Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style.

retrograde	-1400 Feb 29 j 01:34	8°♏52'43	
opposition	-1400 May 09 j 19:14	5°♏36'02	2°08'51
min. Earth dist.	-1400 May 10 j 03:50	5°♏34'28	9.17298 AU
direct	-1400 Jul 20 j 01:30	2°♏17'53	
evening set	-1400 Oct 29 j 00:49	9°♏13'26	
conjunction	-1400 Nov 14 j 12:18	11°♏08'00	1°36'09
minimum elong	-1400 Nov 14 j 12:20	11°♏08'01	1°36'08
max. Earth dist.	-1400 Nov 14 j 02:15	11°♏05'04	11.15827 AU
morning rise	-1400 Nov 30 j 23:37	13°♏02'36	
	-1400 Dec 18 j 16:41	15°♏	
retrograde	-1399 Mar 11 j 18:11	19°♏58'47	
opposition	-1399 May 21 j 16:40	16°♏41'27	1°44'19
min. Earth dist.	-1399 May 22 j 01:32	16°♏39'49	9.13891 AU
	-1399 Jun 14 j 23:26	15℞♏	
direct	-1399 Jul 31 j 16:11	13°♏23'40	
	-1399 Sep 14 j 18:37	15°♏	
evening set	-1399 Nov 09 j 02:48	20°♏19'20	
conjunction	-1399 Nov 25 j 15:10	22°♏14'44	1°14'12
minimum elong	-1399 Nov 25 j 15:12	22°♏14'45	1°14'10
max. Earth dist.	-1399 Nov 25 j 04:56	22°♏11'44	11.11186 AU
morning rise	-1399 Dec 12 j 04:03	24°♏10'23	
	-1398 Feb 12 j 21:00	0°♐	
retrograde	-1398 Mar 23 j 17:18	1°♐11'32	
	-1398 May 02 j 10:50	30℞♏	
opposition	-1398 Jun 02 j 16:58	27°♏53'18	1°15'35
min. Earth dist.	-1398 Jun 03 j 02:04	27°♏51'38	9.07956 AU
direct	-1398 Aug 12 j 06:57	24°♏35'38	
	-1398 Nov 06 j 13:42	0°♐	
evening set	-1398 Nov 20 j 07:37	1°♐32'55	
conjunction	-1398 Dec 06 j 21:15	3°♐29'34	0°49'10
minimum elong	-1398 Dec 06 j 21:17	3°♐29'35	0°49'08
max. Earth dist.	-1398 Dec 06 j 09:57	3°♐26'14	11.04099 AU
morning rise	-1398 Dec 23 j 12:27	5°♐26'45	
retrograde	-1397 Apr 04 j 20:01	12°♐34'26	
opposition	-1397 Jun 14 j 21:04	9°♐15'02	0°43'29
min. Earth dist.	-1397 Jun 15 j 07:03	9°♐13'12	8.99673 AU
direct	-1397 Aug 23 j 22:41	5°♐57'11	
evening set	-1397 Dec 01 j 17:18	12°♐57'47	
conjunction	-1397 Dec 18 j 08:41	14°♐56'05	0°21'49
minimum elong	-1397 Dec 18 j 08:42	14°♐56'05	0°21'47
max. Earth dist.	-1397 Dec 17 j 20:32	14°♐52'28	10.94767 AU
morning rise	-1396 Jan 04 j 02:40	16°♐55'11	
retrograde	-1396 Apr 16 j 06:16	24°♐10'54	
opposition	-1396 Jun 26 j 05:40	20°♐50'08	0°08'57
min. Earth dist.	-1396 Jun 26 j 16:03	20°♐48'12	8.89276 AU
direct	-1396 Sep 03 j 19:55	17°♐31'46	
desc. node	-1396 Sep 29 j 09:46	18°♐04'59	
evening set	-1396 Dec 12 j 09:24	24°♐37'21	
conjunction	-1396 Dec 29 j 03:07	26°♐37'43	-0°07'04
minimum elong	-1396 Dec 29 j 03:06	26°♐37'42	0°07'05
behind sun begin	-1396 Dec 28 j 20:36	26°♐35'46	
behind sun end	-1396 Dec 29 j 09:35	26°♐39'39	
max. Earth dist.	-1396 Dec 28 j 15:28	26°♐34'12	10.83444 AU
morning rise	-1395 Jan 15 j 00:01	28°♐39'05	
	-1395 Jan 26 j 15:18	0°♑	
retrograde	-1395 Apr 29 j 01:18	6°♑04'19	
opposition	-1395 Jul 08 j 20:07	2°♑42'01	-0°26'51
min. Earth dist.	-1395 Jul 09 j 05:45	2°♑40'12	8.77075 AU
	-1395 Aug 19 j 14:44	30℞♐	
direct	-1395 Sep 15 j 20:43	29°♐22'57	
	-1395 Oct 12 j 15:19	0°♑	
evening set	-1395 Dec 24 j 09:46	6°♑35'10	
conjunction	-1394 Jan 10 j 06:06	8°♑37'54	-0°36'11
minimum elong	-1394 Jan 10 j 06:04	8°♑37'53	0°36'11
max. Earth dist.	-1394 Jan 09 j 19:42	8°♑34'43	10.70515 AU
morning rise	-1394 Jan 27 j 06:09	10°♑41'51	
retrograde	-1394 May 12 j 05:33	18°♑17'54	
opposition	-1394 Jul 21 j 17:17	14°♑53'56	-1°02'33
min. Earth dist.	-1394 Jul 22 j 01:16	14°♑52'24	8.63565 AU
direct	-1394 Sep 28 j 03:42	11°♑33'55	
evening set	-1393 Jan 05 j 20:22	18°♑54'20	
conjunction	-1393 Jan 22 j 19:30	20°♑59'42	-1°04'27
minimum elong	-1393 Jan 22 j 19:28	20°♑59'42	1°04'27
max. Earth dist.	-1393 Jan 22 j 09:55	20°♑56'44	10.56576 AU
morning rise	-1393 Feb 08 j 23:01	23°♑06'30	
	-1393 Apr 22 j 19:39	0°♒	
retrograde	-1393 May 25 j 19:55	0°♒54'04	
	-1393 Jun 28 j 03:53	30℞♑	
opposition	-1393 Aug 03 j 21:36	27°♑28'24	-1°36'28
min. Earth dist.	-1393 Aug 04 j 04:13	27°♑27'07	8.49410 AU
direct	-1393 Oct 10 j 17:21	24°♑07'13	
	-1392 Jan 05 j 07:39	0°♒	
evening set	-1392 Jan 18 j 18:17	1°♒37'02	
conjunction	-1392 Feb 04 j 20:31	3°♒45'14	-1°30'23
minimum elong	-1392 Feb 04 j 20:28	3°♒45'13	1°30'23
max. Earth dist.	-1392 Feb 04 j 12:14	3°♒42'38	10.42329 AU
morning rise	-1392 Feb 22 j 03:41	5°♒55'01	
retrograde	-1392 Jun 07 j 19:27	13°♒54'15	
opposition	-1392 Aug 16 j 09:31	10°♒26'58	-2°06'41
min. Earth dist.	-1392 Aug 16 j 14:39	10°♒25'57	8.35330 AU
direct	-1392 Oct 22 j 15:11	7°♒04'25	
evening set	-1391 Jan 31 j 04:13	14°♒44'28	
	-1391 Feb 02 j 05:51	15°♒	
conjunction	-1391 Feb 17 j 09:53	16°♒55'35	-1°52'23
minimum elong	-1391 Feb 17 j 09:50	16°♒55'35	1°52'24
max. Earth dist.	-1391 Feb 17 j 04:01	16°♒53'43	10.28513 AU
morning rise	-1391 Mar 06 j 20:43	19°♒08'22	
retrograde	-1391 Jun 22 j 02:06	27°♒18'44	
opposition	-1391 Aug 30 j 04:44	23°♒49'58	-2°31'08
min. Earth dist.	-1391 Aug 30 j 07:54	23°♒49'20	8.22080 AU
direct	-1391 Nov 04 j 23:39	20°♒25'59	
evening set	-1390 Feb 14 j 02:34	28°♒16'30	
	-1390 Feb 27 j 13:37	0°♓	
conjunction	-1390 Mar 03 j 12:07	0°♓30'33	-2°08'49
minimum elong	-1390 Mar 03 j 12:05	0°♓30'33	2°08'50
max. Earth dist.	-1390 Mar 03 j 09:48	0°♓29'48	10.15901 AU
morning rise	-1390 Mar 21 j 02:38	2°♓46'13	
retrograde	-1390 Jul 06 j 16:36	11°♓06'18	
opposition	-1390 Sep 13 j 06:32	7°♓36'16	-2°47'45
min. Earth dist.	-1390 Sep 13 j 07:03	7°♓36'10	8.10412 AU
direct	-1390 Nov 18 j 16:38	4°♓10'51	
evening set	-1389 Feb 28 j 12:47	12°♓11'24	
conjunction	-1389 Mar 18 j 02:33	14°♓28'15	-2°18'11
minimum elong	-1389 Mar 18 j 02:32	14°♓28'15	2°18'12
max. Earth dist.	-1389 Mar 18 j 03:58	14°♓28'43	10.05232 AU
morning rise	-1389 Apr 04 j 20:46	16°♓46'35	
retrograde	-1389 Jul 21 j 13:13	25°♓13'58	
opposition	-1389 Sep 27 j 13:51	21°♓43'03	-2°54'47
min. Earth dist.	-1389 Sep 27 j 11:25	21°♓43'33	8.01013 AU

Attention, astronomical year style is used: The year -1389 in astronomical counting style is the year 1390 BCE in historical counting style.

direct	-1389 Dec 02 j 17:13	18°♓16'16	
evening set	-1388 Mar 14 j 09:24	26°♓25'39	
conjunction	-1388 Apr 01 j 03:24	28°♓44'57	-2°19'23
minimum elong	-1388 Apr 01 j 03:25	28°♓44'57	2°19'24
max. Earth dist.	-1388 Apr 01 j 08:18	28°♓46'34	9.97169 AU
	-1388 Apr 10 j 15:41	0°♈	
morning rise	-1388 Apr 19 j 01:09	1°♈05'30	
retrograde	-1388 Aug 04 j 13:36	9°♈37'04	
opposition	-1388 Oct 11 j 01:03	6°♈05'42	-2°51'04
min. Earth dist.	-1388 Oct 10 j 20:01	6°♈06'45	7.94482 AU
direct	-1388 Dec 16 j 01:08	2°♈37'42	
evening set	-1387 Mar 29 j 14:07	10°♈53'57	
conjunction	-1387 Apr 16 j 12:13	13°♈15'11	-2°11'53
minimum elong	-1387 Apr 16 j 12:16	13°♈15'12	2°11'53
max. Earth dist.	-1387 Apr 16 j 20:08	13°♈17'48	9.92255 AU
morning rise	-1387 May 04 j 13:09	15°♈37'22	
retrograde	-1387 Aug 19 j 13:56	24°♈09'27	
opposition	-1387 Oct 25 j 14:15	20°♈38'06	-2°36'21
min. Earth dist.	-1387 Oct 25 j 07:13	20°♈39'35	7.91261 AU
direct	-1387 Dec 30 j 16:00	17°♈09'04	
evening set	-1386 Apr 13 j 23:55	25°♈29'40	
conjunction	-1386 May 02 j 01:35	27°♈52'07	-1°55'54
minimum elong	-1386 May 02 j 01:39	27°♈52'08	1°55'53
max. Earth dist.	-1386 May 02 j 11:44	27°♈55'28	9.90820 AU
	-1386 May 18 j 06:24	0°♉	
morning rise	-1386 May 20 j 04:58	0°♉15'07	
retrograde	-1386 Sep 03 j 10:46	8°♉43'59	
opposition	-1386 Nov 09 j 03:15	5°♉13'09	-2°11'30
min. Earth dist.	-1386 Nov 08 j 19:04	5°♉14'52	7.91565 AU
direct	-1385 Jan 14 j 10:50	1°♉43'22	
evening set	-1385 Apr 29 j 11:32	10°♉05'29	
conjunction	-1385 May 17 j 15:40	12°♉28'14	-1°32'31
minimum elong	-1385 May 17 j 15:44	12°♉28'15	1°32'30
max. Earth dist.	-1385 May 18 j 03:08	12°♉32'01	9.92950 AU
morning rise	-1385 Jun 04 j 20:15	14°♉51'06	
	-1385 Jun 05 j 23:55	15°♉	
retrograde	-1385 Sep 18 j 01:57	23°♉13'25	
opposition	-1385 Nov 23 j 13:52	19°♉43'33	-1°38'20
min. Earth dist.	-1385 Nov 23 j 04:56	19°♉45'25	7.95374 AU
direct	-1384 Jan 29 j 06:59	16°♉13'22	
evening set	-1384 May 13 j 21:16	24°♉34'07	
conjunction	-1384 Jun 01 j 02:26	26°♉56'12	-1°03'28
minimum elong	-1384 Jun 01 j 02:29	26°♉56'13	1°03'27
max. Earth dist.	-1384 Jun 01 j 14:42	27°♉00'13	9.98496 AU
morning rise	-1384 Jun 19 j 06:42	29°♉17'55	
	-1384 Jun 24 j 19:08	0°♊	
retrograde	-1384 Oct 01 j 09:46	7°♊31'09	
opposition	-1384 Dec 06 j 20:16	4°♊02'36	-0°59'27
min. Earth dist.	-1384 Dec 06 j 10:39	4°♊04'36	8.02435 AU
direct	-1383 Feb 12 j 01:25	0°♊32'23	
evening set	-1383 May 29 j 01:47	8°♊49'10	
conjunction	-1383 Jun 16 j 06:22	11°♊09'38	-0°30'56
minimum elong	-1383 Jun 16 j 06:24	11°♊09'39	0°30'56
max. Earth dist.	-1383 Jun 16 j 18:58	11°♊13'43	10.07074 AU
morning rise	-1383 Jul 04 j 08:43	13°♊29'19	
retrograde	-1383 Oct 15 j 09:27	21°♊31'49	
opposition	-1383 Dec 20 j 20:57	18°♊04'51	-0°17'48
min. Earth dist.	-1383 Dec 20 j 10:55	18°♊06'54	8.12272 AU
direct	-1382 Feb 26 j 16:45	14°♊34'58	
asc. node	-1382 May 30 j 13:29	21°♊07'11	
evening set	-1382 Jun 12 j 22:44	22°♊45'43	

conjunction	-1382 Jul 01 j 01:02	25°♊03'44	0°02'51
minimum elong	-1382 Jul 01 j 01:01	25°♊03'44	0°02'52
behind sun begin	-1382 Jun 30 j 17:43	25°♊01'25	
behind sun end	-1382 Jul 01 j 08:19	25°♊06'02	
max. Earth dist.	-1382 Jul 01 j 13:22	25°♊07'40	10.18108 AU
morning rise	-1382 Jul 18 j 23:50	27°♊20'36	
	-1382 Aug 10 j 02:29	0°♋	
retrograde	-1382 Oct 28 j 23:12	5°♋11'36	
opposition	-1381 Jan 03 j 14:53	1°♋46'23	0°23'47
min. Earth dist.	-1381 Jan 03 j 04:51	1°♋48'25	8.24258 AU
	-1381 Jan 26 j 14:34	30°℞♊	
direct	-1381 Mar 13 j 02:20	28°♊17'13	
	-1381 Apr 27 j 02:08	0°♋	
evening set	-1381 Jun 27 j 09:51	6°♋20'22	
conjunction	-1381 Jul 15 j 08:22	8°♋35'20	0°35'34
minimum elong	-1381 Jul 15 j 08:20	8°♋35'19	0°35'35
max. Earth dist.	-1381 Jul 15 j 20:12	8°♋39'03	10.30914 AU
morning rise	-1381 Aug 02 j 02:26	10°♋48'53	
retrograde	-1381 Nov 11 j 03:50	18°♋28'28	
opposition	-1380 Jan 17 j 01:50	15°♋05'03	1°02'48
min. Earth dist.	-1380 Jan 16 j 16:48	15°♋06'51	8.37681 AU
direct	-1380 Mar 26 j 04:22	11°♋36'50	
evening set	-1380 Jul 10 j 09:40	19°♋31'24	
conjunction	-1380 Jul 28 j 03:21	21°♋42'57	1°05'35
minimum elong	-1380 Jul 28 j 03:18	21°♋42'56	1°05'36
max. Earth dist.	-1380 Jul 28 j 13:45	21°♋46'11	10.44755 AU
morning rise	-1380 Aug 14 j 16:00	23°♋52'58	
	-1380 Oct 14 j 16:42	0°♌	
retrograde	-1380 Nov 23 j 00:11	1°♌21'44	
	-1379 Jan 02 j 01:00	30°℞♋	
opposition	-1379 Jan 29 j 05:32	28°♋00'03	1°37'21
min. Earth dist.	-1379 Jan 28 j 22:24	28°♋01'28	8.51796 AU
direct	-1379 Apr 08 j 21:30	24°♋33'00	
	-1379 Jul 03 j 23:57	0°♌	
evening set	-1379 Jul 23 j 22:02	2°♌18'30	
conjunction	-1379 Aug 10 j 10:14	4°♌26'35	1°31'31
minimum elong	-1379 Aug 10 j 10:11	4°♌26'34	1°31'32
max. Earth dist.	-1379 Aug 10 j 17:56	4°♌28'57	10.58893 AU
morning rise	-1379 Aug 27 j 17:18	6°♌33'06	
retrograde	-1379 Dec 05 j 10:22	13°♌51'59	
opposition	-1378 Feb 11 j 02:08	10°♌31'56	2°06'04
min. Earth dist.	-1378 Feb 10 j 21:08	10°♌32'54	8.65871 AU
direct	-1378 Apr 22 j 07:40	7°♌06'08	
evening set	-1378 Aug 05 j 22:47	14°♌42'36	
	-1378 Aug 08 j 09:22	15°♌	
conjunction	-1378 Aug 23 j 05:24	16°♌47'20	1°52'28
minimum elong	-1378 Aug 23 j 05:21	16°♌47'19	1°52'29
max. Earth dist.	-1378 Aug 23 j 10:01	16°♌48'44	10.72635 AU
morning rise	-1378 Sep 09 j 07:08	18°♌50'33	
retrograde	-1378 Dec 17 j 12:46	26°♌00'53	
opposition	-1377 Feb 23 j 16:25	22°♌42'12	2°28'10
min. Earth dist.	-1377 Feb 23 j 13:01	22°♌42'51	8.79229 AU
direct	-1377 May 05 j 10:41	19°♌17'44	
evening set	-1377 Aug 18 j 12:17	26°♌45'26	
conjunction	-1377 Sep 04 j 13:47	28°♌47'08	2°07'54
minimum elong	-1377 Sep 04 j 13:44	28°♌47'08	2°07'55
max. Earth dist.	-1377 Sep 04 j 16:00	28°♌47'48	10.85345 AU
	-1377 Sep 14 j 17:45	0°♍	
morning rise	-1377 Sep 21 j 10:36	0°♍47'27	
retrograde	-1377 Dec 29 j 11:17	7°♍50'43	
opposition	-1376 Mar 07 j 00:58	4°♍33'06	2°43'17
min. Earth dist.	-1376 Mar 06 j 23:11	4°♍33'26	8.91253 AU

Attention, astronomical year style is used: The year -1376 in astronomical counting style is the year 1377 BCE in historical counting style.

direct	-1376 May 17 j 04:23	1°♍09'58	
evening set	-1376 Aug 29 j 15:51	8°♍29'33	
conjunction	-1376 Sep 15 j 12:56	10°♍28'42	2°17'36
minimum elong	-1376 Sep 15 j 12:55	10°♍28'42	2°17'37
max. Earth dist.	-1376 Sep 15 j 13:11	10°♍28'47	10.96447 AU
morning rise	-1376 Oct 02 j 05:34	12°♍26'35	
retrograde	-1375 Jan 09 j 03:42	19°♍24'17	
opposition	-1375 Mar 19 j 04:38	16°♍07'31	2°51'22
min. Earth dist.	-1375 Mar 19 j 05:27	16°♍07'22	9.01398 AU
direct	-1375 May 29 j 13:28	12°♍45'37	
evening set	-1375 Sep 10 j 10:58	19°♍58'08	
conjunction	-1375 Sep 27 j 04:18	21°♍55'14	2°21'34
minimum elong	-1375 Sep 27 j 04:18	21°♍55'14	2°21'34
max. Earth dist.	-1375 Sep 27 j 01:37	21°♍54'27	11.05451 AU
morning rise	-1375 Oct 13 j 17:47	23°♍51'16	
	-1375 Dec 21 j 15:32	0°♎	
retrograde	-1374 Jan 20 j 17:24	0°♎45'07	
	-1374 Feb 20 j 08:05	30°℞♍	
opposition	-1374 Mar 31 j 04:56	27°♍28'55	2°52'33
min. Earth dist.	-1374 Mar 31 j 08:51	27°♍28'11	9.09250 AU
direct	-1374 Jun 10 j 17:46	24°♍08'08	
	-1374 Sep 10 j 20:36	0°♎	
evening set	-1374 Sep 21 j 23:03	1°♎14'44	
conjunction	-1374 Oct 08 j 13:26	3°♎10'21	2°19'58
minimum elong	-1374 Oct 08 j 13:27	3°♎10'21	2°19'57
max. Earth dist.	-1374 Oct 08 j 07:19	3°♎08'34	11.12046 AU
morning rise	-1374 Oct 25 j 00:54	5°♎05'08	
retrograde	-1373 Feb 01 j 04:25	11°♎56'49	
opposition	-1373 Apr 12 j 02:46	8°♎40'51	2°47'11
min. Earth dist.	-1373 Apr 12 j 08:41	8°♎39'45	9.14580 AU
direct	-1373 Jun 22 j 16:37	5°♎21'03	
evening set	-1373 Oct 03 j 05:52	12°♎22'56	
conjunction	-1373 Oct 19 j 18:25	14°♎17'38	2°13'03
minimum elong	-1373 Oct 19 j 18:27	14°♎17'39	2°13'03
max. Earth dist.	-1373 Oct 19 j 10:30	14°♎15'20	11.16080 AU
morning rise	-1373 Nov 05 j 04:46	16°♎11'45	
retrograde	-1372 Feb 12 j 16:32	23°♎02'54	
opposition	-1372 Apr 22 j 23:07	19°♎46'48	2°35'38
min. Earth dist.	-1372 Apr 23 j 06:09	19°♎45'31	9.17277 AU
direct	-1372 Jul 03 j 12:57	16°♎27'45	
evening set	-1372 Oct 13 j 09:05	23°♎26'14	
conjunction	-1372 Oct 29 j 20:48	25°♎20'35	2°01'13
minimum elong	-1372 Oct 29 j 20:50	25°♎20'35	2°01'13
max. Earth dist.	-1372 Oct 29 j 11:56	25°♎18'00	11.17464 AU
morning rise	-1372 Nov 15 j 06:52	27°♎14'32	
	-1372 Dec 10 j 20:25	0°♏	
retrograde	-1371 Feb 23 j 06:03	4°♏06'43	
opposition	-1371 May 04 j 19:20	0°♏50'13	2°18'23
min. Earth dist.	-1371 May 05 j 03:33	0°♏48'42	9.17286 AU
	-1371 May 16 j 09:11	30°℞♎	
direct	-1371 Jul 15 j 04:27	27°♎31'43	
	-1371 Sep 10 j 03:18	0°♏	
evening set	-1371 Oct 24 j 10:37	4°♏28'08	
conjunction	-1371 Nov 09 j 22:03	6°♏22'36	1°44'53
minimum elong	-1371 Nov 09 j 22:05	6°♏22'37	1°44'52
max. Earth dist.	-1371 Nov 09 j 11:31	6°♏19'32	11.16176 AU
morning rise	-1371 Nov 26 j 08:47	8°♏16'58	
	-1370 Feb 19 j 06:50	15°♏	
retrograde	-1370 Mar 06 j 20:44	15°♏11'48	
	-1370 Mar 22 j 13:34	15°℞♏	
opposition	-1370 May 16 j 16:35	11°♏54'35	1°56'00
min. Earth dist.	-1370 May 17 j 02:32	11°♏52'46	9.14640 AU
direct	-1370 Jul 26 j 18:55	8°♏36'21	
	-1370 Oct 30 j 18:49	15°♏	
evening set	-1370 Nov 04 j 12:14	15°♏32'14	
max. Earth dist.	-1370 Nov 20 j 11:58	17°♏23'47	11.12292 AU
conjunction	-1370 Nov 21 j 00:04	17°♏27'19	1°24'33
minimum elong	-1370 Nov 21 j 00:07	17°♏27'20	1°24'33
morning rise	-1370 Dec 07 j 12:21	19°♏22'35	
retrograde	-1369 Mar 18 j 15:50	26°♏21'40	
opposition	-1369 May 28 j 15:48	23°♏03'29	1°29'06
min. Earth dist.	-1369 May 29 j 02:36	23°♏01'30	9.09454 AU
direct	-1369 Aug 07 j 10:26	19°♏45'17	
evening set	-1369 Nov 15 j 15:37	26°♏42'09	
conjunction	-1369 Dec 02 j 04:40	28°♏38'20	1°00'50
minimum elong	-1369 Dec 02 j 04:42	28°♏38'21	1°00'49
max. Earth dist.	-1369 Dec 01 j 16:34	28°♏34'46	11.05940 AU
	-1369 Dec 13 j 18:32	0°♐	
morning rise	-1369 Dec 18 j 18:56	0°♐34'57	
retrograde	-1368 Mar 29 j 16:01	7°♐39'56	
opposition	-1368 Jun 08 j 18:04	4°♐20'32	0°58'25
min. Earth dist.	-1368 Jun 09 j 04:29	4°♐18'36	9.01891 AU
direct	-1368 Aug 18 j 02:51	1°♐02'10	
evening set	-1368 Nov 25 j 22:54	8°♐01'39	
conjunction	-1368 Dec 12 j 13:40	9°♐59'21	0°34'26
minimum elong	-1368 Dec 12 j 13:41	9°♐59'22	0°34'23
max. Earth dist.	-1368 Dec 12 j 02:07	9°♐55'56	10.97316 AU
morning rise	-1368 Dec 29 j 06:16	11°♐57'42	
retrograde	-1367 Apr 11 j 00:37	19°♐10'10	
opposition	-1367 Jun 21 j 00:34	15°♐49'24	0°24'49
min. Earth dist.	-1367 Jun 21 j 10:19	15°♐47'35	8.92202 AU
direct	-1367 Aug 29 j 21:47	12°♐30'40	
evening set	-1367 Dec 07 j 12:00	19°♐34'25	
conjunction	-1367 Dec 24 j 04:43	21°♐34'00	0°06'11
minimum elong	-1367 Dec 24 j 04:43	21°♐34'00	0°06'09
behind sun begin	-1367 Dec 23 j 22:04	21°♐32'02	
behind sun end	-1367 Dec 24 j 11:22	21°♐35'59	
max. Earth dist.	-1367 Dec 23 j 16:58	21°♐30'29	10.86727 AU
morning rise	-1366 Jan 10 j 00:13	23°♐34'31	
desc. node	-1366 Mar 13 j 19:16	29°♐36'02	
	-1366 Mar 20 j 15:15	0°♑	
retrograde	-1366 Apr 23 j 16:04	0°♑55'53	
	-1366 May 28 j 04:33	30°℞♐	
opposition	-1366 Jul 03 j 12:37	27°♐33'39	-0°10'36
min. Earth dist.	-1366 Jul 03 j 22:03	27°♐31'52	8.80745 AU
direct	-1366 Sep 10 j 18:37	24°♐14'18	
	-1366 Dec 07 j 08:20	0°♑	
evening set	-1366 Dec 19 j 08:32	1°♑23'58	
conjunction	-1365 Jan 05 j 03:35	3°♑25'46	-0°23'03
minimum elong	-1365 Jan 05 j 03:34	3°♑25'45	0°23'05
max. Earth dist.	-1365 Jan 04 j 16:02	3°♑22'15	10.74560 AU
morning rise	-1365 Jan 22 j 02:22	5°♑28'44	
retrograde	-1365 May 06 j 14:46	13°♑00'19	
opposition	-1365 Jul 16 j 06:53	9°♑36'31	-0°46'35
min. Earth dist.	-1365 Jul 16 j 15:47	9°♑34'49	8.67954 AU
direct	-1365 Sep 22 j 23:50	6°♑16'21	
evening set	-1365 Dec 31 j 14:25	13°♑33'29	
conjunction	-1364 Jan 17 j 12:14	15°♑37'49	-0°51'55
minimum elong	-1364 Jan 17 j 12:12	15°♑37'48	0°51'55
max. Earth dist.	-1364 Jan 17 j 02:21	15°♑34'46	10.61281 AU
morning rise	-1364 Feb 03 j 14:19	17°♑43'29	
retrograde	-1364 May 19 j 00:12	25°♑26'14	

Attention, astronomical year style is used: The year -1364 in astronomical counting style is the year 1365 BCE in historical counting style.

opposition	-1364 Jul 28 j 07:55	22°♑00'50	-1°21'33
min. Earth dist.	-1364 Jul 28 j 15:15	21°♑59'25	8.54353 AU
direct	-1364 Oct 04 j 11:12	18°♑39'42	
evening set	-1363 Jan 12 j 07:00	26°♑05'39	
conjunction	-1363 Jan 29 j 07:54	28°♑12'42	-1°19'06
minimum elong	-1363 Jan 29 j 07:52	28°♑12'41	1°19'06
max. Earth dist.	-1363 Jan 29 j 00:35	28°♑10'24	10.47467 AU
	-1363 Feb 12 j 16:14	0°♒	
morning rise	-1363 Feb 15 j 13:21	0°♒21'15	
retrograde	-1363 Jun 01 j 20:05	8°♒15'39	
opposition	-1363 Aug 10 j 16:31	4°♒48'43	-1°53'42
min. Earth dist.	-1363 Aug 10 j 21:18	4°♒47'46	8.40563 AU
direct	-1363 Oct 17 j 05:01	1°♒26'30	
evening set	-1362 Jan 25 j 11:24	9°♒02'15	
conjunction	-1362 Feb 11 j 15:36	11°♒12'10	-1°43'04
minimum elong	-1362 Feb 11 j 15:34	11°♒12'09	1°43'04
max. Earth dist.	-1362 Feb 11 j 10:50	11°♒10'39	10.33790 AU
morning rise	-1362 Mar 01 j 00:37	13°♒23'40	
	-1362 Mar 14 j 05:16	15°♒	
retrograde	-1362 Jun 16 j 00:15	21°♒29'32	
opposition	-1362 Aug 24 j 08:39	18°♒01'12	-2°20'59
min. Earth dist.	-1362 Aug 24 j 10:56	18°♒00'44	8.27283 AU
	-1362 Oct 10 j 04:47	15°℞♒	
direct	-1362 Oct 30 j 08:21	14°♒37'48	
	-1362 Nov 19 j 07:37	15°♒	
evening set	-1361 Feb 08 j 04:27	22°♒23'54	
conjunction	-1361 Feb 25 j 12:13	24°♒36'43	-2°02'11
minimum elong	-1361 Feb 25 j 12:11	24°♒36'43	2°02'11
max. Earth dist.	-1361 Feb 25 j 09:47	24°♒35'56	10.20981 AU
morning rise	-1361 Mar 15 j 00:59	26°♒51'10	
	-1361 Apr 10 j 07:17	0°♓	
retrograde	-1361 Jun 30 j 12:52	5°♓07'23	
opposition	-1361 Sep 07 j 07:45	1°♓37'54	-2°41'20
min. Earth dist.	-1361 Sep 07 j 07:51	1°♓37'53	8.15249 AU
	-1361 Sep 28 j 09:24	30°℞♒	
direct	-1361 Nov 12 j 20:19	28°♒13'16	
	-1361 Dec 27 j 02:28	0°♓	
evening set	-1360 Feb 22 j 09:45	6°♓09'38	
conjunction	-1360 Mar 10 j 21:24	8°♓25'16	-2°14'52
minimum elong	-1360 Mar 10 j 21:23	8°♓25'16	2°14'53
max. Earth dist.	-1360 Mar 10 j 21:34	8°♓25'19	10.09792 AU
morning rise	-1360 Mar 28 j 13:58	10°♓42'28	
retrograde	-1360 Jul 14 j 08:02	19°♓07'06	
opposition	-1360 Sep 20 j 13:11	15°♓36'47	-2°52'47
min. Earth dist.	-1360 Sep 20 j 11:20	15°♓37'10	8.05189 AU
direct	-1360 Nov 25 j 17:21	12°♓10'55	
evening set	-1359 Mar 08 j 02:02	20°♓16'37	
conjunction	-1359 Mar 25 j 17:53	22°♓34'49	-2°19'49
minimum elong	-1359 Mar 25 j 17:53	22°♓34'49	2°19'49
max. Earth dist.	-1359 Mar 25 j 21:24	22°♓35'58	10.00932 AU
morning rise	-1359 Apr 12 j 14:09	24°♓54'26	
	-1359 May 26 j 10:34	0°♈	
retrograde	-1359 Jul 29 j 07:12	3°♈24'36	
	-1359 Oct 03 j 17:20	30°℞♓	
opposition	-1359 Oct 04 j 23:19	29°♓53'49	-2°53'54
min. Earth dist.	-1359 Oct 04 j 19:14	29°♓54'39	7.97751 AU
direct	-1359 Dec 09 j 23:22	26°♓26'47	
	-1358 Feb 11 j 14:52	0°♈	
evening set	-1358 Mar 23 j 03:42	4°♈40'09	
conjunction	-1358 Apr 09 j 23:50	7°♈00'30	-2°16'11
minimum elong	-1358 Apr 09 j 23:52	7°♈00'30	2°16'11
max. Earth dist.	-1358 Apr 10 j 06:42	7°♈02'46	9.94987 AU
morning rise	-1358 Apr 27 j 23:31	9°♈21'58	
retrograde	-1358 Aug 13 j 06:59	17°♈54'06	
opposition	-1358 Oct 19 j 12:02	14°♈23'15	-2°44'02
min. Earth dist.	-1358 Oct 19 j 05:48	14°♈24'33	7.93416 AU
direct	-1358 Dec 24 j 13:00	10°♈55'12	
evening set	-1357 Apr 07 j 11:52	19°♈13'52	
conjunction	-1357 Apr 25 j 11:57	21°♈35'43	-2°03'53
minimum elong	-1357 Apr 25 j 12:01	21°♈35'44	2°03'53
max. Earth dist.	-1357 Apr 25 j 21:40	21°♈38'56	9.92330 AU
morning rise	-1357 May 13 j 14:21	23°♈58'18	
	-1357 Jul 06 j 02:40	0°♉	
retrograde	-1357 Aug 28 j 04:45	2°♉28'39	
	-1357 Oct 21 j 12:15	30°℞♈	
opposition	-1357 Nov 03 j 01:26	28°♈58'07	-2°23'32
min. Earth dist.	-1357 Nov 02 j 17:17	28°♈59'49	7.92420 AU
direct	-1356 Jan 08 j 06:24	25°♈29'15	
	-1356 Mar 21 j 06:21	0°♉	
evening set	-1356 Apr 21 j 22:57	3°♉50'28	
conjunction	-1356 May 10 j 02:07	6°♉13'00	-1°43'38
minimum elong	-1356 May 10 j 02:11	6°♉13'02	1°43'38
max. Earth dist.	-1356 May 10 j 13:54	6°♉16'54	9.93053 AU
morning rise	-1356 May 28 j 06:11	8°♉35'50	
	-1356 Jul 25 j 12:30	15°♉	
retrograde	-1356 Sep 10 j 22:55	17°♉01'00	
	-1356 Oct 29 j 05:13	15°℞♉	
opposition	-1356 Nov 16 j 13:16	13°♉31'13	-1°53'49
min. Earth dist.	-1356 Nov 16 j 03:54	13°♉33'10	7.94725 AU
direct	-1355 Jan 22 j 01:26	10°♉01'47	
	-1355 Apr 09 j 15:46	15°♉	
evening set	-1355 May 07 j 09:50	18°♉22'53	
conjunction	-1355 May 25 j 14:49	20°♉45'14	-1°16'52
minimum elong	-1355 May 25 j 14:52	20°♉45'16	1°16'52
max. Earth dist.	-1355 May 26 j 03:31	20°♉49'24	9.97002 AU
morning rise	-1355 Jun 12 j 19:14	23°♉07'25	
	-1355 Aug 17 j 03:56	0°♊	
retrograde	-1355 Sep 25 j 11:28	1°♊24'41	
	-1355 Nov 04 j 04:51	30°℞♉	
opposition	-1355 Nov 30 j 21:40	27°♉56'02	-1°17'09
min. Earth dist.	-1355 Nov 30 j 12:06	27°♉58'01	8.00135 AU
direct	-1354 Feb 05 j 19:50	24°♉26'21	
	-1354 Apr 30 j 06:21	0°♊	
evening set	-1354 May 22 j 17:21	2°♊44'54	
conjunction	-1354 Jun 09 j 22:29	5°♊06'07	-0°45'37
minimum elong	-1354 Jun 09 j 22:32	5°♊06'08	0°45'36
max. Earth dist.	-1354 Jun 10 j 11:08	5°♊10'13	10.03934 AU
morning rise	-1354 Jun 28 j 01:43	7°♊26'42	
retrograde	-1354 Oct 09 j 16:25	15°♊34'07	
opposition	-1354 Dec 15 j 01:19	12°♊06'53	-0°36'22
min. Earth dist.	-1354 Dec 14 j 16:06	12°♊08'47	8.08382 AU
direct	-1353 Feb 20 j 12:50	8°♊37'16	
evening set	-1353 Jun 06 j 18:27	16°♊50'56	
conjunction	-1353 Jun 24 j 21:54	19°♊10'07	-0°12'09
minimum elong	-1353 Jun 24 j 21:55	19°♊10'07	0°12'09
behind sun begin	-1353 Jun 24 j 17:04	19°♊08'34	
behind sun end	-1353 Jun 25 j 02:46	19°♊11'39	
max. Earth dist.	-1353 Jun 25 j 09:49	19°♊13'56	10.13487 AU
morning rise	-1353 Jul 12 j 22:21	21°♊28'17	
retrograde	-1353 Oct 23 j 10:43	29°♊24'39	
asc. node	-1353 Nov 08 j 03:18	29°♊10'52	
opposition	-1353 Dec 28 j 22:52	25°♊59'00	0°05'36
min. Earth dist.	-1353 Dec 28 j 14:20	26°♊00'45	8.19022 AU

Attention, astronomical year style is used: The year -1352 in astronomical counting style is the year 1353 BCE in historical counting style.

