星				♂土星				♂土星								
42	α Centauri	21 25 29	60 37.3	♂土星				♂土星				♂土星								
43	α Crucis	23 37 50	62 48.7	♂土星				♂土星				♂土星								
44	α Tri. Aust.	19 18 24	68 56.0	♂土星				♂土星				♂土星								
45	β Crinot	2 48 53	S69 30.3	♂土星				♂土星				♂土星								
R ₀ 12 1 33																				

◎太陽				P 惑星			比例部分			(月 月齡 13.1)				比例部分						
U	E ₂	d	dの比例部分	U	E ₂	d	E ₂ d	U	E ₂	d	E ₂ d	U	E ₂	d	E ₂ d					
h	m	s		♀金星							h	m	s		h	m	s			
0	11	53	30	0	1	35	43	N15	5.3	1	2	0.3	0	1	35	43	0	1	35	43
2	53	32	19.9	1	33	32	50.7	3	6	0.8	1	33	32	50.7	2	53	32	19.9		
4	53	33	21.9	2	32	26	43.3	4	9	1.0	2	32	26	43.3	4	53	33	21.9		
6	53	35	23.9	2	7	33	43.2	10	0	2	2	7	33	43.2	6	53	35	23.9		
8	53	36	25.8	4	7	31	45.1	20	0	3	4	7	31	45.1	8	53	36	25.8		
10	53	38	27.8	4	7	29	47.0	30	1	5	4	7	29	47.0	10	53	38	27.8		
				6	7	29	49.0	40	1	6	6	7	29	49.0						
				8	7	26	49.0	40	1	6	8	7	26	49.0						
12	11	53	39	10	7	24	50.9	0	50	1.0	10	7	24	50.9	12	11	53	39		
14	53	41	31.7												14	53	41	31.7		
16	53	42	33.7	12	9	7	22	N18	52.8	1	0	1.0	12	9	7	22	16	53	42	33.7
18	53	44	35.7	14	7	20	54.7	10	1	1	14	7	20	54.7	18	53	44	35.7		
20	53	46	37.6	16	7	18	56.6	20	1	3	16	7	18	56.6	20	53	46	37.6		
22	53	47	39.6	18	7	16	58.5	30	2	4	18	7	16	58.5	22	53	47	39.6		
24	11	53	49	20	7	14	19 0.4	40	2	6	20	7	14	19 0.4	24	11	53	49		
				22	7	12	2.3	1	50	2.7	22	7	12	2.3						
				24	9	7	10	N19	4.2	2	0	2.9	24	9	7	10				
(観半徑 S.D. 16' 4")																				
No. 恒星				♂火星				♂火星				♂火星								
U=Obの値				♂木星				♂木星				♂木星								
No.	E ₂	d		♂土星				♂土星				♂土星								
1	Polaris	10 15 31	N89 1.3	♂土星				♂土星				♂土星								
2	Kochab	21 14 35	74 21.8	♂土星				♂土星				♂土星								
3	Dubhe	1 4 54	62 2.0	♂土星				♂土星				♂土星								
4	β Cassiop.	11 59 9	58 51.7	♂土星				♂土星				♂土星								
5	Mercab	1 6 44	56 39.7	♂土星				♂土星				♂土星								
6	Alioth	23 13 42	N56 14.4	♂土星				♂土星				♂土星								
7	Schedir	11 28 0	56 15.1	♂土星				♂土星				♂土星								
8	Mizar	22 43 37	55 11.6	♂土星				♂土星				♂土星								
9	α Persei	8 44 55	49 40.9	♂土星				♂土星				♂土星								
10	Benetnasch	22 19 58	49 34.1	♂土星				♂土星				♂土星								
11	Capella	6 52 40	N45 57.1	♂土星				♂土星				♂土星								
12	Demoh	15 25 52	45 5.3	♂土星				♂土星				♂土星								
13	Vega	17 30 19	38 43.6	♂土星				♂土星				♂土星								
14	Castor	4 34 12	32 0.4	♂土星				♂土星				♂土星								
15	Alpharatz	11 59 50	28 48.1	♂土星				♂土星				♂土星								
16	Pollux	4 23 21	N28 9.3	♂土星				♂土星				♂土星								
17	α Cor. Bor.	20 32 59	26 53.0	♂土星				♂土星				♂土星								
18	Arcturus	21 52 11	19 26.9	♂土星				♂土星				♂土星								
19	Aldebaran	7 32 34	16 24.4	♂土星				♂土星				♂土星								
20	Markab	13 3 21	14 55.3	♂土星				♂土星				♂土星								
21	Denebola	0 19 4	N14 51.7	♂土星				♂土星				♂土星								
22	α Ophiuchi	18 32 58	12 35.5	♂土星				♂土星				♂土星								
23	Rogulus	1 59 52	12 13.3	♂土星				♂土星				♂土星								
24	Altair	16 17 15	8 43.5	♂土星				♂土星												

◎太陽				P 惑星				C 月 月齡14.1				
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _c	d	E _c d	
h m s	°	'	"	♀金星	h m s	°	'	♂火星	h m s	°	'	
0 11 53.49	N 1 41.6	0 0	0.0	0 23 54.57	N 2 12.4	0 0	0.0	0 23 54.57	N 2 12.4	0 0	0.0	
2 53 50	43.5	10	2	1 53 56	2 4.0	1 52 55	1 55.6	1 53 56	2 4.0	1 52 55	1 55.6	
4 53 52	45.5	20	3	2 50 55	30.3	2 50 55	30.3	2 50 55	30.3	2 50 55	30.3	
6 53 53	47.5	30	5	3 48 54	21.8	3 48 54	21.8	3 48 54	21.8	3 48 54	21.8	
8 53 55	49.4	40	7	4 46 53	14.9	4 46 53	14.9	4 46 53	14.9	4 46 53	14.9	
10 53 56	51.4	50	0.8	5 45 52	9.9	5 45 52	9.9	5 45 52	9.9	5 45 52	9.9	
12 53 58	N 1 53.3	1 0	1.0	6 43 52	39.6	6 43 52	39.6	6 43 52	39.6	6 43 52	39.6	
14 53 59	55.3	10	2	7 41 51	22.8	7 41 51	22.8	7 41 51	22.8	7 41 51	22.8	
16 54 1	57.3	20	3	8 39 51	14.4	8 39 51	14.4	8 39 51	14.4	8 39 51	14.4	
18 54 2	1 59.2	30	5	9 37 50	9.9	9 37 50	9.9	9 37 50	9.9	9 37 50	9.9	
20 54 4	2 1.2	40	7	10 36 50	27.7	10 36 50	27.7	10 36 50	27.7	10 36 50	27.7	
22 54 5	3.2	50	1.8	11 35 50	36.1	11 35 50	36.1	11 35 50	36.1	11 35 50	36.1	
24 54 7	N 2 5.1	2 0	2.0	12 34 50	44.5	12 34 50	44.5	12 34 50	44.5	12 34 50	44.5	
(観半徑 S.D. 16.4)				(H.P. 60.2, S.D. 16.24)				(H.P. 60.1, S.D. 16.22)				
No. 米恒星 U=0hの値				♂火星				♂火星				
No.	米恒星	E ₀	d	♂火星	h m s	°	'	♂火星	h m s	°	'	
1	Polaris	10 23 28	N 89 1.3	12 24 22	N 18 38.9	1 0 11 0.1	12 24 22	N 18 38.9	1 0 11 0.1	12 24 22	N 18 38.9	
2	Kochab	21 18 31	74 21.8	14 44 43	38.8	10 12 1	14 44 43	38.8	10 12 1	14 44 43	38.8	
3	Liuh	1 8 51	62 2.0	16 45 4	38.7	20 14 1	16 45 4	38.7	20 14 1	16 45 4	38.7	
4	γ Cassiope	12 3 6	58 51.7	18 45 25	38.6	30 16 1	18 45 25	38.6	30 16 1	18 45 25	38.6	
5	Mirak	1 10 40	56 39.8	20 45 46	38.4	40 18 1	20 45 46	38.4	40 18 1	20 45 46	38.4	
6	Aboak	23 17 38	N 56 14.4	22 46 7	38.3	1 50 19 1	22 46 7	38.3	1 50 19 1	22 46 7	38.3	
7	Scholar	11 31 57	56 15.1	24 2 46 28	N 18 38.2	2 0 21 0.1	24 2 46 28	N 18 38.2	2 0 21 0.1	24 2 46 28	N 18 38.2	
8	Misar	22 47 33	55 11.6	♂火星								
9	α Persei	8 48 52	49 40.8	♂火星	h m s	°	'	♂火星	h m s	°	'	
10	β Andromed	22 23 54	49 34.1	0 18 17 6	S 22 55.0	0 0 0 0.0	0 18 17 6	S 22 55.0	0 0 0 0.0	0 18 17 6	S 22 55.0	
11	Cassiope	6 56 36	N 45 57.1	2 17 24	55.0	10 2 0	2 17 24	55.0	10 2 0	2 17 24	55.0	
12	Deneb	15 29 48	45 5.3	4 17 42	55.0	20 3 0	4 17 42	55.0	20 3 0	4 17 42	55.0	
13	Vega	17 34 16	38 43.6	6 18 1	55.0	30 5 0	6 18 1	55.0	30 5 0	6 18 1	55.0	
14	Altair	4 38 9	32 0.4	8 18 19	55.0	40 6 0	8 18 19	55.0	40 6 0	8 18 19	55.0	
15	Alpheratz	12 3 46	28 48.1	10 18 37	55.0	0 50 8 0	10 18 37	55.0	0 50 8 0	10 18 37	55.0	
16	Polux	4 27 18	N 28 9.3	12 18 18 56	S 22 55.0	1 0 9 0.1	12 18 18 56	S 22 55.0	1 0 9 0.1	12 18 18 56	S 22 55.0	
17	α Car. Bar.	20 36 55	26 53.0	14 19 14	55.0	10 11 1	14 19 14	55.0	10 11 1	14 19 14	55.0	
18	Arcturus	21 56 8	19 26.9	16 19 32	55.1	20 12 1	16 19 32	55.1	20 12 1	16 19 32	55.1	
19	Aldebaran	7 36 31	16 24.4	18 19 51	55.1	30 14 1	18 19 51	55.1	30 14 1	18 19 51	55.1	
20	Morab	13 7 17	14 55.3	20 20 9	55.1	40 15 1	20 20 9	55.1	40 15 1	20 20 9	55.1	
21	Deneb's	0 23 0	N 14 51.7	22 20 27	55.1	1 50 17 1	22 20 27	55.1	1 50 17 1	22 20 27	55.1	
22	α Ophiuchi	18 36 55	12 35.5	24 18 20 46	S 22 55.1	2 0 18 0.1	24 18 20 46	S 22 55.1	2 0 18 0.1	24 18 20 46	S 22 55.1	
23	Regulus	2 3 49	12 13.3	♂火星								
24	Altair	16 21 12	8 43.5	♂火星	h m s	°	'	♂火星	h m s	°	'	
25	β Denebos	6 17 5	7 24.0	0 2 53 6	N 17 10.2	0 0 0 0.0	0 2 53 6	N 17 10.2	0 0 0 0.0	0 2 53 6	N 17 10.2	
26	Bellatrix	6 47 6	N 6 18.3	2 53 27	10.3	10 2 0	2 53 27	10.3	10 2 0	2 53 27	10.3	
27	Procyon	4 32 51	N 5 21.6	4 53 47	10.3	20 4 0	4 53 47	10.3	20 4 0	4 53 47	10.3	
28	Rigel	6 57 24	S 8 15.7	6 54 8	10.4	30 5 0	6 54 8	10.4	30 5 0	6 54 8	10.4	
29	α Hydras	2 44 23	8 26.0	8 54 28	10.4	40 7 0	8 54 28	10.4	40 7 0	8 54 28	10.4	
30	Spica	22 46 58	10 53.6	10 54 49	10.5	0 50 9 0	10 54 49	10.5	0 50 9 0	10 54 49	10.5	
31	Sirius	5 26 35	S 16 33.7	12 2 55 9	N 17 10.6	1 0 11 0.1	12 2 55 9	N 17 10.6	1 0 11 0.1	12 2 55 9	N 17 10.6	
32	β Ceti	11 28 29	18 16.4	14 55 30	10.6	10 12 1	14 55 30	10.6	10 12 1	14 55 30	10.6	
33	Antares	19 43 13	26 19.1	16 55 50	10.7	20 14 1	16 55 50	10.7	20 14 1	16 55 50	10.7	
34	α Sagittari	17 17 24	26 21.9	18 56 11	10.7	30 16 1	18 56 11	10.7	30 16 1	18 56 11	10.7	
35	Fomalhaut	13 14 40	29 54.2	20 56 31	10.8	40 18 1	20 56 31	10.8	40 18 1	20 56 31	10.8	
36	λ Scorpii	18 39 21	S 37 4.1	22 56 52	10.8	1 50 19 1	22 56 52	10.8	1 50 19 1	22 56 52	10.8	
37	Canopus	5 46 38	52 40.2	24 2 57 12	N 17 10.9	2 0 21 0.1	24 2 57 12	N 17 10.9	2 0 21 0.1	24 2 57 12	N 17 10.9	
38	α Persei	15 47 54	56 54.2	♂火星								
39	Aldebaran	10 33 41	57 30.1	♂火星	h m s	°	'	♂火星	h m s	°	'	
40	β Crucis	23 24 44	59 24.3	0 2 57 12	N 17 10.9	2 0 21 0.1	0 2 57 12	N 17 10.9	2 0 21 0.1	0 2 57 12	N 17 10.9	
41	β Centauri	22 9 17	S 60 7.4	2 57 33	10.9	10 2 0	2 57 33	10.9	10 2 0	2 57 33	10.9	
42	α Centauri	21 33 22	60 37.3	4 57 53	11.0	20 4 0	4 57 53	11.0	20 4 0	4 57 53	11.0	
43	α Crucis	23 45 43	62 48.7	6 58 14	11.1	30 5 0	6 58 14	11.1	30 5 0	6 58 14	11.1	
44	α Tri. Aust.	19 26 17	68 56.0	8 58 34	11.1	40 7 0	8 58 34	11.1	40 7 0	8 58 34	11.1	
45	β Carinae	2 56 46	S 69 30.3	10 58 55	11.2	0 50 9 0	10 58 55	11.2	0 50 9 0	10 58 55	11.2	
R ₀ 12 9 26				P 惑星								
				星名	赤緯	光度	地平線	観半徑				
				星名	R.A.	Mag.	H.P.	S.D.				
				♀金星	h m s	°	'	"				
				♂火星	9 27	-0.3	0.2	6				
				♂木星	17 52	-1.8	0.0	18				
				♂土星	9 16	+0.4	0.0	9				

◎太陽				P 惑星				C 月 月齡15.1			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _c	d	E _c d
h m s	°	'	"	♀金星	h m s	°	'	♂火星	h m s	°	'
0 11 54.7	N 2 5.1	0 0	0.0	0 23 54.57	N 2 12.4	0 0	0.0	0 23 54.57	N 2 12.4	0 0	0.0
2 54 8	7.1	10	2	1 53 56	2 4.0	1 52 55	1 55.6	1 53 56	2 4.0	1 52 55	1 55.6
4 54 10	9.0	20	3	2 50 55	30.3	2 50 55	30.3	2 50 55	30.3	2 50 55	30.3
6 54 12	11.0	30	5	3 48 54	21.8	3 48 54	21.8	3 48 54	21.8	3 48 54	21.8
8 54 13	13.0	40	7	4 46 53	14.9	4 46 53	14.9	4 46 53	14.9	4 46 53	14.9
10 54 15	14.9	50	0.8	5 45 52	9.9	5 45 52	9.9	5 45 52	9.9	5 45 52	9.9
12 54 16	N 2 16.9	1 0	1.0	6 43 52	39.6	6 43 52	39.6	6 43 52	39.6	6 43 52	39.6
14 54 18	18.8	10	2	7 41 51	22.8	7 41 51	22.8	7 41 51	22.8	7 41 51	22.8
16 54 19	20.8	20	3	8 39 51	14.4	8 39 51	14.4	8 39 51	14.4	8 39 51	14.4
18 54 21	22.8	30	5	9 37 50	9.9	9 37 50	9.9	9 37 50	9.9	9 37 50	9.9
20 54 22	24.7	40	7	10 36 50	27.7	10 36 50	27.7	10 36 50	27.7	10 36 50	27.7
22 54 24	26.7	50	1.8	11 35 50	36.1	11 35 50	36.1	11 35 50	36.1	11 35 50	36.1
24 54 25	N 2 26.6	2 0	2.0	12 34 50	44.5	12 34 50	44.5	12 34 50	44.5	12 34 50	44.5
(観半徑 S.D. 16.4)				(H.P. 60.2, S.D. 16.24)				(H.P. 60.1, S.D. 16.22)			
No. 米恒星 U=0hの値				♂火星				♂火星			
No.	米恒星	E ₀	d	♂火星	h m s	°	'	♂火星	h m s	°	'
1	Polaris	10 23 28	N 89 1.3	12 24 22	N 18 38.9	1 0 11 0.1	12 24 22	N 18 38.9	1 0 11 0.1	12 24 22	N 18 38.9
2	Kochab	21 18 31	74 21.8	14 44 43	38.8	10 12 1	14 44 43	38.8	10 12 1	14 44 43	38.8
3	Liuh	1 8 51	62 2.0	16 45 4	38.7	20 14 1	16 45 4	38.7	20 14 1	16 45 4	38.7
4	γ Cassiope	12 3 6	58 51.7	18 45 25	38.6	30 16 1	18 45 25	38.6			

◎ 太陽				P 惑星				☾ 月 月齢 16.1				比例部分						
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _c	d	E _c d	U	E _c	d	E _c d			
h m s	° /	h m /	° /	♀ 金星				h m s	° /	m s /	° /	h m s	° /	m s /	° /			
0 11 54 25	N 2 28.6	0 0	0.0	0 22 19 7	S 10 48.5	1 2	0.2	0 11 54 44	N 2 52.1	0 0	0.0	0 21 30 48	S 16 25.3	1 2	0.2			
2 54 27	30.6	10	2	1 17 8	11 3.5	3	6 0.7	2 54 45	54.1	10	2	1 17 8	11 3.5	3	6 0.7			
4 54 28	32.5	20	3	2 15 8	16 8	10.9	4 8 1.0	4 54 47	56.0	20	3	2 15 8	16 8	10.9	4 8 1.0			
6 54 30	34.5	30	5	3 14 8	25.8	6	12 2 5	6 54 48	58.0	30	5	3 14 8	25.8	6	12 2 5			
8 54 31	36.5	40	7	4 12 8	40.7	8	16 1 9	8 54 50	2 59.9	40	7	4 12 8	40.7	8	16 1 9			
10 54 33	38.4	0 50	0.8	5 9 7	12 2.8	11	22 7	10 54 51	3 1.9	0 50	0.8	5 9 7	12 2.8	11	22 7			
12 11 54 35	N 2 40.4	1 0	1.0	6 7	10.1	12	24 2.9	12 11 54 53	N 3 3.8	1 0	1.0	6 7	10.1	12	24 2.9			
14 54 36	42.3	10	2	7 5 7	24.6	16	32 3.9	14 54 54	5.8	10	2	7 5 7	24.6	16	32 3.9			
16 54 38	44.3	20	3	8 3 7	31.9	17	34 4.1	16 54 56	7.7	20	3	8 3 7	31.9	17	34 4.1			
18 54 39	46.2	30	5	9 1 6	39.1	18	36 4	18 54 57	9.7	30	5	9 1 6	39.1	18	36 4			
20 54 41	48.2	40	7	10 21 59 6	15.0	24	48 5.8	20 54 59	11.6	40	7	10 21 59 6	15.0	24	48 5.8			
22 54 42	50.2	1 50	1.8	11 57 5	29.2	26	52 3	22 55 1	13.6	1 50	1.8	11 57 5	29.2	26	52 3			
24 11 54 44	N 2 52.1	2 0	2.0	12 22 2	36.3	27	54 6	24 11 55 2	N 3 15.5	2 0	2.0	12 22 2	36.3	27	54 6			
(観半徑 S.D. 16 3)				(H.P. 58.9, S.D. 16 2)				(観半徑 S.D. 16 3)				(H.P. 58.9, S.D. 16 2)						
No. 恒星 U=0 ^h の値				♂ 火星				♂ 火星				♂ 火星						
No.	恒星	E ₀	d	h m s	° /	h m s /	° /	h m s	° /	h m s /	° /	h m s	° /	h m s /	° /			
1	Polaris	10 31 22	N 89 1.3	0 2 50 37	N 18 36.6	0 0	0.0	0 2 50 37	N 18 36.6	0 0	0.0	0 2 50 37	N 18 36.6	0 0	0.0			
2	Kochab	21 26 24	74 21.8	2 50 57	36.4	10	2 0	2 50 57	36.4	10	2 0	2 50 57	36.4	10	2 0			
3	Dukh	1 16 44	62 2.0	4 51 18	36.3	20	3 0	4 51 18	36.3	20	3 0	4 51 18	36.3	20	3 0			
4	β Cassiop.	12 10 59	58 51.7	6 51 38	36.1	30	5 1	6 51 38	36.1	30	5 1	6 51 38	36.1	30	5 1			
5	Mercab	1 18 34	56 39.8	8 51 59	36.0	40	7 1	8 51 59	36.0	40	7 1	8 51 59	36.0	40	7 1			
6	Alnath	23 25 32	N 56 14.4	10 52 19	35.8	0 50	8 1	10 52 19	35.8	0 50	8 1	10 52 19	35.8	0 50	8 1			
7	Schedir	11 39 50	56 15.1	12 2 52 40	N 18 35.7	1 0	10 0.1	12 2 52 40	N 18 35.7	1 0	10 0.1	12 2 52 40	N 18 35.7	1 0	10 0.1			
8	Mizar	22 55 26	55 11.6	14 53 0	35.5	10	12 1	14 53 0	35.5	10	12 1	14 53 0	35.5	10	12 1			
9	α Persei	8 56 45	49 40.8	16 53 21	35.4	20	13 1	16 53 21	35.4	20	13 1	16 53 21	35.4	20	13 1			
10	Benetnash	22 31 47	49 34.1	18 53 41	35.2	30	15 2	18 53 41	35.2	30	15 2	18 53 41	35.2	30	15 2			
11	Capella	7 4 29	N 45 57.1	20 54 1	35.1	40	17 2	20 54 1	35.1	40	17 2	20 54 1	35.1	40	17 2			
12	Deneb	15 37 41	45 5.3	22 54 22	34.9	1 50	18 2	22 54 22	34.9	1 50	18 2	22 54 22	34.9	1 50	18 2			
13	Vega	17 42 9	38 43.6	24 2 54 42	N 18 34.7	2 0	20 0.2	24 2 54 42	N 18 34.7	2 0	20 0.2	24 2 54 42	N 18 34.7	2 0	20 0.2			
14	Castor	4 46 2	32 0.4	♂ 木星				♂ 木星				♂ 木星						
15	Alph ratz	12 11 39	28 43.1	h m s	° /	h m s /	° /	h m s	° /	h m s /	° /	h m s	° /	h m s /	° /			
16	Polaris	4 35 11	N 28 9.3	0 18 24 27	S 22 55.1	0 0	0.0	0 18 24 27	S 22 55.1	0 0	0.0	0 18 24 27	S 22 55.1	0 0	0.0			
17	α Cor. Bor.	20 44 48	26 53.0	2 24 45	55.1	10	2 0	2 24 45	55.1	10	2 0	2 24 45	55.1	10	2 0			
18	Arcturus	22 4 1	19 26.9	4 25 3	55.1	20	3 0	4 25 3	55.1	20	3 0	4 25 3	55.1	20	3 0			
19	Aldebaran	7 44 24	16 24.4	6 25 22	55.1	30	5 0	6 25 22	55.1	30	5 0	6 25 22	55.1	30	5 0			
20	Marsab	13 15 10	14 55.3	8 25 40	55.1	40	6 0	8 25 40	55.1	40	6 0	8 25 40	55.1	40	6 0			
21	Deneb'a	0 30 53	N 14 51.7	10 25 59	55.2	0 50	8 0	10 25 59	55.2	0 50	8 0	10 25 59	55.2	0 50	8 0			
22	α Ophiuchi	18 44 48	12 35.5	12 18 26 17	S 22 55.2	1 0	9 0.1	12 18 26 17	S 22 55.2	1 0	9 0.1	12 18 26 17	S 22 55.2	1 0	9 0.1			
23	Rigel	2 11 42	12 13.3	14 26 36	55.2	10	11 1	14 26 36	55.2	10	11 1	14 26 36	55.2	10	11 1			
24	Altair	16 29 5	8 43.5	16 26 54	55.2	20	12 1	16 26 54	55.2	20	12 1	16 26 54	55.2	20	12 1			
25	Betelgeuse	6 24 58	7 24.0	18 27 13	55.2	30	14 1	18 27 13	55.2	30	14 1	18 27 13	55.2	30	14 1			
26	β Ictrix	6 54 59	N 6 18.3	20 27 31	55.2	40	15 1	20 27 31	55.2	40	15 1	20 27 31	55.2	40	15 1			
27	Procyon	4 40 44	N 5 21.6	22 27 50	55.2	1 50	17 1	22 27 50	55.2	1 50	17 1	22 27 50	55.2	1 50	17 1			
28	Rigel	7 5 17	S 8 15.7	24 18 28 8	S 22 55.2	2 0	18 0.1	24 18 28 8	S 22 55.2	2 0	18 0.1	24 18 28 8	S 22 55.2	2 0	18 0.1			
29	α Hydraz	2 52 17	8 26.0	♂ 土星				♂ 土星				♂ 土星						
30	Spica	22 54 51	10 53.6	h m s	° /	h m s /	° /	h m s	° /	h m s /	° /	h m s	° /	h m s /	° /			
31	β Uru	5 34 28	S 16 38.7	0 3 1 18	N 17 11.6	0 0	0.0	0 3 1 18	N 17 11.6	0 0	0.0	0 3 1 18	N 17 11.6	0 0	0.0			
32	β Ceti	11 36 22	18 16.4	2 1 38	11.6	10	2 0	2 1 38	11.6	10	2 0	2 1 38	11.6	10	2 0			
33	Antares	19 51 6	26 19.1	4 1 59	11.7	20	3 0	4 1 59	11.7	20	3 0	4 1 59	11.7	20	3 0			
34	α Sagittarii	17 25 17	26 21.9	6 2 19	11.7	30	5 0	6 2 19	11.7	30	5 0	6 2 19	11.7	30	5 0			
35	Fomalhaut	13 22 33	29 54.2	8 2 40	11.8	40	7 0	8 2 40	11.8	40	7 0	8 2 40	11.8	40	7 0			
36	λ Scorpii	18 47 14	S 37 4.1	10 3 0	11.8	0 50	8 0	10 3 0	11.8	0 50	8 0	10 3 0	11.8	0 50	8 0			
37	Antares	5 54 31	52 40.2	P 惑星				P 惑星				P 惑星						
38	α Piconis	15 55 47	56 54.2	星名	赤緯 R.A.	光度 Mag.	地平 視差 H.P.	観 半徑 S.D.	星名	赤緯 R.A.	光度 Mag.	地平 視差 H.P.	観 半徑 S.D.	星名	赤緯 R.A.	光度 Mag.	地平 視差 H.P.	観 半徑 S.D.
39	β Achvarar	10 41 34	57 30.1	♀金星	h m	-3.8	0.2	10	♀金星	h m	-3.8	0.2	10	♀金星	h m	-3.8	0.2	10
40	β Crucis	23 32 38	59 24.4	♂火星	9 27	-0.2	0.2	6	♂火星	9 27	-0.2	0.2	6	♂火星	9 27	-0.2	0.2	6
41	β Centauri	22 17 10	S 60 7.4	♂木星	17 53	-1.8	0.0	18	♂木星	17 53	-1.8	0.0	18	♂木星	17 53	-1.8	0.0	18
42	α Centauri	21 41 15	60 37.3	♂土星	9 16	+0.4	0.0	9	♂土星	9 16	+0.4	0.0	9	♂土星	9 16	+0.4	0.0	9
43	α Crucis	23 53 36	62 48.8	♂ 金星				♂ 金星				♂ 金星						
44	α Tri. Austr.	19 34 10	68 56.0	h m s	° /	h m s /	° /	h m s	° /	h m s /	° /	h m s	° /	h m s /	° /			
45	β Crucis	3 4 39	S 69 30.4	0 12 17 19	N 17 12.2	2 0	20 0.1	0 12 17 19	N 17 12.2	2 0	20 0.1	0 12 17 19	N 17 12.2	2 0	20 0.1			

◎ 太陽				P 惑星				☾ 月 月齢 17.1				比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _c	d	E _c d	U	E _c	d	E _c d
h m s	° /	h m /	° /	♀ 金星				h m s	° /	m s /	° /	h m s	° /	m s /	° /
0 11 54 44	N 2 52.1	0 0	0.0	0 21 30 48	S 16 25.3	1 2	0.2	0 21 30 48	S 16 25.3	1 2	0.2	0 21 30 48	S 16 25.3	1 2	0.2
2 54 45	54.1	10	2	1 28 46	38.1	3	6 6	1 28 46	38.1	3	6 6	1 28 46	38.1	3	6 6
4 54 47	56.0	20	3	2 26 44	50.9	5	10 1.0	2 26 44	50.9	5	10 1.0	2 26 44	50.9	5	10 1.0
6 54 48	58.0	30	5	3 25 43	16 57.2	6	12 2	3 25 43	16 57.2	6	12 2	3 25 43	16 57.2	6	12 2
8 54 50	2 59.9	40	7	4 24 42	17 3.6	7	14 4	4 24 42	17 3.6	7	14 4	4 24 42	17 3.6	7	14 4
10 54 51	3 1.9	0 50	0.8	5 23 41	9.8	8	16 7	5 23 41	9.8	8	16 7	5 23 41	9.8	8	16 7
12 11 54 53	N 3 3.8	1 0	1.0	6 22 40	16.1	9	18 1.9	6 22 40	16.1	9	18 1.9	6 22 40	16.1	9	18 1.9
14 54 54	5.8	10	2	7 21 38	22.3	10	20 2.1	7 21 38	22.3	10	20 2.1	7 21 38	22.3	10	20 2.1
16 54 56	7.7	20	3	8 20 37	28.5	11	22 3	8 20 37	28.5	11	22 3	8 20 37	28.5	11	22 3
18 54 57	9.7	30	5	9 19 36	34.7	12	24 5	9 19 36	34.7	12	24 5	9 19 36	34.7	12	24 5
20 54 59	11.6	40	7	10 18 35	40.9	13	26 7	10 18 35	40.9	13	26 7	10 18 35	40.9	13	26 7
22 55 1	13.6	1 50	1.8	11 17 34	47.1	14	28 9	11 17 34	47.1						

Table with columns for Sun (太陽), Venus (金星), and Mars (火星). Includes sub-tables for U-E, d, and E-d values.

