

JANUARY 1990

DAY	EPHEMERIS SIDEREAL TIME		LONGITUDE at NOON											
	h	m s	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
1 M	18 43	31.0	10 ^b 49.1	18 ⁻ 26.0	3 ^x 15.5	25 ^b 40.3	6 ⁻ 13.3	10 ⁻ 0.5	15 ^b 39.9	5 ^b 47.5	12 ^b 2.8	17 ^m 5.8		
2 M	18 47	27.6	11 50.3	18 22.9	16 49.7	25R16.6	6R 4.2	10 42.7	15 47.0	5 51.1	12 5.1	17 7.4		
3 W	18 51	24.7	12 51.4	18 19.7	0 ^v 36.3	24 41.1	5 52.6	11 25.0	15 54.1	5 54.7	12 7.3	17 9.0		
4 T	19 55	20.7	13 52.6	18 16.5	14 35.1	23 55.9	5 53.9	12 7.3	16 4.7	5 58.3	12 9.6	17 10.5		
5 F	19 59	17.2	14 53.8	18 13.3	28 45.7	22 45.7	5 55.2	12 49.3	15 5.8	6 0.0	12 11.9	17 12.1		
6 S	19 7 13.8	15 54.9	18 10.2	13 ^v 6.3	21 50.7	5 29.9	5 29.9	13 32.1	16 15.4	6 5.4	12 14.2	17 13.6		
7 S	19 7 10.4	16 58.1	18 7.0	27 39.6	20 37.4	4 41.5	14 14.5	4 21.1	16 22.5	6 9.0	12 16.4	17 15.1		
8 M	19 15 13.5	18 58.3	18 0.6	22 33.0	19 45.4	3 52.1	15 39.4	4 58.8	16 28.6	6 12.6	12 18.7	17 16.5		
9 T	19 19 0.0	19 59.4	17 57.5	20 ^v 45.6	16 39.3	3 24.3	16 21.9	3 58.2	16 43.8	6 19.6	12 23.2	17 19.3		
10 W	19 22 56.6	21 0.5	17 54.3	24 47.3	15 22.3	2 54.6	17 4.4	3 50.7	16 50.9	6 23.2	12 25.5	17 20.7		
11 T	19 26 53.1	22 1.7	17 51.1	8 ^v 29.9	14 10.4	2 23.3	17 47.0	3 43.3	16 58.0	6 26.7	12 27.7	17 22.0		
12 F	19 30 49.7	23 2.8	17 47.9	21 51.2	13 5.3	1 50.4	18 29.7	3 36.0	17 5.1	6 30.2	12 30.0	17 23.3		
13 S	19 34 46.3	24 3.9	17 44.7	4 ^v 50.7	12 8.4	0 16.3	19 12.3	3 28.8	17 12.2	6 33.7	12 32.2	17 24.6		
14 M	19 38 42.8	25 5.0	17 41.6	17 29.5	11 20.5	0 41.1	19 55.0	3 21.7	17 19.3	6 37.1	12 34.4	17 25.8		
15 T	19 42 39.4	26 6.0	17 38.4	29 50.6	10 42.1	0 5.0	20 37.7	3 14.8	17 26.3	6 40.6	12 36.6	17 27.0		
16 W	19 46 35.8	27 7.1	17 35.2	11 ^v 57.8	10 13.3	29 ^b 26.5	21 20.5	3 7.9	17 33.4	6 44.0	12 38.9	17 28.1		
17 M	19 50 32.3	28 8.2	17 32.0	23 35.0	9 55.9	28 51.6	22 3.3	3 1.2	17 40.4	6 47.5	12 41.1	17 29.3		
18 T	19 54 29.1	29 9.3	17 28.9	9 43.7	9 43.7	28 14.6	22 46.2	2 54.5	17 47.4	6 50.9	12 43.3	17 30.4		
19 F	19 58 25.6	30 10.4	17 25.7	17 40.3	9 42.2	27 37.9	23 29.0	2 48.1	17 54.5	6 54.3	12 45.5	17 31.4		
20 S	20 2 22.2	1 11.4	17 22.5	29 37.6	9D48.7	27 1.6	24 12.0	2 41.7	18 1.5	6 57.7	12 47.7	17 32.5		
21 M	20 6 18.7	2 12.5	17 19.3	11 ^v 43.7	19 15.4	26 28.0	24 58.6	2 34.5	18 3.7	7 1.1	12 49.9	17 33.5		
22 W	20 10 15.3	3 13.6	17 16.2	24 2.0	10 23.6	25 51.4	25 37.9	2 28.5	18 5.4	7 4.4	12 52.0	17 34.5		
23 M	20 14 11.8	4 14.6	17 13.0	6 ^b 35.1	10 50.7	25 17.9	26 21.0	2 23.6	18 22.4	7 7.7	12 54.2	17 35.4		
24 T	20 18 8.4	5 15.7	17 9.8	19 24.6	11 23.6	24 45.9	27 4.0	2 17.8	18 29.3	7 11.0	12 56.3	17 36.3		
25 W	20 22 5.0	6 16.7	17 6.6	2 ⁻ 30.9	12 1.7	24 15.3	27 47.1	2 12.2	18 36.2	7 14.3	12 58.5	17 37.2		
26 M	20 26 1.5	7 17.7	17 3.4	15 53.4	12 44.4	23 46.6	28 30.2	2 6.7	18 43.1	7 17.5	13 0.6	17 38.0		
27 S	20 29 58.1	8 18.7	17 0.3	29 30.5	13 31.5	23 19.7	29 13.4	2 1.4	18 49.9	7 20.8	13 2.7	17 38.8		
28 M	20 33 54.6	9 19.6	16 57.1	13 ^v 19.9	14 22.4	22 54.9	29 56.6	1 56.3	18 56.8	7 24.0	13 4.8	17 39.5		
29 T	20 37 51.2	10 20.6	16 53.9	27 18.9	15 16.8	22 32.2	0 ^b 39.8	1 51.4	19 3.6	7 27.1	13 6.9	17 40.3		
30 W	20 41 47.7	11 21.5	16 50.7	11 ^v 24.9	16 14.4	22 11.8	1 23.0	1 46.6	19 10.4	7 30.3	13 8.9	17 40.9		

