

January 2023

Tropical Midnight Ephemeris

Time Zone: EST (05:00 East)

Day	☉	☽	+12 Hr	True♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋
01 Su	10 ♀ 2947	06 ♂ 1736	12 ♂ 3531	11 ♂ 45 _D	23 ♀ 36 _R	27 ♀ 39 _D	09 ♀ 02 _R	01 ♀ 13 _D	22 ♀ 26 _D	15 ♂ 09 _R	22 ♀ 52 _D	27 ♀ 40 _D				
02 Mo	11 3055	18 4950	25 0059	11 45 _R	22 57	28 54	08 53	01 20	22 32	15 08	22 53	27 42				
03 Tu	12 3203	01 ♀ 0925	07 ♀ 1529	11 43	22 07	00 ♀ 09	08 45	01 28	22 38	15 07	22 54	27 44				
04 We	13 3312	13 1933	19 2155	11 38	21 07	01 24	08 37	01 36	22 45	15 06	22 55	27 46				
05 Th	14 3420	25 2250	01 ♀ 2233	11 31	19 58	02 39	08 31	01 43	22 51	15 05	22 57	27 48				
06 Fr	15 3528	07 ♀ 2115	13 1907	11 21	18 43	03 54	08 25	01 51	22 57	15 04	22 58	27 49				
07 Sa	16 3636	19 1619	25 1300	11 09	17 24	05 09	08 20	02 00	23 03	15 03	22 59	27 51				
08 Su	17 3743	01 ♀ 0920	07 ♀ 0528	10 55	16 03	06 24	08 16	02 08	23 10	15 02	23 00	27 53				
09 Mo	18 3851	13 0135	18 5755	10 42	14 43	07 39	08 13	02 16	23 16	15 01	23 01	27 55				
10 Tu	19 3958	24 5440	00 ♀ 5209	10 30	13 27	08 54	08 11	02 25	23 22	15 01	23 02	27 57				
11 We	20 4106	06 ♀ 5041	12 5037	10 19	12 17	10 09	08 09	02 33	23 29	15 00	23 04	27 59				
12 Th	21 4213	18 5223	24 5625	10 12	11 13	11 24	08 08	02 42	23 35	14 59	23 05	28 01				
13 Fr	22 4320	01 ♀ 0313	07 ♀ 1321	10 07	10 19	12 39	08 08 _D	02 51	23 42	14 59	23 06	28 03				
14 Sa	23 4427	13 2720	19 4548	10 05	09 34	13 54	08 08	03 00	23 48	14 58	23 08	28 05				
15 Su	24 4534	26 0918	02 ♀ 3826	10 05 _D	08 58	15 09	08 10	03 10	23 55	14 58	23 09	28 07				
16 Mo	25 4641	09 ♀ 1343	15 5539	10 05	08 32	16 24	08 12	03 19	24 02	14 58	23 10	28 09				
17 Tu	26 4748	22 4436	29 4052	10 04 _R	08 16	17 39	08 15	03 28	24 08	14 57	23 12	28 11				
18 We	27 4854	06 ♀ 4432	13 ♀ 5534	10 02	08 09	18 54	08 18	03 38	24 15	14 57	23 13	28 13				
19 Th	28 5001	21 1339	28 3816	09 57	08 10 _D	20 09	08 23	03 48	24 22	14 57	23 15	28 15				
20 Fr	29 5107	06 ♀ 0839	13 ♀ 4347	09 49	08 19	21 24	08 28	03 58	24 29	14 57	23 16	28 17				
21 Sa	00 ♀ 5213	21 2227	29 0315	09 39	08 36	22 39	08 34	04 08	24 36	14 57	23 18	28 19				
22 Su	01 5318	06 ♀ 4441	14 ♀ 2512	09 27	08 59	23 54	08 40	04 18	24 42	14 56	23 19	28 21				
23 Mo	02 5422	22 0320	29 3740	09 16	09 29	25 09	08 47	04 28	24 49	14 56 _D	23 21	28 23				
24 Tu	03 5525	07 ♀ 0701	14 ♀ 3023	09 06	10 04	26 23	08 55	04 39	24 56	14 56	23 23	28 25				
25 We	04 5627	21 4700	28 5624	08 58	10 44	27 38	09 03	04 49	25 03	14 57	23 24	28 27				
26 Th	05 5729	05 ♀ 5818	12 ♀ 5240	08 53	11 28	28 53	09 12	05 00	25 10	14 57	23 26	28 29				
27 Fr	06 5829	19 3938	26 1931	08 50	12 17	00 ♀ 08	09 22	05 10	25 17	14 57	23 27	28 31				
28 Sa	07 5928	02 ♂ 5245	09 ♂ 1949	08 50	13 10	01 22	09 32	05 21	25 24	14 57	23 29	28 33				
29 Su	09 0026	15 4117	21 5746	08 50	14 06	02 37	09 43	05 32	25 31	14 57	23 31	28 34				
30 Mo	10 0123	28 0952	04 ♀ 1811	08 49	15 05	03 52	09 55	05 43	25 38	14 58	23 33	28 36				
31 Tu	11 0218	10 ♀ 2320	16 2550	08 46	16 06	05 06	10 07	05 54	25 45	14 58	23 34	28 38				

Planetary Data

Ingresses		Day	Time
♋	♌	2	9:09 PM
♌	♍	20	3:29 AM
♍	♎	26	9:32 PM
Stations		Day	Time
♏ _D		12	3:56 PM
♌ _D		18	8:12 AM
♈ _D		22	5:58 PM

Lunar Ingresses & Void Moons

Ingresses		Day	Time
♋		29	5:36 AM
♌		31	12:09 PM
♍		2	9:44 PM
♎		5	9:15 AM
♏		7	9:40 PM
♐		10	10:16 AM
♑		12	9:57 PM
♒		15	7:09 AM
♓		17	12:33 PM
♈		19	2:12 PM
♉		21	1:29 PM
♊		23	12:35 PM
♋		25	1:47 PM
♌		27	6:43 PM
♍		30	3:34 AM

Void Times		Day	Time	Last Aspect
		31	7:44 AM	♋ ♌
		2	5:17 PM	♌ ♍
		4	7:08 PM	♍ ♎
		7	5:23 PM	♎ ♏
		9	8:53 PM	♏ ♐
		12	6:06 PM	♐ ♑
		15	3:39 AM	♑ ♒
		17	9:27 AM	♒ ♓
		19	5:08 AM	♓ ♈
		21	10:53 AM	♈ ♉
		23	5:19 AM	♉ ♊
		25	11:11 AM	♊ ♋
		27	4:01 PM	♋ ♌
		30	12:52 AM	♌ ♍

Phases & Eclipses

Lunar Phases		Day	Time
☾		6	6:08 PM
☽		14	9:11 PM
☀		21	3:54 PM
☾		28	10:19 AM

Solar Eclipses		Day	Time
~ None ~			

Lunar Eclipses		Day	Time
~ None ~			

February 2023

Tropical Midnight Ephemeris

Time Zone: EST (05:00 East)