Table for No. 米恒星 (No. 1-15) listing star names like Polaris, Kochab, Dubhe, etc., with their U-E and d values.

Table for No. 木恒星 (No. 16-25) listing star names like Polaris, Kochab, Dubhe, etc., with their U-E and d values.

Table for No. 土恒星 (No. 26-35) listing star names like Sirius, Betelgeuse, etc., with their U-E and d values.

Table for No. 土恒星 (No. 36-45) listing star names like Antares, Rigel, etc., with their U-E and d values.

Table for P 惑星 (Planets) listing Venus, Mars, Jupiter, and Saturn with their R.A., Mag., H.P., and S.D. values.

Ro 12 25 12

Table with columns for Sun (太陽), Venus (金星), and Mars (火星). Includes sub-tables for U-E, d, and E-d values.

Table for No. 米恒星 (No. 1-15) listing star names like Polaris, Kochab, Dubhe, etc., with their U-E and d values.

Table for No. 木恒星 (No. 16-25) listing star names like Polaris, Kochab, Dubhe, etc., with their U-E and d values.

Table for No. 土恒星 (No. 26-35) listing star names like Sirius, Betelgeuse, etc., with their U-E and d values.

Table for No. 土恒星 (No. 36-45) listing star names like Antares, Rigel, etc., with their U-E and d values.

Table for P 惑星 (Planets) listing Venus, Mars, Jupiter, and Saturn with their R.A., Mag., H.P., and S.D. values.

Ro 12 25 12

Table with columns: 太陽 (Sun), 惑星 (Planets), 金星 (Venus), 木星 (Jupiter), 土星 (Saturn), 月 (Moon). Includes right ascension, declination, and magnitude data.

(観半徑 S.D. 16' 2")

No. 米恒星 U=0^h の値

Table listing star names (e.g., Polaris, Kochab, Deneb) with their magnitudes and other astronomical data.

R₀ 12 33 5

♂ 火星 (Mars)

Table for Mars with columns for right ascension and declination.

♃ 木星 (Jupiter)

Table for Jupiter with columns for right ascension and declination.

♄ 土星 (Saturn)

Table for Saturn with columns for right ascension and declination.

Table with columns: 月 (Moon), 金星 (Venus), 木星 (Jupiter), 土星 (Saturn), 月 (Moon). Includes right ascension, declination, and magnitude data.

(H.P. 55.5, S.D. 15' 8")

No. 米恒星 U=0^h の値

Table listing star names (e.g., Polaris, Kochab, Deneb) with their magnitudes and other astronomical data.

R₀ 12 3/ 2

P 惑星 (Planets)

Table listing planet names and their magnitudes.

Table with columns: 太陽 (Sun), 惑星 (Planets), 金星 (Venus), 木星 (Jupiter), 土星 (Saturn), 月 (Moon). Includes right ascension, declination, and magnitude data.

(観半徑 S.D. 16' 2")

No. 米恒星 U=0^h の値

Table listing star names (e.g., Polaris, Kochab, Deneb) with their magnitudes and other astronomical data.

R₀ 12 3/ 2

♂ 火星 (Mars)

Table for Mars with columns for right ascension and declination.

♃ 木星 (Jupiter)

Table for Jupiter with columns for right ascension and declination.

♄ 土星 (Saturn)

Table for Saturn with columns for right ascension and declination.

Table with columns: 月 (Moon), 金星 (Venus), 木星 (Jupiter), 土星 (Saturn), 月 (Moon). Includes right ascension, declination, and magnitude data.

(H.P. 54.9, S.D. 14' 58")

No. 米恒星 U=0^h の値

Table listing star names (e.g., Polaris, Kochab, Deneb) with their magnitudes and other astronomical data.

R₀ 12 3/ 2

P 惑星 (Planets)

Table listing planet names and their magnitudes.

Table with columns: 星名 (Star Name), 赤緯 (R.A.), 光度 (Mag.), 地平観差 (H.P.), 観半徑 (S.D.).

☉ 太陽				♃ 木星				♄ 土星				☾ 月			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E _c	d	E _c d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "
0 11 56 15	N 4 48.5	0 0	0.0	♀ 金星				♄ 土星				☾ 月			
2 56 16	50.4	10	2												
4 56 18	52.3	20	3												
6 55 19	54.3	30	5												
8 56 21	56.2	40	6												
10 56 22	58.1	50	8												
12 11 56 24	N 5 0.0	1 0	1.0	♂ 火星											
14 56 25	2.0	10	1												
16 56 27	3.9	20	3												
18 56 28	5.8	30	4												
20 56 30	7.7	40	6												
22 56 31	9.6	50	8												
24 11 56 32	N 5 11.5	2 0	1.9												
(観半徑 S.D. 16' 2)				(観半徑 S.D. 16' 2)				(観半徑 S.D. 16' 2)				(観半徑 S.D. 16' 2)			
No. 米恒星 U-O _h の値				♂ 火星				♃ 木星				♄ 土星			
1	Polaris	h m s	° ' "	1	Polaris	h m s	° ' "	1	Polaris	h m s	° ' "	1	Polaris	h m s	° ' "
2	Kochab	21 50 3	N 89 1.3	2	Kochab	21 50 3	74 21.8	2	Kochab	21 50 3	74 21.8	2	Kochab	21 50 3	74 21.8
3	Dubhe	1 40 23	62 2.0	3	Dubhe	1 40 23	62 2.0	3	Dubhe	1 40 23	62 2.0	3	Dubhe	1 40 23	62 2.0
4	β Cassio.	12 34 38	58 51.7	4	β Cassio.	12 34 38	58 51.7	4	β Cassio.	12 34 38	58 51.7	4	β Cassio.	12 34 38	58 51.7
5	Merkat	1 42 13	56 39.8	5	Merkat	1 42 13	56 39.8	5	Merkat	1 42 13	56 39.8	5	Merkat	1 42 13	56 39.8
6	Alioth	23 49 11	N 56 14.4	6	Alioth	23 49 11	N 56 14.4	6	Alioth	23 49 11	N 56 14.4	6	Alioth	23 49 11	N 56 14.4
7	Scheat	12 3 29	56 15.1	7	Scheat	12 3 29	56 15.1	7	Scheat	12 3 29	56 15.1	7	Scheat	12 3 29	56 15.1
8	Mizar	23 19 6	55 11.6	8	Mizar	23 19 6	55 11.6	8	Mizar	23 19 6	55 11.6	8	Mizar	23 19 6	55 11.6
9	α Persei	9 20 25	49 40.8	9	α Persei	9 20 25	49 40.8	9	α Persei	9 20 25	49 40.8	9	α Persei	9 20 25	49 40.8
10	Benetnasch	22 55 27	49 34.2	10	Benetnasch	22 55 27	49 34.2	10	Benetnasch	22 55 27	49 34.2	10	Benetnasch	22 55 27	49 34.2
11	Cyrtella	7 28 9	N 45 57.1	11	Cyrtella	7 28 9	N 45 57.1	11	Cyrtella	7 28 9	N 45 57.1	11	Cyrtella	7 28 9	N 45 57.1
12	Deneb	16 1 20	45 5.3	12	Deneb	16 1 20	45 5.3	12	Deneb	16 1 20	45 5.3	12	Deneb	16 1 20	45 5.3
13	Vega	18 5 48	38 43.7	13	Vega	18 5 48	38 43.7	13	Vega	18 5 48	38 43.7	13	Vega	18 5 48	38 43.7
14	Castor	5 9 41	32 0.4	14	Castor	5 9 41	32 0.4	14	Castor	5 9 41	32 0.4	14	Castor	5 9 41	32 0.4
15	Alpharatz	12 35 19	28 48.1	15	Alpharatz	12 35 19	28 48.1	15	Alpharatz	12 35 19	28 48.1	15	Alpharatz	12 35 19	28 48.1
16	Pollux	4 58 51	N 28 9.3	16	Pollux	4 58 51	N 28 9.3	16	Pollux	4 58 51	N 28 9.3	16	Pollux	4 58 51	N 28 9.3
17	α Cor. Bor.	21 8 28	25 53.0	17	α Cor. Bor.	21 8 28	25 53.0	17	α Cor. Bor.	21 8 28	25 53.0	17	α Cor. Bor.	21 8 28	25 53.0
18	Arcturus	22 27 40	19 26.9	18	Arcturus	22 27 40	19 26.9	18	Arcturus	22 27 40	19 26.9	18	Arcturus	22 27 40	19 26.9
19	Aldebaran	8 8 3	16 24.4	19	Aldebaran	8 8 3	16 24.4	19	Aldebaran	8 8 3	16 24.4	19	Aldebaran	8 8 3	16 24.4
20	Marsab	13 38 50	14 55.3	20	Marsab	13 38 50	14 55.3	20	Marsab	13 38 50	14 55.3	20	Marsab	13 38 50	14 55.3
21	Deneb	0 54 33	N 14 51.7	21	Deneb	0 54 33	N 14 51.7	21	Deneb	0 54 33	N 14 51.7	21	Deneb	0 54 33	N 14 51.7
22	α Ophiuchi	19 8 27	12 35.5	22	α Ophiuchi	19 8 27	12 35.5	22	α Ophiuchi	19 8 27	12 35.5	22	α Ophiuchi	19 8 27	12 35.5
23	Rigel	2 35 21	12 13.3	23	Rigel	2 35 21	12 13.3	23	Rigel	2 35 21	12 13.3	23	Rigel	2 35 21	12 13.3
24	Altair	16 52 44	8 43.5	24	Altair	16 52 44	8 43.5	24	Altair	16 52 44	8 43.5	24	Altair	16 52 44	8 43.5
25	Denebola	6 48 38	7 24.0	25	Denebola	6 48 38	7 24.0	25	Denebola	6 48 38	7 24.0	25	Denebola	6 48 38	7 24.0
26	β Centauri	7 18 39	N 6 18.3	26	β Centauri	7 18 39	N 6 18.3	26	β Centauri	7 18 39	N 6 18.3	26	β Centauri	7 18 39	N 6 18.3
27	Procyon	5 4 23	N 5 21.6	27	Procyon	5 4 23	N 5 21.6	27	Procyon	5 4 23	N 5 21.6	27	Procyon	5 4 23	N 5 21.6
28	Rigel	7 28 57	S 8 15.7	28	Rigel	7 28 57	S 8 15.7	28	Rigel	7 28 57	S 8 15.7	28	Rigel	7 28 57	S 8 15.7
29	α Hydrus	3 15 56	8 26.0	29	α Hydrus	3 15 56	8 26.0	29	α Hydrus	3 15 56	8 26.0	29	α Hydrus	3 15 56	8 26.0
30	Spica	23 18 30	10 53.6	30	Spica	23 18 30	10 53.6	30	Spica	23 18 30	10 53.6	30	Spica	23 18 30	10 53.6
31	Sirius	5 58 7	S 16 38.7	31	Sirius	5 58 7	S 16 38.7	31	Sirius	5 58 7	S 16 38.7	31	Sirius	5 58 7	S 16 38.7
32	β Ceti	12 0 1	18 16.4	32	β Ceti	12 0 1	18 16.4	32	β Ceti	12 0 1	18 16.4	32	β Ceti	12 0 1	18 16.4
33	Antares	20 14 45	26 19.1	33	Antares	20 14 45	26 19.1	33	Antares	20 14 45	26 19.1	33	Antares	20 14 45	26 19.1
34	α Sagittarii	17 48 56	26 21.9	34	α Sagittarii	17 48 56	26 21.9	34	α Sagittarii	17 48 56	26 21.9	34	α Sagittarii	17 48 56	26 21.9
35	Fomalhaut	13 46 13	29 54.1	35	Fomalhaut	13 46 13	29 54.1	35	Fomalhaut	13 46 13	29 54.1	35	Fomalhaut	13 46 13	29 54.1
36	λ Scorpii	19 10 54	S 37 4.1	36	λ Scorpii	19 10 54	S 37 4.1	36	λ Scorpii	19 10 54	S 37 4.1	36	λ Scorpii	19 10 54	S 37 4.1
37	Canopus	6 18 11	52 40.2	37	Canopus	6 18 11	52 40.2	37	Canopus	6 18 11	52 40.2	37	Canopus	6 18 11	52 40.2
38	α P. vovis	16 19 26	56 54.1	38	α P. vovis	16 19 26	56 54.1	38	α P. vovis	16 19 26	56 54.1	38	α P. vovis	16 19 26	56 54.1
39	Achernar	11 5 13	57 30.1	39	Achernar	11 5 13	57 30.1	39	Achernar	11 5 13	57 30.1	39	Achernar	11 5 13	57 30.1
40	β Crucis	23 56 17	59 24.4	40	β Crucis	23 56 17	59 24.4	40	β Crucis	23 56 17	59 24.4	40	β Crucis	23 56 17	59 24.4
41	β Centauri	22 40 49	S 60 7.4	41	β Centauri	22 40 49	S 60 7.4	41	β Centauri	22 40 49	S 60 7.4	41	β Centauri	22 40 49	S 60 7.4
42	α Centauri	22 4 54	60 37.4	42	α Centauri	22 4 54	60 37.4	42	α Centauri	22 4 54	60 37.4	42	α Centauri	22 4 54	60 37.4
43	α Crucis	0 17 15	62 48.8	43	α Crucis	0 17 15	62 48.8	43	α Crucis	0 17 15	62 48.8	43	α Crucis	0 17 15	62 48.8
44	α Tri. Aust.	19 57 49	68 56.0	44	α Tri. Aust.	19 57 49	68 56.0	44	α Tri. Aust.	19 57 49	68 56.0	44	α Tri. Aust.	19 57 49	68 56.0
45	β Centauri	3 28 19	S 69 30.4	45	β Centauri	3 28 19	S 69 30.4	45	β Centauri	3 28 19	S 69 30.4	45	β Centauri	3 28 19	S 69 30.4
R ₀ 12 40 58				R ₀ 12 40 58				R ₀ 12 40 58				R ₀ 12 40 58			

☉ 太陽				♃ 木星				♄ 土星				☾ 月			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E _c	d	E _c d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "
0 11 56 32	N 5 11.5	0 0	0.0	♀ 金星				♄ 土星				☾ 月			
2 56 34	13.5	10	2												
4 56 35	15.4	20	3												
6 56 37	17.3	30	5												
8 56 38	19.2	40	6												
10 56 40	21.1	50	8												
12 11 56 41	N 5 23.0	1 0	1.0	♂ 火星											
14 56 43	24.9	10	1												
16 56 44	26.9	20	3												
18 56 45	28.8	30	4												
20 56 47	30.7	40	6												
22 56 49	32.6	50	8												
24 11 56 50	N 5 34.5	2 0	1.9												
(観半徑 S.D. 16' 1)				(観半徑 S.D. 16' 1)				(観半徑 S.D. 16' 1)				(観半徑 S.D. 16' 1)			
No. 米恒星 U-O _h の値				♂ 火星				♃ 木星				♄ 土星			
1	Polaris	h m s	° ' "	1	Polaris	h m s	° ' "	1	Polaris	h m s	° ' "	1	Polaris	h m s	° ' "
2	Kochab	21 54 0	N 89 1.2	2	Kochab	21 54 0	74 21.8	2	Kochab	21 54 0	74 21.8	2	Kochab	21 54 0	74 21.8
3	Dubhe	1 44 20	62 2.0	3	Dubhe	1 44 20	62 2.0	3	Dubhe	1 44 20	62 2.0	3	Dubhe	1 44 20	62 2.0
4	β Cassio.	12 38 35	58 51.7	4	β Cassio.	12 38 35	58 51.7	4	β Cassio.	12 38 35	58 51.7	4	β Cassio.	12 38 35	58 51.7
5	Merkat	1 46 9	56 39.8	5	Merkat	1 46 9	56 39.8	5	Merkat	1 46 9	56 39.8	5	Merkat	1 46 9	56 39.8
6	Alioth	23 53 7	N 56 14.4	6	Alioth	23 53 7	N 56 14.4	6	Alioth	23 53 7	N 56 14.4	6	Alioth	23 53 7	N 56 14.4
7	Scheat	12 7 26	56 15.1	7	Scheat	12 7 26									

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including position data (U, E, d) and magnitude (E, d).

Table for No. 水恒星 (Water Stars) listing stars like Polaris, Kochab, Dubhe, etc., with their positions and magnitudes.

Table for No. 木星 (Jupiter) listing positions and magnitudes for the planet.

Table for No. 土星 (Saturn) listing positions and magnitudes for the planet.

Table for No. 惑星 (Planets) listing positions and magnitudes for Venus, Mars, Jupiter, and Saturn.

Ro 12 48 52

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including position data (U, E, d) and magnitude (E, d).

Table for No. 水恒星 (Water Stars) listing stars like Polaris, Kochab, Dubhe, etc., with their positions and magnitudes.

Table for No. 木星 (Jupiter) listing positions and magnitudes for the planet.

Table for No. 土星 (Saturn) listing positions and magnitudes for the planet.

Table for No. 惑星 (Planets) listing positions and magnitudes for Venus, Mars, Jupiter, and Saturn.

Ro 12 52 48

Main table for April 6th, containing astronomical data for the Sun, Venus, Mars, Jupiter, Saturn, and various stars. Includes columns for right ascension, declination, and magnitude.

Main table for April 7th, containing astronomical data for the Sun, Venus, Mars, Jupiter, Saturn, and various stars. Includes columns for right ascension, declination, and magnitude.

◎太陽				P 惑星				C 月 月齡 28.1				
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	
♀金星				♂火星				♁木星				
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	
0 11 57.59	N 7 5.3	0 0	0.0	0 3 36.26	N 18 0.3	0 0 0 0.0	0 0 0 0.0	0 12 57.52	S 3 12.9	1 2 0.2	1 2 0.2	
2 58 0	7.2	10	2	2 36 54	17 59.9	10 2 0	10 2 0	1 57 2	3 5.8	2 3 5	2 3 5	
4 58 2	9.1	20	3	4 37 12	59.6	20 3 1	20 3 1	1 55 12	2 58.8	3 5 7	3 5 7	
6 58 3	10.9	30	5	6 37 30	59.2	30 5 1	30 5 1	2 55 22	51.7	4 7 0.9	4 7 0.9	
8 58 5	12.8	40	6	8 37 47	58.8	40 6 1	40 6 1	3 54 32	44.7	5 8 1.2	5 8 1.2	
10 58 6	14.7	0 50	0.8	10 38 5	58.5	0 50 8 2	0 50 8 2	4 53 42	37.6	6 10 4	6 10 4	
12 11 58 7	N 7 16.6	1 0	1.0	12 3 38 23	N 17 58.1	1 0 9 0.2	1 0 9 0.2	5 52 53	23.5	7 12 7	7 12 7	
14 58 9	18.4	10	1	14 33 40	57.8	10 11 2	10 11 2	6 52 3	16.4	8 13 1.9	8 13 1.9	
16 58 10	20.3	20	3	16 38 58	57.4	20 12 3	20 12 3	7 51 3	9.4	9 15 2.1	9 15 2.1	
18 58 12	22.2	30	4	18 39 16	57.0	30 14 3	30 14 3	8 50 23	2.3	10 17 4	10 17 4	
20 58 13	24.0	40	6	20 39 33	56.7	40 15 3	40 15 3	9 49 33	1 55.2	11 18 6	11 18 6	
22 58 14	25.9	1 50	7	22 39 51	56.3	1 50 17 4	1 50 17 4	10 48 43	1 55.2	12 20 2.8	12 20 2.8	
24 11 58 16	N 7 27.8	2 0	1.9	24 3 40 9	N 17 55.9	2 0 18 0.4	2 0 18 0.4	(H.P. 55.1, S.D. 15 0)		13 22 3.1	13 22 3.1	
(観半徑 S.D. 16 0)				(H.P. 55.2, S.D. 15 2)				(H.P. 55.3, S.D. 15 4)				
No. 米恒星 U=0hの値				♁木星				P 惑星				
No.	E ₀	d	U=0hの値	h m s	° ' "	h m s	° ' "	星名	赤緯	光度	地平線差	観半徑
1	11 18 44	N 89	1.2	0 19 9 36	S 22 55.6	0 0 0 0.0	0 0 0 0.0	金星	4 4	-3.9	0.2	11
2	22 13 42	74	21.9	2 9 55	55.6	10 2 0	10 2 0	火星	9 28	+0.1	0.2	5
3	2 4 3	62	2.1	4 10 14	55.6	20 3 0	20 3 0	木星	17 55	-1.9	0.0	19
4	12 58 18	58	51.6	6 10 33	55.6	30 5 0	30 5 0	土星	9 15	+0.5	0.0	9
5	2 5 52	56	39.8	8 10 53	55.6	40 6 0	40 6 0					

◎太陽				P 惑星				C 月 月齡 29.1				
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	
♀金星				♂火星				♁木星				
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	
0 11 58 16	N 7 27.8	0 0	0.0	0 3 40 9	N 17 55.9	0 0 0 0.0	0 0 0 0.0	0 12 17 44	N 2 29.1	1 2 0.2	1 2 0.2	
2 58 17	29.6	10	2	2 40 26	55.6	10 1 0	10 1 0	1 16 3	36.3	2 3 5	2 3 5	
4 58 18	31.5	20	3	4 40 44	55.2	20 3 1	20 3 1	1 16 3	43.5	3 5 0.7	3 5 0.7	
6 58 20	33.3	30	5	6 41 1	54.8	30 4 1	30 4 1	1 15 12	50.7	4 7 1.0	4 7 1.0	
8 58 21	35.2	40	6	8 41 19	54.4	40 6 1	40 6 1	2 14 21	2 57.8	5 9 2	5 9 2	
10 58 23	37.1	0 50	0.8	10 41 36	54.1	0 50 7 2	0 50 7 2	3 13 31	3 5.0	6 10 4	6 10 4	
12 11 58 24	N 7 38.9	1 0	1.0	12 3 41 54	N 17 53.7	1 0 9 0.2	1 0 9 0.2	4 11 49	12.2	7 12 7	7 12 7	
14 58 25	40.8	10	1	14 42 11	53.3	10 10 2	10 10 2	5 11 49	19.4	8 14 1.9	8 14 1.9	
16 58 27	42.6	20	3	16 42 29	52.9	20 11 3	20 11 3	6 10 58	26.5	9 15 2.2	9 15 2.2	
18 58 28	44.5	30	4	18 42 46	52.6	30 13 3	30 13 3	7 10 7	33.7	10 17 4	10 17 4	
20 58 29	46.3	40	6	20 43 4	52.2	40 14 3	40 14 3	8 25	40.9	11 19 6	11 19 6	
22 58 31	48.2	1 50	7	22 43 21	51.8	1 50 16 4	1 50 16 4	9 9 16	43.1	12 20 2.9	12 20 2.9	
24 11 58 32	N 7 50.0	2 0	1.9	24 3 43 38	N 17 51.4	2 0 17 0.4	2 0 17 0.4	10 12 0 44	45.4	13 22 3.1	13 22 3.1	
(観半徑 S.D. 16 0)				(H.P. 55.5, S.D. 15 8)				(H.P. 55.6, S.D. 15 10)				
No. 米恒星 U=0hの値				♁木星				P 惑星				
No.	E ₀	d	U=0hの値	h m s	° ' "	h m s	° ' "	星名	赤緯	光度	地平線差	観半徑
1	11 18 44	N 89	1.2	0 19 13 27	S 22 55.6	0 0 0 0.0	0 0 0 0.0	金星	4 4	-3.9	0.2	11
2	22 13 42	74	21.9	2 13 46	55.6	10 2 0	10 2 0	火星	9 28	+0.1	0.2	5
3	2 4 3	62	2.1	4 14 5	55.6	20 3 0	20 3 0	木星	17 55	-1.9	0.0	19
4	12 58 18	58	51.6	6 14 24	55.6	30 5 0	30 5 0	土星	9 15	+0.5	0.0	9
5	2 5 52	56	39.8	8 14 44	55.6	40 6 0	40 6 0					

◎太陽				P惑星				C月					
U	E _s	d	dの比例部分	U	E _s	d	E _s d	U	E _t	d	E _t d		
h m s	° ' "	h m s	° ' "	♀金星									
0 11 58.32	N 7 50.0	0 0	0.0	0 11 35.27	N 8 11.5	1	2.0 2	0 11 35.27	N 8 11.5	1	2.0 2		
2 58.33	51.9	10	2	1 34.42	25.6	3	5 7	1 34.42	25.6	3	5 7		
4 58.35	53.8	20	3	2 32.56	39.6	5	9 1.2	2 32.56	39.6	5	9 1.2		
6 58.36	55.6	30	5	3 31.10	53.6	7	12 6	3 31.10	53.6	7	12 6		
8 58.39	57.5	40	6	4 29.24	7.6	9	16 2.1	4 29.24	7.6	9	16 2.1		
10 58.37	7 59.3	0 50	0.8	5 28.37	21.6	11	19 6	5 28.37	21.6	11	19 6		
12 11 55.40	N 8 1.1	1 0	1.0	6 26.44	29.6	13	23 3.0	6 26.44	29.6	13	23 3.0		
14 58.41	3.0	10	1	(H.P. 56.0, S.D. 15 16)				(H.P. 56.0, S.D. 15 16)					
16 58.43	4.8	20	3	7 24.57	42.5	15	25 3	7 24.57	42.5	15	25 3		
18 53.44	6.7	30	4	8 22.16	9 3.3	20	35 7	8 22.16	9 3.3	20	35 7		
20 58.46	8.5	40	6	9 20.29	17.2	22	39 5.1	9 20.29	17.2	22	39 5.1		
22 58.47	10.4	1 50	7	10 18.41	31.0	24	42 6	10 18.41	31.0	24	42 6		
24 11 58.48	N 8 12.2	2 0	1.9	11 16.53	44.7	26	46 6.1	11 16.53	44.7	26	46 6.1		
(観半徑 S.D. 15 57)				12 15.50	51.8	28	49 5	12 15.50	51.8	28	49 5		
No. 米恒星 U=0h の値				♂火星									
No.	米恒星	E _s	d	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "		
1	Polaris	11 20 37	N 89 1.2	0 3 43.33	N 17 51.4	0 0 0 0.0		0 3 43.33	N 17 51.4	0 0 0 0.0			
2	Kochab	22 21 35	74 21.9	2 43.56	51.0	10 1 0		2 43.56	51.0	10 1 0			
3	Dubhe	2 11 55	62 2.1	4 44.13	50.6	20 3 1		4 44.13	50.6	20 3 1			
4	β Cassio.	13 6 11	58 51.6	6 44.33	50.3	30 4 1		6 44.33	50.3	30 4 1			
5	Merk	2 13 45	55 39.8	8 44.48	49.9	40 6 1		8 44.48	49.9	40 6 1			
6	Alch	0 20 43	N 56 14.4	10 45.5	49.5	0 50 7 2		10 45.5	49.5	0 50 7 2			
7	Scholar	12 35 1	56 15.1	12 3 45.22	N 17 49.1	1 0 9 0.2		12 3 45.22	N 17 49.1	1 0 9 0.2			
8	Mizar	23 50 38	55 11.7	14 45.40	48.7	10 10 2		14 45.40	48.7	10 10 2			
9	α Persei	9 51 57	49 40.8	16 45.57	48.3	20 11 3		16 45.57	48.3	20 11 3			
10	Benetnasch	23 26 59	49 34.2	18 46.14	47.9	30 13 3		18 46.14	47.9	30 13 3			
11	Capella	7 57 41	N 45 57.1	20 46.21	47.5	40 14 3		20 46.21	47.5	40 14 3			
12	Deneb	16 32 52	45 5.2	22 46.48	47.1	1 50 16 4		22 46.48	47.1	1 50 16 4			
13	Vega	18 37 20	38 43.7	24 3 47 6	N 17 46.7	2 0 17 0.4		24 3 47 6	N 17 46.7	2 0 17 0.4			
14	Castor	5 41 14	32 0.4	♂木星									
15	Alpharatz	13 6 51	28 48.1	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "		
16	Pollux	5 30 24	N 28 9.4	0 19 17 18	S 22 55.6	0 0 0 0.0		0 19 17 18	S 22 55.6	0 0 0 0.0			
17	α Cor. Bor.	21 40 1	26 53.0	2 17 38	55.6	10 2 0		2 17 38	55.6	10 2 0			
18	Arcturus	22 59 12	19 26.9	4 17 57	55.6	20 3 0		4 17 57	55.6	20 3 0			
19	Aldebaran	8 39 35	16 24.4	6 18 16	55.6	30 5 0		6 18 16	55.6	30 5 0			
20	Merkab	14 10 22	14 55.3	8 18 35	55.6	40 6 0		8 18 35	55.6	40 6 0			
21	Denebola	1 26 5	N 14 51.7	10 18 53	55.6	0 50 8 0		10 18 53	55.6	0 50 8 0			
22	α Ophiuchi	19 37 59	12 35.5	12 19 19 15	S 22 55.6	1 0 10 0.1		12 19 19 15	S 22 55.6	1 0 10 0.1			
23	Rogulus	3 6 54	12 13.3	14 19 34	55.6	10 11 1		14 19 34	55.6	10 11 1			
24	Altair	17 24 16	8 43.3	16 19 53	55.6	20 13 1		16 19 53	55.6	20 13 1			
25	Betegeuse	7 20 10	7 24.0	18 20 13	55.7	30 14 1		18 20 13	55.7	30 14 1			
26	Bellatrix	7 50 11	N 6 18.3	20 20 32	55.7	40 16 1		20 20 32	55.7	40 16 1			
27	Procyon	5 35 56	N 5 21.6	22 20 52	55.7	1 50 17 1		22 20 52	55.7	1 50 17 1			
28	Rigel	8 0 29	S 8 15.7	24 19 21 11	S 22 55.7	2 0 19 0.1		24 19 21 11	S 22 55.7	2 0 19 0.1			
29	α Hydras	3 47 28	S 8 26.0	♂土星									
30	Spica	23 50 3	10 53.6	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "		
31	Sirius	6 29 40	S 16 38.7	0 3 57 55	N 17 17.5	0 0 0 0.0		0 3 57 55	N 17 17.5	0 0 0 0.0			
32	β Ceti	12 31 33	18 16.4	2 58 15	17.5	10 2 0		2 58 15	17.5	10 2 0			
33	Antares	20 46 17	26 19.1	4 58 35	17.5	20 3 0		4 58 35	17.5	20 3 0			
34	α Sagittarii	18 20 28	26 21.9	6 58 55	17.5	30 5 0		6 58 55	17.5	30 5 0			
35	β Malakut	14 17 45	29 54.1	8 59 15	17.6	40 7 0		8 59 15	17.6	40 7 0			
36	λ Scorpii	19 42 26	S 37 4.1	10 59 35	17.6	0 50 8 0		10 59 35	17.6	0 50 8 0			
37	Canopus	6 49 44	52 40.2	12 3 59 55	N 17 17.6	1 0 10 0.1		12 3 59 55	N 17 17.6	1 0 10 0.1			
38	α Perseus	16 50 53	56 54.1	14 4 0 14	17.6	10 12 1		14 4 0 14	17.6	10 12 1			
39	Achernar	11 36 46	57 30.1	16 0 34	17.6	20 13 1		16 0 34	17.6	20 13 1			
40	β Crucis	0 27 49	59 24.4	18 0 54	17.6	30 15 1		18 0 54	17.6	30 15 1			
41	β Centauri	23 12 21	S 60 7.5	20 1 14	17.6	40 17 1		20 1 14	17.6	40 17 1			
42	α Centauri	22 35 26	60 37.4	22 1 34	17.7	1 50 18 1		22 1 34	17.7	1 50 18 1			
43	α Crucis	0 48 47	62 48.8	24 4 1 54	N 17 17.7	2 0 20 0.1		24 4 1 54	N 17 17.7	2 0 20 0.1			
44	α Tri. Aust.	20 20 21	68 56.1	P 惑星									
45	β Carinae	3 59 52	S 69 33.8	星名	赤緯	光度	地平線差	観半徑	星名	赤緯	光度	地平線差	観半徑
				R.A.	Mag.	H.P.	S.D.	R.A.	Mag.	H.P.	S.D.		
				♀金星	4 12	-3.9	0.2	11	♀金星	4 17	-3.9	0.2	11
				♂火星	9 29	+0.1	0.2	5	♂火星	9 29	+0.1	0.2	5
				♂木星	17 55	-1.9	0.0	19	♂木星	17 55	-1.9	0.0	19
				♂土星	9 15	+0.5	0.0	9	♂土星	9 15	+0.5	0.0	9

