

A sample page from: The New American Ephemeris, 2007-2020

by Rique Pottenger. Based on the earlier work of Neil Michelsen

Daily longitudes for: Sun, Mean Node, True Node, Mercury, Venus, Mars, Ceres, Jupiter, Saturn, Chiron, Uranus, Neptune & Pluto.

Daily Declinations & Latitudes for: Sun, Mercury, Venus, Mars, Ceres, Jupiter & Saturn.

Every 12 hours: The Moon's longitude, latitude & declination

Every 5 days: Longitudes of Pallas, Juno, Vesta.

Declination & Latitude of Chiron, Uranus, Neptune, Pluto, Pallas, Juno, Vesta, Eris

Monthly: Julian Day. Obliquity. SVP on Aldebaran. Galactic Center. Longitude for Eris.

Moon's phases. Date/time of Moon's maximum & minimum declination (N/S) & equatorial crossings.

Moon's void of course & sign ingress

Daily Aspectarian, which includes Chiron & Ceres. Times are 24h clock, not am/pm, as in earlier ACS editions.

December 2020

LONGITUDE

Day	Sid. Time	☉	☽	☾ 12 hour	Mean ♀	True ♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	1st of Month
1 Tu	4 41 14	9 14 43	15 56 35	22 02 11	20 29.9	19 53.3	28 42.5	11 42.2	17 03.2	3 42.2	26 08.8	28 24.3	5 02.6	7 31.0	18 09.8	23 16.1	Julian Day # 2459184.5									
2 W	4 45 11	10 15 31	28 10 06	4 20 30	20 26.7	19 53.3	0 16.1	12 56.8	17 15.8	3 55.3	26 20.6	28 29.8	5 01.8	7 29.0	18 09.9	23 17.6	Obliquity 23°26'13"									
3 Th	4 49 07	11 16 21	10 33 37	16 49 38	20 23.5	19 53.9	1 49.7	14 11.4	17 29.0	4 08.7	26 32.5	28 35.3	5 01.1	7 27.1	18 10.0	23 19.2	SVP 4 45 58.21"									
4 F	4 53 04	12 17 11	23 08 47	29 31 16	20 20.3	19 54.6	3 23.4	15 26.0	17 42.7	4 22.4	26 44.4	28 40.9	5 00.4	7 25.2	18 10.2	23 20.8	GC 27 47 07.9									
5 Sa	4 57 00	13 18 03	5 57 19	12 27 10	20 17.2	19 55.4	4 57.1	16 40.7	17 57.1	4 36.2	26 56.5	28 46.6	4 59.8	7 23.3	18 10.4	23 22.4	Eris 23 35.9R									
6 Su	5 00 57	14 18 57	19 01 02	25 39 09	20 14.0	19 56.0	6 30.8	17 55.4	18 12.0	4 50.2	27 08.6	28 52.3	4 59.2	7 21.5	18 10.6	23 24.0	Day ♀									
7 M	5 04 53	15 19 51	2 01 41	9 08 49	20 10.8	19 56.4	8 04.5	19 10.1	18 27.5	5 04.5	27 20.8	28 58.1	4 58.7	7 19.7	18 10.9	23 25.7	♂									
8 Tu	5 08 50	16 20 47	16 00 39	22 57 14	20 07.6	19 56.5	9 38.3	20 24.9	18 43.4	5 18.9	27 33.1	29 03.9	4 58.2	7 17.9	18 11.2	23 27.3	♂									
9 W	5 12 47	17 21 44	29 58 32	7 04 26	20 04.5	19 56.4	11 12.1	21 39.7	19 00.0	5 33.6	27 45.4	29 09.8	4 57.8	7 16.1	18 11.5	23 29.0	♂									
10 Th	5 16 43	18 22 42	14 14 43	21 29 01	20 01.3	19 56.3	12 45.9	22 54.5	19 17.0	5 48.4	27 57.9	29 15.7	4 57.4	7 14.4	18 11.8	23 30.7	♂									
11 F	5 20 40	19 23 42	28 46 54	6 07 46	19 58.1	19 56.2	14 19.8	24 09.3	19 34.5	6 03.5	28 10.4	29 21.7	4 57.1	7 12.8	18 12.2	23 32.4	♂									
12 Sa	5 24 36	20 24 43	13 00 55	20 55 34	19 54.9	19 56.2	15 53.7	25 24.2	19 52.6	6 18.7	28 22.9	29 27.7	4 56.9	7 11.2	18 12.7	23 34.1	♂									