Day	☉	☽	+12 Hr	True♋	♀	♊	♈	♄	♃	♅	♆	♇	♁
01 We	12 ♋ 03:13	22 ♀ 26:13	28 ♀ 24:57	08 ♀ 41:R	17 ♃ 11:0	06 ♃ 21:0	10 ♀ 19:0	06 ♃ 06:0	25 ♋ 53:0	14 ♀ 59:0	23 ♃ 36:0	28 ♃ 40:0	
02 Th	13 ♋ 04:06	04 ♄ 22:28	10 ♄ 19:08	08 ♀ 33	18 ♀ 18	07 ♀ 35	10 ♀ 32	06 ♀ 17	26 ♀ 00	14 ♀ 59	23 ♀ 38	28 ♀ 42	
03 Fr	14 ♋ 04:58	16 ♀ 15:17	22 ♀ 11:12	08 ♀ 22	19 ♀ 26	08 ♀ 50	10 ♀ 46	06 ♀ 28	26 ♀ 07	15 ♀ 00	23 ♀ 40	28 ♀ 44	
04 Sa	15 ♋ 05:49	28 ♀ 07:08	04 ♃ 03:16	08 ♀ 08	20 ♀ 37	10 ♀ 04	11 ♀ 00	06 ♀ 40	26 ♀ 14	15 ♀ 00	23 ♀ 42	28 ♀ 46	
05 Su	16 ♋ 06:38	09 ♃ 59:48	15 ♀ 56:53	07 ♀ 53	21 ♀ 50	11 ♀ 19	11 ♀ 15	06 ♀ 52	26 ♀ 21	15 ♀ 01	23 ♀ 44	28 ♀ 48	
06 Mo	17 ♋ 07:27	21 ♀ 54:40	27 ♀ 53:17	07 ♀ 38	23 ♀ 04	12 ♀ 33	11 ♀ 30	07 ♀ 03	26 ♀ 28	15 ♀ 02	23 ♀ 46	28 ♀ 50	
07 Tu	18 ♋ 08:14	03 ♄ 52:52	09 ♄ 53:37	07 ♀ 25	24 ♀ 20	13 ♀ 48	11 ♀ 46	07 ♀ 15	26 ♀ 36	15 ♀ 03	23 ♀ 47	28 ♀ 52	
08 We	19 ♋ 09:00	15 ♀ 55:41	21 ♀ 59:17	07 ♀ 13	25 ♀ 38	15 ♀ 02	12 ♀ 02	07 ♀ 27	26 ♀ 43	15 ♀ 03	23 ♀ 49	28 ♀ 54	
09 Th	20 ♋ 09:45	28 ♀ 04:41	04 ♀ 12:09	07 ♀ 04	26 ♀ 57	16 ♀ 16	12 ♀ 19	07 ♀ 39	26 ♀ 50	15 ♀ 04	23 ♀ 51	28 ♀ 55	
10 Fr	21 ♋ 10:28	10 ♀ 22:02	16 ♀ 34:41	06 ♀ 59	28 ♀ 17	17 ♀ 30	12 ♀ 36	07 ♀ 51	26 ♀ 57	15 ♀ 05	23 ♀ 53	28 ♀ 57	
11 Sa	22 ♋ 11:11	22 ♀ 50:32	29 ♀ 09:59	06 ♀ 56	29 ♀ 38	18 ♀ 45	12 ♀ 53	08 ♀ 03	27 ♀ 04	15 ♀ 06	23 ♀ 55	28 ♀ 59	
12 Su	23 ♋ 11:53	05 ♄ 33:33	12 ♄ 01:40	06 ♀ 55	01 ♋ 01	19 ♀ 59	13 ♀ 11	08 ♀ 16	27 ♀ 12	15 ♀ 07	23 ♀ 57	29 ♀ 01	
13 Mo	24 ♋ 12:33	18 ♀ 34:50	25 ♀ 13:30	06 ♀ 55:0	02 ♀ 25	21 ♀ 13	13 ♀ 29	08 ♀ 28	27 ♀ 19	15 ♀ 08	23 ♀ 59	29 ♀ 03	
14 Tu	25 ♋ 13:13	01 ♃ 58:04	08 ♃ 48:52	06 ♀ 55:R	03 ♀ 50	22 ♀ 27	13 ♀ 48	08 ♀ 40	27 ♀ 26	15 ♀ 09	24 ♀ 01	29 ♀ 05	
15 We	26 ♋ 13:51	15 ♀ 46:08	22 ♀ 49:58	06 ♀ 54	05 ♀ 15	23 ♀ 41	14 ♀ 07	08 ♀ 53	27 ♀ 33	15 ♀ 11	24 ♀ 03	29 ♀ 06	
16 Th	27 ♋ 14:29	00 ♃ 00:18	07 ♃ 16:52	06 ♀ 50	06 ♀ 42	24 ♀ 55	14 ♀ 26	09 ♀ 05	27 ♀ 41	15 ♀ 12	24 ♀ 06	29 ♀ 08	
17 Fr	28 ♋ 15:05	14 ♀ 39:13	22 ♀ 06:39	06 ♀ 44	08 ♀ 11	26 ♀ 09	14 ♀ 46	09 ♀ 18	27 ♀ 48	15 ♀ 13	24 ♀ 08	29 ♀ 10	
18 Sa	29 ♋ 15:40	29 ♀ 38:16	07 ♋ 12:59	06 ♀ 35	09 ♀ 40	27 ♀ 23	15 ♀ 07	09 ♀ 31	27 ♀ 55	15 ♀ 14	24 ♀ 10	29 ♀ 12	
19 Su	00 ♃ 16:13	14 ♋ 49:31	22 ♀ 26:32	06 ♀ 25	11 ♀ 10	28 ♀ 37	15 ♀ 27	09 ♀ 44	28 ♀ 03	15 ♀ 16	24 ♀ 12	29 ♀ 13	
20 Mo	01 ♋ 16:46	00 ♃ 02:37	07 ♃ 36:24	06 ♀ 14	12 ♀ 41	29 ♀ 51	15 ♀ 48	09 ♀ 56	28 ♀ 10	15 ♀ 17	24 ♀ 14	29 ♀ 15	
21 Tu	02 ♋ 17:16	15 ♀ 06:34	22 ♀ 31:59	06 ♀ 05	14 ♀ 13	01 ♃ 05	16 ♀ 09	10 ♀ 09	28 ♀ 17	15 ♀ 19	24 ♀ 16	29 ♀ 17	
22 We	03 ♋ 17:45	29 ♀ 51:42	07 ♃ 04:58	05 ♀ 58	15 ♀ 46	02 ♀ 19	16 ♀ 31	10 ♀ 22	28 ♀ 24	15 ♀ 20	24 ♀ 18	29 ♀ 19	
23 Th	04 ♋ 18:12	14 ♃ 11:15	21 ♀ 10:16	05 ♀ 54	17 ♀ 19	03 ♀ 32	16 ♀ 53	10 ♀ 35	28 ♀ 31	15 ♀ 22	24 ♀ 20	29 ♀ 20	
24 Fr	05 ♋ 18:37	28 ♀ 01:56	04 ♀ 46:19	05 ♀ 52	18 ♀ 54	04 ♀ 46	17 ♀ 15	10 ♀ 48	28 ♀ 39	15 ♀ 23	24 ♀ 23	29 ♀ 22	
25 Sa	06 ♋ 19:00	11 ♀ 23:42	17 ♀ 54:26	05 ♀ 51:0	20 ♀ 30	06 ♀ 00	17 ♀ 38	11 ♀ 02	28 ♀ 46	15 ♀ 25	24 ♀ 25	29 ♀ 24	
26 Su	07 ♋ 19:21	24 ♀ 19:00	00 ♀ 37:57	05 ♀ 52	22 ♀ 07	07 ♀ 13	18 ♀ 01	11 ♀ 15	28 ♀ 53	15 ♀ 27	24 ♀ 27	29 ♀ 25	
27 Mo	08 ♋ 19:41	06 ♀ 51:52	13 ♀ 01:23	05 ♀ 53	23 ♀ 45	08 ♀ 27	18 ♀ 24	11 ♀ 28	29 ♀ 00	15 ♀ 29	24 ♀ 29	29 ♀ 27	
28 Tu	09 ♋ 19:58	19 ♀ 07:09	25 ♀ 09:46	05 ♀ 52:R	25 ♀ 24	09 ♀ 40	18 ♀ 48	11 ♀ 42	29 ♀ 08	15 ♀ 30	24 ♀ 31	29 ♀ 28	
01 We	10 ♋ 20:14	01 ♄ 09:51	07 ♄ 07:59	05 ♀ 50	27 ♀ 03	10 ♀ 54	19 ♀ 12	11 ♀ 55	29 ♀ 15	15 ♀ 32	24 ♀ 34	29 ♀ 30	
02 Th	11 ♋ 20:28	13 ♀ 04:44	19 ♀ 00:37	05 ♀ 45	28 ♀ 44	12 ♀ 07	19 ♀ 36	12 ♀ 08	29 ♀ 22	15 ♀ 34	24 ♀ 36	29 ♀ 32	
03 Fr	12 ♋ 20:39	24 ♀ 56:05	00 ♃ 51:35	05 ♀ 38	00 ♃ 26	13 ♀ 20	20 ♀ 00	12 ♀ 22	29 ♀ 29	15 ♀ 36	24 ♀ 38	29 ♀ 33	

Planetary Data

Ingresses		Day	Time
♀ ♋		11	6:22 AM
☉ ♃		18	5:34 PM
♀ ♃		20	2:55 AM
♀ ♃		2	5:51 PM

Stations		Day	Time
~ None ~			

Lunar Ingresses & Void Moons

Ingresses		Day	Time
♀		30	3:34 AM
♄		1	3:12 PM
♃		4	3:49 AM
♄		6	4:14 PM
♅		9	3:46 AM
♄		11	1:35 PM
♃		13	8:30 PM
♄		16	12:00 AM
♋		18	12:34 AM
♃		19	11:55 PM
♃		22	12:14 AM
♂		24	3:29 AM
♀		26	10:47 AM
♄		28	9:41 PM
♃		3	10:16 AM

Void Times		Day	Time	Last Aspect
1	6:58 AM	♂	♃	
4	1:19 AM	♂	♀	
6	9:16 AM	♂	♃	
9	1:40 AM	♂	♀	
11	11:42 AM	♂	♀	
13	6:52 PM	♂	♀	
15	8:05 PM	♂	♃	
17	11:18 PM	♂	♀	
19	9:00 PM	♂	♃	
21	11:05 PM	♂	♀	
24	2:22 AM	♂	♀	
26	9:43 AM	♂	♀	
28	8:07 PM	♂	♃	
3	9:23 AM	♂	♀	

Phases & Eclipses

Lunar Phases		Day	Time
5	1:29 PM	☉	16 ♃ 41
13	11:01 AM	☽	24 ♄ 40
20	2:05 AM	●	01 ♃ 22
27	3:06 AM	☽	08 ♀ 27

Solar Eclipses		Day	Time
~ None ~			

Lunar Eclipses		Day	Time
~ None ~			

March 2023

Tropical Midnight Ephemeris

Time Zone: EDT (04:00 East)

Day	☉	☽	+12 Hr	True♋	♀	♊	♈	♉	♊	♋	♌	♍	♎
01 We	10 ♀ 1743	00 ♄ 3955	06 ♄ 3812	05 ♂ 50 _R	26 ♃ 59 _D	10 ♀ 51 _D	19 ♀ 11 _D	11 ♀ 54 _D	29 ♃ 14 _D	15 ♂ 32 _D	24 ♀ 33 _D	29 ♃ 30 _D	
02 Th	11 1757	12 3503	18 3059	05 45	28 40	12 04	19 35	12 08	29 22	15 34	24 36	29 32	
03 Fr	12 1809	24 2628	00 ♀ 2156	05 38	00 ♀ 22	13 17	19 59	12 21	29 29	15 36	24 38	29 33	
04 Sa	13 1818	06 ♀ 1747	12 1419	05 29	02 05	14 30	20 24	12 35	29 36	15 38	24 40	29 35	
05 Su	14 1826	18 1151	24 1038	05 20	03 49	15 44	20 48	12 49	29 43	15 40	24 42	29 36	
06 Mo	15 1831	00 ♄ 1051	06 ♄ 1243	05 09	05 34	16 57	21 14	13 02	29 50	15 42	24 45	29 38	
07 Tu	16 1835	12 1621	18 2155	05 00	07 20	18 10	21 39	13 16	29 57	15 44	24 47	29 39	
08 We	17 1837	24 2930	00 ♄ 3915	04 52	09 07	19 23	22 04	13 30	00 ♀ 04	15 46	24 49	29 41	
09 Th	18 1837	06 ♄ 5116	13 0541	04 46	10 55	20 36	22 30	13 43	00 11	15 48	24 51	29 42	
10 Fr	19 1835	19 2239	25 4220	04 43	12 45	21 48	22 56	13 57	00 18	15 51	24 54	29 43	
11 Sa	20 1831	02 ♄ 0455	08 ♄ 3037	04 42	14 35	23 01	23 23	14 11	00 25	15 53	24 56	29 45	
12 Su	21 1826	14 5940	21 3219	04 42 _D	16 27	24 14	23 49	14 25	00 32	15 55	24 58	29 46	
13 Mo	22 1819	28 0849	04 ♀ 4925	04 43	18 20	25 26	24 16	14 39	00 39	15 57	25 01	29 47	
14 Tu	23 1810	11 ♀ 3422	18 2351	04 45	20 13	26 39	24 43	14 53	00 46	16 00	25 03	29 49	
15 We	24 1800	25 1801	02 ♃ 1657	04 45 _R	22 08	27 52	25 10	15 07	00 53	16 02	25 05	29 50	
16 Th	25 1748	09 ♃ 2036	16 2851	04 44	24 04	29 04	25 37	15 21	01 00	16 05	25 07	29 51	
17 Fr	26 1735	23 4126	00 ♃ 5755	04 42	26 01	00 ♂ 16	26 04	15 35	01 07	16 07	25 10	29 53	
18 Sa	27 1720	08 ♃ 1746	15 4015	04 38	27 59	01 29	26 32	15 49	01 13	16 10	25 12	29 54	
19 Su	28 1703	23 0435	00 ♀ 2948	04 32	29 58	02 41	27 00	16 04	01 20	16 12	25 14	29 55	
20 Mo	29 1644	07 ♀ 5454	15 1852	04 27	01 ♀ 58	03 53	27 28	16 18	01 27	16 15	25 16	29 56	
21 Tu	00 ♀ 1623	22 4040	29 5919	04 22	03 58	05 05	27 56	16 32	01 34	16 17	25 19	29 57	
22 We	01 1601	07 ♀ 1357	14 ♀ 2348	04 18	05 58	06 17	28 24	16 46	01 40	16 20	25 21	29 59	
23 Th	02 1536	21 2814	28 2648	04 16	07 59	07 29	28 53	17 00	01 47	16 23	25 23	29 59	
24 Fr	03 1509	05 ♂ 1912	12 ♂ 0518	04 15 _D	10 00	08 41	29 22	17 15	01 53	16 26	25 26	00 ♃ 01	
25 Sa	04 1440	18 4505	25 1841	04 16	12 01	09 53	29 51	17 29	02 00	16 28	25 28	00 02	
26 Su	05 1409	01 ♀ 4623	08 ♀ 0831	04 17	14 01	11 04	00 ♄ 20	17 43	02 07	16 31	25 30	00 03	
27 Mo	06 1335	14 2531	20 3753	04 19	16 01	12 16	00 49	17 58	02 13	16 34	25 32	00 04	
28 Tu	07 1300	26 4609	02 ♄ 5054	04 20	18 00	13 27	01 18	18 12	02 19	16 37	25 35	00 05	
29 We	08 1222	08 ♄ 5243	14 5213	04 21 _R	19 57	14 39	01 48	18 26	02 26	16 40	25 37	00 06	
30 Th	09 1141	20 4959	26 4636	04 20	21 52	15 50	02 17	18 41	02 32	16 42	25 39	00 07	
31 Fr	10 1059	02 ♀ 4238	08 ♀ 3838	04 18	23 46	17 01	02 47	18 55	02 38	16 45	25 41	00 08	