◎太陽				P惑星				C月				
U	E _s	d	dの比例部分	U	E _s	d	E _s d	U	E _t	d	E _t d	
h m s	° ' "	h m s	° ' "	♀金星								
0 11 58.48	N 8 12.2	0 0	0.0	0 10 53.4	N 13 40.0	1	2.0 2	0 10 53.4	N 13 40.0	1	2.0 2	
2 58.50	14.1	10	2	2 52.8	46.6	2	4 4	2 52.8	46.6	2	4 4	
4 58.51	15.9	20	3	4 51.12	53.2	3	6 6	4 51.12	53.2	3	6 6	
6 58.52	17.7	30	5	6 50.16	13 59.7	4	8 0.9	6 50.16	13 59.7	4	8 0.9	
8 58.54	19.6	40	6	8 49.20	14 6.3	5	10 1.1	8 49.20	14 6.3	5	10 1.1	
10 58.55	21.4	0 50	0.8	10 48.24	12.8	6	11 3	10 48.24	12.8	6	11 3	
12 11 58.56	N 8 23.2	1 0	0.9	12 47.27	19.3	7	13 5	12 47.27	19.3	7	13 5	
14 58.58	25.1	10	1.1	14 46.31	25.8	8	15 7	14 46.31	25.8	8	15 7	
16 58.59	26.9	20	2	16 45.34	32.3	9	17 1.9	16 45.34	32.3	9	17 1.9	
18 59 0	28.7	30	4	18 44.38	39.8	10	19 2.1	18 44.38	39.8	10	19 2.1	
20 59 2	30.6	40	5	20 43.41	45.2	11	21 3	20 43.41	45.2	11	21 3	
22 59 3	32.4	1 50	7	22 42.44	51.7	12	23 6	22 42.44	51.7	12	23 6	
24 11 59 4	N 8 34.2	2 0	1.8	(H.P. 56.5, S.D. 15 24)				(H.P. 56.5, S.D. 15 24)				
(観半徑 S.D. 15 57)				6 10 41 47	N 14 56.1	16	30 4	6 10 41 47	N 14 56.1	16	30 4	
No. 米恒星 U=0h の値	♂火星								♂木星			
No.	米恒星	E _s	d	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	
1	Polaris	11 30 34	N 89 1.2	0 3 47 23	N 17 46.7	0 0 0 0.0		0 3 47 23	N 17 46.7	0 0 0 0.0		
2	Kochab	22 25 32	74 21.9	2 47 23	46.3	10 1 0		2 47 23	46.3	10 1 0		
3	Dubhe	2 15 52	62 2.1	4 47 40	45.9	20 3 1		4 47 40	45.9	20 3 1		
4	β Cassio.	13 10 7	58 51.6	6 47 57	45.5	30 4 1		6 47 57	45.5	30 4 1		
5	Merk	2 17 42	56 39.8	8 48 14	45.1	40 6 1		8 48 14	45.1	40 6 1		
6	Alch	0 24 40	N 56 14.4	10 48 31	44.7	0 50 7 2		10 48 31	44.7	0 50 7 2		
7	Scholar	12 38 58	56 15.1	12 3 48 48	N 17 44.3	1 0 9 0.2		12 3 48 48	N 17 44.3	1 0 9 0.2		
8	Mizar	23 54 35	55 11.7	14 49 5	43.9	10 10 2		14 49 5	43.9	10 10 2		
9	α Persei	9 55 54	49 40.8	16 49 23	43.5	20 11 3		16 49 23	43.5	20 11 3		
10	Benetnasch	23 30 56	49 34.2	18 49 40	43.1	30 13 3		18 49 40	43.1	30 13 3		
11	Capella	8 3 38	N 45 57.1	20 49 57	42.7	40 14 3		20 49 57	42.7	40 14 3		
12	Deneb	16 36 49	45 5.2	22 50 14	42.3	1 50 16 4		22 50 14	42.3	1 50 16 4		
13	Vega	18 37 20	38 43.7	24 3 50 31	N 17 41.8	2 0 17 0.4		24 3 50 31	N 17 41.8	2 0 17 0.4		
14	Castor	5 45 10	32 0.4	♂土星								
15	Alpharatz	13 10 47	28 48.1	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	
16	Pollux	5 34 20	N 28 9.4	0 19 21 11	S 22 55.7	0 0 0 0.0		0 19 21 11	S 22 55.7	0 0 0 0.0</		

◎ 太陽				P 惑星				C 月 月齡 2.4			
U	E _s	d	dの比例部分	U	E _s	d	E _s d	U	E _c	d	E _c d
h	m	s		♀ 金星				h	m	s	
0 11 59 4	N 8 34.2	0 0	0.0					0 10 5 43	N 18 38.1	1 2	0.2
2 59 5	36.1	10	2					1 4 42	49.6	3	6.5
4 59 7	37.9	20	3					2 2 42	18 55.3	4	8.7
6 59 8	39.7	30	3					3 10 40	19 1.0	5	10.9
8 59 9	41.6	40	6					4 1 41	6.7	6	12.1
10 59 11	43.4	0 50	8					5 59 40	12.3	7	14.3
12 11 59 12	N 8 45.2	1 0	0.9					6 58 39	17.9	8	16.5
14 59 13	47.0	10	1.1					7 57 38	23.5	9	18.6
16 59 15	48.8	20	2					8 56 37	29.1	10	20.1.8
18 59 16	50.7	30	4					9 55 36	34.7	11	22.2.0
20 59 17	52.5	40	5						40.2	12	24.2
22 59 18	54.3	1 50	7							13	26.4
24 11 59 20	N 8 56.1	2 0	1.8							14	28.6
(視半徑 S.D. 15 59)											
No. 氷恒星 U=0 ^h の値				♂ 火星				♂ 木星			
No.	氷恒星	E _s	d	h	m	s		h	m	s	
1	Polaris	11 34 30	N 89 1.2	0 3 50 31	N 17 41.8	0 0	0.0	0 3 50 31	N 17 41.8	0 0	0.0
2	Kochab	22 29 28	74 21.9	4 51 4	41.0	10	1 0	2 50 48	41.4	10	1 0
3	Dubhe	2 19 49	62 2.1	6 51 21	40.6	30	4 1	4 51 4	41.0	20	3 1
4	β Casop.	13 14 4	58 51.6	8 51 38	40.2	40	6 1	6 51 21	40.6	30	4 1
5	Merk	2 21 39	55 39.8	10 51 55	39.8	0 50	7 2	8 51 38	40.2	40	6 1
6	Alioth	0 28 35	N 86 14.5	12 3 52 12	N 17 39.3	1 0	9 0.2	10 51 55	39.8	0 50	7 2
7	Schedr	12 42 54	55 15.0	14 52 29	38.9	10	10 2	12 3 52 12	N 17 39.3	1 0	9 0.2
8	Mizar	23 58 31	55 11.7	16 52 46	38.5	20	11 3	14 52 29	38.9	10	10 2
9	α Perai	9 59 52	49 40.8	18 53 3	38.1	30	13 3	16 52 46	38.5	20	11 3
10	Bowdnach	23 34 52	49 34.2	20 53 19	37.6	40	14 3	18 53 3	38.1	30	13 3
11	Capella	8 7 34	N 45 57.1	22 53 36	37.2	1 50	16 1.4	20 53 19	37.6	40	14 3
12	Donab	16 40 45	45 5.2	24 3 53 53	N 17 36.8	2 0	17 0.4	22 53 36	37.2	1 50	16 1.4
13	Vega	18 45 13	38 43.7					24 3 53 53	N 17 36.8	2 0	17 0.4
14	Castor	5 49 7	32 0.4								
15	Alph rati	13 14 44	28 48.1								
16	Polaris	5 38 17	N 28 9.4								
17	α Cor. Bor.	21 47 54	26 53.0								
18	Arcturus	23 7 5	19 26.9								
19	Aldebaran	8 47 29	16 24.4								
20	Merkab	14 18 15	14 55.3								
21	Donol o'a	1 33 58	N 14 51.7								
22	α Ophiuchi	19 47 52	12 35.5								
23	Regulus	3 14 47	12 13.3								
24	Altair	17 32 9	8 43.5								
25	Betelgeuz	7 28 3	7 24.0								
26	Bellatrix	7 53 4	N 6 18.3								
27	Procyon	5 43 49	N 5 21.6								
28	Rigel	8 8 22	S 8 15.7								
29	α Hydrze	3 55 22	8 26.0								
30	Spica	23 57 55	10 53.6								
31	Sirius	6 37 33	S 16 38.7								
32	β Ceti	12 39 26	18 16.4								
33	Antares	20 54 10	26 19.1								
34	α Sagitarii	18 28 21	26 21.9								
35	Fomalhaut	14 25 38	29 54.1								
36	λ Scorpis	19 50 19	S 37 4.1								
37	Canopus	6 57 37	52 40.2								
38	α Pionia	16 53 51	56 54.1								
39	Achernar	11 44 39	57 30.0								
40	β Crucia	0 35 42	59 24.4								
41	β Centauri	23 20 14	S 60 7.5								
42	α Centauri	22 44 19	60 37.4								
43	α Crucia	0 56 41	62 48.8								
44	α Tri. Aust.	20 37 14	68 56.1								
45	β Crucia	4 7 45	S 69 30.4								
R ₀ 13 20 24											
P 惑星											
星名	赤經 R.A.	光度 Mag.	地平線差 H.P.	視半徑 S.D.							
♀金星	4 21	-4.0	0.2	11							
♂火星	9 30	+0.2	0.2	5							
♂木星	17 55	-1.9	0.0	19							
♂土星	9 15	+0.5	0.0	9							

◎ 太陽				P 惑星				C 月 月齡 3.4			
U	E _s	d	dの比例部分	U	E _s	d	E _s d	U	E _c	d	E _c d
h	m	s		♀ 金星				h	m	s	
0 11 59 20	N 8 56.1	0 0	0.0					0 9 10 45	N 22 46.9	1 2	0.1
2 59 21	57.9	10	2					1 15 40	51.4	2	4.3
4 59 22	59.8	20	3					2 14 35	22 55.9	3	7.4
6 59 24	9 1.6	30	5					3 13 30	23 0.4	4	9.6
8 59 25	3.4	40	6					4 12 25	4.8	5	11.7
10 59 26	5.2	0 50	8					5 11 19	9.2	6	13.0.8
12 11 59 27	N 9 7.0	1 0	0.9					6 10 14	13.6	7	15.1.0
14 59 29	8.8	10	1.1					7 9 9	17.9	8	18.1
16 59 30	10.6	20	2					8 8 3	22.2	9	20.3
18 59 31	12.4	30	4					9 6 57	26.4	10	22.4
20 59 32	14.2	40	5					10 5 52	30.7	11	24.5
22 59 34	16.1	1 50	7					11 4 46	34.9	12	26.7
24 11 59 35	N 9 17.9	2 0	1.8							13	29.1.8
(視半徑 S.D. 15 59)											
No. 氷恒星 U=0 ^h の値				♂ 火星				♂ 木星			
No.	氷恒星	E _s	d	h	m	s		h	m	s	
1	Polaris	11 38 27	N 89 1.2	0 3 53 53	N 17 36.8	0 0	0.0	0 3 53 53	N 17 36.8	0 0	0.0
2	Kochab	22 33 25	74 21.9	2 54 10	36.4	10	1 0	2 54 10	36.4	10	1 0
3	Dubhe	2 23 45	62 2.1	4 54 27	35.9	20	3 1	4 54 27	35.9	20	3 1
4	β Casiop.	13 18 0	58 51.6	6 54 43	35.5	30	4 1	6 54 43	35.5	30	4 1
5	Merk	2 25 35	56 39.8	8 55 0	35.1	40	6 1	8 55 0	35.1	40	6 1
6	Alioth	0 32 33	N 86 14.5	10 55 17	34.6	0 50	7 2	10 55 17	34.6	0 50	7 2
7	Schedr	12 46 51	55 15.0	12 3 55 33	N 17 34.2	1 0	9 0.2	12 3 55 33	N 17 34.2	1 0	9 0.2
8	Mizar	0 2 28	55 11.7	14 55 50	33.8	10	10 2	14 55 50	33.8	10	10 2
9	α Perai	10 3 47	49 40.8	16 56 7	33.3	20	11 3	16 56 7	33.3	20	11 3
10	Bowdnach	23 38 49	49 34.2	18 56 23	32.9	30	13 3	18 56 23	32.9	30	13 3
11	Capella	8 11 31	N 45 57.1	20 56 57	32.4	40	14 3	20 56 57	32.4	40	14 3
12	Donab	16 44 42	45 5.2	22 56 57	32.0	1 50	16 1.4	22 56 57	32.0	1 50	16 1.4
13	Vega	18 49 10	38 43.7	24 3 57 13	N 17 31.6	2 0	17 0.4	24 3 57 13	N 17 31.6	2 0	17 0.4
14	Castor	5 53 3	32 0.4								
15	Alph rati	13 18 40	28 48.1								
16	Polaris	5 42 13	N 28 9.4								
17	α Cor. Bor.	21 51 50	25 53.0								
18	Arcturus	23 11 2	19 26.9								
19	Aldebaran	8 51 26	16 24.4								
20	Merkab	14 22 12	14 55.3								
21	Donabola	1 37 55	N 14 51.7								
22	α Ophiuchi	19 51 49	12 35.5								
23	Regulus	3 18 43	12 13.3								
24	Altair	17 35 6	8 43.5								
25	Betelgeuz	7 32 0	7 24.0								
26	Bellatrix	8 2 1	N 6 18.3								
27	Procyon	5 47 46	N 5 21.6								
28	Rigel	8 12 19	S 8 15.7								
29	α Hydrze	3 59 18	8 26.0								
30	Spica	0 1 52	10 53.6								
31	Sirius	6 41 29	S 16 38.7								
32	β Ceti	12 43 23	18 16.4								
33	Antares	20 58 7	25 19.1								
34	α Sagitarii	18 32 18	26 21.9								
35	Fomalhaut	14 29 34	29 54.1								
36	λ Scorpis	19 54 15	S 37 4.1								
37	Canopus	7 1 34	52 40.2								
38	α Pionia	17 2 48	56 54.1								
39	Achernar	11 48 35	57 30.0								
40	β Crucia	0 39 39	59 24.5								
41	β Centauri	23 24 11	S 60 7.5								
42	α Centauri	22 48 16	60 37.4								
43	α Crucia	1 0 37	62 48.9								
44	α Tri. Aust.	20 41 10	68 56.1								
45	β Crucia	4 11 42	S 69 30.4								
R ₀ 13 24 21											
P 惑星											
星名	赤經 R.A.	光度 Mag.	地平線差 H.P.	視半徑 S.D.							
♀金星	4 25	-4.0	0.2	12							
♂火星	9 30	+0.2	0.2	5							
♂木星	17 55	-1.9	0.0	19							
♂土星	9 14	+0.5	0.0	9							

Main astronomical data table for April 14, 1934. Includes columns for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and various stars (恒星). Tables include right ascension, declination, magnitude, and distance data.

Main astronomical data table for April 15, 1934. Includes columns for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and various stars (恒星). Tables include right ascension, declination, magnitude, and distance data.

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including right ascension, declination, and magnitude data.

Table for Jupiter (木星) with columns for right ascension, declination, and magnitude data.

Table for Saturn (土星) with columns for right ascension, declination, and magnitude data.

Table for the Pleiades (昴星) with columns for star name, right ascension, declination, and magnitude.

Bottom text for page 108 containing reference values and coordinates.

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including right ascension, declination, and magnitude data.

Table for Jupiter (木星) with columns for right ascension, declination, and magnitude data.

Table for Saturn (土星) with columns for right ascension, declination, and magnitude data.

Table for the Pleiades (昴星) with columns for star name, right ascension, declination, and magnitude.

Bottom text for page 109 containing reference values and coordinates.

☉ 太陽				♃ 木星				♅ 金星			
U	E ₀	d	dの比例部分	U	E _p	d	E _p d	U	E _t	d	E _t d
0	12	0	33	0	10	0	0.0	0	4	33	42
2	0	34	44.9	2	5	35	25.5	2	5	35	25.5
4	0	35	46.7	4	5	37	28.1	4	5	37	28.1
6	0	36	48.4	6	5	39	30.7	6	5	39	30.7
8	0	37	50.1	8	5	41	33.3	8	5	41	33.3
10	0	39	51.9	10	5	43	35.9	10	5	43	35.9
12	12	0	40	12	5	45	38.5	12	5	45	38.5
14	0	41	55.4	14	5	47	41.1	14	5	47	41.1
16	0	42	57.1	16	5	49	43.7	16	5	49	43.7
18	0	43	58.9	18	5	51	46.3	18	5	51	46.3
20	0	44	60.6	20	5	53	48.9	20	5	53	48.9
22	0	45	62.3	22	5	55	51.5	22	5	55	51.5
24	12	0	46	24	5	57	54.1	24	5	57	54.1

(観半徑 S.D. 15.57)

No. 米恒星		U=Q ^b の値		♂ 火星			
E _p	d	h	m	s	o	°	′
1	Polaris	11	58	9	N89	1.2	0 0 0 0.0
2	Kochab	22	53	8	74	21.9	8 5 10 1 0
3	Dubhe	2	43	28	62	2.1	8 0 20 3 1
4	β Cassiop.	13	37	43	58	51.6	6 10 59 7.5 30 4 1
5	Mercab	2	45	18	58	39.8	8 11 15 7.0 40 5 2
6	Alioth	0	52	16	N56	14.5	10 11 31 6.5 0 50 7 2
7	Schedir	13	6	34	56	15.0	12 4 11 47 N17 6.0 1 0 8 0.3
8	Mizar	0	22	10	55	11.7	14 12 2 5.5 10 9 3
9	α Persei	10	23	30	49	40.8	16 12 18 4.9 20 11 3
10	Benetnasch	23	58	31	49	34.2	18 12 34 4.4 30 12 4
11	Capella	8	31	14	N45	57.0	20 12 49 3.9 40 13 4
12	Deub	17	4	24	45	5.2	22 13 5 3.4 1 50 15 5
13	Vega	19	8	52	38	43.7	24 4 13 21 N17 2.9 2 0 16 0.5
14	Castor	6	12	46	32	0.4	
15	Alpharatz	13	38	23	28	48.1	
16	Pollux	6	1	56	N25	9.4	
17	α Cor. Bor.	22	11	33	26	53.1	
18	Arcturus	23	30	45	19	26.9	
19	Aldebaran	9	11	8	16	24.4	
20	Marsab	14	41	54	14	55.3	
21	Donabola	1	57	38	N14	51.7	
22	α Ophiuchi	20	11	31	12	35.5	
23	Regulus	3	38	26	12	13.3	
24	Altair	17	55	49	8	43.5	
25	Betelgeuse	7	51	43	7	24.0	
26	Bellatrix	8	21	44	N 6	18.3	
27	Procyon	6	7	29	N 5	21.6	
28	Rigel	8	32	2	S 8	15.7	
29	α Hydrie	4	19	1	8	25.0	
30	Spica	0	21	35	10	53.6	
31	Sirius	7	1	12	S16	38.7	
32	β Ceti	13	3	6	18	16.4	
33	Antares	21	17	49	25	19.2	
34	α Sagittarii	18	52	0	25	21.9	
35	Fomalhaut	14	49	17	29	54.1	
36	γ Scorpii	20	13	58	S37	4.1	
37	Cunopus	7	21	16	52	40.2	
38	α Perseis	17	22	30	56	54.1	
39	Achernar	12	8	18	57	30.0	
40	β Crucis	0	59	22	59	24.5	
41	β Centauri	23	43	53	S60	7.5	
42	α Centauri	23	7	58	60	37.4	
43	α Crucis	1	20	20	62	48.9	
44	α Tri. Aus.	21	0	53	68	56.1	
45	β Corinae	4	31	25	S69	30.4	

♃ 木星	
h	m
0	4 10 12
2	10 27
4	10 43
6	10 59
8	11 15
10	11 31
12	11 47
14	12 2
16	12 18
18	12 34
20	12 49
22	13 5
24	13 21

♂ 火星	
h	m
0	19 48 42
2	49 2
4	49 22
6	49 42
8	50 2
10	50 22
12	19 50 41
14	51 1
16	51 21
18	51 41
20	52 1
22	52 21
24	19 52 41

♁ 土星	
h	m
0	4 29 39
2	29 58
4	30 18
6	30 38
8	30 57
10	31 17
12	4 31 37
14	31 56
16	32 16
18	32 36
20	32 55
22	33 15
24	4 33 35

P 惑星			
星名	赤緯 R.A.	光度 Mag.	地平高度 H.P.
♀金星	4 46	-4.0	0.2
♂火星	9 34	+0.3	0.1
♃木星	17 55	-1.9	0.0
♁土星	9 14	+0.5	0.0

Ro 13 44 3

☉ 太陽				♃ 木星				♅ 金星			
U	E ₀	d	dの比例部分	U	E _p	d	E _p d	U	E _t	d	E _t d
0	12	0	46	0	11	4.1	0 0 0.0	0	3	40	22
2	0	47	5.8	2	11	5.8	10 1	2	3	39	17
4	0	49	7.5	4	11	7.5	20 3	4	3	38	12
6	0	50	9.3	6	11	9.3	30 4	6	3	37	7
8	0	51	11.0	8	11	11.0	40 6	8	3	36	3
10	0	52	12.7	10	11	12.7	50 7	10	3	35	8
12	12	0	53	12	11	14.4	1 0 0.9	12	3	34	58
14	0	54	16.2	14	11	16.2	10 1.0	14	3	34	58
16	0	55	17.9	16	11	17.9	20 1	16	3	34	58
18	0	56	19.6	18	11	19.6	30 3	18	3	34	58
20	0	57	21.3	20	11	21.3	40 4	20	3	34	58
22	0	58	23.0	22	11	23.0	50 6	22	3	34	58
24	12	0	59	24	11	24.8	2 0 1.7	24	3	34	58

(観半徑 S.D. 15.57)

No. 米恒星		U=Q ^b の値		♂ 火星			
E _p	d	h	m	s	o	°	′
1	Polaris	12	2	6	N89	1.2	0 0 0 0.0
2	Kochab	22	57	4	74	21.9	2 4 13 52
3	Dubhe	2	47	25	62	2.1	6 14 8 1.4 30 4 1
4	β Cassiop.	13	41	39	58	51.6	8 14 24 0.9 40 5 2
5	Mercab	2	49	15	56	39.8	10 14 39 17 0.3 0 50 7 2
6	Alioth	0	58	12	N56	14.5	12 4 14 53 N16 59.8 1 0 8 0.3
7	Schedir	13	10	30	56	15.0	14 15 10 59.3 10 9 3
8	Mizar	0	26	7	55	11.7	16 15 26 53.8 20 11 3
9	α Persei	10	27	26	49	40.8	18 15 42 58.3 30 12 4
10	Benetnasch	0	2	28	49	34.2	20 15 57 57.7 40 13 4
11	Capella	8	35	10	N45	57.0	22 16 13 57.2 1 50 15 5
12	Deub	17	8	21	45	5.2	24 4 16 28 N16 56.7 2 0 16 0.5
13	Vega	19	12	49	38	43.7	
14	Castor	6	16	43	32	0.4	
15	Alpharatz	13	42	20	28	48.1	
16	Pollux	6	5	52	N28	9.4	
17	α Cor. Bor.	22	15	29	26	53.1	
18	Arcturus	23	34	41	19	26.9	
19	Aldebaran	9	15	5	16	24.4	
20	Marsab	14	45	51	14	55.3	
21	Donabola	2	1	34	N14	51.7	
22	α Ophiuchi	20	15	28	12	35.5	
23	Regulus	3	42	23	12	13.3	
24	Altair	17	59	45	8	43.5	
25	Betelgeuse	7	55	39	7	24.0	
26	Bellatrix	8	25	40	N 6	18.3	
27	Procyon	6	11	25	N 5	21.6	
28	Rigel	8	35	53	S 8	15.7	
29	α Hydrie	4	22	58	8	26.0	
30	Spica	0	25	32	10	53.6	
31	Sirius	7	5	9	S16	38.7	
32	β Ceti	13	7	2	18	16.3	
33	Antares	21	21	46	25	19.2	
34	α Sagittarii	18	55	57	26	21.9	
35	Fomalhaut	14	53	14	29	54.1	
36	γ Scorpii	20	17	54	S37	4.1	
37	Cunopus	7	25	13	52	40.2	
38	α Perseis	17	26	27	56	54.1	
39	Achernar	12	12	15	57	30.0	
40	β Crucis	1	3	18	59	24.5	
41	β Centauri	23	47	50	S60	7.5	
42	α Centauri	23	11	55	60	37.4	
43	α Crucis	1	24	17	62	48.9	
44	α Tri. Aus.	21	4	49	68	56.1	
45	β Corinae	4	35	21	S69	30.4	

♃ 木星	
h	m
0	4 33 25
2	33 54
4	34 14
6	34 33
8	34 53
10	35 13
12	4 35 32
14	35 52
16	36 12
18	36 31
20	36 51
22	37 11
24	4 37 30

♂ 火星	
h	m
0	19 52 41
2	53 1
4	52 21
6	53 41
8	54 1
10	54 21
12	19 54 41
14	55 1
16	55 21
18	55 41
20	56 1
22	56 21
24	19 55 41

♁ 土星	
h	m
0	4 33 25
2	33 54
4	34 14
6	34 33
8	34 53
10	35 13
12	4 35 32
14	35 52
16	3

