

JANUARY 1987

Table for January 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various celestial bodies (Sun, Moon, planets, and stars) across the month.

Table for January 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various celestial bodies (Sun, Moon, planets, and stars) across the month.

FEBRUARY 1987

Table for February 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various celestial bodies (Sun, Moon, planets, and stars) across the month.

Table for February 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various celestial bodies (Sun, Moon, planets, and stars) across the month.

MARCH 1987

Table for March 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various celestial bodies (Sun, Moon, planets, and stars) across the month.

Table for March 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various celestial bodies (Sun, Moon, planets, and stars) across the month.

APRIL 1987

Table for April 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various celestial bodies (Sun, Moon, planets, and stars) across the month.

Table for April 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various celestial bodies (Sun, Moon, planets, and stars) across the month.

MAY 1987

Table for May 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

Table for May 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

JUNE 1987

Table for June 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

Table for June 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

JULY 1987

Table for July 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

Table for July 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

AUGUST 1987

Table for August 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

Table for August 1987 showing Ephemeris Sidereal Time, Longitude at Noon, and Declination at Noon for various days and planets.

SEPTEMBER 1987

DAY	EPHEMERIS SIDEREAL TIME			LONGITUDE at NOON												
	h	m	s	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
1 T	10	40	28.5	8w31.7	3y36.0	12 54.8	11w 3.8	19w45.4	29w27.8	14 40.8	22 43.0	5 17.8	7m 43.4			
2 W	10	44	25.1	9 29.8	3 29.7	26 58.7	12 18.2	12 29.8	12 18.2	14 41.8	22 43.0	5 17.8	7m 44.9			
3 T	10	48	21.6	10 27.9	3 29.7	11 22.7	13 12.9	13 12.9	13 12.9	14 42.8	22 43.0	5 16.9	7 46.4			
4 F	10	52	18.2	11 26.0	3 26.3	26 3.8	24 54.8	14 47.1	8 4.5	29 19.4	14 46.8	5 16.5	7 48.0			
5 S	10	56	14.8	12 24.2	3 23.3	26 35.4	16 1.6	8 42.7	29 16.2	14 44.4	22 43.4	5 16.1	7 49.6			
6 S	11	0	11.3	13 22.3	3 20.1	25 52.9	28 14.8	17 16.1	9 21.0	29 12.8	14 48.1	5 15.8	7 51.2			
7 M	11	4	7.9	14 20.5	3 16.9	10x45.3	29 53.1	18 30.5	9 59.2	29 9.3	14 49.9	5 15.4	7 52.8			
8 T	11	8	4.4	15 18.7	3 13.8	25 25.6	1-30.1	19 45.0	10 37.4	29 5.5	14 51.8	5 15.1	7 54.5			
9 W	11	12	1.0	16 16.9	3 10.6	9y47.1	3 6.1	20 59.5	11 15.7	29 1.6	14 53.8	5 14.9	7 56.1			
10 T	11	15	57.5	17 15.2	3 7.2	23 45.3	4 40.8	22 14.1	11 53.9	28 57.5	14 55.9	5 14.6	7 57.8			
11 F	11	19	54.1	18 13.5	3 4.2	7y18.4	6 14.5	23 28.6	12 32.1	28 53.2	14 58.0	5 14.4	7 59.6			
12 S	11	23	50.6	19 11.9	3 1.9	20 28.5	7 46.9	24 43.1	13 10.4	28 48.7	15 0.3	5 14.2	8 1.3			
13 S	11	27	47.2	20 10.2	2 57.9	3x11.7	9 18.3	25 57.7	13 48.7	28 44.1	15 2.7	5 14.1	8 1.3			
14 M	11	31	43.7	21 8.7	2 54.7	15 37.5	10 48.6	27 12.2	14 27.0	28 39.2	15 5.1	5 14.0	8 1.9			
15 T	11	35	40.3	22 6.1	2 51.5	27 47.9	12 17.7	28 28.8	15 53.2	28 34.2	15 7.7	5 13.9	8 4.7			
16 W	11	39	36.8	23 5.6	2 48.3	9y47.5	13 45.7	29 41.4	16 43.5	28 29.1	15 10.3	5 13.8	8 6.6			
17 T	11	43	33.4	24 4.1	2 45.2	21 40.7	15 12.5	0-56.0	16 43.5	28 24.1	15 13.3	5 13.7	8 8.6			
18 F	11	47	30.0	25 2.7	2 42.0	3y31.8	16 38.2	0 10.6	17 1.2	28 18.3	15 15.8	5 13.6	8 10.4			
19 S	11	51	26.5	26 1.2	2 38.8	15 24.8	18 2.7	3 25.2	17 38.5	28 12.6	15 18.7	5 13.5	8 14.2			
20 S	11	55	23.1	26 59.9	2 35.6	27 22.5	19 28.0	4 39.8	18 18.8	28 6.9	15 21.7	5 13.4	8 16.2			
21 M	11	59	19.6	27 58.5	2 32.5	9y28.2	20 48.1	5 54.4	18 55.2	28 0.9	15 24.6	5 13.3	8 18.1			
22 T	12	3	16.2	28 57.2	2 29.3	21 43.7	22 8.9	7 9.1	19 33.5	27 54.8	15 28.0	5 13.2	8 20.0			
23 W	12	7	12.7	29 55.9	2 26.1	4-10.8	23 28.4	9 23.7	20 11.9	27 48.6	15 31.2	5 13.1	8 22.1			
24 T	12	11	9.3	30 54.7	2 22.9	16 50.4	24 48.6	9 38.4	20 50.3	27 42.2	15 34.5	5 13.0	8 24.1			
25 F	12	15	5.8	31 53.5	2 19.7	29 43.2	26 3.4	10 53.1	21 28.7	27 35.8	15 38.0	5 12.9	8 26.2			
26 S	12	19	2.4	32 52.4	2 16.6	12y49.8	27 16.7	12 7.7	22 7.1	27 29.1	15 41.5	5 12.8	8 28.3			
27 S	12	22	58.9	3 51.2	2 13.4	26 9.8	28 32.5	13 22.4	22 45.5	27 22.4	15 45.1	5 12.7	8 30.3			
28 M	12	26	55.5	4 50.1	2 10.2	9 43.7	29 44.6	14 37.1	23 23.9	27 15.5	15 48.8	5 12.6	8 32.4			
29 T	12	29	52.0	5 49.0	2 7.0	23 31.1	0 54.9	15 51.8	24 2.4	27 8.5	15 52.5	5 12.5	8 34.5			
30 W	12	34	48.6	6 48.0	2 3.9	7 31.4	2 3.4	17 6.4	24 40.8	27 1.4	15 56.4	5 12.4	8 36.7			

