






































































































































































October 2022

Ephemeris [00:00 UT]

Day	Sid.time	☉	☽	+12h☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	Day
1 Sa	00:38:50	♏ 07°48'14	♈ 11°31'45	♈ 18°30'37	♏ 24°21	♏ 02°05	♏ 20°04	♏ 03°08	♏ 18°59	♏ 18°21	♏ 23°38	♏ 26°07	♏ 15°04	♏ 13°49	♏ 18°51	♏ 14°26	1 Sa
2 Su	00:42:47	♏ 08°47'14	♈ 25°31'35	♏ 02°34'12	♏ 24°12	♏ 03°20	♏ 20°25	♏ 03°00	♏ 18°57	♏ 18°20	♏ 23°37	♏ 26°07	♏ 15°01	♏ 13°51	♏ 18°57	♏ 14°24	2 Su
3 Mo	00:46:43	♏ 09°46'15	♏ 09°38'37	♏ 16°44'19	♏ 24°13	♏ 04°35	♏ 20°45	♏ 02°52	♏ 18°55	♏ 18°18	♏ 23°35	♏ 26°07	♏ 14°58	♏ 13°51	♏ 19°04	♏ 14°21	3 Mo
4 Tu	00:50:40	♏ 10°45'19	♏ 23°51'24	♏ 00°59'13	♏ 24°25	♏ 05°49	♏ 21°04	♏ 02°44	♏ 18°53	♏ 18°16	♏ 23°33	♏ 26°07	♏ 14°54	♏ 13°51	♏ 19°11	♏ 14°18	4 Tu
5 We	00:54:36	♏ 11°44'24	♏ 08°07'46	♏ 15°16'19	♏ 24°47	♏ 07°04	♏ 21°23	♏ 02°36	♏ 18°51	♏ 18°14	♏ 23°32	♏ 26°07	♏ 14°51	♏ 13°49	♏ 19°18	♏ 14°15	5 We
6 Th	00:58:33	♏ 12°43'30	♏ 22°24'43	♏ 29°32'08	♏ 25°18	♏ 08°19	♏ 21°41	♏ 02°28	♏ 18°50	♏ 18°12	♏ 23°30	♏ 26°07	♏ 14°48	♏ 13°45	♏ 19°24	♏ 14°13	6 Th
7 Fr	01:02:29	♏ 13°42'39	♏ 06°38'22	♏ 13°42'32	♏ 25°59	♏ 09°34	♏ 21°58	♏ 02°20	♏ 18°48	♏ 18°10	♏ 23°29	♏ 26°07	♏ 14°45	♏ 13°41	♏ 19°31	♏ 14°10	7 Fr
8 Sa	01:06:26	♏ 14°41'49	♏ 20°44'24	♏ 27°43'06	♏ 26°48	♏ 10°49	♏ 22°15	♏ 02°13	♏ 18°46	♏ 18°09	♏ 23°27	♏ 26°06	♏ 14°42	♏ 13°36	♏ 19°38	♏ 14°07	8 Sa
9 Su	01:10:22	♏ 15°41'01	♏ 04°38'28	♏ 11°29'45	♏ 27°45	♏ 12°04	♏ 22°32	♏ 02°05	♏ 18°45	♏ 18°07	♏ 23°26	♏ 26°06	♏ 14°39	♏ 13°32	♏ 19°44	♏ 14°05	9 Su
10 Mo	01:14:19	♏ 16°40'15	♏ 18°16'53	♏ 24°59'16	♏ 28°49	♏ 13°19	♏ 22°48	♏ 01°58	♏ 18°44	♏ 18°05	♏ 23°24	♏ 26°06	♏ 14°35	♏ 13°29	♏ 19°51	♏ 14°02	10 Mo
11 Tu	01:18:16	♏ 17°39'31	♏ 01°37'03	♏ 08°09'47	♏ 00°00	♏ 14°34	♏ 23°03	♏ 01°50	♏ 18°42	♏ 18°03	♏ 23°23	♏ 26°07	♏ 14°32	♏ 13°27	♏ 19°58	♏ 13°59	11 Tu
12 We	01:22:12	♏ 18°38'49	♏ 14°37'49	♏ 21°00'54	♏ 01°16	♏ 15°49	♏ 23°18	♏ 01°43	♏ 18°41	♏ 18°01	♏ 23°21	♏ 26°07	♏ 14°29	♏ 13°27	♏ 20°05	♏ 13°56	12 We
13 Th	01:26:09	♏ 19°38'09	♏ 27°19'32	♏ 03°33'41	♏ 02°37	♏ 17°04	♏ 23°31	♏ 01°35	♏ 18°40	♏ 17°58	♏ 23°20	♏ 26°07	♏ 14°26	♏ 13°27	♏ 20°11	♏ 13°54	13 Th
14 Fr	01:30:05	♏ 20°37'32	♏ 09°43'59	♏ 15°50'32	♏ 04°02	♏ 18°19	♏ 23°45	♏ 01°28	♏ 18°39	♏ 17°56	♏ 23°18	♏ 26°07	♏ 14°23	♏ 13°29	♏ 20°18	♏ 13°51	14 Fr
15 Sa	01:34:02	♏ 21°36'57	♏ 21°54'04	♏ 27°54'50	♏ 05°31	♏ 19°34	♏ 23°57	♏ 01°21	♏ 18°38	♏ 17°54	♏ 23°17	♏ 26°07	♏ 14°19	♏ 13°30	♏ 20°25	♏ 13°48	15 Sa
16 Su	01:37:58	♏ 22°36'24	♏ 03°53'37	♏ 09°50'44	♏ 07°02	♏ 20°49	♏ 24°09	♏ 01°14	♏ 18°37	♏ 17°52	♏ 23°16	♏ 26°07	♏ 14°16	♏ 13°32	♏ 20°31	♏ 13°46	16 Su
17 Mo	01:41:55	♏ 23°35'54	♏ 15°47'03	♏ 21°42'52	♏ 08°36	♏ 22°04	♏ 24°20	♏ 01°07	♏ 18°37	♏ 17°50	♏ 23°14	♏ 26°07	♏ 14°13	♏ 13°33	♏ 20°38	♏ 13°43	17 Mo
18 Tu	01:45:51	♏ 24°35'25	♏ 27°39'06	♏ 03°36'03	♏ 10°13	♏ 23°19	♏ 24°31	♏ 01°01	♏ 18°36	♏ 17°48	♏ 23°13	♏ 26°08	♏ 14°10	♏ 13°33	♏ 20°45	♏ 13°40	18 Tu
19 We	01:49:48	♏ 25°34'59	♏ 09°34'35	♏ 15°35'00	♏ 11°50	♏ 24°34	♏ 24°41	♏ 00°54	♏ 18°36	♏ 17°45	♏ 23°12	♏ 26°08	♏ 14°07	♏ 13°33	♏ 20°52	♏ 13°38	19 We
20 Th	01:53:45	♏ 26°34'36	♏ 21°38'07	♏ 27°44'10	♏ 13°29	♏ 25°49	♏ 24°50	♏ 00°48	♏ 18°35	♏ 17°43	♏ 23°10	♏ 26°08	♏ 14°04	♏ 13°31	♏ 20°58	♏ 13°35	20 Th

