























































































































































November 2022

Ephemeris [00:00 UT]

Day	Sid.time	☉	☽	+12h☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	Day
1 Tu	02:41:03	♈ 08°32'31	♌ 04°54'33	♌ 11°59'26	♈ 03°39	♈ 10°52	♈ 25°35	♈ 29°41	♌ 18°39	♈ 17°15	♈ 22°56	♋ 26°14	♈ 13°25	♈ 13°24	♋ 22°19	♋ 13°05	1 Tu	
2 We	02:44:60	♈ 09°32'32	♌ 19°02'34	♌ 26°03'25	♈ 05°19	♈ 12°07	♈ 25°34	♈ 29°37	♌ 18°40	♈ 17°12	♈ 22°55	♋ 26°15	♈ 13°22	♈ 13°24	♋ 22°25	♋ 13°02	2 We	
3 Th	02:48:56	♈ 10°32'35	♈ 03°02'08	♈ 09°58'09	♈ 06°58	♈ 13°22	♈ 25°31	♈ 29°32	♌ 18°41	♈ 17°10	♈ 22°54	♋ 26°16	♈ 13°19	♈ 13°24	♋ 22°32	♋ 13°00	3 Th	
4 Fr	02:52:53	♈ 11°32'39	♈ 16°51'41	♈ 23°42'14	♈ 08°36	♈ 14°37	♈ 25°28	♈ 29°28	♌ 18°42	♈ 17°07	♈ 22°53	♋ 26°16	♈ 13°16	♈ 13°24	♋ 22°39	♋ 12°58	4 Fr	
5 Sa	02:56:49	♈ 12°32'45	♋ 00°30'00	♋ 07°14'30	♈ 10°15	♈ 15°52	♈ 25°23	♈ 29°24	♌ 18°43	♈ 17°05	♈ 22°52	♋ 26°17	♈ 13°13	♈ 13°23	♋ 22°46	♋ 12°56	5 Sa	
6 Su	03:00:46	♈ 13°32'53	♋ 13°55'57	♋ 20°33'56	♈ 11°53	♈ 17°08	♈ 25°18	♈ 29°21	♌ 18°45	♈ 17°02	♈ 22°51	♋ 26°18	♈ 13°10	♈ 13°23	♋ 22°52	♋ 12°53	6 Su	
7 Mo	03:04:43	♈ 14°33'02	♋ 27°08'40	♋ 03°39'47	♈ 13°30	♈ 18°23	♈ 25°12	♈ 29°17	♌ 18°46	♈ 17°00	♈ 22°50	♋ 26°19	♈ 13°06	♈ 13°23	♋ 22°59	♋ 12°51	7 Mo	
8 Tu	03:08:39	♈ 15°33'12	♋ 10°07'33	♋ 16°31'37	♈ 15°07	♈ 19°38	♈ 25°05	♈ 29°14	♌ 18°48	♈ 16°57	♈ 22°49	♋ 26°20	♈ 13°03	♈ 13°24	♋ 23°06	♋ 12°49	8 Tu	
9 We	03:12:36	♈ 16°33'25	♋ 22°52'21	♋ 29°09'28	♈ 16°44	♈ 20°53	♈ 24°57	♈ 29°11	♌ 18°49	♈ 16°55	♈ 22°49	♋ 26°21	♈ 13°00	♈ 13°23	♋ 23°12	♋ 12°47	9 We	
10 Th	03:16:32	♈ 17°33'39	♈ 05°23'24	♈ 11°33'58	♈ 18°20	♈ 22°09	♈ 24°49	♈ 29°08	♌ 18°51	♈ 16°52	♈ 22°48	♋ 26°21	♈ 12°57	♈ 13°23	♋ 23°19	♋ 12°45	10 Th	
11 Fr	03:20:29	♈ 18°33'56	♈ 17°41'41	♈ 23°46'28	♈ 19°56	♈ 23°24	♈ 24°39	♈ 29°05	♌ 18°53	♈ 16°50	♈ 22°47	♋ 26°22	♈ 12°54	♈ 13°23	♋ 23°26	♋ 12°42	11 Fr	
12 Sa	03:24:25	♈ 19°34'14	♈ 29°48'55	♋ 05°49'03	♈ 21°32	♈ 24°39	♈ 24°29	♈ 29°02	♌ 18°55	♈ 16°48	♈ 22°46	♋ 26°23	♈ 12°51	♈ 13°22	♋ 23°33	♋ 12°40	12 Sa	
13 Su	03:28:22	♈ 20°34'33	♋ 11°47'33	♋ 17°44'32	♈ 23°07	♈ 25°54	♈ 24°18	♈ 29°00	♌ 18°57	♈ 16°45	♈ 22°46	♋ 26°24	♈ 12°47	♈ 13°21	♋ 23°39	♋ 12°38	13 Su	
14 Mo	03:32:18	♈ 21°34'55	♋ 23°40'45	♋ 29°36'25	♈ 24°42	♈ 27°10	♈ 24°05	♈ 28°58	♌ 18°59	♈ 16°43	♈ 22°45	♋ 26°25	♈ 12°44	♈ 13°20	♋ 23°46	♋ 12°36	14 Mo	
15 Tu	03:36:15	♈ 22°35'19	♋ 05°32'20	♋ 11°28'45	♈ 26°17	♈ 28°25	♈ 23°52	♈ 28°56	♌ 19°02	♈ 16°40	♈ 22°44	♋ 26°26	♈ 12°41	♈ 13°19	♋ 23°53	♋ 12°35	15 Tu	
16 We	03:40:12	♈ 23°35'45	♋ 17°26'32	♋ 23°26'00	♈ 27°51	♈ 29°40	♈ 23°39	♈ 28°54	♌ 19°04	♈ 16°38	♈ 22°44	♋ 26°28	♈ 12°38	♈ 13°19	♋ 24°00	♋ 12°33	16 We	
17 Th	03:44:08	♈ 24°36'12	♋ 29°27'59	♋ 05°32'49	♈ 29°25	♈ 00°56	♈ 23°24	♈ 28°52	♌ 19°06	♈ 16°35	♈ 22°43	♋ 26°29	♈ 12°35	♈ 13°19	♋ 24°06	♋ 12°31	17 Th	
18 Fr	03:48:05	♈ 25°36'41	♋ 11°41'22	♋ 17°53'52	♈ 00°59	♈ 02°11	♈ 23°09	♈ 28°51	♌ 19°09	♈ 16°33	♈ 22°43	♋ 26°30	♈ 12°31	♈ 13°19	♋ 24°13	♋ 12°29	18 Fr	
19 Sa	03:52:01	♈ 26°37'12	♋ 24°11'08	♋ 00°33'20	♈ 02°33	♈ 03°26	♈ 22°53	♈ 28°50	♌ 19°12	♈ 16°30	♈ 22°42	♋ 26°31	♈ 12°28	♈ 13°20	♋ 24°20	♋ 12°27	19 Sa	
20 Su	03:55:58	♈ 27°37'45	♋ 07°01'12	♋ 13°34'42	♈ 04°06	♈ 04°41	♈ 22°36	♈ 28°49	♌ 19°14	♈ 16°28	♈ 22°42	♋ 26°32	♈ 12°25	♈ 13°21	♋ 24°26	♋ 12°25	20 Su	