13 Su	5 28 33	21 25 44	28 20 50	5 45 47	19 51.8	19 56.3	17 27.7	26 39.0	20 11.1	6 34.2	28 35.6	29 33.8	4 56.7	7 09.6	18 13.1	23 35.8	♂									
14 M	5 32 29	22 26 47	13 09 28	20 30 56	19 48.6	19 56.4	19 01.7	27 53.9	20 30.1	6 49.8	28 48.3	29 40.0	4 56.6	7 08.1	18 13.6	23 37.6	♂									
15 Tu	5 36 26	23 27 51	27 49 17	5 03 42	19 45.4	19 56.4	20 35.9	29 08.9	20 49.6	7 05.6	29 01.1	29 46.1	4 56.5	7 06.6	18 14.2	23 39.4	♂									
16 W	5 40 22	24 28 55	12 13 27	19 17 58	19 42.2	19 56.1	22 10.1	0 23.8	21 09.5	7 21.6	29 13.9	29 52.4	4 56.5	7 05.1	18 14.7	23 41.2	♂									
17 Th	5 44 19	25 30 00	26 16 45	3 09 30	19 39.1	19 55.6	23 44.5	1 38.8	21 29.9	7 37.8	29 26.8	29 58.7	4 56.5	7 03.7	18 15.4	23 43.0	♂									
18 F	5 48 16	26 31 06	9 05 56	16 36 18	19 35.9	19 54.9	25 19.0	2 53.7	21 50.7	7 54.1	29 39.8	0 05.0	4 56.6	7 02.3	18 16.0	23 44.8	♂									
19 Sa	5 52 12	27 32 11	23 10 26	29 38 36	19 32.7	19 53.9	26 53.6	4 08.7	22 11.9	8 10.6	29 52.8	0 11.4	4 56.7	7 01.0	18 16.7	23 46.6	♂									
20 Su	5 56 09	28 33 17	6 01 07	12 18 24	19 29.5	19 53.0	28 28.4	5 23.7	22 33.6	8 27.3	0 05.9	0 17.8	4 56.9	6 59.7	18 17.4	23 48.4	♂									
21 M	6 00 05	29 34 23	18 30 54	24 39 07	19 26.3	19 52.4	0 03.4	6 38.7	22 55.6	8 44.2	0 19.1	0 24.2	4 57.2	6 58.5	18 18.1	23 50.3	♂									
22 Tu	6 04 02	0 35 30	0 43 38	6 45 01	19 23.0	19 52.1	1 38.6	7 53.8	23 18.0	9 01.2	0 32.3	0 30.7	4 57.5	6 57.3	18 18.9	23 52.1	♂									
23 W	6 07 58	1 36 37	12 43 52	18 40 48	19 20.2	19 52.4	3 13.9	9 08.8	23 40.8	9 18.3	0 45.5	0 37.2	4 57.8	6 56.1	18 19.7	23 54.0	♂									
24 Th	6 11 55	2 37 43	24 36 23	0 31 14	19 16.8	19 53.2	4 49.5	10 23.8	24 04.0	9 35.7	0 58.8	0 43.8	4 58.2	6 55.0	18 20.5	23 55.9	♂									
25 F	6 15 51	3 38 50	6 25 54	12 20 56	19 13.6	19 54.5	6 25.3	11 38.9	24 27.5	9 53.1	1 12.2	0 50.4	4 58.7	6 54.0	18 21.4	23 57.8	♂									
26 Sa	6 19 48	4 39 58	18 16 50	24 14 05	19 10.5	19 55.9	8 01.3	12 54.0	24 51.4	10 10.8	1 25.6	0 57.0	4 59.2	6 53.0	18 22.3	23 59.7	♂									
27 Su	6 23 45	5 41 05	0 13 07	6 14 20	19 07.3	19 57.2	9 37.6	14 09.1	25 15.6	10 28.5	1 39.0	1 03.7	4 59.8	6 52.0	18 23.2	24 01.6	♂									
28 M	6 27 41	6 42 13	12 18 04	18 24 36	19 04.1	19 58.1	11 14.1	15 24.1	25 40.0	11 46.5	1 52.5	1 10.4	5 00.5	6 51.1	18 24.2	24 03.5	♂									
29 Tu	6 31 38	7 43 20	24 34 12	0 57 03	19 00.9	19 58.2	12 50.9	16 39.2	26 05.0	11 04.5	2 06.1	1 17.1	5 01.2	6 50.2	18 25.2	24 05.5	♂									
30 W	6 35 34	8 44 28	7 03 18	13 23 02	18 57.8	19 57.3	14 28.0	17 54.4	26 30.2	11 22.7	2 19.7	1 23.9	5 01.9	6 49.4	18 26.2	24 07.4	♂									
31 Th	6 39 31	9 45 36	19 46 19	26 13 08	18 54.6	19 55.5	16 10.5	19 09.5	26 55.7	11 41.1	2 33.3	1 30.7	5 02.7	6 48.7	18 27.3	24 09.3	♂									