DAY	EPHEMERIS SIDEREAL TIME		DECLINATION at NOON											
	h	m s	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
1 M	18 43	31.0	23S 0.1	15S 18.3	8S 56.4	20S 23.4	16S 52.6	21S 59.1	23N 13.5	22S 13.9	23S 35.1	22S 3.5	2S 14.9	
4 T	18 55	20.7	23 43.1	15 21.2	9N48.0	21 43.4	17 11.6	22 11.6	23 11.6	22 3.5	23 3.5	2 15.0		
7 S	19 7 10.4	22 22.2	15 24.1	24 35.7	19 24.1	15 45.7	22 36.7	23 18.1	22 9.9	23 33.8	22 1.0	2 15.1		
10 W	19 19 0.0	21 57.2	15 27.1	26 3.5	19 18.5	15 18.4	22 52.7	23 17.3	22 6.9	23 33.8	22 1.2	2 15.0		
13 S	19 30 49.7	21 28.4	15 30.0	13 45.8	19 25.8	14 56.8	23 6.8	23 18.4	22 4.4	23 33.3	22 0.8	2 14.9		
16 M	19 42 39.4	20 55.9	15 32.9	3S 14.7	19 42.6	14 38.1	23 18.9	23 19.4	22 1.9	23 32.8	22 0.2	2 14.6		
19 F	19 54 29.1	20 19.8	15 35.8	18 19.2	14 25.2	23 29.1	23 20.3	21 56.4	23 32.3	21 59.6	2 14.2			
22 M	20 6 18.7	19 40.2	15 38.6	26 54.8	20 31.1	14 17.2	23 37.2	23 21.1	21 59.8	23 31.8	21 56.9	2 13.6		
25 W	20 18 54.4	18 57.4	15 41.6	26 5.9	13 58.0	13 58.0	23 43.3	23 19.9	21 59.9	23 31.8	21 56.9	2 13.6		
28 M	20 29 58.1	18 11.4	15 44.5	10 31.6	21 15.0	14 14.1	23 47.3	23 22.6	21 51.5	23 30.9	21 57.7	2 12.3		
31 W	20 41 47.7	17 22.4	15 47.4	8N29.8	21 28.2	14 18.2	23 49.3	23 23.2	21 48.9	23 30.4	21 57.1	2 11.5		