direct	-1352 Mar 06 j 02:12	22°♊29'46	
	-1352 Jun 15 j 11:50	0°♋	
evening set	-1352 Jun 20 j 10:37	0°♋36'40	
conjunction	-1352 Jul 08 j 10:52	2°♋53'04	0°21'21
minimum elong	-1352 Jul 08 j 10:51	2°♋53'04	0°21'22
max. Earth dist.	-1352 Jul 08 j 21:20	2°♋56'23	10.25117 AU
morning rise	-1352 Jul 26 j 07:15	5°♋08'13	
retrograde	-1352 Nov 04 j 18:49	12°♋53'10	
opposition	-1351 Jan 10 j 13:21	9°♋29'08	0°46'04
min. Earth dist.	-1351 Jan 10 j 05:33	9°♋30'42	8.31436 AU
direct	-1351 Mar 20 j 08:49	6°♋00'31	
evening set	-1351 Jul 04 j 16:07	13°♋59'22	
conjunction	-1351 Jul 22 j 11:59	16°♋12'32	0°52'48
minimum elong	-1351 Jul 22 j 11:57	16°♋12'32	0°52'49
max. Earth dist.	-1351 Jul 22 j 20:44	16°♋15'17	10.38139 AU
morning rise	-1351 Aug 09 j 03:21	18°♋24'15	
retrograde	-1351 Nov 17 j 18:27	25°♋58'07	
opposition	-1350 Jan 23 j 20:35	22°♋35'39	1°22'50
min. Earth dist.	-1350 Jan 23 j 13:22	22°♋37'04	8.44896 AU
direct	-1350 Apr 03 j 07:20	19°♋07'56	
evening set	-1350 Jul 18 j 10:03	26°♋57'56	
conjunction	-1350 Aug 05 j 00:47	29°♋07'41	1°20'43
minimum elong	-1350 Aug 05 j 00:44	29°♋07'40	1°20'44
max. Earth dist.	-1350 Aug 05 j 08:14	29°♋09'59	10.51817 AU
	-1350 Aug 12 j 02:12	0°♌	
morning rise	-1350 Aug 22 j 10:31	1°♌15'52	
retrograde	-1350 Nov 30 j 09:25	8°♌39'26	
opposition	-1349 Feb 05 j 20:36	5°♌18'27	1°54'18
min. Earth dist.	-1349 Feb 05 j 14:34	5°♌19'38	8.58675 AU
direct	-1349 Apr 16 j 21:16	1°♌51'48	
evening set	-1349 Jul 31 j 16:07	9°♌32'42	
conjunction	-1349 Aug 18 j 01:26	11°♌39'03	1°43'59
minimum elong	-1349 Aug 18 j 01:23	11°♌39'02	1°44'00
max. Earth dist.	-1349 Aug 18 j 07:23	11°♌40'52	10.65453 AU
morning rise	-1349 Sep 04 j 05:30	13°♌43'50	
	-1349 Sep 15 j 01:27	15°♌	
retrograde	-1349 Dec 12 j 16:25	20°♌58'17	
opposition	-1348 Feb 18 j 13:55	17°♌38'37	2°19'26
min. Earth dist.	-1348 Feb 18 j 09:51	17°♌39'24	8.72102 AU
	-1348 Mar 28 j 22:07	15°℞♌	
direct	-1348 Apr 29 j 02:56	14°♌13'09	
	-1348 May 30 j 02:51	15°♌	
evening set	-1348 Aug 12 j 10:39	21°♌45'07	
conjunction	-1348 Aug 29 j 14:36	23°♌48'18	2°01'54
minimum elong	-1348 Aug 29 j 14:34	23°♌48'17	2°01'56
max. Earth dist.	-1348 Aug 29 j 18:15	23°♌49'24	10.78414 AU
morning rise	-1348 Sep 15 j 13:33	25°♌50'00	
	-1348 Oct 24 j 14:05	0°♍	
retrograde	-1348 Dec 23 j 16:36	2°♍56'40	
	-1347 Feb 25 j 06:07	30°℞♌	
opposition	-1347 Mar 02 j 01:05	29°♌38'09	2°37'41
min. Earth dist.	-1347 Mar 01 j 23:33	29°♌38'27	8.84572 AU
direct	-1347 May 11 j 23:38	26°♌13'55	
	-1347 Jul 22 j 05:43	0°♍	
evening set	-1347 Aug 24 j 18:47	3°♍37'30	
conjunction	-1347 Sep 10 j 17:46	5°♍37'54	2°14'09
minimum elong	-1347 Sep 10 j 17:44	5°♍37'53	2°14'10
max. Earth dist.	-1347 Sep 10 j 18:09	5°♍38'01	10.90153 AU
morning rise	-1347 Sep 27 j 12:19	7°♍36'58	
retrograde	-1346 Jan 04 j 09:23	14°♍37'21	
opposition	-1346 Mar 14 j 06:53	11°♍19'45	2°48'51
min. Earth dist.	-1346 Mar 14 j 07:07	11°♍19'42	8.95571 AU
direct	-1346 May 24 j 13:33	7°♍56'45	
evening set	-1346 Sep 05 j 17:30	15°♍12'45	
conjunction	-1346 Sep 22 j 12:23	17°♍10'50	2°20'37
minimum elong	-1346 Sep 22 j 12:22	17°♍10'49	2°20'37
max. Earth dist.	-1346 Sep 22 j 10:37	17°♍10'18	11.00223 AU
morning rise	-1346 Oct 09 j 03:22	19°♍07'46	
retrograde	-1345 Jan 16 j 00:59	26°♍03'28	
opposition	-1345 Mar 26 j 08:33	22°♍46'32	2°53'02
min. Earth dist.	-1345 Mar 26 j 09:57	22°♍46'16	9.04690 AU
direct	-1345 Jun 05 j 21:43	19°♍24'47	
evening set	-1345 Sep 17 j 08:13	26°♍34'07	
conjunction	-1345 Oct 03 j 24:00	28°♍30'27	2°21'26
minimum elong	-1345 Oct 03 j 24:00	28°♍30'27	2°21'25
max. Earth dist.	-1345 Oct 03 j 21:01	28°♍29'34	11.08256 AU
	-1345 Oct 16 j 18:42	0°♎	
morning rise	-1345 Oct 20 j 12:16	0°♎25'48	
retrograde	-1344 Jan 27 j 13:28	7°♎18'23	
opposition	-1344 Apr 06 j 07:03	4°♎01'53	2°50'28
min. Earth dist.	-1344 Apr 06 j 10:08	4°♎01'19	9.11603 AU
direct	-1344 Jun 16 j 21:18	0°♎41'19	
evening set	-1344 Sep 27 j 16:57	7°♎45'09	
conjunction	-1344 Oct 14 j 06:24	9°♎40'14	2°16'48
minimum elong	-1344 Oct 14 j 06:25	9°♎40'15	2°16'47
max. Earth dist.	-1344 Oct 14 j 01:24	9°♎38'47	11.13971 AU
morning rise	-1344 Oct 30 j 17:03	11°♎34'36	
retrograde	-1343 Feb 07 j 00:26	18°♎25'39	
opposition	-1343 Apr 18 j 03:29	15°♎09'22	2°41'33
min. Earth dist.	-1343 Apr 18 j 08:57	15°♎08'21	9.16077 AU
direct	-1343 Jun 28 j 17:20	11°♎49'46	
evening set	-1343 Oct 08 j 21:21	18°♎49'26	
conjunction	-1343 Oct 25 j 09:14	20°♎43'50	2°07'05
minimum elong	-1343 Oct 25 j 09:16	20°♎43'50	2°07'04
max. Earth dist.	-1343 Oct 25 j 01:42	20°♎41'38	11.17185 AU
morning rise	-1343 Nov 10 j 19:23	22°♎37'45	
retrograde	-1342 Feb 18 j 11:25	29°♎28'54	
opposition	-1342 Apr 29 j 23:17	26°♎12'31	2°26'43
min. Earth dist.	-1342 Apr 30 j 06:26	26°♎11'13	9.17970 AU
direct	-1342 Jul 10 j 10:20	22°♎53'45	
evening set	-1342 Oct 19 j 22:53	29°♎50'32	
	-1342 Oct 21 j 08:05	0°♏	
conjunction	-1342 Nov 05 j 10:13	1°♏44'47	1°52'40
minimum elong	-1342 Nov 05 j 10:16	1°♏44'48	1°52'40
max. Earth dist.	-1342 Nov 05 j 01:28	1°♏42'14	11.17793 AU
morning rise	-1342 Nov 21 j 20:39	3°♏38'48	
retrograde	-1341 Mar 02 j 00:46	10°♏31'43	
opposition	-1341 May 11 j 19:21	7°♏14'56	2°06'31
min. Earth dist.	-1341 May 12 j 02:58	7°♏13'32	9.17217 AU
direct	-1341 Jul 22 j 02:00	3°♏56'46	
evening set	-1341 Oct 30 j 23:43	10°♏52'09	
conjunction	-1341 Nov 16 j 11:22	12°♏46'45	1°34'03
minimum elong	-1341 Nov 16 j 11:24	12°♏46'45	1°34'02
max. Earth dist.	-1341 Nov 16 j 02:22	12°♏44'07	11.15763 AU
morning rise	-1341 Dec 02 j 22:43	14°♏41'21	
	-1341 Dec 05 j 16:17	15°♏	
retrograde	-1340 Mar 12 j 19:32	21°♏37'35	
opposition	-1340 May 22 j 16:46	18°♏20'10	1°41'32
min. Earth dist.	-1340 May 23 j 01:02	18°♏18'40	9.13840 AU
direct	-1340 Aug 01 j 16:13	15°♏02'24	
evening set	-1340 Nov 10 j 01:43	21°♏57'51	

Attention, astronomical year style is used: The year -1340 in astronomical counting style is the year 1341 BCE in historical counting style.

conjunction	-1340 Nov 26 j 14:07	23°♏53'16	1°11'47
minimum elong	-1340 Nov 26 j 14:10	23°♏53'17	1°11'45
max. Earth dist.	-1340 Nov 26 j 03:50	23°♏50'15	11.11158 AU
morning rise	-1340 Dec 13 j 03:13	25°♏48'58	
	-1339 Jan 22 j 15:11	0°♐	
retrograde	-1339 Mar 24 j 15:57	2°♐50'07	
	-1339 May 28 j 07:04	30°℞♏	
opposition	-1339 Jun 03 j 17:00	29°♏31'49	1°12'29
min. Earth dist.	-1339 Jun 04 j 02:21	29°♏30'06	9.07948 AU
direct	-1339 Aug 13 j 05:18	26°♏14'08	
	-1339 Oct 22 j 17:20	0°♐	
evening set	-1339 Nov 21 j 06:31	3°♐11'16	
conjunction	-1339 Dec 07 j 20:10	5°♐07'55	0°46'31
minimum elong	-1339 Dec 07 j 20:12	5°♐07'56	0°46'29
max. Earth dist.	-1339 Dec 07 j 08:40	5°♐04'32	11.04124 AU
morning rise	-1339 Dec 24 j 11:36	7°♐05'07	
retrograde	-1338 Apr 05 j 19:11	14°♐12'49	
opposition	-1338 Jun 15 j 21:00	10°♐53'22	0°40'09
min. Earth dist.	-1338 Jun 16 j 07:01	10°♐51'31	8.99730 AU
direct	-1338 Aug 24 j 23:20	7°♐35'29	
evening set	-1338 Dec 02 j 16:05	14°♐35'55	
conjunction	-1338 Dec 19 j 07:39	16°♐34'13	0°19'03
minimum elong	-1338 Dec 19 j 07:39	16°♐34'13	0°19'01
max. Earth dist.	-1338 Dec 18 j 20:30	16°♐30'54	10.94869 AU
morning rise	-1337 Jan 05 j 01:43	18°♐33'20	
retrograde	-1337 Apr 18 j 05:57	25°♐49'03	
opposition	-1337 Jun 28 j 05:29	22°♐28'13	0°05'32
min. Earth dist.	-1337 Jun 28 j 15:00	22°♐26'27	8.89433 AU
desc. node	-1337 Aug 26 j 02:38	19°♐15'40	
direct	-1337 Sep 05 j 19:28	19°♐09'53	
evening set	-1337 Dec 14 j 08:11	26°♐15'15	
conjunction	-1337 Dec 31 j 02:04	28°♐15'35	-0°09'50
minimum elong	-1337 Dec 31 j 02:03	28°♐15'35	0°09'51
behind sun begin	-1337 Dec 30 j 20:18	28°♐13'52	
behind sun end	-1337 Dec 31 j 07:49	28°♐17'18	
max. Earth dist.	-1337 Dec 30 j 15:33	28°♐12'25	10.83656 AU
	-1336 Jan 14 j 13:49	0°♑	
morning rise	-1336 Jan 16 j 23:01	0°♑16'56	
retrograde	-1336 Apr 30 j 00:57	7°♑42'06	
opposition	-1336 Jul 09 j 19:42	4°♑19'44	-0°30'13
min. Earth dist.	-1336 Jul 10 j 04:20	4°♑18'06	8.77353 AU
direct	-1336 Sep 16 j 20:18	1°♑00'42	
evening set	-1336 Dec 25 j 08:40	8°♑12'40	
conjunction	-1335 Jan 11 j 05:00	10°♑15'21	-0°38'51
minimum elong	-1335 Jan 11 j 04:59	10°♑15'21	0°38'51
max. Earth dist.	-1335 Jan 10 j 18:35	10°♑12'11	10.70840 AU
morning rise	-1335 Jan 28 j 05:09	12°♑19'17	
retrograde	-1335 May 13 j 05:45	19°♑55'08	
opposition	-1335 Jul 22 j 16:35	16°♑31'11	-1°05'41
min. Earth dist.	-1335 Jul 23 j 00:27	16°♑29'40	8.63934 AU
direct	-1335 Sep 29 j 02:11	13°♑11'12	
evening set	-1334 Jan 06 j 19:13	20°♑31'21	
conjunction	-1334 Jan 23 j 18:17	22°♑36'40	-1°06'52
minimum elong	-1334 Jan 23 j 18:15	22°♑36'39	1°06'53
max. Earth dist.	-1334 Jan 23 j 08:10	22°♑33'31	10.56973 AU
morning rise	-1334 Feb 09 j 21:58	24°♑43'25	
	-1334 Mar 31 j 13:19	0°♒	
retrograde	-1334 May 26 j 19:08	2°♒30'46	
	-1334 Jul 23 j 22:45	30°℞♑	
opposition	-1334 Aug 04 j 20:45	29°♑05'10	-1°39'14
min. Earth dist.	-1334 Aug 05 j 03:52	29°♑03'47	8.49826 AU
direct	-1334 Oct 11 j 15:37	25°♑44'01	
	-1334 Dec 22 j 20:58	0°♒	
evening set	-1333 Jan 19 j 17:00	3°♒13'38	
conjunction	-1333 Feb 05 j 19:17	5°♒21'46	-1°32'26
minimum elong	-1333 Feb 05 j 19:14	5°♒21'46	1°32'27
max. Earth dist.	-1333 Feb 05 j 11:02	5°♒19'11	10.42754 AU
morning rise	-1333 Feb 23 j 02:33	7°♒31'30	
	-1333 May 16 j 05:52	15°♒	
retrograde	-1333 Jun 09 j 16:49	15°♒30'32	
	-1333 Jul 04 j 08:06	15°℞♒	
opposition	-1333 Aug 18 j 08:22	12°♒03'19	-2°08'56
min. Earth dist.	-1333 Aug 18 j 13:50	12°♒02'14	8.35759 AU
direct	-1333 Oct 24 j 15:11	8°♒40'49	
	-1332 Jan 22 j 03:50	15°♒	
evening set	-1332 Feb 02 j 02:59	16°♒20'42	
conjunction	-1332 Feb 19 j 08:49	18°♒31'48	-1°53'57
minimum elong	-1332 Feb 19 j 08:46	18°♒31'47	1°53'58
max. Earth dist.	-1332 Feb 19 j 03:32	18°♒30'06	10.28930 AU
morning rise	-1332 Mar 07 j 19:38	20°♒44'30	
retrograde	-1332 Jun 23 j 00:18	28°♒54'40	
opposition	-1332 Aug 31 j 03:10	25°♒25'58	-2°32'44
min. Earth dist.	-1332 Aug 31 j 06:09	25°♒25'22	8.22490 AU
direct	-1332 Nov 05 j 22:21	22°♒02'04	
evening set	-1331 Feb 15 j 01:19	29°♒52'26	
	-1331 Feb 16 j 01:12	0°♓	
conjunction	-1331 Mar 04 j 11:01	2°♓06'28	-2°09'49
minimum elong	-1331 Mar 04 j 10:59	2°♓06'27	2°09'50
max. Earth dist.	-1331 Mar 04 j 09:11	2°♓05'52	10.16288 AU
morning rise	-1331 Mar 22 j 01:29	4°♓22'05	
retrograde	-1331 Jul 07 j 15:51	12°♓41'56	
opposition	-1331 Sep 14 j 04:44	9°♓11'59	-2°48'36
min. Earth dist.	-1331 Sep 14 j 04:45	9°♓11'59	8.10785 AU
direct	-1331 Nov 19 j 13:59	5°♓46'39	
evening set	-1330 Mar 01 j 11:25	13°♓47'05	
conjunction	-1330 Mar 19 j 01:16	16°♓03'54	-2°18'34
minimum elong	-1330 Mar 19 j 01:16	16°♓03'53	2°18'35
max. Earth dist.	-1330 Mar 19 j 02:34	16°♓04'19	10.05582 AU
morning rise	-1330 Apr 05 j 19:31	18°♓22'11	
retrograde	-1330 Jul 22 j 12:50	26°♓49'21	
opposition	-1330 Sep 28 j 11:52	23°♓18'31	-2°54'49
min. Earth dist.	-1330 Sep 28 j 09:21	23°♓19'02	8.01344 AU
direct	-1330 Dec 03 j 14:36	19°♓51'48	
evening set	-1329 Mar 16 j 08:05	28°♓01'06	
	-1329 Mar 31 j 12:12	0°♈	
conjunction	-1329 Apr 03 j 02:09	0°♈20'23	-2°19'06
minimum elong	-1329 Apr 03 j 02:10	0°♈20'23	2°19'06
max. Earth dist.	-1329 Apr 03 j 06:12	0°♈21'43	9.97480 AU
morning rise	-1329 Apr 21 j 00:02	2°♈40'55	
retrograde	-1329 Aug 06 j 12:21	11°♈12'11	
opposition	-1329 Oct 12 j 22:50	7°♈40'56	-2°50'17
min. Earth dist.	-1329 Oct 12 j 18:22	7°♈41'52	7.94767 AU
direct	-1329 Dec 17 j 23:21	4°♈12'57	
evening set	-1328 Mar 30 j 12:45	12°♈29'11	
conjunction	-1328 Apr 17 j 10:54	14°♈50'25	-2°10'57
minimum elong	-1328 Apr 17 j 10:57	14°♈50'26	2°10'57
max. Earth dist.	-1328 Apr 17 j 17:34	14°♈52'37	9.92520 AU
morning rise	-1328 May 05 j 12:02	17°♈12'35	
retrograde	-1328 Aug 20 j 11:29	25°♈44'21	
opposition	-1328 Oct 26 j 11:56	22°♈13'08	-2°34'48
min. Earth dist.	-1328 Oct 26 j 05:49	22°♈14'24	7.91496 AU
direct	-1328 Dec 31 j 13:58	18°♈44'06	
evening set	-1327 Apr 14 j 22:20	27°♈04'40	

Attention, astronomical year style is used: The year -1327 in astronomical counting style is the year 1328 BCE in historical counting style.

conjunction	-1327 May 03 j 00:03	29°♈27'07	-1°54'23
minimum elong	-1327 May 03 j 00:07	29°♈27'09	1°54'23
max. Earth dist.	-1327 May 03 j 09:00	29°♈30'05	9.91036 AU
	-1327 May 07 j 03:34	0°♉	
morning rise	-1327 May 21 j 03:38	1°♉50'07	
retrograde	-1327 Sep 04 j 08:00	10°♉18'41	
opposition	-1327 Nov 10 j 00:47	6°♉47'58	-2°09'17
min. Earth dist.	-1327 Nov 09 j 17:21	6°♉49'31	7.91751 AU
direct	-1326 Jan 15 j 08:42	3°♉18'10	
evening set	-1326 Apr 30 j 09:49	11°♉40'15	
conjunction	-1326 May 18 j 14:04	14°♉03'01	-1°30'31
minimum elong	-1326 May 18 j 14:08	14°♉03'03	1°30'31
max. Earth dist.	-1326 May 19 j 00:43	14°♉06'32	9.93116 AU
	-1326 May 25 j 19:13	15°♉	
morning rise	-1326 Jun 05 j 18:48	16°♉25'52	
retrograde	-1326 Sep 18 j 23:14	24°♉47'55	
opposition	-1326 Nov 24 j 11:11	21°♉18'07	-1°35'37
min. Earth dist.	-1326 Nov 24 j 02:29	21°♉19'56	7.95506 AU
direct	-1325 Jan 30 j 04:49	17°♉47'55	
evening set	-1325 May 15 j 19:31	26°♉08'40	
conjunction	-1325 Jun 03 j 00:49	28°♉30'45	-1°01'08
minimum elong	-1325 Jun 03 j 00:52	28°♉30'46	1°01'07
max. Earth dist.	-1325 Jun 03 j 12:50	28°♉34'41	9.98600 AU
	-1325 Jun 14 j 10:19	0°♊	
morning rise	-1325 Jun 21 j 05:05	0°♊52'28	
retrograde	-1325 Oct 03 j 07:20	9°♊05'28	
opposition	-1325 Dec 08 j 17:32	5°♊36'57	-0°56'24
min. Earth dist.	-1325 Dec 08 j 07:42	5°♊38'59	8.02501 AU
direct	-1324 Feb 13 j 23:48	2°♊06'43	
evening set	-1324 May 29 j 23:54	10°♊23'30	
conjunction	-1324 Jun 17 j 04:33	12°♊43'57	-0°28'24
minimum elong	-1324 Jun 17 j 04:34	12°♊43'57	0°28'24
max. Earth dist.	-1324 Jun 17 j 17:25	12°♊48'07	10.07108 AU
morning rise	-1324 Jul 05 j 06:43	15°♊03'36	
retrograde	-1324 Oct 16 j 06:24	23°♊05'57	
opposition	-1324 Dec 21 j 18:13	19°♊38'58	-0°14'35
min. Earth dist.	-1324 Dec 21 j 07:57	19°♊41'05	8.12271 AU
direct	-1323 Feb 27 j 14:52	16°♊09'04	
asc. node	-1323 May 02 j 07:39	19°♊30'10	
evening set	-1323 Jun 13 j 20:44	24°♊19'50	
conjunction	-1323 Jul 01 j 22:59	26°♊37'49	0°05'26
minimum elong	-1323 Jul 01 j 22:59	26°♊37'49	0°05'26
behind sun begin	-1323 Jul 01 j 15:56	26°♊35'35	
behind sun end	-1323 Jul 02 j 06:02	26°♊40'03	
max. Earth dist.	-1323 Jul 02 j 11:47	26°♊41'54	10.18076 AU
morning rise	-1323 Jul 19 j 21:33	28°♊54'38	
	-1323 Jul 28 j 17:13	0°♋	
retrograde	-1323 Oct 29 j 20:47	6°♋45'34	
opposition	-1322 Jan 04 j 12:10	3°♋20'20	0°26'57
min. Earth dist.	-1322 Jan 04 j 02:29	3°♋22'18	8.24195 AU
	-1322 Mar 01 j 00:27	30°℞♊	
direct	-1322 Mar 13 j 23:17	29°♊51'05	
	-1322 Mar 26 j 22:43	0°♋	
evening set	-1322 Jun 28 j 07:50	7°♋54'18	
conjunction	-1322 Jul 16 j 06:10	10°♋09'14	0°38'03
minimum elong	-1322 Jul 16 j 06:09	10°♋09'13	0°38'03
max. Earth dist.	-1322 Jul 16 j 17:56	10°♋12'56	10.30819 AU
morning rise	-1322 Aug 03 j 00:00	12°♋22'44	
retrograde	-1322 Nov 12 j 02:03	20°♋02'17	
opposition	-1321 Jan 17 j 23:13	16°♋38'51	1°05'46
min. Earth dist.	-1321 Jan 17 j 15:02	16°♋40'29	8.37562 AU
direct	-1321 Mar 28 j 01:00	13°♋10'33	
evening set	-1321 Jul 12 j 07:40	21°♋05'13	
conjunction	-1321 Jul 30 j 01:00	23°♋16'44	1°07'51
minimum elong	-1321 Jul 30 j 00:58	23°♋16'43	1°07'52
max. Earth dist.	-1321 Jul 30 j 10:35	23°♋19'43	10.44603 AU
morning rise	-1321 Aug 16 j 13:29	25°♋26'43	
	-1321 Sep 27 j 01:45	0°♌	
retrograde	-1321 Nov 24 j 20:54	2°♌55'29	
	-1320 Jan 25 j 13:39	30°℞♋	
opposition	-1320 Jan 31 j 03:03	29°♋33'48	1°39'58
min. Earth dist.	-1320 Jan 30 j 20:22	29°♋35'07	8.51631 AU
direct	-1320 Apr 09 j 19:41	26°♋06'40	
	-1320 Jun 20 j 01:10	0°♌	
evening set	-1320 Jul 24 j 19:53	3°♌52'18	
conjunction	-1320 Aug 11 j 07:45	6°♌00'19	1°33'28
minimum elong	-1320 Aug 11 j 07:42	6°♌00'19	1°33'29
max. Earth dist.	-1320 Aug 11 j 14:43	6°♌02'28	10.58705 AU
morning rise	-1320 Aug 28 j 14:41	8°♌06'49	
	-1320 Nov 14 j 08:17	15°♌	
retrograde	-1320 Dec 06 j 06:46	15°♌25'49	
	-1320 Dec 28 j 11:55	15°℞♌	
opposition	-1319 Feb 11 j 23:44	12°♌05'42	2°08'14
min. Earth dist.	-1319 Feb 11 j 18:23	12°♌06'45	8.65676 AU
direct	-1319 Apr 23 j 06:58	8°♌39'52	
	-1319 Jul 26 j 22:06	15°♌	
evening set	-1319 Aug 06 j 20:30	16°♌16'27	
conjunction	-1319 Aug 24 j 02:57	18°♌21'09	1°54'00
minimum elong	-1319 Aug 24 j 02:54	18°♌21'08	1°54'02
max. Earth dist.	-1319 Aug 24 j 07:45	18°♌22'36	10.72428 AU
morning rise	-1319 Sep 10 j 04:29	20°♌24'21	
retrograde	-1319 Dec 18 j 11:14	27°♌34'51	
opposition	-1318 Feb 24 j 14:10	24°♌16'06	2°29'47
min. Earth dist.	-1318 Feb 24 j 10:05	24°♌16'53	8.79019 AU
direct	-1318 May 06 j 08:13	20°♌51'39	
evening set	-1318 Aug 19 j 10:03	28°♌19'26	
	-1318 Sep 02 j 12:53	0°♍	
conjunction	-1318 Sep 05 j 11:26	0°♍21'08	2°08'59
minimum elong	-1318 Sep 05 j 11:24	0°♍21'07	2°09'00
max. Earth dist.	-1318 Sep 05 j 14:38	0°♍22'06	10.85140 AU
morning rise	-1318 Sep 22 j 07:58	2°♍21'25	
retrograde	-1318 Dec 30 j 08:58	9°♍24'51	
opposition	-1317 Mar 08 j 23:02	6°♍07'13	2°44'18
min. Earth dist.	-1317 Mar 08 j 21:12	6°♍07'34	8.91065 AU
direct	-1317 May 19 j 01:29	2°♍44'06	
evening set	-1317 Aug 31 j 13:42	10°♍03'46	
conjunction	-1317 Sep 17 j 10:34	12°♍02'54	2°18'10
minimum elong	-1317 Sep 17 j 10:33	12°♍02'53	2°18'11
max. Earth dist.	-1317 Sep 17 j 11:10	12°♍03'04	10.96292 AU
morning rise	-1317 Oct 04 j 03:01	14°♍00'46	
retrograde	-1316 Jan 11 j 02:10	20°♍58'38	
opposition	-1316 Mar 20 j 03:03	17°♍41'51	2°51'45
min. Earth dist.	-1316 Mar 20 j 04:06	17°♍41'40	9.01296 AU
direct	-1316 May 30 j 11:49	14°♍19'59	
evening set	-1316 Sep 11 j 08:42	21°♍32'28	
conjunction	-1316 Sep 28 j 01:48	23°♍29'33	2°21'37
minimum elong	-1316 Sep 28 j 01:47	23°♍29'33	2°21'37
max. Earth dist.	-1316 Sep 27 j 22:51	23°♍28'41	11.05404 AU
morning rise	-1316 Oct 14 j 15:17	25°♍25'35	
	-1316 Nov 28 j 17:18	0°♎	
retrograde	-1315 Jan 21 j 14:23	2°♎19'31	
	-1315 Mar 19 j 04:18	30°℞♍	
opposition	-1315 Apr 01 j 03:21	29°♍03'17	2°52'18

Attention, astronomical year style is used: The year -1315 in astronomical counting style is the year 1316 BCE in historical counting style.

min. Earth dist.	-1315 Apr 01 j 06:56	29°♍02'38	9.09258 AU
direct	-1315 Jun 11 j 15:53	25°♍42'33	
	-1315 Aug 27 j 19:48	0°♎	
evening set	-1315 Sep 22 j 20:40	2°♎49'03	
conjunction	-1315 Oct 09 j 10:59	4°♎44'39	2°19'30
minimum elong	-1315 Oct 09 j 11:00	4°♎44'39	2°19'29
max. Earth dist.	-1315 Oct 09 j 05:22	4°♎43'00	11.12100 AU
morning rise	-1315 Oct 25 j 22:25	6°♎39'25	
retrograde	-1314 Feb 02 j 02:34	13°♎31'11	
opposition	-1314 Apr 13 j 01:07	10°♎15'11	2°46'18
min. Earth dist.	-1314 Apr 13 j 06:02	10°♎14'17	9.14665 AU
direct	-1314 Jun 23 j 16:04	6°♎55'28	
evening set	-1314 Oct 04 j 03:21	13°♎57'13	
conjunction	-1314 Oct 20 j 15:58	15°♎51'55	2°12'06
minimum elong	-1314 Oct 20 j 15:59	15°♎51'55	2°12'05
max. Earth dist.	-1314 Oct 20 j 09:08	15°♎49'55	11.16194 AU
morning rise	-1314 Nov 06 j 02:12	17°♎46'00	
retrograde	-1313 Feb 13 j 15:24	24°♎37'12	
opposition	-1313 Apr 24 j 21:37	21°♎21'08	2°34'10
min. Earth dist.	-1313 Apr 25 j 04:06	21°♎19'57	9.17408 AU
direct	-1313 Jul 05 j 10:13	18°♎02'13	
evening set	-1313 Oct 15 j 06:30	25°♎00'30	
conjunction	-1313 Oct 31 j 18:10	26°♎54'51	1°59'48
minimum elong	-1313 Oct 31 j 18:13	26°♎54'51	1°59'48
max. Earth dist.	-1313 Oct 31 j 09:31	26°♎52'19	11.17617 AU
morning rise	-1313 Nov 17 j 04:17	28°♎48'49	
	-1313 Nov 27 j 18:42	0°♏	
retrograde	-1312 Feb 25 j 03:40	5°♏41'03	
opposition	-1312 May 05 j 17:54	2°♏24'35	2°16'24
min. Earth dist.	-1312 May 06 j 02:26	2°♏23'02	9.17454 AU
	-1312 Jun 11 j 18:09	30°℞♎	
direct	-1312 Jul 16 j 02:05	29°♎06'11	
	-1312 Aug 18 j 18:48	0°♏	
evening set	-1312 Oct 25 j 08:02	6°♏02'28	
conjunction	-1312 Nov 10 j 19:25	7°♏56'57	1°43'04
minimum elong	-1312 Nov 10 j 19:27	7°♏56'57	1°43'03
max. Earth dist.	-1312 Nov 10 j 08:27	7°♏53'45	11.16362 AU
morning rise	-1312 Nov 27 j 06:22	9°♏51'19	
	-1311 Jan 19 j 06:52	15°♏	
retrograde	-1311 Mar 07 j 18:50	16°♏46'11	
	-1311 Apr 26 j 01:20	15°℞♏	
opposition	-1311 May 17 j 14:57	13°♏29'01	1°53'34
min. Earth dist.	-1311 May 18 j 00:57	13°♏27'12	9.14833 AU
direct	-1311 Jul 27 j 17:34	10°♏10'54	
	-1311 Oct 17 j 06:04	15°♏	
evening set	-1311 Nov 05 j 09:33	17°♏06'37	
conjunction	-1311 Nov 21 j 21:32	19°♏01'43	1°22'24
minimum elong	-1311 Nov 21 j 21:34	19°♏01'44	1°22'23
max. Earth dist.	-1311 Nov 21 j 10:02	18°♏58'21	11.12493 AU
morning rise	-1311 Dec 08 j 09:53	20°♏57'00	
retrograde	-1310 Mar 19 j 13:23	27°♏56'08	
opposition	-1310 May 29 j 14:08	24°♏37'58	1°26'18
min. Earth dist.	-1310 May 30 j 00:09	24°♏36'08	9.09651 AU
direct	-1310 Aug 08 j 08:27	21°♏19'54	
evening set	-1310 Nov 16 j 12:52	28°♏16'35	
	-1310 Dec 01 j 06:43	0°♐	
conjunction	-1310 Dec 03 j 02:06	0°♐12'47	0°58'26
minimum elong	-1310 Dec 03 j 02:08	0°♐12'48	0°58'24
max. Earth dist.	-1310 Dec 02 j 14:53	0°♐09'29	11.06139 AU
morning rise	-1310 Dec 19 j 16:22	2°♐09'24	
retrograde	-1309 Mar 31 j 15:38	9°♐14'25	

opposition	-1309 Jun 10 j 16:23	5°♐55'03	0°55'21
min. Earth dist.	-1309 Jun 11 j 02:08	5°♐53'15	9.02085 AU
direct	-1309 Aug 20 j 01:08	2°♐36'48	
evening set	-1309 Nov 27 j 20:16	9°♐36'05	
conjunction	-1309 Dec 14 j 11:04	11°♐33'47	0°31'52
minimum elong	-1309 Dec 14 j 11:05	11°♐33'47	0°31'50
max. Earth dist.	-1309 Dec 13 j 23:18	11°♐30'17	10.97514 AU
morning rise	-1309 Dec 31 j 03:51	13°♐32'10	
retrograde	-1308 Apr 11 j 22:47	20°♐44'34	
opposition	-1308 Jun 21 j 22:47	17°♐23'51	0°21'38
min. Earth dist.	-1308 Jun 22 j 08:48	17°♐21'59	8.92395 AU
direct	-1308 Aug 30 j 18:10	14°♐05'10	
evening set	-1308 Dec 08 j 09:22	21°♐08'46	
conjunction	-1308 Dec 25 j 02:07	23°♐08'20	0°03'34
minimum elong	-1308 Dec 25 j 02:06	23°♐08'20	0°03'33
behind sun begin	-1308 Dec 24 j 19:09	23°♐06'16	
behind sun end	-1308 Dec 25 j 09:03	23°♐10'24	
max. Earth dist.	-1308 Dec 24 j 13:53	23°♐04'41	10.86921 AU
morning rise	-1307 Jan 10 j 21:50	25°♐08'50	
desc. node	-1307 Feb 08 j 17:06	28°♐19'52	
	-1307 Feb 26 j 18:13	0°♑	
retrograde	-1307 Apr 24 j 12:37	2°♑30'10	
	-1307 Jun 22 j 18:46	30°℞♐	
opposition	-1307 Jul 04 j 10:38	29°♐07'56	-0°13'48
min. Earth dist.	-1307 Jul 04 j 20:34	29°♐06'04	8.80932 AU
direct	-1307 Sep 11 j 17:13	25°♐48'36	
	-1307 Nov 23 j 19:28	0°♑	
evening set	-1307 Dec 20 j 05:48	2°♑58'07	
conjunction	-1306 Jan 06 j 00:58	4°♑59'55	-0°25'37
minimum elong	-1306 Jan 06 j 00:57	4°♑59'55	0°25'38
max. Earth dist.	-1306 Jan 05 j 13:54	4°♑56'33	10.74740 AU
morning rise	-1306 Jan 22 j 23:49	7°♑02'52	
retrograde	-1306 May 07 j 12:56	14°♑34'25	
opposition	-1306 Jul 17 j 04:42	11°♑10'35	-0°49'39
min. Earth dist.	-1306 Jul 17 j 13:24	11°♑08'55	8.68128 AU
direct	-1306 Sep 23 j 21:55	7°♑50'26	
evening set	-1305 Jan 01 j 11:38	15°♑07'23	
conjunction	-1305 Jan 18 j 09:37	17°♑11'42	-0°54'18
minimum elong	-1305 Jan 18 j 09:35	17°♑11'41	0°54'18
max. Earth dist.	-1305 Jan 18 j 00:36	17°♑08'55	10.61441 AU
morning rise	-1305 Feb 04 j 11:41	19°♑17'21	
retrograde	-1305 May 20 j 22:14	27°♑00'02	
opposition	-1305 Jul 30 j 05:28	23°♑34'35	-1°24'20
min. Earth dist.	-1305 Jul 30 j 12:06	23°♑33'18	8.54506 AU
direct	-1305 Oct 06 j 08:08	20°♑13'26	
evening set	-1304 Jan 14 j 04:18	27°♑39'14	
conjunction	-1304 Jan 31 j 05:15	29°♑46'16	-1°21'12
minimum elong	-1304 Jan 31 j 05:12	29°♑46'15	1°21'12
max. Earth dist.	-1304 Jan 30 j 21:51	29°♑43'57	10.47599 AU
	-1304 Feb 02 j 01:09	0°♒	
morning rise	-1304 Feb 17 j 10:44	1°♒54'47	
retrograde	-1304 Jun 02 j 17:14	9°♒49'06	
opposition	-1304 Aug 11 j 13:49	6°♒22'05	-1°56'04
min. Earth dist.	-1304 Aug 11 j 18:26	6°♒21'11	8.40682 AU
direct	-1304 Oct 18 j 02:26	2°♒59'50	
evening set	-1303 Jan 26 j 08:44	10°♒35'28	
conjunction	-1303 Feb 12 j 12:52	12°♒45'22	-1°44'46
minimum elong	-1303 Feb 12 j 12:49	12°♒45'21	1°44'47
max. Earth dist.	-1303 Feb 12 j 07:14	12°♒43'34	10.33886 AU
morning rise	-1303 Mar 01 j 22:00	14°♒56'51	
	-1303 Mar 02 j 08:08	15°♒	

Attention, astronomical year style is used: The year -1303 in astronomical counting style is the year 1304 BCE in historical counting style.