太陽				惑星				月齢10.4			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _c	d	E _c d
h m s	N 24.8	0 0	0.0	♀金星				h m s	N 11 12.3	m s	1 2 0.3
0 12 1 0								0 2 49 47	11 4.6	2 4 5	
2 1 1	26.5	10	1					1 47 44	10 55.9	3 6 0.8	
4 1 2	28.2	20	3					4 46 42	49.1	4 8 1.0	
6 1 3	29.9	30	4					2 45 41	41.4	5 10 3	
8 1 4	31.6	40	6					4 44 39	33.6	6 12 6	
10 1 5	33.4	50	7					3 43 38	25.8	7 14 1.8	
12 1 6	N 11 35.1	1 0	0.9					8 42 36	18.0	8 16 2.1	
14 1 7	36.8	10	1.0					4 41 35	10.2	9 18 3	
16 1 8	38.5	20	1					5 40 34	10 2.4	10 20 6	
18 1 9	40.2	30	3					5 39 33	9 54.6	11 22 2.9	
20 1 10	41.9	40	4					38 32	46.7	12 24 3.1	
22 1 11	43.6	50	6					(H.P. 59.8, S.D. 16 17)			
24 1 12	N 11 45.3	2 0	1.7					6 2 37 30	N 9 38.8	15 30 3.9	
(観半徑 S.D. 15 57)								6 36 29	31.0	16 33 4.2	
No. 氷恒星 U=0hの値				♂火星				♂木星			
No.	E ₀	d		h m s	N			h m s	N		
1 Polaris	12 6 2	N 89 1.2		0 4 16 28	N 16 56.7	0 0 0 0.0		0 4 16 28	N 16 56.7	0 0 0 0.0	
2 Kochab	23 1 1	74 21.9		2 16 44	56.2	10 1 0		2 16 44	56.2	10 1 0	
3 Duhab	2 51 22	62 2.1		4 16 59	55.7	20 3 1		4 16 59	55.7	20 3 1	
4 β Cassiop.	13 45 36	58 51.6		6 17 15	55.1	30 4 1		6 17 15	55.1	30 4 1	
5 Merak	2 53 11	56 39.8		8 17 30	54.6	40 5 2		8 17 30	54.6	40 5 2	
6 Alloth	1 0 9	N 56 14.5		10 17 46	54.1	0 50 6 2		10 17 46	54.1	0 50 6 2	
7 Scheat	13 14 27	56 15.0		12 4 18 1	N 16 53.5	1 0 8 0.3		12 4 18 1	N 16 53.5	1 0 8 0.3	
8 Miror	0 30 4	55 11.7		14 18 16	53.0	10 9 3		14 18 16	53.0	10 9 3	
9 α Persei	10 31 23	49 40.8		16 18 32	52.5	20 10 3		16 18 32	52.5	20 10 3	
10 Betelgeuse	0 6 24	49 34.2		18 18 47	51.9	30 11 4		18 18 47	51.9	30 11 4	
11 Capella	8 39 7	N 45 57.0		20 19 3	51.4	40 13 4		20 19 3	51.4	40 13 4	
12 Denab	17 12 18	45 5.3		22 19 18	50.9	1 50 14 5		22 19 18	50.9	1 50 14 5	
13 Vega	19 16 45	38 43.7		24 4 19 33	N 16 50.3	2 0 15 0.5		24 4 19 33	N 16 50.3	2 0 15 0.5	
14 Castor	6 20 39	32 0.4		(H.P. 59.8, S.D. 16 17)							
15 Alpheratz	13 46 16	28 48.1		12 2 25 21	N 8 3.5	m s	1 2 0.3	12 2 25 21	7 55.5	1 2 0.3	
16 Polux	6 9 49	N 28 9.4		14 24 21	7 55.5	2 4 5		14 24 21	7 55.5	2 4 5	
17 α Cor. Bor.	22 19 26	25 53.1		16 24 21	7 55.5	3 6 0.8		16 24 21	7 55.5	3 6 0.8	
18 Arcturus	23 38 38	19 27.0		18 23 20	47.4	4 8 1.1		18 23 20	47.4	4 8 1.1	
19 Aldebaran	9 19 1	16 24.4		20 22 20	39.4	5 10 4		20 22 20	39.4	5 10 4	
20 Markab	14 49 47	14 55.3		22 20 19	23.3	6 12 6		22 20 19	23.3	6 12 6	
21 Denebola	2 5 31	N 14 51.7		24 19 18	50.9	7 14 1.9		24 19 18	50.9	7 14 1.9	
22 α Ophiuchi	20 19 24	12 35.5		16 18 19	50.9	8 16 2.2		16 18 19	50.9	8 16 2.2	
23 Regulus	3 46 19	12 13.3		17 19 19	42.8	9 18 4		17 19 19	42.8	9 18 4	
24 Altair	18 3 42	8 43.5		18 18 19	50.9	10 20 2.7		18 18 19	50.9	10 20 2.7	
25 Betelgeuse	7 59 36	7 24.0		20 19 3	51.4	11 22 3.0		20 19 3	51.4	11 22 3.0	
26 Bellatrix	8 29 37	N 6 18.3		22 4 19 33	N 16 50.3	12 24 2		22 4 19 33	N 16 50.3	12 24 2	
27 Procyon	6 15 22	N 5 21.6		6 57 41	55.9	13 26 5		6 57 41	55.9	13 26 5	
28 Rigel	8 39 55	S 8 15.7		8 58 1	55.9	14 30 3.8		8 58 1	55.9	14 30 3.8	
29 α Hydraz	4 26 54	8 25.0		10 53 21	55.9	15 30 4.1		10 53 21	55.9	15 30 4.1	
30 Spica	0 29 28	10 58.6		12 19 58 41	S 22 55.9	16 32 3.6		12 19 58 41	S 22 55.9	16 32 3.6	
31 Sirius	7 9 6	S 16 38.7		14 59 1	55.9	17 34 6		14 59 1	55.9	17 34 6	
32 β Ceti	13 10 59	16 16.3		16 59 21	55.9	18 36 5.1		16 59 21	55.9	18 36 5.1	
33 Antares	21 25 42	26 19.2		18 19 59 42	55.9	19 38 5.1		18 19 59 42	55.9	19 38 5.1	
34 α Sagittari	18 59 53	25 21.9		20 20 0 2	55.9	20 40 4		20 20 0 2	55.9	20 40 4	
35 Fomalhaut	14 57 10	29 54.1		22 0 22	55.9	21 42 7		22 0 22	55.9	21 42 7	
36 λ Scorpii	20 21 51	S 37 4.1		24 20 0 42	S 22 55.9	22 44 5.9		24 20 0 42	S 22 55.9	22 44 5.9	
37 Anopus	7 29 10	52 40.2		(H.P. 59.7, S.D. 16 17)							
38 α Perseus	17 30 23	56 54.1		18 2 13 18	N 6 26.6	23 46 6.2		18 2 13 18	N 6 26.6	23 46 6.2	
39 Acherrag	12 16 11	57 30.0		19 11 18	18.4	24 48 5		19 11 18	18.4	24 48 5	
40 β Crucis	1 7 15	59 24.5		21 7 19	37.7	25 50 6.8		21 7 19	37.7	25 50 6.8	
41 β Centauri	23 51 46	S 60 7.5		23 4 20	13.1	26 52 7.0		23 4 20	13.1	26 52 7.0	
42 α Centauri	23 15 51	60 37.4		24 2 20	4 56.7	27 54 3		24 2 20	4 56.7	27 54 3	
43 α Crucis	1 23 13	62 48.9		24 2 21	N 4 48.5	28 56 6		24 2 21	N 4 48.5	28 56 6	
44 α Tri. Aus.	21 8 46	68 56.1		(H.P. 59.7, S.D. 16 16)							
45 β Carinae	4 39 18	S 69 30.4		18 12 18	N 6 26.6	29 58 7.8		18 12 18	N 6 26.6	29 58 7.8	

太陽				惑星				月齢11.4			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E _c	d	E _c d
h m s	N 11 45.3	0 0	0.0	♀金星				h m s	N 4 48.5	m s	1 2 0.3
0 12 1 12								0 2 1 21	48.5	1 2 0.3	
2 1 1	47.0	10	1					2 0 21	40.3	2 4 6	
4 1 14	48.7	20	3					1 59 22	32.1	3 6 0.8	
6 1 15	50.4	30	4					58 22	23.8	4 8 1.1	
8 1 16	52.1	40	6					2 57 23	15.6	5 10 4	
10 1 17	53.8	50	7					56 23	4 7.4	6 12 7	
12 1 19	N 11 55.5	1 0	0.9					3 55 24	3 59.1	7 14 1.9	
14 1 20	57.2	10	1.0					54 25	50.9	8 16 2.2	
16 1 21	58.9	20	1					53 25	42.6	9 18 5	
18 1 22	12 0.6	30	3					52 26	34.4	10 20 2.8	
20 1 23	2.3	40	4					51 27	26.1	11 22 3.0	
22 1 24	3.9	50	6					50 27	17.9	12 24 3	
24 1 25	N 12 5.6	2 0	1.7					(H.P. 59.7, S.D. 16 16)			
(観半徑 S.D. 15 57)								6 1 49 28	N 3 9.6	15 29 4.1	
No. 氷恒星 U=0hの値				♂火星				♂木星			
No.	E ₀	d		h m s	N			h m s	N		
1 Polaris	12 9 58	N 89 1.2		0 4 19 33	N 16 50.3	0 0 0 0.0		0 4 19 33	N 16 50.3	0 0 0 0.0	
2 Kochab	23 4 57	74 21.9		2 19 49	49.8	10 1 0		2 19 49	49.8	10 1 0	
3 Duhab	2 55 18	62 2.1		4 20 4	49.3	20 3 1		4 20 4	49.3	20 3 1	
4 β Cassiop.	13 49 32	58 51.6		6 20 19	48.7	30 4 1		6 20 19	48.7	30 4 1	
5 Merak	2 57 8	56 39.8		8 20 35	48.2	40 5 2		8 20 35	48.2	40 5 2	
6 Alloth	1 4 5	N 56 14.5		10 20 50	47.6	0 50 6 2		10 20 50	47.6	0 50 6 2	
7 Scheat	13 18 23	56 15.0		12 4 21 5	N 16 47.1	1 0 8 0.3		12 4 21 5	N 16 47.1	1 0 8 0.3	
8 Miror	0 34 0	55 11.7		14 21 21	46.6	10 9 3		14 21 21	46.6	10 9 3	
9 α Persei	10 35 19	49 40.8		16 21 36	46.0	20 10 3		16 21 36	46.0	20 10 3	
10 Betelgeuse	0 10 21	49 34.2		18 21 51	45.5	30 11 4		18 21 51	45.5	30 11 4	
11 Capella	8 43 4	N 45 57.0		20 22 6	44.9	40 13 4		20 22 6	44.9	40 13 4	
12 Deneb	17 16 14	45 5.3		22 22 22	44.4	1 50 14 5		22 22 22	44.4	1 50 14 5	
13 Vega	19 20 42	38 43.7		24 4 22 37	N 16 43.8	2 0 15 0.5		24 4 22 37	N 16 43.8	2 0 15 0.5	
14 Castor	6 24 36	32 0.4		(H.P. 59.6, S.D. 16 15)							
15 Alpheratz	13 50 13	28 48.0		12 1 37 39	N 1 30.3	m s	1 2 0.3	12 1 37 39	N 1 30.3	m s	1 2 0.3
16 Polux	6 13 45	N 28 9.4		14 36 40	22.0	2 4 6		14 36 40	22.0	2 4 6	
17 α Cor. Bor.	22 23 22	26 53.1		16 35 41	13.7	3 6 0.8		16 35 41	13.7	3 6 0.8	
18 Arcturus	23 42 34	19 27.0		18 34 42	1 5.4	4 8 1.1		18 34 42	1 5.4	4 8 1.1</	

Table for April 22nd showing Sun (太陽), Venus (金星), and Mars (火星) positions. Includes columns for Right Ascension (U, E, d), Declination (E, d), and magnitude (E, d). Venus is at RA 12h 12m, Dec 15.7°. Mars is at RA 12h 15m, Dec 10.0°.

Table for Venus (金星) and Mars (火星) positions. Includes columns for Right Ascension (h, m, s), Declination (°, '), and magnitude (m, s). Venus is at RA 12h 12m, Dec 15.7°. Mars is at RA 12h 15m, Dec 10.0°.

Table for Jupiter (木星) and Saturn (土星) positions. Includes columns for Right Ascension (h, m, s), Declination (°, '), and magnitude (m, s). Jupiter is at RA 12h 20m, Dec 6.4°. Saturn is at RA 12h 20m, Dec 6.4°.

Table for Venus (金星), Mars (火星), Jupiter (木星), and Saturn (土星) positions. Includes columns for Right Ascension (h, m, s), Declination (°, '), and magnitude (m, s). Venus is at RA 12h 12m, Dec 15.7°. Mars is at RA 12h 15m, Dec 10.0°.

Ro 13 59 50

Table for April 23rd showing Sun (太陽), Venus (金星), and Mars (火星) positions. Includes columns for Right Ascension (U, E, d), Declination (E, d), and magnitude (E, d). Venus is at RA 12h 12m, Dec 15.7°. Mars is at RA 12h 15m, Dec 10.0°.

Table for Venus (金星) and Mars (火星) positions. Includes columns for Right Ascension (h, m, s), Declination (°, '), and magnitude (m, s). Venus is at RA 12h 12m, Dec 15.7°. Mars is at RA 12h 15m, Dec 10.0°.

Table for Jupiter (木星) and Saturn (土星) positions. Includes columns for Right Ascension (h, m, s), Declination (°, '), and magnitude (m, s). Jupiter is at RA 12h 20m, Dec 6.4°. Saturn is at RA 12h 20m, Dec 6.4°.

Table for Venus (金星), Mars (火星), Jupiter (木星), and Saturn (土星) positions. Includes columns for Right Ascension (h, m, s), Declination (°, '), and magnitude (m, s). Venus is at RA 12h 12m, Dec 15.7°. Mars is at RA 12h 15m, Dec 10.0°.

Ro 11 3 45

☉ 太陽				♃ 木星				♄ 土星				♅ 金星				♁ 火星				♁ 火星				♁ 火星																		
U	E	d	dの比例部分	U	E	d	E ₀ d	U	E	d	E ₀ d	U	E	d	E ₀ d	U	E	d	E ₀ d	U	E	d	E ₀ d	U	E	d	E ₀ d	U	E	d	E ₀ d											
h	m	s	°	h	m	s	°	h	m	s	°	h	m	s	°	h	m	s	°	h	m	s	°	h	m	s	°	h	m	s	°	h	m	s	°	h	m	s	°			
0	12	1	48	N	12	45.7	0	0	0.0	0	23	37	14	S	14	13.0	1	2	0.2	0	23	37	14	S	14	13.0	1	2	0.2	0	23	37	14	S	14	13.0	1	2	0.2			
2	1	49	47.3	10	1	1		1	37	13	26.9	2	4	4		2	35	12	40.7	2	35	12	40.7	2	35	12	40.7	2	35	12	40.7	2	35	12	40.7	2	35	12	40.7			
4	1	50	49.0	20	3	3		3	36	12	33.8	3	6	7		3	33	10	47.6	3	33	10	47.6	3	33	10	47.6	3	33	10	47.6	3	33	10	47.6	3	33	10	47.6			
6	1	51	50.6	30	4	4		4	35	12	40.7	4	8	0.9		4	34	11	47.6	4	34	11	47.6	4	34	11	47.6	4	34	11	47.6	4	34	11	47.6	4	34	11	47.6			
8	1	52	52.3	40	5	5		5	33	10	47.6	5	10	1.1		5	33	10	47.6	5	33	10	47.6	5	33	10	47.6	5	33	10	47.6	5	33	10	47.6							
10	1	53	53.9	50	5	7		6	32	9	47.6	6	12	3		6	32	9	47.6	6	32	9	47.6	6	32	9	47.6	6	32	9	47.6	6	32	9	47.6							
12	12	1	54	N	12	55.6	1	0	0.8	7	14	6		7	14	6		7	14	6		7	14	6		7	14	6		7	14	6		7	14	6						
14	1	54	57.2	10	0.9			8	16	1.8		8	16	1.8		8	16	1.8		8	16	1.8		8	16	1.8		8	16	1.8		8	16	1.8								
16	1	55	12	58.8	20	1.1		9	18	2.0		9	18	2.0		9	18	2.0		9	18	2.0		9	18	2.0		9	18	2.0		9	18	2.0								
18	1	56	13	0.5	30	2		10	20	2		10	20	2		10	20	2		10	20	2		10	20	2		10	20	2		10	20	2								
20	1	57	2.1	40	3		11	22	5		11	22	5		11	22	5		11	22	5		11	22	5		11	22	5		11	22	5									
22	1	58	3.8	1	50	5		12	24	7		12	24	7		12	24	7		12	24	7		12	24	7		12	24	7		12	24	7								
24	12	1	59	N	13	5.4	2	0	1.6	13	26	2.9		13	26	2.9		13	26	2.9		13	26	2.9		13	26	2.9		13	26	2.9		13	26	2.9						
(観半徑 S.D. 15.56)																																										
No. 米恒星 U=0hの値				♃ 木星				♄ 土星				♅ 金星				♁ 火星				♁ 火星				♁ 火星																		
1	Polaris	12	21	47	N	89	1.1	2	28	53	N	16	30.3	0	0	0.0	0	4	25	38	2	28	53	N	16	30.3	0	0	0.0	0	4	25	38									
2	Kochab	23	16	47	74	21.9	4	29	8	29.2	20	3	1	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
3	Dubhe	3	7	8	62	2.1	6	29	23	28.6	30	4	2	2	2	2	10	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2								
4	γ Cassiop.	14	1	22	58	51.6	8	29	37	28.0	40	5	2	4	0	5	2	4	0	5	2	4	0	5	2	4	0	5	2	4	0	5	2	4	0	5						
5	Merak	3	8	57	56	39.9	10	29	52	27.5	0	50	6	3	3	3	3	10	50	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3						
6	Altoth	1	15	55	N	56	14.5	12	4	30	7	N	16	26.9	1	0	8	0.3	14	3	0	7	14	3	0	7	14	3	0	7	14	3	0	7	14	3	0	7	14	3	0	7
7	Schedir	13	30	13	56	15.0	14	30	22	26.3	10	9	4	4	9	4	16	30	37	25.7	20	10	4	5	5	5	5	5	5	5	5	5	5									
8	Mizar	0	45	50	55	11.7	16	30	37	25.1	20	10	4	5	5	5	18	30	52	28.6	30	4	2	2	2	2	2	2	2	2	2	2										
9	α Persi	10	47	9	49	40.8	23	31	6	24.6	40	13	5	6	6	6	23	31	6	24.6	40	13	5	6	6	6	6	6	6	6	6	6										
10	Benetnasch	0	22	11	49	34.2	24	4	31	35	N	16	23.4	2	0	15	0.6	24	4	31	35	N	16	23.4	2	0	15	0.6	24	4	31	35	N	16	23.4	2	0	15	0.6			
11	Capella	8	54	53	N	45	57.0	15	8	41	31.8	6	12	2	2	2	2	15	8	41	31.8	6	12	2	2	2	2	2	2	2	2	2	2									
12	Donab	17	28	4	45	5.3	16	6	37	38.1	7	14	4	4	4	4	16	6	37	38.1	7	14	4	4	4	4	4	4	4	4	4	4										
13	Vega	19	32	31	38	43.7	17	4	34	34.3	8	17	2	2	2	2	17	4	34	34.3	8	17	2	2	2	2	2	2	2	2	2	2										
14	Castor	6	36	26	32	0.4	18	6	37	38.1	7	14	4	4	4	4	18	6	37	38.1	7	14	4	4	4	4	4	4	4	4	4	4										
15	Alpharatz	14	2	2	28	48.0	19	3	31	31.8	6	12	2	2	2	2	19	3	31	31.8	6	12	2	2	2	2	2	2	2	2	2	2										
16	Polaris	6	25	35	N	28	9.4	20	2	2	2	2	2	2	2	2	20	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
17	α Cor. Bor.	22	35	12	26	53.1	21	3	3	3	3	3	3	3	3	21	3	3	3	3	3	3	3	3	3	3	3	3	3	3												
18	Arcturus	23	54	24	19	27.0	22	52	24	27.0	18	37	7	7	7	7	22	52	24	27.0	18	37	7	7	7	7	7	7	7	7	7	7										
19	Aldebaran	9	34	48	16	24.4	23	13	9	55.9	10	2	0	0	0	0	23	13	9	55.9	10	2	0	0	0	0	0	0	0	0	0	0										
20	Merab	15	5	33	14	55.3	24	14	30	55.9	0	50	8	0	8	0	24	14	30	55.9	0	50	8	0	8	0	24	14	30	55.9	0	50	8	0								
21	Donab	2	21	17	N	14	51.7	12	20	14	51	S	22	55.9	1	0	10	0.0	12	20	14	51	S	22	55.9	1	0	10	0.0	12	20	14	51	S	22	55.9	1	0	10	0.0		
22	α Ophiuchi	20	35	11	12	35.5	13	10	10	55.9	40	7	0	0	0	0	13	10	10	55.9	40	7	0	0	0	0	0	0	0	0	0	0										
23	Rigel	4	2	6	12	13.3	14	15	11	55.9	10	12	0	0	0	0	14	15	11	55.9	10	12	0	0	0	0	0	0	0	0	0	0										
24	Altair	18	19	28	8	43.5	16	15	31	55.9	20	13	0	0	0	0	16	15	31	55.9	20	13	0	0	0	0	0	0	0	0	0	0										
25	Betelgeuse	8	15	22	7	24.0	18	15	52	55.9	30	15	0	0	0	0	18	15	52	55.9	30	15	0	0	0	0	0	0	0	0	0	0										
26	Bellatrix	8	45	23	N	6	18.3	20	16	12	55.9	40	17	0	0	0	20	16	12	55.9	40	17	0	0	0	0	0	0	0	0	0	0										
27	Procyon	6	31	8	N	5	21.6	22	2	2	55.9	1	50	18	0	0	22	2	2	55.9	1	50	18	0	0	0	0	0	0	0	0	0										
28	Rigel	8	55	41	S	8	15.6	23	1	1	55.9	24	20	0	0	0	8	55	41	S	8	15.6	23	1	1	1	1	1	1	1	1											
29	α Hydraz	4	42	40	8	26.0	24	20	16	53	S	22	55.9	2	0	20	0.0	4	42	40	8	26.0	24	20	16	53	S	22	55.9	2	0	20	0.0									
30	Spica	0	45	14	10	53.6	25	15	22	7	24.0	14	15	11	10	12	0	14	15	22	7	24.0	14	15	11	10	12	0	14	15	22	7	24.0									
31	Sirius	7	24	52	S	16	38.7	16	15	31	55.9	20	13	0	0	0	16	15	31	55.9	20	13	0	0	0	0	0	0	0													
32	β Ceti	13	26	45	18	16.3	17	4	34	34.3	8	17	2	2	2	2	17	4	34	34.3	8	17	2	2	2	2	2	2	2													
33	Antora	21	41	29	26	19.2	18	19	28	8	43.5	14	19	16	7	24.0																										

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes sub-tables for Venus and Moon with columns for Right Ascension (赤経), Declination (緯度), and Distance (距離).

(観半径 S.D. 15 55)

No. 米恒星 U=0h の値

Table listing 36 stars with columns for No., Name, Right Ascension (h m s), Declination (° ' "), and Distance (d).

Ro 14 15 36

No. 米恒星 U=0h の値

Table listing 36 stars with columns for No., Name, Right Ascension (h m s), Declination (° ' "), and Distance (d).

(H.P. 56.9, S.D. 15 30)

(H.P. 56.7, S.D. 15 27)

(H.P. 56.5, S.D. 15 24)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

(H.P. 56.4, S.D. 15 21)

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes sub-tables for Venus and Moon with columns for Right Ascension (赤経), Declination (緯度), and Distance (距離).

(観半径 S.O. 15 55)

No. 米恒星 U=0h の値

Table listing 36 stars with columns for No., Name, Right Ascension (h m s), Declination (° ' "), and Distance (d).

Ro 14 19 32

No. 米恒星 U=0h の値

Table listing 36 stars with columns for No., Name, Right Ascension (h m s), Declination (° ' "), and Distance (d).

(H.P. 56.2, S.D. 15 18)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

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(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

(H.P. 56.0, S.D. 15 16)

Table for April 28, 1934. Contains data for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), and Saturn (土星). Includes columns for Right Ascension (赤経), Declination (緯度), Magnitude (光度), and Zenith Distance (地平視差). Lists various stars with their coordinates and properties.

Table for April 29, 1934. Contains data for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), and Saturn (土星). Includes columns for Right Ascension (赤経), Declination (緯度), Magnitude (光度), and Zenith Distance (地平視差). Lists various stars with their coordinates and properties.

Table with columns for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Uranus (天王星). Includes magnitude (m), distance (d), and other astronomical data.

Table for Venus (金星) with columns for magnitude (m), distance (d), and other astronomical data.

Table for Mars (火星) with columns for magnitude (m), distance (d), and other astronomical data.

Table for Jupiter (木星) with columns for magnitude (m), distance (d), and other astronomical data.

Table for Saturn (土星) with columns for magnitude (m), distance (d), and other astronomical data.

Table with columns for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Uranus (天王星). Includes magnitude (m), distance (d), and other astronomical data.

Table for Venus (金星) with columns for magnitude (m), distance (d), and other astronomical data.

Table for Mars (火星) with columns for magnitude (m), distance (d), and other astronomical data.

Table for Jupiter (木星) with columns for magnitude (m), distance (d), and other astronomical data.

Table for Saturn (土星) with columns for magnitude (m), distance (d), and other astronomical data.

U の比例部分

Table showing proportions of U for various stars, with columns for star names and numerical values.

Main table for May 2nd containing astronomical data for Sun, Venus, Mars, Jupiter, Saturn, and various stars with columns for magnitude, distance, and position.

Table titled 'E_2 の比例部分' (Proportional parts of E_2) with columns for magnitude (U) and time intervals (m 0, 10, 20, 30).

Main table for May 3rd containing astronomical data for Sun, Venus, Mars, Jupiter, Saturn, and various stars with columns for magnitude, distance, and position.

Table titled 'E_2 の比例部分' (Proportional parts of E_2) for May 3rd, with columns for magnitude (U) and time intervals (m 0, 10, 20, 30).

Table for Sun (太陽) and Venus (金星) on May 4th. Includes columns for Right Ascension (U, E), Declination (d), and magnitude (E, d). Venus is at RA 15h 38m 37s, Dec 10° 29' 0.2".

Table for Mars (火星) on May 4th. Includes columns for Right Ascension (U, E), Declination (d), and magnitude (E, d). Mars is at RA 15h 14m 5.3s, Dec 0° 0' 0.0".

Table for Jupiter (木星) on May 4th. Includes columns for Right Ascension (U, E), Declination (d), and magnitude (E, d). Jupiter is at RA 15h 15m 2.2s, Dec 1° 0' 10.1".

Table for Saturn (土星) on May 4th. Includes columns for Right Ascension (U, E), Declination (d), and magnitude (E, d). Saturn is at RA 17h 53m, Dec -2° 0' 0.0".

Summary table for planetary positions on May 4th, listing Right Ascension (Ra) and Declination (Dec) for each planet.

Table for Sun (太陽) and Venus (金星) on May 5th. Includes columns for Right Ascension (U, E), Declination (d), and magnitude (E, d). Venus is at RA 16h 9m 0.0s, Dec 0° 0' 0.0".

Table for Mars (火星) on May 5th. Includes columns for Right Ascension (U, E), Declination (d), and magnitude (E, d). Mars is at RA 15h 6m 2.0s, Dec 0° 0' 0.0".

Table for Jupiter (木星) on May 5th. Includes columns for Right Ascension (U, E), Declination (d), and magnitude (E, d). Jupiter is at RA 15h 14m 5.7s, Dec 2° 0' 13.0".

Table for Saturn (土星) on May 5th. Includes columns for Right Ascension (U, E), Declination (d), and magnitude (E, d). Saturn is at RA 17h 53m, Dec -2° 0' 0.0".

Summary table for planetary positions on May 5th, listing Right Ascension (Ra) and Declination (Dec) for each planet.

☉ 太陽				♁ 惑星				☾ 月 月齢26.4			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s	° ' "	° ' "	° ' "	♀ 金星				h m s	° ' "	m s "	° ' "
0 12 3 25	N16 27.0	0 0	0.0	0 14 18 56	N0 32.6	1 2 0.2	1 2 0.2	0 14 18 56	N0 32.6	1 2 0.2	1 2 0.2
2 3 26	28.4	10	1	1 17 16	47.0	3 5 0.7	2 3 5	1 17 16	47.0	3 5 0.7	2 3 5
4 3 26	29.8	20	2	2 15 35	0 54.2	4 7 1.0	3 5 0.7	2 15 35	0 54.2	4 7 1.0	3 5 0.7
6 3 25	31.2	30	4	3 13 54	1 15.7	7 12 7	4 7 1.0	3 13 54	1 15.7	7 12 7	4 7 1.0
8 3 27	32.6	40	5	4 13 4	22.9	8 14 1.9	5 9 2	4 13 4	22.9	8 14 1.9	5 9 2
10 3 27	34.0	0 50	6	5 10 32	37.3	10 17 4	6 10 4	5 10 32	37.3	10 17 4	6 10 4
				6 5 59 49	N27 24.4	1 0 2 0.0	7 12 7	6 5 59 49	N27 24.4	1 0 2 0.0	7 12 7
				7 5 59 52	24.4	10 2 0	8 14 1.9	7 5 59 52	24.4	10 2 0	8 14 1.9
				8 5 59 37	24.4	20 1 0	9 15 2.2	8 5 59 37	24.4	20 1 0	9 15 2.2
				9 5 59 45	24.4	0 50 1 0	10 17 4	9 5 59 45	24.4	0 50 1 0	10 17 4
				10 5 59 39	24.4	30 1 0	11 19 6	10 5 59 39	24.4	30 1 0	11 19 6
				11 5 59 49	N27 24.4	1 0 2 0.0	12 20 2.9	11 5 59 49	N27 24.4	1 0 2 0.0	12 20 2.9
				12 5 59 52	24.4	10 2 0	13 22 3.1	12 5 59 52	24.4	10 2 0	13 22 3.1
				13 5 59 55	24.4	20 2 0	14 24 4	13 5 59 55	24.4	20 2 0	14 24 4
				14 5 59 55	24.4	30 2 0	15 26 6	14 5 59 55	24.4	30 2 0	15 26 6
				15 5 59 55	24.4	40 3 0	16 27 3.8	15 5 59 55	24.4	40 3 0	16 27 3.8
				16 5 59 55	24.4	50 3 0	17 29 4.1	16 5 59 55	24.4	50 3 0	17 29 4.1
				17 5 59 55	24.4	0 50 3 0	18 31 3	17 5 59 55	24.4	0 50 3 0	18 31 3
				18 5 59 55	24.4	10 3 0	19 32 6	18 5 59 55	24.4	10 3 0	19 32 6
				19 5 59 55	24.4	20 3 0	20 34 4.8	19 5 59 55	24.4	20 3 0	20 34 4.8
				20 5 59 55	24.4	30 3 0	21 36 5.0	20 5 59 55	24.4	30 3 0	21 36 5.0
				21 5 59 55	24.4	40 3 0	22 37 3	21 5 59 55	24.4	40 3 0	22 37 3
				22 5 59 55	24.4	50 3 0	23 39 5	22 5 59 55	24.4	50 3 0	23 39 5
				23 5 59 55	24.4	0 50 3 0	24 41 5.8	23 5 59 55	24.4	0 50 3 0	24 41 5.8
				24 5 59 55	24.4	10 3 0	25 43 6.0	24 5 59 55	24.4	10 3 0	25 43 6.0
							26 44 2				26 44 2
							27 46 5				27 46 5
							28 48 6.7				28 48 6.7
							29 49 7.0				29 49 7.0
							30 50 8				30 50 8
							31 51 0				31 51 0
							32 51 8				32 51 8
							33 52 4				33 52 4
							34 52 2				34 52 2
							35 52 2				35 52 2
							36 52 2				36 52 2
							37 52 2				37 52 2
							38 52 2				38 52 2
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Table with columns: 太陽 (Sun), P 惑星 (Planets), 比例部分 (Proportions), 月 (Moon), 月齡28.4 (Moon Age 28.4), 比例部分 (Proportions). Includes data for Venus (♀金星) and Mars (♂火星).

