

JANUARY 1983

Table for January 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days of the month.

Table for January 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days of the month.

FEBRUARY 1983

Table for February 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days of the month.

Table for February 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days of the month.

MARCH 1983

Table for March 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days of the month.

Table for March 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days of the month.

APRIL 1983

Table for April 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days of the month.

Table for April 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days of the month.

MAY 1983

Table for May 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

Table for May 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

JUNE 1983

Table for June 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

Table for June 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

Table for July 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

Table for July 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

AUGUST 1983

Table for August 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

Table for August 1983 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

SEPTEMBER 1983

DAY	EPHEMERIS SIDEREAL TIME		♈		♉		♊		♋		♌		♍		♎		♏		♐		♑	
	h	m s	o	'	o	'	o	'	o	'	o	'	o	'	o	'	o	'	o	'	o	'
LONGITUDE at NOON																						
1 T	10 40 20.2	8 ^m 29.2	20 57.7	21 23.2	0 43.1	27 6.9	12 4.1	2 47.9	0 46.7	5 12.8	26 28.6	27 34.2										
2 W	10 44 16.7	9 27.3	20 54.5	20 52.0	0 44.7	26 36.4	12 4.2	2 53.8	0 46.1	5 13.7	26 28.6	27 36.0										
3 S	10 48 13.3	10 25.4	20 51.3	19 47.8	0 44.0	26 7.6	13 20.4	2 59.9	0 51.5	5 14.8	26 28.2	27 37.8										
4 S	10 52 9.8	11 23.5	20 48.1	19 42.5	0 29.9	25 40.6	13 58.6	3 6.1	0 56.9	5 15.8	26 28.0	27 39.6										
5 M	10 56 6.4	12 21.7	20 45.0	19 29.5	0 13.1	25 15.7	14 36.7	3 12.5	1 2.5	5 16.9	26 27.9	27 41.4										
6 M	11 0 2.9	13 20.0	20 41.8	19 20.8	0 0 0	24 52.9	15 14.8	3 19.1	1 8.1	5 18.2	26 27.9	27 43.3										
7 W	11 5 59.5	14 18.2	20 38.4	19 10.7	0 16.0	24 32.6	15 52.8	3 25.8	1 13.8	5 19.4	26 27.9	27 45.2										
8 T	11 7 56.0	15 16.5	20 35.4	19 0 0	0 31.6	24 14.0	16 30.8	3 32.6	1 19.4	5 20.6	26 27.9	27 47.1										
9 F	11 11 52.6	16 14.8	20 32.3	19 48.7	0 46.7	23 58.0	17 8.8	3 39.6	1 25.2	5 22.0	26 27.9	27 49.0										
10 S	11 15 49.1	17 13.1	20 29.1	3 30.5	0 56.7	23 44.3	17 46.7	3 46.7	1 31.1	5 23.3	26 27.9	27 50.9										
11 S	11 19 45.7	18 11.4	20 25.9	17 16.2	1 11.1	23 30.0	18 24.6	3 53.9	1 36.9	5 24.7	26 28.0	27 52.9										
12 M	11 23 42.3	19 9.8	20 22.7	0 27.8	1 26.9	23 24.1	19 2.5	4 1.3	1 42.9	5 26.2	26 28.1	27 54.9										
13 T	11 27 38.8	20 8.2	20 19.5	13 13.7	1 41.8	23 17.6	19 40.4	4 8.8	1 48.8	5 27.7	26 28.3	27 56.9										
14 W	11 31 35.4	21 6.6	20 16.4	25 38.2	2 0 0	23 10.9	20 18.2	4 16.5	1 54.9	5 29.3	26 28.5	27 58.9										
15 T	11 35 31.9	22 5.0	20 13.2	7 34.5	2 15.1	23 4.4	20 55.9	4 24.3	2 0.9	5 30.9	26 28.7	28 0.9										
16 F	11 39 28.5	23 3.4	20 10.0	19 44.0	2 30.2	23 12.5	21 33.7	4 32.2	2 7.1	5 32.5	26 29.0	28 3.0										
17 S	11 43 25.0	24 2.0	20 6.8	1 35.4	2 45.1	23 5.4	22 11.4	4 40.2	2 13.2	5 34.2	26 29.2	28 5.1										
18 S	11 47 21.6	25 0.6	20 3.7	13 25.2	19 27.9	23 20.7	22 49.0	4 48.4	2 19.4	5 36.0	26 29.6	28 7.2										
19 M	11 51 18.1	25 59.1	20 0.5	25 16.8	18 37.7	23 28.2	23 26.7	4 56.7	2 25.7	5 37.8	26 29.9	28 9.3										
20 T	11 55 14.7	26 57.7	19 57.3	7 13.0	17 54.0	23 37.9	24 4.3	5 5.1	2 32.0	5 39.6	26 30.3	28 11.4										
21 W	11 59 11.2	27 56.0	19 54.1	19 15.6	17 18.0	23 48.7	24 41.9	5 13.6	2 38.4	5 41.5	26 30.7	28 13.6										
22 T	12 3 7.8	28 54.3	19 50.9	1 12.2	16 42.4	23 59.6	24 35.6	5 21.9	2 44.8	5 43.4	26 31.2	28 15.7										
23 F	12 7 4.3	29 52.7	19 47.8	13 14.9	16 32.1	24 19.6	25 57.0	5 30.2	2 51.2	5 45.2	26 31.7	28 17.9										
24 S	12 11 0.9	0 52.4	19 44.6	26 43.0	16 23.5	24 37.5	26 34.4	5 40.0	2 57.7	5 47.4	26 32.2	28 20.1										
25 S	12 14 57.4	1 51.1	19 41.4	8 50.9	16 14.8	24 57.4	27 11.9	5 49.0	3 4.2	5 49.5	26 32.7	28 22.3										
26 M	12 18 54.0	2 49.9	19 38.2	21 39.6	16 36.2	26 19.1	27 49.3	5 51.1	3 10.7	5 51.0	26 33.3	28 24.5										
27 T	12 22 50.5	3 48.8	19 35.1	4 40.8	16 57.5	25 42.7	28 26.8	6 7.4	3 17.4	5 52.6	26 34.0	28 26.8										
28 W	12 26 47.1	4 47.7	19 31.9	17 56.2	17 28.4	26 7.9	29 4.2	6 16.8	3 24.0	5 56.0	26 34.6	28 29.0										
29 T	12 30 43.7	5 46.6	19 28.7	1 52.8	18 5.4	26 34.8	29 41.8	6 26.2	3 30.7	5 58.2	26 35.3	28 31.3										
30 F	12 34 40.2	6 45.5	19 25.5	15 18.0	18 8.7	27 3.4	30 18.5	6 33.6	3 37.4	6 0.5	26 36.0	28 33.6										