retrograde	-1303 Jun 16 j 22:00	23°♒02'35	
opposition	-1303 Aug 25 j 05:47	19°♒34'11	-2°22'48
min. Earth dist.	-1303 Aug 25 j 08:34	19°♒33'38	8.27359 AU
direct	-1303 Oct 31 j 04:44	16°♒10'42	
evening set	-1302 Feb 09 j 01:41	23°♒56'44	
conjunction	-1302 Feb 26 j 09:26	26°♒09'32	-2°03'23
minimum elong	-1302 Feb 26 j 09:24	26°♒09'31	2°03'24
max. Earth dist.	-1302 Feb 26 j 06:09	26°♒08'29	10.21037 AU
morning rise	-1302 Mar 15 j 22:21	28°♒23'59	
	-1302 Mar 28 j 21:32	0°♓	
retrograde	-1302 Jul 01 j 10:25	6°♓40'04	
opposition	-1302 Sep 08 j 04:45	3°♓10'32	-2°42'29
min. Earth dist.	-1302 Sep 08 j 05:39	3°♓10'21	8.15283 AU
	-1302 Oct 28 j 19:21	30°℞♒	
direct	-1302 Nov 13 j 17:08	29°♒45'46	
	-1302 Nov 29 j 13:37	0°♓	
evening set	-1301 Feb 23 j 06:54	7°♓42'07	
conjunction	-1301 Mar 12 j 18:42	9°♓57'45	-2°15'31
minimum elong	-1301 Mar 12 j 18:41	9°♓57'44	2°15'32
max. Earth dist.	-1301 Mar 12 j 18:38	9°♓57'43	10.09802 AU
morning rise	-1301 Mar 30 j 11:24	12°♓14'57	
retrograde	-1301 Jul 16 j 04:35	20°♓39'26	
opposition	-1301 Sep 22 j 09:57	17°♓09'04	-2°53'12
min. Earth dist.	-1301 Sep 22 j 08:33	17°♓09'21	8.05174 AU
direct	-1301 Nov 27 j 15:16	13°♓43'05	
evening set	-1300 Mar 08 j 23:16	21°♓48'50	
conjunction	-1300 Mar 26 j 15:21	24°♓07'04	-2°19'50
minimum elong	-1300 Mar 26 j 15:21	24°♓07'04	2°19'51
max. Earth dist.	-1300 Mar 26 j 19:08	24°♓08'18	10.00888 AU
morning rise	-1300 Apr 13 j 11:39	26°♓26'40	
	-1300 May 12 j 18:07	0°♈	
retrograde	-1300 Jul 30 j 02:54	4°♈56'43	
opposition	-1300 Oct 05 j 19:52	1°♈25'53	-2°53'33
min. Earth dist.	-1300 Oct 05 j 15:41	1°♈26'45	7.97686 AU
	-1300 Oct 23 j 16:35	30°℞♓	
direct	-1300 Dec 10 j 21:21	27°♓58'47	
	-1299 Jan 26 j 20:40	0°♈	
evening set	-1299 Mar 24 j 00:57	6°♈12'13	
conjunction	-1299 Apr 10 j 21:20	8°♈32'37	-2°15'35
minimum elong	-1299 Apr 10 j 21:22	8°♈32'38	2°15'35
max. Earth dist.	-1299 Apr 11 j 04:42	8°♈35'03	9.94906 AU
morning rise	-1299 Apr 28 j 21:00	10°♈54'06	
retrograde	-1299 Aug 14 j 02:54	19°♈26'10	
opposition	-1299 Oct 20 j 08:34	15°♈55'17	-2°42'54
min. Earth dist.	-1299 Oct 20 j 01:53	15°♈56'40	7.93329 AU
direct	-1299 Dec 25 j 09:06	12°♈27'12	
evening set	-1298 Apr 08 j 09:10	20°♈45'57	
conjunction	-1298 Apr 26 j 09:28	23°♈07'53	-2°02'42
minimum elong	-1298 Apr 26 j 09:32	23°♈07'54	2°02'41
max. Earth dist.	-1298 Apr 26 j 19:40	23°♈11'15	9.92254 AU
morning rise	-1298 May 14 j 11:54	25°♈30'30	
	-1298 Jun 21 j 02:54	0°♉	
retrograde	-1298 Aug 29 j 02:15	4°♉00'46	
opposition	-1298 Nov 03 j 22:00	0°♉30'15	-2°21'41
min. Earth dist.	-1298 Nov 03 j 13:32	0°♉32'01	7.92367 AU
	-1298 Nov 09 j 23:30	30°℞♈	
direct	-1297 Jan 09 j 01:52	27°♈01'21	
	-1297 Mar 08 j 05:10	0°♉	
evening set	-1297 Apr 23 j 20:31	5°♉22'40	
conjunction	-1297 May 11 j 23:48	7°♉45'16	-1°41'55
minimum elong	-1297 May 11 j 23:51	7°♉45'17	1°41'55
max. Earth dist.	-1297 May 12 j 11:44	7°♉49'13	9.93049 AU
morning rise	-1297 May 30 j 03:54	10°♉08'08	
	-1297 Jul 10 j 13:14	15°♉	
retrograde	-1297 Sep 12 j 21:02	18°♉33'05	
opposition	-1297 Nov 18 j 09:48	15°♉03'20	-1°51'24
min. Earth dist.	-1297 Nov 18 j 00:38	15°♉05'15	7.94780 AU
	-1297 Nov 19 j 01:49	15°℞♉	
direct	-1296 Jan 23 j 21:34	11°♉33'52	
	-1296 Mar 27 j 03:15	15°♉	
evening set	-1296 May 08 j 07:24	19°♉55'00	
conjunction	-1296 May 26 j 12:20	22°♉17'20	-1°14'46
minimum elong	-1296 May 26 j 12:24	22°♉17'21	1°14'45
max. Earth dist.	-1296 May 27 j 00:38	22°♉21'22	9.97123 AU
morning rise	-1296 Jun 13 j 16:48	24°♉39'30	
	-1296 Jul 30 j 08:54	0°♊	
retrograde	-1296 Sep 26 j 08:51	2°♊56'27	
	-1296 Nov 25 j 06:46	30°℞♉	
opposition	-1296 Dec 01 j 18:14	29°♉27'51	-1°14'20
min. Earth dist.	-1296 Dec 01 j 09:19	29°♉29'42	8.00304 AU
direct	-1295 Feb 06 j 17:13	25°♉58'09	
	-1295 Apr 17 j 07:31	0°♊	
evening set	-1295 May 23 j 14:38	4°♊16'37	
conjunction	-1295 Jun 10 j 19:39	6°♊37'47	-0°43'15
minimum elong	-1295 Jun 10 j 19:41	6°♊37'48	0°43'14
max. Earth dist.	-1295 Jun 11 j 07:20	6°♊41'35	10.04130 AU
morning rise	-1295 Jun 28 j 22:56	8°♊58'21	
retrograde	-1295 Oct 10 j 12:06	17°♊05'28	
opposition	-1295 Dec 15 j 21:45	13°♊38'19	-0°33'20
min. Earth dist.	-1295 Dec 15 j 13:08	13°♊40'05	8.08584 AU
direct	-1294 Feb 21 j 10:39	10°♊08'42	
evening set	-1294 Jun 07 j 15:35	18°♊22'20	
conjunction	-1294 Jun 25 j 18:56	20°♊41'27	-0°09'42
minimum elong	-1294 Jun 25 j 18:56	20°♊41'28	0°09'41
behind sun begin	-1294 Jun 25 j 12:57	20°♊39'33	
behind sun end	-1294 Jun 26 j 00:56	20°♊43'22	
max. Earth dist.	-1294 Jun 26 j 05:47	20°♊44'56	10.13677 AU
morning rise	-1294 Jul 13 j 19:23	22°♊59'35	
	-1294 Sep 22 j 11:06	0°♋	
asc. node	-1294 Oct 12 j 03:54	0°♋47'32	
retrograde	-1294 Oct 24 j 06:15	0°♋55'47	
	-1294 Nov 25 j 09:04	30°℞♊	
opposition	-1294 Dec 29 j 19:09	27°♊30'13	0°08'40
min. Earth dist.	-1294 Dec 29 j 10:45	27°♊31'55	8.19189 AU
direct	-1293 Mar 07 j 23:00	24°♊01'00	
	-1293 Jun 04 j 15:44	0°♋	
evening set	-1293 Jun 22 j 07:40	2°♋07'57	
conjunction	-1293 Jul 10 j 07:49	4°♋24'19	0°23'47
minimum elong	-1293 Jul 10 j 07:47	4°♋24'19	0°23'48
max. Earth dist.	-1293 Jul 10 j 17:47	4°♋27'29	10.25252 AU
morning rise	-1293 Jul 28 j 04:03	6°♋39'24	
retrograde	-1293 Nov 06 j 15:36	14°♋24'19	
opposition	-1292 Jan 12 j 09:46	11°♋00'21	0°49'01
min. Earth dist.	-1292 Jan 12 j 01:30	11°♋02'01	8.31535 AU
direct	-1292 Mar 21 j 05:13	7°♋31'50	
evening set	-1292 Jul 05 j 12:59	15°♋30'45	
conjunction	-1292 Jul 23 j 08:46	17°♋43'54	0°55'05
minimum elong	-1292 Jul 23 j 08:44	17°♋43'53	0°55'06
max. Earth dist.	-1292 Jul 23 j 17:56	17°♋46'46	10.38200 AU
morning rise	-1292 Aug 09 j 23:50	19°♋55'34	
retrograde	-1292 Nov 18 j 15:15	27°♋29'30	
opposition	-1291 Jan 24 j 17:09	24°♋07'06	1°25'31
min. Earth dist.	-1291 Jan 24 j 09:46	24°♋08'34	8.44918 AU

Attention, astronomical year style is used: The year -1291 in astronomical counting style is the year 1292 BCE in historical counting style.

direct	-1291 Apr 04 j 03:52	20°♋39'29	
evening set	-1291 Jul 19 j 06:59	28°♋29'37	
	-1291 Jul 31 j 14:18	0°♌	
conjunction	-1291 Aug 05 j 21:36	0°♌39'20	1°22'44
minimum elong	-1291 Aug 05 j 21:32	0°♌39'19	1°22'45
max. Earth dist.	-1291 Aug 06 j 05:31	0°♌41'47	10.51800 AU
morning rise	-1291 Aug 23 j 07:00	2°♌47'29	
retrograde	-1291 Dec 01 j 06:30	10°♌11'12	
opposition	-1290 Feb 06 j 17:21	6°♌50'18	1°56'35
min. Earth dist.	-1290 Feb 06 j 11:51	6°♌51'23	8.58625 AU
direct	-1290 Apr 17 j 17:50	3°♌23'44	
evening set	-1290 Aug 01 j 13:13	11°♌04'49	
conjunction	-1290 Aug 18 j 22:15	13°♌11'08	1°45'38
minimum elong	-1290 Aug 18 j 22:12	13°♌11'07	1°45'40
max. Earth dist.	-1290 Aug 19 j 03:52	13°♌12'51	10.65363 AU
	-1290 Sep 02 j 20:57	15°♌	
morning rise	-1290 Sep 05 j 02:06	15°♌15'54	
retrograde	-1290 Dec 13 j 13:53	22°♌30'32	
opposition	-1289 Feb 19 j 10:59	19°♌10'57	2°21'14
min. Earth dist.	-1289 Feb 19 j 07:38	19°♌11'36	8.71985 AU
direct	-1289 Apr 30 j 22:49	15°♌45'33	
evening set	-1289 Aug 14 j 07:48	23°♌17'43	
conjunction	-1289 Aug 31 j 11:25	25°♌20'52	2°03'09
minimum elong	-1289 Aug 31 j 11:22	25°♌20'52	2°03'10
max. Earth dist.	-1289 Aug 31 j 14:10	25°♌21'42	10.78261 AU
morning rise	-1289 Sep 17 j 10:15	27°♌22'35	
	-1289 Oct 10 j 18:14	0°♍	
retrograde	-1289 Dec 25 j 12:19	4°♍29'29	
opposition	-1288 Mar 02 j 22:24	1°♍11'00	2°38'55
min. Earth dist.	-1288 Mar 02 j 20:47	1°♍11'19	8.84396 AU
	-1288 Mar 18 j 19:32	30°℞♌	
direct	-1288 May 12 j 21:35	27°♌46'49	
	-1288 Jul 05 j 11:27	0°♍	
evening set	-1288 Aug 25 j 15:52	5°♍10'34	
conjunction	-1288 Sep 11 j 14:42	7°♍10'57	2°14'55
minimum elong	-1288 Sep 11 j 14:40	7°♍10'56	2°14'55
max. Earth dist.	-1288 Sep 11 j 15:03	7°♍11'03	10.89949 AU
morning rise	-1288 Sep 28 j 09:09	9°♍10'02	
retrograde	-1287 Jan 05 j 07:36	16°♍10'41	
opposition	-1287 Mar 15 j 04:21	12°♍53'04	2°49'30
min. Earth dist.	-1287 Mar 15 j 03:56	12°♍53'09	8.95339 AU
direct	-1287 May 25 j 12:22	9°♍30'07	
evening set	-1287 Sep 06 j 14:38	16°♍46'14	
conjunction	-1287 Sep 23 j 09:30	18°♍44'20	2°20'54
minimum elong	-1287 Sep 23 j 09:29	18°♍44'20	2°20'53
max. Earth dist.	-1287 Sep 23 j 08:31	18°♍44'03	10.99965 AU
morning rise	-1287 Oct 10 j 00:17	20°♍41'17	
retrograde	-1286 Jan 16 j 22:48	27°♍37'12	
opposition	-1286 Mar 27 j 06:17	24°♍20'15	2°53'04
min. Earth dist.	-1286 Mar 27 j 07:32	24°♍20'01	9.04405 AU
direct	-1286 Jun 06 j 17:47	20°♍58'32	
evening set	-1286 Sep 18 j 05:29	28°♍07'56	
conjunction	-1286 Oct 04 j 21:09	0°♎04'17	2°21'12
minimum elong	-1286 Oct 04 j 21:09	0°♎04'17	2°21'11
	-1286 Oct 04 j 06:34	0°♎	
max. Earth dist.	-1286 Oct 04 j 18:24	0°♎03'28	11.07951 AU
morning rise	-1286 Oct 21 j 09:19	1°♎59'40	
retrograde	-1285 Jan 28 j 10:57	8°♎52'29	
opposition	-1285 Apr 08 j 05:10	5°♎35'57	2°49'54
min. Earth dist.	-1285 Apr 08 j 08:46	5°♎35'16	9.11284 AU
direct	-1285 Jun 18 j 19:11	2°♎15'20	
evening set	-1285 Sep 29 j 14:17	9°♎19'14	
conjunction	-1285 Oct 16 j 03:34	11°♎14'21	2°16'05
minimum elong	-1285 Oct 16 j 03:36	11°♎14'21	2°16'04
max. Earth dist.	-1285 Oct 15 j 22:02	11°♎12'44	11.13643 AU
morning rise	-1285 Nov 01 j 14:21	13°♎08'45	
retrograde	-1284 Feb 08 j 21:57	20°♎00'01	
opposition	-1284 Apr 19 j 01:46	16°♎43'39	2°40'23
min. Earth dist.	-1284 Apr 19 j 07:16	16°♎42'38	9.15745 AU
direct	-1284 Jun 29 j 15:31	13°♎24'01	
evening set	-1284 Oct 09 j 18:36	20°♎23'41	
conjunction	-1284 Oct 26 j 06:32	22°♎18'08	2°05'53
minimum elong	-1284 Oct 26 j 06:34	22°♎18'08	2°05'53
max. Earth dist.	-1284 Oct 25 j 23:19	22°♎16'02	11.16850 AU
morning rise	-1284 Nov 11 j 16:47	24°♎12'07	
	-1283 Jan 14 j 03:27	0°♏	
retrograde	-1283 Feb 19 j 09:07	1°♏03'29	
	-1283 Mar 28 j 13:35	30°℞♎	
opposition	-1283 Apr 30 j 21:35	27°♎46'58	2°25'00
min. Earth dist.	-1283 May 01 j 03:55	27°♎45'49	9.17627 AU
direct	-1283 Jul 11 j 09:07	24°♎28'09	
	-1283 Oct 08 j 02:59	0°♏	
evening set	-1283 Oct 20 j 20:11	1°♏24'57	
conjunction	-1283 Nov 06 j 07:41	3°♏19'15	1°51'02
minimum elong	-1283 Nov 06 j 07:44	3°♏19'16	1°51'02
max. Earth dist.	-1283 Nov 05 j 23:57	3°♏17'00	11.17450 AU
morning rise	-1283 Nov 22 j 18:05	5°♏13'19	
retrograde	-1282 Mar 03 j 00:18	12°♏06'25	
opposition	-1282 May 12 j 17:47	8°♏49'32	2°04'19
min. Earth dist.	-1282 May 13 j 00:47	8°♏48'16	9.16872 AU
direct	-1282 Jul 23 j 00:16	5°♏31'21	
evening set	-1282 Oct 31 j 21:08	12°♏26'41	
conjunction	-1282 Nov 17 j 08:49	14°♏21'20	1°32'03
minimum elong	-1282 Nov 17 j 08:51	14°♏21'21	1°32'03
max. Earth dist.	-1282 Nov 16 j 23:53	14°♏18'44	11.15429 AU
	-1282 Nov 22 j 21:18	15°♏	
morning rise	-1282 Dec 03 j 20:18	16°♏16'01	
retrograde	-1281 Mar 14 j 16:50	23°♏12'26	
opposition	-1281 May 24 j 15:28	19°♏54'55	1°38'55
min. Earth dist.	-1281 May 24 j 23:55	19°♏53'22	9.13517 AU
direct	-1281 Aug 03 j 13:00	16°♏37'06	
evening set	-1281 Nov 11 j 23:10	23°♏32'32	
conjunction	-1281 Nov 28 j 11:36	25°♏28'00	1°09'29
minimum elong	-1281 Nov 28 j 11:38	25°♏28'01	1°09'28
max. Earth dist.	-1281 Nov 28 j 01:02	25°♏24'54	11.10858 AU
morning rise	-1281 Dec 15 j 00:57	27°♏23'46	
	-1280 Jan 07 j 20:48	0°♐	
retrograde	-1280 Mar 25 j 14:18	4°♐25'07	
opposition	-1280 Jun 04 j 15:43	1°♐06'43	1°09'32
min. Earth dist.	-1280 Jun 05 j 01:09	1°♐04'59	9.07668 AU
	-1280 Jun 20 j 01:56	30°℞♏	
direct	-1280 Aug 14 j 04:37	27°♏48'59	
	-1280 Oct 05 j 19:09	0°♐	
evening set	-1280 Nov 22 j 04:03	4°♐46'07	
conjunction	-1280 Dec 08 j 17:53	6°♐42'50	0°44'00
minimum elong	-1280 Dec 08 j 17:54	6°♐42'50	0°43'58
max. Earth dist.	-1280 Dec 08 j 07:06	6°♐39'39	11.03872 AU
morning rise	-1280 Dec 25 j 09:26	8°♐40'06	
retrograde	-1279 Apr 06 j 17:27	15°♐47'58	
opposition	-1279 Jun 16 j 19:34	12°♐28'26	0°36'59
min. Earth dist.	-1279 Jun 17 j 04:49	12°♐26'43	8.99509 AU
direct	-1279 Aug 25 j 21:35	9°♐10'33	

Attention, astronomical year style is used: The year -1279 in astronomical counting style is the year 1280 BCE in historical counting style.

evening set	-1279 Dec 03 j 13:45	16°♐10'58	
conjunction	-1279 Dec 20 j 05:31	18°♐09'20	0°16'24
minimum elong	-1279 Dec 20 j 05:31	18°♐09'20	0°16'23
max. Earth dist.	-1279 Dec 19 j 19:29	18°♐06'21	10.94688 AU
morning rise	-1278 Jan 05 j 23:36	20°♐08'29	
retrograde	-1278 Apr 19 j 04:47	27°♐24'23	
opposition	-1278 Jun 29 j 04:11	24°♐03'29	0°02'16
min. Earth dist.	-1278 Jun 29 j 12:37	24°♐01'55	8.89307 AU
desc. node	-1278 Jul 23 j 08:32	22°♐20'27	
direct	-1278 Sep 06 j 17:58	20°♐45'11	
evening set	-1278 Dec 15 j 06:03	27°♐50'31	
conjunction	-1278 Dec 31 j 23:57	29°♐50'53	-0°12'28
minimum elong	-1278 Dec 31 j 23:57	29°♐50'53	0°12'29
behind sun begin	-1278 Dec 31 j 19:19	29°♐49'30	
behind sun end	-1277 Jan 01 j 04:35	29°♐52'15	
max. Earth dist.	-1278 Dec 31 j 13:43	29°♐47'48	10.83597 AU
	-1277 Jan 02 j 06:12	0°♑	
morning rise	-1277 Jan 17 j 21:02	1°♑52'16	
retrograde	-1277 May 02 j 00:51	9°♑17'32	
opposition	-1277 Jul 11 j 18:27	5°♑55'10	-0°33'26
min. Earth dist.	-1277 Jul 12 j 02:43	5°♑53'36	8.77376 AU
direct	-1277 Sep 18 j 17:32	2°♑36'09	
evening set	-1277 Dec 27 j 06:46	9°♑48'03	
conjunction	-1276 Jan 13 j 03:05	11°♑50'43	-0°41'23
minimum elong	-1276 Jan 13 j 03:03	11°♑50'43	0°41'24
max. Earth dist.	-1276 Jan 12 j 16:25	11°♑47'28	10.70948 AU
morning rise	-1276 Jan 30 j 03:26	13°♑54'40	
retrograde	-1276 May 14 j 03:27	21°♑30'28	
opposition	-1276 Jul 23 j 15:06	18°♑06'32	-1°08'42
min. Earth dist.	-1276 Jul 23 j 23:16	18°♑04'58	8.64122 AU
direct	-1276 Sep 30 j 00:09	14°♑46'33	
evening set	-1275 Jan 07 j 17:19	22°♑06'39	
conjunction	-1275 Jan 24 j 16:28	24°♑11'55	-1°09'11
minimum elong	-1275 Jan 24 j 16:25	24°♑11'55	1°09'11
max. Earth dist.	-1275 Jan 24 j 06:47	24°♑08'55	10.57226 AU
morning rise	-1275 Feb 10 j 20:12	26°♑18'39	
	-1275 Mar 15 j 11:37	0°♒	
retrograde	-1275 May 27 j 16:10	4°♒05'54	
opposition	-1275 Aug 05 j 19:03	0°♒40'20	-1°41'52
min. Earth dist.	-1275 Aug 06 j 02:09	0°♒38'58	8.50139 AU
	-1275 Aug 14 j 12:05	30°℞♑	
direct	-1275 Oct 12 j 15:02	27°♑19'14	
	-1275 Dec 07 j 15:50	0°♒	
evening set	-1274 Jan 20 j 15:00	4°♒48'43	
conjunction	-1274 Feb 06 j 17:25	6°♒56'50	-1°34'23
minimum elong	-1274 Feb 06 j 17:22	6°♒56'49	1°34'24
max. Earth dist.	-1274 Feb 06 j 10:09	6°♒54'32	10.43104 AU
morning rise	-1274 Feb 24 j 00:38	9°♒06'30	
	-1274 Apr 21 j 00:47	15°♒	
retrograde	-1274 Jun 10 j 15:24	17°♒05'25	
	-1274 Aug 01 j 11:40	15°℞♒	
opposition	-1274 Aug 19 j 06:23	13°♒38'15	-2°11'03
min. Earth dist.	-1274 Aug 19 j 11:16	13°♒37'17	8.36154 AU
direct	-1274 Oct 25 j 12:54	10°♒15'51	
	-1273 Jan 09 j 09:52	15°♒	
evening set	-1273 Feb 03 j 01:01	17°♒55'33	
conjunction	-1273 Feb 20 j 06:59	20°♒06'36	-1°55'26
minimum elong	-1273 Feb 20 j 06:56	20°♒06'35	1°55'27
max. Earth dist.	-1273 Feb 20 j 02:17	20°♒05'06	10.29349 AU
morning rise	-1273 Mar 09 j 17:46	22°♒19'15	
	-1273 Jun 01 j 05:44	0°♓	
retrograde	-1273 Jun 24 j 23:22	0°♓29'12	
	-1273 Jul 18 j 18:13	30°℞♒	
opposition	-1273 Sep 02 j 00:51	27°♒00'34	-2°34'13
min. Earth dist.	-1273 Sep 02 j 03:14	27°♒00'06	8.22940 AU
direct	-1273 Nov 07 j 19:18	23°♒36'45	
	-1272 Feb 05 j 07:01	0°♓	
evening set	-1272 Feb 16 j 23:22	1°♓26'58	
conjunction	-1272 Mar 05 j 09:07	3°♓40'57	-2°10'45
minimum elong	-1272 Mar 05 j 09:05	3°♓40'56	2°10'46
max. Earth dist.	-1272 Mar 05 j 06:59	3°♓40'15	10.16752 AU
morning rise	-1272 Mar 22 j 23:38	5°♓56'30	
retrograde	-1272 Jul 08 j 13:55	14°♓16'01	
opposition	-1272 Sep 15 j 02:09	10°♓46'11	-2°49'21
min. Earth dist.	-1272 Sep 15 j 02:07	10°♓46'12	8.11265 AU
direct	-1272 Nov 20 j 11:24	7°♓20'56	
evening set	-1271 Mar 02 j 09:18	15°♓21'10	
conjunction	-1271 Mar 19 j 23:07	17°♓37'55	-2°18'53
minimum elong	-1271 Mar 19 j 23:06	17°♓37'55	2°18'54
max. Earth dist.	-1271 Mar 19 j 23:30	17°♓38'03	10.06076 AU
morning rise	-1271 Apr 06 j 17:30	19°♓56'09	
retrograde	-1271 Jul 23 j 10:00	28°♓22'54	
opposition	-1271 Sep 29 j 09:01	24°♓52'13	-2°54'47
min. Earth dist.	-1271 Sep 29 j 07:06	24°♓52'37	8.01845 AU
direct	-1271 Dec 04 j 11:58	21°♓25'33	
evening set	-1270 Mar 17 j 05:43	29°♓34'37	
	-1270 Mar 20 j 12:15	0°♈	
conjunction	-1270 Apr 03 j 23:49	1°♈53'50	-2°18'47
minimum elong	-1270 Apr 03 j 23:50	1°♈53'51	2°18'48
max. Earth dist.	-1270 Apr 04 j 02:57	1°♈54'52	9.97994 AU
morning rise	-1270 Apr 21 j 21:55	4°♈14'20	
retrograde	-1270 Aug 07 j 08:58	12°♈45'07	
opposition	-1270 Oct 13 j 19:40	9°♈13'59	-2°49'28
min. Earth dist.	-1270 Oct 13 j 16:00	9°♈14'45	7.95277 AU
direct	-1270 Dec 18 j 20:03	5°♈46'03	
evening set	-1269 Apr 01 j 10:10	14°♈02'00	
conjunction	-1269 Apr 19 j 08:27	16°♈23'11	-2°10'02
minimum elong	-1269 Apr 19 j 08:30	16°♈23'12	2°10'02
max. Earth dist.	-1269 Apr 19 j 14:25	16°♈25'09	9.93031 AU
morning rise	-1269 May 07 j 09:45	18°♈45'18	
retrograde	-1269 Aug 22 j 08:14	27°♈16'31	
opposition	-1269 Oct 28 j 08:22	23°♈45'25	-2°33'17
min. Earth dist.	-1269 Oct 28 j 02:48	23°♈46'35	7.91990 AU
direct	-1268 Jan 02 j 11:07	20°♈16'26	
evening set	-1268 Apr 15 j 19:28	28°♈36'43	
	-1268 Apr 26 j 10:20	0°♉	
conjunction	-1268 May 03 j 21:20	0°♉59'06	-1°52'56
minimum elong	-1268 May 03 j 21:24	0°♉59'08	1°52'56
max. Earth dist.	-1268 May 04 j 06:03	1°♉01'59	9.91516 AU
morning rise	-1268 May 22 j 00:58	3°♉22'02	
retrograde	-1268 Sep 05 j 04:04	11°♉50'04	
opposition	-1268 Nov 10 j 20:52	8°♉19'26	-2°07'10
min. Earth dist.	-1268 Nov 10 j 13:25	8°♉20'59	7.92204 AU
direct	-1267 Jan 16 j 06:12	4°♉49'41	
evening set	-1267 May 01 j 06:35	13°♉11'28	
	-1267 May 15 j 03:12	15°♉	
conjunction	-1267 May 19 j 11:00	15°♉34'11	-1°28'38
minimum elong	-1267 May 19 j 11:04	15°♉34'12	1°28'38
max. Earth dist.	-1267 May 19 j 21:56	15°♉37'47	9.93544 AU
morning rise	-1267 Jun 06 j 15:41	17°♉56'58	
retrograde	-1267 Sep 19 j 18:34	26°♉18'32	
opposition	-1267 Nov 25 j 06:55	22°♉48'47	-1°33'03

Attention, astronomical year style is used: The year -1267 in astronomical counting style is the year 1268 BCE in historical counting style.

min. Earth dist.	-1267 Nov 24 j 21:55	22°♉50'39	7.95894 AU
direct	-1266 Jan 31 j 01:46	19°♉18'35	
evening set	-1266 May 16 j 16:00	27°♉39'04	
conjunction	-1266 Jun 03 j 21:25	0°♊01'07	-0°58'57
minimum elong	-1266 Jun 03 j 21:28	0°♊01'08	0°58'57
	-1266 Jun 03 j 18:01	0°♊	
max. Earth dist.	-1266 Jun 04 j 09:50	0°♊05'10	9.98950 AU
morning rise	-1266 Jun 22 j 01:34	2°♊22'44	
retrograde	-1266 Oct 04 j 02:26	10°♊35'20	
opposition	-1266 Dec 09 j 13:01	7°♊06'50	-0°53'33
min. Earth dist.	-1266 Dec 09 j 03:17	7°♊08'52	8.02796 AU
direct	-1265 Feb 14 j 19:34	3°♊36'35	
evening set	-1265 May 31 j 20:16	11°♊53'11	
conjunction	-1265 Jun 19 j 00:52	14°♊13'35	-0°26'04
minimum elong	-1265 Jun 19 j 00:53	14°♊13'35	0°26'04
max. Earth dist.	-1265 Jun 19 j 13:45	14°♊17'45	10.07349 AU
morning rise	-1265 Jul 07 j 02:50	16°♊33'07	
retrograde	-1265 Oct 18 j 02:24	24°♊35'10	
opposition	-1265 Dec 23 j 13:34	21°♊08'12	-0°11'39
min. Earth dist.	-1265 Dec 23 j 03:59	21°♊10'10	8.12453 AU
direct	-1264 Feb 29 j 09:11	17°♊38'14	
asc. node	-1264 Apr 06 j 13:37	18°♊50'42	
evening set	-1264 Jun 14 j 16:50	25°♊48'53	
conjunction	-1264 Jul 02 j 18:53	28°♊06'49	0°07'47
minimum elong	-1264 Jul 02 j 18:53	28°♊06'49	0°07'47
behind sun begin	-1264 Jul 02 j 12:19	28°♊04'44	
behind sun end	-1264 Jul 03 j 01:27	28°♊08'54	
max. Earth dist.	-1264 Jul 03 j 07:05	28°♊10'43	10.18193 AU
	-1264 Jul 17 j 14:14	0°♋	
morning rise	-1264 Jul 20 j 17:17	0°♋23'34	
retrograde	-1264 Oct 30 j 16:53	8°♋14'17	
opposition	-1263 Jan 05 j 07:31	4°♋49'03	0°29'50
min. Earth dist.	-1263 Jan 04 j 22:49	4°♋50'49	8.24257 AU
direct	-1263 Mar 14 j 18:38	1°♋19'43	
evening set	-1263 Jun 29 j 03:41	9°♋22'55	
conjunction	-1263 Jul 17 j 01:46	11°♋37'47	0°40'18
minimum elong	-1263 Jul 17 j 01:44	11°♋37'47	0°40'18
max. Earth dist.	-1263 Jul 17 j 12:18	11°♋41'07	10.30811 AU
morning rise	-1263 Aug 03 j 19:31	13°♋51'16	
retrograde	-1263 Nov 12 j 20:13	21°♋30'42	
opposition	-1262 Jan 18 j 18:29	18°♋07'14	1°08'27
min. Earth dist.	-1262 Jan 18 j 10:54	18°♋08'45	8.37499 AU
direct	-1262 Mar 28 j 21:44	14°♋38'51	
evening set	-1262 Jul 13 j 03:28	22°♋33'36	
conjunction	-1262 Jul 30 j 20:33	24°♋45'04	1°09'53
minimum elong	-1262 Jul 30 j 20:31	24°♋45'03	1°09'54
max. Earth dist.	-1262 Jul 31 j 05:01	24°♋47'42	10.44469 AU
morning rise	-1262 Aug 17 j 08:55	26°♋55'02	
	-1262 Sep 13 j 02:37	0°♌	
retrograde	-1262 Nov 25 j 15:05	4°♌23'51	
opposition	-1261 Jan 31 j 22:20	1°♌02'06	1°42'19
min. Earth dist.	-1261 Jan 31 j 15:29	1°♌03'27	8.51440 AU
	-1261 Feb 14 j 06:39	30°℞♋	
direct	-1261 Apr 11 j 16:35	27°♋34'54	
	-1261 Jun 05 j 17:33	0°♌	
evening set	-1261 Jul 26 j 15:36	5°♌20'41	
conjunction	-1261 Aug 13 j 03:19	7°♌28'42	1°35'12
minimum elong	-1261 Aug 13 j 03:16	7°♌28'41	1°35'13
max. Earth dist.	-1261 Aug 13 j 10:12	7°♌30'49	10.58453 AU
morning rise	-1261 Aug 30 j 10:02	9°♌35'10	
	-1261 Oct 21 j 23:50	15°♌	

retrograde	-1261 Dec 08 j 03:09	16°♌54'21	
	-1260 Jan 25 j 18:21	15°℞♌	
opposition	-1260 Feb 13 j 19:18	13°♌34'10	2°10'09
min. Earth dist.	-1260 Feb 13 j 13:32	13°♌35'17	8.65373 AU
direct	-1260 Apr 24 j 01:54	10°♌08'18	
	-1260 Jul 14 j 08:42	15°♌	
evening set	-1260 Aug 07 j 16:06	17°♌45'03	
conjunction	-1260 Aug 24 j 22:29	19°♌49'46	1°55'22
minimum elong	-1260 Aug 24 j 22:26	19°♌49'45	1°55'24
max. Earth dist.	-1260 Aug 25 j 03:54	19°♌51'25	10.72076 AU
morning rise	-1260 Sep 10 j 23:44	21°♌52'59	
retrograde	-1260 Dec 19 j 07:07	29°♌03'45	
opposition	-1259 Feb 25 j 10:00	25°♌44'58	2°31'13
min. Earth dist.	-1259 Feb 25 j 06:08	25°♌45'42	8.78629 AU
direct	-1259 May 07 j 03:36	22°♌20'28	
evening set	-1259 Aug 20 j 05:52	29°♌48'31	
	-1259 Aug 21 j 20:57	0°♍	
conjunction	-1259 Sep 06 j 07:06	1°♍50'15	2°09'55
minimum elong	-1259 Sep 06 j 07:03	1°♍50'14	2°09'56
max. Earth dist.	-1259 Sep 06 j 10:21	1°♍51'13	10.84718 AU
morning rise	-1259 Sep 23 j 03:27	3°♍50'33	
retrograde	-1259 Dec 31 j 05:23	10°♍54'19	
opposition	-1258 Mar 09 j 19:10	7°♍36'40	2°45'12
min. Earth dist.	-1258 Mar 09 j 17:59	7°♍36'54	8.90630 AU
direct	-1258 May 19 j 21:14	4°♍13'32	
evening set	-1258 Sep 01 j 09:42	11°♍33'30	
conjunction	-1258 Sep 18 j 06:20	13°♍32'39	2°18'39
minimum elong	-1258 Sep 18 j 06:19	13°♍32'39	2°18'39
max. Earth dist.	-1258 Sep 18 j 06:17	13°♍32'39	10.95851 AU
morning rise	-1258 Oct 04 j 22:47	15°♍30'35	
retrograde	-1257 Jan 11 j 21:21	22°♍28'49	
opposition	-1257 Mar 21 j 23:37	19°♍12'01	2°52'03
min. Earth dist.	-1257 Mar 22 j 00:31	19°♍11'50	9.00871 AU
direct	-1257 Jun 01 j 07:37	15°♍50'09	
evening set	-1257 Sep 13 j 04:42	23°♍02'53	
conjunction	-1257 Sep 29 j 21:42	25°♍00'00	2°21'37
minimum elong	-1257 Sep 29 j 21:42	25°♍00'00	2°21'36
max. Earth dist.	-1257 Sep 29 j 19:01	24°♍59'13	11.05008 AU
morning rise	-1257 Oct 16 j 11:11	26°♍56'06	
	-1257 Nov 13 j 19:50	0°♎	
retrograde	-1256 Jan 23 j 11:25	3°♎50'24	
opposition	-1256 Apr 02 j 00:11	0°♎34'08	2°52'01
min. Earth dist.	-1256 Apr 02 j 02:43	0°♎33'40	9.08897 AU
	-1256 Apr 09 j 17:35	30°℞♍	
direct	-1256 Jun 12 j 13:47	27°♍13'26	
	-1256 Aug 12 j 09:10	0°♎	
evening set	-1256 Sep 23 j 16:45	4°♎20'04	
conjunction	-1256 Oct 10 j 07:09	6°♎15'44	2°19'00
minimum elong	-1256 Oct 10 j 07:10	6°♎15'44	2°18'59
max. Earth dist.	-1256 Oct 10 j 02:44	6°♎14'26	11.11782 AU
morning rise	-1256 Oct 26 j 18:29	8°♎10'33	
retrograde	-1255 Feb 03 j 00:24	15°♎02'35	
opposition	-1255 Apr 13 j 22:07	11°♎46'34	2°45'26
min. Earth dist.	-1255 Apr 14 j 02:28	11°♎45'46	9.14377 AU
direct	-1255 Jun 24 j 11:56	8°♎26'55	
evening set	-1255 Oct 04 j 23:36	15°♎28'45	
conjunction	-1255 Oct 21 j 12:13	17°♎23'30	2°11'08
minimum elong	-1255 Oct 21 j 12:15	17°♎23'30	2°11'08
max. Earth dist.	-1255 Oct 21 j 05:46	17°♎21'37	11.15940 AU
morning rise	-1255 Nov 06 j 22:28	19°♎17'39	
retrograde	-1254 Feb 14 j 11:59	26°♎09'06	

Attention, astronomical year style is used: The year -1254 in astronomical counting style is the year 1255 BCE in historical counting style.