DAY	EPHEMERIS SIDEREAL TIME			DECLINATION at NOON												
	h	m	s	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
1 T	10	40	28.5	8N22.4	1N25.9	27S 14.9	5N 2.8	8N43.5	10N17.1	9N53.1	21S 11.4	23S 24.1	22S 18.9	1N 2.7		
2 W	10	44	25.1	7 16.6	1 22.1	25 39.8	2 43.6	7 17.9	9 34.1	9 49.5	21 11.4	23 24.1	22 18.9	0 59.9		
3 T	10	48	21.6	6 9.8	1 18.3	9 19.9	0 26.3	5 50.4	8 50.6	9 45.3	21 13.7	23 24.1	22 19.4	0 54.4		
4 F	10	52	18.2	5 2.1	1 14.5	11N 0.8	1S 48.1	4 21.4	8 6.6	9 40.6	21 14.9	23 24.1	22 19.4	0 54.4		
5 S	10	56	14.8	3 53.7	1 10.7	25 19.9	3 58.8	2 51.3	7 22.1	9 35.4	21 16.3	23 24.3	22 19.6	0 51.5		
6 S	11	0	11.3	2 44.5	1 7.0	28 17.9	6 4.9	1 20.2	6 37.3	9 29.6	21 17.7	23 24.4	22 19.7	0 48.7		
7 M	11	4	7.9	1 29.3	0 58.4	31 5.8	8 5.8	0S 11.3	5 52.1	9 23.3	21 19.2	23 24.5	22 19.8	0 45.9		
8 T	11	8	4.4	1 24.5	0 54.9	4 10.7	10 0.5	1 43.0	5 6.5	9 16.5	21 20.6	23 24.6	22 19.9	0 43.1		
9 W	11	12	1.0	1 19.6	0 51.6	13S 39.9	11 48.4	3 14.7	4 20.7	9 9.2	21 21.1	23 24.7	22 20.0	0 40.2		
10 T	11	15	57.5	1 15.1	0 48.3	26 44.1	13 28.3	4 45.8	3 34.6	9 1.8	21 24.1	23 25.1	22 20.1	0 37.4		