DECLINATION at NOON																						
DAY	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑
1 T	10 40 20.2	8N23.3	23N 8.0	23N 7.6	3S 55.9	4N33.8	18N15.1	20S 8.8	9S 33.5	21S 5.8	22S 10.0	4N53.8										
4 S	10 52 9.8	4 45.5	7 10.7	6 37.4	3 42.2	5 13.0	17 43.4	20 12.9	9 39.7	21 6.3	22 10.4	4 50.8										
7 W	11 3 59.5	6 30.7	6 7.8	5 17.9	3 22.6	6 28.6	16 37.3	20 12.9	9 46.7	21 7.8	22 10.4	4 47.8										
10 T	11 15 49.1	9 10.3	6 0.0	9S 14.9	2 44.8	6 28.6	16 37.3	20 12.9	9 52.4	21 7.8	22 10.4	4 47.8										
13 T	11 27 38.8	3 54.3	23 5.3	21 44.8	1 15.0	7 2.1	16 2.8	20 26.4	9 58.9	21 8.6	22 10.6	4 41.8										
16 F	11 39 28.5	2 45.5	23 4.6	24 25.4	0 36.6	7 31.3	15 27.6	20 31.2	10 5.6	21 9.5	22 10.8	4 38.8										
19 M	11 51 18.1	1 35.9	23 3.9	17 22.1	2 31.1	7 55.3	14 51.6	20 36.2	10 12.4	21 10.4	22 10.9	4 35.8										
22 T	12 3 7.8	0 25.9	23 3.2	3 55.0	4 8.0	8 13.8	14 14.8	20 41.3	10 19.2	21 11.5	22 11.4	4 32.8										
25 F	12 14 57.4	0S 44.2	23 3.2	5 10.5	11N22.6	5 10.5	8 26.4	20 46.5	10 26.2	21 12.6	22 11.3	4 29.9										
28 W	12 26 47.1	1 54.3	23 1.7	22 48.9	5 30.6	8 32.9	12 59.3	20 52.0	10 33.2	21 13.7	22 11.5	4 26.9										