opposition	-1254 Apr 25 j 18:57	22°♎53'03	2°32'45
min. Earth dist.	-1254 Apr 26 j 01:40	22°♎51'49	9.17178 AU
direct	-1254 Jul 06 j 06:20	19°♎34'11	
evening set	-1254 Oct 16 j 02:54	26°♎32'34	
conjunction	-1254 Nov 01 j 14:29	28°♎26'57	1°58'24
minimum elong	-1254 Nov 01 j 14:31	28°♎26'58	1°58'24
max. Earth dist.	-1254 Nov 01 j 05:29	28°♎24'20	11.17418 AU
	-1254 Nov 14 j 23:25	0°♏	
morning rise	-1254 Nov 18 j 00:47	0°♏20'59	
retrograde	-1253 Feb 26 j 00:56	7°♏13'29	
opposition	-1253 May 07 j 15:30	3°♏57'03	2°14'28
min. Earth dist.	-1253 May 08 j 00:02	3°♏55'29	9.17278 AU
direct	-1253 Jul 17 j 23:26	0°♏38'43	
evening set	-1253 Oct 27 j 04:32	7°♏35'03	
conjunction	-1253 Nov 12 j 16:01	9°♏29'35	1°41'17
minimum elong	-1253 Nov 12 j 16:04	9°♏29'35	1°41'16
max. Earth dist.	-1253 Nov 12 j 05:37	9°♏26'32	11.16216 AU
morning rise	-1253 Nov 29 j 03:06	11°♏24'02	
	-1252 Jan 02 j 09:15	15°♏	
retrograde	-1252 Mar 08 j 15:37	18°♏19'08	
opposition	-1252 May 18 j 12:36	15°♏01'58	1°51'11
	-1252 May 18 j 23:24	15°℞♏	
min. Earth dist.	-1252 May 18 j 21:44	15°♏00'18	9.14706 AU
direct	-1252 Jul 28 j 14:48	11°♏43'57	
	-1252 Oct 02 j 09:39	15°♏	
evening set	-1252 Nov 06 j 06:12	18°♏39'42	
conjunction	-1252 Nov 22 j 18:23	20°♏34'51	1°20'18
minimum elong	-1252 Nov 22 j 18:25	20°♏34'52	1°20'17
max. Earth dist.	-1252 Nov 22 j 07:57	20°♏31'48	11.12390 AU
morning rise	-1252 Dec 09 j 06:46	22°♏30'11	
retrograde	-1251 Mar 20 j 12:57	29°♏29'31	
opposition	-1251 May 30 j 11:53	26°♏11'23	1°23'33
min. Earth dist.	-1251 May 30 j 21:09	26°♏09'41	9.09565 AU
direct	-1251 Aug 09 j 06:32	22°♏53'25	
evening set	-1251 Nov 17 j 09:46	29°♏50'04	
	-1251 Nov 18 j 20:08	0°♐	
conjunction	-1251 Dec 03 j 23:02	1°♐46'19	0°56'04
minimum elong	-1251 Dec 03 j 23:04	1°♐46'20	0°56'03
max. Earth dist.	-1251 Dec 03 j 11:55	1°♐43'03	11.06079 AU
morning rise	-1251 Dec 20 j 13:27	3°♐42'59	
retrograde	-1250 Apr 01 j 13:06	10°♐48'08	
opposition	-1250 Jun 11 j 14:21	7°♐28'49	0°52'21
min. Earth dist.	-1250 Jun 12 j 00:10	7°♐27'00	9.02048 AU
direct	-1250 Aug 20 j 20:45	4°♐10'37	
evening set	-1250 Nov 28 j 17:17	11°♐09'52	
conjunction	-1250 Dec 15 j 08:04	13°♐07'35	0°29'21
minimum elong	-1250 Dec 15 j 08:05	13°♐07'35	0°29'19
max. Earth dist.	-1250 Dec 14 j 19:59	13°♐04'00	10.97513 AU
morning rise	-1249 Jan 01 j 01:06	15°♐06'00	
retrograde	-1249 Apr 13 j 19:30	22°♐18'32	
opposition	-1249 Jun 23 j 20:49	18°♐57'49	0°18'29
min. Earth dist.	-1249 Jun 24 j 07:07	18°♐55'53	8.92423 AU
direct	-1249 Sep 01 j 16:23	15°♐39'09	
evening set	-1249 Dec 10 j 06:25	22°♐42'40	
conjunction	-1249 Dec 26 j 23:16	24°♐42'15	0°00'58
minimum elong	-1249 Dec 26 j 23:17	24°♐42'16	0°00'57
behind sun begin	-1249 Dec 26 j 16:17	24°♐40'11	
behind sun end	-1249 Dec 27 j 06:17	24°♐44'20	
max. Earth dist.	-1249 Dec 26 j 11:45	24°♐38'48	10.86981 AU
desc. node	-1248 Jan 08 j 01:33	26°♐09'12	
morning rise	-1248 Jan 12 j 19:09	26°♐42'47	
	-1248 Feb 11 j 15:11	0°♑	
retrograde	-1248 Apr 25 j 10:59	4°♑04'10	
opposition	-1248 Jul 05 j 08:29	0°♑41'54	-0°16'57
min. Earth dist.	-1248 Jul 05 j 17:57	0°♑40'07	8.81024 AU
	-1248 Jul 14 j 16:32	30°℞♐	
direct	-1248 Sep 12 j 15:33	27°♐22'35	
	-1248 Nov 08 j 07:38	0°♑	
evening set	-1248 Dec 21 j 02:55	4°♑31'58	
conjunction	-1247 Jan 06 j 22:15	6°♑33'46	-0°28'08
minimum elong	-1247 Jan 06 j 22:14	6°♑33'45	0°28'09
max. Earth dist.	-1247 Jan 06 j 12:12	6°♑30'43	10.74854 AU
morning rise	-1247 Jan 23 j 21:04	8°♑36'42	
retrograde	-1247 May 08 j 10:25	16°♑08'14	
opposition	-1247 Jul 18 j 02:19	12°♑44'21	-0°52'40
min. Earth dist.	-1247 Jul 18 j 10:09	12°♑42'51	8.68277 AU
direct	-1247 Sep 24 j 19:08	9°♑24'12	
evening set	-1246 Jan 02 j 08:50	16°♑41'01	
conjunction	-1246 Jan 19 j 06:50	18°♑45'17	-0°56'39
minimum elong	-1246 Jan 19 j 06:47	18°♑45'17	0°56'39
max. Earth dist.	-1246 Jan 18 j 21:59	18°♑42'34	10.61613 AU
morning rise	-1246 Feb 05 j 08:55	20°♑50'54	
retrograde	-1246 May 21 j 20:04	28°♑33'29	
opposition	-1246 Jul 31 j 03:00	25°♑07'59	-1°27'04
min. Earth dist.	-1246 Jul 31 j 09:15	25°♑06'47	8.54713 AU
direct	-1246 Oct 07 j 05:31	21°♑46'50	
evening set	-1245 Jan 15 j 01:28	29°♑12'25	
	-1245 Jan 21 j 11:50	0°♒	
conjunction	-1245 Feb 01 j 02:21	1°♒19'24	-1°23'15
minimum elong	-1245 Feb 01 j 02:19	1°♒19'23	1°23'16
max. Earth dist.	-1245 Jan 31 j 18:22	1°♒16'54	10.47832 AU
morning rise	-1245 Feb 18 j 08:00	3°♒27'53	
retrograde	-1245 Jun 04 j 15:14	11°♒21'59	
opposition	-1245 Aug 13 j 11:07	7°♒54'57	-1°58'21
min. Earth dist.	-1245 Aug 13 j 16:08	7°♒53'57	8.40942 AU
direct	-1245 Oct 19 j 22:57	4°♒32'37	
evening set	-1244 Jan 28 j 05:52	12°♒08'03	
conjunction	-1244 Feb 14 j 10:00	14°♒17'52	-1°46'25
minimum elong	-1244 Feb 14 j 09:57	14°♒17'51	1°46'26
max. Earth dist.	-1244 Feb 14 j 03:58	14°♒15'58	10.34163 AU
	-1244 Feb 19 j 22:51	15°♒	
morning rise	-1244 Mar 02 j 19:14	16°♒29'19	
retrograde	-1244 Jun 17 j 18:33	24°♒34'44	
opposition	-1244 Aug 26 j 02:38	21°♒06'19	-2°24'32
min. Earth dist.	-1244 Aug 26 j 06:00	21°♒05'38	8.27653 AU
direct	-1244 Nov 01 j 02:03	17°♒42'45	
evening set	-1243 Feb 09 j 22:34	25°♒28'34	
conjunction	-1243 Feb 27 j 06:25	27°♒41'18	-2°04'33
minimum elong	-1243 Feb 27 j 06:23	27°♒41'17	2°04'34
max. Earth dist.	-1243 Feb 27 j 03:25	27°♒40'20	10.21335 AU
morning rise	-1243 Mar 16 j 19:20	29°♒55'39	
	-1243 Mar 17 j 09:09	0°♓	
retrograde	-1243 Jul 02 j 05:20	8°♓11'24	
opposition	-1243 Sep 09 j 01:13	4°♓41'49	-2°43'33
min. Earth dist.	-1243 Sep 09 j 02:14	4°♓41'37	8.15588 AU
direct	-1243 Nov 14 j 15:06	1°♓17'00	
evening set	-1242 Feb 24 j 03:28	9°♓13'05	
conjunction	-1242 Mar 13 j 15:27	11°♓28'40	-2°16'06
minimum elong	-1242 Mar 13 j 15:25	11°♓28'40	2°16'07
max. Earth dist.	-1242 Mar 13 j 16:05	11°♓28'53	10.10099 AU
morning rise	-1242 Mar 31 j 08:05	13°♓45'48	
retrograde	-1242 Jul 16 j 23:50	22°♓09'55	

Attention, astronomical year style is used: The year -1242 in astronomical counting style is the year 1243 BCE in historical counting style.

opposition	-1242 Sep 23 j 05:59	18°♓39'30	-2°53'33
min. Earth dist.	-1242 Sep 23 j 04:10	18°♓39'52	8.05465 AU
direct	-1242 Nov 28 j 11:43	15°♓13'29	
evening set	-1241 Mar 10 j 19:43	23°♓18'57	
conjunction	-1241 Mar 28 j 11:57	25°♓37'09	-2°19'50
minimum elong	-1241 Mar 28 j 11:58	25°♓37'09	2°19'50
max. Earth dist.	-1241 Mar 28 j 16:05	25°♓38'30	10.01162 AU
morning rise	-1241 Apr 15 j 08:14	27°♓56'42	
	-1241 May 01 j 18:26	0°♈	
retrograde	-1241 Jul 31 j 22:54	6°♈26'21	
opposition	-1241 Oct 07 j 15:24	2°♈55'30	-2°53'09
min. Earth dist.	-1241 Oct 07 j 10:54	2°♈56'26	7.97940 AU
	-1241 Nov 19 j 00:07	30°℞♓	
direct	-1241 Dec 12 j 16:08	29°♓28'22	
	-1240 Jan 05 j 05:30	0°♈	
evening set	-1240 Mar 24 j 21:12	7°♈41'36	
conjunction	-1240 Apr 11 j 17:40	10°♈01'58	-2°14'59
minimum elong	-1240 Apr 11 j 17:42	10°♈01'59	2°14'59
max. Earth dist.	-1240 Apr 12 j 00:47	10°♈04'19	9.95139 AU
morning rise	-1240 Apr 29 j 17:21	12°♈23'25	
retrograde	-1240 Aug 14 j 23:42	20°♈55'07	
opposition	-1240 Oct 21 j 03:53	17°♈24'14	-2°41'47
min. Earth dist.	-1240 Oct 20 j 21:20	17°♈25'36	7.93538 AU
direct	-1240 Dec 26 j 03:59	13°♈56'07	
evening set	-1239 Apr 09 j 05:07	22°♈14'46	
conjunction	-1239 Apr 27 j 05:26	24°♈36'40	-2°01'33
minimum elong	-1239 Apr 27 j 05:30	24°♈36'41	2°01'32
max. Earth dist.	-1239 Apr 27 j 14:57	24°♈39'48	9.92451 AU
morning rise	-1239 May 15 j 07:58	26°♈59'17	
	-1239 Jun 08 j 15:45	0°♉	
retrograde	-1239 Aug 29 j 22:26	5°♉29'14	
opposition	-1239 Nov 04 j 17:08	1°♉58'46	-2°19'56
min. Earth dist.	-1239 Nov 04 j 09:17	2°♉00'24	7.92551 AU
	-1239 Nov 29 j 23:54	30°℞♈	
direct	-1238 Jan 09 j 21:34	28°♈29'51	
	-1238 Feb 19 j 08:51	0°♉	
evening set	-1238 Apr 24 j 16:24	6°♉51'09	
conjunction	-1238 May 12 j 19:41	9°♉13'43	-1°40'18
minimum elong	-1238 May 12 j 19:45	9°♉13'44	1°40'17
max. Earth dist.	-1238 May 13 j 06:37	9°♉17'20	9.93245 AU
morning rise	-1238 May 30 j 23:57	11°♉36'35	
	-1238 Jun 27 j 16:24	15°♉	
retrograde	-1238 Sep 13 j 15:49	20°♉01'14	
opposition	-1238 Nov 19 j 04:48	16°♉31'35	-1°49'08
min. Earth dist.	-1238 Nov 18 j 20:23	16°♉33'20	7.94993 AU
	-1238 Dec 08 j 04:08	15°℞♉	
direct	-1237 Jan 24 j 17:26	13°♉02'06	
	-1237 Mar 12 j 14:13	15°♉	
evening set	-1237 May 10 j 03:13	21°♉23'11	
conjunction	-1237 May 28 j 08:08	23°♉45'29	-1°12'47
minimum elong	-1237 May 28 j 08:11	23°♉45'31	1°12'47
max. Earth dist.	-1237 May 28 j 19:28	23°♉49'12	9.97373 AU
morning rise	-1237 Jun 15 j 12:42	26°♉07'37	
	-1237 Jul 17 j 18:28	0°♊	
retrograde	-1237 Sep 28 j 02:49	4°♊24'13	
opposition	-1237 Dec 03 j 13:05	0°♊55'42	-1°11'43
min. Earth dist.	-1237 Dec 03 j 04:30	0°♊57'29	8.00583 AU
	-1237 Dec 14 j 20:55	30°℞♉	
direct	-1236 Feb 08 j 12:57	27°♉26'00	
	-1236 Apr 02 j 23:37	0°♊	
evening set	-1236 May 24 j 10:06	5°♊44'18	

conjunction	-1236 Jun 11 j 15:05	8°♊05'25	-0°41'04
minimum elong	-1236 Jun 11 j 15:07	8°♊05'26	0°41'03
max. Earth dist.	-1236 Jun 12 j 02:13	8°♊09'02	10.04428 AU
morning rise	-1236 Jun 29 j 18:22	10°♊25'55	
retrograde	-1236 Oct 11 j 06:15	18°♊32'42	
opposition	-1236 Dec 16 j 16:22	15°♊05'37	-0°30'33
min. Earth dist.	-1236 Dec 16 j 07:38	15°♊07'24	8.08874 AU
direct	-1235 Feb 22 j 05:38	11°♊36'02	
evening set	-1235 Jun 08 j 10:45	19°♊49'31	
conjunction	-1235 Jun 26 j 14:07	22°♊08'35	-0°07'27
minimum elong	-1235 Jun 26 j 14:07	22°♊08'35	0°07'26
behind sun begin	-1235 Jun 26 j 07:27	22°♊06'28	
behind sun end	-1235 Jun 26 j 20:47	22°♊10'43	
max. Earth dist.	-1235 Jun 27 j 00:54	22°♊12'02	10.13941 AU
morning rise	-1235 Jul 14 j 14:26	24°♊26'39	
	-1235 Sep 03 j 03:29	0°♋	
asc. node	-1235 Sep 17 j 12:47	1°♋05'49	
retrograde	-1235 Oct 25 j 01:04	2°♋22'37	
	-1235 Dec 17 j 11:35	30°℞♊	
opposition	-1235 Dec 30 j 13:33	28°♊57'07	0°11'28
min. Earth dist.	-1235 Dec 30 j 04:52	28°♊58'53	8.19405 AU
direct	-1234 Mar 08 j 18:04	25°♊27'57	
	-1234 May 23 j 11:33	0°♋	
evening set	-1234 Jun 23 j 02:43	3°♋34'52	
conjunction	-1234 Jul 11 j 02:51	5°♋51'12	0°26'00
minimum elong	-1234 Jul 11 j 02:50	5°♋51'12	0°26'01
max. Earth dist.	-1234 Jul 11 j 13:08	5°♋54'28	10.25410 AU
morning rise	-1234 Jul 28 j 22:51	8°♋06'14	
retrograde	-1234 Nov 07 j 10:02	15°♋51'05	
opposition	-1233 Jan 13 j 04:14	12°♋27'11	0°51'41
min. Earth dist.	-1233 Jan 12 j 20:07	12°♋28'49	8.31625 AU
direct	-1233 Mar 23 j 00:02	8°♋58'44	
evening set	-1233 Jul 07 j 08:03	16°♋57'43	
conjunction	-1233 Jul 25 j 03:41	19°♋10'50	0°57'09
minimum elong	-1233 Jul 25 j 03:38	19°♋10'49	0°57'09
max. Earth dist.	-1233 Jul 25 j 13:02	19°♋13'46	10.38220 AU
morning rise	-1233 Aug 11 j 18:27	21°♋22'27	
retrograde	-1233 Nov 20 j 10:38	28°♋56'29	
opposition	-1232 Jan 26 j 11:51	25°♋34'11	1°27'55
min. Earth dist.	-1232 Jan 26 j 05:14	25°♋35'30	8.44877 AU
direct	-1232 Apr 04 j 21:53	22°♋06'36	
evening set	-1232 Jul 20 j 02:04	29°♋56'55	
	-1232 Jul 20 j 12:15	0°♌	
conjunction	-1232 Aug 06 j 16:24	2°♌06'37	1°24'33
minimum elong	-1232 Aug 06 j 16:21	2°♌06'36	1°24'33
max. Earth dist.	-1232 Aug 06 j 23:44	2°♌08'53	10.51689 AU
morning rise	-1232 Aug 24 j 01:38	4°♌14'45	
retrograde	-1232 Dec 02 j 02:05	11°♌38'40	
opposition	-1231 Feb 07 j 12:17	8°♌17'50	1°58'38
min. Earth dist.	-1231 Feb 07 j 07:35	8°♌18'45	8.58462 AU
direct	-1231 Apr 18 j 11:41	4°♌51'17	
evening set	-1231 Aug 02 j 08:26	12°♌32'39	
conjunction	-1231 Aug 19 j 17:11	14°♌38'58	1°47'08
minimum elong	-1231 Aug 19 j 17:08	14°♌38'57	1°47'09
max. Earth dist.	-1231 Aug 19 j 21:42	14°♌40'21	10.65133 AU
	-1231 Aug 22 j 14:07	15°♌	
morning rise	-1231 Sep 05 j 20:59	16°♌43'45	
retrograde	-1231 Dec 14 j 07:28	23°♌58'40	
opposition	-1230 Feb 20 j 06:09	20°♌39'07	2°22'51
min. Earth dist.	-1230 Feb 20 j 02:56	20°♌39'44	8.71706 AU
direct	-1230 May 01 j 19:15	17°♌13'44	
evening set	-1230 Aug 15 j 03:11	24°♌46'13	

Attention, astronomical year style is used: The year -1230 in astronomical counting style is the year 1231 BCE in historical counting style.

conjunction	-1230 Sep 01 j 06:38	26°♌49'23	2°04'14
minimum elong	-1230 Sep 01 j 06:36	26°♌49'22	2°04'16
max. Earth dist.	-1230 Sep 01 j 09:01	26°♌50'06	10.77923 AU
morning rise	-1230 Sep 18 j 05:21	28°♌51'07	
	-1230 Sep 28 j 02:38	0°♍	
retrograde	-1230 Dec 26 j 08:35	5°♍58'24	
opposition	-1229 Mar 04 j 17:57	2°♍39'54	2°40'02
min. Earth dist.	-1229 Mar 04 j 15:46	2°♍40'19	8.84008 AU
	-1229 Apr 14 j 03:57	30℞♌	
direct	-1229 May 14 j 17:44	29°♌15'45	
	-1229 Jun 14 j 00:09	0°♍	
evening set	-1229 Aug 27 j 11:25	6°♍39'47	
conjunction	-1229 Sep 13 j 10:13	8°♍40'13	2°15'35
minimum elong	-1229 Sep 13 j 10:11	8°♍40'13	2°15'35
max. Earth dist.	-1229 Sep 13 j 11:17	8°♍40'32	10.89516 AU
morning rise	-1229 Sep 30 j 04:26	10°♍39'20	
retrograde	-1228 Jan 07 j 04:11	17°♍40'22	
opposition	-1228 Mar 16 j 00:24	14°♍22'43	2°50'03
min. Earth dist.	-1228 Mar 15 j 23:55	14°♍22'48	8.94865 AU
direct	-1228 May 26 j 06:50	10°♍59'47	
evening set	-1228 Sep 07 j 10:23	18°♍16'09	
conjunction	-1228 Sep 24 j 05:11	20°♍14'19	2°21'06
minimum elong	-1228 Sep 24 j 05:10	20°♍14'19	2°21'05
max. Earth dist.	-1228 Sep 24 j 04:26	20°♍14'06	10.99454 AU
morning rise	-1228 Oct 10 j 19:52	22°♍11'20	
retrograde	-1227 Jan 17 j 19:13	29°♍07'39	
opposition	-1227 Mar 28 j 02:46	25°♍50'38	2°53'03
min. Earth dist.	-1227 Mar 28 j 04:37	25°♍50'17	9.03866 AU
direct	-1227 Jun 07 j 14:06	22°♍28'52	
evening set	-1227 Sep 19 j 01:33	29°♍38'34	
	-1227 Sep 22 j 03:57	0°♎	
conjunction	-1227 Oct 05 j 17:04	1°♎34'57	2°20'55
minimum elong	-1227 Oct 05 j 17:04	1°♎34'58	2°20'54
max. Earth dist.	-1227 Oct 05 j 13:38	1°♎33'57	11.07384 AU
morning rise	-1227 Oct 22 j 05:19	3°♎30'25	
retrograde	-1226 Jan 29 j 07:12	10°♎23'36	
opposition	-1226 Apr 09 j 01:57	7°♎06'59	2°49'18
min. Earth dist.	-1226 Apr 09 j 05:48	7°♎06'17	9.10700 AU
direct	-1226 Jun 19 j 15:31	3°♎46'19	
evening set	-1226 Sep 30 j 10:30	10°♎50'28	
conjunction	-1226 Oct 16 j 23:46	12°♎45'39	2°15'20
minimum elong	-1226 Oct 16 j 23:47	12°♎45'39	2°15'19
max. Earth dist.	-1226 Oct 16 j 18:13	12°♎44'02	11.13046 AU
morning rise	-1226 Nov 02 j 10:36	14°♎40'09	
retrograde	-1225 Feb 09 j 18:09	21°♎31'49	
opposition	-1225 Apr 20 j 22:57	18°♎15'18	2°39'13
min. Earth dist.	-1225 Apr 21 j 03:41	18°♎14'26	9.15136 AU
direct	-1225 Jul 01 j 12:56	14°♎55'37	
evening set	-1225 Oct 11 j 14:51	21°♎55'28	
conjunction	-1225 Oct 28 j 02:57	23°♎50'00	2°04'41
minimum elong	-1225 Oct 28 j 02:59	23°♎50'01	2°04'41
max. Earth dist.	-1225 Oct 27 j 20:44	23°♎48'12	11.16239 AU
morning rise	-1225 Nov 13 j 13:11	25°♎44'04	
	-1225 Dec 25 j 10:08	0°♏	
retrograde	-1224 Feb 21 j 07:58	2°♏35'49	
	-1224 Apr 22 j 10:27	30℞♎	
opposition	-1224 May 01 j 19:04	29°♎19'11	2°23'19
min. Earth dist.	-1224 May 02 j 00:44	29°♎18'09	9.17013 AU
direct	-1224 Jul 12 j 06:34	26°♎00'20	
	-1224 Sep 24 j 03:03	0°♏	
evening set	-1224 Oct 21 j 16:44	2°♏57'15	

conjunction	-1224 Nov 07 j 04:19	4°♏51'39	1°49'26
minimum elong	-1224 Nov 07 j 04:22	4°♏51'40	1°49'26
max. Earth dist.	-1224 Nov 06 j 20:53	4°♏49'29	11.16843 AU
morning rise	-1224 Nov 23 j 14:50	6°♏45'50	
retrograde	-1223 Mar 03 j 21:10	13°♏39'15	
opposition	-1223 May 13 j 15:31	10°♏22'16	2°02'08
min. Earth dist.	-1223 May 13 j 22:44	10°♏20'57	9.16274 AU
direct	-1223 Jul 23 j 20:12	7°♏04'01	
evening set	-1223 Nov 01 j 17:56	13°♏59'31	
	-1223 Nov 10 j 11:37	15°♏	
conjunction	-1223 Nov 18 j 05:37	15°♏54'15	1°30'05
minimum elong	-1223 Nov 18 j 05:39	15°♏54'16	1°30'04
max. Earth dist.	-1223 Nov 17 j 20:13	15°♏51'31	11.14854 AU
morning rise	-1223 Dec 04 j 17:21	17°♏49'03	
retrograde	-1222 Mar 15 j 14:22	24°♏45'48	
opposition	-1222 May 25 j 13:31	21°♏28'11	1°36'20
min. Earth dist.	-1222 May 25 j 22:05	21°♏26'36	9.12961 AU
direct	-1222 Aug 04 j 11:17	18°♏10'17	
evening set	-1222 Nov 12 j 20:02	25°♏05'52	
conjunction	-1222 Nov 29 j 08:37	27°♏01'25	1°07'14
minimum elong	-1222 Nov 29 j 08:39	27°♏01'26	1°07'12
max. Earth dist.	-1222 Nov 28 j 22:40	26°♏58'30	11.10335 AU
morning rise	-1222 Dec 15 j 22:09	28°♏57'18	
	-1222 Dec 25 j 03:46	0°♐	
retrograde	-1221 Mar 27 j 11:49	5°♐59'00	
opposition	-1221 Jun 06 j 13:56	2°♐40'28	1°06'38
min. Earth dist.	-1221 Jun 06 j 22:35	2°♐38'53	9.07172 AU
	-1221 Jul 19 j 01:19	30℞♏	
direct	-1221 Aug 16 j 02:15	29°♏22'43	
	-1221 Sep 12 j 15:51	0°♐	
evening set	-1221 Nov 24 j 01:12	6°♐19'58	
conjunction	-1221 Dec 10 j 15:16	8°♐16'46	0°41'32
minimum elong	-1221 Dec 10 j 15:17	8°♐16'46	0°41'30
max. Earth dist.	-1221 Dec 10 j 05:39	8°♐13'56	11.03412 AU
morning rise	-1221 Dec 27 j 06:54	10°♐14'07	
retrograde	-1220 Apr 07 j 16:29	17°♐22'19	
opposition	-1220 Jun 17 j 17:50	14°♐02'41	0°33'53
min. Earth dist.	-1220 Jun 18 j 02:04	14°♐01'10	8.99090 AU
direct	-1220 Aug 26 j 19:51	10°♐44'48	
evening set	-1220 Dec 04 j 11:13	17°♐45'21	
conjunction	-1220 Dec 21 j 03:03	19°♐43'47	0°13'49
minimum elong	-1220 Dec 21 j 03:03	19°♐43'47	0°13'48
behind sun begin	-1220 Dec 20 j 23:14	19°♐42'40	
behind sun end	-1220 Dec 21 j 06:53	19°♐44'55	
max. Earth dist.	-1220 Dec 20 j 17:16	19°♐40'52	10.94317 AU
morning rise	-1219 Jan 06 j 21:18	21°♐43'01	
retrograde	-1219 Apr 20 j 04:19	28°♐59'11	
desc. node	-1219 Jun 20 j 05:31	26°♐22'11	
opposition	-1219 Jun 30 j 02:39	25°♐38'16	-0°00'56
min. Earth dist.	-1219 Jun 30 j 10:49	25°♐36'44	8.88993 AU
direct	-1219 Sep 07 j 14:56	22°♐19'58	
evening set	-1219 Dec 16 j 03:44	29°♐25'24	
	-1219 Dec 21 j 00:18	0°♑	
conjunction	-1218 Jan 01 j 21:37	1°♑25'48	-0°15'04
minimum elong	-1218 Jan 01 j 21:36	1°♑25'48	0°15'05
behind sun begin	-1218 Jan 01 j 18:56	1°♑25'00	
behind sun end	-1218 Jan 02 j 00:17	1°♑26'36	
max. Earth dist.	-1218 Jan 01 j 11:15	1°♑22'41	10.83358 AU
morning rise	-1218 Jan 18 j 18:56	3°♑27'16	
retrograde	-1218 May 02 j 22:02	10°♑52'45	
opposition	-1218 Jul 12 j 17:03	7°♑30'22	-0°36'34
min. Earth dist.	-1218 Jul 13 j 01:24	7°♑28'47	8.77221 AU

Attention, astronomical year style is used: The year -1218 in astronomical counting style is the year 1219 BCE in historical counting style.

direct	-1218 Sep 19 j 15:19	4°♑11'21	
evening set	-1218 Dec 28 j 04:34	11°♑23'19	
conjunction	-1217 Jan 14 j 00:59	13°♑26'01	-0°43'53
minimum elong	-1217 Jan 14 j 00:57	13°♑26'01	0°43'53
max. Earth dist.	-1217 Jan 13 j 15:04	13°♑23'00	10.70890 AU
morning rise	-1217 Jan 31 j 01:29	15°♑29'59	
retrograde	-1217 May 16 j 01:36	23°♑05'55	
opposition	-1217 Jul 25 j 13:33	19°♑41'57	-1°11'38
min. Earth dist.	-1217 Jul 25 j 21:25	19°♑40'27	8.64165 AU
direct	-1217 Oct 01 j 23:21	16°♑22'00	
evening set	-1216 Jan 09 j 15:15	23°♑42'02	
conjunction	-1216 Jan 26 j 14:34	25°♑47'19	-1°11'26
minimum elong	-1216 Jan 26 j 14:32	25°♑47'19	1°11'26
max. Earth dist.	-1216 Jan 26 j 06:12	25°♑44'44	10.57348 AU
morning rise	-1216 Feb 12 j 18:18	27°♑54'02	
	-1216 Mar 01 j 14:58	0°♒	
retrograde	-1216 May 28 j 15:11	5°♒41'17	
opposition	-1216 Aug 06 j 17:13	2°♒15'42	-1°44'26
min. Earth dist.	-1216 Aug 06 j 23:28	2°♒14'30	8.50342 AU
	-1216 Sep 07 j 16:15	30°℞♑	
direct	-1216 Oct 13 j 12:39	28°♑54'39	
	-1216 Nov 17 j 13:43	0°♒	
evening set	-1215 Jan 21 j 12:59	6°♒24'02	
conjunction	-1215 Feb 07 j 15:28	8°♒32'06	-1°36'17
minimum elong	-1215 Feb 07 j 15:25	8°♒32'05	1°36'17
max. Earth dist.	-1215 Feb 07 j 08:49	8°♒30'01	10.43356 AU
morning rise	-1215 Feb 24 j 22:38	10°♒41'44	
	-1215 Apr 04 j 02:30	15°♒	
retrograde	-1215 Jun 11 j 13:59	18°♒40'33	
opposition	-1215 Aug 20 j 04:21	15°♒13'24	-2°13'07
min. Earth dist.	-1215 Aug 20 j 08:29	15°♒12'35	8.36465 AU
	-1215 Aug 23 j 00:24	15°℞♒	
direct	-1215 Oct 26 j 10:16	11°♒51'04	
	-1215 Dec 26 j 01:05	15°♒	
evening set	-1214 Feb 03 j 23:02	19°♒30'39	
conjunction	-1214 Feb 21 j 04:57	21°♒41'39	-1°56'52
minimum elong	-1214 Feb 21 j 04:54	21°♒41'38	1°56'53
max. Earth dist.	-1214 Feb 20 j 23:58	21°♒40'04	10.29697 AU
morning rise	-1214 Mar 10 j 15:49	23°♒54'15	
	-1214 May 06 j 23:17	0°♓	
retrograde	-1214 Jun 25 j 21:11	2°♓04'01	
	-1214 Aug 15 j 19:15	30°℞♒	
opposition	-1214 Sep 02 j 22:38	28°♒35'27	-2°35'38
min. Earth dist.	-1214 Sep 03 j 01:01	28°♒34'58	8.23327 AU
direct	-1214 Nov 08 j 16:53	25°♒11'41	
	-1213 Jan 23 j 16:42	0°♓	
evening set	-1213 Feb 17 j 21:21	3°♓01'44	
conjunction	-1213 Mar 07 j 07:04	5°♓15'40	-2°11'37
minimum elong	-1213 Mar 07 j 07:03	5°♓15'39	2°11'38
max. Earth dist.	-1213 Mar 07 j 04:08	5°♓14'43	10.17168 AU
morning rise	-1213 Mar 24 j 21:47	7°♓31'10	
retrograde	-1213 Jul 10 j 12:00	15°♓50'23	
opposition	-1213 Sep 16 j 23:40	12°♓20'39	-2°50'02
min. Earth dist.	-1213 Sep 17 j 00:18	12°♓20'32	8.11704 AU
direct	-1213 Nov 22 j 08:21	8°♓55'26	
evening set	-1212 Mar 03 j 07:11	16°♓55'29	
conjunction	-1212 Mar 20 j 21:03	19°♓12'10	-2°19'09
minimum elong	-1212 Mar 20 j 21:02	19°♓12'10	2°19'09
max. Earth dist.	-1212 Mar 20 j 20:51	19°♓12'07	10.06533 AU
morning rise	-1212 Apr 07 j 15:34	21°♓30'21	
retrograde	-1212 Jul 24 j 07:36	29°♓56'42	

opposition	-1212 Sep 30 j 06:13	26°♓26'07	-2°54'42
min. Earth dist.	-1212 Sep 30 j 04:55	26°♓26'23	8.02314 AU
direct	-1212 Dec 05 j 09:26	22°♓59'29	
	-1211 Mar 09 j 04:14	0°♈	
evening set	-1211 Mar 18 j 03:21	1°♈08'19	
conjunction	-1211 Apr 04 j 21:35	3°♈27'29	-2°18'25
minimum elong	-1211 Apr 04 j 21:37	3°♈27'29	2°18'26
max. Earth dist.	-1211 Apr 05 j 00:44	3°♈28'31	9.98474 AU
morning rise	-1211 Apr 22 j 19:45	5°♈47'55	
retrograde	-1211 Aug 08 j 05:47	14°♈18'14	
opposition	-1211 Oct 14 j 16:32	10°♈47'12	-2°48'36
min. Earth dist.	-1211 Oct 14 j 12:58	10°♈47'57	7.95762 AU
direct	-1211 Dec 19 j 18:22	7°♈19'19	
evening set	-1210 Apr 02 j 07:32	15°♈34'59	
conjunction	-1210 Apr 20 j 06:02	17°♈56'06	-2°09'04
minimum elong	-1210 Apr 20 j 06:05	17°♈56'07	2°09'04
max. Earth dist.	-1210 Apr 20 j 12:24	17°♈58'13	9.93518 AU
morning rise	-1210 May 08 j 07:21	20°♈18'09	
retrograde	-1210 Aug 23 j 03:58	28°♈48'53	
opposition	-1210 Oct 29 j 04:50	25°♈17'51	-2°31'43
min. Earth dist.	-1210 Oct 28 j 22:59	25°♈19'04	7.92469 AU
direct	-1209 Jan 03 j 08:59	21°♈48'54	
	-1209 Apr 16 j 13:12	0°♉	
evening set	-1209 Apr 17 j 16:43	0°♉08'53	
conjunction	-1209 May 05 j 18:47	2°♉31'14	-1°51'27
minimum elong	-1209 May 05 j 18:51	2°♉31'15	1°51'26
max. Earth dist.	-1209 May 06 j 03:55	2°♉34'15	9.91985 AU
morning rise	-1209 May 23 j 22:20	4°♉54'04	
retrograde	-1209 Sep 06 j 23:31	13°♉21'35	
opposition	-1209 Nov 12 j 16:56	9°♉51'01	-2°05'01
min. Earth dist.	-1209 Nov 12 j 09:13	9°♉52'38	7.92652 AU
direct	-1208 Jan 18 j 02:14	6°♉21'18	
evening set	-1208 May 02 j 03:34	14°♉42'47	
	-1208 May 04 j 08:51	15°♉	
conjunction	-1208 May 20 j 08:03	17°♉05'27	-1°26'44
minimum elong	-1208 May 20 j 08:07	17°♉05'28	1°26'44
max. Earth dist.	-1208 May 20 j 19:13	17°♉09'07	9.93974 AU
morning rise	-1208 Jun 07 j 12:37	19°♉28'08	
retrograde	-1208 Sep 20 j 14:59	27°♉49'13	
opposition	-1208 Nov 26 j 02:47	24°♉19'31	-1°30'27
min. Earth dist.	-1208 Nov 25 j 17:57	24°♉21'22	7.96295 AU
direct	-1207 Jan 31 j 20:53	20°♉49'20	
evening set	-1207 May 17 j 12:37	29°♉09'32	
	-1207 May 24 j 01:14	0°♊	
conjunction	-1207 Jun 04 j 18:01	1°♊31'31	-0°56'45
minimum elong	-1207 Jun 04 j 18:04	1°♊31'32	0°56'45
max. Earth dist.	-1207 Jun 05 j 06:09	1°♊35'29	9.99322 AU
morning rise	-1207 Jun 22 j 22:05	3°♊53'03	
retrograde	-1207 Oct 04 j 23:13	12°♊05'12	
opposition	-1207 Dec 10 j 08:40	8°♊36'46	-0°50'42
min. Earth dist.	-1207 Dec 09 j 23:43	8°♊38'37	8.03129 AU
direct	-1206 Feb 15 j 14:52	5°♊06'28	
evening set	-1206 Jun 01 j 16:45	13°♊22'53	
conjunction	-1206 Jun 19 j 21:12	15°♊43'12	-0°23'44
minimum elong	-1206 Jun 19 j 21:13	15°♊43'12	0°23'43
max. Earth dist.	-1206 Jun 20 j 09:04	15°♊47'02	10.07639 AU
morning rise	-1206 Jul 07 j 23:07	18°♊02'41	
retrograde	-1206 Oct 18 j 22:12	26°♊04'19	
opposition	-1206 Dec 24 j 09:01	22°♊37'25	-0°08'43
min. Earth dist.	-1206 Dec 24 j 00:25	22°♊39'11	8.12697 AU
direct	-1205 Mar 02 j 05:56	19°♊07'24	

Attention, astronomical year style is used: The year -1205 in astronomical counting style is the year 1206 BCE in historical counting style.