Table for 木 星 (Jupiter) with columns: No. 恒星 (Star No.), U=O^h の値 (U=O^h value), E_s, d. Lists stars like Polaris, Kochab, Deneb, etc.

Table for 土 星 (Saturn) with columns: No. 恒星 (Star No.), U=O^h の値 (U=O^h value), E_s, d. Lists stars like Polaris, Kochab, Deneb, etc.

Table for 土 星 (Saturn) with columns: 星名 (Star Name), 赤經 (R.A.), 光度 (Mag.), 地平線高度 (H.P.), 視半徑 (S.D.). Includes data for Jupiter (♂木星) and Saturn (♄土星).

Table with columns: 太陽 (Sun), P 惑星 (Planets), 比例部分 (Proportions), 月 (Moon), 月齡28.4 (Moon Age 28.4), 比例部分 (Proportions). Includes data for Venus (♀金星) and Mars (♂火星).

Table for 木 星 (Jupiter) with columns: No. 恒星 (Star No.), U=O^h の値 (U=O^h value), E_s, d. Lists stars like Polaris, Kochab, Deneb, etc.

Table for 土 星 (Saturn) with columns: No. 恒星 (Star No.), U=O^h の値 (U=O^h value), E_s, d. Lists stars like Polaris, Kochab, Deneb, etc.

Table for 土 星 (Saturn) with columns: 星名 (Star Name), 赤經 (R.A.), 光度 (Mag.), 地平線高度 (H.P.), 視半徑 (S.D.). Includes data for Jupiter (♂木星) and Saturn (♄土星).

Table for May 10, 1934, showing astronomical data for the Sun, planets, and stars. Includes columns for right ascension, declination, magnitude, and distance. Lists include the Sun, Venus, Mars, Jupiter, Saturn, and various stars like Polaris and Sirius.

Table for May 11, 1934, showing astronomical data for the Sun, planets, and stars. Includes columns for right ascension, declination, magnitude, and distance. Lists include the Sun, Venus, Mars, Jupiter, Saturn, and various stars like Polaris and Sirius.

Table for May 12, 1934. Includes columns for Sun (太陽), Planets (惑星), Moon (月), Stars (恒星), and a summary table at the bottom. Stars listed include Polaris, Kochab, Dubhe, etc.

Table for May 13, 1934. Includes columns for Sun (太陽), Planets (惑星), Moon (月), Stars (恒星), and a summary table at the bottom. Stars listed include Polaris, Kochab, Dubhe, etc.

Table with columns: 太陽 (Sun), 惑星 (Planets), 金星 (Venus), 火星 (Mars), 木星 (Jupiter), 土星 (Saturn). Includes astronomical data like right ascension, declination, and magnitude.

(視半徑 S.D. 15 51)

No. 米恒星 U=0h の値

Table listing star magnitudes (No. 米恒星) with columns for star name, magnitude, and other astronomical parameters.

Re 15 26 34

Table with columns: 太陽 (Sun), 惑星 (Planets), 金星 (Venus), 火星 (Mars), 木星 (Jupiter), 土星 (Saturn). Includes astronomical data for May 15th.

(視半徑 S.D. 15 51)

No. 米恒星 U=0h の値

Table listing star magnitudes (No. 米恒星) with columns for star name, magnitude, and other astronomical parameters.

Re 15 30 30

P 惑星

Table with columns: 星名 (Star Name), 赤經 (R.A.), 光度 (Mag.), 地平距離 (H.P.), 視半徑 (S.D.).

Table with columns for Sun (太陽), Planets (惑星), and Stars (星). Includes sub-tables for U, E, d and E, d. Stars listed include 金星 (Venus) and 火星 (Mars).

Table for No. 水恒星 (Water Stars) with columns for U=0h, E, and d. Lists stars like Polaris, Kochab, etc.

Table for 木星 (Jupiter) with columns for h, m, s, o, f, h, m, s, f. Lists stars like Deneb, Vega, etc.

Table for 土星 (Saturn) with columns for h, m, s, o, f, h, m, s, f. Lists stars like Rigel, etc.

Table for P 惑星 (Planets) with columns for 星名 (Star Name), 赤経 (R.A.), 光度 (Mag.), 地平高度 (H.P.), 観測半徑 (S.D.).

Table with columns for Sun (太陽), Planets (惑星), and Stars (星). Includes sub-tables for U, E, d and E, d. Stars listed include 金星 (Venus) and 火星 (Mars).

Table for No. 水恒星 (Water Stars) with columns for U=0h, E, and d. Lists stars like Polaris, Kochab, etc.

Table for 木星 (Jupiter) with columns for h, m, s, o, f, h, m, s, f. Lists stars like Deneb, Vega, etc.

Table for 土星 (Saturn) with columns for h, m, s, o, f, h, m, s, f. Lists stars like Rigel, etc.

Table for P 惑星 (Planets) with columns for 星名 (Star Name), 赤経 (R.A.), 光度 (Mag.), 地平高度 (H.P.), 観測半徑 (S.D.).

Main astronomical data table for May 20th, including star positions, magnitudes, and celestial coordinates.

Main astronomical data table for May 21st, including star positions, magnitudes, and celestial coordinates.

☉ 太 陽			♃ 惑 星			♄ 比例部分			♁ (月 月 齢 12.9			♁ 比例部分			
U	E ₀	d	dの比例部分	U	E _p	d	E _p d	U	E _c	d	E _c d	U	E _c	d	E _c d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "
0 12 3 29	N20 19.5	0 0	0.0	♀ 金 星				0 0 55 49	S 17 35.9	1 2 0.2		0 0 55 49	S 17 35.9	1 2 0.2	
2 3 29	20.5	10	1					1 54 48	42.0	2 4 4		1 54 48	42.0	2 4 4	
4 3 29	21.5	20	2					2 53 47	48.2	3 6 6		2 53 47	48.2	3 6 6	
6 3 28	22.5	30	3					3 52 46	54.2	4 8 0.8		3 52 46	54.2	4 8 0.8	
8 3 28	23.5	40	3					4 51 45	60.3	5 10 1.0		4 51 45	60.3	5 10 1.0	
10 3 28	24.5	50	4					5 50 44	66.3	6 12 2		5 50 44	66.3	6 12 2	
12 12 3 27	N20 25.5	1 0	0.5					6 49 43	72.4	7 14 4		6 49 43	72.4	7 14 4	
14 3 27	26.4	10	6					7 48 42	78.4	8 17 5		7 48 42	78.4	8 17 5	
16 3 27	27.4	20	7					8 47 40	84.3	9 19 7		8 47 40	84.3	9 19 7	
18 3 26	28.4	30	8					9 46 39	90.3	10 21 1.9		9 46 39	90.3	10 21 1.9	
20 3 26	29.4	40	8					10 45 37	96.2	11 23 2.1		10 45 37	96.2	11 23 2.1	
22 3 26	30.3	50	9					11 44 36	102.0	12 25 3		11 44 36	102.0	12 25 3	
24 12 3 25	N20 31.3	2 0	1.0					12 43 35	107.9	13 27 5		12 43 35	107.9	13 27 5	
(観中徑 S.D. 15' 50")								13 42 33	113.8	14 29 7		13 42 33	113.8	14 29 7	
No. 氷 恒 星			♂ 火 星			♃ 土 星			♁ 月 月 齢 12.9			♁ 比例部分			
No.	氷 恒 星	E ₀	d	♂ 火 星	E _p	d	♃ 土 星	E _p d	♁ 月 月 齢 12.9	E _c	d	♁ 比例部分	E _c d		
1	Polaris	14 11 55	N89 1.0	0 5 42 36	N12 25.9	0 0 0 0.0	0 0 43 35	S18 47.9	6 0 43 35	S18 47.9	16 33 3.1	6 0 43 35	S18 47.9	16 33 3.1	
2	Kochab	1 7 11	74 22.1	2 42 48	25.1	10 1 1	1 41 31	18 59.5	7 41 31	18 59.5	18 37 5	7 41 31	18 59.5	18 37 5	
3	Dubhe	4 57 32	62 2.2	4 43 0	24.2	20 2 2	2 40 30	19 5.3	8 40 30	19 5.3	19 39 7	8 40 30	19 5.3	19 39 7	
4	β Cassiop.	15 51 44	58 51.6	6 43 12	23.3	30 3 2	3 39 28	11.1	9 39 28	11.1	20 41 3.9	9 39 28	11.1	20 41 3.9	
5	Merah	4 59 22	56 39.9	8 43 24	22.5	40 4 3	4 38 26	16.8	10 38 26	16.8	21 43 4.1	10 38 26	16.8	21 43 4.1	
6	Altoth	3 6 19	N56 14.6	10 43 36	21.6	50 5 4	5 37 24	22.5	11 37 24	22.5	22 45 3	11 37 24	22.5	22 45 3	
7	Schedir	15 20 35	56 15.0	12 5 43 47	N12 20.7	1 0 6 0.5	6 36 23	28.1	12 36 23	28.1	23 48 4	12 36 23	28.1	23 48 4	
8	Mizar	2 36 14	55 11.9	14 43 59	19.8	10 7 5	7 35 21	33.8	13 35 21	33.8	24 50 6	13 35 21	33.8	24 50 6	
9	α Persei	12 37 32	49 40.7	16 44 11	19.0	20 8 6	8 34 19	39.4	14 34 19	39.4	25 52 4.8	14 34 19	39.4	25 52 4.8	
10	Bonetnach	2 12 34	49 34.4	18 44 23	18.1	30 9 7	9 33 17	45.0	15 33 17	45.0	26 54 5.0	15 33 17	45.0	26 54 5.0	
11	Capella	10 45 17	N45 57.0	20 44 35	17.2	40 10 8	10 32 15	50.5	16 32 15	50.5	27 56 2	16 32 15	50.5	27 56 2	
12	Deneb	19 18 26	45 5.3	22 44 46	16.3	50 11 8	11 31 15	56.1	17 31 15	56.1	28 58 4	17 31 15	56.1	28 58 4	
13	Vega	21 22 54	38 43.8	24 5 44 58	N12 15.5	2 0 12 0.9	12 0 31 12	S19 56.1	18 0 31 12	S19 56.1	29 60 5.6	18 0 31 12	S19 56.1	29 60 5.6	
14	Castor	8 25 50	32 0.4				13 29 8	7.0	19 29 8	7.0		19 29 8	7.0		
15	Alpheratz	15 52 25	28 48.1				14 27 3	12.5	20 27 3	12.5		20 27 3	12.5		
16	Pollux	8 15 58	N28 9.4				15 26 1	17.9	21 26 1	17.9		21 26 1	17.9		
17	α Cor. Bor.	0 25 35	26 53.2				16 23 54	33.9	22 23 54	33.9		22 23 54	33.9		
18	Arcturus	1 44 47	19 27.0				17 21 51	44.5	23 21 51	44.5		23 21 51	44.5		
19	Aldebaran	1 25 11	16 24.4				18 20 48	49.7	24 20 48	49.7		24 20 48	49.7		
20	Marab	16 55 56	14 55.4				19 19 46	54.9	25 19 46	54.9		25 19 46	54.9		
21	Denebola	4 11 41	N14 51.7				20 18 43	S21 0.1	26 18 43	S21 0.1		26 18 43	S21 0.1		
22	α Ophiuchi	22 25 34	12 35.6				21 17 40	5.3	27 17 40	5.3		27 17 40	5.3		
23	Rigel	5 52 30	12 13.3				22 16 37	10.4	28 16 37	10.4		28 16 37	10.4		
24	Altair	20 9 50	8 43.6				23 15 34	15.5	29 15 34	15.5		29 15 34	15.5		
25	Betelgeuse	10 5 46	7 24.0				24 14 32	20.5	30 14 32	20.5		30 14 32	20.5		
26	Bellatrix	10 35 47	N 6 18.3				25 13 29	25.5	31 13 29	25.5		31 13 29	25.5		
27	Procyon	8 21 32	N 5 21.6				26 12 25	30.5	32 12 25	30.5		32 12 25	30.5		
28	Rigel	10 46 5	S 8 15.6				27 11 22	35.5	33 11 22	35.5		33 11 22	35.5		
29	α Hydras	6 33 4	8 26.0				28 10 19	40.4	34 10 19	40.4		34 10 19	40.4		
30	Spica	2 35 38	10 53.6				29 9 16	45.3	35 9 16	45.3		35 9 16	45.3		
31	Sirius	9 15 16	S16 38.6				30 8 13	50.2	36 8 13	50.2		36 8 13	50.2		
32	β Ceti	15 17 8	18 16.2				31 7 10	55.0	37 7 10	55.0		37 7 10	55.0		
33	Antares	23 31 52	26 19.2				32 0 6 6	S21 59.9	38 0 6 6	S21 59.9		38 0 6 6	S21 59.9		
34	α Sagittarii	21 6 2	26 21.9				33 0 6 6	S21 59.9	39 0 6 6	S21 59.9		39 0 6 6	S21 59.9		
35	Fomalhaut	17 3 19	29 54.0				34 0 6 6	S21 59.9	40 0 6 6	S21 59.9		40 0 6 6	S21 59.9		
36	λ Scorpii	22 28 0	S37 4.2				35 0 6 39 30	N16 57.3	41 0 6 39 30	N16 57.3		41 0 6 39 30	N16 57.3		
37	Canopus	9 35 20	52 40.1				36 2 39 49	57.2	42 2 39 49	57.2		42 2 39 49	57.2		
38	α Pavois	19 36 31	56 54.1				37 4 40 7	57.1	43 4 40 7	57.1		43 4 40 7	57.1		
39	Achernar	14 22 21	57 29.8				38 6 40 25	57.0	44 6 40 25	57.0		44 6 40 25	57.0		
40	β Crucis	3 13 25	59 24.6				39 8 40 44	55.9	45 8 40 44	55.9		45 8 40 44	55.9		
41	β Centauri	1 57 56	S60 7.7				40 10 41 3	56.9	46 10 41 3	56.9		46 10 41 3	56.9		
42	α Centauri	1 22 1	60 37.6				41 12 41 21	N16 56.8	47 12 41 21	N16 56.8		47 12 41 21	N16 56.8		
43	α Crucis	3 34 23	62 49.0				42 14 41 40	56.7	48 14 41 40	56.7		48 14 41 40	56.7		
44	α Tri. Aus.	23 14 54	68 56.2				43 16 41 58	56.6	49 16 41 58	56.6		49 16 41 58	56.6		
45	β Carinae	6 45 30	S69 30.5				44 18 42 17	56.5	50 18 42 17	56.5		50 18 42 17	56.5		
	R ₀	15 58 6					45 20 42 35	56.4	51 20 42 35	56.4		51 20 42 35	56.4		
							46 22 42 54	56.3	52 22 42 54	56.3		52 22 42 54	56.3		
							47 24 43 12	N16 56.2	53 24 43 12	N16 56.2		53 24 43 12	N16 56.2		

☉ 太 陽			♃ 惑 星			♄ 比例部分			♁ (月 月 齢 13.9			♁ 比例部分			
U	E ₀	d	dの比例部分	U	E _p	d	E _p d	U	E _c	d	E _c d	U	E _c	d	E _c d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "
0 12 3 25	N20 31.3	0 0	0.0	♀ 金 星				0 0 55 49	S 17 35.9	1 2 0.2		0 0 55 49	S 17 35.9	1 2 0.2	
2 3 25	32.3	10	1					1 54 48	42.0	2 4 4		1 54 48	42.0	2 4 4	
4 3 24	33.2	20	2					2 53 47	48.2	3 6 6		2 53 47	48.2	3 6 6	
6 3 24	34.2	30	3					3 52 46	54.2	4 8 0.8		3 52 46	54.2	4 8 0.8	
8 3 24	35.1	40	3					4 51 45	60.3	5 10 1.0		4 51 45	60.3	5 10 1.0	
10 3 23	36.1	50	4					5 50 44	66.3	6 12 2		5 50 44	66.3	6 12 2	
12 12 3 23	N20 37.0	1 0	0.5					6 49 43	72.4	7 14 4		6 49 43	72.4	7 14 4	
14 3 22	38.0	10	6					7 48 42	78.4	8 17 5		7 48 42	78.4	8 17 5	
16 3 22	38.9	20	7					8 47 40	84.3						

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes sub-columns for Right Ascension (h m s), Declination (d), and Magnitude (E). Rows list celestial objects with their coordinates and magnitudes.

Table titled 'No. 米恒星' (No. Star) listing stars like Polaris, Kochab, Dubhe, etc., with columns for Right Ascension (h m s), Declination (d), and Magnitude (E).

Table titled '24 木星' (24 Jupiter) listing Jupiter's position and magnitude over time, with columns for Right Ascension (h m s), Declination (d), and Magnitude (E).

Table titled 'P 惑星' (P Planets) listing planets like Venus, Mars, Jupiter, and Saturn with columns for Right Ascension (h m s), Declination (d), and Magnitude (E).

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes sub-columns for Right Ascension (h m s), Declination (d), and Magnitude (E). Rows list celestial objects with their coordinates and magnitudes.

Table titled 'No. 米恒星' (No. Star) listing stars like Polaris, Kochab, Dubhe, etc., with columns for Right Ascension (h m s), Declination (d), and Magnitude (E).

Table titled '24 木星' (24 Jupiter) listing Jupiter's position and magnitude over time, with columns for Right Ascension (h m s), Declination (d), and Magnitude (E).

Table titled 'P 惑星' (P Planets) listing planets like Venus, Mars, Jupiter, and Saturn with columns for Right Ascension (h m s), Declination (d), and Magnitude (E).

☉ 太 陽			♄ 惑 星			☾ 月 月 齢 18.9		
U	E ₀	d	U	E ₀	d	U	E _c	d
h m s	°	'	金 星			h m s	°	'
0 12 2 56	N21 24.8	0 0	0 19 50	S24 12.3	0 0	0 19 50	0 0	
2 2 55	25.6	10	1 48 2	8.9	1	1 48 2	8.9	
4 2 55	26.4	20	2 46 5	5.4	2	2 46 5	5.4	
6 2 54	27.2	30	3 44 8	24 1.8	3	3 44 8	24 1.8	
8 2 53	28.0	40	4 42 11	23 58.3	4	4 42 11	23 58.3	
10 2 53	28.8	50	5 40 14	54.7	5	5 40 14	54.7	
			6 38 17	51.1	6	6 38 17	51.1	
			7 36 20	47.5	7	7 36 20	47.5	
12 12 2 52	N21 29.6	1 0	8 34 23	43.8	8	8 34 23	43.8	
14 2 52	30.4	10	9 32 26	40.1	9	9 32 26	40.1	
16 2 51	31.2	20	10 30 29	36.4	10	10 30 29	36.4	
18 2 50	32.0	30	11 28 32	32.7	11	11 28 32	32.7	
20 2 50	32.8	40	12 26 35	28.9	12	12 26 35	28.9	
22 2 49	33.6	50	1 24 38	25.1	1	1 24 38	25.1	
24 12 2 48	N21 34.4	2 0	2 22 41	21.3	2	2 22 41	21.3	
			3 20 44	17.5	3	3 20 44	17.5	
			4 18 47	13.6	4	4 18 47	13.6	
			5 16 50	9.7	5	5 16 50	9.7	
			6 14 53	5.8	6	6 14 53	5.8	
			7 12 56	1.9	7	7 12 56	1.9	
			8 10 59	0.0	8	8 10 59	0.0	
			9 8 62	0.0	9	9 8 62	0.0	
			10 6 65	0.0	10	10 6 65	0.0	
			11 4 68	0.0	11	11 4 68	0.0	
			12 2 71	0.0	12	12 2 71	0.0	
			13 0 74	0.0	13	13 0 74	0.0	
			14 0 77	0.0	14	14 0 77	0.0	
			15 0 80	0.0	15	15 0 80	0.0	
			16 0 83	0.0	16	16 0 83	0.0	
			17 0 86	0.0	17	17 0 86	0.0	
			18 0 89	0.0	18	18 0 89	0.0	
			19 0 92	0.0	19	19 0 92	0.0	
			20 0 95	0.0	20	20 0 95	0.0	
			21 0 98	0.0	21	21 0 98	0.0	
			22 0 101	0.0	22	22 0 101	0.0	
			23 0 104	0.0	23	23 0 104	0.0	
			24 0 107	0.0	24	24 0 107	0.0	
			25 0 110	0.0	25	25 0 110	0.0	
			26 0 113	0.0	26	26 0 113	0.0	
			27 0 116	0.0	27	27 0 116	0.0	
			28 0 119	0.0	28	28 0 119	0.0	
			29 0 122	0.0	29	29 0 122	0.0	
			30 0 125	0.0	30	30 0 125	0.0	
			31 0 128	0.0	31	31 0 128	0.0	
			32 0 131	0.0	32	32 0 131	0.0	
			33 0 134	0.0	33	33 0 134	0.0	
			34 0 137	0.0	34	34 0 137	0.0	
			35 0 140	0.0	35	35 0 140	0.0	
			36 0 143	0.0	36	36 0 143	0.0	
			37 0 146	0.0	37	37 0 146	0.0	
			38 0 149	0.0	38	38 0 149	0.0	
			39 0 152	0.0	39	39 0 152	0.0	
			40 0 155	0.0	40	40 0 155	0.0	
			41 0 158	0.0	41	41 0 158	0.0	
			42 0 161	0.0	42	42 0 161	0.0	
			43 0 164	0.0	43	43 0 164	0.0	
			44 0 167	0.0	44	44 0 167	0.0	
			45 0 170	0.0	45	45 0 170	0.0	
			46 0 173	0.0	46	46 0 173	0.0	
			47 0 176	0.0	47	47 0 176	0.0	
			48 0 179	0.0	48	48 0 179	0.0	
			49 0 182	0.0	49	49 0 182	0.0	
			50 0 185	0.0	50	50 0 185	0.0	
			51 0 188	0.0	51	51 0 188	0.0	
			52 0 191	0.0	52	52 0 191	0.0	
			53 0 194	0.0	53	53 0 194	0.0	
			54 0 197	0.0	54	54 0 197	0.0	
			55 0 200	0.0	55	55 0 200	0.0	
			56 0 203	0.0	56	56 0 203	0.0	
			57 0 206	0.0	57	57 0 206	0.0	
			58 0 209	0.0	58	58 0 209	0.0	
			59 0 212	0.0	59	59 0 212	0.0	
			60 0 215	0.0	60	60 0 215	0.0	
			61 0 218	0.0	61	61 0 218	0.0	
			62 0 221	0.0	62	62 0 221	0.0	
			63 0 224	0.0	63	63 0 224	0.0	
			64 0 227	0.0	64	64 0 227	0.0	
			65 0 230	0.0	65	65 0 230	0.0	
			66 0 233	0.0	66	66 0 233	0.0	
			67 0 236	0.0	67	67 0 236	0.0	
			68 0 239	0.0	68	68 0 239	0.0	
			69 0 242	0.0	69	69 0 242	0.0	
			70 0 245	0.0	70	70 0 245	0.0	
			71 0 248	0.0	71	71 0 248	0.0	
			72 0 251	0.0	72	72 0 251	0.0	
			73 0 254	0.0	73	73 0 254	0.0	
			74 0 257	0.0	74	74 0 257	0.0	
			75 0 260	0.0	75	75 0 260	0.0	
			76 0 263	0.0	76	76 0 263	0.0	
			77 0 266	0.0	77	77 0 266	0.0	
			78 0 269	0.0	78	78 0 269	0.0	
			79 0 272	0.0	79	79 0 272	0.0	
			80 0 275	0.0	80	80 0 275	0.0	
			81 0 278	0.0	81	81 0 278	0.0	
			82 0 281	0.0	82	82 0 281	0.0	
			83 0 284	0.0	83	83 0 284	0.0	
			84 0 287	0.0	84	84 0 287	0.0	
			85 0 290	0.0	85	85 0 290	0.0	
			86 0 293	0.0	86	86 0 293	0.0	
			87 0 296	0.0	87	87 0 296	0.0	
			88 0 299	0.0	88	88 0 299	0.0	
			89 0 302	0.0	89	89 0 302	0.0	
			90 0 305	0.0	90	90 0 305	0.0	
			91 0 308	0.0	91	91 0 308	0.0	
			92 0 311	0.0	92	92 0 311	0.0	
			93 0 314	0.0	93	93 0 314	0.0	
			94 0 317	0.0	94	94 0 317	0.0	
			95 0 320	0.0	95	95 0 320	0.0	
			96 0 323	0.0	96	96 0 323	0.0	
			97 0 326	0.0	97	97 0 326	0.0	
			98 0 329	0.0	98	98 0 329	0.0	
			99 0 332	0.0	99	99 0 332	0.0	
			100 0 335	0.0	100	100 0 335	0.0	
			101 0 338	0.0	101	101 0 338	0.0	
			102 0 341	0.0	102	102 0 341	0.0	
			103 0 344	0.0	103	103 0 344	0.0	
			104 0 347	0.0	104	104 0 347	0.0	
			105 0 350	0.0	105	105 0 350	0.0	
			106 0 353	0.0	106	106 0 353	0.0	
			107 0 356	0.0	107	107 0 356	0.0	
			108 0 359	0.0	108	108 0 359	0.0	
			109 0 362	0.0	109	109 0 362	0.0	
			110 0 365	0.0	110	110 0 365	0.0	
			111 0 368	0.0	111	111 0 368	0.0	
			112 0 371	0.0	112	112 0 371	0.0	
			113 0 374	0.0	113	113 0 374	0.0	
			114 0 377	0.0	114	114 0 377	0.0	
			115 0 380	0.0	115	115 0 380	0.0	
			116 0 383	0.0	116	116 0 383	0.0	
			117 0 386	0.0	117	117 0 386	0.0	
			118 0 389	0.0	118	118 0 389	0.0	
			119 0 392	0.0	119	119 0 392	0.0	
			120 0 395	0.0	120	120 0 395	0.0	
			121 0 398	0.0	121	121 0 398	0.0	
			122 0 401	0.0	122	122 0 401	0.0	
			123 0 404	0.0	123	123 0 404	0.0	
			124 0 407	0.0	124	124 0 407	0.0	
			125 0 410	0.0	125	125 0 410	0.0	
			126 0 413	0.0	126	126 0 413	0.0	
			127 0 416	0.0	127	127 0 416	0.0	
			128 0 419	0.0	128	128 0 419	0.0	
			129 0 422	0.0	129	129 0 422	0.0	
			130 0 425	0.0	130	130 0 425	0.0	
			131 0 428	0.0	131	131 0 428	0.0	
			132 0 431	0.0	132	132 0 431	0.0	
			133 0 434	0.0	133	133 0 434	0.0	
			134 0 437	0.0	134	134 0 437	0.0	
			135 0 440	0.0	135	135 0 440	0.0	
			136 0 443	0.0	136	136 0 443	0.0	
			137 0 446	0.0	137	137 0 446	0.0	
			138 0 449	0.0	138	138 0 449	0.0	
			139 0 452	0.0	139	139 0 452	0.0	
			140 0 455	0.0	140	140 0 455	0.0	
			141 0 458	0.0	141	141 0 458	0.0	

◎ 太陽				♃ 惑星				(月 月齢20.9)			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "
0 12 2 41	N21 43.6	0 0	0.0	♀ 金星				0 18 21 6	S16 52.6	1 2 0.2	
2 2 40	44.3	10	1	♁ 火星				1 19 21	47.0	2 3 4	
4 2 39	45.1	20	1	♃ 木星				2 17 37	30.3	5 9 1.0	
6 2 39	45.8	30	2	♄ 土星				3 15 53	19.0	7 12 3	
8 2 38	46.6	40	2	♅ 水星				4 14 9	7.7	9 16 7	
10 2 37	47.3	50	3	♁ 火星				5 13 17	16 2.1	10 17 1.9	
12 12 2 37	N21 48.1	1 0	0.4	♁ 火星				6 11 33	50.7	12 21 3	
14 2 36	48.8	10	4	♁ 火星				7 9 49	39.2	13 23 5	
16 2 35	49.5	20	5	♁ 火星				8 8 6	27.7	14 24 7	
18 2 34	50.3	30	5	♁ 火星				9 8 6	27.7	15 26 2.9	
20 2 34	51.0	40	6	♁ 火星				10 8 6	27.7	16 28 3.0	
22 2 33	51.7	50	6	♁ 火星				11 8 6	27.7	17 29 2	
24 12 2 32	N21 52.4	2 0	0.7	♁ 火星				12 8 6	27.7	18 31 4	
(観半徑 S.D. 15 48)											
No. 氷恒星 U=0 ^h の値											
No.	氷恒星	E ₀	d								
1	Polaris	14 43 20	N89 1.0								
2	Kochab	1 38 43	74 22.1								
3	Dukh	5 29 5	62 2.2								
4	β Cassiop.	16 23 17	58 51.6								
5	Merak	5 30 54	56 39.9								
6	Alcath	3 37 52	N56 14.6								
7	Schdir	15 52 8	56 15.0								
8	Mizar	3 7 46	55 11.9								
9	α Persei	13 9 4	49 40.7								
10	Benebnach	2 44 7	49 34.4								
11	Capella	11 16 49	N45 57.0								
12	Donab	19 49 58	45 5.3								
13	Vega	21 54 26	38 43.8								
14	Cantor	8 58 22	32 0.4								
15	Aphrats	16 23 57	28 48.1								
16	Polux	8 47 31	N28 9.4								
17	α Cor Bor.	0 57 8	26 53.2								
18	Ar turus	2 16 20	19 27.1								
19	Aldebaran	11 56 44	16 24.5								
20	Merak	17 27 28	14 55.4								
21	Donab	4 43 13	N14 51.8								
22	α Oph uchi	22 57 6	12 35.6								
23	Rygnus	6 24 2	12 13.4								
24	Altair	20 41 23	8 43.6								
25	Betelgeuse	10 37 18	7 24.0								
26	Bellatrix	11 7 19	N 6 18.3								
27	Proyon	8 53 4	N 5 21.6								
28	Rigel	11 17 37	S 8 15.6								
29	α Hydraz	7 4 37	8 26.0								
30	Spica	3 7 10	10 53.6								
31	Sirus	9 46 48	S16 38.6								
32	β Ceti	15 48 40	18 16.2								
33	Antares	0 3 24	26 19.2								
34	α Sagitarii	21 37 34	26 21.9								
35	Pomahant	17 34 51	29 54.0								
36	λ Scorpū	22 59 32	S37 4.2								
37	Canopus	10 6 53	52 40.0								
38	α P. vovis	20 8 3	56 54.1								
39	Ach rax	14 53 53	57 29.8								
40	β Cruxia	3 44 58	59 24.6								
41	β Centauri	2 29 29	S60 7.7								
42	α Centauri	1 53 33	60 37.6								
43	α Cruxia	4 5 56	62 49.0								
44	α Tri. Aus.	23 46 26	68 56.3								
45	β Carinae	7 17 3	S69 30.4								
Ro 16 29 39											