OCTOBER 1983

LONGITUDE at NOON																						
DAY	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑
1 S	12 38 36.8	7 44.5	19 22.3	29 27.0	19 53.5	27 33.5	0 56.1	6 45.5	3 44.1	6 2.8	26 37.7	28 35.9										
2 S	12 42 33.3	8 43.5	19 19.2	13 54.1	20 57.4	28 5.1	1 33.3	6 55.3	3 50.9	6 5.2	26 36.5	28 38.2										
3 M	12 46 29.9	9 42.6	19 16.0	28 36.1	22 7.8	28 38.2	2 10.6	7 5.2	3 57.7	6 7.6	26 38.3	28 40.5										
4 T	12 50 26.4	10 41.7	19 12.8	13 27.2	23 24.1	29 12.7	2 47.7	7 15.2	4 4.5	6 10.0	26 39.2	28 42.8										
5 W	12 54 23.0	11 40.8	19 9.6	28 19.6	24 45.5	3 24.9	3 24.9	7 25.3	4 11.3	6 12.5	26 40.0	28 45.1										
6 T	12 58 19.5	12 40.0	19 6.5	13 4 4	26 1.4	0 25.5	4 20.0	7 35.5	4 18.2	6 15.0	26 40.9	28 47.4										
7 F	13 2 16.1	13 39.2	19 3.3	27 33.2	27 41.1	0 25.5	4 20.0	7 45.7	4 25.1	6 17.9	26 41.9	28 49.8										
8 S	13 6 12.6	14 38.4	19 0.1	11 30.8	29 14.1	1 43.4	5 16.1	7 56.1	4 32.1	6 20.2	26 42.8	28 52.2										
9 S	13 10 9.2	15 37.7	18 56.9	25 20.5	0 49.7	2 24.1	5 53.2	8 6.6	4 39.0	6 22.8	26 43.8	28 54.5										
10 T	13 14 5.7	16 37.0	18 53.7	8 34.3	2 27.5	3 5.8	6 30.1	8 17.2	4 46.0	6 25.5	26 44.8	28 56.9										
11 T	13 18 2.3	17 36.3	18 50.6	21 23.5	4 7.1	3 48.7	7 1.1	8 27.9	4 53.0	6 28.2	26 45.9	28 59.3										
12 W	13 21 58.8	18 35.7	18 47.4	3 51.0	5 48.0	4 32.5	7 44.0	8 38.7	5 0.1	6 30.9	26 47.0	29 0.0										
13 T	13 25 55.4	19 35.1	18 44.2	16 1.6	7 30.0	5 17.4	8 20.8	8 49.5	5 7.1	6 33.7	26 48.1	29 4.0										
14 F	13 29 52.0	20 34.5	18 41.0	28 0.5	9 12.7	6 3.2	8 57.7	9 0.5	5 14.2	6 36.5	26 49.2	29 8.8										
15 S	13 33 48.5	21 33.9	18 37.9	9 52.9	10 55.9	6 50.0	9 34.5	9 11.5	5 21.3	6 39.3	26 50.4	29 6.4										
16 S	13 37 45.1	22 33.4	18 34.7	21 43.8	12 39.5	7 37.6	10 11.2	9 22.6	5 28.4	6 42.2	26 51.8	29 11.2										
17 M	13 41 41.6	23 32.9	18 31.5	3 37.6	14 23.1	8 26.1	10 48.0	9 33.8	5 35.5	6 45.1	26 52.9	29 13.6										
18 T	13 45 38.2	24 32.5	18 28.3	15 37.9	16 6.8	9 15.4	11 24.7	9 45.1	5 42.7	6 48.1	26 54.2	29 16.1										
19 W	13 49 34.7	25 32.1	18 25.1	27 47.5	17 50.2	10 5.6	12 13.3	9 56.5	5 4													