Planetary Data

Ingresses		Day	Time
♀ ♀	♂	2	6:51 PM
♃ ♀	♂	7	9:34 AM
♊ ♂	♂	16	6:34 PM
♀ ♀	♂	19	12:23 AM
☉ ♀	♂	20	5:24 PM
♎ ♃	♂	23	8:14 AM
♈ ♄	♂	25	7:45 AM

Stations		Day	Time
~ None ~			

Lunar Ingresses & Void Moons

Ingresses		Day	Time
♂	♂	26	11:47 AM
♄	♂	28	10:41 PM
♎	♂	3	11:16 AM
♄	♂	5	11:38 PM
♌	♂	8	10:44 AM
♎	♂	10	8:06 PM
♈	♂	13	3:21 AM
♎	♂	15	8:06 AM
♃	♂	17	10:25 AM
♀	♂	19	11:12 AM
♂	♂	21	12:01 PM
♊	♂	23	2:41 PM
♂	♂	25	8:42 PM
♄	♂	28	6:22 AM
♎	♂	30	6:31 PM

Void Times		Day	Time	Last Aspect
28	9:07 PM	♂	♃	
3	10:23 AM	♂	♎	
5	11:19 PM	♂	♃	
8	10:08 AM	♂	♎	
10	7:37 PM	♂	♎	
13	2:59 AM	♂	♎	
15	4:50 AM	♂	♂	
17	10:14 AM	♂	♎	
19	6:33 AM	♂	♈	
21	11:58 AM	♂	♎	
23	1:13 PM	♂	♈	
25	12:19 PM	♂	♎	
27	9:40 PM	♂	♎	
30	9:46 AM	♂	♎	

Phases & Eclipses

Lunar Phases		Day	Time
☉	16 _♄	7	8:41 AM
☽	24 _♈	14	10:09 PM
☿	00 _♂	21	1:23 PM
☽	08 _♄	28	10:33 PM

Solar Eclipses		Day	Time
~ None ~			

Lunar Eclipses		Day	Time
~ None ~			

Day	☉	☽	+12 Hr	True♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋
01 Sa	11 10:14	14 35:06	20 32:31	04 16 _R	25 36 _D	18 12 _D	03 17 _D	19 10 _D	02 45 _D	16 48 _D	25 43 _D	00 08 _D				
02 Su	12 09:27	26 31:19	02 31:54	04 12	27 24	19 23	03 47	19 24	02 51	16 51	25 46	00 09				
03 Mo	13 08:37	08 34:36	14 39:43	04 09	29 08	20 34	04 17	19 39	02 57	16 54	25 48	00 10				
04 Tu	14 07:45	20 47:32	26 58:13	04 06	00 48	21 45	04 48	19 53	03 03	16 57	25 50	00 11				
05 We	15 06:51	03 11:59	09 28:54	04 03	02 24	22 56	05 18	20 07	03 09	17 00	25 52	00 12				
06 Th	16 05:55	15 49:06	22 12:37	04 01	03 56	24 06	05 48	20 22	03 15	17 03	25 54	00 12				
07 Fr	17 04:57	28 39:28	05 09:38	04 00	05 23	25 17	06 19	20 36	03 21	17 07	25 57	00 13				
08 Sa	18 03:57	11 43:08	18 19:54	04 00 _D	06 45	26 27	06 50	20 51	03 27	17 10	25 59	00 14				
09 Su	19 02:56	24 59:55	01 43:05	04 01	08 02	27 38	07 21	21 05	03 33	17 13	26 01	00 15				
10 Mo	20 01:52	08 29:23	15 18:43	04 02	09 13	28 48	07 52	21 20	03 38	17 16	26 03	00 15				
11 Tu	21 00:47	22 11:01	29 06:12	04 03	10 18	29 58	08 23	21 34	03 44	17 19	26 05	00 16				
12 We	21 59:40	06 04:08	13 04:40	04 04	11 18	01 08	08 54	21 49	03 50	17 22	26 07	00 16				
13 Th	22 58:31	20 07:40	27 12:55	04 04	12 11	02 17	09 25	22 03	03 55	17 26	26 09	00 17				
14 Fr	23 57:21	04 20:08	11 29:01	04 04 _R	12 59	03 27	09 57	22 18	04 01	17 29	26 11	00 17				
15 Sa	24 56:08	18 39:14	25 50:19	04 04	13 40	04 37	10 28	22 32	04 06	17 32	26 13	00 18				
16 Su	25 54:54	03 01:51	10 13:16	04 03	14 15	05 46	11 00	22 47	04 12	17 35	26 15	00 18				
17 Mo	26 53:39	17 24:03	24 33:36	04 02	14 44	06 56	11 32	23 01	04 17	17 39	26 18	00 19				
18 Tu	27 52:21	01 41:20	08 46:41	04 01	15 07	08 05	12 04	23 16	04 22	17 42	26 20	00 19				
19 We	28 51:02	15 49:06	22 48:03	04 01	15 23	09 14	12 35	23 30	04 28	17 45	26 22	00 20				
20 Th	29 49:41	29 43:05	06 33:50	04 01	15 33	10 23	13 07	23 44	04 33	17 49	26 24	00 20				
21 Fr	00 48:18	13 20:00	20 01:21	04 01 _D	15 37	11 32	13 40	23 59	04 38	17 52	26 25	00 20				
22 Sa	01 46:53	26 37:47	03 09:16	04 01	15 35 _R	12 40	14 12	24 13	04 43	17 55	26 27	00 21				
23 Su	02 45:26	09 35:51	15 57:43	04 01	15 28	13 49	14 44	24 28	04 48	17 59	26 29	00 21				
24 Mo	03 43:57	22 15:03	28 28:12	04 01	15 15	14 57	15 16	24 42	04 53	18 02	26 31	00 21				
25 Tu	04 42:26	04 37:31	10 43:26	04 01 _R	14 57	16 06	15 49	24 56	04 58	18 06	26 33	00 21				
26 We	05 40:53	16 46:25	22 46:58	04 01	14 35	17 14	16 21	25 11	05 02	18 09	26 35	00 21				
27 Th	06 39:17	28 45:39	04 43:00	04 01	14 08	18 22	16 54	25 25	05 07	18 12	26 37	00 22				
28 Fr	07 37:40	10 39:37	16 36:04	04 01 _D	13 38	19 29	17 27	25 39	05 12	18 16	26 39	00 22				
29 Sa	08 36:00	22 32:57	28 30:48	04 01	13 04	20 37	18 00	25 54	05 16	18 19	26 41	00 22				
30 Su	09 34:19	04 30:12	10 31:40	04 01	12 28	21 44	18 32	26 08	05 21	18 23	26 42	00 22				
01 Mo	10 32:35	16 35:43	22 42:48	04 02	11 51	22 52	19 05	26 22	05 25	18 26	26 44	00 22				

Planetary Data

Ingresses		Day	Time
♌	♍	3	12:22 PM
♎	♏	11	12:47 AM
☉	♌	20	4:13 AM

Stations		Day	Time
♌ _R		21	4:35 AM
♎ _R		1	1:08 PM

Lunar Ingresses & Void Moons

Ingresses		Day	Time
♌		30	6:31 PM
♍		2	6:58 AM
♎		4	5:51 PM
♏		7	2:30 AM
♐		9	8:56 AM
♑		11	1:32 PM
♒		13	4:42 PM
♓		15	6:57 PM
♈		17	9:10 PM
♉		20	12:30 AM
♊		22	6:11 AM
♋		24	2:59 PM
♌		27	2:30 AM
♍		29	3:00 PM

Void Times		Day	Time	Last Aspect
2	2:03 AM	♌	♌	
4	9:50 AM	♎	♏	
6	8:43 AM	♏	♐	
9	5:10 AM	♏	♑	
11	6:48 AM	♑	♒	
13	10:14 AM	♒	♓	
15	11:16 AM	♒	♈	
17	2:56 PM	♓	♉	
20	12:13 AM	♓	♊	
21	11:42 PM	♓	♋	
24	8:15 AM	♈	♌	
26	7:41 PM	♈	♍	
29	6:53 AM	♈	♎	

Phases & Eclipses

Lunar Phases		Day	Time
6	12:34 AM	☉	16 12:07
13	5:11 AM	☽	23 11
20	12:13 AM	☀	29 50
27	5:20 PM	☽	07 21

Solar Eclipses		Day	Time
20	12:17 AM	AT1'16	

Lunar Eclipses		Day	Time
~ None ~			

May 2023

Tropical Midnight Ephemeris

Time Zone: EDT (04:00 East)