asc. node	-1205 Mar 12 j 22:24	19°♊13'36	
evening set	-1205 Jun 16 j 13:06	27°♊17'56	
conjunction	-1205 Jul 04 j 14:55	29°♊35'47	0°10'06
minimum elong	-1205 Jul 04 j 14:55	29°♊35'46	0°10'07
behind sun begin	-1205 Jul 04 j 09:06	29°♊33'56	
behind sun end	-1205 Jul 04 j 20:43	29°♊37'37	
max. Earth dist.	-1205 Jul 05 j 01:48	29°♊39'15	10.18382 AU
	-1205 Jul 07 j 18:39	0°♋	
morning rise	-1205 Jul 22 j 13:15	1°♋52'28	
retrograde	-1205 Nov 01 j 10:45	9°♋42'55	
opposition	-1204 Jan 07 j 02:55	6°♋17'42	0°32'41
min. Earth dist.	-1204 Jan 06 j 18:41	6°♋19'22	8.24396 AU
direct	-1204 Mar 15 j 15:40	2°♋48'19	
evening set	-1204 Jun 29 j 23:33	10°♋51'27	
conjunction	-1204 Jul 17 j 21:27	13°♋06'14	0°42'31
minimum elong	-1204 Jul 17 j 21:25	13°♋06'14	0°42'32
max. Earth dist.	-1204 Jul 18 j 07:05	13°♋09'17	10.30887 AU
morning rise	-1204 Aug 04 j 15:05	15°♋19'39	
retrograde	-1204 Nov 13 j 15:06	22°♋58'59	
opposition	-1203 Jan 19 j 13:46	19°♋35'30	1°11'04
min. Earth dist.	-1203 Jan 19 j 05:56	19°♋37'04	8.37520 AU
direct	-1203 Mar 29 j 17:39	16°♋07'04	
evening set	-1203 Jul 13 j 23:10	24°♋01'49	
conjunction	-1203 Jul 31 j 16:10	26°♋13'15	1°11'53
minimum elong	-1203 Jul 31 j 16:07	26°♋13'14	1°11'54
max. Earth dist.	-1203 Aug 01 j 00:33	26°♋15'52	10.44427 AU
morning rise	-1203 Aug 18 j 04:18	28°♋23'09	
	-1203 Aug 31 j 17:33	0°♌	
retrograde	-1203 Nov 26 j 10:50	5°♌51'58	
opposition	-1202 Feb 01 j 17:33	2°♌30'11	1°44'36
min. Earth dist.	-1202 Feb 01 j 10:28	2°♌31'34	8.51335 AU
	-1202 Mar 09 j 10:21	30°℞♋	
direct	-1202 Apr 12 j 11:36	29°♋02'57	
	-1202 May 16 j 08:03	0°♌	
evening set	-1202 Jul 27 j 11:13	6°♌48'49	
conjunction	-1202 Aug 13 j 22:51	8°♌56'48	1°36'53
minimum elong	-1202 Aug 13 j 22:48	8°♌56'47	1°36'54
max. Earth dist.	-1202 Aug 14 j 06:12	8°♌59'04	10.58286 AU
morning rise	-1202 Aug 31 j 05:15	11°♌03'14	
	-1202 Oct 05 j 22:48	15°♌	
retrograde	-1202 Dec 08 j 22:25	18°♌22'32	
opposition	-1201 Feb 14 j 14:46	15°♌02'20	2°12'01
min. Earth dist.	-1201 Feb 14 j 09:23	15°♌03'23	8.65148 AU
	-1201 Feb 15 j 02:47	15°℞♌	
direct	-1201 Apr 25 j 21:26	11°♌36'26	
	-1201 Jul 01 j 11:53	15°♌	
evening set	-1201 Aug 09 j 11:40	19°♌13'20	
conjunction	-1201 Aug 26 j 17:49	21°♌18'03	1°56'40
minimum elong	-1201 Aug 26 j 17:46	21°♌18'02	1°56'42
max. Earth dist.	-1201 Aug 26 j 23:09	21°♌19'40	10.71794 AU
morning rise	-1201 Sep 12 j 18:50	23°♌21'14	
	-1201 Nov 26 j 07:33	0°♍	
retrograde	-1201 Dec 21 j 03:17	0°♍32'14	
	-1200 Jan 15 j 04:24	30°℞♌	
opposition	-1200 Feb 27 j 05:41	27°♌13'26	2°32'35
min. Earth dist.	-1200 Feb 27 j 02:36	27°♌14'02	8.78307 AU
direct	-1200 May 07 j 22:21	23°♌48'55	
	-1200 Aug 09 j 21:21	0°♍	
evening set	-1200 Aug 21 j 01:26	1°♍17'11	
conjunction	-1200 Sep 07 j 02:24	3°♍18'55	2°10'47
minimum elong	-1200 Sep 07 j 02:22	3°♍18'55	2°10'48
max. Earth dist.	-1200 Sep 07 j 04:47	3°♍19'38	10.84350 AU
morning rise	-1200 Sep 23 j 22:44	5°♍19'16	
retrograde	-1200 Dec 31 j 23:59	12°♍23'18	
opposition	-1199 Mar 10 j 14:57	9°♍05'38	2°46'01
min. Earth dist.	-1199 Mar 10 j 13:55	9°♍05'50	8.90234 AU
direct	-1199 May 20 j 16:50	5°♍42'30	
evening set	-1199 Sep 02 j 05:19	13°♍02'44	
conjunction	-1199 Sep 19 j 01:49	15°♍01'55	2°19'04
minimum elong	-1199 Sep 19 j 01:48	15°♍01'55	2°19'04
max. Earth dist.	-1199 Sep 19 j 01:31	15°♍01'50	10.95427 AU
morning rise	-1199 Oct 05 j 18:15	16°♍59'54	
retrograde	-1198 Jan 12 j 17:23	23°♍58'30	
opposition	-1198 Mar 22 j 19:39	20°♍41'39	2°52'18
min. Earth dist.	-1198 Mar 22 j 19:53	20°♍41'37	9.00429 AU
direct	-1198 Jun 02 j 05:08	17°♍19'49	
evening set	-1198 Sep 14 j 00:23	24°♍32'48	
conjunction	-1198 Sep 30 j 17:25	26°♍29'59	2°21'33
minimum elong	-1198 Sep 30 j 17:25	26°♍29'59	2°21'32
max. Earth dist.	-1198 Sep 30 j 15:39	26°♍29'27	11.04566 AU
morning rise	-1198 Oct 17 j 06:45	28°♍26'07	
	-1198 Oct 31 j 04:54	0°♎	
retrograde	-1197 Jan 24 j 08:40	5°♎20'48	
opposition	-1197 Apr 03 j 20:39	2°♎04'30	2°51'41
min. Earth dist.	-1197 Apr 03 j 22:37	2°♎04'08	9.08464 AU
	-1197 May 04 j 03:55	30°℞♍	
direct	-1197 Jun 14 j 08:47	28°♍43'51	
	-1197 Jul 24 j 18:03	0°♎	
evening set	-1197 Sep 25 j 12:37	5°♎50'39	
conjunction	-1197 Oct 12 j 03:01	7°♎46'22	2°18'29
minimum elong	-1197 Oct 12 j 03:02	7°♎46'22	2°18'28
max. Earth dist.	-1197 Oct 11 j 23:14	7°♎45'16	11.11376 AU
morning rise	-1197 Oct 28 j 14:18	9°♎41'15	
retrograde	-1196 Feb 04 j 20:32	16°♎33'36	
opposition	-1196 Apr 14 j 18:53	13°♎17'34	2°44'32
min. Earth dist.	-1196 Apr 14 j 23:33	13°♎16'43	9.13997 AU
direct	-1196 Jun 25 j 07:43	9°♎57'55	
evening set	-1196 Oct 05 j 19:39	16°♎59'55	
conjunction	-1196 Oct 22 j 08:11	18°♎54'43	2°10'09
minimum elong	-1196 Oct 22 j 08:13	18°♎54'43	2°10'09
max. Earth dist.	-1196 Oct 22 j 01:16	18°♎52'42	11.15584 AU
morning rise	-1196 Nov 07 j 18:36	20°♎48'56	
retrograde	-1195 Feb 15 j 08:56	27°♎40'40	
opposition	-1195 Apr 26 j 15:55	24°♎24'36	2°31'18
min. Earth dist.	-1195 Apr 26 j 22:50	24°♎23'20	9.16838 AU
direct	-1195 Jul 07 j 03:27	21°♎05'45	
evening set	-1195 Oct 16 j 23:04	28°♎04'16	
conjunction	-1195 Nov 02 j 10:41	29°♎58'42	1°57'00
minimum elong	-1195 Nov 02 j 10:43	29°♎58'43	1°57'00
max. Earth dist.	-1195 Nov 02 j 01:53	29°♎56'08	11.17089 AU
	-1195 Nov 02 j 15:08	0°♏	
morning rise	-1195 Nov 18 j 21:06	1°♏52'50	
retrograde	-1194 Feb 26 j 21:09	8°♏45'37	
opposition	-1194 May 08 j 12:40	5°♏29'09	2°12'31
min. Earth dist.	-1194 May 08 j 20:31	5°♏27'43	9.16953 AU
direct	-1194 Jul 18 j 20:09	2°♏10'52	
evening set	-1194 Oct 28 j 00:49	9°♏07'19	
conjunction	-1194 Nov 13 j 12:29	11°♏01'55	1°39'29
minimum elong	-1194 Nov 13 j 12:31	11°♏01'56	1°39'29
max. Earth dist.	-1194 Nov 13 j 03:10	10°♏59'12	11.15899 AU
morning rise	-1194 Nov 29 j 23:34	12°♏56'26	
	-1194 Dec 18 j 16:07	15°♏	

Attention, astronomical year style is used: The year -1193 in astronomical counting style is the year 1194 BCE in historical counting style.

retrograde	-1193 Mar 10 j 14:34	19°♏51'52	
opposition	-1193 May 20 j 10:08	16°♏34'42	1°48'48
min. Earth dist.	-1193 May 20 j 18:26	16°♏33'11	9.14391 AU
	-1193 Jun 11 j 22:19	15°℞♏	
direct	-1193 Jul 30 j 12:26	13°♏16'44	
	-1193 Sep 15 j 07:57	15°♏	
evening set	-1193 Nov 08 j 02:44	20°♏12'34	
conjunction	-1193 Nov 24 j 15:01	22°♏07'49	1°18'11
minimum elong	-1193 Nov 24 j 15:03	22°♏07'49	1°18'10
max. Earth dist.	-1193 Nov 24 j 04:47	22°♏04'49	11.12084 AU
morning rise	-1193 Dec 11 j 03:33	24°♏03'14	
	-1192 Feb 14 j 02:43	0°♐	
retrograde	-1192 Mar 21 j 10:29	1°♐02'51	
	-1192 Apr 27 j 12:46	30°℞♏	
opposition	-1192 May 31 j 09:41	27°♏44'43	1°20'49
min. Earth dist.	-1192 May 31 j 19:03	27°♏43'00	9.09264 AU
direct	-1192 Aug 10 j 02:05	24°♏26'47	
	-1192 Nov 05 j 22:09	0°♐	
evening set	-1192 Nov 18 j 06:38	1°♐23'34	
conjunction	-1192 Dec 04 j 19:55	3°♐19'52	0°53'43
minimum elong	-1192 Dec 04 j 19:57	3°♐19'53	0°53'41
max. Earth dist.	-1192 Dec 04 j 08:21	3°♐16'27	11.05792 AU
morning rise	-1192 Dec 21 j 10:36	5°♐16'38	
retrograde	-1191 Apr 02 j 10:29	12°♐22'04	
opposition	-1191 Jun 12 j 12:21	9°♐02'43	0°49'21
min. Earth dist.	-1191 Jun 12 j 22:29	9°♐00'51	9.01768 AU
direct	-1191 Aug 21 j 18:59	5°♐44'32	
evening set	-1191 Nov 29 j 14:21	12°♐43'55	
conjunction	-1191 Dec 16 j 05:17	14°♐41'42	0°26'49
minimum elong	-1191 Dec 16 j 05:18	14°♐41'42	0°26'48
max. Earth dist.	-1191 Dec 15 j 17:39	14°♐38'15	10.97252 AU
morning rise	-1190 Jan 01 j 22:28	16°♐40'12	
retrograde	-1190 Apr 14 j 18:01	23°♐53'01	
opposition	-1190 Jun 24 j 19:03	20°♐32'14	0°15'20
min. Earth dist.	-1190 Jun 25 j 04:53	20°♐30'25	8.92178 AU
direct	-1190 Sep 02 j 14:30	17°♐13'36	
desc. node	-1190 Dec 06 j 05:36	23°♐42'45	
evening set	-1190 Dec 11 j 03:41	24°♐17'10	
conjunction	-1190 Dec 27 j 20:46	26°♐16'49	-0°01'43
minimum elong	-1190 Dec 27 j 20:47	26°♐16'49	0°01'44
behind sun begin	-1190 Dec 27 j 13:46	26°♐14'45	
behind sun end	-1190 Dec 28 j 03:47	26°♐18'54	
max. Earth dist.	-1190 Dec 27 j 10:22	26°♐13'43	10.86754 AU
morning rise	-1189 Jan 13 j 16:42	28°♐17'25	
	-1189 Jan 28 j 14:47	0°♑	
retrograde	-1189 Apr 27 j 09:10	5°♑39'03	
opposition	-1189 Jul 07 j 06:50	2°♑16'43	-0°20'07
min. Earth dist.	-1189 Jul 07 j 15:20	2°♑15'07	8.80822 AU
	-1189 Aug 09 j 14:38	30°℞♐	
direct	-1189 Sep 14 j 13:15	28°♐57'25	
	-1189 Oct 19 j 14:49	0°♑	
evening set	-1189 Dec 23 j 00:39	6°♑06'52	
conjunction	-1188 Jan 08 j 20:03	8°♑08'42	-0°30'41
minimum elong	-1188 Jan 08 j 20:02	8°♑08'41	0°30'41
max. Earth dist.	-1188 Jan 08 j 10:13	8°♑05'43	10.74675 AU
morning rise	-1188 Jan 25 j 18:59	10°♑11'41	
retrograde	-1188 May 09 j 09:57	17°♑43'22	
opposition	-1188 Jul 19 j 00:41	14°♑19'26	-0°55'42
min. Earth dist.	-1188 Jul 19 j 08:09	14°♑18'01	8.68132 AU
direct	-1188 Sep 25 j 17:01	10°♑59'17	
evening set	-1187 Jan 03 j 06:50	18°♑16'07	
conjunction	-1187 Jan 20 j 04:47	20°♑20'25	-0°59'01
minimum elong	-1187 Jan 20 j 04:44	20°♑20'24	0°59'01
max. Earth dist.	-1187 Jan 19 j 19:25	20°♑17'32	10.61502 AU
morning rise	-1187 Feb 06 j 07:03	22°♑26'04	
	-1187 May 09 j 13:35	0°♒	
retrograde	-1187 May 22 j 19:01	0°♒08'44	
	-1187 Jun 05 j 00:03	30°℞♑	
opposition	-1187 Aug 01 j 01:29	26°♑43'13	-1°29'49
min. Earth dist.	-1187 Aug 01 j 08:03	26°♑41'56	8.54642 AU
direct	-1187 Oct 08 j 02:42	23°♑22'00	
	-1186 Jan 09 j 10:13	0°♒	
evening set	-1186 Jan 15 j 23:31	0°♒47'37	
conjunction	-1186 Feb 02 j 00:26	2°♒54'35	-1°25'19
minimum elong	-1186 Feb 02 j 00:23	2°♒54'34	1°25'20
max. Earth dist.	-1186 Feb 01 j 16:28	2°♒52'06	10.47802 AU
morning rise	-1186 Feb 19 j 06:13	5°♒03'05	
retrograde	-1186 Jun 05 j 12:31	12°♒57'12	
opposition	-1186 Aug 14 j 09:30	9°♒30'07	-2°00'41
min. Earth dist.	-1186 Aug 14 j 14:49	9°♒29'05	8.40956 AU
direct	-1186 Oct 20 j 21:50	6°♒07'44	
evening set	-1185 Jan 29 j 04:00	13°♒43'09	
	-1185 Feb 08 j 09:09	15°♒	
conjunction	-1185 Feb 15 j 08:19	15°♒52'59	-1°48'05
minimum elong	-1185 Feb 15 j 08:16	15°♒52'58	1°48'05
max. Earth dist.	-1185 Feb 15 j 03:01	15°♒51'18	10.34214 AU
morning rise	-1185 Mar 04 j 17:35	18°♒04'24	
retrograde	-1185 Jun 19 j 15:26	26°♒09'45	
opposition	-1185 Aug 28 j 00:38	22°♒41'16	-2°26'17
min. Earth dist.	-1185 Aug 28 j 03:44	22°♒40'39	8.27749 AU
direct	-1185 Nov 03 j 01:15	19°♒17'39	
evening set	-1184 Feb 11 j 20:45	27°♒03'23	
conjunction	-1184 Feb 29 j 04:47	29°♒16'08	-2°05'42
minimum elong	-1184 Feb 29 j 04:45	29°♒16'07	2°05'43
max. Earth dist.	-1184 Feb 29 j 02:35	29°♒15'25	10.21457 AU
	-1184 Mar 05 j 21:21	0°♓	
morning rise	-1184 Mar 17 j 17:39	1°♓30'27	
retrograde	-1184 Jul 03 j 03:48	9°♓46'02	
opposition	-1184 Sep 09 j 22:56	6°♓16'23	-2°44'37
min. Earth dist.	-1184 Sep 09 j 23:18	6°♓16'19	8.15749 AU
direct	-1184 Nov 15 j 12:10	2°♓51'32	
evening set	-1183 Feb 25 j 01:29	10°♓47'28	
conjunction	-1183 Mar 14 j 13:34	13°♓03'02	-2°16'40
minimum elong	-1183 Mar 14 j 13:33	13°♓03'01	2°16'40
max. Earth dist.	-1183 Mar 14 j 14:31	13°♓03'20	10.10283 AU
morning rise	-1183 Apr 01 j 06:12	15°♓20'07	
retrograde	-1183 Jul 17 j 22:32	23°♓43'59	
opposition	-1183 Sep 24 j 03:23	20°♓13'31	-2°53'51
min. Earth dist.	-1183 Sep 24 j 01:09	20°♓13'58	8.05678 AU
direct	-1183 Nov 29 j 08:38	16°♓47'27	
evening set	-1182 Mar 11 j 17:35	24°♓52'46	
conjunction	-1182 Mar 29 j 09:53	27°♓10'56	-2°19'46
minimum elong	-1182 Mar 29 j 09:54	27°♓10'56	2°19'46
max. Earth dist.	-1182 Mar 29 j 13:33	27°♓12'08	10.01398 AU
morning rise	-1182 Apr 16 j 06:18	29°♓30'27	
	-1182 Apr 20 j 02:48	0°♈	
retrograde	-1182 Aug 01 j 20:49	7°♈59'44	
opposition	-1182 Oct 08 j 12:29	4°♈28'52	-2°52'40
min. Earth dist.	-1182 Oct 08 j 08:14	4°♈29'44	7.98192 AU
direct	-1182 Dec 13 j 13:34	1°♈01'40	
evening set	-1181 Mar 26 j 18:53	9°♈14'45	
conjunction	-1181 Apr 13 j 15:23	11°♈35'05	-2°14'18

Attention, astronomical year style is used: The year -1181 in astronomical counting style is the year 1182 BCE in historical counting style.

minimum elong	-1181 Apr 13 j 15:26	11°♈35'06	2°14'18
max. Earth dist.	-1181 Apr 13 j 21:31	11°♈37'06	9.95408 AU
morning rise	-1181 May 01 j 15:16	13°♈56'30	
retrograde	-1181 Aug 16 j 20:23	22°♈27'45	
opposition	-1181 Oct 23 j 00:39	18°♈56'55	-2°40'33
min. Earth dist.	-1181 Oct 22 j 18:51	18°♈58'08	7.93812 AU
direct	-1181 Dec 28 j 01:28	15°♈28'46	
evening set	-1180 Apr 10 j 02:29	23°♈47'14	
conjunction	-1180 Apr 28 j 02:49	26°♈09'06	-2°00'18
minimum elong	-1180 Apr 28 j 02:53	26°♈09'07	2°00'18
max. Earth dist.	-1180 Apr 28 j 11:22	26°♈11'55	9.92739 AU
morning rise	-1180 May 16 j 05:31	28°♈31'40	
	-1180 May 27 j 19:26	0°♉	
retrograde	-1180 Aug 30 j 18:12	7°♉01'12	
opposition	-1180 Nov 05 j 13:37	3°♉30'48	-2°18'03
min. Earth dist.	-1180 Nov 05 j 06:24	3°♉32'19	7.92847 AU
direct	-1179 Jan 10 j 18:13	0°♉01'53	
evening set	-1179 Apr 25 j 13:25	8°♉22'59	
conjunction	-1179 May 13 j 16:47	10°♉45'32	-1°38'34
minimum elong	-1179 May 13 j 16:51	10°♉45'34	1°38'34
max. Earth dist.	-1179 May 14 j 03:09	10°♉48'58	9.93563 AU
morning rise	-1179 May 31 j 21:11	13°♉08'22	
	-1179 Jun 15 j 15:24	15°♉	
retrograde	-1179 Sep 14 j 11:57	21°♉32'36	
opposition	-1179 Nov 20 j 00:57	18°♉03'02	-1°46'43
min. Earth dist.	-1179 Nov 19 j 16:40	18°♉04'46	7.95333 AU
	-1178 Jan 03 j 20:31	15°℞♉	
direct	-1178 Jan 25 j 14:08	14°♉33'35	
	-1178 Feb 16 j 06:50	15°♉	
evening set	-1178 May 11 j 00:01	22°♉54'28	
conjunction	-1178 May 29 j 05:02	25°♉16'44	-1°10'43
minimum elong	-1178 May 29 j 05:06	25°♉16'45	1°10'42
max. Earth dist.	-1178 May 29 j 16:27	25°♉20'28	9.97755 AU
morning rise	-1178 Jun 16 j 09:38	27°♉38'48	
	-1178 Jul 05 j 08:22	0°♊	
retrograde	-1178 Sep 28 j 22:41	5°♊54'57	
opposition	-1178 Dec 04 j 08:55	2°♊26'30	-1°08'58
min. Earth dist.	-1178 Dec 03 j 23:51	2°♊28'23	8.01005 AU
	-1177 Jan 06 j 02:33	30°℞♉	
direct	-1177 Feb 09 j 09:51	28°♉56'50	
	-1177 Mar 15 j 12:56	0°♊	
evening set	-1177 May 26 j 06:39	7°♊14'51	
conjunction	-1177 Jun 13 j 11:40	9°♊35'52	-0°38'47
minimum elong	-1177 Jun 13 j 11:41	9°♊35'53	0°38'47
max. Earth dist.	-1177 Jun 13 j 23:25	9°♊39'41	10.04896 AU
morning rise	-1177 Jul 01 j 14:45	11°♊56'15	
retrograde	-1177 Oct 13 j 01:25	20°♊02'32	
opposition	-1177 Dec 18 j 11:52	16°♊35'29	-0°27'40
min. Earth dist.	-1177 Dec 18 j 02:38	16°♊37'23	8.09364 AU
direct	-1176 Feb 24 j 02:22	13°♊05'56	
evening set	-1176 Jun 09 j 06:49	21°♊19'03	
conjunction	-1176 Jun 27 j 10:08	23°♊38'00	-0°05'08
minimum elong	-1176 Jun 27 j 10:08	23°♊38'00	0°05'07
behind sun begin	-1176 Jun 27 j 03:01	23°♊35'45	
behind sun end	-1176 Jun 27 j 17:14	23°♊40'16	
max. Earth dist.	-1176 Jun 27 j 21:32	23°♊41'39	10.14431 AU
morning rise	-1176 Jul 15 j 10:11	25°♊55'56	
	-1176 Aug 19 j 08:23	0°♋	
asc. node	-1176 Aug 23 j 06:47	0°♋23'56	
retrograde	-1176 Oct 25 j 19:47	3°♋51'28	
opposition	-1176 Dec 31 j 08:45	0°♋26'01	0°14'19
min. Earth dist.	-1176 Dec 31 j 00:16	0°♋27'45	8.19868 AU
	-1175 Jan 05 j 16:55	30°℞♊	
direct	-1175 Mar 09 j 13:19	26°♊56'53	
	-1175 May 09 j 12:11	0°♋	
evening set	-1175 Jun 23 j 22:25	5°♋03'31	
conjunction	-1175 Jul 11 j 22:23	7°♋19'44	0°28'15
minimum elong	-1175 Jul 11 j 22:22	7°♋19'44	0°28'15
max. Earth dist.	-1175 Jul 12 j 08:36	7°♋22'58	10.25822 AU
morning rise	-1175 Jul 29 j 18:07	9°♋34'38	
retrograde	-1175 Nov 08 j 06:05	17°♋19'11	
opposition	-1174 Jan 13 j 23:14	13°♋55'22	0°54'21
min. Earth dist.	-1174 Jan 13 j 16:02	13°♋56'49	8.31977 AU
direct	-1174 Mar 23 j 18:00	10°♋26'55	
evening set	-1174 Jul 08 j 03:38	18°♋25'47	
conjunction	-1174 Jul 25 j 22:57	20°♋38'48	0°59'12
minimum elong	-1174 Jul 25 j 22:55	20°♋38'48	0°59'13
max. Earth dist.	-1174 Jul 26 j 07:21	20°♋41'26	10.38488 AU
morning rise	-1174 Aug 12 j 13:31	22°♋50'20	
	-1174 Oct 31 j 03:59	0°♌	
retrograde	-1174 Nov 21 j 05:29	0°♌24'12	
	-1174 Dec 12 j 09:30	30°℞♋	
opposition	-1173 Jan 27 j 06:50	27°♋01'58	1°30'18
min. Earth dist.	-1173 Jan 27 j 01:10	27°♋03'06	8.45070 AU
direct	-1173 Apr 06 j 17:05	23°♋34'25	
	-1173 Jul 10 j 00:04	0°♌	
evening set	-1173 Jul 21 j 21:30	1°♌24'45	
conjunction	-1173 Aug 08 j 11:30	3°♌34'22	1°26'19
minimum elong	-1173 Aug 08 j 11:27	3°♌34'21	1°26'21
max. Earth dist.	-1173 Aug 08 j 17:29	3°♌36'13	10.51786 AU
morning rise	-1173 Aug 25 j 20:36	5°♌42'28	
retrograde	-1173 Dec 03 j 19:27	13°♌06'24	
opposition	-1172 Feb 09 j 07:22	9°♌45'37	2°00'38
min. Earth dist.	-1172 Feb 09 j 02:50	9°♌46'30	8.58480 AU
direct	-1172 Apr 19 j 08:32	6°♌19'06	
evening set	-1172 Aug 03 j 03:43	14°♌00'34	
	-1172 Aug 11 j 08:58	15°♌	
conjunction	-1172 Aug 20 j 12:18	16°♌06'51	1°48'34
minimum elong	-1172 Aug 20 j 12:15	16°♌06'50	1°48'35
max. Earth dist.	-1172 Aug 20 j 16:17	16°♌08'04	10.65056 AU
morning rise	-1172 Sep 06 j 15:56	18°♌11'37	
retrograde	-1172 Dec 15 j 03:32	25°♌26'43	
opposition	-1171 Feb 21 j 01:23	22°♌07'11	2°24'23
min. Earth dist.	-1171 Feb 20 j 21:52	22°♌07'52	8.71541 AU
direct	-1171 May 02 j 14:51	18°♌41'51	
evening set	-1171 Aug 15 j 22:37	26°♌14'31	
conjunction	-1171 Sep 02 j 02:01	28°♌17'43	2°05'17
minimum elong	-1171 Sep 02 j 01:58	28°♌17'42	2°05'18
max. Earth dist.	-1171 Sep 02 j 04:41	28°♌18'31	10.77666 AU
	-1171 Sep 16 j 06:45	0°♍	
morning rise	-1171 Sep 19 j 00:28	0°♍19'27	
retrograde	-1171 Dec 27 j 04:37	7°♍27'00	
opposition	-1170 Mar 05 j 13:31	4°♍08'31	2°41'03
min. Earth dist.	-1170 Mar 05 j 11:29	4°♍08'54	8.83663 AU
direct	-1170 May 15 j 12:09	0°♍44'24	
evening set	-1170 Aug 28 j 07:06	8°♍08'42	
conjunction	-1170 Sep 14 j 05:47	10°♍09'11	2°16'11
minimum elong	-1170 Sep 14 j 05:45	10°♍09'10	2°16'12
max. Earth dist.	-1170 Sep 14 j 06:53	10°♍09'30	10.89086 AU
morning rise	-1170 Sep 30 j 23:49	12°♍08'20	
retrograde	-1169 Jan 08 j 00:13	19°♍09'44	
opposition	-1169 Mar 17 j 20:34	15°♍52'06	2°50'32
min. Earth dist.	-1169 Mar 17 j 20:53	15°♍52'02	8.94363 AU

Attention, astronomical year style is used: The year -1169 in astronomical counting style is the year 1170 BCE in historical counting style.

direct	-1169 May 28 j 02:39	12°♍29'09	
evening set	-1169 Sep 09 j 06:13	19°♍45'51	
conjunction	-1169 Sep 26 j 00:50	21°♍44'04	2°21'14
minimum elong	-1169 Sep 26 j 00:49	21°♍44'03	2°21'13
max. Earth dist.	-1169 Sep 25 j 23:14	21°♍43'35	10.98878 AU
morning rise	-1169 Oct 12 j 15:33	23°♍41'09	
	-1169 Dec 23 j 05:26	0°♎	
retrograde	-1168 Jan 19 j 15:23	0°♎37'55	
	-1168 Feb 16 j 11:51	30°℞♍	
opposition	-1168 Mar 28 j 23:19	27°♍20'52	2°52'57
min. Earth dist.	-1168 Mar 29 j 01:38	27°♍20'26	9.03231 AU
direct	-1168 Jun 08 j 10:00	23°♍59'05	
	-1168 Sep 09 j 16:50	0°♎	
evening set	-1168 Sep 19 j 21:37	1°♎09'07	
conjunction	-1168 Oct 06 j 13:05	3°♎05'36	2°20'35
minimum elong	-1168 Oct 06 j 13:05	3°♎05'36	2°20'34
max. Earth dist.	-1168 Oct 06 j 09:12	3°♎04'27	11.06687 AU
morning rise	-1168 Oct 23 j 01:25	5°♎01'11	
retrograde	-1167 Jan 30 j 03:32	11°♎54'52	
opposition	-1167 Apr 09 j 22:49	8°♎38'09	2°48'37
min. Earth dist.	-1167 Apr 10 j 02:13	8°♎37'31	9.09946 AU
direct	-1167 Jun 20 j 12:54	5°♎17'26	
evening set	-1167 Oct 01 j 06:49	12°♎21'57	
conjunction	-1167 Oct 17 j 20:12	14°♎17'15	2°14'31
minimum elong	-1167 Oct 17 j 20:14	14°♎17'16	2°14'31
max. Earth dist.	-1167 Oct 17 j 15:23	14°♎15'51	11.12244 AU
morning rise	-1167 Nov 03 j 07:00	16°♎11'52	
retrograde	-1166 Feb 10 j 16:56	23°♎04'04	
opposition	-1166 Apr 21 j 20:23	19°♎47'27	2°37'59
min. Earth dist.	-1166 Apr 22 j 00:35	19°♎46'41	9.14287 AU
direct	-1166 Jul 02 j 10:10	16°♎27'45	
evening set	-1166 Oct 12 j 11:30	23°♎27'56	
conjunction	-1166 Oct 28 j 23:41	25°♎22'36	2°03'26
minimum elong	-1166 Oct 28 j 23:43	25°♎22'37	2°03'26
max. Earth dist.	-1166 Oct 28 j 17:49	25°♎20'54	11.15361 AU
morning rise	-1166 Nov 14 j 09:57	27°♎16'49	
	-1166 Dec 09 j 13:27	0°♏	
retrograde	-1165 Feb 22 j 05:14	4°♏09'07	
opposition	-1165 May 03 j 17:05	0°♏52'23	2°21'33
min. Earth dist.	-1165 May 03 j 23:00	0°♏51'18	9.16110 AU
	-1165 May 15 j 18:34	30°℞♎	
direct	-1165 Jul 14 j 02:23	27°♎33'28	
	-1165 Sep 08 j 18:07	0°♏	
evening set	-1165 Oct 23 j 13:51	4°♏30'47	
conjunction	-1165 Nov 09 j 01:26	6°♏25'19	1°47'46
minimum elong	-1165 Nov 09 j 01:28	6°♏25'19	1°47'45
max. Earth dist.	-1165 Nov 08 j 17:28	6°♏22'59	11.15933 AU
morning rise	-1165 Nov 25 j 12:12	8°♏19'39	
	-1164 Feb 17 j 01:48	15°♏	
retrograde	-1164 Mar 04 j 19:30	15°♏13'38	
	-1164 Mar 21 j 16:50	15°℞♏	
opposition	-1164 May 14 j 13:52	11°♏56'32	1°59'53
min. Earth dist.	-1164 May 14 j 21:26	11°♏55'09	9.15355 AU
direct	-1164 Jul 24 j 18:33	8°♏38'12	
	-1164 Oct 28 j 15:03	15°♏	
evening set	-1164 Nov 02 j 15:22	15°♏34'06	
conjunction	-1164 Nov 19 j 03:11	17°♏29'00	1°28'02
minimum elong	-1164 Nov 19 j 03:14	17°♏29'00	1°28'02
max. Earth dist.	-1164 Nov 18 j 17:59	17°♏26'18	11.13940 AU
morning rise	-1164 Dec 05 j 15:08	19°♏23'57	
retrograde	-1163 Mar 16 j 12:33	26°♏21'17	

opposition	-1163 May 26 j 12:13	23°♏03'31	1°33'40
min. Earth dist.	-1163 May 26 j 20:11	23°♏02'04	9.12049 AU
direct	-1163 Aug 05 j 09:26	19°♏45'35	
evening set	-1163 Nov 13 j 17:49	26°♏41'33	
conjunction	-1163 Nov 30 j 06:38	28°♏37'15	1°04'52
minimum elong	-1163 Nov 30 j 06:40	28°♏37'16	1°04'51
max. Earth dist.	-1163 Nov 29 j 21:48	28°♏34'39	11.09439 AU
	-1163 Dec 12 j 01:07	0°♐	
morning rise	-1163 Dec 16 j 20:14	0°♐33'17	
retrograde	-1162 Mar 28 j 12:02	7°♐35'35	
opposition	-1162 Jun 07 j 13:05	4°♐16'56	1°03'37
min. Earth dist.	-1162 Jun 07 j 20:46	4°♐15'31	9.06296 AU
direct	-1162 Aug 17 j 01:28	0°♐59'08	
evening set	-1162 Nov 24 j 23:27	7°♐56'44	
conjunction	-1162 Dec 11 j 13:40	9°♐53'42	0°38'57
minimum elong	-1162 Dec 11 j 13:42	9°♐53'42	0°38'56
max. Earth dist.	-1162 Dec 11 j 04:30	9°♐50'59	11.02572 AU
morning rise	-1162 Dec 28 j 05:29	11°♐51'13	
retrograde	-1161 Apr 09 j 16:57	18°♐59'58	
opposition	-1161 Jun 19 j 17:25	15°♐40'14	0°30'38
min. Earth dist.	-1161 Jun 20 j 01:21	15°♐38'46	8.98292 AU
direct	-1161 Aug 28 j 17:10	12°♐22'18	
evening set	-1161 Dec 06 j 09:56	19°♐23'13	
conjunction	-1161 Dec 23 j 01:50	21°♐21'46	0°11'07
minimum elong	-1161 Dec 23 j 01:51	21°♐21'46	0°11'06
behind sun begin	-1161 Dec 22 j 20:34	21°♐20'13	
behind sun end	-1161 Dec 23 j 07:07	21°♐23'20	
max. Earth dist.	-1161 Dec 22 j 15:45	21°♐18'46	10.93576 AU
morning rise	-1160 Jan 08 j 20:24	23°♐21'10	
	-1160 Mar 24 j 04:11	0°♑	
retrograde	-1160 Apr 21 j 03:02	0°♑37'51	
desc. node	-1160 May 16 j 13:56	0°♑07'08	
	-1160 May 19 j 11:07	30°℞♐	
opposition	-1160 Jul 01 j 02:32	27°♐16'50	-0°04'16
min. Earth dist.	-1160 Jul 01 j 10:56	27°♐15'16	8.88315 AU
direct	-1160 Sep 08 j 13:49	23°♐58'29	
	-1160 Dec 07 j 21:34	0°♑	
evening set	-1160 Dec 17 j 02:49	1°♑04'18	
conjunction	-1159 Jan 02 j 20:51	3°♑04'48	-0°17'47
minimum elong	-1159 Jan 02 j 20:51	3°♑04'48	0°17'48
max. Earth dist.	-1159 Jan 02 j 11:09	3°♑01'53	10.82757 AU
morning rise	-1159 Jan 19 j 18:22	5°♑06'23	
retrograde	-1159 May 03 j 22:19	12°♑32'22	
opposition	-1159 Jul 13 j 17:10	9°♑09'53	-0°39'53
min. Earth dist.	-1159 Jul 14 j 01:03	9°♑08'24	8.76715 AU
direct	-1159 Sep 20 j 16:11	5°♑50'51	
evening set	-1159 Dec 29 j 04:01	13°♑03'06	
conjunction	-1158 Jan 15 j 00:40	15°♑05'53	-0°46'30
minimum elong	-1158 Jan 15 j 00:38	15°♑05'53	0°46'30
max. Earth dist.	-1158 Jan 14 j 16:16	15°♑03'19	10.70485 AU
morning rise	-1158 Feb 01 j 01:13	17°♑09'57	
retrograde	-1158 May 17 j 02:42	24°♑46'14	
opposition	-1158 Jul 26 j 13:53	21°♑22'12	-1°14'43
min. Earth dist.	-1158 Jul 26 j 20:31	21°♑20'56	8.63892 AU
direct	-1158 Oct 02 j 22:30	18°♑02'15	
evening set	-1157 Jan 10 j 15:04	25°♑22'25	
conjunction	-1157 Jan 27 j 14:32	27°♑27'45	-1°13'48
minimum elong	-1157 Jan 27 j 14:29	27°♑27'44	1°13'48
max. Earth dist.	-1157 Jan 27 j 07:11	27°♑25'28	10.57192 AU
morning rise	-1157 Feb 13 j 18:20	29°♑34'30	
	-1157 Feb 17 j 06:51	0°♒	

Attention, astronomical year style is used: The year -1157 in astronomical counting style is the year 1158 BCE in historical counting style.