21	Mo	03:59:54	 28°38'20	 20°14'23	 27°00'03	 05°40	 05°57	 22°18	 28°48	 19°17	 16°25	 22°41	 26°33	 12°22	 13°23	 24°33	 12°24	21	Mo
22	Tu	04:03:51	 29°38'56	 03°52'01	 10°49'48	 07°13	 07°12	 22°00	 28°48	 19°20	 16°23	 22°41	 26°34	 12°19	 13°23	 24°40	 12°22	22	Tu
23	We	04:07:47	 00°39'34	 17°53'25	 25°02'06	 08°46	 08°27	 21°41	 28°48	 19°23	 16°21	 22°40	 26°36	 12°16	 13°24	 24°47	 12°20	23	We
24	Th	04:11:44	 01°40'13	 02°15'37	 09°32'52	 10°18	 09°43	 21°22	 28°47	 19°26	 16°18	 22°40	 26°37	 12°12	 13°23	 24°53	 12°19	24	Th
25	Fr	04:15:41	 02°40'54	 16°53'24	 24°15'57	 11°51	 10°58	 21°02	 28°48	 19°29	 16°16	 22°40	 26°38	 12°09	 13°21	 25°00	 12°17	25	Fr
26	Sa	04:19:37	 03°41'36	 01°39'55	 09°03'57	 13°23	 12°13	 20°41	 28°48	 19°33	 16°14	 22°39	 26°40	 12°06	 13°18	 25°07	 12°16	26	Sa
27	Su	04:23:34	 04°42'20	 16°27'30	 23°49'17	 14°55	 13°29	 20°20	 28°48	 19°36	 16°11	 22°39	 26°41	 12°03	 13°16	 25°13	 12°15	27	Su
28	Mo	04:27:30	 05°43'04	 01°08'53	 08°25'14	 16°28	 14°44	 19°59	 28°49	 19°40	 16°09	 22°39	 26°42	 12°00	 13°13	 25°20	 12°13	28	Mo
29	Tu	04:31:27	 06°43'50	 15°38'07	 22°46'46	 17°59	 15°59	 19°37	 28°50	 19°43	 16°07	 22°39	 26°44	 11°57	 13°10	 25°27	 12°12	29	Tu
30	We	04:35:23	 07°44'36	 29°51'12	 06°50'56	 19°31	 17°14	 19°15	 28°51	 19°47	 16°04	 22°38	 26°45	 11°53	 13°09	 25°34	 12°11	30	We
Δ Delta		01:54:19	29°12'04"	384°56'39"	384°51'30"	45°51'	36°22'	-6°20'	-0°49'	1°07'	-1°10'	-0°17'	0°30'	-1°32'	-0°14'	3°14'	-0°54'	Delta	