Day	☉	☽	+12 Hr	True♊	♀	♋	♌	♍	♎	♏	♐	♑	♒	♓
01 Mo	10♌ 3235	16♌ 3543	22♌ 4248	04♌ 02 _D	11♌ 51 _R	22♌ 52 _D	19♌ 05 _D	26♌ 22 _D	05♌ 25 _D	18♌ 26 _D	26♌ 44 _D	00♌ 22 _D		
02 Tu	11♌ 3049	28♌ 5319	05♌ 0739	04♌ 03	11♌ 12	23♌ 59	19♌ 38	26♌ 37	05♌ 29	18♌ 30	26♌ 46	00♌ 22 _R		
03 We	12♌ 2902	11♌ 2605	17♌ 4853	04♌ 03	10♌ 34	25♌ 06	20♌ 11	26♌ 51	05♌ 34	18♌ 33	26♌ 48	00♌ 22		
04 Th	13♌ 2712	24♌ 1610	00♌ 4804	04♌ 04	09♌ 55	26♌ 12	20♌ 45	27♌ 05	05♌ 38	18♌ 36	26♌ 49	00♌ 22		
05 Fr	14♌ 2521	07♌ 2433	14♌ 0534	04♌ 04 _R	09♌ 18	27♌ 19	21♌ 18	27♌ 19	05♌ 42	18♌ 40	26♌ 51	00♌ 22		
06 Sa	15♌ 2328	20♌ 5058	27♌ 4030	04♌ 04	08♌ 42	28♌ 25	21♌ 51	27♌ 33	05♌ 46	18♌ 43	26♌ 53	00♌ 22		
07 Su	16♌ 2133	04♌ 3352	11♌ 3043	04♌ 03	08♌ 09	29♌ 31	22♌ 24	27♌ 47	05♌ 50	18♌ 47	26♌ 54	00♌ 21		
08 Mo	17♌ 1937	18♌ 3038	25♌ 3310	04♌ 01	07♌ 38	00♌ 37	22♌ 58	28♌ 01	05♌ 53	18♌ 50	26♌ 56	00♌ 21		
09 Tu	18♌ 1739	02♌ 3750	09♌ 4410	03♌ 59	07♌ 10	01♌ 43	23♌ 31	28♌ 15	05♌ 57	18♌ 54	26♌ 58	00♌ 21		
10 We	19♌ 1540	16♌ 5140	23♌ 5952	03♌ 58	06♌ 47	02♌ 49	24♌ 05	28♌ 29	06♌ 01	18♌ 57	26♌ 59	00♌ 21		
11 Th	20♌ 1340	01♌ 0819	08♌ 1638	03♌ 56	06♌ 27	03♌ 54	24♌ 38	28♌ 43	06♌ 04	19♌ 01	27♌ 01	00♌ 21		
12 Fr	21♌ 1138	15♌ 2425	22♌ 3120	03♌ 55	06♌ 11	04♌ 59	25♌ 12	28♌ 57	06♌ 08	19♌ 04	27♌ 02	00♌ 20		
13 Sa	22♌ 0935	29♌ 3705	06♌ 4125	03♌ 56 _D	06♌ 00	06♌ 04	25♌ 46	29♌ 11	06♌ 11	19♌ 08	27♌ 04	00♌ 20		
14 Su	23♌ 0731	13♌ 4404	20♌ 4450	03♌ 56	05♌ 53	07♌ 08	26♌ 20	29♌ 25	06♌ 15	19♌ 11	27♌ 05	00♌ 20		
15 Mo	24♌ 0525	27♌ 4332	04♌ 3957	03♌ 58	05♌ 51 _D	08♌ 13	26♌ 53	29♌ 39	06♌ 18	19♌ 15	27♌ 07	00♌ 19		
16 Tu	25♌ 0318	11♌ 3356	18♌ 2517	03♌ 59	05♌ 53	09♌ 17	27♌ 27	29♌ 52	06♌ 21	19♌ 18	27♌ 08	00♌ 19		
17 We	26♌ 0110	25♌ 1351	01♌ 5927	04♌ 00	06♌ 00	10♌ 21	28♌ 01	00♌ 06	06♌ 24	19♌ 22	27♌ 09	00♌ 19		
18 Th	26♌ 5901	08♌ 4155	15♌ 2107	04♌ 00 _R	06♌ 12	11♌ 25	28♌ 35	00♌ 20	06♌ 27	19♌ 25	27♌ 11	00♌ 18		
19 Fr	27♌ 5650	21♌ 5655	28♌ 2912	03♌ 59	06♌ 28	12♌ 28	29♌ 09	00♌ 33	06♌ 30	19♌ 29	27♌ 12	00♌ 18		
20 Sa	28♌ 5438	04♌ 5753	11♌ 2255	03♌ 57	06♌ 49	13♌ 31	29♌ 44	00♌ 47	06♌ 33	19♌ 32	27♌ 13	00♌ 17		
21 Su	29♌ 5225	17♌ 4419	24♌ 0206	03♌ 53	07♌ 14	14♌ 34	00♌ 18	01♌ 01	06♌ 35	19♌ 35	27♌ 15	00♌ 17		
22 Mo	00♌ 5010	00♌ 1623	06♌ 2720	03♌ 49	07♌ 43	15♌ 37	00♌ 52	01♌ 14	06♌ 38	19♌ 39	27♌ 16	00♌ 16		
23 Tu	01♌ 4754	12♌ 3508	18♌ 4004	03♌ 45	08♌ 16	16♌ 39	01♌ 26	01♌ 27	06♌ 41	19♌ 42	27♌ 17	00♌ 16		
24 We	02♌ 4536	24♌ 4227	00♌ 4239	03♌ 40	08♌ 53	17♌ 41	02♌ 01	01♌ 41	06♌ 43	19♌ 46	27♌ 18	00♌ 15		
25 Th	03♌ 4317	06♌ 4106	12♌ 3816	03♌ 36	09♌ 34	18♌ 42	02♌ 35	01♌ 54	06♌ 45	19♌ 49	27♌ 20	00♌ 14		
26 Fr	04♌ 4056	18♌ 3439	24♌ 3048	03♌ 34	10♌ 19	19♌ 44	03♌ 10	02♌ 07	06♌ 48	19♌ 52	27♌ 21	00♌ 14		
27 Sa	05♌ 3834	00♌ 2717	06♌ 2441	03♌ 33	11♌ 07	20♌ 45	03♌ 44	02♌ 21	06♌ 50	19♌ 56	27♌ 22	00♌ 13		
28 Su	06♌ 3610	12♌ 2337	18♌ 2441	03♌ 33 _D	11♌ 59	21♌ 45	04♌ 19	02♌ 34	06♌ 52	19♌ 59	27♌ 23	00♌ 12		
29 Mo	07♌ 3345	24♌ 2829	00♌ 3536	03♌ 34	12♌ 55	22♌ 46	04♌ 53	02♌ 47	06♌ 54	20♌ 03	27♌ 24	00♌ 12		
30 Tu	08♌ 3118	06♌ 4637	13♌ 0204	03♌ 35	13♌ 53	23♌ 46	05♌ 28	03♌ 00	06♌ 56	20♌ 06	27♌ 25	00♌ 11		
31 We	09♌ 2850	19♌ 2224	25♌ 4801	03♌ 37	14♌ 55	24♌ 45	06♌ 03	03♌ 13	06♌ 57	20♌ 09	27♌ 26	00♌ 10		

Planetary Data

Ingresses		Day	Time
♀ ♋		7	10:24 AM
♎ ♌		16	1:19 PM
♌ ♍		20	11:31 AM
☉ ♌		21	3:09 AM

Stations		Day	Time
♀ _R		1	1:08 PM
♀ _D		14	11:17 PM

Lunar Ingresses & Void Moons

Ingresses		Day	Time
♌		29	3:00 PM
♌		2	2:09 AM
♌		4	10:33 AM
♌		6	4:03 PM
♌		8	7:33 PM
♌		10	10:05 PM
♌		13	12:38 AM
♌		15	3:56 AM
♌		17	8:28 AM
♌		19	2:48 PM
♌		21	11:29 PM
♌		24	10:35 AM
♌		26	11:04 PM
♌		29	10:51 AM
♌		31	7:45 PM

Void Times		Day	Time	Last Aspect
1	7:53 PM	♌	♌	
4	5:17 AM	♌	♌	
6	10:37 AM	♌	♌	
8	4:28 PM	♌	♌	
10	7:52 PM	♌	♌	
12	11:16 PM	♌	♌	
14	10:57 PM	♌	♌	
17	5:10 AM	♌	♌	
19	1:50 PM	♌	♌	
21	6:11 PM	♌	♌	
24	5:12 AM	♌	♌	
26	2:39 AM	♌	♌	
29	5:46 AM	♌	♌	
31	10:54 AM	♌	♌	

Phases & Eclipses

Lunar Phases		Day	Time
5	1:34 PM	☉	14♌58
12	10:29 AM	☽	21♌37
19	11:54 AM	☀	28♌25
27	11:23 AM	☽	06♌06

Solar Eclipses		Day	Time
			~ None ~

Lunar Eclipses		Day	Time
5	1:23 PM	A	.2f

June 2023

Tropical Midnight Ephemeris

Time Zone: EDT (04:00 East)

Day	☉	☽	+12 Hr	True♋	♀	♊	♈	♉	♊	♋	♌	♍	♎
01 Th	10 II 2621	02 ♎ 1917	08 ♎ 5623	03 ♀ 37 D	16 ♀ 00 D	25 ♎ 44 D	06 ♀ 38 D	03 ♀ 26 D	06 ♀ 59 D	20 ♀ 13 D	27 ♀ 27 D	00 ♎ 09 R	
02 Fr	11 2350	15 3927	22 2829	03 37 R	17 09	26 43	07 12	03 39	07 01	20 16	27 28	00 08	
03 Sa	12 2119	29 2317	06 ♀ 2336	03 35	18 20	27 41	07 47	03 52	07 02	20 19	27 29	00 08	
04 Su	13 1846	13 ♀ 2858	20 3850	03 31	19 34	28 39	08 22	04 04	07 04	20 22	27 30	00 07	
05 Mo	14 1612	27 5228	05 ♀ 0905	03 25	20 51	29 37	08 57	04 17	07 05	20 26	27 31	00 06	
06 Tu	15 1338	12 ♀ 2749	19 4746	03 19	22 11	00 ♀ 34	09 32	04 30	07 06	20 29	27 31	00 05	
07 We	16 1102	27 0802	04 ♎ 2745	03 13	23 34	01 30	10 07	04 42	07 07	20 32	27 32	00 04	
08 Th	17 0826	11 ♎ 4606	19 0223	03 08	25 00	02 26	10 42	04 55	07 08	20 35	27 33	00 03	
09 Fr	18 0550	26 1602	03 ♀ 2632	03 04	26 29	03 22	11 17	05 07	07 09	20 39	27 34	00 02	
10 Sa	19 0312	10 ♀ 3333	17 3651	03 02	28 00	04 17	11 53	05 19	07 10	20 42	27 34	00 01	
11 Su	20 0035	24 3618	01 ♀ 3151	03 02 D	29 34	05 11	12 28	05 32	07 11	20 45	27 35	00 00	
12 Mo	20 5756	08 ♀ 2332	15 1126	03 03	01 II 11	06 05	13 03	05 44	07 11	20 48	27 36	29 ♀ 59	
13 Tu	21 5518	21 5540	28 3623	03 04	02 51	06 59	13 39	05 56	07 12	20 51	27 36	29 58	
14 We	22 5238	05 ♀ 1342	11 ♀ 4746	03 04 R	04 33	07 51	14 14	06 08	07 12	20 54	27 37	29 57	
15 Th	23 4959	18 1844	24 4642	03 03	06 18	08 43	14 49	06 20	07 12	20 57	27 37	29 56	
16 Fr	24 4719	01 II 1145	07 II 3359	03 00	08 06	09 35	15 25	06 32	07 13	21 00	27 38	29 55	
17 Sa	25 4438	13 5326	20 1011	02 54	09 56	10 26	16 00	06 43	07 13	21 03	27 38	29 54	
18 Su	26 4157	26 2417	02 ♎ 3546	02 46	11 49	11 16	16 36	06 55	07 13 R	21 06	27 39	29 53	
19 Mo	27 3915	08 ♎ 4445	14 5118	02 37	13 44	12 05	17 11	07 07	07 13	21 09	27 39	29 52	
20 Tu	28 3633	20 5533	26 5741	02 26	15 42	12 54	17 47	07 18	07 12	21 12	27 39	29 50	
21 We	29 3350	02 ♀ 5752	08 ♀ 5623	02 16	17 42	13 42	18 23	07 30	07 12	21 15	27 40	29 49	
22 Th	00 ♎ 3107	14 5332	20 4939	02 07	19 44	14 29	18 58	07 41	07 12	21 18	27 40	29 48	
23 Fr	01 2823	26 4508	02 ♎ 4027	02 00	21 48	15 16	19 34	07 52	07 11	21 21	27 40	29 47	
24 Sa	02 2538	08 ♎ 3604	14 3232	01 55	23 54	16 01	20 10	08 03	07 11	21 24	27 41	29 46	
25 Su	03 2253	20 3026	26 3022	01 52	26 01	16 46	20 46	08 14	07 10	21 26	27 41	29 44	
26 Mo	04 2006	02 ♎ 3258	08 ♎ 3851	01 51	28 10	17 30	21 22	08 25	07 09	21 29	27 41	29 43	
27 Tu	05 1720	14 4841	21 0305	01 51 D	00 ♎ 20	18 12	21 58	08 36	07 08	21 32	27 41	29 42	
28 We	06 1433	27 2240	03 ♎ 4800	01 52	02 30	18 54	22 34	08 47	07 07	21 35	27 41	29 41	
29 Th	07 1145	10 ♎ 1933	16 5745	01 51 R	04 41	19 35	23 10	08 58	07 06	21 37	27 41	29 39	
30 Fr	08 0857	23 4251	00 ♀ 3501	01 49	06 52	20 14	23 46	09 08	07 05	21 40	27 41	29 38	
01 Sa	09 0609	07 ♀ 3414	14 4016	01 45	09 03	20 53	24 22	09 19	07 04	21 43	27 41 R	29 37	