retrograde	-1157 May 30 j 15:45	7°♒21'54	
opposition	-1157 Aug 08 j 17:33	3°♒56'16	-1°47'09
min. Earth dist.	-1157 Aug 08 j 22:47	3°♒55'15	8.50317 AU
direct	-1157 Oct 15 j 12:35	0°♒35'13	
evening set	-1156 Jan 23 j 13:09	8°♒04'37	
conjunction	-1156 Feb 09 j 15:37	10°♒12'42	-1°38'16
minimum elong	-1156 Feb 09 j 15:35	10°♒12'41	1°38'17
max. Earth dist.	-1156 Feb 09 j 08:54	10°♒10'35	10.43433 AU
morning rise	-1156 Feb 26 j 22:56	12°♒22'19	
	-1156 Mar 20 j 05:04	15°♒	
retrograde	-1156 Jun 12 j 14:36	20°♒21'05	
opposition	-1156 Aug 21 j 04:34	16°♒53'58	-2°15'16
min. Earth dist.	-1156 Aug 21 j 08:34	16°♒53'10	8.36647 AU
	-1156 Sep 15 j 18:16	15°℞♒	
direct	-1156 Oct 27 j 10:04	13°♒31'38	
	-1156 Dec 07 j 00:23	15°♒	
evening set	-1155 Feb 04 j 23:14	21°♒11'08	
conjunction	-1155 Feb 22 j 05:08	23°♒22'05	-1°58'21
minimum elong	-1155 Feb 22 j 05:06	23°♒22'04	1°58'22
max. Earth dist.	-1155 Feb 21 j 23:52	23°♒20'24	10.29966 AU
morning rise	-1155 Mar 11 j 16:10	25°♒34'41	
	-1155 Apr 19 j 08:09	0°♓	
retrograde	-1155 Jun 26 j 22:07	3°♓44'14	
opposition	-1155 Sep 03 j 22:44	0°♓15'43	-2°37'05
min. Earth dist.	-1155 Sep 04 j 01:26	0°♓15'10	8.23683 AU
	-1155 Sep 07 j 05:14	30°℞♒	
direct	-1155 Nov 09 j 16:09	26°♒51'58	
	-1154 Jan 08 j 17:47	0°♓	
evening set	-1154 Feb 18 j 21:26	4°♓41'51	
conjunction	-1154 Mar 08 j 07:16	6°♓55'42	-2°12'30
minimum elong	-1154 Mar 08 j 07:14	6°♓55'42	2°12'31
max. Earth dist.	-1154 Mar 08 j 04:29	6°♓54'48	10.17596 AU
morning rise	-1154 Mar 25 j 22:06	9°♓11'10	
retrograde	-1154 Jul 11 j 11:35	17°♓30'01	
opposition	-1154 Sep 17 j 23:25	14°♓00'21	-2°50'42
min. Earth dist.	-1154 Sep 18 j 00:14	14°♓00'11	8.12201 AU
direct	-1154 Nov 23 j 09:06	10°♓35'10	
evening set	-1153 Mar 05 j 07:13	18°♓34'57	
conjunction	-1153 Mar 22 j 21:17	20°♓51'34	-2°19'22
minimum elong	-1153 Mar 22 j 21:17	20°♓51'34	2°19'22
max. Earth dist.	-1153 Mar 22 j 21:43	20°♓51'43	10.07084 AU
morning rise	-1153 Apr 09 j 15:49	23°♓09'40	
	-1153 Jun 13 j 11:56	0°♈	
retrograde	-1153 Jul 26 j 05:45	1°♈35'29	
	-1153 Sep 07 j 11:46	30°℞♓	
opposition	-1153 Oct 02 j 05:24	28°♓04'59	-2°54'31
min. Earth dist.	-1153 Oct 02 j 03:52	28°♓05'18	8.02918 AU
direct	-1153 Dec 07 j 10:02	24°♓38'25	
	-1152 Feb 25 j 14:25	0°♈	
evening set	-1152 Mar 19 j 03:07	2°♈46'52	
conjunction	-1152 Apr 05 j 21:35	5°♈05'58	-2°17'58
minimum elong	-1152 Apr 05 j 21:36	5°♈05'58	2°17'59
max. Earth dist.	-1152 Apr 06 j 01:30	5°♈07'15	9.99117 AU
morning rise	-1152 Apr 23 j 19:41	7°♈26'16	
retrograde	-1152 Aug 09 j 03:42	15°♈55'58	
opposition	-1152 Oct 15 j 15:15	12°♈25'01	-2°47'36
min. Earth dist.	-1152 Oct 15 j 11:06	12°♈25'52	7.96441 AU
direct	-1152 Dec 20 j 17:30	8°♈57'12	
evening set	-1151 Apr 03 j 06:51	17°♈12'22	
conjunction	-1151 Apr 21 j 05:31	19°♈33'25	-2°07'59
minimum elong	-1151 Apr 21 j 05:34	19°♈33'26	2°07'59
max. Earth dist.	-1151 Apr 21 j 12:22	19°♈35'40	9.94225 AU
morning rise	-1151 May 09 j 06:48	21°♈55'20	
	-1151 Aug 02 j 18:18	0°♉	
retrograde	-1151 Aug 24 j 02:16	0°♉25'20	
	-1151 Sep 14 j 11:26	30°℞♈	
opposition	-1151 Oct 30 j 03:02	26°♈54'24	-2°29'59
min. Earth dist.	-1151 Oct 29 j 20:55	26°♈55'41	7.93192 AU
direct	-1150 Jan 04 j 06:18	23°♈25'31	
	-1150 Apr 04 j 19:36	0°♉	
evening set	-1150 Apr 18 j 15:44	1°♉44'58	
conjunction	-1150 May 06 j 17:52	4°♉07'13	-1°49'49
minimum elong	-1150 May 06 j 17:56	4°♉07'14	1°49'49
max. Earth dist.	-1150 May 07 j 02:50	4°♉10'11	9.92722 AU
morning rise	-1150 May 24 j 21:25	6°♉29'56	
retrograde	-1150 Sep 07 j 22:37	14°♉56'40	
opposition	-1150 Nov 13 j 14:36	11°♉26'12	-2°02'40
min. Earth dist.	-1150 Nov 13 j 07:16	11°♉27'44	7.93382 AU
direct	-1149 Jan 18 j 23:45	7°♉56'31	
	-1149 Apr 23 j 21:41	15°♉	
evening set	-1149 May 04 j 02:08	16°♉17'30	
conjunction	-1149 May 22 j 06:36	18°♉40'03	-1°24'42
minimum elong	-1149 May 22 j 06:39	18°♉40'04	1°24'41
max. Earth dist.	-1149 May 22 j 16:57	18°♉43'27	9.94697 AU
morning rise	-1149 Jun 09 j 11:10	21°♉02'36	
retrograde	-1149 Sep 22 j 12:57	29°♉22'54	
opposition	-1149 Nov 28 j 00:04	25°♉53'20	-1°27'42
min. Earth dist.	-1149 Nov 27 j 16:07	25°♉55'00	7.96992 AU
direct	-1148 Feb 02 j 19:10	22°♉23'11	
	-1148 May 12 j 19:15	0°♊	
evening set	-1148 May 18 j 10:34	0°♊42'55	
conjunction	-1148 Jun 05 j 15:50	3°♊04'45	-0°54'27
minimum elong	-1148 Jun 05 j 15:52	3°♊04'46	0°54'26
max. Earth dist.	-1148 Jun 06 j 02:41	3°♊08'18	9.99990 AU
morning rise	-1148 Jun 23 j 19:55	5°♊26'10	
retrograde	-1148 Oct 05 j 19:18	13°♊37'39	
opposition	-1148 Dec 11 j 05:30	10°♊09'19	-0°47'43
min. Earth dist.	-1148 Dec 10 j 21:26	10°♊10'59	8.03756 AU
direct	-1147 Feb 16 j 13:19	6°♊39'03	
evening set	-1147 Jun 02 j 14:12	14°♊55'03	
conjunction	-1147 Jun 20 j 18:30	17°♊15'14	-0°21'19
minimum elong	-1147 Jun 20 j 18:32	17°♊15'15	0°21'18
max. Earth dist.	-1147 Jun 21 j 05:03	17°♊18'38	10.08215 AU
morning rise	-1147 Jul 08 j 20:25	19°♊34'36	
retrograde	-1147 Oct 19 j 17:14	27°♊35'41	
opposition	-1147 Dec 25 j 05:23	24°♊08'52	-0°05'41
min. Earth dist.	-1147 Dec 24 j 21:09	24°♊10'33	8.13212 AU
asc. node	-1146 Feb 14 j 12:41	20°♊53'46	
direct	-1146 Mar 03 j 03:37	20°♊38'51	
evening set	-1146 Jun 17 j 10:07	28°♊49'05	
	-1146 Jun 26 j 18:38	0°♋	
conjunction	-1146 Jul 05 j 11:50	1°♋06'49	0°12'30
minimum elong	-1146 Jul 05 j 11:49	1°♋06'49	0°12'31
behind sun begin	-1146 Jul 05 j 07:12	1°♋05'21	
behind sun end	-1146 Jul 05 j 16:26	1°♋08'17	
max. Earth dist.	-1146 Jul 05 j 21:57	1°♋10'03	10.18824 AU
morning rise	-1146 Jul 23 j 10:01	3°♋23'23	
retrograde	-1146 Nov 02 j 06:50	11°♋13'28	
opposition	-1145 Jan 07 j 23:00	7°♋48'17	0°35'35
min. Earth dist.	-1145 Jan 07 j 14:39	7°♋49'58	8.24759 AU
direct	-1145 Mar 17 j 12:08	4°♋18'55	
evening set	-1145 Jul 01 j 20:07	12°♋21'49	

Attention, astronomical year style is used: The year -1145 in astronomical counting style is the year 1146 BCE in historical counting style.

conjunction	-1145 Jul 19 j 17:54	14°♋36'31	0°44'46
minimum elong	-1145 Jul 19 j 17:51	14°♋36'31	0°44'47
max. Earth dist.	-1145 Jul 20 j 03:32	14°♋39'34	10.31164 AU
morning rise	-1145 Aug 06 j 11:14	16°♋49'49	
retrograde	-1145 Nov 15 j 11:02	24°♋28'58	
opposition	-1144 Jan 21 j 09:43	21°♋05'29	1°13'43
min. Earth dist.	-1144 Jan 21 j 01:49	21°♋07'04	8.37709 AU
direct	-1144 Mar 30 j 14:05	17°♋37'04	
evening set	-1144 Jul 14 j 19:25	25°♋31'41	
conjunction	-1144 Aug 01 j 12:17	27°♋43'03	1°13'53
minimum elong	-1144 Aug 01 j 12:14	27°♋43'02	1°13'54
max. Earth dist.	-1144 Aug 01 j 20:58	27°♋45'46	10.44526 AU
morning rise	-1144 Aug 19 j 00:05	29°♋52'53	
	-1144 Aug 19 j 23:30	0°♌	
retrograde	-1144 Nov 27 j 06:44	7°♌21'40	
opposition	-1143 Feb 02 j 13:26	3°♌59'52	1°46'53
min. Earth dist.	-1143 Feb 02 j 07:00	4°♌01'09	8.51349 AU
direct	-1143 Apr 13 j 07:38	0°♌32'37	
evening set	-1143 Jul 28 j 07:22	8°♌18'30	
conjunction	-1143 Aug 14 j 18:45	10°♌26'27	1°38'33
minimum elong	-1143 Aug 14 j 18:41	10°♌26'26	1°38'34
max. Earth dist.	-1143 Aug 15 j 01:41	10°♌28'35	10.58204 AU
morning rise	-1143 Sep 01 j 00:54	12°♌32'50	
	-1143 Sep 22 j 06:57	15°♌	
retrograde	-1143 Dec 09 j 19:00	19°♌52'13	
opposition	-1142 Feb 15 j 10:44	16°♌32'01	2°13'51
min. Earth dist.	-1142 Feb 15 j 06:20	16°♌32'52	8.64987 AU
	-1142 Mar 07 j 22:55	15℞♌	
direct	-1142 Apr 26 j 16:40	13°♌06'05	
	-1142 Jun 14 j 14:09	15°♌	
evening set	-1142 Aug 10 j 07:48	20°♌43'08	
conjunction	-1142 Aug 27 j 13:37	22°♌47'49	1°57'57
minimum elong	-1142 Aug 27 j 13:34	22°♌47'48	1°57'58
max. Earth dist.	-1142 Aug 27 j 17:50	22°♌49'06	10.71542 AU
morning rise	-1142 Sep 13 j 14:32	24°♌51'01	
	-1142 Nov 02 j 18:03	0°♍	
retrograde	-1142 Dec 21 j 21:47	2°♍02'13	
	-1141 Feb 10 j 22:50	30℞♌	
opposition	-1141 Feb 28 j 01:51	28°♌43'23	2°33'54
min. Earth dist.	-1141 Feb 27 j 23:07	28°♌43'55	8.77985 AU
direct	-1141 May 09 j 18:52	25°♌18'50	
	-1141 Jul 28 j 22:06	0°♍	
evening set	-1141 Aug 22 j 21:30	2°♍47'20	
conjunction	-1141 Sep 08 j 22:15	4°♍49'05	2°11'38
minimum elong	-1141 Sep 08 j 22:13	4°♍49'04	2°11'38
max. Earth dist.	-1141 Sep 09 j 00:03	4°♍49'37	10.83951 AU
morning rise	-1141 Sep 25 j 18:30	6°♍49'28	
retrograde	-1140 Jan 02 j 20:17	13°♍53'51	
opposition	-1140 Mar 11 j 11:17	10°♍36'08	2°46'46
min. Earth dist.	-1140 Mar 11 j 09:45	10°♍36'25	8.89773 AU
direct	-1140 May 21 j 14:25	7°♍12'58	
evening set	-1140 Sep 03 j 01:25	14°♍33'28	
conjunction	-1140 Sep 19 j 21:55	16°♍32'43	2°19'26
minimum elong	-1140 Sep 19 j 21:54	16°♍32'43	2°19'26
max. Earth dist.	-1140 Sep 19 j 22:11	16°♍32'48	10.94907 AU
morning rise	-1140 Oct 06 j 14:11	18°♍30'45	
retrograde	-1139 Jan 13 j 15:10	25°♍29'44	
opposition	-1139 Mar 23 j 16:18	22°♍12'51	2°52'29
min. Earth dist.	-1139 Mar 23 j 16:18	22°♍12'51	8.99859 AU
direct	-1139 Jun 03 j 00:41	18°♍51'02	
evening set	-1139 Sep 14 j 20:47	26°♍04'19	

conjunction	-1139 Oct 01 j 13:46	28°♍01'34	2°21'26
minimum elong	-1139 Oct 01 j 13:46	28°♍01'34	2°21'26
max. Earth dist.	-1139 Oct 01 j 12:26	28°♍01'10	11.03962 AU
morning rise	-1139 Oct 18 j 02:59	29°♍57'47	
	-1139 Oct 18 j 10:40	0°♎	
retrograde	-1138 Jan 25 j 05:21	6°♎52'54	
opposition	-1138 Apr 04 j 17:47	3°♎36'34	2°51'16
min. Earth dist.	-1138 Apr 04 j 20:09	3°♎36'07	9.07844 AU
direct	-1138 Jun 15 j 04:59	0°♎15'54	
evening set	-1138 Sep 26 j 09:18	7°♎23'02	
conjunction	-1138 Oct 12 j 23:33	9°♎18'49	2°17'53
minimum elong	-1138 Oct 12 j 23:34	9°♎18'49	2°17'52
max. Earth dist.	-1138 Oct 12 j 19:22	9°♎17'35	11.10757 AU
morning rise	-1138 Oct 29 j 10:56	11°♎13'48	
retrograde	-1137 Feb 05 j 18:04	18°♎06'35	
opposition	-1137 Apr 16 j 16:32	14°♎50'30	2°43'32
min. Earth dist.	-1137 Apr 16 j 21:23	14°♎49'36	9.13394 AU
direct	-1137 Jun 27 j 05:00	11°♎30'49	
evening set	-1137 Oct 07 j 16:25	18°♎33'03	
conjunction	-1137 Oct 24 j 04:57	20°♎27'56	2°09'05
minimum elong	-1137 Oct 24 j 04:59	20°♎27'57	2°09'05
max. Earth dist.	-1137 Oct 23 j 22:05	20°♎25'56	11.14999 AU
morning rise	-1137 Nov 09 j 15:30	22°♎22'16	
retrograde	-1136 Feb 17 j 05:32	29°♎14'25	
opposition	-1136 Apr 27 j 13:46	25°♎58'15	2°29'44
min. Earth dist.	-1136 Apr 27 j 20:00	25°♎57'07	9.16263 AU
direct	-1136 Jul 08 j 00:54	22°♎39'24	
evening set	-1136 Oct 17 j 20:02	29°♎38'08	
	-1136 Oct 21 j 00:27	0°♏	
conjunction	-1136 Nov 03 j 07:50	1°♏32'41	1°55'30
minimum elong	-1136 Nov 03 j 07:52	1°♏32'41	1°55'29
max. Earth dist.	-1136 Nov 03 j 00:00	1°♏30'24	11.16523 AU
morning rise	-1136 Nov 19 j 18:16	3°♏26'53	
retrograde	-1135 Feb 27 j 21:02	10°♏20'06	
opposition	-1135 May 09 j 10:49	7°♏03'34	2°10'27
min. Earth dist.	-1135 May 09 j 17:53	7°♏02'17	9.16386 AU
direct	-1135 Jul 19 j 18:54	3°♏45'18	
evening set	-1135 Oct 28 j 22:09	10°♏41'57	
conjunction	-1135 Nov 14 j 09:55	12°♏36'40	1°37'35
minimum elong	-1135 Nov 14 j 09:57	12°♏36'41	1°37'35
max. Earth dist.	-1135 Nov 14 j 01:03	12°♏34'05	11.15339 AU
morning rise	-1135 Nov 30 j 21:05	14°♏31'18	
	-1135 Dec 05 j 02:11	15°♏	
retrograde	-1134 Mar 11 j 13:02	21°♏27'09	
opposition	-1134 May 21 j 08:50	18°♏09'56	1°46'17
min. Earth dist.	-1134 May 21 j 17:08	18°♏08'25	9.13835 AU
	-1134 Jul 18 j 11:12	15℞♏	
direct	-1134 Jul 31 j 08:47	14°♏51'59	
	-1134 Aug 13 j 05:51	15°♏	
evening set	-1134 Nov 09 j 00:24	21°♏48'02	
conjunction	-1134 Nov 25 j 12:42	23°♏43'23	1°15'57
minimum elong	-1134 Nov 25 j 12:44	23°♏43'23	1°15'56
max. Earth dist.	-1134 Nov 25 j 02:01	23°♏40'15	11.11544 AU
morning rise	-1134 Dec 12 j 01:31	25°♏38'55	
	-1133 Jan 23 j 13:11	0°♐	
retrograde	-1133 Mar 23 j 08:37	2°♐39'00	
	-1133 May 24 j 09:52	30℞♏	
opposition	-1133 Jun 02 j 08:49	29°♏20'49	1°17'55
min. Earth dist.	-1133 Jun 02 j 18:28	29°♏19'03	9.08734 AU
direct	-1133 Aug 12 j 00:48	26°♏02'53	
	-1133 Oct 23 j 12:42	0°♐	
evening set	-1133 Nov 20 j 04:43	2°♐59'55	

Attention, astronomical year style is used: The year -1133 in astronomical counting style is the year 1134 BCE in historical counting style.

conjunction	-1133 Dec 06 j 18:09	4°♐56'19	0°51'13
minimum elong	-1133 Dec 06 j 18:11	4°♐56'20	0°51'11
max. Earth dist.	-1133 Dec 06 j 06:53	4°♐53'00	11.05282 AU
morning rise	-1133 Dec 23 j 09:03	6°♐53'12	
retrograde	-1132 Apr 03 j 09:59	13°♐59'04	
opposition	-1132 Jun 13 j 11:39	10°♐39'40	0°46'11
min. Earth dist.	-1132 Jun 13 j 21:22	10°♐37'53	9.01272 AU
direct	-1132 Aug 22 j 18:07	7°♐21'30	
evening set	-1132 Nov 30 j 12:49	14°♐21'06	
conjunction	-1132 Dec 17 j 03:59	16°♐19'00	0°24'09
minimum elong	-1132 Dec 17 j 04:00	16°♐19'00	0°24'08
max. Earth dist.	-1132 Dec 16 j 17:26	16°♐15'52	10.96774 AU
morning rise	-1131 Jan 02 j 21:15	18°♐17'36	
retrograde	-1131 Apr 15 j 17:51	25°♐30'50	
opposition	-1131 Jun 25 j 18:42	22°♐10'00	0°12'01
min. Earth dist.	-1131 Jun 26 j 03:31	22°♐08'22	8.91722 AU
direct	-1131 Sep 03 j 13:40	18°♐51'23	
desc. node	-1131 Nov 01 j 13:04	21°♐38'20	
evening set	-1131 Dec 12 j 02:35	25°♐55'11	
conjunction	-1131 Dec 28 j 19:46	27°♐54'55	-0°04'27
minimum elong	-1131 Dec 28 j 19:47	27°♐54'55	0°04'28
behind sun begin	-1131 Dec 28 j 12:54	27°♐52'53	
behind sun end	-1131 Dec 29 j 02:40	27°♐56'58	
max. Earth dist.	-1131 Dec 28 j 09:45	27°♐51'56	10.86326 AU
morning rise	-1130 Jan 14 j 15:49	29°♐55'36	
	-1130 Jan 15 j 06:47	0°♑	
retrograde	-1130 Apr 28 j 10:25	7°♑17'38	
opposition	-1130 Jul 08 j 06:51	3°♑55'15	-0°23'28
min. Earth dist.	-1130 Jul 08 j 14:55	3°♑53'44	8.80430 AU
direct	-1130 Sep 15 j 12:24	0°♑35'57	
evening set	-1130 Dec 24 j 00:02	7°♑45'35	
conjunction	-1129 Jan 09 j 19:27	9°♑47'29	-0°33'21
minimum elong	-1129 Jan 09 j 19:26	9°♑47'29	0°33'21
max. Earth dist.	-1129 Jan 09 j 09:16	9°♑44'23	10.74326 AU
morning rise	-1129 Jan 26 j 18:39	11°♑50'34	
retrograde	-1129 May 11 j 10:18	19°♑22'33	
opposition	-1129 Jul 21 j 00:50	15°♑58'35	-0°58'54
min. Earth dist.	-1129 Jul 21 j 08:36	15°♑57'06	8.67828 AU
direct	-1129 Sep 27 j 15:32	12°♑38'23	
evening set	-1128 Jan 05 j 06:31	19°♑55'27	
conjunction	-1128 Jan 22 j 04:34	21°♑59'47	-1°01'30
minimum elong	-1128 Jan 22 j 04:31	21°♑59'46	1°01'30
max. Earth dist.	-1128 Jan 21 j 19:17	21°♑56'55	10.61245 AU
morning rise	-1128 Feb 08 j 07:02	24°♑05'30	
	-1128 Apr 06 j 10:10	0°♒	
retrograde	-1128 May 23 j 18:06	1°♒48'24	
	-1128 Jul 11 j 05:47	30°℞♑	
opposition	-1128 Aug 02 j 01:41	28°♑22'49	-1°32'43
min. Earth dist.	-1128 Aug 02 j 08:24	28°♑21'31	8.54437 AU
direct	-1128 Oct 09 j 03:35	25°♑01'35	
	-1128 Dec 27 j 01:41	0°♒	
evening set	-1127 Jan 16 j 23:23	2°♒27'20	
conjunction	-1127 Feb 03 j 00:29	4°♒34'22	-1°27'30
minimum elong	-1127 Feb 03 j 00:26	4°♒34'21	1°27'30
max. Earth dist.	-1127 Feb 02 j 17:30	4°♒32'11	10.47643 AU
morning rise	-1127 Feb 20 j 06:18	6°♒42'54	
retrograde	-1127 Jun 06 j 12:48	14°♒37'11	
opposition	-1127 Aug 15 j 09:39	11°♒10'02	-2°03'06
min. Earth dist.	-1127 Aug 15 j 14:26	11°♒09'05	8.40857 AU
direct	-1127 Oct 21 j 22:13	7°♒47'38	
	-1126 Jan 27 j 01:16	15°♒	
evening set	-1126 Jan 30 j 04:04	15°♒23'06	

conjunction	-1126 Feb 16 j 08:34	17°♒32'57	-1°49'48
minimum elong	-1126 Feb 16 j 08:31	17°♒32'56	1°49'49
max. Earth dist.	-1126 Feb 16 j 04:12	17°♒31'34	10.34158 AU
morning rise	-1126 Mar 05 j 17:51	19°♒44'24	
retrograde	-1126 Jun 20 j 16:46	27°♒49'47	
opposition	-1126 Aug 29 j 00:39	24°♒21'14	-2°28'05
min. Earth dist.	-1126 Aug 29 j 02:57	24°♒20'47	8.27753 AU
direct	-1126 Nov 04 j 00:16	20°♒57'36	
evening set	-1125 Feb 12 j 20:59	28°♒43'21	
	-1125 Feb 22 j 22:19	0°♓	
conjunction	-1125 Mar 02 j 05:08	0°♓56'05	-2°06'52
minimum elong	-1125 Mar 02 j 05:05	0°♓56'04	2°06'53
max. Earth dist.	-1125 Mar 02 j 03:02	0°♓55'24	10.21502 AU
morning rise	-1125 Mar 19 j 18:05	3°♓10'25	
retrograde	-1125 Jul 05 j 04:28	11°♓25'52	
opposition	-1125 Sep 11 j 22:44	7°♓56'11	-2°45'41
min. Earth dist.	-1125 Sep 11 j 22:49	7°♓56'10	8.15842 AU
direct	-1125 Nov 17 j 11:51	4°♓31'17	
evening set	-1124 Feb 27 j 01:43	12°♓27'11	
conjunction	-1124 Mar 15 j 13:49	14°♓42'44	-2°17'12
minimum elong	-1124 Mar 15 j 13:48	14°♓42'43	2°17'13
max. Earth dist.	-1124 Mar 15 j 14:07	14°♓42'50	10.10414 AU
morning rise	-1124 Apr 02 j 06:36	16°♓59'48	
retrograde	-1124 Jul 18 j 22:07	25°♓23'24	
opposition	-1124 Sep 25 j 02:57	21°♓52'56	-2°54'05
min. Earth dist.	-1124 Sep 25 j 01:04	21°♓53'19	8.05848 AU
direct	-1124 Nov 30 j 08:12	18°♓26'48	
evening set	-1123 Mar 12 j 17:36	26°♓31'59	
conjunction	-1123 Mar 30 j 09:57	28°♓50'08	-2°19'38
minimum elong	-1123 Mar 30 j 09:57	28°♓50'08	2°19'39
max. Earth dist.	-1123 Mar 30 j 12:45	28°♓51'03	10.01604 AU
	-1123 Apr 08 j 07:30	0°♈	
morning rise	-1123 Apr 17 j 06:34	1°♈09'39	
retrograde	-1123 Aug 02 j 20:01	9°♈38'33	
opposition	-1123 Oct 09 j 11:45	6°♈07'41	-2°52'04
min. Earth dist.	-1123 Oct 09 j 08:14	6°♈08'25	7.98426 AU
direct	-1123 Dec 14 j 12:53	2°♈40'25	
evening set	-1122 Mar 27 j 18:38	10°♈53'18	
conjunction	-1122 Apr 14 j 15:17	13°♈13'38	-2°13'31
minimum elong	-1122 Apr 14 j 15:19	13°♈13'38	2°13'31
max. Earth dist.	-1122 Apr 14 j 20:49	13°♈15'27	9.95669 AU
morning rise	-1122 May 02 j 15:23	15°♈35'02	
retrograde	-1122 Aug 17 j 19:10	24°♈05'50	
opposition	-1122 Oct 23 j 23:29	20°♈35'00	-2°39'09
min. Earth dist.	-1122 Oct 23 j 18:11	20°♈36'06	7.94086 AU
direct	-1122 Dec 29 j 00:47	17°♈06'47	
evening set	-1121 Apr 12 j 01:59	25°♈25'03	
conjunction	-1121 Apr 30 j 02:30	27°♈46'53	-1°58'54
minimum elong	-1121 Apr 30 j 02:34	27°♈46'54	1°58'54
max. Earth dist.	-1121 Apr 30 j 10:54	27°♈49'40	9.93028 AU
	-1121 May 17 j 00:08	0°♉	
morning rise	-1121 May 18 j 05:18	0°♉09'26	
retrograde	-1121 Sep 01 j 16:40	8°♉38'28	
opposition	-1121 Nov 07 j 11:59	5°♉08'06	-2°15'57
min. Earth dist.	-1121 Nov 07 j 04:45	5°♉09'37	7.93142 AU
direct	-1120 Jan 12 j 18:07	1°♉39'10	
evening set	-1120 Apr 26 j 12:34	10°♉00'04	
conjunction	-1120 May 14 j 16:07	12°♉22'35	-1°36'40
minimum elong	-1120 May 14 j 16:11	12°♉22'36	1°36'40
max. Earth dist.	-1120 May 15 j 02:51	12°♉26'07	9.93874 AU
morning rise	-1120 Jun 01 j 20:30	14°♉45'21	

Attention, astronomical year style is used: The year -1120 in astronomical counting style is the year 1121 BCE in historical counting style.

	-1120 Jun 03 j 18:02	15°♉	
retrograde	-1120 Sep 15 j 09:34	23°♉09'08	
opposition	-1120 Nov 20 j 23:00	19°♉39'36	-1°44'05
min. Earth dist.	-1120 Nov 20 j 14:16	19°♉41'26	7.95655 AU
direct	-1119 Jan 26 j 13:28	16°♉10'11	
evening set	-1119 May 11 j 22:51	24°♉30'50	
conjunction	-1119 May 30 j 04:02	26°♉53'04	-1°08'27
minimum elong	-1119 May 30 j 04:05	26°♉53'05	1°08'26
max. Earth dist.	-1119 May 30 j 16:09	26°♉57'02	9.98106 AU
morning rise	-1119 Jun 17 j 08:31	29°♉15'03	
	-1119 Jun 23 j 05:54	0°♊	
retrograde	-1119 Sep 29 j 20:01	7°♊30'46	
opposition	-1119 Dec 05 j 06:42	4°♊02'23	-1°05'59
min. Earth dist.	-1119 Dec 04 j 21:12	4°♊04'21	8.01388 AU
direct	-1118 Feb 10 j 07:53	0°♊32'44	
evening set	-1118 May 27 j 05:22	8°♊50'30	
conjunction	-1118 Jun 14 j 10:23	11°♊11'27	-0°36'19
minimum elong	-1118 Jun 14 j 10:25	11°♊11'27	0°36'18
max. Earth dist.	-1118 Jun 14 j 22:47	11°♊15'28	10.05330 AU
morning rise	-1118 Jul 02 j 13:17	13°♊31'42	
retrograde	-1118 Oct 13 j 23:15	21°♊37'29	
opposition	-1118 Dec 19 j 09:23	18°♊10'29	-0°24'31
min. Earth dist.	-1118 Dec 19 j 00:20	18°♊12'21	8.09842 AU
direct	-1117 Feb 24 j 23:25	14°♊40'56	
evening set	-1117 Jun 11 j 05:11	22°♊53'42	
conjunction	-1117 Jun 29 j 08:18	25°♊12'32	-0°02'36
minimum elong	-1117 Jun 29 j 08:18	25°♊12'32	0°02'36
behind sun begin	-1117 Jun 29 j 00:58	25°♊10'12	
behind sun end	-1117 Jun 29 j 15:38	25°♊14'51	
max. Earth dist.	-1117 Jun 29 j 19:36	25°♊16'08	10.14943 AU
morning rise	-1117 Jul 17 j 08:08	27°♊30'18	
asc. node	-1117 Jul 27 j 21:43	28°♊48'41	
	-1117 Aug 06 j 22:30	0°♋	
retrograde	-1117 Oct 27 j 17:54	5°♋25'18	
opposition	-1116 Jan 02 j 06:04	1°♋59'54	0°17'25
min. Earth dist.	-1116 Jan 01 j 22:18	2°♋01'28	8.20393 AU
	-1116 Jan 28 j 11:40	30°℞♊	
direct	-1116 Mar 10 j 10:19	28°♊30'45	
	-1116 Apr 21 j 03:20	0°♋	
evening set	-1116 Jun 24 j 20:13	6°♋37'01	
conjunction	-1116 Jul 12 j 19:53	8°♋53'05	0°30'40
minimum elong	-1116 Jul 12 j 19:52	8°♋53'05	0°30'41
max. Earth dist.	-1116 Jul 13 j 05:11	8°♋56'02	10.26326 AU
morning rise	-1116 Jul 30 j 15:28	11°♋07'51	
retrograde	-1116 Nov 09 j 02:16	18°♋51'57	
opposition	-1115 Jan 14 j 20:15	15°♋28'12	0°57'14
min. Earth dist.	-1115 Jan 14 j 13:45	15°♋29'31	8.32448 AU
direct	-1115 Mar 24 j 16:34	11°♋59'45	
evening set	-1115 Jul 09 j 01:05	19°♋58'22	
conjunction	-1115 Jul 26 j 20:06	22°♋11'15	1°01'24
minimum elong	-1115 Jul 26 j 20:04	22°♋11'14	1°01'25
max. Earth dist.	-1115 Jul 27 j 03:18	22°♋13'30	10.38896 AU
morning rise	-1115 Aug 13 j 10:33	24°♋22'41	
	-1115 Oct 05 j 23:51	0°♌	
retrograde	-1115 Nov 22 j 00:50	1°♌56'16	
	-1114 Jan 09 j 11:31	30°℞♋	
opposition	-1114 Jan 28 j 03:35	28°♋34'06	1°32'50
min. Earth dist.	-1114 Jan 27 j 22:01	28°♋35'12	8.45415 AU
direct	-1114 Apr 07 j 15:32	25°♋06'33	
	-1114 Jun 27 j 04:51	0°♌	
evening set	-1114 Jul 22 j 18:41	2°♌56'45	

conjunction	-1114 Aug 09 j 08:28	5°♌06'16	1°28'12
minimum elong	-1114 Aug 09 j 08:24	5°♌06'15	1°28'13
max. Earth dist.	-1114 Aug 09 j 13:54	5°♌07'57	10.52047 AU
morning rise	-1114 Aug 26 j 17:19	7°♌14'15	
retrograde	-1114 Dec 04 j 16:38	14°♌38'07	
opposition	-1113 Feb 10 j 04:11	11°♌17'22	2°02'43
min. Earth dist.	-1113 Feb 09 j 23:18	11°♌18'19	8.58658 AU
direct	-1113 Apr 21 j 05:29	7°♌50'55	
	-1113 Jul 31 j 11:40	15°♌	
evening set	-1113 Aug 05 j 00:36	15°♌32'19	
conjunction	-1113 Aug 22 j 09:02	17°♌38'33	1°50'03
minimum elong	-1113 Aug 22 j 08:59	17°♌38'32	1°50'04
max. Earth dist.	-1113 Aug 22 j 13:25	17°♌39'53	10.65142 AU
morning rise	-1113 Sep 08 j 12:21	19°♌43'15	
retrograde	-1113 Dec 17 j 00:39	26°♌58'26	
opposition	-1112 Feb 22 j 22:22	23°♌38'56	2°25'58
min. Earth dist.	-1112 Feb 22 j 19:02	23°♌39'35	8.71539 AU
direct	-1112 May 03 j 11:00	20°♌13'39	
evening set	-1112 Aug 16 j 19:33	27°♌46'23	
conjunction	-1112 Sep 02 j 22:47	29°♌49'33	2°06'20
minimum elong	-1112 Sep 02 j 22:44	29°♌49'32	2°06'21
max. Earth dist.	-1112 Sep 03 j 01:27	29°♌50'21	10.77570 AU
	-1112 Sep 04 j 09:25	0°♍	
morning rise	-1112 Sep 19 j 20:58	1°♍51'16	
retrograde	-1112 Dec 28 j 02:02	8°♍59'00	
opposition	-1111 Mar 06 j 10:42	5°♍40'35	2°42'04
min. Earth dist.	-1111 Mar 06 j 09:34	5°♍40'47	8.83483 AU
direct	-1111 May 16 j 09:05	2°♍16'28	
evening set	-1111 Aug 29 j 04:11	9°♍40'59	
conjunction	-1111 Sep 15 j 02:36	11°♍41'27	2°16'46
minimum elong	-1111 Sep 15 j 02:34	11°♍41'27	2°16'46
max. Earth dist.	-1111 Sep 15 j 02:44	11°♍41'30	10.88812 AU
morning rise	-1111 Oct 01 j 20:34	13°♍40'37	
retrograde	-1110 Jan 08 j 21:16	20°♍42'20	
opposition	-1110 Mar 18 j 18:07	17°♍24'43	2°50'57
min. Earth dist.	-1110 Mar 18 j 19:02	17°♍24'32	8.94006 AU
direct	-1110 May 28 j 23:34	14°♍01'48	
evening set	-1110 Sep 10 j 03:24	21°♍18'45	
conjunction	-1110 Sep 26 j 21:50	23°♍17'00	2°21'19
minimum elong	-1110 Sep 26 j 21:49	23°♍16'59	2°21'18
max. Earth dist.	-1110 Sep 26 j 19:31	23°♍16'19	10.98434 AU
morning rise	-1110 Oct 13 j 12:32	25°♍14'09	
	-1110 Nov 29 j 13:24	0°♎	
retrograde	-1109 Jan 20 j 12:15	2°♎11'21	
	-1109 Mar 15 j 21:27	30°℞♍	
opposition	-1109 Mar 30 j 21:14	28°♍54'15	2°52'46
min. Earth dist.	-1109 Mar 30 j 23:13	28°♍53'53	9.02704 AU
direct	-1109 Jun 10 j 08:32	25°♍32'29	
	-1109 Aug 27 j 22:40	0°♎	
evening set	-1109 Sep 21 j 18:55	2°♎42'49	
conjunction	-1109 Oct 08 j 10:26	4°♎39'23	2°20'10
minimum elong	-1109 Oct 08 j 10:26	4°♎39'23	2°20'09
max. Earth dist.	-1109 Oct 08 j 07:00	4°♎38'22	11.06082 AU
morning rise	-1109 Oct 24 j 22:42	6°♎35'02	
retrograde	-1108 Feb 01 j 03:13	13°♎29'13	
opposition	-1108 Apr 10 j 21:03	10°♎12'27	2°47'51
min. Earth dist.	-1108 Apr 11 j 00:05	10°♎11'53	9.09261 AU
direct	-1108 Jun 21 j 10:52	6°♎51'45	
evening set	-1108 Oct 02 j 04:27	13°♎56'35	
conjunction	-1108 Oct 18 j 17:54	15°♎52'01	2°13'37
minimum elong	-1108 Oct 18 j 17:55	15°♎52'01	2°13'37

Attention, astronomical year style is used: The year -1108 in astronomical counting style is the year 1109 BCE in historical counting style.