DECLINATION AND LATITUDE

Day	☉	☽	☾ 12h	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Eris			
1 Tu	21S50	22N20	0S22	23N24	19S20	0N33	13S47	1N39	6N39	0S03	20S14	10S51	21S22	0S28	20S50	0S22	1	4N26	2N39	13N35	0S28	5S41	1S06	22S34	1S09	
2 W	21 59 24	22 11 04	0 24 41	19 47 07	0 26 14	10 1 38	6 46 00	20 06 10	48 21 20	0 28 20	49 0 22	6 4	24	2 38	13 32	0 28	5 41	1 06	22 33	1 10						
3 Th	22 08 24	23 11 52	24 46 20	13 0 19	14 34 1 36	6 54 00	02 19 58	10 44 21	18 0 28	20 48 0 22	11 4	22	2 37	13 29	0 28	5 40	1 05	22 32	1 11							
4 F	22 16 24	24 19 52	24 33 30	0 12 14	15 47 1 35	7 01 04	19 50 10	41 21	16 0 28	20 47 0 22	16 4	20	2 36	13 27	0 27	5 39	1 05	22 31	1 11							
5 Sa	22 24 22	25 28 49	21 06 21	02 05 15	19 1 34	7 09 07	19 42 10	38 21	14 0 28	20 46 0 22	21 4	20	2 35	13 25	0 27	5 38	1 05	22 30	1 11							
6 Su	22 31 19	26 4 33	17 30 21	25 0S02	15 41 1 33	7 17 09	19 33 10	35 21	11 0 28	20 44 0 22	26 31	4N21	2N33	13N22	0S27	5S34	1S05	22S29	1S12							
7 M	22 38 15	20 5 03	12 57 21	48 0 09	16 03 1 31	7 24 11	19 25 10	32 21	09 0 28	20 43 0 22																
8 Tu	22 44 10	23 5 17	7 39 22	09 15 16	25 1 30	7 33 13	19 17 10	29 21	07 0 28	20 42 0 22																
9 W	22 50 5 47	5 13 1 50	22 29 0	22 16 46	1 28 7 41	16 19 09	10 26 21	04 0 28	20 41 0 22																	
10 Th	22 56 15	10 4 50	4S11	22 48 0	29 17 06	1 26 7 49	18 19 00	10 23 02	0 28	20 40 0 22																
11 F	23 01 7 11	4 08 10 06	23 06 35	17 26 1 25	7 58 20	18 52 10	20 59 28	20 59 28	39 0 22																	
12 Sa	23 05 12 53	3 09 15 30	23 03 41	17 46 1 23	8 06 22	18 43 10	17 20 57	28 20 37	0 22																	
13 Su	23 10 17 53	1 57 19 59	23 38 0 48	18 05 1 21	8 15 24	18 35 10	14 20 54	0 28	20 36 0 22																	
14 M	23 13 21 45	0 38 23 09	23 53 0 54	18 24 1 19	8 24 25	18 26 10	11 50 52	0 28	20 35 0 22																	
15 Tu	23 17 24 09	0S44	24 43 24	06 0 60	18 42 1 17	8 33 27	18 17 10	08 20 49	0 28	20 34 0 22																
16 W	23 19 24 53	0 2 22 37	24																							