Planetary Data

Ingresses		Day	Time
♊	♋	5	9:46 AM
♌	♍	11	5:45 AM
♎	♏	11	6:26 AM
☉	♎	21	10:57 AM
♏	♏	26	8:23 PM
Stations		Day	Time
♋	R	17	1:27 PM
♏	R	30	5:06 PM

Lunar Ingresses & Void Moons

Ingresses		Day	Time	
♏		29	10:51 AM	
♎		31	7:45 PM	
♈		3	1:03 AM	
♏		5	3:30 AM	
♎		7	4:42 AM	
♏		9	6:14 AM	
♏		11	9:20 AM	
♏		13	2:32 PM	
♏		15	9:46 PM	
♏		18	6:58 AM	
♏		20	6:03 PM	
♏		23	6:35 AM	
♏		25	6:57 PM	
♏		28	4:56 AM	
♏		30	10:59 AM	
Void Times		Day	Time	Last Aspect
♏		31	10:54 AM	☐ ♀
♏		2	8:51 PM	△ ♀
♏		4	11:24 PM	☐ ♀
♏		7	12:39 AM	✕ ♀
♏		9	12:24 AM	☐ ♀
♏		11	9:20 AM	✕ ♀
♏		13	2:27 PM	☐ ♀
♏		15	9:37 PM	△ ♀
♏		18	2:24 AM	☐ ♀
♏		20	5:44 PM	♏ ♀
♏		22	1:01 PM	☐ ♀
♏		25	6:25 PM	△ ♀
♏		28	4:19 AM	☐ ♀
♏		30	10:21 AM	✕ ♀

Phases & Eclipses

Lunar Phases		Day	Time
☾	☾	3	11:41 PM
☾	☾	10	3:31 PM
☾	☾	18	12:37 AM
☾	☾	26	3:50 AM
Solar Eclipses		Day	Time
~ None ~			
Lunar Eclipses		Day	Time
~ None ~			

July 2023

Tropical Midnight Ephemeris

Time Zone: EDT (04:00 East)

Day	☉	☽	+12 Hr	True♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
01 Sa	09♎0609	07♋3414	14♋4016	01♊45R	09♎03D	20♌53D	24♌22D	09♎19D	07♋04R	21♊43D	27♋41R	29♌37R	
02 Su	10 0320	21 5243	29 1100	01 39	11 13	21 30	24 58	09 29	07 02	21 45	27 41	29 35	
03 Mo	11 0031	06♌3416	14♌0133	01 30	13 23	22 06	25 34	09 39	07 01	21 48	27 41	29 34	
04 Tu	11 5742	21 3144	29 0335	01 20	15 33	22 41	26 10	09 49	06 59	21 50	27 41	29 33	
05 We	12 5453	06♍3550	14♍0716	01 10	17 41	23 15	26 47	09 59	06 58	21 53	27 41	29 31	
06 Th	13 5204	21 3641	29 0303	01 01	19 47	23 47	27 23	10 09	06 56	21 55	27 41	29 30	
07 Fr	14 4915	06♎2529	13♎4316	00 55	21 53	24 18	27 59	10 19	06 54	21 58	27 41	29 29	
08 Sa	15 4627	20 5553	28 0301	00 51	23 57	24 47	28 36	10 29	06 52	22 00	27 40	29 27	
09 Su	16 4339	05♏0429	12♏0018	00 49	25 59	25 15	29 12	10 38	06 50	22 02	27 40	29 26	
10 Mo	17 4051	18 5033	25 3528	00 48D	28 00	25 41	29 48	10 48	06 48	22 05	27 40	29 25	
11 Tu	18 3803	02♐1520	08♐5029	00 48R	29 59	26 06	00♑25	10 57	06 46	22 07	27 40	29 23	
12 We	19 3517	15 2115	21 4801	00 48	01♌56	26 29	01 01	11 06	06 44	22 09	27 39	29 22	
13 Th	20 3230	28 1108	04♑3056	00 45	03 52	26 50	01 38	11 15	06 41	22 11	27 39	29 20	
14 Fr	21 2944	10♒4742	17 0145	00 40	05 45	27 10	02 15	11 24	06 39	22 13	27 38	29 19	
15 Sa	22 2659	23 1318	29 2234	00 32	07 37	27 28	02 51	11 33	06 37	22 16	27 38	29 18	
16 Su	23 2414	05♓2944	11♓3458	00 22	09 27	27 44	03 28	11 42	06 34	22 18	27 37	29 16	
17 Mo	24 2130	17 3823	23 4009	00 09	11 14	27 57	04 05	11 50	06 31	22 20	27 37	29 15	
18 Tu	25 1846	29 4023	05♈3913	29♎55	13 00	28 09	04 41	11 59	06 28	22 22	27 36	29 13	
19 We	26 1602	11♈3650	17 3323	29 42	14 45	28 19	05 18	12 07	06 26	22 24	27 36	29 12	
20 Th	27 1318	23 2907	29 2416	29 29	16 27	28 27	05 55	12 15	06 23	22 26	27 35	29 10	
21 Fr	28 1035	05♐1907	11♐1402	29 19	18 07	28 32	06 32	12 23	06 20	22 27	27 35	29 09	
22 Sa	29 0752	17 0923	23 0537	29 11	19 46	28 35	07 09	12 31	06 17	22 29	27 34	29 08	
23 Su	00♌0510	29 0313	05♑0241	29 06	21 22	28 36R	07 46	12 39	06 13	22 31	27 33	29 06	
24 Mo	01 0227	11♒0437	17 0936	29 04	22 57	28 35	08 23	12 47	06 10	22 33	27 33	29 05	
25 Tu	01 5945	23 1815	29 3113	29 03	24 30	28 31	09 00	12 54	06 07	22 34	27 32	29 03	
26 We	02 5704	05♒4908	12♒1237	29 03	26 01	28 25	09 37	13 01	06 04	22 36	27 31	29 02	
27 Th	03 5423	18 4214	25 1831	29 02	27 30	28 16	10 14	13 08	06 00	22 38	27 30	29 00	
28 Fr	04 5142	02♈0153	08♈5237	29 00	28 58	28 05	10 51	13 15	05 57	22 39	27 29	28 59	
29 Sa	05 4902	15 5054	22 5640	28 56	00♑23	27 52	11 28	13 22	05 53	22 41	27 29	28 58	
30 Su	06 4622	00♌0942	07♌2930	28 49	01 46	27 36	12 06	13 29	05 50	22 42	27 28	28 56	
31 Mo	07 4343	14 5524	22 2627	28 40	03 08	27 18	12 43	13 36	05 46	22 44	27 27	28 55	

Planetary Data

Ingresses		Day	Time
♂♑	♑	10	7:40 AM
♀♌	♌	11	12:10 AM
☉♌	♌	22	9:50 PM
♀♑	♑	28	5:31 PM

Stations		Day	Time
♃♒	♒	30	5:06 PM
♃♒	♒	22	9:33 PM

Lunar Ingresses & Void Moons

Ingresses		Day	Time
♈	♈	28	4:56 AM
♋	♋	30	10:59 AM
♌	♌	2	1:19 PM
♍	♍	4	1:30 PM
♎	♎	6	1:33 PM
♏	♏	8	3:19 PM
♐	♐	10	7:56 PM
♑	♑	13	3:26 AM
♒	♒	15	1:13 PM
♓	♓	18	12:40 AM
♑	♑	20	1:13 PM
♒	♒	23	1:55 AM
♓	♓	25	12:56 PM
♑	♑	27	8:23 PM
♒	♒	29	11:45 PM
♓	♓	31	11:58 PM

Void Times		Day	Time	Last Aspect
♑	♑	30	10:21 AM	♋♌
♒	♒	2	9:34 AM	♌♍
♓	♓	4	12:45 PM	♍♎
♑	♑	6	9:41 AM	♎♏
♒	♒	8	2:21 PM	♏♐
♓	♓	10	7:11 PM	♐♑
♑	♑	13	2:11 AM	♑♒
♒	♒	15	8:36 AM	♒♓
♓	♓	17	11:06 PM	♓♑
♑	♑	20	10:09 AM	♑♒
♒	♒	23	12:06 AM	♒♓
♓	♓	25	11:06 AM	♓♑
♑	♑	27	6:36 PM	♑♒
♒	♒	29	7:51 PM	♒♓
♓	♓	31	10:12 PM	♓♑

Phases & Eclipses

Lunar Phases		Day	Time
☉	☉	3	7:39 AM
☽	☽	9	9:48 PM
♀	♀	17	2:32 PM
♁	♁	25	6:07 PM

Solar Eclipses		Day	Time
~ None ~			

Lunar Eclipses		Day	Time
~ None ~			

August 2023

Tropical Midnight Ephemeris

Time Zone: EDT (04:00 East)