max. Earth dist.	-1108 Oct 18 j 13:24	15°♎50'42	11.11489 AU
morning rise	-1108 Nov 04 j 04:40	17°♎46'44	
retrograde	-1107 Feb 11 j 15:17	24°♎39'28	
opposition	-1107 Apr 22 j 19:07	21°♎22'47	2°36'37
min. Earth dist.	-1107 Apr 22 j 23:47	21°♎21'56	9.13462 AU
direct	-1107 Jul 03 j 07:07	18°♎03'03	
evening set	-1107 Oct 13 j 09:31	25°♎03'38	
conjunction	-1107 Oct 29 j 21:37	26°♎58'25	2°02'04
minimum elong	-1107 Oct 29 j 21:40	26°♎58'26	2°02'04
max. Earth dist.	-1107 Oct 29 j 15:04	26°♎56'30	11.14481 AU
morning rise	-1107 Nov 15 j 08:03	28°♎52'46	
	-1107 Nov 25 j 07:22	0°♏	
retrograde	-1106 Feb 23 j 04:29	5°♏45'40	
opposition	-1106 May 04 j 16:20	2°♏28'50	2°19'38
min. Earth dist.	-1106 May 04 j 22:48	2°♏27'39	9.15178 AU
	-1106 Jun 11 j 23:53	30°℞♎	
direct	-1106 Jul 15 j 01:40	29°♎09'52	
	-1106 Aug 16 j 13:22	0°♏	
evening set	-1106 Oct 24 j 12:08	6°♏07'35	
conjunction	-1106 Nov 09 j 23:47	8°♏02'16	1°45'58
minimum elong	-1106 Nov 09 j 23:50	8°♏02'17	1°45'58
max. Earth dist.	-1106 Nov 09 j 15:41	7°♏59'54	11.14963 AU
morning rise	-1106 Nov 26 j 10:46	9°♏56'47	
	-1105 Jan 17 j 03:58	15°♏	
retrograde	-1105 Mar 06 j 18:19	16°♏51'25	
	-1105 Apr 26 j 08:10	15°℞♏	
opposition	-1105 May 16 j 13:33	13°♏34'10	1°57'28
min. Earth dist.	-1105 May 16 j 20:45	13°♏32'51	9.14346 AU
direct	-1105 Jul 26 j 17:12	10°♏15'46	
	-1105 Oct 15 j 13:20	15°♏	
evening set	-1105 Nov 04 j 13:58	17°♏12'06	
conjunction	-1105 Nov 21 j 02:03	19°♏07'10	1°25'52
minimum elong	-1105 Nov 21 j 02:05	19°♏07'11	1°25'51
max. Earth dist.	-1105 Nov 20 j 17:44	19°♏04'44	11.12901 AU
morning rise	-1105 Dec 07 j 14:06	21°♏02'18	
retrograde	-1104 Mar 17 j 13:32	28°♏00'20	
opposition	-1104 May 27 j 12:16	24°♏42'25	1°30'49
min. Earth dist.	-1104 May 27 j 19:26	24°♏41'06	9.10980 AU
direct	-1104 Aug 06 j 09:36	21°♏24'24	
evening set	-1104 Nov 14 j 16:57	28°♏20'49	
	-1104 Nov 28 j 21:07	0°♐	
conjunction	-1104 Dec 01 j 05:56	0°♐16'43	1°02'23
minimum elong	-1104 Dec 01 j 05:59	0°♐16'44	1°02'22
max. Earth dist.	-1104 Nov 30 j 21:25	0°♐14'13	11.08352 AU
morning rise	-1104 Dec 17 j 19:41	2°♐12'55	
retrograde	-1103 Mar 29 j 13:41	9°♐15'55	
opposition	-1103 Jun 08 j 13:42	5°♐57'07	1°00'26
min. Earth dist.	-1103 Jun 08 j 21:16	5°♐55'44	9.05198 AU
direct	-1103 Aug 18 j 00:18	2°♐39'14	
evening set	-1103 Nov 25 j 23:08	9°♐37'21	
conjunction	-1103 Dec 12 j 13:24	11°♐34'28	0°36'14
minimum elong	-1103 Dec 12 j 13:25	11°♐34'28	0°36'13
max. Earth dist.	-1103 Dec 12 j 03:49	11°♐31'38	11.01481 AU
morning rise	-1103 Dec 29 j 05:32	13°♐32'11	
retrograde	-1102 Apr 10 j 17:03	20°♐41'40	
opposition	-1102 Jun 20 j 18:39	17°♐21'47	0°27'12
min. Earth dist.	-1102 Jun 21 j 02:53	17°♐20'15	8.97211 AU
direct	-1102 Aug 29 j 17:17	14°♐03'44	
evening set	-1102 Dec 07 j 10:05	21°♐05'10	
conjunction	-1102 Dec 24 j 02:10	23°♐03'55	0°08'17
minimum elong	-1102 Dec 24 j 02:10	23°♐03'55	0°08'16
behind sun begin	-1102 Dec 23 j 19:57	23°♐02'05	
behind sun end	-1102 Dec 24 j 08:22	23°♐05'45	
max. Earth dist.	-1102 Dec 23 j 16:22	23°♐01'00	10.92522 AU
morning rise	-1101 Jan 09 j 21:00	25°♐03'29	
	-1101 Feb 27 j 04:32	0°♑	
desc. node	-1101 Apr 10 j 23:47	2°♑13'36	
retrograde	-1101 Apr 23 j 05:07	2°♑20'55	
	-1101 Jun 19 j 12:44	30°℞♐	
opposition	-1101 Jul 03 j 04:11	28°♐59'45	-0°07'49
min. Earth dist.	-1101 Jul 03 j 12:17	28°♐58'14	8.87293 AU
direct	-1101 Sep 10 j 15:37	25°♐41'17	
	-1101 Nov 24 j 05:09	0°♑	
evening set	-1101 Dec 19 j 03:37	2°♑47'38	
conjunction	-1100 Jan 04 j 21:56	4°♑48'19	-0°20'39
minimum elong	-1100 Jan 04 j 21:55	4°♑48'19	0°20'40
max. Earth dist.	-1100 Jan 04 j 13:26	4°♑45'45	10.81776 AU
morning rise	-1100 Jan 21 j 19:33	6°♑50'05	
retrograde	-1100 May 05 j 01:01	14°♑16'45	
opposition	-1100 Jul 14 j 19:08	10°♑54'08	-0°43'22
min. Earth dist.	-1100 Jul 15 j 01:57	10°♑52'51	8.75797 AU
direct	-1100 Sep 21 j 16:57	7°♑35'03	
evening set	-1100 Dec 30 j 05:31	14°♑47'48	
conjunction	-1099 Jan 16 j 02:19	16°♑50'44	-0°49'15
minimum elong	-1099 Jan 16 j 02:17	16°♑50'44	0°49'16
max. Earth dist.	-1099 Jan 15 j 18:46	16°♑48'26	10.69640 AU
morning rise	-1099 Feb 02 j 02:58	18°♑54'56	
retrograde	-1099 May 18 j 05:36	26°♑31'53	
opposition	-1099 Jul 27 j 16:22	23°♑07'43	-1°18'00
min. Earth dist.	-1099 Jul 27 j 22:00	23°♑06'38	8.63153 AU
direct	-1099 Oct 04 j 00:25	19°♑47'43	
evening set	-1098 Jan 11 j 17:12	27°♑08'19	
conjunction	-1098 Jan 28 j 16:42	29°♑13'46	-1°16'18
minimum elong	-1098 Jan 28 j 16:39	29°♑13'45	1°16'19
max. Earth dist.	-1098 Jan 28 j 09:28	29°♑11'32	10.56568 AU
	-1098 Feb 03 j 21:57	0°♒	
morning rise	-1098 Feb 14 j 20:44	1°♒20'39	
retrograde	-1098 May 31 j 19:57	9°♒08'30	
opposition	-1098 Aug 09 j 20:24	5°♒42'47	-1°50'01
min. Earth dist.	-1098 Aug 10 j 01:21	5°♒41'50	8.49828 AU
direct	-1098 Oct 16 j 13:57	2°♒21'40	
evening set	-1097 Jan 24 j 15:54	9°♒51'23	
conjunction	-1097 Feb 10 j 18:26	11°♒59'31	-1°40'22
minimum elong	-1097 Feb 10 j 18:23	11°♒59'31	1°40'23
max. Earth dist.	-1097 Feb 10 j 11:43	11°♒57'25	10.43070 AU
morning rise	-1097 Feb 28 j 01:59	14°♒09'15	
	-1097 Mar 07 j 00:34	15°♒	
retrograde	-1097 Jun 14 j 18:04	22°♒08'14	
opposition	-1097 Aug 23 j 07:27	18°♒41'04	-2°17'33
min. Earth dist.	-1097 Aug 23 j 11:42	18°♒40'13	8.36409 AU
direct	-1097 Oct 29 j 12:14	15°♒18'39	
evening set	-1096 Feb 07 j 02:18	22°♒58'24	
conjunction	-1096 Feb 24 j 08:23	25°♒09'24	-1°59'54
minimum elong	-1096 Feb 24 j 08:21	25°♒09'23	1°59'55
max. Earth dist.	-1096 Feb 24 j 03:43	25°♒07'55	10.29834 AU
morning rise	-1096 Mar 12 j 19:33	27°♒22'02	
	-1096 Apr 03 j 18:28	0°♓	
retrograde	-1096 Jun 28 j 00:12	5°♓31'38	
opposition	-1096 Sep 05 j 01:39	2°♓03'07	-2°38'37
min. Earth dist.	-1096 Sep 05 j 04:11	2°♓02'36	8.23661 AU
	-1096 Oct 02 j 13:49	30°℞♒	
direct	-1096 Nov 10 j 20:12	28°♒39'21	
	-1096 Dec 19 j 05:38	0°♓	

Attention, astronomical year style is used: The year -1095 in astronomical counting style is the year 1096 BCE in historical counting style.

evening set	-1095 Feb 20 j 00:39	6°♓29'19		
conjunction	-1095 Mar 09 j 10:45	8°♓43'13	-2°13'24	
minimum elong	-1095 Mar 09 j 10:43	8°♓43'13	2°13'24	
max. Earth dist.	-1095 Mar 09 j 09:01	8°♓42'40	10.17667 AU	
morning rise	-1095 Mar 27 j 01:37	10°♓58'41		
retrograde	-1095 Jul 12 j 13:36	19°♓17'27		
opposition	-1095 Sep 19 j 02:13	15°♓47'48	-2°51'21	
min. Earth dist.	-1095 Sep 19 j 02:23	15°♓47'46	8.12375 AU	
direct	-1095 Nov 24 j 12:16	12°♓22'38		
evening set	-1094 Mar 06 j 10:39	20°♓22'21		
conjunction	-1094 Mar 24 j 01:00	22°♓39'01	-2°19'31	
minimum elong	-1094 Mar 24 j 00:59	22°♓39'01	2°19'32	
max. Earth dist.	-1094 Mar 24 j 02:19	22°♓39'27	10.07346 AU	
morning rise	-1094 Apr 10 j 19:36	24°♓57'05		
	-1094 May 24 j 14:57	0°♈		
retrograde	-1094 Jul 27 j 09:10	3°♈22'36		
	-1094 Oct 01 j 17:39	30°℞♓		
opposition	-1094 Oct 03 j 07:56	29°♓52'08	-2°54'13	
min. Earth dist.	-1094 Oct 03 j 05:40	29°♓52'36	8.03272 AU	
direct	-1094 Dec 08 j 11:45	26°♓25'36		
	-1093 Feb 10 j 11:23	0°♈		
evening set	-1093 Mar 21 j 06:37	4°♈33'53		
conjunction	-1093 Apr 08 j 01:16	6°♈52'58	-2°17'23	
minimum elong	-1093 Apr 08 j 01:17	6°♈52'58	2°17'23	
max. Earth dist.	-1093 Apr 08 j 05:28	6°♈54'21	9.99554 AU	
morning rise	-1093 Apr 25 j 23:28	9°♈13'14		
retrograde	-1093 Aug 11 j 07:30	17°♈42'24		
opposition	-1093 Oct 17 j 17:32	14°♈11'33	-2°46'23	
min. Earth dist.	-1093 Oct 17 j 13:07	14°♈12'28	7.96956 AU	
direct	-1093 Dec 22 j 19:12	10°♈43'46		
evening set	-1092 Apr 04 j 10:05	18°♈58'39		
conjunction	-1092 Apr 22 j 08:50	21°♈19'38	-2°06'41	
minimum elong	-1092 Apr 22 j 08:53	21°♈19'39	2°06'41	
max. Earth dist.	-1092 Apr 22 j 15:21	21°♈21'46	9.94818 AU	
morning rise	-1092 May 10 j 10:15	23°♈41'29		
	-1092 Jul 06 j 10:36	0°♉		
retrograde	-1092 Aug 25 j 05:23	2°♉10'48		
	-1092 Oct 14 j 18:52	30°℞♈		
opposition	-1092 Oct 31 j 04:58	28°♈39'59	-2°27'55	
min. Earth dist.	-1092 Oct 30 j 23:11	28°♈41'12	7.93851 AU	
direct	-1091 Jan 05 j 08:53	25°♈11'09		
	-1091 Mar 22 j 01:46	0°♉		
evening set	-1091 Apr 19 j 18:34	3°♉30'12		
conjunction	-1091 May 07 j 20:45	5°♉52'21	-1°47'54	
minimum elong	-1091 May 07 j 20:49	5°♉52'22	1°47'54	
max. Earth dist.	-1091 May 08 j 04:55	5°♉55'02	9.93449 AU	
morning rise	-1091 May 26 j 00:28	8°♉14'58		
	-1091 Jul 27 j 18:38	15°♉		
retrograde	-1091 Sep 08 j 23:58	16°♉40'52		
	-1091 Oct 22 j 15:38	15°℞♉		
opposition	-1091 Nov 14 j 16:02	13°♉10'34	-1°59'56	
min. Earth dist.	-1091 Nov 14 j 09:24	13°♉11'58	7.94155 AU	
direct	-1090 Jan 20 j 02:27	9°♉40'56		
	-1090 Apr 10 j 14:19	15°♉		
evening set	-1090 May 05 j 04:32	18°♉01'26		
conjunction	-1090 May 23 j 08:59	20°♉23'51	-1°22'19	
minimum elong	-1090 May 23 j 09:03	20°♉23'52	1°22'18	
max. Earth dist.	-1090 May 23 j 18:20	20°♉26'55	9.95514 AU	
morning rise	-1090 Jun 10 j 13:40	22°♉46'16		
	-1090 Aug 20 j 01:10	0°♊		
retrograde	-1090 Sep 23 j 12:51	1°♊05'42		
	-1090 Oct 28 j 06:00	30°℞♉		
opposition	-1090 Nov 29 j 00:55	27°♉36'18	-1°24'30	
min. Earth dist.	-1090 Nov 28 j 17:33	27°♉37'50	7.97830 AU	
direct	-1089 Feb 03 j 21:01	24°♉06'12		
	-1089 Apr 30 j 21:35	0°♊		
evening set	-1089 May 20 j 12:18	2°♊25'23		
conjunction	-1089 Jun 07 j 17:30	4°♊47'04	-0°51'47	
minimum elong	-1089 Jun 07 j 17:32	4°♊47'05	0°51'46	
max. Earth dist.	-1089 Jun 08 j 03:36	4°♊50'22	10.00845 AU	
morning rise	-1089 Jun 25 j 21:33	7°♊08'19		
retrograde	-1089 Oct 07 j 19:02	15°♊18'58		
opposition	-1089 Dec 13 j 05:44	11°♊50'47	-0°44'17	
min. Earth dist.	-1089 Dec 12 j 21:42	11°♊52'26	8.04608 AU	
direct	-1088 Feb 18 j 14:30	8°♊20'34		
evening set	-1088 Jun 03 j 15:10	16°♊36'00		
conjunction	-1088 Jun 21 j 19:25	18°♊56'02	-0°18'32	
minimum elong	-1088 Jun 21 j 19:26	18°♊56'02	0°18'32	
max. Earth dist.	-1088 Jun 22 j 05:48	18°♊59'23	10.09055 AU	
morning rise	-1088 Jul 09 j 21:09	21°♊15'12		
retrograde	-1088 Oct 20 j 16:45	29°♊15'33		
opposition	-1088 Dec 26 j 04:59	25°♊48'49	-0°02'15	
min. Earth dist.	-1088 Dec 25 j 20:27	25°♊50'34	8.14022 AU	
asc. node	-1087 Jan 15 j 12:24	24°♊12'48		
direct	-1087 Mar 04 j 04:13	22°♊18'53		
	-1087 Jun 14 j 14:32	0°♋		
evening set	-1087 Jun 18 j 10:25	0°♋28'34		
conjunction	-1087 Jul 06 j 12:02	2°♋46'08	0°15'13	
minimum elong	-1087 Jul 06 j 12:02	2°♋46'07	0°15'13	
behind sun begin	-1087 Jul 06 j 10:00	2°♋45'29		
behind sun end	-1087 Jul 06 j 14:03	2°♋46'46		
max. Earth dist.	-1087 Jul 06 j 22:26	2°♋49'26	10.19591 AU	
morning rise	-1087 Jul 24 j 09:55	5°♋02'30		
retrograde	-1087 Nov 03 j 05:33	12°♋51'57		
opposition	-1086 Jan 08 j 22:05	9°♋26'51	0°38'51	
min. Earth dist.	-1086 Jan 08 j 13:51	9°♋28'31	8.25467 AU	
direct	-1086 Mar 18 j 12:24	5°♋57'31		
evening set	-1086 Jul 02 j 19:54	13°♋59'58		
conjunction	-1086 Jul 20 j 17:27	16°♋14'30	0°47'17	
minimum elong	-1086 Jul 20 j 17:25	16°♋14'29	0°47'18	
max. Earth dist.	-1086 Jul 21 j 03:12	16°♋17'34	10.31800 AU	
morning rise	-1086 Aug 07 j 10:23	18°♋27'36		
retrograde	-1086 Nov 16 j 09:59	26°♋06'16		
opposition	-1085 Jan 22 j 08:30	22°♋42'51	1°16'39	
min. Earth dist.	-1085 Jan 22 j 01:20	22°♋44'17	8.38271 AU	
direct	-1085 Apr 01 j 12:40	19°♋14'26		
evening set	-1085 Jul 16 j 18:37	27°♋08'42		
conjunction	-1085 Aug 03 j 11:08	29°♋19'54	1°16'05	
minimum elong	-1085 Aug 03 j 11:05	29°♋19'53	1°16'05	
max. Earth dist.	-1085 Aug 03 j 19:16	29°♋22'26	10.44995 AU	
	-1085 Aug 08 j 20:01	0°♌		
morning rise	-1085 Aug 20 j 22:37	1°♌29'34		
retrograde	-1085 Nov 29 j 05:27	8°♌58'00		
opposition	-1084 Feb 04 j 11:57	5°♌36'15	1°49'21	
min. Earth dist.	-1084 Feb 04 j 06:35	5°♌37'19	8.51738 AU	
direct	-1084 Apr 14 j 05:43	2°♌08'58		
evening set	-1084 Jul 29 j 06:03	9°♌54'37		
conjunction	-1084 Aug 15 j 17:03	12°♌02'27	1°40'21	
minimum elong	-1084 Aug 15 j 16:59	12°♌02'26	1°40'22	
max. Earth dist.	-1084 Aug 15 j 22:37	12°♌04'10	10.58485 AU	
morning rise	-1084 Sep 01 j 23:02	14°♌08'44		
	-1084 Sep 09 j 03:32	15°♌		

Attention, astronomical year style is used: The year -1084 in astronomical counting style is the year 1085 BCE in historical counting style.

retrograde	-1084 Dec 10 j 15:28	21°♌27'55	
opposition	-1083 Feb 16 j 08:59	18°♌07'43	2°15'47
min. Earth dist.	-1083 Feb 16 j 05:03	18°♌08'29	8.65175 AU
	-1083 Apr 08 j 11:42	15°℞♌	
direct	-1083 Apr 27 j 16:08	14°♌41'44	
	-1083 May 16 j 19:31	15°♌	
evening set	-1083 Aug 11 j 06:09	22°♌18'41	
conjunction	-1083 Aug 28 j 11:42	24°♌23'17	1°59'17
minimum elong	-1083 Aug 28 j 11:39	24°♌23'16	1°59'19
max. Earth dist.	-1083 Aug 28 j 15:00	24°♌24'17	10.71615 AU
morning rise	-1083 Sep 14 j 12:25	26°♌26'25	
	-1083 Oct 16 j 19:14	0°♍	
retrograde	-1083 Dec 22 j 19:41	3°♍37'38	
opposition	-1082 Mar 01 j 00:00	0°♍18'45	2°35'16
min. Earth dist.	-1082 Feb 28 j 21:05	0°♍19'18	8.77952 AU
	-1082 Mar 05 j 02:07	30°℞♌	
direct	-1082 May 10 j 18:52	26°♌54'11	
	-1082 Jul 13 j 13:00	0°♍	
evening set	-1082 Aug 23 j 19:34	4°♍22'39	
conjunction	-1082 Sep 09 j 20:13	6°♍24'22	2°12'29
minimum elong	-1082 Sep 09 j 20:11	6°♍24'22	2°12'29
max. Earth dist.	-1082 Sep 09 j 22:10	6°♍24'57	10.83806 AU
morning rise	-1082 Sep 26 j 16:12	8°♍24'43	
retrograde	-1081 Jan 03 j 19:16	15°♍29'16	
opposition	-1081 Mar 13 j 09:41	12°♍11'29	2°47'31
min. Earth dist.	-1081 Mar 13 j 08:05	12°♍11'47	8.89522 AU
direct	-1081 May 23 j 11:39	8°♍48'19	
evening set	-1081 Sep 04 j 23:20	16°♍08'52	
conjunction	-1081 Sep 21 j 19:45	18°♍08'09	2°19'46
minimum elong	-1081 Sep 21 j 19:44	18°♍08'09	2°19'46
max. Earth dist.	-1081 Sep 21 j 20:16	18°♍08'18	10.94553 AU
morning rise	-1081 Oct 08 j 11:49	20°♍06'12	
retrograde	-1080 Jan 15 j 13:09	27°♍05'29	
opposition	-1080 Mar 24 j 14:59	23°♍48'32	2°52'36
min. Earth dist.	-1080 Mar 24 j 15:40	23°♍48'25	8.99414 AU
direct	-1080 Jun 03 j 22:40	20°♍26'40	
evening set	-1080 Sep 15 j 18:53	27°♍40'10	
conjunction	-1080 Oct 02 j 11:43	29°♍37'28	2°21'15
minimum elong	-1080 Oct 02 j 11:43	29°♍37'28	2°21'14
max. Earth dist.	-1080 Oct 02 j 09:37	29°♍36'51	11.03430 AU
	-1080 Oct 05 j 16:12	0°♎	
morning rise	-1080 Oct 19 j 00:57	1°♎33'45	
retrograde	-1079 Jan 26 j 04:26	8°♎29'15	
opposition	-1079 Apr 05 j 16:45	5°♎12'51	2°50'45
min. Earth dist.	-1079 Apr 05 j 19:42	5°♎12'19	9.07244 AU
direct	-1079 Jun 16 j 03:55	1°♎52'10	
evening set	-1079 Sep 27 j 07:34	8°♎59'34	
conjunction	-1079 Oct 13 j 21:44	10°♎55'26	2°17'11
minimum elong	-1079 Oct 13 j 21:46	10°♎55'26	2°17'10
max. Earth dist.	-1079 Oct 13 j 17:05	10°♎54'04	11.10102 AU
morning rise	-1079 Oct 30 j 09:13	12°♎50'31	
retrograde	-1078 Feb 06 j 16:14	19°♎43'47	
opposition	-1078 Apr 17 j 15:59	16°♎27'36	2°42'23
min. Earth dist.	-1078 Apr 17 j 20:22	16°♎26'47	9.12695 AU
direct	-1078 Jun 28 j 04:04	13°♎07'54	
evening set	-1078 Oct 08 j 14:50	20°♎10'25	
conjunction	-1078 Oct 25 j 03:29	22°♎05'24	2°07'53
minimum elong	-1078 Oct 25 j 03:31	22°♎05'25	2°07'53
max. Earth dist.	-1078 Oct 24 j 21:27	22°♎03'39	11.14273 AU
morning rise	-1078 Nov 10 j 14:02	23°♎59'50	
	-1077 Jan 16 j 09:52	0°♏	

retrograde	-1077 Feb 18 j 06:25	0°♏52'32	
	-1077 Mar 23 j 19:35	30°℞♎	
opposition	-1077 Apr 29 j 13:40	27°♎36'15	2°28'01
min. Earth dist.	-1077 Apr 29 j 19:05	27°♎35'16	9.15506 AU
direct	-1077 Jul 10 j 01:09	24°♎17'23	
	-1077 Oct 08 j 09:50	0°♏	
evening set	-1077 Oct 19 j 18:52	1°♏16'23	
conjunction	-1077 Nov 05 j 06:47	3°♏11'03	1°53'50
minimum elong	-1077 Nov 05 j 06:49	3°♏11'04	1°53'49
max. Earth dist.	-1077 Nov 04 j 23:29	3°♏08'56	11.15744 AU
morning rise	-1077 Nov 21 j 17:15	5°♏05'24	
retrograde	-1076 Feb 29 j 21:07	11°♏59'08	
opposition	-1076 May 10 j 11:07	8°♏42'31	2°08'11
min. Earth dist.	-1076 May 10 j 18:17	8°♏41'13	9.15576 AU
direct	-1076 Jul 20 j 16:57	5°♏24'15	
evening set	-1076 Oct 29 j 21:29	12°♏21'15	
conjunction	-1076 Nov 15 j 09:15	14°♏16'05	1°35'30
minimum elong	-1076 Nov 15 j 09:18	14°♏16'06	1°35'30
max. Earth dist.	-1076 Nov 14 j 23:52	14°♏13'21	11.14508 AU
	-1076 Nov 21 j 15:36	15°♏	
morning rise	-1076 Dec 01 j 20:39	16°♏10'53	
retrograde	-1075 Mar 12 j 13:28	23°♏07'19	
opposition	-1075 May 22 j 09:43	19°♏50'03	1°43'31
min. Earth dist.	-1075 May 22 j 18:27	19°♏48'27	9.12976 AU
direct	-1075 Aug 01 j 09:13	16°♏32'05	
evening set	-1075 Nov 10 j 00:10	23°♏28'33	
conjunction	-1075 Nov 26 j 12:33	25°♏24'03	1°13'30
minimum elong	-1075 Nov 26 j 12:35	25°♏24'04	1°13'29
max. Earth dist.	-1075 Nov 26 j 01:53	25°♏20'55	11.10669 AU
morning rise	-1075 Dec 13 j 01:35	27°♏19'46	
	-1074 Jan 06 j 13:00	0°♐	
retrograde	-1074 Mar 24 j 10:06	4°♐20'31	
opposition	-1074 Jun 03 j 10:14	1°♐02'16	1°14'45
min. Earth dist.	-1074 Jun 03 j 19:32	1°♐00'34	9.07840 AU
	-1074 Jun 17 j 18:58	30°℞♏	
direct	-1074 Aug 13 j 01:45	27°♏44'20	
	-1074 Oct 05 j 17:10	0°♐	
evening set	-1074 Nov 21 j 05:01	4°♐41'50	
conjunction	-1074 Dec 07 j 18:44	6°♐38'25	0°48'29
minimum elong	-1074 Dec 07 j 18:46	6°♐38'25	0°48'28
max. Earth dist.	-1074 Dec 07 j 08:27	6°♐35'22	11.04381 AU
morning rise	-1074 Dec 24 j 09:46	8°♐35'28	
retrograde	-1073 Apr 05 j 12:10	15°♐42'05	
opposition	-1073 Jun 15 j 13:32	12°♐22'36	0°42'43
min. Earth dist.	-1073 Jun 15 j 22:20	12°♐20'58	9.00364 AU
direct	-1073 Aug 24 j 19:13	9°♐04'27	
evening set	-1073 Dec 02 j 13:50	16°♐04'34	
conjunction	-1073 Dec 19 j 05:13	18°♐02'38	0°21'14
minimum elong	-1073 Dec 19 j 05:13	18°♐02'38	0°21'13
max. Earth dist.	-1073 Dec 18 j 19:07	17°♐59'38	10.95868 AU
morning rise	-1072 Jan 04 j 22:38	20°♐01'25	
retrograde	-1072 Apr 16 j 22:08	27°♐15'23	
opposition	-1072 Jun 26 j 21:09	23°♐54'31	0°08'22
min. Earth dist.	-1072 Jun 27 j 05:35	23°♐52'56	8.90825 AU
direct	-1072 Sep 04 j 14:38	20°♐35'54	
desc. node	-1072 Sep 24 j 12:06	20°♐55'58	
evening set	-1072 Dec 13 j 04:19	27°♐40'13	
conjunction	-1072 Dec 29 j 21:33	29°♐40'07	-0°07'27
minimum elong	-1072 Dec 29 j 21:34	29°♐40'07	0°07'27
behind sun begin	-1072 Dec 29 j 15:09	29°♐38'13	
behind sun end	-1072 Dec 30 j 03:58	29°♐42'02	

Attention, astronomical year style is used: The year -1072 in astronomical counting style is the year 1073 BCE in historical counting style.

max. Earth dist.	-1072 Dec 29 j 11:08	29°♐37'00	10.85453 AU	
	-1071 Jan 01 j 15:36	0°♑		
morning rise	-1071 Jan 15 j 17:54	1°♑41'00		
retrograde	-1071 Apr 29 j 13:27	9°♑03'44		
opposition	-1071 Jul 09 j 09:56	5°♑41'19	-0°27'08	
min. Earth dist.	-1071 Jul 09 j 18:17	5°♑39'45	8.79587 AU	
direct	-1071 Sep 16 j 13:29	2°♑22'00		
evening set	-1071 Dec 25 j 02:22	9°♑32'11		
conjunction	-1070 Jan 10 j 21:56	11°♑34'14	-0°36'18	
minimum elong	-1070 Jan 10 j 21:55	11°♑34'14	0°36'18	
max. Earth dist.	-1070 Jan 10 j 11:59	11°♑31'13	10.73529 AU	
morning rise	-1070 Jan 27 j 21:23	13°♑37'29		
retrograde	-1070 May 12 j 13:03	21°♑10'11		
opposition	-1070 Jul 22 j 04:24	17°♑46'09	-1°02'26	
min. Earth dist.	-1070 Jul 22 j 12:08	17°♑44'40	8.67086 AU	
direct	-1070 Sep 28 j 19:21	14°♑25'55		
evening set	-1069 Jan 06 j 09:28	21°♑43'29		
conjunction	-1069 Jan 23 j 07:47	23°♑47'59	-1°04'15	
minimum elong	-1069 Jan 23 j 07:45	23°♑47'58	1°04'15	
max. Earth dist.	-1069 Jan 22 j 23:37	23°♑45'27	10.60558 AU	
morning rise	-1069 Feb 09 j 10:24	25°♑53'50		
	-1069 Mar 18 j 10:14	0°♒		
retrograde	-1069 May 25 j 23:12	3°♒37'21		
opposition	-1069 Aug 04 j 05:30	0°♒11'42	-1°35'55	
min. Earth dist.	-1069 Aug 04 j 11:31	0°♒10'32	8.53825 AU	
	-1069 Aug 06 j 17:55	30°℞♑		
direct	-1069 Oct 11 j 06:38	26°♑50'26		
	-1069 Dec 11 j 16:14	0°♒		
evening set	-1068 Jan 19 j 03:00	4°♒16'38		
conjunction	-1068 Feb 05 j 04:19	6°♒23'46	-1°29'53	
minimum elong	-1068 Feb 05 j 04:16	6°♒23'45	1°29'54	
max. Earth dist.	-1068 Feb 04 j 22:21	6°♒21'54	10.47093 AU	
morning rise	-1068 Feb 22 j 10:11	8°♒32'25		
	-1068 Apr 26 j 18:51	15°♒		
retrograde	-1068 Jun 07 j 17:56	16°♒27'10		
	-1068 Jul 20 j 08:24	15°℞♒		
opposition	-1068 Aug 16 j 13:40	12°♒59'57	-2°05'48	
min. Earth dist.	-1068 Aug 16 j 17:28	12°♒59'12	8.40399 AU	
direct	-1068 Oct 23 j 01:12	9°♒37'31		
	-1067 Jan 12 j 19:34	15°♒		
evening set	-1067 Jan 31 j 08:13	17°♒13'21		
conjunction	-1067 Feb 17 j 12:48	19°♒23'17	-1°51'42	
minimum elong	-1067 Feb 17 j 12:45	19°♒23'17	1°51'43	
max. Earth dist.	-1067 Feb 17 j 08:38	19°♒21'58	10.33782 AU	
morning rise	-1067 Mar 06 j 22:13	21°♒34'48		
retrograde	-1067 Jun 21 j 21:30	29°♒40'29		
opposition	-1067 Aug 30 j 04:54	26°♒11'53	-2°30'04	
min. Earth dist.	-1067 Aug 30 j 06:44	26°♒11'31	8.27479 AU	
direct	-1067 Nov 05 j 04:10	22°♒48'11		
	-1066 Feb 09 j 12:05	0°♓		
evening set	-1066 Feb 14 j 01:28	0°♓34'10		
conjunction	-1066 Mar 03 j 09:41	2°♓46'57	-2°08'08	
minimum elong	-1066 Mar 03 j 09:39	2°♓46'57	2°08'09	
max. Earth dist.	-1066 Mar 03 j 07:15	2°♓46'10	10.21324 AU	
morning rise	-1066 Mar 20 j 22:54	5°♓01'21		
retrograde	-1066 Jul 06 j 09:03	13°♓16'51		
opposition	-1066 Sep 13 j 02:57	9°♓47'07	-2°46'48	
min. Earth dist.	-1066 Sep 13 j 03:14	9°♓47'04	8.15766 AU	
direct	-1066 Nov 18 j 15:32	6°♓22'08		
evening set	-1065 Feb 28 j 06:28	14°♓18'07		
conjunction	-1065 Mar 17 j 18:40	16°♓33'42	-2°17'45	
minimum elong	-1065 Mar 17 j 18:39	16°♓33'41	2°17'45	
max. Earth dist.	-1065 Mar 17 j 18:39	16°♓33'41	10.10432 AU	
morning rise	-1065 Apr 04 j 11:42	18°♓50'48		
retrograde	-1065 Jul 21 j 02:51	27°♓14'10		
opposition	-1065 Sep 27 j 06:51	23°♓43'40	-2°54'16	
min. Earth dist.	-1065 Sep 27 j 05:23	23°♓43'58	8.05962 AU	
direct	-1065 Dec 02 j 12:03	20°♓17'26		
evening set	-1064 Mar 13 j 22:12	28°♓22'34		
	-1064 Mar 26 j 10:31	0°♈		
conjunction	-1064 Mar 31 j 14:46	0°♈40'42	-2°19'24	
minimum elong	-1064 Mar 31 j 14:47	0°♈40'42	2°19'25	
max. Earth dist.	-1064 Mar 31 j 17:41	0°♈41'39	10.01808 AU	
morning rise	-1064 Apr 18 j 11:33	3°♈00'11		
retrograde	-1064 Aug 03 j 23:39	11°♈28'39		
opposition	-1064 Oct 10 j 15:17	7°♈57'46	-2°51'16	
min. Earth dist.	-1064 Oct 10 j 11:48	7°♈58'29	7.98716 AU	
direct	-1064 Dec 15 j 17:43	4°♈30'25		
evening set	-1063 Mar 28 j 22:54	12°♈43'03		
conjunction	-1063 Apr 15 j 19:50	15°♈03'20	-2°12'31	
minimum elong	-1063 Apr 15 j 19:53	15°♈03'21	2°12'31	
max. Earth dist.	-1063 Apr 16 j 01:57	15°♈05'21	9.96038 AU	
morning rise	-1063 May 03 j 20:01	17°♈24'41		
retrograde	-1063 Aug 18 j 21:32	25°♈54'51		
opposition	-1063 Oct 25 j 02:28	22°♈24'00	-2°37'27	
min. Earth dist.	-1063 Oct 24 j 20:46	22°♈25'11	7.94523 AU	
direct	-1063 Dec 30 j 05:32	18°♈55'44		
evening set	-1062 Apr 13 j 05:59	27°♈13'37		
conjunction	-1062 May 01 j 06:48	29°♈35'25	-1°57'13	
minimum elong	-1062 May 01 j 06:51	29°♈35'26	1°57'13	
max. Earth dist.	-1062 May 01 j 15:50	29°♈38'24	9.93529 AU	
	-1062 May 04 j 09:20	0°♉		
morning rise	-1062 May 19 j 09:35	1°♉57'51		
retrograde	-1062 Sep 02 j 18:11	10°♉26'07		
opposition	-1062 Nov 08 j 14:18	6°♉55'45	-2°13'28	
min. Earth dist.	-1062 Nov 08 j 06:37	6°♉57'22	7.93689 AU	
direct	-1061 Jan 13 j 21:21	3°♉26'47		
evening set	-1061 Apr 28 j 16:07	11°♉47'13		
conjunction	-1061 May 16 j 19:49	14°♉09'40	-1°34'27	
minimum elong	-1061 May 16 j 19:53	14°♉09'41	1°34'26	
max. Earth dist.	-1061 May 17 j 07:00	14°♉13'20	9.94470 AU	
	-1061 May 23 j 04:50	15°♉		
morning rise	-1061 Jun 04 j 00:07	16°♉32'18		
retrograde	-1061 Sep 17 j 11:16	24°♉55'17		
opposition	-1061 Nov 23 j 00:52	21°♉25'47	-1°41'00	
min. Earth dist.	-1061 Nov 22 j 15:59	21°♉27'38	7.96286 AU	
direct	-1060 Jan 28 j 14:39	17°♉56'21		
evening set	-1060 May 13 j 01:46	26°♉16'29		
conjunction	-1060 May 31 j 06:57	28°♉38'37	-1°05'49	
minimum elong	-1060 May 31 j 07:00	28°♉38'38	1°05'48	
max. Earth dist.	-1060 May 31 j 19:11	28°♉42'37	9.98781 AU	
	-1060 Jun 10 j 16:06	0°♊		
morning rise	-1060 Jun 18 j 11:20	1°♊00'27		
retrograde	-1060 Sep 30 j 22:37	9°♊15'22		
opposition	-1060 Dec 06 j 08:04	5°♊47'04	-1°02'32	
min. Earth dist.	-1060 Dec 05 j 22:57	5°♊48'57	8.02100 AU	
direct	-1059 Feb 11 j 09:00	2°♊17'25		
evening set	-1059 May 28 j 07:47	10°♊34'40		
conjunction	-1059 Jun 15 j 12:41	12°♊55'28	-0°33'29	
minimum elong	-1059 Jun 15 j 12:42	12°♊55'28	0°33'28	
max. Earth dist.	-1059 Jun 16 j 00:38	12°♊59'20	10.06092 AU	
morning rise	-1059 Jul 03 j 15:28	15°♊15'34		

Attention, astronomical year style is used: The year -1059 in astronomical counting style is the year 1060 BCE in historical counting style.