FEBRUARY 1990

DAY	EPHEMERIS SIDEREAL TIME		LONGITUDE at NOON											
	h	m s	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
1 T	20 45	44.3	12 ⁻ 22.4	16 ⁻ 47.6	25 ^v 35.0	17 ^b 14.9	21 ^b 53.6	2 ^b 6.3	1 ^b 42.0	19 ^b 17.1	7 ^b 63.4	13 ^b 11.0	17 ^m 41.6	
2 F	20 49	40.8	13 23.3	16 44.2	9 ^v 46.9	18 18.0	21R37.9	2 49.6	1R37.5	19 30.8	7 36.5	13 15.0	17 42.2	
3 S	20 53	37.4	14 24.2	16 41.4	23 58.2	19 23.6	21 24.6	3 32.9	1 33.3	19 23.5	7 39.6	13 15.7	17 42.8	
4 S	20 57	34.0	15 25.0	16 38.0	8 ^x 6.6	20 31.4	21 13.8	4 16.3	1 29.2	19 37.2	7 42.6	13 17.0	17 43.3	
5 M	21 1 30.5	16 25.8	16 34.9	22 10.0	22 10.0	21 5.4	21 59.7	5 7.7	1 25.7	19 43.8	7 45.7	13 19.0	17 43.8	
6 T	21 5 27.1	17 26.6	16 31.7	6 ^b 6.0	22 53.0	20 59.6	5 43.1	1 21.7	1 18.2	19 50.4	7 48.6	13 21.0	17 44.3	
7 W	21 9 23.6	18 27.4	16 28.5	19 52.3	24 6.6	20 56.2	6 26.6	1 18.2	19 56.9	7 51.6	13 22.9	17 44.7		
8 T	21 13 20.2	19 28.1	16 25.3	3 ^v 26.7	25 21.7	20 55.2	7 10.1	1 14.8	20 3.4	7 54.5	13 24.8	17 45.1		
9 F	21 17 16.7	20 28.9	16 22.1	16 47.2	26 38.5	20D56.7	7 53.6	1 11.7	20 9.9	7 57.4	13 26.7	17 45.5		
10 S	21 21 13.3	21 29.6	16 19.0	29 52.4	27 56.6	21 6.8	8 37.1	1 8.8	20 16.4	8 0.3	13 28.6	17 45.8		
11 S	21 25 9.9	22 30.2	16 15.8	12 ^v 41.9	29 16.2	21 0.8	9 20.7	1 6.0	20 22.8	8 1.3	13 30.5	17 46.1		
12 M	21 29 6.4	23 30.9	16 12.6	25 15.8	0 ⁻ 37.1	21 15.4	10 4.4	1 3.5	20 29.2	8 6.0	13 32.4	17 46.4		
13 T	21 33 3.0	24 31.6	16 9.4	7 ⁻ 35.5	1 59.1	21 26.1	10 48.1	1 1.2	20 35.5	8 8.7	13 34.2	17 46.6		
14 W	21 36 59.5	25 32.2	16 6.3	19 43.1	3 22.4	21 39.1	11 31.7	0 59.0	20 41.8	8 11.4	13 36.1	17 46.8		
15 M	21 40 56.1	26 32.8	16 3.3	1 ^v 41.8	4 46.9	21 54.1	12 15.5	0 57.1	20 48.0	8 14.1	13 37.8	17 46.9		
16 F	21 44 52.6	27 33.4	15 59.9	13 35.3	6 12.4	22 11.2	12 58.2	0 55.3	20 54.2	8 16.8	13 39.6	17 47.0		
17 S	21 48 49.2	28 33.9	15 56.7	25 28.1	7 39.0	22 30.3	13 43.0	0 53.8	21 0.3	8 19.4	13 41.4	17 47.1		
18 S	21 52 45.7	29 34.5	15 53.6	7 ⁻ 24.6	9 6.7	22 51.3	14 26.8	0 52.4	21 6.4	8 22.0	13 43.1	17 47.2		
19 M	21 56 42.3	30 35.0	15 50.4	19 29.8	10 35.5	23 14.2	15 10.7	0 51.2	21 12.5	8 24.8	13 44.8	17 47.1		
20 T	22 0 38.8	31 35.5	15 47.2	1 ^b 48.1	12 5.2	23 38.9	15 54.6	0 50.3	21 18.5	8 27.1	13 46.5	17 47.1		
21 W	22 4 35.4	32 35.9	15 44.0	14 23.6	13 36.0	24 5.3	16 38.5	0 49.5	21 24.4	8 29.6	13 48.1	17 47.0		
22 T	22 8 32.0	33 36.4	15 40.8	27 19.3	15 7.7	24 33.3	17 22.4	0 48.0	21 30.3	8 32.0	13 49.7	17 46.9		
23 F	22 12 28.5	34 36.8	15 37.5	10 37.3	16 40.5	25 2.9	18 8.4	0 46.6	21 36.1	8 34.4	13 51.4	17 46.8		
24 S	22 16 25.1	35 37.2	15 34.2	24 17.6	18 14.2	26 29.1	18 50.4	0 44.4	21 41.9	8 36.7	13 52.9	17 46.8		
25 S														