OCTOBER 1987

DAY	EPHEMERIS SIDEREAL TIME			LONGITUDE at NOON												
	h	m	s	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
1 T	12	38	45.1	7-46.9	2y 0.7	21 43.2	3m 9.9	18-21.1	25w19.2	26w54.2	16 0.3	23 5.9	5 17.3	8m 38.8		
2 F	12	42	41.7	8 45.9	1 57.5	6- 4.5	4 14.3	19 35.8	25 57.7	26R46.2	16 1.0	23 7.0	5 17.8	8 41.0		
3 S	12	46	38.3	9 44.9	1 54.3	20 32.1	5 18.4	20 50.4	26 36.5	16 8.3	23 9.5	5 18.3	8 43.2			
4 S	12	50	34.8	10 44.0	1 51.2	5x 1.9	6 18.0	22 5.1	27 14.6	26 32.0	16 12.5	23 10.7	5 18.8	8 45.4		
5 M	12	54	31.4	11 43.1	1 48.0	19 29.1	7 12.9	23 19.8	27 5.1	26 24.4	16 16.7	23 12.3	5 19.4	8 47.6		
6 T	12	58	27.9	12 42.2	1 44.8	3y48.2	8 6.9	24 34.5	28 31.5	26 14.8	16 21.0	23 14.1	5 20.0	8 49.8		
7 W	13	0	24.5	13 41.4	1 41.6	17 54.5	8 57.7	25 49.2	29 10.0	28 9.1	16 25.4	23 15.8	5 20.7	8 52.0		
8 T	13	6	21.0	14 40.5	1 38.4	1y43.8	9 45.0	27 3.8	29 46.6	26 1.3	16 29.8	23 17.6	5 21.4	8 54.3		
9 T	13	10	17.6	15 39.8	1 35.3	15 12.7	10 28.5	28 18.5	0-27.1	25 53.5	16 34.3	23 19.5	5 22.1	8 56.5		
10 S	13	14	14.1	16 39.0	1 32.1	28 20.6	11 7.9	29 33.2	1 5.6	25 45.6	16 38.9	23 21.4	5 22.8	8 58.8		
11 S	13	18	10.7	17 38.3	1 28.9	11x 7.7	11 42.7	0m47.9	1 44.2	25 37.6	16 43.6	23 23.4	5 23.6	9 1.1		
12 M	13	22	7.2	18 37.6	1 25.7	23 36.0	12 12.5	2 2.6	2 22.7	25 29.6	16 48.3	23 25.3	5 24.4	9 3.4		
13 T	13	26	3.8	19 37.0	1 22.6	5y48.4	12 36.9	3 17.3	3 1.3	25 21.6	16 53.1	23 27.4	5 25.3	9 5.7		
14 W	13	30	0.4	20 36.4	1 19.4	17 49.1	12 55.4	4 32.0	3 39.9	25 13.5	16 58.0	23 29.5	5 26.2	9 8.0		
15 T	13	33	56.9	21 35.9	1 16.2	29 42.7	13 7.5	5 46.7	4 16.5	25 5.4	17 2.9	23 31.6	5 27.1	9 10.4		
16 F	13	37	53.5	22 35.4	1 13.0	11 33.9	12 26.7	7 1.4	5 57.2	24 57.4	17 8.0	23 33.8	5 28.1	9 12.8		
17 S	13	41	50.0	23 34.9	1 9.8	23 27.4	13R10.3	8 16.1	6 8.1	24 49.3	17 13.0	23 36.0	5 29.0	9 15.1		
18 S	13	45	46.6	24 34.5	1 6.7	5y27.9	12 60.0	9 30.9	6 14.5	24 41.1	17 18.2	23 38.3	5 30.0	9 17.5		
19 M	13	49	43.1	25 34.1	1 3.5	17 39.3	12 41.4	10 45.6	6 53.1	24 33.0	17 23.2	23 40.5	5 31.1	9 19.9		
20 T	13	53	39.7	26 33.7	1 0.3	0- 4.8	12 14.1	12 0.3	7 31.1	24 24.9	17 28.6	23 42.9	5 32.1	9 22.2		
21 W	13	57	36.2	27 33.4	0 57.1	12 46.7	11 38.0	13 15.0	8 10.5	24 16.8	17 34.5	23 45.3	5 33.2	9 25.0		
22 T	14	1	32.8	28 33.1	0 54.0	25 46.0	10 53.3	14 29.7	8 49.2	24 8.7	17 39.4	23 47.7	5 34.3	9 27.0		
23 F	14	5 29.3	29 32.8	0 50.8	0 50.8	9 2.7	10 0.2	15 44.4	9 28.0	24 0.6	17 44.8	23 50.1	5 35.5	9 29.4		
24 S	14	9 25.9	30 32.6	0 47.8	22 35.2	8 59.5	10 6.7	16 59.1	10 6.7	23 52.6	17 50.3	23 52.6	5 36.7	9 31.8		
25 S	14	13	22.5	1 32.4	0 44.4	6 21.4	7 52.2	18 13.9	10 45.4	23 44.6	17 55.9	23 55.1	5 37.9	9 34.2		
26 M	14	17	19.0	2 32.3	0 41.2	20 18.1	8 39.9	19 28.6	11 24.2	23 36.7	18 1.5	23 57.7	5 39.1	9 36.6		
27 T	14	21	15.6	3 32.0	0 38.1	4 22.2	9 24.4	20 43.3	12 3.0	23 28.8	18 7.2	24 0.3	5 40.4	9 39.1		
28 T	14	25	12.1	4 32.0	0 34.9	18 30.8	4 7.8	21 58.0	12 41.8	23 21.0	18 12.9	24 3.0	5 41.7	9 41.5		
29 T	14	29	8.7	5 31.9	0 31.7	16 40.8	2 52.4	23 12.7	13 20.5	23 13.2	18 18.7	24 5.6	5 43.0	9 43.9		
30 F	14	33	5.2	6 31.9	0 28.5	16 50.7	1 40.8	24 27.4	13 58.4	23 5.5	18 24.5	24 8.3	5 44.4	9 46.3		
31 S	14	37														