Day	☉	☽	+12 Hr	True♋	♀	♊	♈	♉	♊	♋	♌	♍	♎	♏
01 Tu	08 ♀ 4105	00 ♀ 0130	07 ♀ 3916	28 ♀ 30 _R	04 ♀ 27 _D	26 ♀ 58 _R	13 ♀ 20 _D	13 ♀ 42 _D	05 ♀ 42 _R	22 ♀ 45 _D	27 ♀ 26 _R	28 ♀ 53 _R		
02 We	09 3827	15 1821	22 5717	28 20	05 44	26 35	13 58	13 48	05 38	22 47	27 25	28 52		
03 Th	10 3551	00 ♀ 3440	08 ♀ 0911	28 10	06 59	26 11	14 35	13 54	05 35	22 48	27 24	28 51		
04 Fr	11 3315	15 3939	23 0507	28 03	08 12	25 44	15 12	14 00	05 31	22 49	27 23	28 49		
05 Sa	12 3040	00 ♀ 2447	07 ♀ 3808	27 58	09 23	25 15	15 50	14 06	05 27	22 50	27 22	28 48		
06 Su	13 2806	14 4450	21 4446	27 56	10 31	24 45	16 27	14 12	05 23	22 51	27 21	28 46		
07 Mo	14 2534	28 3758	05 ♀ 2438	27 55 _D	11 37	24 13	17 05	14 17	05 19	22 53	27 20	28 45		
08 Tu	15 2303	12 ♀ 0504	18 3939	27 55	12 40	23 40	17 43	14 22	05 15	22 54	27 19	28 44		
09 We	16 2033	25 0848	01 ♀ 3301	27 55 _R	13 41	23 05	18 20	14 27	05 10	22 55	27 18	28 42		
10 Th	17 1805	07 ♀ 5247	14 0834	27 53	14 39	22 30	18 58	14 32	05 06	22 56	27 16	28 41		
11 Fr	18 1538	20 2050	26 3001	27 49	15 34	21 54	19 36	14 37	05 02	22 56	27 15	28 40		
12 Sa	19 1313	02 ♀ 3633	08 ♀ 4047	27 43	16 27	21 17	20 13	14 42	04 58	22 57	27 14	28 38		
13 Su	20 1048	14 4304	20 4341	27 34	17 16	20 40	20 51	14 46	04 53	22 58	27 13	28 37		
14 Mo	21 0825	26 4254	02 ♀ 4059	27 22	18 01	20 02	21 29	14 50	04 49	22 59	27 12	28 36		
15 Tu	22 0604	08 ♀ 3807	14 3431	27 10	18 44	19 25	22 07	14 54	04 45	23 00	27 10	28 34		
16 We	23 0343	20 3021	26 2549	26 58	19 22	18 48	22 45	14 58	04 40	23 00	27 09	28 33		
17 Th	24 0124	02 ♀ 2106	08 ♀ 1625	26 47	19 57	18 12	23 23	15 02	04 36	23 01	27 08	28 32		
18 Fr	24 5906	14 1159	20 0802	26 38	20 27	17 37	24 01	15 05	04 32	23 02	27 06	28 31		
19 Sa	25 5650	26 0453	02 ♀ 0251	26 31	20 53	17 03	24 39	15 08	04 27	23 02	27 05	28 29		
20 Su	26 5434	08 ♀ 0216	14 0333	26 27	21 15	16 30	25 17	15 11	04 23	23 03	27 04	28 28		
21 Mo	27 5220	20 0708	26 1329	26 25	21 32	15 58	25 55	15 14	04 18	23 03	27 02	28 27		
22 Tu	28 5007	02 ♀ 2308	08 ♀ 3636	26 25 _D	21 43	15 28	26 33	15 17	04 14	23 03	27 01	28 26		
23 We	29 4755	14 5426	21 1710	26 26	21 50	15 00	27 12	15 20	04 09	23 04	26 59	28 25		
24 Th	00 ♀ 4544	27 4522	04 ♀ 1931	26 27	21 51 _R	14 33	27 50	15 22	04 05	23 04	26 58	28 23		
25 Fr	01 4334	11 ♀ 0003	17 4721	26 26 _R	21 46	14 09	28 28	15 24	04 00	23 04	26 57	28 22		
26 Sa	02 4126	24 4138	01 ♀ 4301	26 24	21 35	13 47	29 07	15 26	03 55	23 04	26 55	28 21		
27 Su	03 3919	08 ♀ 5127	16 0639	26 20	21 19	13 27	29 45	15 28	03 51	23 04	26 54	28 20		
28 Mo	04 3713	23 2808	00 ♀ 5514	26 14	20 56	13 09	00 ♀ 24	15 29	03 46	23 04	26 52	28 19		
29 Tu	05 3509	08 ♀ 2701	16 0223	26 07	20 28	12 54	01 02	15 31	03 42	23 05 _R	26 51	28 18		
30 We	06 3305	23 4007	01 ♀ 1850	25 59	19 53	12 41	01 41	15 32	03 37	23 04	26 49	28 17		
31 Th	07 3104	08 ♀ 5709	16 3342	25 53	19 14	12 30	02 19	15 33	03 33	23 04	26 48	28 16		

Planetary Data

Ingresses	
Day	Time
♀ ♀	23 5:01 AM
♂ ♀	27 9:19 AM

Stations	
Day	Time
♂ _R	23 3:59 PM
♂ _R	28 10:39 PM

Lunar Ingresses & Void Moons

Ingresses		Void Times	
Day	Time	Day	Last Aspect
♂	29 11:45 PM	31	10:12 PM ♀ ♀
♂	31 11:58 PM	2	5:15 PM ♀ ♀
♂	2 11:06 PM	4	9:20 PM ♀ ♀
♂	4 11:19 PM	7	12:13 AM ♀ ♀
♂	7 2:25 AM	9	6:39 AM ♀ ♀
♂	9 9:05 AM	11	1:28 PM ♀ ♀
♂	11 6:52 PM	14	3:47 AM ♀ ♀
♂	14 6:37 AM	16	5:39 AM ♀ ♀
♂	16 7:15 PM	19	4:51 AM ♀ ♀
♂	19 7:54 AM	21	4:31 PM ♀ ♀
♂	21 7:23 PM	24	1:11 AM ♀ ♀
♂	24 4:08 AM	26	7:55 AM ♀ ♀
♂	26 9:06 AM	28	7:48 AM ♀ ♀
♂	28 10:31 AM	29	11:04 PM ♀ ♀
♂	30 9:56 AM		

Phases & Eclipses

Lunar Phases	
Day	Time
1	2:32 PM ☉ 09 ♀ 16
8	6:29 AM ☽ 15 ♀ 39
16	5:39 AM ☀ 23 ♀ 17
24	5:58 AM ☽ 01 ♀ 00
30	9:35 PM ☉ 07 ♀ 25

Solar Eclipses	
Day	Time
~ None ~	

Lunar Eclipses	
Day	Time
~ None ~	

September 2023 Tropical Midnight Ephemeris

Time Zone: EDT (04:00 East)

Day	☉	☽	+12 Hr	True♌	♀	♋	♉	♈	♄	♃	♌	♍	♎
01 Fr	08 ♀ 29 ⁰³	24 ♀ 07 ¹³	01 ♀ 36 ³¹	25 ♀ 48 ^R	18 ♀ 29 ^R	12 ♀ 22 ^D	02 ♀ 58 ^D	15 ♀ 34 ^D	03 ♀ 28 ^R	23 ♀ 04 ^R	26 ♀ 46 ^R	28 ♀ 15 ^R	
02 Sa	09 27 ⁰⁵	09 ♀ 00 ³⁹	16 18 ⁵¹	25 44	17 39	12 16	03 36	15 34	03 24	23 04	26 44	28 14	
03 Su	10 25 ⁰⁸	23 30 ³³	00 ♀ 35 ²³	25 43	16 46	12 13	04 15	15 35	03 19	23 04	26 43	28 13	
04 Mo	11 23 ¹³	07 ♀ 33 ¹²	14 24 ⁰¹	25 44 ^D	15 50	12 12 ^D	04 54	15 35	03 15	23 04	26 41	28 12	
05 Tu	12 21 ²¹	21 08 ⁰⁰	27 45 ²⁵	25 45	14 53	12 14	05 33	15 35 ^R	03 10	23 03	26 40	28 11	
06 We	13 19 ³⁰	04 ♀ 16 ³⁹	10 ♀ 42 ¹⁰	25 46	13 54	12 17	06 11	15 35	03 06	23 03	26 38	28 10	
07 Th	14 17 ⁴¹	17 02 ²⁷	23 18 ⁰²	25 46 ^R	12 56	12 23	06 50	15 34	03 01	23 02	26 37	28 09	
08 Fr	15 15 ⁵⁵	29 29 ²⁶	05 ♀ 37 ¹³	25 45	12 00	12 32	07 29	15 34	02 57	23 02	26 35	28 08	
09 Sa	16 14 ¹⁰	11 ♀ 41 ⁵³	17 43 ⁵⁷	25 42	11 08	12 42	08 08	15 33	02 53	23 01	26 33	28 07	
10 Su	17 12 ²⁸	23 43 ⁵⁴	29 42 ⁰⁹	25 38	10 20	12 55	08 47	15 32	02 48	23 01	26 32	28 07	
11 Mo	18 10 ⁴⁷	05 ♀ 39 ⁰⁹	11 ♀ 35 ¹⁵	25 32	09 37	13 09	09 26	15 31	02 44	23 00	26 30	28 06	
12 Tu	19 09 ⁰⁸	17 30 ⁴⁹	23 26 ⁰⁹	25 25	09 01	13 26	10 05	15 29	02 40	23 00	26 28	28 05	
13 We	20 07 ³¹	29 21 ³²	05 ♀ 17 ¹⁵	25 19	08 33	13 44	10 44	15 28	02 36	22 59	26 27	28 04	
14 Th	21 05 ⁵⁷	11 ♀ 13 ³⁰	17 10 ³³	25 13	08 13	14 05	11 24	15 26	02 31	22 58	26 25	28 04	
15 Fr	22 04 ²⁴	23 08 ³⁵	29 07 ⁵⁰	25 08	08 02	14 27	12 03	15 24	02 27	22 57	26 23	28 03	
16 Sa	23 02 ⁵²	05 ♀ 08 ³⁰	11 ♀ 10 ⁴⁹	25 04	08 01 ^D	14 51	12 42	15 21	02 23	22 56	26 22	28 02	
17 Su	24 01 ²³	17 15 ⁰²	23 21 ²³	25 03	08 08	15 16	13 22	15 19	02 19	22 56	26 20	28 01	
18 Mo	24 59 ⁵⁶	29 30 ¹⁰	05 ♀ 41 ³⁹	25 02 ^D	08 26	15 44	14 01	15 16	02 15	22 55	26 18	28 01	
19 Tu	25 58 ³⁰	11 ♀ 56 ¹¹	18 14 ⁰⁶	25 03	08 52	16 12	14 40	15 14	02 11	22 54	26 17	28 00	
20 We	26 57 ⁰⁶	24 35 ⁴⁴	01 ♀ 01 ²⁸	25 05	09 28	16 43	15 20	15 11	02 07	22 52	26 15	28 00	
21 Th	27 55 ⁴⁴	07 ♀ 31 ³⁸	14 06 ³⁶	25 07	10 12	17 15	15 59	15 07	02 03	22 51	26 13	27 59	
22 Fr	28 54 ²³	20 46 ⁴¹	27 32 ⁰⁸	25 08	11 04	17 48	16 39	15 04	01 59	22 50	26 12	27 59	
23 Sa	29 53 ⁰⁵	04 ♀ 23 ⁰⁹	11 ♀ 19 ⁵²	25 08 ^R	12 04	18 22	17 18	15 00	01 56	22 49	26 10	27 58	
24 Su	00 ♀ 51 ⁴⁸	18 22 ¹⁶	25 30 ¹⁴	25 07	13 11	18 58	17 58	14 57	01 52	22 48	26 09	27 58	
25 Mo	01 50 ³²	02 ♀ 43 ²⁹	10 ♀ 01 ³⁷	25 05	14 25	19 35	18 38	14 53	01 48	22 47	26 07	27 57	
26 Tu	02 49 ¹⁸	17 24 ⁰¹	24 49 ⁵⁸	25 02	15 44	20 14	19 18	14 49	01 45	22 45	26 05	27 57	
27 We	03 48 ⁰⁶	02 ♀ 18 ³⁵	09 ♀ 48 ⁵⁰	24 59	17 09	20 53	19 57	14 44	01 41	22 44	26 04	27 56	
28 Th	04 46 ⁵⁶	17 19 ⁴¹	24 50 ⁰⁰	24 57	18 37	21 34	20 37	14 40	01 38	22 43	26 02	27 56	
29 Fr	05 45 ⁴⁷	02 ♀ 18 ³⁹	09 ♀ 44 ³⁵	24 55	20 10	22 16	21 17	14 35	01 35	22 41	26 00	27 56	
30 Sa	06 44 ⁴¹	17 06 ⁴⁹	24 24 ²⁹	24 54	21 46	22 58	21 57	14 30	01 31	22 40	25 59	27 55	
01 Su	07 43 ³⁶	01 ♀ 36 ⁵¹	08 ♀ 43 ²²	24 54 ^D	23 25	23 42	22 37	14 25	01 28	22 38	25 57	27 55	