MAY 1990

DAY	EPHEMERIS SIDEREAL TIME		☉		♊		♈		♉		♊		♋		♌		♍		♎	
	h	m s	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'
LONGITUDE at NOON																				
1 T	2	36 37.6	10	51.6	12	4.8	8	36.6	27	2.0	7	54.7	25	19.7	9	27.4	14	30.8	16	33.2
2 W	2	40 34.2	11	49.8	12	17.8	19	42.6	28	8.9	8	39.5	25	20.0	9	26.5	14	30.3	16	31.5
3 T	2	44 30.7	12	48.0	11	58.4	20	28.0	13	34.9	29	15.9	9	24.2	7	22.4	25	20.2	16	29.8
4 F	2	48 27.3	13	46.2	11	55.2	14	56.8	12	58.9	0	23.0	10	9.0	7	32.8	25	20.3	16	28.1
5 S	2	52 23.8	14	44.3	11	52.1	27	13.0	12	18.8	1	30.3	10	5.7	7	43.3	25	20.3	16	26.4
6 S	2	56 20.4	15	42.4	11	48.9	9	20.1	11	41.4	2	37.7	11	38.5	7	53.8	25	20.0	16	24.7
7 M	3	0 17.0	16	40.5	11	45.7	21	20.7	11	5.2	3	45.3	12	23.2	8	4.5	25	20.1	16	23.1
8 T	3	4 13.5	17	38.5	11	42.5	3	17.0	10	30.8	4	52.9	13	7.9	8	15.3	25	19.7	16	21.4
9 W	3	8 10.1	18	36.5	11	39.3	15	10.8	9	58.9	6	0.6	13	5.2	8	26.1	25	19.3	16	19.7
10 T	3	12 6.2	19	34.5	11	36.2	27	3.4	9	29.8	7	8.5	14	37.3	8	37.1	25	18.8	16	18.0
11 F	3	16 3.2	20	32.5	11	33.0	8	56.1	9	4.1	8	16.5	15	21.9	8	48.1	25	18.2	16	16.4
12 S	3	19 59.7	21	30.4	11	29.8	8	42.0	8	42.0	9	24.6	16	6.6	8	59.1	25	17.5	16	14.7
13 S	3	23 56.3	22	28.3	11	26.6	2	49.2	8	24.0	10	32.7	16	51.2	9	10.3	25	16.7	16	13.0
14 M	3	27 52.9	23	26.2	11	23.5	14	54.2	8	10.1	11	41.0	9	21.5	25	15.8	9	12.3	14	11.3
15 T	3	31 49.5	24	24.0	11	20.3	27	9.2	8	0.7	12	49.4	18	20.3	9	32.8	25	14.9	16	9.7
16 W	3	35 46.0	25	21.9	11	17.1	9	38.1	7	56.7	13	57.9	28	14.9	9	44.2	26	13.8	9	8.0
17 T	3	39 42.5	26	19.7	11	13.9	22	25.3	7	55.4	15	6.5	19	49.4	9	55.7	25	12.6	9	6.3
18 F	3	43 38.1	27	17.5	11	10.8	5	34.9	7	58.6	16	15.2	20	33.9	10	7.2	25	11.4	16	4.7
19 S	3	47 35.6	28	15.3	11	7.6	19	10.6	8	8.4	17	23.9	21	18.4	10	18.8	25	10.0	9	3.1
20 S	3	51 32.2	29	13.0	11	4.4	3	14.5	8	21.7	18	32.8	22	2.8	10	30.5	25	8.6	9	2.9
21 M	3	55 28.8	30	10.8	11	1.2	17	45.9	8	39.5	19	41.7	22	47.2	10	42.3	25	7.1	9	1.2
22 T	3	59 25.3	1	8.5	10	58.0	2	41.1	9	1.7	20	50.7	23	31.6	10	54.1	25	5.4	8	59.5
23 W	4	3 21.9	2	6.2	10	54.9	9	28.1	21	59.8	24	15.9	11	5.9	25	3.7	8	57.8	14	56.6
24 T	4	7 18.4	3	3.9	10	51.7	3	10.7	9	58.8	23	9.0	25	0.2	11	17.9	25	1.9	8	55.0
25 F	4	11 15.0	4	1.6	10	48.5	18	23.6	10	33.5	24	18.3	25	44.5	11	29.9	24	60.0	8	54.1
26 S	4	15 11.5	4	59.2	10	45.3	3	92.1	11	12.1	25	27.6	26	28.7	11	42.0	24	58.0	8	52.3
27 S	4	19 8.1	5	56.8	10	42.2	17	55.1	11	54.6	26	37.0	27	12.8	11	54.1	24	55.9	8	50.4
28 M	4	23 4.7	6	54.5	10	39.0	24	17.2	12	40.9	27	46.4	27	57.0	12	6.3	24	53.8	8	48.5
29 T	4	27 1.2	7	52.3	10	35.8	13	30.7	13	30.7	28	51.8	28	41.9	13	18.5	25	48.8	8	46.8
30 W	4	30 57.8	8	49.9	10	32.6	28	56.8	14	24.1	0	5.5	29	25.1	12	30.8	24	49.8	8	44.8
31 T	4	34 54.3	9	47.2	10	29.5	11	38.0	15	20.9	1	15.2	0	9.1	12	43.2	24	46.8	8	42.6