21	Fr	01:57:41	 27°34'14	 03°53'52	 10°07'21	 15°09	 27°05	 24°58	 00°41	 18°35	 17°41	 23°09	 26°09	 14°00	 13°29	 21°05	 13°32	21	Fr
22	Sa	02:01:38	 28°33'55	 16°25'13	 22°47'29	 16°50	 28°20	 25°06	 00°35	 18°35	 17°39	 23°08	 26°09	 13°57	 13°27	 21°12	 13°30	22	Sa
23	Su	02:05:34	 29°33'38	 29°14'36	 05°46'22	 18°31	 29°35	 25°12	 00°29	 18°35	 17°36	 23°06	 26°09	 13°54	 13°25	 21°18	 13°27	23	Su
24	Mo	02:09:31	 00°33'23	 12°23'08	 19°04'30	 20°12	 00°50	 25°18	 00°23	 18°35	 17°34	 23°05	 26°10	 13°51	 13°23	 21°25	 13°25	24	Mo
25	Tu	02:13:27	 01°33'10	 25°50'37	 02°40'55	 21°53	 02°05	 25°23	 00°17	 18°35	 17°32	 23°04	 26°10	 13°48	 13°22	 21°32	 13°22	25	Tu
26	We	02:17:24	 02°32'58	 09°35'25	 16°33'24	 23°35	 03°20	 25°27	 00°11	 18°35	 17°29	 23°03	 26°11	 13°45	 13°21	 21°38	 13°20	26	We
27	Th	02:21:20	 03°32'49	 23°34'44	 00°38'37	 25°16	 04°36	 25°31	 00°06	 18°36	 17°27	 23°02	 26°11	 13°41	 13°21	 21°45	 13°17	27	Th
28	Fr	02:25:17	 04°32'43	 07°44'53	 14°52'40	 26°57	 05°51	 25°34	 00°01	 18°36	 17°24	 23°00	 26°12	 13°38	 13°22	 21°52	 13°15	28	Fr
29	Sa	02:29:14	 05°32'37	 22°01'47	 29°11'25	 28°38	 07°06	 25°35	 29°55	 18°37	 17°22	 22°59	 26°12	 13°35	 13°23	 21°59	 13°12	29	Sa
30	Su	02:33:10	 06°32'34	 06°21'23	 13°30'56	 00°19	 08°21	 25°36	 29°50	 18°37	 17°20	 22°58	 26°13	 13°32	 13°23	 22°05	 13°10	30	Su
31	Mo	02:37:07	 07°32'32	 20°40'00	 27°47'52	 01°59	 09°36	 25°36	 29°46	 18°38	 17°17	 22°57	 26°14	 13°29	 13°24	 22°12	 13°07	31	Mo
Δ Delta		01:58:16	29°44'17"	399°08'15"	399°17'15"	37°37'	37°31'	5°31'	3°21'	-0°21'	-1°04'	-0°41'	0°06'	-1°35'	-0°25'	3°21'	-1°19'	Delta	