Planetary Data

Ingresses	
Day	Time
23	2:49 AM

Stations	
Day	Time
3	9:20 PM
4	10:11 AM
15	4:21 PM

Lunar Ingresses & Void Moons

Ingresses		Void Times	
Day	Time	Day	Last Aspect
30	9:56 AM	1	6:35 AM ✕ ♀
1	9:24 AM	3	7:57 AM □ ♀
3	10:59 AM	5	12:45 PM △ ♀
5	4:07 PM	7	6:22 PM □ ♀
8	1:00 AM	10	8:48 AM ♀ ♀
10	12:35 PM	12	11:06 AM □ ♀
13	1:18 AM	15	9:50 AM △ ♀
15	1:45 PM	17	9:07 PM □ ♀
18	12:59 AM	20	6:22 AM ✕ ♀
20	10:05 AM	22	3:32 PM □ ☉
22	4:21 PM	24	4:06 PM ♀ ♀
24	7:29 PM	26	8:38 AM □ ♀
26	8:18 PM	28	4:58 PM ✕ ♀
28	8:18 PM	30	5:49 PM □ ♀
30	9:18 PM		

Phases & Eclipses

Lunar Phases	
Day	Time
6	6:21 PM ☾ 14 ♀ 04
14	9:40 PM ● 21 ♀ 59
22	3:32 PM ☽ 29 ♀ 32
29	5:58 AM ○ 06 ♀ 00

Solar Eclipses	
Day	Time
~ None ~	

Lunar Eclipses	
Day	Time
~ None ~	

October 2023

Tropical Midnight Ephemeris

Time Zone: EDT (04:00 East)

Day	☉	☽	+12 Hr	True♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌
01 Su	07 4336	01 3651	08 4322	24 54 _D	23 25 _D	23 42 _D	22 37 _D	14 25 _R	01 28 _R	22 38 _R	25 57 _R	27 55 _R					
02 Mo	08 4234	15 4339	22 3727	24 55	25 05	24 27	23 17	14 20	01 25	22 36	25 55	27 55					
03 Tu	09 4134	29 2442	06 0527	24 56	26 48	25 13	23 57	14 15	01 22	22 35	25 54	27 54					
04 We	10 4037	12 3955	19 0821	24 57	28 32	26 00	24 37	14 09	01 19	22 33	25 52	27 54					
05 Th	11 3942	25 3110	01 4847	24 58	00 17	26 47	25 17	14 04	01 16	22 32	25 51	27 54					
06 Fr	12 3849	08 0143	14 1030	24 58	02 03	27 36	25 58	13 58	01 13	22 30	25 49	27 54					
07 Sa	13 3758	20 1540	26 1749	24 58 _R	03 49	28 25	26 38	13 52	01 10	22 28	25 48	27 54					
08 Su	14 3710	02 1729	08 1515	24 58	05 35	29 15	27 18	13 46	01 08	22 26	25 46	27 54					
09 Mo	15 3623	14 1139	20 0712	24 57	07 22	00 06	27 58	13 39	01 05	22 25	25 44	27 54					
10 Tu	16 3540	26 0223	01 5742	24 56	09 08	00 58	28 39	13 33	01 03	22 23	25 43	27 54					
11 We	17 3458	07 5332	13 5019	24 55	10 54	01 50	29 19	13 26	01 00	22 21	25 41	27 54 _D					
12 Th	18 3418	19 4824	25 4807	24 54	12 40	02 43	29 59	13 20	00 58	22 19	25 40	27 54					
13 Fr	19 3341	01 4943	07 5330	24 53	14 25	03 37	00 40	13 13	00 56	22 17	25 38	27 54					
14 Sa	20 3306	13 5940	20 0826	24 53	16 10	04 31	01 21	13 06	00 53	22 15	25 37	27 54					
15 Su	21 3233	26 1955	02 3419	24 52 _D	17 55	05 26	02 02	12 59	00 51	22 13	25 35	27 54					
16 Mo	22 3202	08 5143	15 1216	24 53	19 38	06 21	02 42	12 52	00 49	22 11	25 34	27 54					
17 Tu	23 3133	21 3601	28 0306	24 53	21 22	07 17	03 23	12 45	00 48	22 09	25 33	27 54					
18 We	24 3106	04 3334	11 0730	24 53	23 04	08 14	04 04	12 37	00 46	22 07	25 31	27 54					
19 Th	25 3040	17 4459	24 2604	24 53 _R	24 46	09 11	04 45	12 30	00 44	22 04	25 30	27 54					
20 Fr	26 3017	01 1047	07 5911	24 53	26 27	10 09	05 26	12 22	00 43	22 02	25 28	27 55					
21 Sa	27 2955	14 5115	21 4659	24 53	28 08	11 07	06 07	12 15	00 41	22 00	25 27	27 55					
22 Su	28 2935	28 4617	05 4902	24 52 _D	29 48	12 06	06 48	12 07	00 40	21 58	25 26	27 55					
23 Mo	29 2917	12 5504	20 0407	24 53	01 28	13 05	07 29	11 59	00 38	21 56	25 24	27 56					
24 Tu	00 2900	27 1551	04 2952	24 53	03 07	14 04	08 10	11 51	00 37	21 53	25 23	27 56					
25 We	01 2845	11 4541	19 0243	24 53	04 45	15 04	08 51	11 44	00 36	21 51	25 22	27 56					
26 Th	02 2832	26 2020	03 3752	24 54	06 23	16 05	09 32	11 36	00 35	21 49	25 21	27 57					
27 Fr	03 2820	10 5435	18 0944	24 55	08 00	17 06	10 13	11 28	00 34	21 47	25 19	27 57					
28 Sa	04 2810	25 2235	02 3226	24 55 _R	09 37	18 07	10 55	11 20	00 33	21 44	25 18	27 58					
29 Su	05 2803	09 3837	16 4033	24 55	11 13	19 09	11 36	11 12	00 33	21 42	25 17	27 58					
30 Mo	06 2757	23 3746	00 2950	24 54	12 48	20 11	12 18	11 03	00 32	21 39	25 16	27 59					
31 Tu	07 2753	07 1630	13 5736	24 52	14 23	21 13	12 59	10 55	00 32	21 37	25 15	27 59					

Planetary Data

Ingresses		Day	Time
♌	♈	4	8:08 PM
♍	♏	8	9:10 PM
♎	♌	12	12:03 AM
♏	♍	22	2:48 AM
♐	♎	23	12:20 PM

Stations		Day	Time
♋ _D		10	9:10 PM

Lunar Ingresses & Void Moons

Ingresses		Day	Time
♋		28	8:18 PM
♌		30	9:18 PM
♍		3	1:02 AM
♎		5	8:32 AM
♏		7	7:25 PM
♐		10	8:02 AM
♑		12	8:22 PM
♒		15	7:04 AM
♓		17	3:37 PM
♈		19	9:54 PM
♉		22	2:05 AM
♊		24	4:32 AM
♋		26	6:01 AM
♌		28	7:45 AM
♍		30	11:08 AM

Void Times		Day	Time	Last Aspect
♋		30	5:49 PM	☐ ♋
♌		2	9:20 PM	△ ♌
♍		5	2:34 AM	✕ ♍
♎		7	3:12 PM	♋ ♎
♏		10	5:37 AM	✕ ♏
♐		12	4:11 PM	△ ♐
♑		15	3:02 AM	☐ ♑
♒		17	11:44 AM	✕ ♒
♓		19	3:02 PM	✕ ♓
♈		22	2:00 AM	☐ ♈
♉		23	3:05 PM	☐ ♉
♊		26	2:39 AM	✕ ♊
♋		28	4:20 AM	☐ ♋
♌		30	7:35 AM	△ ♌

Phases & Eclipses

Lunar Phases		Day	Time
☾		6	9:48 AM
●		14	1:55 PM
☾		21	11:30 PM
○		28	4:24 PM

Solar Eclipses		Day	Time
A	5'17"	14	1:59 PM

Lunar Eclipses		Day	Time
P	.2f	28	4:14 PM

November 2023 Tropical Midnight Ephemeris

Time Zone: EST (05:00 East)

Day	☉	☽	+12 Hr	True♋	♀	♊	♈	♄	♃	♅	♆	♁	♂
01 We	08 ♌ 30 ²¹	21 ♀ 05 ⁴⁸	27 ♀ 35 ¹⁶	24 ♀ 50 ^R	16 ♌ 02 ^D	22 ♃ 19 ^D	13 ♌ 42 ^D	10 ♄ 47 ^R	00 ♃ 31 ^R	21 ♄ 35 ^R	25 ♃ 14 ^R	28 ♃ 00 ^D	
02 Th	09 30 ²²	03 ♄ 59 ²³	10 ♄ 18 ²⁴	24 48	17 36	23 22	14 24	10 39	00 31	21 32	25 13	28 01	
03 Fr	10 30 ²⁴	16 32 ⁴¹	22 42 ³⁹	24 47	19 10	24 25	15 05	10 31	00 31	21 30	25 11	28 01	
04 Sa	11 30 ²⁹	28 48 ⁴⁸	04 ♀ 51 ³⁸	24 45	20 43	25 29	15 47	10 22	00 31	21 27	25 10	28 02	
05 Su	12 30 ³⁶	10 ♀ 51 ⁴⁴	16 49 ⁴²	24 45	22 16	26 33	16 29	10 14	00 31 ^D	21 25	25 09	28 03	
06 Mo	13 30 ⁴⁵	22 46 ⁰⁷	28 41 ³⁷	24 45 ^D	23 49	27 38	17 10	10 06	00 31	21 22	25 08	28 04	
07 Tu	14 30 ⁵⁵	04 ♃ 36 ⁴⁷	10 ♃ 32 ¹³	24 46	25 21	28 43	17 52	09 58	00 31	21 20	25 07	28 04	
08 We	15 31 ⁰⁸	16 28 ³¹	22 26 ¹⁴	24 48	26 52	29 48	18 34	09 50	00 32	21 17	25 07	28 05	
09 Th	16 31 ²³	28 25 ⁵²	04 ♄ 27 ⁵⁵	24 49	28 24	00 ♄ 53	19 16	09 42	00 32	21 15	25 06	28 06	
10 Fr	17 31 ⁴⁰	10 ♄ 32 ⁴⁸	16 40 ⁵⁵	24 51	29 55	01 59	19 58	09 34	00 33	21 13	25 05	28 07	
11 Sa	18 31 ⁵⁹	22 52 ³⁵	29 08 ⁰³	24 51	01 ♀ 25	03 05	20 40	09 26	00 33	21 10	25 04	28 08	
12 Su	19 32 ¹⁹	05 ♌ 27 ³²	11 ♌ 51 ⁰⁸	24 51 ^R	02 55	04 11	21 22	09 18	00 34	21 08	25 03	28 09	
13 Mo	20 32 ⁴²	18 18 ⁵⁵	24 50 ⁵¹	24 49	04 25	05 17	22 04	09 10	00 35	21 05	25 02	28 09	
14 Tu	21 33 ⁰⁶	01 ♀ 26 ⁵¹	08 ♀ 06 ⁴⁶	24 46	05 55	06 24	22 46	09 02	00 36	21 03	25 02	28 10	
15 We	22 33 ³²	14 50 ²⁴	21 37 ²⁸	24 42	07 24	07 31	23 29	08 54	00 37	21 00	25 01	28 11	
16 Th	23 33 ⁵⁹	28 27 ⁴¹	05 ♃ 20 ⁴⁵	24 37	08 53	08 38	24 11	08 47	00 38	20 58	25 00	28 12	
17 Fr	24 34 ²⁸	12 ♃ 16 ¹⁹	19 14 ⁰³	24 33	10 21	09 45	24 53	08 39	00 40	20 55	25 00	28 13	
18 Sa	25 34 ⁵⁸	26 13 ³⁷	03 ♃ 14 ⁴⁴	24 29	11 48	10 53	25 35	08 32	00 41	20 53	24 59	28 15	
19 Su	26 35 ²⁹	10 ♃ 17 ⁰⁶	17 20 ²⁷	24 27	13 16	12 01	26 18	08 24	00 42	20 50	24 58	28 16	
20 Mo	27 36 ⁰²	24 24 ³³	01 ♃ 29 ⁰⁹	24 25	14 42	13 09	27 00	08 17	00 44	20 48	24 58	28 17	
21 Tu	28 36 ³⁵	08 ♃ 34 ⁰⁵	15 39 ⁰⁶	24 26 ^D	16 08	14 17	27 43	08 10	00 46	20 45	24 57	28 18	
22 We	29 37 ¹⁰	22 44 ⁰¹	29 48 ³⁷	24 27	17 34	15 25	28 25	08 03	00 48	20 43	24 57	28 19	
23 Th	00 ♀ 37 ⁴⁶	06 ♀ 52 ³⁹	13 ♀ 55 ⁵¹	24 29	18 58	16 34	29 08	07 56	00 49	20 40	24 56	28 20	
24 Fr	01 38 ²³	20 57 ⁵⁶	27 58 ³⁴	24 29	20 22	17 43	29 51	07 49	00 51	20 38	24 56	28 21	
25 Sa	02 39 ⁰²	04 ♄ 57 ²³	11 ♄ 54 ⁰¹	24 29 ^R	21 45	18 52	00 ♀ 33	07 42	00 54	20 35	24 55	28 23	
26 Su	03 39 ⁴¹	18 48 ⁰⁵	25 39 ¹²	24 27	23 06	20 01	01 16	07 36	00 56	20 33	24 55	28 24	
27 Mo	04 40 ²²	02 ♀ 26 ⁵⁸	09 ♀ 11 ⁰⁵	24 22	24 27	21 10	01 59	07 29	00 58	20 31	24 55	28 25	
28 Tu	05 41 ⁰⁵	15 51 ¹⁴	22 27 ⁰⁹	24 16	25 46	22 19	02 42	07 23	01 00	20 28	24 54	28 27	
29 We	06 41 ⁴⁹	28 58 ⁴³	05 ♄ 25 ⁴⁷	24 09	27 03	23 29	03 25	07 17	01 03	20 26	24 54	28 28	
30 Th	07 42 ³⁴	11 ♄ 48 ²³	18 06 ³⁵	24 01	28 18	24 39	04 08	07 11	01 06	20 23	24 54	28 29	
01 Fr	08 43 ²⁰	24 20 ³³	00 ♀ 30 ³²	23 53	29 32	25 49	04 51	07 05	01 08	20 21	24 54	28 31	