◎ 太陽				♃ 惑星				(月 月齢21.9)			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "
0 12 2 32	N21 52.4	0 0	0.0	♀ 金星				0 17 40 6	S12 9.3	1 2 0.2	
2 2 32	53.1	10	1	♁ 火星				1 39 16	12 3.0	2 3 4	
4 2 31	53.9	20	1	♁ 火星				2 36 26	11 56.8	3 5 6	
6 2 30	54.6	30	2	♁ 火星				3 37 36	50.5	4 7 0.9	
8 2 30	55.3	40	2	♁ 火星				4 36 45	44.3	5 8 1.1	
10 2 29	56.0	50	3	♁ 火星				5 35 55	38.0	6 10 3	
12 12 2 28	N21 56.7	1 0	0.4	♁ 火星				6 35 5	31.7	7 12 5	
14 2 27	57.4	10	4	♁ 火星				7 34 15	25.4	8 13 7	
16 2 27	58.1	20	5	♁ 火星				8 33 25	19.1	9 15 1.9	
18 2 26	58.8	30	5	♁ 火星				9 32 35	12.7	10 17 2.1	
20 2 25	59.5	40	6	♁ 火星				10 31 45	6.4	11 18 3	
22 2 24	60.2	50	6	♁ 火星				11 30 55	11 0.0	12 20 6	
24 12 2 24	N22 0.9	2 0	0.7	♁ 火星				12 29 6	S10 53.6	13 22 2.8	
(観半徑 S.D. 15 48)											
No. 氷恒星 U=0 ^h の値											
No.	氷恒星	E ₀	d								
1	Polaris	14 47 16	N89 1.0								
2	Kochab	1 42 40	74 22.1								
3	Dukh	5 33 2	62 2.2								
4	β Cassiop.	16 27 13	58 51.6								
5	Merak	5 34 51	56 39.9								
6	Alcath	3 41 48	N56 14.6								
7	Schdir	15 56 4	56 15.0								
8	Mizar	3 11 43	55 11.9								
9	α Persei	13 13 1	49 40.7								
10	Benebnach	2 48 3	49 34.4								
11	Capella	11 20 46	N45 57.0								
12	Donab	19 53 55	45 5.3								
13	Vega	21 58 23	38 43.8								
14	Cantor	9 2 19	32 0.4								
15	Aphrats	16 27 54	28 48.1								
16	Polux	8 51 28	N28 9.4								
17	α Cor Bor.	1 1 4	26 53.2								
18	Ar turus	2 20 16	19 27.1								
19	Aldebaran	12 0 40	16 24.5								
20	Merak	17 31 25	14 55.4								
21	Donab	4 47 10	N14 51.8								
22	α Oph uchi	23 1 2	12 35.6								
23	Rygnus	6 27 59	12 13.4								
24	Altair	20 45 19	8 43.6								
25	Betelgeuse	10 41 15	7 24.0								
26	Bellatrix	11 11 16	N 6 18.3								
27	Proyon	8 57 1	N 5 21.6								
28	Rigel	11 21 34	S 8 15.6								
29	α Hydraz	7 8 33	8 26.0								
30	Spica	3 11 7	10 53.6								
31	Sirus	9 50 45	S16 38.6								
32	β Ceti	15 52 37	18 16.2								
33	Antares	0 7 20	26 19.2								
34	α Sagitarii	21 41 31	26 21.9								
35	Pomahant	17 38 48	29 54.0								
36	λ Scorpū	23 3 29	S37 4.2								
37	Canopus	10 10 49	52 40.0								
38	α P. vovis	20 12 0	56 54.1								
39	Ach rax	14 57 49	57 29.8								
40	β Cruxia	3 48 54	59 24.6								
41	β Centauri	2 33 25	S60 7.7								
42	α Centauri	1 57 30	60 37.6								
43	α Cruxia	4 9 53	62 49.0								
44	α Tri. Aus.	23 50 23	68 56.3								
45	β Carinae	7 20 59	S69 30.4								
Ro 16 33 35											

Main astronomical data table for June 1st, including Sun, Venus, Mars, Jupiter, Saturn, and various stars with columns for RA, Dec, mag, and distance.

Main astronomical data table for June 2nd, including Sun, Venus, Mars, Jupiter, Saturn, and various stars with columns for RA, Dec, mag, and distance.

Table with columns for Sun (太陽), Stars (P 惑星), and Moon (月) for June 3rd. Includes data for U, E, d, and E_d for various celestial bodies.

Table for No. 米恒星 (No. 1-15) with columns for U=0h, E, and d. Lists stars like Polaris, Kochab, etc.

Table for No. 米恒星 (No. 16-30) with columns for U=0h, E, and d. Lists stars like Alhena, Scholair, etc.

Table for No. 米恒星 (No. 31-45) with columns for U=0h, E, and d. Lists stars like Sirius, Upsilon, etc.

Table for No. 米恒星 (No. 46-60) with columns for U=0h, E, and d. Lists stars like Rigel, Betelgeuse, etc.

Table for No. 米恒星 (No. 61-75) with columns for U=0h, E, and d. Lists stars like Altair, Vega, etc.

Table for No. 米恒星 (No. 76-90) with columns for U=0h, E, and d. Lists stars like Deneb, Antares, etc.

Table for No. 米恒星 (No. 91-105) with columns for U=0h, E, and d. Lists stars like Arcturus, Aldebaran, etc.

Table for No. 米恒星 (No. 106-120) with columns for U=0h, E, and d. Lists stars like Mars, Jupiter, etc.

Table for No. 米恒星 (No. 121-135) with columns for U=0h, E, and d. Lists stars like Saturn, Uranus, etc.

Table for No. 米恒星 (No. 136-150) with columns for U=0h, E, and d. Lists stars like Neptune, Pluto, etc.

Table with columns for Sun (太陽), Stars (P 惑星), and Moon (月) for June 4th. Includes data for U, E, d, and E_d for various celestial bodies.

Table for No. 米恒星 (No. 1-15) with columns for U=0h, E, and d. Lists stars like Polaris, Kochab, etc.

Table for No. 米恒星 (No. 16-30) with columns for U=0h, E, and d. Lists stars like Alhena, Scholair, etc.

Table for No. 米恒星 (No. 31-45) with columns for U=0h, E, and d. Lists stars like Sirius, Upsilon, etc.

Table for No. 米恒星 (No. 46-60) with columns for U=0h, E, and d. Lists stars like Rigel, Betelgeuse, etc.

Table for No. 米恒星 (No. 61-75) with columns for U=0h, E, and d. Lists stars like Altair, Vega, etc.

Table for No. 米恒星 (No. 76-90) with columns for U=0h, E, and d. Lists stars like Deneb, Antares, etc.

Table for No. 米恒星 (No. 91-105) with columns for U=0h, E, and d. Lists stars like Arcturus, Aldebaran, etc.

Table for No. 米恒星 (No. 106-120) with columns for U=0h, E, and d. Lists stars like Mars, Jupiter, etc.

Table for No. 米恒星 (No. 121-135) with columns for U=0h, E, and d. Lists stars like Saturn, Uranus, etc.

Table for No. 米恒星 (No. 136-150) with columns for U=0h, E, and d. Lists stars like Neptune, Pluto, etc.

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes sub-tables for U, E, d and E, d. Contains astronomical data for June 5th.

Table for No. 米恒星 (No. 1-15) with columns for U=0h value and d. Lists stars like Polaris, Kochab, etc.

Table for No. 米恒星 (No. 16-30) with columns for U=0h value and d. Lists stars like Alia'h, Scholir, etc.

Table for No. 米恒星 (No. 31-45) with columns for U=0h value and d. Lists stars like Sirius, Betelgeuse, etc.

Table for No. 米恒星 (No. 46-60) with columns for U=0h value and d. Lists stars like Rigel, Antares, etc.

Table for No. 米恒星 (No. 61-75) with columns for U=0h value and d. Lists stars like Deneb, Altair, etc.

Table for No. 米恒星 (No. 76-90) with columns for U=0h value and d. Lists stars like Vega, Arcturus, etc.

Table for No. 米恒星 (No. 91-105) with columns for U=0h value and d. Lists stars like Spica, Procyon, etc.

Table for No. 米恒星 (No. 106-120) with columns for U=0h value and d. Lists stars like Altair, Vega, etc.

Table for No. 米恒星 (No. 121-135) with columns for U=0h value and d. Lists stars like Deneb, Altair, etc.

Table for No. 米恒星 (No. 136-150) with columns for U=0h value and d. Lists stars like Vega, Arcturus, etc.

Table with columns for Sun (太陽), Venus (金星), and Moon (月). Includes sub-tables for U, E, d and E, d. Contains astronomical data for June 6th.

Table for No. 米恒星 (No. 1-15) with columns for U=0h value and d. Lists stars like Polaris, Kochab, etc.

Table for No. 米恒星 (No. 16-30) with columns for U=0h value and d. Lists stars like Alia'h, Scholir, etc.

Table for No. 米恒星 (No. 31-45) with columns for U=0h value and d. Lists stars like Sirius, Betelgeuse, etc.

Table for No. 米恒星 (No. 46-60) with columns for U=0h value and d. Lists stars like Rigel, Antares, etc.

Table for No. 米恒星 (No. 61-75) with columns for U=0h value and d. Lists stars like Deneb, Altair, etc.

Table for No. 米恒星 (No. 76-90) with columns for U=0h value and d. Lists stars like Vega, Arcturus, etc.

Table for No. 米恒星 (No. 91-105) with columns for U=0h value and d. Lists stars like Spica, Procyon, etc.

Table for No. 米恒星 (No. 106-120) with columns for U=0h value and d. Lists stars like Altair, Vega, etc.

Table for No. 米恒星 (No. 121-135) with columns for U=0h value and d. Lists stars like Deneb, Altair, etc.

Table for No. 米恒星 (No. 136-150) with columns for U=0h value and d. Lists stars like Vega, Arcturus, etc.

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including right ascension, declination, and magnitude data.

Table for Sirius (シリウス) with columns for No. (number), magnitude (E), and distance (d).

Table for Jupiter (木星) with columns for h, m, s, and other astronomical parameters.

Table for Saturn (土星) with columns for h, m, s, and other astronomical parameters.

Table for Uranus (天王星) with columns for h, m, s, and other astronomical parameters.

Table for Neptune (海王星) with columns for h, m, s, and other astronomical parameters.

Table for Pluto (冥王星) with columns for h, m, s, and other astronomical parameters.

Table for other celestial objects with columns for h, m, s, and other astronomical parameters.

Table with columns for Sun (太陽), Venus (金星), and Mars (火星) including right ascension, declination, and magnitude data.

Table for Sirius (シリウス) with columns for No. (number), magnitude (E), and distance (d).

Table for Jupiter (木星) with columns for h, m, s, and other astronomical parameters.

Table for Saturn (土星) with columns for h, m, s, and other astronomical parameters.

Table for Uranus (天王星) with columns for h, m, s, and other astronomical parameters.

Table for Neptune (海王星) with columns for h, m, s, and other astronomical parameters.

Table for Pluto (冥王星) with columns for h, m, s, and other astronomical parameters.

Table for other celestial objects with columns for h, m, s, and other astronomical parameters.

Table for Venus (金星) with columns for star name, R.A., magnitude, distance, and other parameters.

Table for Mars (火星) with columns for star name, R.A., magnitude, distance, and other parameters.

Table for Jupiter (木星) with columns for star name, R.A., magnitude, distance, and other parameters.

Table for Saturn (土星) with columns for star name, R.A., magnitude, distance, and other parameters.

◎ 太陽				P 惑星				(月 月齡 1.5				比例部分				
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	
h 0	m 12	s 0	N22 54.7	♀	金星	0	0.0	h 0	m 10	s 35	N27 24.8	m 1	s 3	0.0		
2	0	59	55.1	10	23	12	5.2	1	32	47	24.5	2	5	0		
4	0	58	55.5	20	23	37	4.3	2	30	15	24.0	5	13	1		
6	0	58	55.9	30	24	3	3.4	3	27	42	23.3	7	18	2		
8	0	57	56.4	40	24	28	2.5	4	25	9	22.5	9	23	2		
10	0	56	56.8	50	24	53	1.6	5	22	37	21.4	11	28	3		
12	12	0	55	N22 57.2	1	0	0.2	(H.P. 59.6, S.D. 16 15)	13	33	3	13	33	3		
14	0	54	57.6	10	25	19	0.8	6	10	20	20.1	16	41	4		
16	0	53	58.0	20	26	10	0.5	7	17	32	18.6	17	43	4		
18	0	52	58.4	30	26	36	0.4	8	14	59	17.0	18	46	4		
20	0	51	58.8	40	27	2	0.3	9	12	27	15.1	19	48	4		
22	0	50	59.2	50	27	27	0.2	10	11	10	14.1	20	51	5		
24	12	0	49	N22 59.6	2	0	0.4	(H.P. 59.7, S.D. 16 16)	11	7	22	10.8	21	53	5	
(観半徑 S.D. 15 47)				♂ 火星				♂ 木星				♂ 土星				
No. 氷恒星				U=0hの値				U=0hの値				U=0hの値				
E ₀ d				E ₀ d				E ₀ d				E ₀ d				
1	Polaris	15 22 36	N89 1.0	0	6	23	12	0	6	23	12	0	6	23	12	
2	Kochab	2 18 9	74 22.2	2	23	23	1.1	2	23	23	1.1	2	23	23	1.1	
3	Dubhe	6 8 31	62 2.2	4	23	33	9 0.0	4	23	33	9 0.0	4	23	33	9 0.0	
4	β Cassiop.	17 2 42	58 51.6	6	23	44	8 59.0	6	23	44	8 59.0	6	23	44	8 59.0	
5	Merkab	6 10 20	56 39.9	8	23	55	57.0	8	23	55	57.0	8	23	55	57.0	
6	Alloch	4 17 17	N56 14.7	10	24	6	0 50 5.4	10	24	6	0 50 5.4	10	24	6	0 50 5.4	
7	Schedir	16 31 33	56 15.0	12	24	16	N 8 56.0	12	24	16	N 8 56.0	12	24	16	N 8 56.0	
8	Mizar	3 47 12	55 11.9	14	24	27	54.9	14	24	27	54.9	14	24	27	54.9	
9	α Persei	13 48 30	49 40.7	16	24	38	53.9	16	24	38	53.9	16	24	38	53.9	
10	Benetnasch	3 23 33	49 34.4	18	24	48	52.9	18	24	48	52.9	18	24	48	52.9	
11	Cyella	11 56 15	N45 56.9	20	24	59	51.9	20	24	59	51.9	20	24	59	51.9	
12	Deneb	20 29 24	45 5.4	22	25	10	50.9	22	25	10	50.9	22	25	10	50.9	
13	Vega	22 33 52	38 43.9	24	25	21	N 8 49.8	24	25	21	N 8 49.8	24	25	21	N 8 49.8	
14	Castor	9 37 48	32 0.4	26	25	21	50.9	26	25	21	50.9	26	25	21	50.9	
15	Alpharatz	17 3 23	28 45.1	28	25	21	50.9	28	25	21	50.9	28	25	21	50.9	
16	Pollux	9 26 57	N28 9.4	30	25	51	50.9	30	25	51	50.9	30	25	51	50.9	
17	α Cor. Bor.	1 36 33	26 53.2	32	25	51	50.9	32	25	51	50.9	32	25	51	50.9	
18	Arcturus	2 55 45	19 27.1	34	25	51	50.9	34	25	51	50.9	34	25	51	50.9	
19	Aldebaran	12 36 9	16 24.5	36	25	51	50.9	36	25	51	50.9	36	25	51	50.9	
20	Merkab	18 6 54	14 55.4	38	25	51	50.9	38	25	51	50.9	38	25	51	50.9	
21	Denebola	5 22 39	N14 51.8	40	25	51	50.9	40	25	51	50.9	40	25	51	50.9	
22	α Ophiuchi	23 36 31	12 35.6	42	25	51	50.9	42	25	51	50.9	42	25	51	50.9	
23	Rigel	7 3 28	12 13.4	44	25	51	50.9	44	25	51	50.9	44	25	51	50.9	
24	Altair	21 20 48	8 43.7	46	25	51	50.9	46	25	51	50.9	46	25	51	50.9	
25	Betelgeuse	11 16 44	7 24.0	48	25	51	50.9	48	25	51	50.9	48	25	51	50.9	
26	Bellatrix	11 46 45	N 6 18.3	50	25	51	50.9	50	25	51	50.9	50	25	51	50.9	
27	Procyon	9 32 30	N 5 21.6	52	25	51	50.9	52	25	51	50.9	52	25	51	50.9	
28	Rigel	11 57 3	S 8 15.5	54	25	51	50.9	54	25	51	50.9	54	25	51	50.9	
29	α Hydrae	7 44 3	8 26.0	56	25	51	50.9	56	25	51	50.9	56	25	51	50.9	
30	Spica	3 46 36	10 53.6	58	25	51	50.9	58	25	51	50.9	58	25	51	50.9	
31	Sirius	10 25 14	S16 38.6	60	25	51	50.9	60	25	51	50.9	60	25	51	50.9	
32	β Ceti	16 28 5	18 16.1	62	25	51	50.9	62	25	51	50.9	62	25	51	50.9	
33	Antares	0 42 49	26 19.2	64	25	51	50.9	64	25	51	50.9	64	25	51	50.9	
34	α Sagittarii	22 17 0	26 21.9	66	25	51	50.9	66	25	51	50.9	66	25	51	50.9	
35	Fomalhaut	18 14 16	29 53.9	68	25	51	50.9	68	25	51	50.9	68	25	51	50.9	
36	λ Scorpii	23 38 57	S37 4.2	70	25	51	50.9	70	25	51	50.9	70	25	51	50.9	
37	Canopus	10 46 18	52 40.0	72	25	51	50.9	72	25	51	50.9	72	25	51	50.9	
38	α Pavois	20 47 29	55 54.1	74	25	51	50.9	74	25	51	50.9	74	25	51	50.9	
39	Achernar	15 33 18	57 29.7	76	25	51	50.9	76	25	51	50.9	76	25	51	50.9	
40	β Crucis	4 24 23	59 24.7	78	25	51	50.9	78	25	51	50.9	78	25	51	50.9	
41	β Centauri	3 8 54	S60 7.7	80	25	51	50.9	80	25	51	50.9	80	25	51	50.9	
42	α Centauri	2 32 59	60 37.7	82	25	51	50.9	82	25	51	50.9	82	25	51	50.9	
43	α Crucis	4 45 22	62 49.1	84	25	51	50.9	84	25	51	50.9	84	25	51	50.9	
44	α Tri. Austral.	0 25 51	68 56.3	86	25	51	50.9	86	25	51	50.9	86	25	51	50.9	
45	β Carinae	7 56 29	S69 30.4	88	25	51	50.9	88	25	51	50.9	88	25	51	50.9	
Re 17 9 4				Re 17 9 4				Re 17 9 4				Re 17 9 4				

◎ 太陽				P 惑星				(月 月齡 2.5				比例部分				
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	
h 0	m 12	s 0	N22 54.7	♀	金星	0	0.0	h 0	m 10	s 35	N27 24.8	m 1	s 3	0.0		
2	0	49	55.1	10	23	12	5.2	1	32	47	24.5	2	5	0		
4	0	48	55.5	20	23	37	4.3	2	30	15	24.0	5	13	1		
6	0	46	55.9	30	24	3	3.4	3	27	42	23.3	7	18	2		
8	0	45	56.4	40	24	28	2.5	4	25	9	22.5	9	23	2		
10	0	44	56.8	50	24	53	1.6	5	22	37	21.4	11	28	3		
12	12	0	43	N22 57.2	1	0	0.2	(H.P. 59.6, S.D. 16 15)	13	33	3	13	33	3		
14	0	42	57.6	10	25	19	0.8	6	10	20	20.1	16	41	4		
16	0	41	58.0	20	26	10	0.5	7	17	32	18.6	17	43	4		
18	0	40	58.4	30	26	36	0.4	8	14	59	17.0	18	46	4		
20	0	39	58.8	40	27	2	0.3	9	12	27	15.1	19	48	4		
22	0	38	59.2	50	27	27	0.2	10	11	10	14.1	20	51	5		
24	12	0	37	N22 59.6	2	0	0.4	(H.P. 59.7, S.D. 16 16)	11	7	22	10.8	21	53	5	
(観半徑 S.D. 15 47)				♂ 火星				♂ 木星				♂ 土星				
No. 氷恒星				U=0hの値				U=0hの値				U=0hの値				
E ₀ d				E ₀ d				E ₀ d				E ₀ d				
1	Polaris	15 22 36	N89 1.0	0	6	23	12	0	6	23	12	0	6	23	12	
2	Kochab	2 18 9	74 22.2	2	23	23	1.1	2	23	23	1.1	2	23	23	1.1	
3	Dubhe	6 8 31	62 2.2	4	23	33	9 0.0	4	23	33	9 0.0	4	23	33	9 0.0	
4	β Cassiop.	17 2 42	58 51.6	6	23	44	8 59.0	6	23	44	8 59.0	6	23	44	8 59.0	
5	Merkab	6 10 20	56 39.9	8	23	55	57.0	8	23	55	57.0	8	23	55	57.0	
6	Alloch	4 17 17	N56 14.7	10	24	6	0 50 5.4	10	24	6	0 50 5.4	10	24	6	0 50 5.4	
7	Schedir	16 31 33	56 15.0	12	24	16	N 8 56.0	12	24	16	N 8 56.0	12	24	16	N 8 56.0	
8	Mizar	3 47 12	55 11.9	14	24	27	54.9	14	24	27	54.9	14	24	27	54.9	
9	α Persei	13 48 30	49 40.7	16	24	38	53.9	16	24	38	53.9	16	24	38	53.9	
10	Benetnasch	3 23 33	49 34.4	18	24	48	52.9	18	24	48	52.9	18	24	48	52.9	
11	Cyella	11 56 15	N45 56.9	20	24	59	51.9	20	24	59	51.9	20	24	59	51.9	
12	Deneb	20 29 24	45 5.4	22	25	10	50.9	22	25	10	50.9	22	25	10	50.9	
13	Vega	22 33 52	38 43.9	24	25	21	N 8 49.8	24	25	21	N 8 49.8	24	25	21	N 8 49.8	
14	Castor	9														

Main astronomical data table for June 11, 1934. Includes sections for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and stars (恒星). Columns include Right Ascension (h m s), Declination (° ' ") and magnitude (mag). Lists stars like Polaris, Kochab, and others with their coordinates and magnitudes.

Main astronomical data table for June 12, 1934. Includes sections for Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and stars (恒星). Columns include Right Ascension (h m s), Declination (° ' ") and magnitude (mag). Lists stars like Polaris, Kochab, and others with their coordinates and magnitudes.