DECLINATION at NOON																				
DAY	1 F	2 W	3 T	4 F	5 S	6 S	7 M	8 T	9 W	10 T	11 F	12 S	13 S	14 M	15 T	16 W	17 T	18 F	19 S	20 S
1 F	2	36 37.6	15	N 5.1	17	S 10.4	19	N 5.1	17	N 23.6	25	S 16.2	23	N 21.3	20	S 54.5	23	S 25.8	21	S 47.3
2 W	2	48 27.3	15	N 58.4	17	S 10.4	13	N 13.1	3	N 24.2	16	N 2.9	1	N 5.5	9	N 15.2	23	N 21.3	20	N 23.5
3 T	2	44 30.7	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
4 F	2	48 27.3	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
5 S	2	52 23.8	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
6 S	2	56 20.4	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
7 M	3	0 17.0	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
8 T	3	4 13.5	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
9 W	3	8 10.1	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
10 T	3	12 6.2	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
11 F	3	16 3.2	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
12 S	3	19 59.7	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
13 S	3	23 56.3	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
14 M	3	27 52.9	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
15 T	3	31 49.5	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
16 W	3	35 46.0	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
17 T	3	39 42.5	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
18 F	3	43 38.1	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
19 S	3	47 35.6	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
20 S	3	51 32.2	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
21 M	3	55 28.8	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
22 T	3	59 25.3	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
23 W	4	3 21.9	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
24 T	4	7 18.4	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
25 F	4	11 15.0	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
26 S	4	15 11.5	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
27 S	4	19 8.1	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
28 M	4	23 4.7	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
29 T	4	27 1.2	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
30 W	4	30 57.8	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7
31 T	4	34 54.3	16	N 49.3	17	S 15.7	12	N 40.2	13	N 21.8	1	N 20.6	7	N 36.2	23	N 17.9	20	N 55.2	23	N 25.7

JUNE 1990

LONGITUDE at NOON																				
DAY	1 F	2 W	3 T	4 F	5 S	6 S	7 M	8 T	9 W	10 T	11 F	12 S	13 S	14 M	15 T	16 W	17 T	18 F	19 S	20 S
1 F	4	38 50.9	10	X 44.7	10	26.3	24	W 6.1	16	W 21.0	2	W 24.9	0	W 53.1	12	W 55.6	24	W 44.4	8	W 40.5
2 S	4	42 47.4	11	42.2	10	23.1	6	19.5	17	24.4	3	34.6	1	36.9	13	8.0	24	R 41.		

SEPTEMBER 1990

Table for September 1990 showing astronomical data including longitude at noon, declination at noon, and various planetary positions for each day of the month.

Table for September 1990 showing declination at noon for each day of the month.

OCTOBER 1990

Table for October 1990 showing astronomical data including longitude at noon, declination at noon, and various planetary positions for each day of the month.

Table for October 1990 showing declination at noon for each day of the month.

NOVEMBER 1990

Table for November 1990 showing astronomical data including longitude at noon, declination at noon, and various planetary positions for each day of the month.

Table for November 1990 showing declination at noon for each day of the month.

DECEMBER 1990

Table for December 1990 showing astronomical data including longitude at noon, declination at noon, and various planetary positions for each day of the month.

Table for December 1990 showing declination at noon for each day of the month.