Planetary Data

Ingresses		Day	Time
♂ ♃		8	4:30 AM
♀ ♄		10	1:24 AM
☉ ♄		22	9:02 AM
♂ ♄		24	5:14 AM
♀ ♃		1	9:31 AM

Stations		Day	Time
♃ ^D		4	2:03 AM

Lunar Ingresses & Void Moons

Ingresses		Day	Time
♀		30	10:08 AM
♄		1	4:31 PM
♃		4	2:21 AM
♃		6	2:39 PM
♃		9	3:08 AM
♌		11	1:39 PM
♄		13	9:23 PM
♃		16	2:42 AM
♃		18	6:28 AM
♃		20	9:29 AM
♃		22	12:19 PM
♄		24	3:29 PM
♀		26	7:40 PM
♄		29	1:53 AM
♃		1	11:00 AM

Void Times		Day	Time	Last Aspect
1	7:37 AM	□	♃	
3	10:28 PM	♂	♀	
6	2:26 AM	□	♀	
8	11:56 PM	✕	♀	
11	10:06 AM	□	♀	
13	6:03 PM	✕	♀	
15	5:56 PM	□	♃	
18	3:27 AM	♂	♀	
20	5:50 AM	□	☉	
22	10:09 AM	△	♂	
24	12:41 PM	□	♀	
26	4:52 PM	△	♀	
28	8:04 PM	♂	♀	
1	8:07 AM	♂	♀	

Phases & Eclipses

Lunar Phases		Day	Time
☽		5	3:37 AM
●		13	4:28 AM
☽		20	5:50 AM
○		27	4:17 AM

Solar Eclipses		Day	Time
~ None ~			

Lunar Eclipses		Day	Time
~ None ~			

December 2023 Tropical Midnight Ephemeris

Time Zone: EST (05:00 East)

Day	☉	☽	+12 Hr	True♋	♀	♊	♂	♃	♅	♁	♄	♆	♇	♈
01 Fr	08♋ 4320	24♄ 2033	00♌ 3032	23♎ 53R	29♋ 32D	25♈ 49D	04♌ 51D	07♍ 05R	01♎ 08D	20♏ 21R	24♐ 54R	28♑ 31D		
02 Sa	09 4408	06♌ 3652	12 3956	23 46	00♍ 42	26 59	05 34	06 59	01 11	20 19	24 54	28 32		
03 Su	10 4457	18 4014	24 3814	23 42	01 50	28 09	06 17	06 54	01 14	20 17	24 53	28 33		
04 Mo	11 4548	00♍ 3433	06♍ 2947	23 39	02 55	29 19	07 00	06 48	01 17	20 14	24 53	28 35		
05 Tu	12 4640	12 2433	18 1931	23 38	03 56	00♎ 30	07 43	06 43	01 20	20 12	24 53	28 36		
06 We	13 4733	24 1521	00♎ 1243	23 39D	04 53	01 40	08 26	06 38	01 23	20 10	24 53	28 38		
07 Th	14 4828	06♏ 1217	12 1440	23 40	05 44	02 51	09 10	06 33	01 26	20 08	24 53D	28 39		
08 Fr	15 4923	18 2030	24 3019	23 41	06 30	04 02	09 53	06 29	01 30	20 05	24 53	28 41		
09 Sa	16 5020	00♎ 4438	07♎ 0353	23 41R	07 10	05 13	10 36	06 24	01 33	20 03	24 53	28 42		
10 Su	17 5119	13 2823	19 5825	23 39	07 43	06 24	11 20	06 20	01 37	20 01	24 54	28 44		
11 Mo	18 5218	26 3404	03♋ 1520	23 34	08 07	07 36	12 03	06 16	01 40	19 59	24 54	28 45		
12 Tu	19 5319	10♋ 0207	16 5408	23 27	08 23	08 47	12 47	06 12	01 44	19 57	24 54	28 47		
13 We	20 5420	23 5058	00♌ 5208	23 18	08 29	09 58	13 31	06 08	01 48	19 55	24 54	28 49		
14 Th	21 5522	07♌ 5659	15 0450	23 08	08 25R	11 10	14 14	06 04	01 52	19 53	24 54	28 50		
15 Fr	22 5625	22 1456	29 2632	22 58	08 09	12 22	14 58	06 01	01 56	19 51	24 55	28 52		
16 Sa	23 5729	06♍ 3853	13♍ 5116	22 49	07 42	13 33	15 42	05 58	02 00	19 49	24 55	28 53		
17 Su	24 5832	21 0303	28 1342	22 42	07 04	14 45	16 25	05 55	02 04	19 47	24 55	28 55		
18 Mo	25 5937	05♎ 2246	12♎ 2954	22 38	06 14	15 57	17 09	05 52	02 08	19 45	24 56	28 57		
19 Tu	27 0041	19 3451	26 3728	22 36	05 13	17 09	17 53	05 50	02 13	19 43	24 56	28 59		
20 We	28 0146	03♎ 3739	10♎ 3523	22 36D	04 04	18 21	18 37	05 47	02 17	19 41	24 57	29 00		
21 Th	29 0251	17 3040	24 2331	22 37	02 48	19 33	19 21	05 45	02 21	19 40	24 57	29 02		
22 Fr	00♌ 0356	01♏ 1359	08♏ 0205	22 36R	01 27	20 46	20 05	05 43	02 26	19 38	24 58	29 04		
23 Sa	01 0502	14 4750	21 3111	22 34	00 04	21 58	20 49	05 41	02 31	19 36	24 58	29 05		
24 Su	02 0608	28 1206	04♏ 5029	22 30	28♋ 43	23 10	21 33	05 40	02 35	19 35	24 59	29 07		
25 Mo	03 0714	11♏ 2614	17 5912	22 22	27 24	24 23	22 17	05 38	02 40	19 33	24 59	29 09		
26 Tu	04 0820	24 2915	00♐ 5614	22 11	26 12	25 35	23 02	05 37	02 45	19 31	25 00	29 11		
27 We	05 0927	07♐ 2003	13 4036	21 59	25 08	26 48	23 46	05 36	02 50	19 30	25 01	29 13		
28 Th	06 1034	19 5748	26 1139	21 45	24 12	28 01	24 30	05 36	02 55	19 28	25 01	29 14		
29 Fr	07 1141	02♌ 2213	08♌ 2937	21 32	23 27	29 13	25 14	05 35	03 00	19 27	25 02	29 16		
30 Sa	08 1249	14 3400	20 3538	21 20	22 53	00♋ 26	25 59	05 35	03 05	19 25	25 03	29 18		
31 Su	09 1357	26 3451	02♌ 3202	21 10	22 29	01 39	26 43	05 35D	03 10	19 24	25 04	29 20		

Planetary Data

Ingresses		Day	Time
♋	♌	1	9:31 AM
♊	♍	4	1:50 PM
☉	♌	21	10:27 PM
♋	♋	23	1:17 AM
♊	♋	29	3:23 PM

Stations		Day	Time
♃	D	6	8:22 AM
♋	R	13	2:09 AM
♃	D	30	9:40 PM

Lunar Ingresses & Void Moons

Ingresses		Day	Time
♄		29	1:53 AM
♌		1	11:00 AM
♍		3	10:51 PM
♎		6	11:35 AM
♏		8	10:35 PM
♐		11	6:10 AM
♑		13	10:31 AM
♒		15	12:55 PM
♓		17	2:58 PM
♈		19	5:47 PM
♉		21	9:50 PM
♊		24	3:15 AM
♋		26	10:16 AM
♌		28	7:23 PM
♍		31	6:54 AM

Void Times		Day	Time	Last Aspect
		1	8:07 AM	♈ ♉
		3	9:12 PM	♎ ♏
		6	8:51 AM	♌ ♍
		8	8:06 PM	♊ ♋
		11	3:57 AM	♏ ♐
		13	1:49 AM	♌ ♍
		15	11:04 AM	♋ ♌
		17	7:03 AM	♏ ♐
		19	4:04 PM	♌ ♍
		21	9:47 PM	♈ ♉
		24	1:39 AM	♌ ♍
		26	2:56 AM	♈ ♉
		28	5:58 PM	♋ ♌
		31	12:19 AM	♌ ♍

Phases & Eclipses

Lunar Phases		Day	Time
☾		5	12:50 AM
☀		12	6:32 PM
☽		19	1:40 PM
☼		26	7:34 PM

Solar Eclipses		Day	Time
~ None ~			

Lunar Eclipses		Day	Time
~ None ~			