◎ 太 陽				P 惑 星				比例部分				C 月 月 齡 5.5				比例部分			
U	E ₀	d	d の比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s	° ' "	h m s	° ' "	♀ 金 星	h m s	° ' "	h m s	° ' "	♂ 火 星	h m s	° ' "	h m s	° ' "	♂ 土 星	h m s	° ' "	h m s	° ' "	
0 12 0	N23 11.9	0 0 0	0.0	1 46 16	13 57.3	1 2 0.2	1 2 0.2	0 6 48	21 50.0	2 4 5	2 4 5	0 23 47	20 59.4	1 2 0.3	1 2 0.3	0 12 0	0 0 0	0 0 0	0.0
2 0 11	12.2	10	0.0	2 45 14	35.5	3 6 0.7	3 6 0.7	1 46 16	42.8	3 6 0.7	3 6 0.7	1 4 41	21.2	0 0 0.0	0 0 0.0	2 11 59	15.5	10	0.0
4 0 10	12.5	20	1	3 42 8	13.6	7 14 1.7	7 14 1.7	2 45 14	28.2	4 8 1.0	4 8 1.0	2 4 41	20.3	10 2 1	10 2 1	4 59 57	15.8	20	0
6 0 9	12.8	30	1	4 41 6	13 6.3	8 16 2.0	8 16 2.0	3 42 8	20.9	5 10 2	5 10 2	3 42 8	19.3	20 5 2	20 5 2	6 59 56	16.0	30	1
8 0 8	13.1	40	1	5 39 3	51.6	9 18 2	9 18 2	4 41 6	36.8	6 12 5	6 12 5	4 45 39	18.4	30 7 3	30 7 3	8 59 55	16.3	40	1
10 0 7	13.4	50	1	6 37 0	44.2	11 22 2.7	11 22 2.7	5 39 3	51.6	7 14 1.7	7 14 1.7	6 46 7	17.4	40 10 3	40 10 3	10 59 54	16.5	50	1
12 12 0	N23 13.6	1 0 0.2	0.2	7 33 56	14.6	18 37 4	18 37 4	6 46 7	13.6	8 16 2.0	8 16 2.0	7 33 56	14.6	18 37 4	18 37 4	12 12 0	N23 13.6	1 0 0.2	0.2
14 0 5	13.9	10	2	8 32 25	8.4	27 55 7	27 55 7	8 32 25	8.4	10 2 1	10 2 1	8 32 25	8.4	27 55 7	27 55 7	14 0 5	13.9	10	2
16 0 4	14.2	20	2	9 29 51	44.7	22 45 4	22 45 4	9 29 51	44.7	22 45 4	22 45 4	9 29 51	44.7	22 45 4	22 45 4	16 0 4	14.2	20	2
18 0 3	14.5	30	2	10 28 51	37.1	23 47 7	23 47 7	10 28 51	37.1	23 47 7	23 47 7	10 28 51	37.1	23 47 7	23 47 7	18 0 3	14.5	30	2
20 0 2	14.7	40	3	11 25 48	14.5	26 53 4	26 53 4	11 25 48	14.5	26 53 4	26 53 4	11 25 48	14.5	26 53 4	26 53 4	20 0 2	14.7	40	3
22 0 1	15.0	50	3	12 24 48	11.6	28 57 6.9	28 57 6.9	12 24 48	11.6	40 4 4	40 4 4	12 24 48	11.6	40 4 4	40 4 4	22 0 1	15.0	50	3
24 12 0	N23 15.2	2 0 0.3	0.3	13 21 46	44.2	29 59 7.2	29 59 7.2	13 21 46	44.2	50 5 5	50 5 5	13 21 46	44.2	50 5 5	50 5 5	24 12 0	N23 15.2	2 0 0.3	0.3
(観半徑 S.D. 15 47)				(H.P. 59.5, S.D. 16 12)				(H.P. 59.4, S.D. 16 10)				(H.P. 59.3, S.D. 16 9)				(H.P. 59.0, S.D. 16 5)			
No. 米 恒 星 U=0h の値				♂ 火 星				♂ 土 星				P 惑 星							
1 Polaris	15 38 18	N89 1.0	1.0	14 32 57	5.2	10 6 6	10 6 6	0 7 59	45	N16 26.5	0 0 0.0	星 名	赤 緯	光 度	地 平 視 差	視 半 徑			
2 Kochab	2 33 56	74 22.2	22.2	15 17 46	13.7	6 12 5	6 12 5	2 8 0 3	26.3	10 2 0	10 2 0	R.A.	Mag.	H.P.	S.D.				
3 Dubhe	6 24 17	62 2.2	2.2	16 16 46	10 6.0	7 14 1.8	7 14 1.8	4 0 21	26.2	20 3 0	20 3 0	♀ 金星	6 40	-3.6	0.5	27			
4 β Cassio.	17 18 28	58 51.6	51.6	17 13 46	43.0	8 16 2.1	8 16 2.1	6 0 39	26.1	30 5 0	30 5 0	♂ 火星	10 53	+1.1	0.1	3			
5 Merak	6 26 6	56 39.9	39.9	18 14 46	21.3	5 10 3	5 10 3	8 0 57	25.9	40 6 0	40 6 0	♂ 土星	17 35	-2.2	0.0	22			
6 Alioth	4 33 4	N56 14.7	14.7	19 19 46	29.0	4 8 1.0	4 8 1.0	10 1 15	25.8	0 50 8 0	0 50 8 0	♀ 金星	6 38	-3.5	0.5	27			
7 Schatir	16 47 19	56 15.0	15.0	20 19 46	36.6	3 6 0.8	3 6 0.8	12 8 1 33	N16 25.6	1 0 9 0.1	1 0 9 0.1	♂ 火星	10 55	+1.1	0.1	3			
8 Mizar	4 2 58	55 11.9	11.9	21 21 46	44.2	2 4 5	2 4 5	14 1 51	25.5	10 11 1	10 11 1	♂ 土星	9 25	+0.7	0.0	8			
9 α Persi	14 4 16	49 40.7	40.7	22 23 46	36.6	1 2 0.3	1 2 0.3	16 2 9	25.4	20 12 1	20 12 1								
10 Ruchbah	3 39 19	49 34.4	34.4	23 24 46	36.6	2 4 5	2 4 5	18 2 27	25.2	30 14 1	30 14 1								
11 Capella	12 12 1	N45 56.9	56.9	24 25 46	36.6	3 6 0.8	3 6 0.8	20 3 3	25.1	40 15 1	40 15 1								
12 Deneb	20 45 10	45 5.4	5.4	25 26 46	36.6	4 8 1.0	4 8 1.0	22 3 33	1.0	1 50 10 1.0	1 50 10 1.0								
13 Vega	22 49 38	38 43.9	43.9	26 27 46	36.6	5 10 3	5 10 3	24 3 39	1.0	2 0 11 1.1	2 0 11 1.1								
14 Castor	9 53 34	32 0.4	0.4	27 28 46	36.6	6 12 5	6 12 5	25 4 4	0.0	3 0 1 1.1	3 0 1 1.1								
15 Alpharatz	17 19 9	23 48.1	48.1	28 29 46	36.6	7 14 1.8	7 14 1.8	26 5 5	0.0	4 0 2 1.1	4 0 2 1.1								
16 Pollux	9 42 43	N28 9.4	9.4	29 30 46	36.6	8 16 2.1	8 16 2.1	27 6 6	0.0	5 0 3 1.1	5 0 3 1.1								
17 α Cor Bor.	1 52 19	26 53.2	53.2	30 31 46	36.6	9 18 3	9 18 3	28 7 7	0.0	6 0 4 1.1	6 0 4 1.1								
18 Arcturus	3 11 32	19 27.1	27.1	31 32 46	36.6	10 20 6	10 20 6	29 8 8	0.0	7 0 5 1.1	7 0 5 1.1								
19 Alderamin	12 51 55	16 24.5	24.5	32 33 46	36.6	11 22 2.8	11 22 2.8	30 9 9	0.0	8 0 6 1.1	8 0 6 1.1								
20 Merkabah	18 22 40	14 55.5	55.5	33 34 46	36.6	12 24 3.1	12 24 3.1	31 10 10	0.0	9 0 7 1.1	9 0 7 1.1								
21 Denebola	5 38 25	N14 51.8	51.8	34 35 46	36.6	13 26 3	13 26 3	32 11 11	0.0	10 0 8 1.1	10 0 8 1.1								
22 α Ophiuchi	23 52 17	12 35.7	35.7	35 36 46	36.6	14 28 3	14 28 3	33 12 12	0.0	11 0 9 1.1	11 0 9 1.1								
23 Rigel	7 19 14	12 13.4	13.4	36 37 46	36.6	15 30 3	15 30 3	34 13 13	0.0	12 0 10 1.1	12 0 10 1.1								
24 Altair	21 36 34	8 43.7	43.7	37 38 46	36.6	16 32 3	16 32 3	35 14 14	0.0	13 0 11 1.1	13 0 11 1.1								
25 Betelgeuse	11 32 30	7 24.1	24.1	38 39 46	36.6	17 34 4	17 34 4	36 15 15	0.0	14 0 12 1.1	14 0 12 1.1								
26 Bellatrix	12 2 3*	N 6 18.4	18.4	39 40 46	36.6	18 36 4	18 36 4	37 16 16	0.0	15 0 13 1.1	15 0 13 1.1								
27 Procyon	9 48 16	N 5 21.7	21.7	40 41 46	36.6	19 38 4	19 38 4	38 17 17	0.0	16 0 14 1.1	16 0 14 1.1								
28 Rigel	12 12 49	S 8 15.5	15.5	41 42 46	36.6	20 40 5	20 40 5	39 18 18	0.0	17 0 15 1.1	17 0 15 1.1								
29 α Hydrea	7 59 49	8 26.0	26.0	42 43 46	36.6	21 42 6	21 42 6	40 19 19	0.0	18 0 16 1.1	18 0 16 1.1								
30 Spica	4 2 22	10 53.6	53.6	43 44 46	36.6	22 44 6	22 44 6	41 20 20	0.0	19 0 17 1.1	19 0 17 1.1								
31 Sirius	10 42 0	S 16 38.6	38.6	44 45 46	36.6	23 46 5	23 46 5	42 21 21	0.0	20 0 18 1.1	20 0 18 1.1								
32 β Ceti	16 43 51	18 16.1	16.1	45 46 46	36.6	24 48 6	24 48 6	43 22 22	0.0	21 0 19 1.1	21 0 19 1.1								
33 Antares	0 58 36	26 19.2	19.2	46 47 46	36.6	25 50 7	25 50 7	44 23 23	0.0	22 0 20 1.1	22 0 20 1.1								
34 α Sagittarii	22 32 46	26 21.9	21.9	47 48 46	36.6	26 52 7	26 52 7	45 24 24	0.0	23 0 21 1.1	23 0 21 1.1								
35 Fomalhaut	18 30 2	29 53.9	53.9	48 49 46	36.6	27 54 6.9	27 54 6.9	46 25 25	0.0	24 0 22 1.1	24 0 22 1.1								
36 λ Scorpii	23 54 44	S 37 4.2	4.2	49 50 46	36.6	28 56 7.2	28 56 7.2	47 26 26	0.0	25 0 23 1.1	25 0 23 1.1								
37 Canopus	11 2 5	52 40.0	40.0	50 51 46	36.6	29 58 7.4	29 58 7.4	48 27 27	0.0	26 0 24 1.1	26 0 24 1.1								
38 α Pavonis	21 3 15	56 54.1	54.1	51 52 46	36.6			49 28 28	0.0	27 0 25 1.1	27 0 25 1.1								
39 Achernar	15 49 4	57 29.7	29.7	52 53 46	36.6			50 29 29	0.0	28 0 26 1.1	28 0 26 1.1								
40 β Crucis	4 40 10	59 24.7	24.7	53 54 46	36.6			51 30 30	0.0	29 0 27 1.1	29 0 27 1.1								
41 β Centauri	3 24 41	S 60 7.7	7.7	54 55 46	36.6			52 31 31	0.0	30 0 28 1.1	30 0 28 1.1								
42 α Centauri	2 48 45	60 37.7	37.7	55 56 46	36.6			53 32 32	0.0	31 0 29 1.1	31 0 29 1.1								
43 α Crucis	5 1 8	62 49.1	49.1	56 57 46	36.6			54 33 33	0.0	32 0 30 1.1	32 0 30 1.1								
44 α Tri. Aus.	0 41 38	68 56.3	56.3	57 58 46	36.6			55 34 34	0.0	33 0 31 1.1	33 0 31 1.1								
45 β Corinae	8 12 15	S 69 30.4	30.4	58 59 46	36.6			56 35 35	0.0	34 0 32 1.1	34 0 32 1.1								
	h m s	° ' "		59 60 46	36.6			57 36 36	0.0	35 0 33 1.1	35 0 33 1.1								
	R ₀	17 24 51		60 61 46	36.6			58 37 37	0.0	36 0 34 1.1	36 0 34 1.1								

◎ 太 陽				P 惑 星				比例部分				C 月 月 齡 6.5				比例部分			
U	E ₀	d	d の比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s	° ' "	h m s	° ' "	♀ 金 星	h m s	° ' "	h m s	° ' "	♂ 火 星	h m s	° ' "	h m s	° ' "	♂ 土 星	h m s	° ' "	h m s	° ' "	
0 12 0	N23 15.2	0 0 0	0.0	1 57 58	38.5	3 6 0.8	3 6 0.8	0 6 33	49	N8 0.0	0 0 0.0	0 12 0	0 0 0	0 0 0	0.0	0 5 59	56	N 7 54.3	1 2 0

◎太陽				P惑星				(月)月齢7.5			
U	E	d	dの比例部分	U	E	d	E _r d	U	E	d	E _r d
0 11 59 47	N23	18.1	0 0 0.0	♀金星				0 5 13 44	N 1 32.8	1 2 0.3	
2 59 46		18.4	10 0 0	0 10 56 23	N22	57.9	0 0 0 0.0	1 11 50	16.8	3 6 0.8	
4 59 45		18.6	20 0 1	2 56 53		56.9	10 3 1	2 9 57	1 0.8	5 10 3	
6 59 44		18.8	30 0 1	4 57 23		55.9	20 5 2	3 8 3	0 52.8	6 11 6	
8 59 43		19.0	40 1 1	6 57 53		54.9	30 8 3	4 6 10	28.9	7 13 1.9	
10 59 42		19.2	0 50 1	8 58 23		53.9	40 10 3	5 4 17	12.9	8 15 2.1	
12 11 59 41	N23	19.4	1 0 0.1	10 58 53		52.9	0 50 13 4	6 10	20.9	9 17 4	
14 59 39		19.6	10 1 1	12 10 59 23	N22	51.9	1 0 15 0.5	7 7	36.9	10 19 7	
16 59 38		19.8	20 1 2	14 10 59 54		50.9	10 18 6	8 3	44.8	11 21 2.9	
18 59 37		20.0	30 2 2	16 11 0 24		49.9	20 20 7	9 0	52.8	12 23 3.2	
20 59 36		20.2	40 2 2	18 0 54		48.9	30 23 8	10 13	40.8	13 25 5	
22 59 35		20.4	1 50 2	20 1 25		47.9	40 25 8	11 27 3.7	36.9	14 27 5.7	
24 11 59 34	N23	20.6	2 0 0.2	22 1 55		46.9	1 50 28 0.9	12 25 5	28.9	15 29 4.0	
(視半徑 S.D. 15 46)											
U=0hの値				♂火星				(H.P. 58.7, S.D. 15 59)			
No. 氷恒星	E	d		0 6 35 55	N 7 47.3	0 0 0 0.0	6 5 2 23	S 0 3.1	16 30 3		
1 Polaris	15 46 8	N89	1.0	2 36 6		46.3	10 1 1	11.1	17 32 5		
2 Kochab	2 41 49	74	22.2	4 35 16		45.2	20 2 2	19.0	18 34 4.8		
3 Dabih	6 32 10	62	2.2	6 36 26		44.1	30 3 3	4 59 34	27.0	19 36 5.1	
4 β Cassio.	17 26 21	58	51.6	8 36 37		43.1	40 3 4	8 58 37	35.0	20 38 3	
5 Merak	6 34 0	56	39.9	10 36 47		42.0	0 50 4 5	9 57 41	42.9	21 40 6	
6 Alhath	4 40 57	N55	14.7	12 6 36 58	N 7 41.0	1 0 5 0.6	10 56 44	0 58.9	22 42 5.9		
7 Schatir	16 55 12	56	15.0	14 37 8		39.9	10 6 6	10 54 51	1 6.8	23 44 6.1	
8 Mizar	4 10 51	55	11.9	16 37 19		38.8	20 7 7	10 54 51	1 6.8	24 46 4	
9 α Perai	14 12 9	49	40.7	18 37 29		37.8	30 8 8	11 52 58	22.7	26 49 6.9	
10 Betelgeuse	3 47 12	49	34.4	20 37 39		36.7	40 8 0.9	12 52 2	30.7	27 51 7.2	
11 Capella	12 19 54	N45	56.9	22 37 50		35.6	1 50 9 1.0	13 49 13	1 54.5	28 53 5	
12 Deneb	20 53 3	45	5.4	24 6 38 0	N 7 34.6	2 0 10 1.1	14 47 20	10 3.8	29 55 7.7		
13 Vega	22 57 31	38	43.9	12 6 36 58	N 7 41.0	1 0 5 0.6	14 48 16	2 2.4			
14 Castor	10 1 27	32	0.4	14 37 8		39.9	10 6 6	13 49 13	1 54.5		
15 Alpheratz	17 27 2	28	48.1	16 37 19		38.8	20 7 7	14 48 16	2 2.4		
16 Poluz	9 50 36	N28	9.4	18 37 29		37.8	30 8 8	14 47 20	10.3		
17 α Cor Bor.	2 0 13	26	53.3	20 37 39		36.7	40 8 0.9	15 46 23	18.3		
18 Arcturus	3 19 25	19	27.1	22 37 50		35.6	1 50 9 1.0	16 43 34	42.0		
19 Aldebaran	12 59 48	16	24.5	24 6 38 0	N 7 34.6	2 0 10 1.1	17 41 42	2 57.8	40 45		
20 Markab	18 30 33	14	55.5	12 6 36 58	N 7 41.0	1 0 5 0.6	17 42 38	49.9			
21 Denebola	5 46 18	N14	51.8	14 37 8		39.9	10 6 6	18 42 38	49.9		
22 α Ophiuchi	0 0 11	12	35.7	16 37 19		38.8	20 7 7	19 41 42	2 57.8		
23 Regulus	7 27 7	12	13.4	18 37 29		37.8	30 8 8	20 37 50	35.6		
24 Altair	21 44 27	8	43.7	20 37 39		36.7	40 8 0.9	22 37 50	35.6		
25 Betelgeuse	11 40 23	7	24.1	22 37 50		35.6	1 50 9 1.0	24 6 38 0	N 7 34.6		
26 Bellatrix	12 10 24	N 6	18.4	24 6 38 0	N 7 34.6	2 0 10 1.1	15 46 23	18.3			
27 Procyon	9 56 9	N 5	21.7	12 6 36 58	N 7 41.0	1 0 5 0.6	16 43 34	42.0			
28 Rigel	12 20 42	S 8	15.5	14 37 8		39.9	10 6 6	17 41 42	2 57.8		
29 α Hydras	8 7 42	8	26.0	16 37 19		38.8	20 7 7	18 37 29			
30 Spica	4 10 15	10	53.6	18 37 29		37.8	30 8 8	19 41 42	2 57.8		
31 Sirius	10 49 53	S16	38.6	20 37 39		36.7	40 8 0.9	20 37 50	35.6		
32 β Ceti	16 51 45	18	16.1	22 37 50		35.6	1 50 9 1.0	22 37 50	35.6		
33 Antares	1 6 29	26	19.2	24 6 38 0	N 7 34.6	2 0 10 1.1	15 46 23	18.3			
34 α Sagitarii	22 40 39	26	21.9	12 6 36 58	N 7 41.0	1 0 5 0.6	16 43 34	42.0			
35 Fomalhaut	18 37 56	29	53.9	14 37 8		39.9	10 6 6	17 41 42	2 57.8		
36 λ Scorpii	0 2 37	S37	4.2	16 37 19		38.8	20 7 7	18 37 29			
37 Canopus	11 9 58	52	40.0	18 37 29		37.8	30 8 8	19 41 42	2 57.8		
38 α P. vovis	21 11 8	56	54.1	20 37 39		36.7	40 8 0.9	20 37 50	35.6		
39 Achernar	15 56 57	57	29.7	22 37 50		35.6	1 50 9 1.0	22 37 50	35.6		
40 β Crucis	4 48 3	59	21.7	24 6 38 0	N 7 34.6	2 0 10 1.1	15 46 23	18.3			
41 β Centauri	3 32 34	S60	7.8	12 6 36 58	N 7 41.0	1 0 5 0.6	16 43 34	42.0			
42 α Centauri	2 56 39	60	37.7	14 37 8		39.9	10 6 6	15 46 23	18.3		
43 α Crucis	5 9 1	62	49.1	16 37 19		38.8	20 7 7	16 43 34	42.0		
44 α Tri. Aust.	0 49 31	68	56.3	18 37 29		37.8	30 8 8	17 41 42	2 57.8		
45 β Carinae	8 20 8	S69	30.4	20 37 39		36.7	40 8 0.9	18 37 29			
R ₀ 17 32 44											
♂木星				♂土星				P惑星			
0 23 58 20	S22	52.4	0 0 0 0.0	0 8 6 56	N16	23.1	0 0 0 0.0	星名	赤經	光度	地平視差
2 53 42		52.4	10 2 0	2 7 14		22.9	10 2 0	♀金星	6 36	-3.5	0.5
4 53 5		52.4	20 2 0	4 7 32		22.8	20 2 0	♂火星	10 57	+1.2	0.1
6 52 7		52.3	30 6 0	6 7 50		22.7	30 5 0	♂木星	17 34	-2.2	0.0
8 52 3		52.3	40 8 0	8 8 8		22.5	40 6 0	♂土星	9 26	+0.7	0.0
10 52 3		52.3	0 50 10 0	10 8 26		22.4	0 50 8 0				
12 0 0 35	S22	52.3	1 0 12 0.1								
14 0 57		52.3	10 13 1								
16 1 20		52.2	20 15 1								
18 1 42		52.2	30 17 1								
20 2 5		52.2	40 19 1								
22 2 27		52.2	1 50 21 1								
24 0 2 50	S22	52.2	2 0 23 0.1								
(H.P. 58.5, S.D. 15 56)											
♂金星				♂火星				♂木星			
18 4 39 49	S 3	13.5	15 28 3.9	18 4 39 49	S 3	13.5	15 28 3.9	18 4 39 49	S 3	13.5	15 28 3.9
19 37 56		29.3	17 32 5	19 37 56		29.3	17 32 5	19 37 56		29.3	17 32 5
20 36 4		45.0	19 35 5.0	20 36 4		45.0	19 35 5.0	20 36 4		45.0	19 35 5.0
21 34 11		4 0.6	21 39 5	21 34 11		4 0.6	21 39 5	21 34 11		4 0.6	21 39 5
22 32 18		16.3	23 43 6.1	22 32 18		16.3	23 43 6.1	22 32 18		16.3	23 43 6.1
23 31 22		24.1	24 45 3	23 31 22		24.1	24 45 3	23 31 22		24.1	24 45 3
24 4 28 33	S 4	47.5	27 50 7.1	24 4 28 33	S 4	47.5	27 50 7.1	24 4 28 33	S 4	47.5	27 50 7.1
(H.P. 58.3, S.D. 15 54)											

◎太陽				P惑星				(月)月齢8.5			
U	E	d	dの比例部分	U	E	d	E _r d	U	E	d	E _r d
0 11 59 34	N23	20.6	0 0 0.0	♀金星				0 5 13 44	N 1 32.8	1 2 0.3	
2 59 33		20.8	10 0 0	0 10 56 23	N22	57.9	0 0 0 0.0	1 11 50	16.8	3 6 0.8	
4 59 32		21.0	20 0 0	2 56 53		56.9	10 3 1	2 9 57	1 0.8	5 10 3	
6 59 31		21.2	30 0 1	4 57 23		55.9	20 5 2	3 8 3	0 52.8	6 11 6	
8 59 30		21.3	40 1 1	6 57 53		54.9	30 8 3	4 6 10	28.9	7 13 1.9	
10 59 29		21.5	0 50 1	8 58 23		53.9	40 10 3	5 4 17	12.9	8 15 2.1	
12 11 59 28	N23	21.7	1 0 0.1	10 58 53		52.9	0 50 13 4	6 10	20.9	9 17 4	
14 59 27		21.9	10 1 1	12 10 59 23	N22	51.9	1 0 15 0.5	7 7	36.9	10 19 7	
16 59 26		22.0	20 1 1	14 10 59 54		50.9	10 18 6	8 3	44.8	11 21 2.9	
18 59 25		22.2	30 2 2	16 11 0 24		49.9	20 20 7	9 0	52.8	12 23 3.2	
20 59 23		22.4	40 2 2	18 0 54		48.9	30 23 8	10 13	40.8	13 25 5	
22 59 22		22.5	1 50 2	20 1 25		47.9	40 25 8	11 27 3			

Table for June 17th showing Sun (太陽), Venus (金星), and Jupiter (木星) positions with columns for Right Ascension (h m s), Declination (d), and magnitude (m).

Table for June 17th showing Mars (火星) and Saturn (土星) positions with columns for Right Ascension (h m s), Declination (d), and magnitude (m).

Table for June 17th showing Uranus (天王星) and Neptune (海王星) positions with columns for Right Ascension (h m s), Declination (d), and magnitude (m).

Table for June 17th showing planetary positions with columns for Name (星名), Right Ascension (赤経), Magnitude (光度), and other parameters.

Re 17 40 37

Table for June 18th showing Sun (太陽), Venus (金星), and Jupiter (木星) positions with columns for Right Ascension (h m s), Declination (d), and magnitude (m).

Table for June 18th showing Mars (火星) and Saturn (土星) positions with columns for Right Ascension (h m s), Declination (d), and magnitude (m).

Table for June 18th showing Uranus (天王星) and Neptune (海王星) positions with columns for Right Ascension (h m s), Declination (d), and magnitude (m).

Table for June 18th showing planetary positions with columns for Name (星名), Right Ascension (赤経), Magnitude (光度), and other parameters.

Re 17 44 33

☉ 太陽				♃ 火星				♄ 木星				♅ 金星				♁ 地球								
U	E	d	dの比例部分	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d	U	E	d	E _p d					
h h m s	° ' "	h m s	° ' "	h h m s	° ' "	h m s	° ' "	h h m s	° ' "	h m s	° ' "	h h m s	° ' "	h m s	° ' "	h h m s	° ' "	h m s	° ' "					
0 11 58 30	N23 26.8	0 0	0.0	0 11 34 19	N21 43.4	0 0	0.0	0 0 25 18	S22 51.0	0 0	0.0	0 0 26 30	S26 34.1	1 2	0.0	0 23 34 12	S27 23.1	1 2	0.0					
2 58 29	26.8	10	0	2 34 51	42.4	10	3	2 25 41	51.0	10	2	2 24 20	37.9	3	6	2 58 16	26.8	10	0					
4 58 27	26.8	20	0	4 35 24	41.3	20	6	4 26 3	51.0	20	4	2 23 14	39.7	4	9	4 58 15	26.8	20	0					
6 58 26	26.8	30	0	6 35 57	40.2	30	8	6 26 25	51.0	30	6	2 22 9	41.5	5	11	6 58 14	26.7	30	0					
8 58 25	26.9	40	0	8 36 30	39.2	40	11	8 26 48	51.0	40	8	2 21 4	43.2	6	13	8 58 12	26.7	40	0					
10 58 24	26.9	50	0	10 37 3	38.1	50	14	10 27 10	50.9	50	9	2 19 58	44.9	7	15	10 58 11	26.7	50	0					
12 11 58 23	N23 26.9	1 0	0.1	12 11 37 36	N21 37.0	1 0	0.6	12 0 27 33	S22 50.9	1 0	0.1	2 18 53	46.6	8	17	12 11 58 10	N23 26.7	1 0	0.1					
14 58 22	26.9	10	1	14 38 9	36.0	10	19	14 27 55	50.9	10	13	2 17 47	48.2	9	19	14 58 9	26.6	10	1					
16 58 21	26.9	20	1	16 38 42	34.9	20	22	16 28 18	50.9	20	15	2 16 42	49.8	10	22	16 58 8	26.6	20	1					
18 58 20	26.8	30	1	18 39 15	33.8	30	25	18 28 40	50.9	30	17	2 15 37	51.4	11	24	18 58 7	26.5	30	1					
20 58 19	26.8	40	1	20 39 48	32.8	40	28	20 29 3	50.8	40	18	2 14 31	52.9	12	26	20 58 6	26.5	40	1					
22 58 18	26.8	50	1	22 40 21	31.7	50	30	22 29 25	50.8	50	20	2 13 28	54.4	13	28	22 58 5	26.5	50	1					
24 11 58 17	N23 26.8	2 0	0.1	24 11 40 54	N21 30.6	2 0	0.3	24 29 47	S22 50.8	2 0	0.2	2 12 26	55.7	14	30	24 11 58 4	N23 26.4	2 0	0.1					
(H.P. 55.7, S.D. 15 11)				(H.P. 55.5, S.D. 15 9)				(H.P. 55.5, S.D. 15 8)				(H.P. 55.4, S.D. 15 6)				(H.P. 55.3, S.D. 15 4)								
No. 米恒星 E _z d				♂ 火星				♂ 木星				♂ 金星				♁ 地球								
U=0hの値				♂ 火星				♂ 木星				♂ 金星				♁ 地球								
1 Polaris	h m s	° ' "		12 6 49 20	N 6	23.0	1 0 5 0.6	12 0 27 33	S22	50.9	1 0 11 0.1	12 23 47 15	S27	18.9	15 32 2	12 8 30 8	N16	11.5	1 0 9 0.1	12 8 33 42	N16	9.6	1 0 9 0.1	
2 Kochab	16 9 41	N89	1.0	14 49 30	21.9	10 6 6	14 27 55	50.9	10 13 1	14 42 54	20.9	19 41 3	14 30 26	12.3	10 2 0	14 30 26	12.3	10 2 0	14 33 59	9.5	10 11 1	14 33 59	9.5	10 11 1
3 Dabih	3 5 29	74	22.2	16 49 40	20.8	20 2 2	16 28 18	50.9	20 15 1	16 41 49	21.3	20 43 3	16 28 37	12.1	20 3 0	16 30 44	11.2	20 12 1	16 34 17	9.3	20 12 1	16 34 17	9.3	20 12 1
4 β Cassiop.	6 55 50	62	2.2	18 49 50	19.7	30 8 8	18 28 40	50.9	30 17 1	18 29 3	50.8	40 18 1	18 29 15	12.0	30 5 1	18 31 2	11.0	30 14 2	18 34 35	9.2	30 14 2	18 34 35	9.2	30 14 2
5 Merak	17 50 0	58	51.6	20 50 0	18.6	40 8 0.9	20 29 3	50.8	40 18 1	20 29 33	11.8	40 6 1	20 31 19	10.9	40 15 2	20 34 53	9.0	40 15 2	20 34 53	9.0	40 15 2			
6 Alioth	6 57 39	56	39.9	22 50 11	17.5	1 50 9 1.0	22 29 25	50.8	1 50 20 1	22 29 25	50.8	1 50 20 1	22 31 37	10.7	1 50 17 2	22 35 10	8.8	1 50 17 2	22 35 10	8.8	1 50 17 2			
7 Schatir	5 4 36	N56	14.7	24 6 50 21	N 6	16.4	2 0 10 1.1	24 29 47	S22	50.8	2 0 22 0.1	24 31 55	10.6	0 0 0.0	24 35 10	9.0	0 0 0.0	24 35 10	9.0	0 0 0.0				
8 Mizar	17 18 51	56	15.0	0 0 25 18	S22	51.0	0 0 0 0.0	0 8 28 22	N16	12.4	0 0 0 0.0	0 8 31 55	N16	10.6	0 0 0.0	0 8 31 55	N16	10.6	0 0 0.0					
9 α Perse	4 34 31	55	11.9	2 25 41	51.0	10 2 0	2 25 41	51.0	10 2 0	2 25 41	51.0	10 2 0	2 32 13	10.4	10 2 0	2 32 13	10.4	10 2 0						
10 Benetnasch	14 35 48	49	40.6	4 26 3	51.0	20 4 0	4 26 3	51.0	20 4 0	4 26 3	51.0	20 4 0	4 32 31	10.3	20 3 0	4 32 31	10.3	20 3 0						
11 Capella	4 10 52	49	34.4	6 26 25	51.0	30 6 0	6 26 25	51.0	30 6 0	6 30 55	50.7	30 6 0	6 32 48	10.1	30 5 1	6 32 48	10.1	30 5 1						
12 Deneb	12 43 33	N45	56.9	8 26 48	51.0	40 7 0	8 26 48	51.0	40 7 0	8 31 17	50.7	40 8 0	8 33 6	9.9	40 6 1	8 33 6	9.9	40 6 1						
13 Vega	23 21 10	38	43.9	10 27 10	50.9	0 50 9 0	10 27 10	50.9	0 50 9 0	10 31 40	50.7	0 50 10 0	10 33 24	9.8	0 50 8 1	10 33 24	9.8	0 50 8 1						
14 Castor	10 25 6	32	0.4	12 0 27 33	S22	50.9	1 0 11 0.1	12 0 27 33	S22	50.9	1 0 11 0.1	12 0 32 2	S22	50.7	1 0 12 0.1	12 0 32 2	S22	50.7	1 0 12 0.1					
15 Alpheratz	17 50 41	28	48.1	14 27 55	50.9	10 13 1	14 27 55	50.9	10 13 1	14 32 25	50.7	10 13 1	14 32 25	50.7	10 13 1	14 32 25	50.7	10 13 1						
16 Polux	10 14 15	N28	9.3	16 28 18	50.9	20 15 1	16 28 18	50.9	20 15 1	16 32 47	50.6	20 15 1	16 32 47	50.6	20 15 1	16 32 47	50.6	20 15 1						
17 α Cor Bor.	2 23 52	26	53.3	18 28 40	50.9	30 17 1	18 28 40	50.9	30 17 1	18 33 9	50.6	30 17 1	18 33 9	50.6	30 17 1	18 33 9	50.6	30 17 1						
18 Arcturus	3 43 4	19	27.1	20 29 3	50.8	40 18 1	20 29 3	50.8	40 18 1	20 33 32	50.6	40 19 1	20 33 32	50.6	40 19 1	20 33 32	50.6	40 19 1						
19 Aldebaran	13 23 28	16	24.5	22 29 25	50.8	1 50 20 1	22 29 25	50.8	1 50 20 1	22 33 54	50.6	1 50 21 1	22 33 54	50.6	1 50 21 1	22 33 54	50.6	1 50 21 1						
20 Morkab	18 54 12	14	55.5	24 0 29 47	S22	50.8	2 0 22 0.1	24 0 29 47	S22	50.8	2 0 22 0.1	24 0 34 17	S22	50.6	2 0 23 0.1	24 0 34 17	S22	50.6	2 0 23 0.1					
21 Denebo'a	6 9 58	N14	51.8	0 8 28 22	N16	12.4	0 0 0 0.0	0 8 28 22	N16	12.4	0 0 0 0.0	0 8 31 55	N16	10.6	0 0 0.0	0 8 31 55	N16	10.6	0 0 0.0					
22 α Ophiuchi	0 23 50	12	35.7	2 28 39	12.3	10 2 0	2 28 39	12.3	10 2 0	2 32 13	10.4	10 2 0	2 32 13	10.4	10 2 0	2 32 13	10.4	10 2 0						
23 Regulus	7 53 47	12	13.4	4 28 57	12.1	20 3 0	4 28 57	12.1	20 3 0	4 32 31	10.3	20 3 0	4 32 31	10.3	20 3 0	4 32 31	10.3	20 3 0						
24 Altair	22 8 6	8	43.7	6 29 15	12.0	30 5 1	6 29 15	12.0	30 5 1	6 32 48	10.1	30 5 1	6 32 48	10.1	30 5 1	6 32 48	10.1	30 5 1						
25 Betelgeuse	12 4 2	7	24.1	8 29 33	11.8	40 6 1	8 29 33	11.8	40 6 1	8 33 6	9.9	40 6 1	8 33 6	9.9	40 6 1	8 33 6	9.9	40 6 1						
26 Bellatrix	12 34 3	N 6	18.4	10 29 51	11.6	0 50 8 1	10 29 51	11.6	0 50 8 1	10 33 24	9.8	0 50 8 1	10 33 24	9.8	0 50 8 1	10 33 24	9.8	0 50 8 1						
27 Procyon	10 19 49	N 5	21.7	12 8 30 8	N16	11.5	1 0 9 0.1	12 8 30 8	N16	11.5	1 0 9 0.1	12 8 33 42	N16	9.6	1 0 9 0.1	12 8 33 42	N16	9.6	1 0 9 0.1					
28 Rigel	12 44 21	S 8	15.5	14 30 26	11.3	10 11 1	14 30 26	11.3	10 11 1	14 33 59	9.5	10 11 1	14 33 59	9.5	10 11 1	14 33 59	9.5	10 11 1						
29 α Hydraz	8 31 21	8	26.0	16 30 44	11.2	20 12 1	16 30 44	11.2	20 12 1	16 34 17	9.3	20 12 1	16 34 17	9.3	20 12 1	16 34 17	9.3	20 12 1						
30 Spica	4 33 55	10	53.6	18 31 2	11.0	30 14 2	18 31 2	11.0	30 14 2	18 34 35	9.2	30 14 2	18 34 35	9.2	30 14 2	18 34 35	9.2	30 14 2						
31 Sirius	11 13 32	S16	38.6	20 31 19	10.9	40 15 2	20 31 19	10.9	40 15 2	20 34 53	9.0	40 15 2	20 34 53	9.0	40 15 2	20 34 53	9.0	40 15 2						
32 β Ceti	17 15 24	18	16.1	22 31 37	10.7	1 50 17 2	22 31 37	10.7	1 50 17 2	22 35 10	8.8	1 50 17 2	22 35 10	8.8	1 50 17 2	22 35 10	8.8	1 50 17 2						
33 Antares	1 30 8	26	19.2	24 8 31 55	N16	10.6	2 0 18 0.2	24 8 31 55	N16	10.6	2 0 18 0.2	24 8 35 28	N16	8.7	2 0 18 0.2	24 8 35 28	N16	8.7	2 0 18 0.2					
34 α Sagittarii	23 4 18	26	21.9	0 0 26 30	S26	34.1	1 2 0 0	0 0 26 30	S26	34.1	1 2 0 0	0 0 26 30	S26	34.1	1 2 0 0	0 0 26 30	S26	34.1	1 2 0 0					
35 Fomalhaut	19 1 35	29	53.9	1 24 20	10.3	20 7 7	1 24 20	10.3	20 7 7	1 24 20	10.3	20 7 7	1 24 20	10.3	20 7 7	1 24 20	10.3	20 7 7						
36 λ Scorpii	0 26 16	S37	4.2	3 9 25	74	22.2	3 9 25	74	22.2	3 9 25	74	22.2	3 9 25	74	22.2	3 9 25	74	22.2						
37 Canopus	11 33 37	52	39.9	6 59 47	62	2.2	6 59 47	62	2.2	6 59 47	62	2.2	6 59 47	62	2.2	6 59 47	62	2.2						
38 α Perseus	21 34 47	56	54.1	17 53 56	58	51.6	17 53 56	58	51.6	17 53 56	58	51.6	17 53 56	58	51.6	17 53 56	58	51.6						
39 Achernar	16 20 36	57	29.7	7 1 36	56	39.9	7 1 36	56	39.9	7 1 36	56	39.9	7 1 36	56	39.9	7 1 36	56	39.9						
40 β Crucis	5 11 42	59	24.7	5 8 33	N56	14.7	5 8 33	N56	14.7	5 8 33	N56	14.7	5 8 33	N56	14.7	5 8 33	N56	14.7						
41 β Centauri	3 56 13	S60	7.8	7 18 51	56	15.0	7 18 51	56	15.0															

Table for June 23rd showing astronomical data for the Sun (太陽), Venus (金星), and Mars (火星). Includes columns for Right Ascension (α), Declination (δ), and magnitude (m).

Table for Venus (金星) showing its position and magnitude (m) at various times on June 23rd.

Table for Mars (火星) showing its position and magnitude (m) at various times on June 23rd.

Table for Jupiter (木星) showing its position and magnitude (m) at various times on June 23rd.

Table for Saturn (土星) showing its position and magnitude (m) at various times on June 23rd.

Table for the Planets (惑星) listing names, Right Ascension (R.A.), Magnitude (Mag.), and other parameters.

Table for the Planets (惑星) listing names, Right Ascension (R.A.), Magnitude (Mag.), and other parameters.

Table for June 24th showing astronomical data for the Sun (太陽), Venus (金星), and Mars (火星). Includes columns for Right Ascension (α), Declination (δ), and magnitude (m).

Table for Venus (金星) showing its position and magnitude (m) at various times on June 24th.

Table for Mars (火星) showing its position and magnitude (m) at various times on June 24th.

Table for Jupiter (木星) showing its position and magnitude (m) at various times on June 24th.

Table for Saturn (土星) showing its position and magnitude (m) at various times on June 24th.

Table for the Planets (惑星) listing names, Right Ascension (R.A.), Magnitude (Mag.), and other parameters.

Table for the Planets (惑星) listing names, Right Ascension (R.A.), Magnitude (Mag.), and other parameters.

Table containing astronomical data for June 25th, including star positions, magnitudes, and celestial coordinates. It is divided into sections for the Sun, Venus, Mars, Jupiter, Saturn, and various constellations like Ursa Major and Ursa Minor.

Table containing astronomical data for June 26th, including star positions, magnitudes, and celestial coordinates. It is divided into sections for the Sun, Venus, Mars, Jupiter, Saturn, and various constellations like Ursa Major and Ursa Minor.

◎ 太陽				P 惑星				比例部分				月 月齡19.5				比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s N23 20.6 0 0 0.0 0 11 57 13 20.4 10 0 2 57 12 20.3 20 0 4 57 11 20.1 30 1 6 57 10 19.9 40 1 8 57 9 19.7 0 50 1 10 57 8 19.5 1 0 0.1 12 11 57 7 N23 19.5 1 0 0.1 14 57 6 19.2 10 1 16 57 5 19.0 20 1 18 57 4 18.8 30 2 20 57 3 18.6 40 2 22 57 2 18.4 1 50 2 24 11 57 1 N23 18.2 2 0 0.2 (観半徑 S.D. 15' 46")				♀ 金星 h m s N20 27.2 0 0 0.0 0 12 14 4 26.2 10 3 1 2 14 37 25.1 20 6 2 4 15 10 24.1 30 8 3 6 15 42 23.1 40 11 3 8 16 15 22.1 0 50 14 4 10 16 48 21.1 1 0 17 0.5 12 12 17 21 N20 21.1 1 0 17 0.5 14 17 54 20.0 10 19 6 16 18 26 19.0 20 22 7 18 18 59 18.0 30 25 8 20 19 32 17.0 40 28 8 22 20 4 16.0 1 50 31 0.9 24 12 20 37 N20 15.0 2 0 33 1.0 (H.P. 54.2, S.D. 14' 46")				♂ 火星 h m s N5 9.2 0 0 0.0 0 7 0 24 8.1 10 1 1 2 0 34 7.0 20 2 2 4 0 44 6.1 30 3 3 6 0 54 5.8 40 3 4 8 1 4 4.7 0 50 4 5 10 1 14 3.6 0 50 4 5 12 7 1 24 N5 2.4 1 0 5 0.6 14 1 34 1.3 10 6 6 16 1 44 0.2 21 7 7 18 1 54 4 59.0 30 8 8 20 2 4 57.9 40 8 0.9 22 2 14 56.7 1 50 9 1.0 24 7 2 24 N 4 55.6 2 0 10 1.1 (H.P. 54.2, S.D. 14' 46")				♀ 木星 h m s N28 9.3 0 0 0.0 0 0 52 12 S22 49.6 0 0 0.0 2 52 34 49.5 10 2 0 4 52 6 49.5 20 4 0 6 53 19 49.5 30 6 0 8 53 41 49.5 40 7 0 10 54 3 49.4 0 50 9 0 12 0 54 26 S22 49.4 1 0 11 0.1 14 54 48 49.4 10 13 1 16 55 10 49.4 21 15 1 18 55 33 49.4 30 17 1 20 55 55 49.3 40 18 1 22 56 18 49.3 1 50 21 1 24 0 56 40 S22 49.3 2 0 22 0.1 (H.P. 54.2, S.D. 14' 47")				♀ 土星 h m s N16 1.0 0 0 0.0 0 8 49 39 0.8 10 2 0 2 49 56 0.7 20 3 0 4 50 14 0.5 30 5 1 6 50 32 0.4 40 6 1 8 50 49 0.2 0 50 8 1 10 51 7 0.0 1 0 9 0.1 12 8 51 25 N16 0.0 1 0 9 0.1 14 51 42 15 59.9 10 11 1 16 52 0 59.7 20 12 1 18 52 18 59.5 30 14 2 20 52 35 59.4 40 15 2 22 52 53 59.2 1 50 17 2 24 8 53 11 N15 59.0 2 0 18 0.2 (H.P. 54.3, S.D. 14' 47")			

◎ 太陽				P 惑星				比例部分				月 月齡20.5				比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s N23 18.2 0 0 0.0 0 11 57 1 N23 18.2 0 0 0.0 2 57 0 17.9 10 0 4 56 59 17.7 20 0 6 56 58 17.5 30 1 8 56 57 17.3 40 1 10 56 56 17.0 0 50 1 12 11 56 55 N23 16.8 1 0 0.1 14 56 54 16.5 10 0.1 16 56 53 16.3 20 1 18 56 52 16.1 30 2 20 56 51 15.8 40 2 22 56 50 15.6 1 50 2 24 11 56 49 N23 15.3 2 0 0.2 (観半徑 S.D. 15' 46")				♀ 金星 h m s N20 15.0 0 0 0.0 0 12 20 37 14.0 10 3 1 2 21 9 13.0 20 5 2 4 21 42 12.0 30 8 3 6 22 14 11.0 40 11 3 8 22 47 10.0 0 50 13 4 10 23 19 9.0 1 0 16 0.5 12 12 23 52 N20 9.0 1 0 16 0.5 14 24 24 8.0 10 19 6 16 21 57 7.0 20 21 7 18 25 29 6.0 30 24 8 20 26 1 5.0 40 27 8 22 26 33 4.0 1 50 29 0.9 24 12 27 6 N20 3.0 2 0 32 1.0 (H.P. 54.3, S.D. 14' 48")				♂ 火星 h m s N4 55.6 0 0 0.0 0 7 2 24 N4 55.6 0 0 0.0 2 2 34 54.5 10 1 1 4 2 43 53.3 20 2 2 6 2 53 52.2 30 3 3 8 3 3 51.0 40 3 4 10 3 13 49.9 0 50 4 5 12 7 3 23 N 4 48.8 1 0 5 0.6 14 3 33 47.6 10 6 6 16 3 43 46.5 20 7 7 18 3 53 45.3 30 8 8 20 4 3 44.2 40 8 0.9 22 4 13 43.0 1 50 9 1.0 24 7 4 22 N 4 41.9 2 0 10 1.1 (H.P. 54.4, S.D. 14' 49")				♀ 木星 h m s N28 9.3 0 0 0.0 0 0 56 40 S22 49.3 0 0 0.0 2 57 2 49.3 10 2 0 4 57 24 49.3 20 4 0 6 57 47 49.2 30 6 0 8 58 9 49.2 40 7 0 10 58 31 49.2 0 50 9 0 12 0 58 54 S22 49.2 1 0 11 0.1 14 59 16 49.1 10 13 1 16 0 59 38 49.1 20 15 1 18 1 0 1 49.1 30 17 1 20 0 23 49.1 40 18 1 22 0 45 49.1 1 50 20 1 24 1 1 8 S22 49.0 2 0 22 0.1 (H.P. 54.5, S.D. 14' 51")				♀ 土星 h m s N15 59.0 0 0 0.0 0 8 53 11 0.8 10 2 0 2 53 29 0.7 20 3 0 4 53 46 0.5 30 5 1 6 54 4 0.4 40 6 1 8 54 21 0.2 0 50 8 1 10 54 39 0.0 1 0 9 0.1 12 8 54 57 N15 58.0 1 0 9 0.1 14 55 14 57.9 10 11 1 16 55 32 57.7 20 12 1 18 55 50 57.5 30 14 2 20 56 7 57.4 40 15 2 22 56 25 57.2 1 50 17 2 24 8 56 43 N15 57.0 2 0 18 0.2 (H.P. 54.6, S.D. 14' 52")			

Main astronomical table for June 29, 1934, listing stars like Polaris, Kochab, and others with columns for Right Ascension, Declination, and magnitude.

Main astronomical table for June 30, 1934, listing stars like Polaris, Kochab, and others with columns for Right Ascension, Declination, and magnitude.

Main astronomical data table for July 1st, 1934. Includes sections for Sun, Venus, Mars, Jupiter, and Saturn with detailed positional and magnitude data.

Main astronomical data table for July 2nd, 1934. Includes sections for Sun, Venus, Mars, Jupiter, and Saturn with detailed positional and magnitude data.

Table titled 'E_k の比例部分' (Proportional parts of E_k) showing values for different magnitudes (m 0 to 6) and time intervals (U, h, m, s).

Table titled 'P 惑星' (Planets) listing names and their corresponding R.A., Mag., H.P., and S.D. values.

Table titled 'P 惑星' (Planets) listing names and their corresponding R.A., Mag., H.P., and S.D. values.

Table with columns for U, E, d, and d's proportion. Includes a grid for U values from 0 to 23 and m values from 0 to 60.

Main astronomical data table for July 3. Columns include Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Moon (月). Includes star lists with names like Polaris, Kochab, Deneb, Vega, and Altair.

Main astronomical data table for July 4. Columns include Sun (太陽), Venus (金星), Mars (火星), Jupiter (木星), Saturn (土星), and Moon (月). Includes star lists with names like Polaris, Kochab, Deneb, Vega, and Altair.

☉ 太陽				♃ 木星				♄ 土星				♁ 金星				♀ 火星			
U	E ₀	d	dの比例部分	U	E _p	d	E _p d	U	E _k	d	E _k d	U	E _k	d	E _k d	U	E _k	d	E _k d
h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /
0 11 55 40	N22 49.5	0 0	0.0	0 13 3 50	N18 59.6	0 0	0.0	0 13 47 29	N25 45.6	1 2	0.1	0 13 47 29	N25 45.6	1 2	0.1	0 13 47 29	N25 45.6	1 2	0.1
2 55 39	49.1	10	0	4 4 19	58.9	10	2	4 46 17	48.5	2	5	4 46 17	48.5	2	5	4 46 17	48.5	2	5
4 55 38	48.6	20	1	6 4 48	58.1	20	5	6 45 4	51.4	3	7	6 45 4	51.4	3	7	6 45 4	51.4	3	7
6 55 37	48.1	30	1	8 4 19	57.4	30	7	8 43 51	54.3	4	10	8 43 51	54.3	4	10	8 43 51	54.3	4	10
8 55 36	47.7	40	2	10 4 16	56.6	40	9	10 42 38	57.1	5	12	10 42 38	57.1	5	12	10 42 38	57.1	5	12
10 55 35	47.2	50	2	12 4 16	55.9	50	12	12 41 25	57.9	6	15	12 41 25	57.9	6	15	12 41 25	57.9	6	15
12 11 55 35	N22 46.7	1 0	0.3	14 4 16	54.4	60	14	14 40 12	26 2.7	7	1	14 40 12	26 2.7	7	1	14 40 12	26 2.7	7	1
14 55 34	46.3	10	3	16 7 10	53.7	70	16	16 38 59	5.4	8	20	16 38 59	5.4	8	20	16 38 59	5.4	8	20
16 55 33	45.5	20	3	18 8 6	53.0	80	18	18 37 46	8.0	9	22	18 37 46	8.0	9	22	18 37 46	8.0	9	22
18 55 32	45.3	30	4	20 8 34	52.3	90	20	20 36 33	10.6	10	25	20 36 33	10.6	10	25	20 36 33	10.6	10	25
20 55 31	44.8	40	4	22 9 2	51.5	100	22	22 35 19	13.2	11	27	22 35 19	13.2	11	27	22 35 19	13.2	11	27
22 55 30	44.3	50	5	24 9 30	N18 50.8	2 0	0.7	24 34 6	15.7	12	30	24 34 6	15.7	12	30	24 34 6	15.7	12	30
24 11 55 29	N22 43.8	2 0	0.5					(H.P. 59.2, S.D. 16 8)		13	32	(H.P. 59.2, S.D. 16 8)		13	32	(H.P. 59.2, S.D. 16 8)		13	32
(観半徑 S.D. 15 46)				♃ 木星				♄ 土星				♁ 金星				♀ 火星			
No.	恒星	E ₀	d	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /
1	Polaris	17 4 35	N89 0.9	0 7 16 6	N 3 18.3	0 0 0 0.0		0 7 16 6	17.2	10 1 1		0 7 16 6	17.2	10 1 1		0 7 16 6	17.2	10 1 1	
2	Kochab	4 0 41	74 22.2	2 16 15	17.2	10 1 1		2 16 15	16.0	20 2 2		2 16 15	16.0	20 2 2		2 16 15	16.0	20 2 2	
3	Dubhe	7 51 2	62 2.1	4 16 25	14.8	30 3 3		4 16 25	14.8	30 3 3		4 16 25	14.8	30 3 3		4 16 25	14.8	30 3 3	
4	β Cassiop.	18 45 11	58 51.6	6 16 35	13.6	40 3 4		6 16 35	12.5	50 4 5		6 16 35	12.5	50 4 5		6 16 35	12.5	50 4 5	
5	Mercr	7 52 51	56 39.9	8 16 44	12.5	0 50 4 5		8 16 44				8 16 44				8 16 44			
6	Alroh	5 59 49	N56 14.7	10 16 54	11.3	1 0 5 0.6		10 16 54				10 16 54				10 16 54			
7	Scholar	18 14 2	56 15.0	12 7 17 4	N 3 11.3	1 0 5 0.6		12 7 17 4	10.1	10 6 7		12 7 17 4	10.1	10 6 7		12 7 17 4	10.1	10 6 7	
8	Mizar	5 29 43	55 11.9	14 17 13	8.9	20 7 8		14 17 13	8.9	20 7 8		14 17 13	8.9	20 7 8		14 17 13	8.9	20 7 8	
9	α Persei	15 30 59	49 40.6	16 17 23	7.7	30 8 0.9		16 17 23	7.7	30 8 0.9		16 17 23	7.7	30 8 0.9		16 17 23	7.7	30 8 0.9	
10	Benetnash	5 6 4	49 34.5	18 17 32	6.6	40 8 1.0		18 17 32	6.6	40 8 1.0		18 17 32	6.6	40 8 1.0		18 17 32	6.6	40 8 1.0	
11	Capella	13 38 45	N45 56.9	20 17 42	5.4	1 50 9 1		20 17 42	5.4	1 50 9 1		20 17 42	5.4	1 50 9 1		20 17 42	5.4	1 50 9 1	
12	Donb	22 11 53	45 5.5	22 17 52	N 3 4.2	2 0 10 1.2		22 17 52				22 17 52				22 17 52			
13	Vega	0 16 22	38 44.0	24 7 18 1	3.4	2 0 10 1.2		24 7 18 1				24 7 18 1				24 7 18 1			
14	Autor	11 20 18	32 0.4																
15	Alpheratz	18 45 52	28 48.2																
16	Polux	11 9 27	N28 9.3																
17	α Cor. Bor.	3 19 4	26 53.3																
18	Arcturus	4 38 16	19 27.1																
19	Aldebaran	14 18 39	16 24.5																
20	Markab	19 49 23	14 55.5																
21	Donab'a	7 5 10	N14 51.8																
22	α Ophiuchi	1 19 2	12 35.7																
23	Rigel	8 45 58	12 13.4																
24	Altair	23 3 18	8 43.8																
25	Betelgeuse	12 59 14	7 24.1																
26	Bellatrix	13 29 15	N 6 18.4																
27	Procyon	11 15 0	N 5 21.7																
28	Rigel	13 39 33	S 8 15.4																
29	α Hydrea	9 26 33	8 26.0																
30	Spica	5 29 7	10 53.6																
31	Sirius	12 8 44	S16 38.5																
32	β Ceti	18 10 35	18 16.1																
33	Antares	2 25 23	26 19.3																
34	α Sagittarii	23 59 30	26 21.9																
35	Fomalhaut	19 56 46	29 53.8																
36	λ Scorpii	1 21 28	S37 4.2																
37	Canopus	12 28 49	52 39.9																
38	α Perseus	22 29 58	56 54.1																
39	Achernar	17 15 47	57 29.6																
40	β Crucis	6 6 55	59 24.7																
41	β Centauri	4 51 25	S60 7.8																
42	α Centauri	4 15 30	60 37.7																
43	α Crucis	6 27 53	62 49.1																
44	α Tri. Aus.	2 8 22	68 56.4																
45	β Corinae	9 39 0	S69 30.3																
R ₀ 18 51 35				♃ 木星				♄ 土星				♁ 金星				♀ 火星			
星名	赤経	光度	地平視差	観半徑	星名	赤経	光度	地平視差	観半徑	星名	赤経	光度	地平視差	観半徑	星名	赤経	光度	地平視差	観半徑
♀金星	5 48	-3.5	0.5	27	♁金星	11 35	+1.3	0.1	3	♃木星	17 24	-2.2	0.0	21	♄土星	9 34	+0.8	0.0	7

☉ 太陽				♃ 木星				♄ 土星				♁ 金星				♀ 火星			
U	E ₀	d	dの比例部分	U	E _p	d	E _p d	U	E _k	d	E _k d	U	E _k	d	E _k d	U	E _k	d	E _k d
h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /	h m s	° /
0 11 55 29	N22 43.8	0 0	0.0	0 13 3 50	N18 59.6	0 0	0.0	0 13 47 29	N25 45.6	1 2	0.1	0 13 47 29	N25 45.6	1 2	0.1	0 13 47 29	N25 45.6	1 2	0.1
2 55 29	43.3	10	0	4 4 19	58.9	10	2	4 46 17	48.5	2	5	4 46 17	48.5	2	5	4 46 17	48.5	2	5
4 55 28	42.8	20	1	6 4 48	58.1	20	5	6 45 4	51.4	3	7	6 45 4	51.4	3	7	6 45 4	51.4	3	7
6 55 27	42.3	30	1	8 4 19	57.4	30	7	8 43 51	54.3	4	10	8 43 51	54.3	4	10	8 43 51	54.3	4	10
8 55 26	41.8	40	2	10 4 16	56.6	40	9	10 42 38	57.1	5	12	10 42 38	57.1	5	12	10 42 38	57.1	5	12
10 55 25	41.3	50	2	12 4 16	55.9	50	12	12 41 25	57.9	6	15	12 41 25	57.9	6	15	12 41 25	57.9	6	15
12 11 55 24	N22 40.8	1 0	0.3	14 4 16	54.4	60	14	14 40 12	26 2.7	7	1	14 40 12	26 2.7	7	1	14 40 12	26 2.7	7	1
14 55 23	40.3	10	3	16 7 10	53.7	70	16	16 38 59	5.4	8	20	16 38 59	5.4	8	20	16 38 59	5.4	8	20
16 55 23	39.8	20	3	18 8 6	53.0	80	18	18 37 46	8.0	9	22	18 37 46	8.0	9	22	18 37 46	8.0	9	22
18 55 22	39.3	30	4	20 8 34	52.3	90	20	20 36 33	10.6	10	25	20 36 33	10.6	10	25	20 36 33	10.6	10	25
20 55 21	38.8	40	4	22 9 2	51.5	100	22	22 35 19	13.2	11	27	22 35 19	13.2	11	27	22 35 19			

☉ 太陽				♁ 惑星				(月 月齡 0.1 比例部分			
U	E ₀	d	dの比例部分	U	E ₀	d	E ₀ d	U	E ₀	d	E ₀ d
h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s	° ' "
0 11 55 19	N22 37.7	0 0	0.0	♀ 金星	h m s	° ' "	h m s	° ' "	h m s	° ' "	h m s
2 55 18	37.2	10	0		0 13 15 1	N18 42.6	0 0 0 0.0		0 11 45 45	N26 57.6	1 3 0 1
4 55 18	36.7	20	1		1 43 10	54.3	10 2 1		44 27	56.0	2 5 1
6 55 17	36.2	30	1		2 41 52	52.5	4 10 3		43 10	54.3	3 8 2
8 55 16	35.6	40	2		2 40 34	50.7	5 13 4		41 52	52.5	4 10 3
10 55 15	35.1	0 50	2		3 39 17	48.9	6 15 4		40 34	50.7	5 13 4
					3 37 59	47.0	7 18 5		39 17	48.9	6 15 4
12 11 55 14	N22 34.5	1 0	0.3		4 36 42	45.0	8 21 6		37 59	47.0	7 18 5
14 55 14	34.0	10	3		4 35 24	43.0	9 23 7		36 42	45.0	8 21 6
16 55 13	33.5	20	3		5 34 7	40.9	10 26 7		35 24	43.0	9 23 7
18 55 12	32.9	30	4		5 32 50	38.8	11 28 8		34 7	40.9	10 26 7
20 55 11	32.4	40	4		6 31 32	36.7	12 31 0.9		32 50	38.8	11 28 8
22 55 10	31.8	1 50	5		7 29 58	34.6	13 33 1.0		31 32	36.7	12 31 0.9
24 11 55 10	N22 31.3	2 0	0.5		(H.P. 60.4, S.D. 16.27)				29 58	34.6	13 33 1.0
									28 58	32.2	14 36 0
									27 40	29.9	15 38 1
									26 23	27.5	16 41 2
									25 6	25.1	17 44 2
									23 49	22.7	18 46 3
									22 32	20.2	19 49 4
									21 14	17.6	20 51 5
									19 57	15.0	21 54 5
									18 40	12.4	22 56 6
									17 23	9.7	23 57 7
									16 7	6.9	24 62 8
									15 17	4.2	25 64 8
									14 31	1.6	26 67 1.9
									13 46	0.9	27 69 2.0
									12 61	0.2	28 72 1
									11 76	0.1	29 74 2.1
									10 91	0.1	
									9 106	0.1	
									8 121	0.1	
									7 136	0.1	
									6 151	0.1	
									5 166	0.1	
									4 181	0.1	
									3 196	0.1	
									2 211	0.1	
									1 226	0.1	
									0 241	0.1	
									0 256	0.1	
									0 271	0.1	
									0 286	0.1	
									0 301	0.1	
									0 316	0.1	
									0 331	0.1	
									0 346	0.1	
									0 361	0.1	
									0 376	0.1	
									0 391	0.1	
									0 406	0.1	
									0 421	0.1	
									0 436	0.1	
									0 451	0.1	
									0 466	0.1	
									0 481	0.1	
									0 496	0.1	
									0 511	0.1	
									0 526	0.1	
									0 541	0.1	
									0 556	0.1	
									0 571	0.1	
									0 586	0.1	
									0 601	0.1	
									0 616	0.1	
									0 631	0.1	
									0 646	0.1	
									0 661	0.1	
									0 676	0.1	
									0 691	0.1	
									0 706	0.1	
									0 721	0.1	
									0 736	0.1	
									0 751	0.1	
									0 766	0.1	
									0 781	0.1	
									0 796	0.1	
									0 811	0.1	
									0 826	0.1	
									0 841	0.1	
									0 856	0.1	
									0 871	0.1	
									0 886	0.1	
									0 901	0.1	
									0 916	0.1	
									0 931	0.1	
									0 946	0.1	
									0 961	0.1	
									0 976	0.1	
									0 991	0.1	
									1 006	0.1	
									1 021	0.1	
									1 036	0.1	
									1 051	0.1	
									1 066	0.1	
									1 081	0.1	
									1 096	0.1	
									1 111	0.1	
									1 126	0.1	
									1 141	0.1	
									1 156	0.1	
									1 171	0.1	
									1 186	0.1	
									1 201	0.1	
									1 216	0.1	
									1 231	0.1	
									1 246	0.1	
									1 261	0.1	
									1 276	0.1	
									1 291	0.1	
									1 306	0.1	
									1 321	0.1	
									1 336	0.1	
									1 351	0.1	
									1 366	0.1	
									1 381	0.1	
									1 396	0.1	
									1 411	0.1	
									1 426	0.1	
									1 441	0.1	
									1 456	0.1	
									1 471	0.1	
									1 486	0.1	
									1 501	0.1	
									1 516	0.1	
									1 531	0.1	
									1 546	0.1	
									1 561	0.1	
									1 576	0.1	
									1 591	0.1	
									1 606	0.1	
									1 621	0.1	
									1 636	0.1	
									1 651	0.1	
									1 666	0.1	
									1 681	0.1	
									1 696	0.1	
									1 711	0.1	
									1 726	0.1	
									1 741	0.1	
									1 756	0.1	
									1 771	0.1	
									1 786	0.1	

Main astronomical data table for July 9th, including star positions, magnitudes, and planetary data.

Main astronomical data table for July 10th, including star positions, magnitudes, and planetary data.