retrograde	-1059 Oct 15 j 00:33	23°♊20'29	
opposition	-1059 Dec 20 j 10:15	19°♊53'36	-0°20'57
min. Earth dist.	-1059 Dec 20 j 01:53	19°♊55'20	8.10656 AU
direct	-1058 Feb 26 j 01:25	16°♊24'03	
evening set	-1058 Jun 12 j 07:01	24°♊36'15	
asc. node	-1058 Jun 27 j 02:08	26°♊29'17	
conjunction	-1058 Jun 30 j 09:51	26°♊54'52	0°00'19
minimum elong	-1058 Jun 30 j 09:51	26°♊54'52	0°00'19
behind sun begin	-1058 Jun 30 j 02:32	26°♊52'33	
behind sun end	-1058 Jun 30 j 17:10	26°♊57'12	
max. Earth dist.	-1058 Jun 30 j 20:14	26°♊58'11	10.15806 AU
morning rise	-1058 Jul 18 j 09:33	29°♊12'27	
	-1058 Jul 24 j 18:23	0°♋	
retrograde	-1058 Oct 28 j 16:52	7°♋06'35	
opposition	-1057 Jan 03 j 06:26	3°♋41'17	0°20'52
min. Earth dist.	-1057 Jan 02 j 23:04	3°♋42'47	8.21287 AU
direct	-1057 Mar 12 j 13:01	0°♋12'09	
evening set	-1057 Jun 26 j 21:08	8°♋17'46	
conjunction	-1057 Jul 14 j 20:29	10°♋33'36	0°33'21
minimum elong	-1057 Jul 14 j 20:27	10°♋33'35	0°33'22
max. Earth dist.	-1057 Jul 15 j 04:55	10°♋36'16	10.27218 AU
morning rise	-1057 Aug 01 j 15:52	12°♋48'08	
retrograde	-1057 Nov 11 j 00:24	20°♋31'30	
opposition	-1056 Jan 16 j 20:01	17°♋07'50	1°00'23
min. Earth dist.	-1056 Jan 16 j 13:26	17°♋09'09	8.33314 AU
direct	-1056 Mar 25 j 17:51	13°♋39'26	
evening set	-1056 Jul 10 j 01:12	21°♋37'27	
conjunction	-1056 Jul 27 j 20:00	23°♋50'08	1°03'48
minimum elong	-1056 Jul 27 j 19:57	23°♋50'07	1°03'48
max. Earth dist.	-1056 Jul 28 j 02:52	23°♋52'17	10.39701 AU
morning rise	-1056 Aug 14 j 10:08	26°♋01'20	
	-1056 Sep 18 j 15:06	0°♌	
retrograde	-1056 Nov 23 j 00:18	3°♌34'23	
opposition	-1055 Jan 29 j 02:49	0°♌12'17	1°35'34
min. Earth dist.	-1055 Jan 28 j 21:03	0°♌13'26	8.46141 AU
	-1055 Jan 31 j 16:57	30°℞♋	
direct	-1055 Apr 08 j 14:58	26°♋44'50	
	-1055 Jun 11 j 23:10	0°♌	
evening set	-1055 Jul 23 j 18:14	4°♌34'35	
conjunction	-1055 Aug 10 j 07:49	6°♌43'57	1°30'13
minimum elong	-1055 Aug 10 j 07:46	6°♌43'56	1°30'14
max. Earth dist.	-1055 Aug 10 j 13:28	6°♌45'42	10.52673 AU
morning rise	-1055 Aug 27 j 16:17	8°♌51'46	
	-1055 Oct 28 j 20:27	15°♌	
retrograde	-1055 Dec 05 j 15:32	16°♌15'18	
	-1054 Jan 13 j 05:07	15°℞♌	
opposition	-1054 Feb 11 j 03:15	12°♌54'38	2°04'56
min. Earth dist.	-1054 Feb 10 j 22:47	12°♌55'31	8.59176 AU
direct	-1054 Apr 22 j 04:42	9°♌28'17	
	-1054 Jul 18 j 07:41	15°♌	
evening set	-1054 Aug 05 j 23:48	17°♌09'26	
conjunction	-1054 Aug 23 j 07:57	19°♌15'32	1°51'37
minimum elong	-1054 Aug 23 j 07:54	19°♌15'31	1°51'38
max. Earth dist.	-1054 Aug 23 j 12:10	19°♌16'49	10.65538 AU
morning rise	-1054 Sep 09 j 10:54	21°♌20'07	
retrograde	-1054 Dec 17 j 23:45	28°♌35'12	
opposition	-1053 Feb 23 j 21:29	25°♌15'48	2°27'35
min. Earth dist.	-1053 Feb 23 j 19:09	25°♌16'15	8.71823 AU
direct	-1053 May 05 j 10:08	21°♌50'36	
evening set	-1053 Aug 18 j 18:32	29°♌23'15	
	-1053 Aug 23 j 22:16	0°♍	
conjunction	-1053 Sep 04 j 21:24	1°♍26'21	2°07'24
minimum elong	-1053 Sep 04 j 21:22	1°♍26'20	2°07'25
max. Earth dist.	-1053 Sep 04 j 23:00	1°♍26'49	10.77724 AU
morning rise	-1053 Sep 21 j 19:27	3°♍28'00	
retrograde	-1053 Dec 30 j 00:31	10°♍35'49	
opposition	-1052 Mar 07 j 09:50	7°♍17'28	2°43'05
min. Earth dist.	-1052 Mar 07 j 09:30	7°♍17'32	8.83523 AU
direct	-1052 May 17 j 07:29	3°♍53'27	
evening set	-1052 Aug 30 j 03:04	11°♍18'02	
conjunction	-1052 Sep 16 j 01:14	13°♍18'29	2°17'19
minimum elong	-1052 Sep 16 j 01:13	13°♍18'29	2°17'19
max. Earth dist.	-1052 Sep 16 j 00:18	13°♍18'12	10.88721 AU
morning rise	-1052 Oct 02 j 19:09	15°♍17'40	
retrograde	-1051 Jan 09 j 19:40	22°♍19'39	
opposition	-1051 Mar 19 j 17:23	19°♍02'03	2°51'19
min. Earth dist.	-1051 Mar 19 j 18:16	19°♍01'53	8.93792 AU
direct	-1051 May 29 j 23:55	15°♍39'12	
evening set	-1051 Sep 11 j 02:19	22°♍56'22	
conjunction	-1051 Sep 27 j 20:42	24°♍54'39	2°21'20
minimum elong	-1051 Sep 27 j 20:41	24°♍54'39	2°21'20
max. Earth dist.	-1051 Sep 27 j 18:27	24°♍53'59	10.98094 AU
morning rise	-1051 Oct 14 j 11:15	26°♍51'50	
	-1051 Nov 12 j 07:59	0°♎	
retrograde	-1050 Jan 21 j 13:17	3°♎49'27	
opposition	-1050 Mar 31 j 20:55	0°♎32'22	2°52'29
min. Earth dist.	-1050 Mar 31 j 22:42	0°♎32'02	9.02238 AU
	-1050 Apr 08 j 03:28	30°℞♍	
direct	-1050 Jun 11 j 08:12	27°♍10'40	
	-1050 Aug 11 j 12:57	0°♎	
evening set	-1050 Sep 22 j 18:01	4°♎21'16	
conjunction	-1050 Oct 09 j 09:32	6°♎17'55	2°19'39
minimum elong	-1050 Oct 09 j 09:33	6°♎17'55	2°19'38
max. Earth dist.	-1050 Oct 09 j 06:24	6°♎17'00	11.05501 AU
morning rise	-1050 Oct 25 j 21:41	8°♎13'40	
retrograde	-1049 Feb 02 j 02:59	15°♎08'22	
opposition	-1049 Apr 12 j 21:18	11°♎51'34	2°46'55
min. Earth dist.	-1049 Apr 13 j 00:51	11°♎50'54	9.08569 AU
direct	-1049 Jun 23 j 08:57	8°♎30'53	
evening set	-1049 Oct 04 j 03:49	15°♎36'05	
conjunction	-1049 Oct 20 j 17:12	17°♎31'37	2°12'35
minimum elong	-1049 Oct 20 j 17:14	17°♎31'37	2°12'34
max. Earth dist.	-1049 Oct 20 j 12:02	17°♎30'06	11.10694 AU
morning rise	-1049 Nov 06 j 04:07	19°♎26'29	
retrograde	-1048 Feb 13 j 16:07	26°♎19'49	
opposition	-1048 Apr 23 j 19:51	23°♎03'05	2°35'04
min. Earth dist.	-1048 Apr 24 j 01:19	23°♎02'05	9.12571 AU
direct	-1048 Jul 04 j 07:36	19°♎43'17	
evening set	-1048 Oct 14 j 09:18	26°♎44'19	
conjunction	-1048 Oct 30 j 21:24	28°♎39'16	2°00'31
minimum elong	-1048 Oct 30 j 21:26	28°♎39'16	2°00'31
max. Earth dist.	-1048 Oct 30 j 14:14	28°♎37'10	11.13500 AU
	-1048 Nov 11 j 10:37	0°♏	
morning rise	-1048 Nov 16 j 08:02	0°♏33'47	
retrograde	-1047 Feb 24 j 04:51	7°♏27'22	
opposition	-1047 May 05 j 17:32	4°♏10'25	2°17'30
min. Earth dist.	-1047 May 05 j 23:53	4°♏09'15	9.14112 AU
direct	-1047 Jul 16 j 02:06	0°♏51'23	
evening set	-1047 Oct 25 j 12:16	7°♏49'36	
conjunction	-1047 Nov 11 j 00:07	9°♏44'27	1°43'58
minimum elong	-1047 Nov 11 j 00:09	9°♏44'28	1°43'58
max. Earth dist.	-1047 Nov 10 j 16:36	9°♏42'15	11.13825 AU

Attention, astronomical year style is used: The year -1047 in astronomical counting style is the year 1048 BCE in historical counting style.

morning rise	-1047 Nov 27 j 11:10	11°♏39'09	
	-1047 Dec 28 j 23:04	15°♏	
retrograde	-1046 Mar 07 j 21:14	18°♏34'35	
opposition	-1046 May 17 j 15:26	15°♏17'10	1°54'48
min. Earth dist.	-1046 May 17 j 21:55	15°♏15'59	9.13139 AU
	-1046 May 21 j 13:15	15°℞♏	
direct	-1046 Jul 27 j 19:23	11°♏58'42	
	-1046 Sep 28 j 20:57	15°♏	
evening set	-1046 Nov 05 j 14:36	18°♏55'32	
conjunction	-1046 Nov 22 j 02:52	20°♏50'48	1°23'27
minimum elong	-1046 Nov 22 j 02:55	20°♏50'49	1°23'26
max. Earth dist.	-1046 Nov 21 j 19:04	20°♏48'31	11.11642 AU
morning rise	-1046 Dec 08 j 15:04	22°♏46'09	
retrograde	-1045 Mar 19 j 16:58	29°♏44'59	
opposition	-1045 May 29 j 14:48	26°♏26'55	1°27'41
min. Earth dist.	-1045 May 29 j 21:49	26°♏25'37	9.09672 AU
direct	-1045 Aug 08 j 10:02	23°♏08'48	
	-1045 Nov 15 j 22:11	0°♐	
evening set	-1045 Nov 16 j 18:18	0°♐05'47	
conjunction	-1045 Dec 03 j 07:22	2°♐01'53	0°59'39
minimum elong	-1045 Dec 03 j 07:24	2°♐01'53	0°59'37
max. Earth dist.	-1045 Dec 02 j 22:19	1°♐59'13	11.07014 AU
morning rise	-1045 Dec 19 j 21:25	3°♐58'20	
retrograde	-1044 Mar 30 j 15:28	11°♐02'10	
opposition	-1044 Jun 09 j 16:47	7°♐43'12	0°56'56
min. Earth dist.	-1044 Jun 10 j 00:49	7°♐41'43	9.03832 AU
direct	-1044 Aug 19 j 01:49	4°♐25'10	
evening set	-1044 Nov 27 j 01:07	11°♐23'56	
conjunction	-1044 Dec 13 j 15:32	13°♐21'15	0°33'15
minimum elong	-1044 Dec 13 j 15:33	13°♐21'16	0°33'14
max. Earth dist.	-1044 Dec 13 j 05:58	13°♐18'25	11.00108 AU
morning rise	-1044 Dec 30 j 07:57	15°♐19'12	
retrograde	-1043 Apr 11 j 21:25	22°♐29'36	
opposition	-1043 Jun 21 j 22:25	19°♐09'31	0°23'27
min. Earth dist.	-1043 Jun 22 j 06:27	19°♐08'01	8.95834 AU
direct	-1043 Aug 30 j 21:18	15°♐51'20	
evening set	-1043 Dec 08 j 12:41	22°♐53'24	
conjunction	-1043 Dec 25 j 05:03	24°♐52'22	0°05'10
minimum elong	-1043 Dec 25 j 05:03	24°♐52'22	0°05'09
behind sun begin	-1043 Dec 24 j 22:16	24°♐50'22	
behind sun end	-1043 Dec 25 j 11:50	24°♐54'23	
max. Earth dist.	-1043 Dec 24 j 20:22	24°♐49'47	10.91155 AU
morning rise	-1042 Jan 11 j 00:03	26°♐52'11	
	-1042 Feb 08 j 09:55	0°♑	
desc. node	-1042 Mar 02 j 01:49	1°♑57'35	
retrograde	-1042 Apr 24 j 09:45	4°♑10'33	
opposition	-1042 Jul 04 j 08:33	0°♑49'10	-0°11'41
min. Earth dist.	-1042 Jul 04 j 15:38	0°♑47'50	8.85952 AU
	-1042 Jul 15 j 09:47	30°℞♐	
direct	-1042 Sep 11 j 18:38	27°♐30'36	
	-1042 Nov 06 j 02:35	0°♑	
evening set	-1042 Dec 20 j 07:08	4°♑37'36	
conjunction	-1041 Jan 06 j 01:42	6°♑38'31	-0°23'48
minimum elong	-1041 Jan 06 j 01:41	6°♑38'30	0°23'48
max. Earth dist.	-1041 Jan 05 j 17:58	6°♑36'11	10.80469 AU
morning rise	-1041 Jan 22 j 23:29	8°♑40'29	
retrograde	-1041 May 07 j 06:41	16°♑08'04	
opposition	-1041 Jul 17 j 00:02	12°♑45'16	-0°47'11
min. Earth dist.	-1041 Jul 17 j 06:01	12°♑44'08	8.74549 AU
direct	-1041 Sep 23 j 21:00	9°♑26'03	
evening set	-1040 Jan 01 j 09:57	16°♑39'31	

conjunction	-1040 Jan 18 j 06:51	18°♑42'39	-0°52'16
minimum elong	-1040 Jan 18 j 06:49	18°♑42'38	0°52'16
max. Earth dist.	-1040 Jan 17 j 23:16	18°♑40'20	10.68462 AU
morning rise	-1040 Feb 04 j 07:47	20°♑47'04	
retrograde	-1040 May 19 j 12:47	28°♑24'50	
opposition	-1040 Jul 28 j 21:57	25°♑00'32	-1°21'35
min. Earth dist.	-1040 Jul 29 j 03:22	24°♑59'30	8.62073 AU
direct	-1040 Oct 05 j 04:11	21°♑40'26	
evening set	-1039 Jan 12 j 22:22	29°♑01'41	
	-1039 Jan 20 j 20:46	0°♒	
conjunction	-1039 Jan 29 j 21:58	1°♒07'18	-1°19'02
minimum elong	-1039 Jan 29 j 21:55	1°♒07'17	1°19'02
max. Earth dist.	-1039 Jan 29 j 14:59	1°♒05'08	10.55606 AU
morning rise	-1039 Feb 16 j 02:17	3°♒14'22	
retrograde	-1039 Jun 02 j 01:54	11°♒02'55	
opposition	-1039 Aug 11 j 02:31	7°♒37'05	-1°53'09
min. Earth dist.	-1039 Aug 11 j 07:21	7°♒36'09	8.49013 AU
direct	-1039 Oct 17 j 19:18	4°♒15'51	
evening set	-1038 Jan 25 j 21:45	11°♒46'07	
conjunction	-1038 Feb 12 j 00:33	13°♒54'24	-1°42'38
minimum elong	-1038 Feb 12 j 00:30	13°♒54'23	1°42'38
max. Earth dist.	-1038 Feb 11 j 18:56	13°♒52'38	10.42403 AU
	-1038 Feb 20 j 17:25	15°♒	
morning rise	-1038 Mar 01 j 08:17	16°♒04'15	
retrograde	-1038 Jun 15 j 23:40	24°♒03'42	
opposition	-1038 Aug 24 j 13:46	20°♒36'26	-2°20'00
min. Earth dist.	-1038 Aug 24 j 17:31	20°♒35'41	8.35902 AU
direct	-1038 Oct 30 j 19:12	17°♒13'57	
evening set	-1037 Feb 08 j 08:47	24°♒54'04	
conjunction	-1037 Feb 25 j 15:10	27°♒05'11	-2°01'33
minimum elong	-1037 Feb 25 j 15:07	27°♒05'10	2°01'34
max. Earth dist.	-1037 Feb 25 j 11:53	27°♒04'08	10.29458 AU
morning rise	-1037 Mar 15 j 02:25	29°♒17'53	
	-1037 Mar 20 j 18:31	0°♓	
retrograde	-1037 Jun 30 j 06:55	7°♓27'45	
opposition	-1037 Sep 07 j 08:00	3°♓59'10	-2°40'13
min. Earth dist.	-1037 Sep 07 j 09:38	3°♓58'51	8.23427 AU
direct	-1037 Nov 13 j 02:16	0°♓35'23	
evening set	-1036 Feb 22 j 07:33	8°♓25'35	
conjunction	-1036 Mar 10 j 17:52	10°♓39'33	-2°14'18
minimum elong	-1036 Mar 10 j 17:51	10°♓39'33	2°14'19
max. Earth dist.	-1036 Mar 10 j 17:03	10°♓39'17	10.17547 AU
morning rise	-1036 Mar 28 j 08:50	12°♓55'04	
retrograde	-1036 Jul 13 j 21:44	21°♓13'52	
opposition	-1036 Sep 20 j 08:35	17°♓44'13	-2°51'58
min. Earth dist.	-1036 Sep 20 j 07:56	17°♓44'20	8.12383 AU
direct	-1036 Nov 25 j 17:25	14°♓19'03	
evening set	-1035 Mar 07 j 17:50	22°♓18'54	
conjunction	-1035 Mar 25 j 08:20	24°♓35'34	-2°19'37
minimum elong	-1035 Mar 25 j 08:20	24°♓35'34	2°19'37
max. Earth dist.	-1035 Mar 25 j 09:52	24°♓36'04	10.07467 AU
morning rise	-1035 Apr 12 j 03:08	26°♓53'40	
	-1035 May 07 j 15:28	0°♈	
retrograde	-1035 Jul 28 j 16:58	5°♈18'58	
opposition	-1035 Oct 04 j 14:13	1°♈48'35	-2°53'47
min. Earth dist.	-1035 Oct 04 j 11:42	1°♈49'05	8.03508 AU
	-1035 Oct 27 j 19:01	30°℞♓	
direct	-1035 Dec 09 j 17:54	28°♓22'03	
	-1034 Jan 20 j 21:47	0°♈	
evening set	-1034 Mar 22 j 13:56	6°♈30'20	
conjunction	-1034 Apr 09 j 08:44	8°♈49'24	-2°16'38

Attention, astronomical year style is used: The year -1034 in astronomical counting style is the year 1035 BCE in historical counting style.

minimum elong	-1034 Apr 09 j 08:46	8°♈49'25	2°16'38
max. Earth dist.	-1034 Apr 09 j 12:24	8°♈50'36	9.99900 AU
morning rise	-1034 Apr 27 j 07:12	11°♈09'40	
retrograde	-1034 Aug 12 j 14:00	19°♈38'22	
opposition	-1034 Oct 18 j 23:34	16°♈07'38	-2°44'54
min. Earth dist.	-1034 Oct 18 j 19:35	16°♈08'27	7.97402 AU
direct	-1034 Dec 24 j 01:45	12°♈39'53	
evening set	-1033 Apr 06 j 17:20	20°♈54'36	
conjunction	-1033 Apr 24 j 16:11	23°♈15'32	-2°05'08
minimum elong	-1033 Apr 24 j 16:15	23°♈15'33	2°05'08
max. Earth dist.	-1033 Apr 24 j 21:55	23°♈17'25	9.95365 AU
morning rise	-1033 May 12 j 17:49	25°♈37'20	
	-1033 Jun 18 j 10:32	0°♉	
retrograde	-1033 Aug 27 j 10:45	4°♉05'58	
opposition	-1033 Nov 02 j 10:37	0°♉35'20	-2°25'30
min. Earth dist.	-1033 Nov 02 j 05:26	0°♉36'25	7.94483 AU
	-1033 Nov 09 j 12:55	30°℞♈	
direct	-1032 Jan 07 j 15:16	27°♈06'32	
	-1032 Mar 04 j 19:53	0°♉	
evening set	-1032 Apr 21 j 01:25	5°♉25'16	
conjunction	-1032 May 09 j 03:43	7°♉47'20	-1°45'40
minimum elong	-1032 May 09 j 03:46	7°♉47'21	1°45'40
max. Earth dist.	-1032 May 09 j 11:21	7°♉49'51	9.94171 AU
morning rise	-1032 May 27 j 07:34	10°♉09'51	
	-1032 Jul 07 j 11:28	15°♉	
retrograde	-1032 Sep 10 j 04:38	18°♉34'55	
opposition	-1032 Nov 15 j 21:08	15°♉04'48	-1°56'46
min. Earth dist.	-1032 Nov 15 j 14:44	15°♉06'08	7.94946 AU
	-1032 Nov 16 j 20:08	15°℞♉	
direct	-1031 Jan 21 j 08:15	11°♉35'13	
	-1031 Mar 25 j 05:48	15°♉	
evening set	-1031 May 06 j 10:51	19°♉55'15	
conjunction	-1031 May 24 j 15:26	22°♉17'33	-1°19'34
minimum elong	-1031 May 24 j 15:29	22°♉17'34	1°19'34
max. Earth dist.	-1031 May 25 j 00:38	22°♉20'34	9.96373 AU
morning rise	-1031 Jun 11 j 20:08	24°♉39'50	
	-1031 Jul 28 j 09:19	0°♊	
retrograde	-1031 Sep 24 j 17:26	2°♊58'21	
	-1031 Nov 24 j 00:17	30°℞♉	
opposition	-1031 Nov 30 j 05:23	29°♉29'07	-1°20'49
min. Earth dist.	-1031 Nov 29 j 21:50	29°♉30'41	7.98731 AU
direct	-1030 Feb 05 j 02:59	25°♉59'06	
	-1030 Apr 15 j 08:47	0°♊	
evening set	-1030 May 21 j 18:07	4°♊17'44	
conjunction	-1030 Jun 08 j 23:21	6°♊39'15	-0°48'43
minimum elong	-1030 Jun 08 j 23:24	6°♊39'16	0°48'42
max. Earth dist.	-1030 Jun 09 j 09:40	6°♊42'37	10.01783 AU
morning rise	-1030 Jun 27 j 03:13	9°♊00'19	
retrograde	-1030 Oct 08 j 22:30	17°♊10'01	
opposition	-1030 Dec 14 j 09:32	13°♊41'59	-0°40'22
min. Earth dist.	-1030 Dec 14 j 01:10	13°♊43'43	8.05559 AU
direct	-1029 Feb 19 j 19:55	10°♊11'53	
evening set	-1029 Jun 05 j 20:14	18°♊26'42	
conjunction	-1029 Jun 24 j 00:24	20°♊46'32	-0°15'23
minimum elong	-1029 Jun 24 j 00:25	20°♊46'32	0°15'22
behind sun begin	-1029 Jun 23 j 22:44	20°♊46'00	
behind sun end	-1029 Jun 24 j 02:06	20°♊47'04	
max. Earth dist.	-1029 Jun 24 j 11:13	20°♊50'00	10.10015 AU
morning rise	-1029 Jul 12 j 01:48	23°♊05'28	
	-1029 Sep 18 j 11:32	0°♋	
retrograde	-1029 Oct 22 j 19:35	1°♋04'57	
	-1029 Nov 26 j 12:34	30°℞♊	
asc. node	-1029 Dec 13 j 07:25	28°♊50'41	
opposition	-1029 Dec 28 j 08:15	27°♊38'22	0°01'40
min. Earth dist.	-1029 Dec 27 j 23:50	27°♊40'05	8.14971 AU
direct	-1028 Mar 05 j 08:21	24°♊08'30	
	-1028 May 31 j 15:40	0°♋	
evening set	-1028 Jun 19 j 14:39	2°♋17'34	
conjunction	-1028 Jul 07 j 16:03	4°♋34'55	0°18'17
minimum elong	-1028 Jul 07 j 16:03	4°♋34'54	0°18'18
max. Earth dist.	-1028 Jul 08 j 02:31	4°♋38'14	10.20516 AU
morning rise	-1028 Jul 25 j 13:34	6°♋51'02	
retrograde	-1028 Nov 04 j 08:31	14°♋39'43	
opposition	-1027 Jan 10 j 00:49	11°♋14'43	0°42'32
min. Earth dist.	-1027 Jan 09 j 17:21	11°♋16'14	8.26357 AU
direct	-1027 Mar 19 j 14:57	7°♋45'26	
evening set	-1027 Jul 03 j 23:30	15°♋47'18	
conjunction	-1027 Jul 21 j 20:40	18°♋01'37	0°50'06
minimum elong	-1027 Jul 21 j 20:37	18°♋01'37	0°50'08
max. Earth dist.	-1027 Jul 22 j 05:36	18°♋04'26	10.32632 AU
morning rise	-1027 Aug 08 j 13:16	20°♋14'30	
retrograde	-1027 Nov 17 j 12:26	27°♋52'29	
opposition	-1026 Jan 23 j 10:44	24°♋29'09	1°19'55
min. Earth dist.	-1026 Jan 23 j 04:34	24°♋30'23	8.39048 AU
direct	-1026 Apr 02 j 15:20	21°♋00'44	
evening set	-1026 Jul 17 j 21:30	28°♋54'30	
	-1026 Jul 26 j 18:37	0°♌	
conjunction	-1026 Aug 04 j 13:32	1°♌05'30	1°18'32
minimum elong	-1026 Aug 04 j 13:29	1°♌05'29	1°18'33
max. Earth dist.	-1026 Aug 04 j 20:21	1°♌07'37	10.45688 AU
morning rise	-1026 Aug 22 j 00:45	3°♌14'59	
retrograde	-1026 Nov 30 j 05:18	10°♌42'53	
opposition	-1025 Feb 05 j 13:51	7°♌21'10	1°52'06
min. Earth dist.	-1025 Feb 05 j 08:53	7°♌22'09	8.52359 AU
direct	-1025 Apr 16 j 09:46	3°♌53'53	
evening set	-1025 Jul 31 j 08:03	11°♌39'06	
conjunction	-1025 Aug 17 j 18:42	13°♌46'44	1°42'20
minimum elong	-1025 Aug 17 j 18:38	13°♌46'43	1°42'21
max. Earth dist.	-1025 Aug 17 j 23:25	13°♌48'12	10.59006 AU
	-1025 Aug 27 j 17:50	15°♌	
morning rise	-1025 Sep 04 j 00:25	15°♌52'51	
retrograde	-1025 Dec 12 j 16:16	23°♌11'44	
opposition	-1024 Feb 18 j 10:30	19°♌51'30	2°17'55
min. Earth dist.	-1024 Feb 18 j 06:19	19°♌52'19	8.65604 AU
direct	-1024 Apr 28 j 19:15	16°♌25'31	
evening set	-1024 Aug 12 j 07:37	24°♌02'07	
conjunction	-1024 Aug 29 j 12:57	26°♌06'35	2°00'45
minimum elong	-1024 Aug 29 j 12:54	26°♌06'35	2°00'46
max. Earth dist.	-1024 Aug 29 j 16:21	26°♌07'37	10.71935 AU
morning rise	-1024 Sep 15 j 13:20	28°♌09'35	
	-1024 Oct 01 j 12:13	0°♍	
retrograde	-1024 Dec 23 j 21:26	5°♍20'36	
opposition	-1023 Mar 02 j 01:17	2°♍01'41	2°36'43
min. Earth dist.	-1023 Mar 01 j 22:25	2°♍02'14	8.78164 AU
	-1023 Mar 30 j 12:10	30°℞♌	
direct	-1023 May 11 j 19:30	28°♌37'06	
	-1023 Jun 22 j 12:13	0°♍	
evening set	-1023 Aug 24 j 20:40	6°♍05'21	
conjunction	-1023 Sep 10 j 21:08	8°♍07'00	2°13'22
minimum elong	-1023 Sep 10 j 21:06	8°♍06'59	2°13'22
max. Earth dist.	-1023 Sep 10 j 23:12	8°♍07'37	10.83904 AU
morning rise	-1023 Sep 27 j 16:47	10°♍07'16	
retrograde	-1022 Jan 04 j 19:56	17°♍11'46	

Attention, astronomical year style is used: The year -1022 in astronomical counting style is the year 1023 BCE in historical counting style.

opposition	-1022 Mar 14 j 11:05	13°♑53'57	2°48'16
min. Earth dist.	-1022 Mar 14 j 10:14	13°♑54'06	8.89513 AU
direct	-1022 May 24 j 13:06	10°♑30'45	
evening set	-1022 Sep 06 j 00:10	17°♑51'13	
conjunction	-1022 Sep 22 j 20:18	19°♑50'26	2°20'05
minimum elong	-1022 Sep 22 j 20:17	19°♑50'26	2°20'04
max. Earth dist.	-1022 Sep 22 j 20:06	19°♑50'22	10.94432 AU
morning rise	-1022 Oct 09 j 12:16	21°♑48'28	
retrograde	-1021 Jan 16 j 14:15	28°♑47'53	
opposition	-1021 Mar 26 j 16:30	25°♑30'53	2°52'38
min. Earth dist.	-1021 Mar 26 j 17:56	25°♑30'37	8.99195 AU
direct	-1021 Jun 06 j 00:01	22°♑08'59	
evening set	-1021 Sep 17 j 19:36	29°♑22'29	
	-1021 Sep 23 j 04:50	0°♎	
conjunction	-1021 Oct 04 j 12:15	1°♎19'48	2°20'59
minimum elong	-1021 Oct 04 j 12:15	1°♎19'48	2°20'58
max. Earth dist.	-1021 Oct 04 j 09:17	1°♎18'55	11.03111 AU
morning rise	-1021 Oct 21 j 01:32	3°♎16'07	
retrograde	-1020 Jan 28 j 04:18	10°♎11'53	
opposition	-1020 Apr 06 j 18:18	6°♎55'24	2°50'05
min. Earth dist.	-1020 Apr 06 j 21:07	6°♎54'53	9.06833 AU
direct	-1020 Jun 17 j 05:22	3°♎34'41	
evening set	-1020 Sep 28 j 08:16	10°♎42'13	
conjunction	-1020 Oct 14 j 22:29	12°♎38'09	2°16'20
minimum elong	-1020 Oct 14 j 22:30	12°♎38'09	2°16'20
max. Earth dist.	-1020 Oct 14 j 18:10	12°♎36'53	11.09609 AU
morning rise	-1020 Oct 31 j 09:56	14°♎33'18	
retrograde	-1019 Feb 07 j 19:11	21°♎26'58	
opposition	-1019 Apr 18 j 17:52	18°♎10'42	2°41'03
min. Earth dist.	-1019 Apr 18 j 21:40	18°♎10'00	9.12124 AU
direct	-1019 Jun 29 j 06:42	14°♎51'01	
evening set	-1019 Oct 09 j 15:42	21°♎53'41	
conjunction	-1019 Oct 26 j 04:26	23°♎48'47	2°06'31
minimum elong	-1019 Oct 26 j 04:28	23°♎48'47	2°06'30
max. Earth dist.	-1019 Oct 25 j 23:04	23°♎47'13	11.13650 AU
morning rise	-1019 Nov 11 j 14:58	25°♎43'19	
	-1019 Dec 23 j 11:23	0°♏	
retrograde	-1018 Feb 19 j 08:49	2°♏36'27	
	-1018 Apr 21 j 12:50	30°℞♎	
opposition	-1018 Apr 30 j 16:06	29°♎20'06	2°26'03
min. Earth dist.	-1018 Apr 30 j 21:32	29°♎19'06	9.14834 AU
direct	-1018 Jul 11 j 01:37	26°♎01'14	
	-1018 Sep 22 j 19:16	0°♏	
evening set	-1018 Oct 20 j 20:04	3°♏00'27	
conjunction	-1018 Nov 06 j 07:58	4°♏55'14	1°51'57
minimum elong	-1018 Nov 06 j 08:00	4°♏55'14	1°51'57
max. Earth dist.	-1018 Nov 06 j 00:20	4°♏53'00	11.15039 AU
morning rise	-1018 Nov 22 j 18:40	6°♏49'43	
retrograde	-1017 Mar 02 j 23:11	13°♏43'58	
opposition	-1017 May 12 j 13:57	10°♏27'16	2°05'38
min. Earth dist.	-1017 May 12 j 21:38	10°♏25'52	9.14829 AU
direct	-1017 Jul 22 j 19:06	7°♏08'58	
evening set	-1017 Oct 31 j 22:59	14°♏06'17	
	-1017 Nov 08 j 17:08	15°♏	
conjunction	-1017 Nov 17 j 10:50	16°♏01'15	1°33'11
minimum elong	-1017 Nov 17 j 10:52	16°♏01'16	1°33'11
max. Earth dist.	-1017 Nov 17 j 01:10	15°♏58'26	11.13721 AU
morning rise	-1017 Dec 03 j 22:31	17°♏56'13	
retrograde	-1016 Mar 13 j 16:20	24°♏53'16	
opposition	-1016 May 23 j 12:56	21°♏35'55	1°40'28
min. Earth dist.	-1016 May 23 j 21:35	21°♏34'20	9.12136 AU
direct	-1016 Aug 02 j 11:43	18°♏17'57	
evening set	-1016 Nov 11 j 02:06	25°♏14'49	
conjunction	-1016 Nov 27 j 14:43	27°♏10'28	1°10'49
minimum elong	-1016 Nov 27 j 14:45	27°♏10'29	1°10'48
max. Earth dist.	-1016 Nov 27 j 04:50	27°♏07'34	11.09784 AU
morning rise	-1016 Dec 14 j 03:52	29°♏06'21	
	-1016 Dec 22 j 00:51	0°♐	
retrograde	-1015 Mar 25 j 14:03	6°♐07'52	
opposition	-1015 Jun 04 j 13:59	2°♐49'32	1°11'17
min. Earth dist.	-1015 Jun 04 j 22:27	2°♐47'59	9.06904 AU
	-1015 Jul 20 j 19:08	30°℞♏	
direct	-1015 Aug 14 j 04:56	29°♏31'38	
	-1015 Sep 07 j 05:03	0°♐	
evening set	-1015 Nov 22 j 07:34	6°♐29'36	
conjunction	-1015 Dec 08 j 21:28	8°♐26'23	0°45'30
minimum elong	-1015 Dec 08 j 21:30	8°♐26'23	0°45'29
max. Earth dist.	-1015 Dec 08 j 11:43	8°♐23'30	11.03405 AU
morning rise	-1015 Dec 25 j 12:39	10°♐23'37	
retrograde	-1014 Apr 06 j 18:26	17°♐31'04	
opposition	-1014 Jun 16 j 18:01	14°♐11'32	0°38'56
min. Earth dist.	-1014 Jun 17 j 02:28	14°♐09'58	8.99353 AU
direct	-1014 Aug 25 j 22:21	10°♐53'25	
evening set	-1014 Dec 03 j 17:07	17°♐54'04	
conjunction	-1014 Dec 20 j 08:35	19°♐52'20	0°18'04
minimum elong	-1014 Dec 20 j 08:36	19°♐52'20	0°18'03
max. Earth dist.	-1014 Dec 19 j 22:04	19°♐49'13	10.94834 AU
morning rise	-1013 Jan 06 j 02:21	21°♐51'21	
retrograde	-1013 Apr 19 j 02:52	29°♐06'11	
opposition	-1013 Jun 29 j 02:17	25°♐45'16	0°04'25
min. Earth dist.	-1013 Jun 29 j 11:02	25°♐43'37	8.89770 AU
desc. node	-1013 Aug 15 j 07:25	22°♐51'35	
direct	-1013 Sep 06 j 17:13	22°♐26'38	
evening set	-1013 Dec 15 j 08:22	29°♐31'38	
	-1013 Dec 19 j 08:13	0°♑	
conjunction	-1012 Jan 01 j 01:46	1°♑31'43	-0°10'40
minimum elong	-1012 Jan 01 j 01:45	1°♑31'43	0°10'41
behind sun begin	-1013 Dec 31 j 20:18	1°♑30'06	
behind sun end	-1012 Jan 01 j 07:12	1°♑33'21	
max. Earth dist.	-1013 Dec 31 j 15:14	1°♑28'34	10.84390 AU
morning rise	-1012 Jan 17 j 22:24	3°♑32'48	
retrograde	-1012 Apr 30 j 19:02	10°♑56'28	
opposition	-1012 Jul 10 j 15:37	7°♑33'59	-0°31'07
min. Earth dist.	-1012 Jul 11 j 00:05	7°♑32'24	8.78524 AU
direct	-1012 Sep 17 j 19:08	4°♑14'38	
evening set	-1012 Dec 26 j 07:12	11°♑25'31	
conjunction	-1011 Jan 12 j 03:02	13°♑27'47	-0°39'28
minimum elong	-1011 Jan 12 j 03:00	13°♑27'47	0°39'29
max. Earth dist.	-1011 Jan 11 j 18:01	13°♑25'02	10.72473 AU
morning rise	-1011 Jan 29 j 02:38	15°♑31'15	
retrograde	-1011 May 13 j 20:41	23°♑04'52	
opposition	-1011 Jul 23 j 10:43	19°♑40'44	-1°06'15
min. Earth dist.	-1011 Jul 23 j 17:44	19°♑39'24	8.66058 AU
direct	-1011 Sep 30 j 00:42	16°♑20'29	
evening set	-1010 Jan 07 j 15:09	23°♑38'44	
conjunction	-1010 Jan 24 j 13:43	25°♑43'25	-1°07'12
minimum elong	-1010 Jan 24 j 13:41	25°♑43'24	1°07'13
max. Earth dist.	-1010 Jan 24 j 06:28	25°♑41'11	10.59557 AU
morning rise	-1010 Feb 10 j 16:27	27°♑49'29	
	-1010 Mar 01 j 06:47	0°♒	
retrograde	-1010 May 27 j 06:54	5°♒33'52	
opposition	-1010 Aug 05 j 12:21	2°♒08'06	-1°39'22

Attention, astronomical year style is used: The year -1010 in astronomical counting style is the year 1011 BCE in historical counting style.

min. Earth dist.	-1010 Aug 05 j 17:27	2°♒07'07	8.52878 AU
	-1010 Sep 04 j 08:17	30°♑℞	
direct	-1010 Oct 12 j 12:06	28°♑46'47	
	-1010 Nov 18 j 17:51	0°♒	
evening set	-1009 Jan 20 j 09:42	6°♒13'41	
conjunction	-1009 Feb 06 j 11:09	8°♒21'00	-1°32'27
minimum elong	-1009 Feb 06 j 11:06	8°♒20'59	1°32'28
max. Earth dist.	-1009 Feb 06 j 05:15	8°♒19'09	10.46196 AU
morning rise	-1009 Feb 23 j 17:14	10°♒29'49	
	-1009 Apr 05 j 02:56	15°♒	
retrograde	-1009 Jun 10 j 02:17	18°♒25'18	
opposition	-1009 Aug 18 j 20:55	14°♒57'59	-2°08'40
	-1009 Aug 18 j 10:42	15°♑♒	
min. Earth dist.	-1009 Aug 19 j 00:23	14°♒57'18	8.39578 AU
direct	-1009 Oct 25 j 07:30	11°♒35'28	
	-1009 Dec 27 j 17:29	15°♒	
evening set	-1008 Feb 02 j 15:41	19°♒11'57	
conjunction	-1008 Feb 19 j 20:22	21°♒22'02	-1°53'43
minimum elong	-1008 Feb 19 j 20:19	21°♒22'01	1°53'44
max. Earth dist.	-1008 Feb 19 j 15:47	21°♒20'35	10.33038 AU
morning rise	-1008 Mar 08 j 06:05	23°♒33'43	
	-1008 May 09 j 13:38	0°♓	
retrograde	-1008 Jun 23 j 06:29	1°♓39'56	
	-1008 Aug 07 j 14:19	30°♑♒	
opposition	-1008 Aug 31 j 12:35	28°♒11'15	-2°32'10
min. Earth dist.	-1008 Aug 31 j 14:39	28°♒10'51	8.26832 AU
direct	-1008 Nov 06 j 10:34	24°♒47'27	
	-1007 Jan 25 j 04:10	0°♓	
evening set	-1007 Feb 15 j 09:28	2°♓33'57	
conjunction	-1007 Mar 04 j 17:52	4°♓46'51	-2°09'27
minimum elong	-1007 Mar 04 j 17:50	4°♓46'51	2°09'27
max. Earth dist.	-1007 Mar 04 j 15:31	4°♓46'06	10.20775 AU
morning rise	-1007 Mar 22 j 07:22	7°♓01'24	
retrograde	-1007 Jul 07 j 17:44	15°♓17'12	
opposition	-1007 Sep 14 j 10:49	11°♓47'24	-2°47'57
min. Earth dist.	-1007 Sep 14 j 11:18	11°♓47'18	8.15328 AU
direct	-1007 Nov 19 j 23:13	8°♓22'17	
evening set	-1006 Mar 01 j 14:59	16°♓18'39	
conjunction	-1006 Mar 19 j 03:32	18°♓34'20	-2°18'14
minimum elong	-1006 Mar 19 j 03:31	18°♓34'19	2°18'15
max. Earth dist.	-1006 Mar 19 j 04:07	18°♓34'31	10.10103 AU
morning rise	-1006 Apr 05 j 20:46	20°♓51'31	
retrograde	-1006 Jul 22 j 10:13	29°♓14'55	
opposition	-1006 Sep 28 j 14:36	25°♓44'21	-2°54'20
min. Earth dist.	-1006 Sep 28 j 12:54	25°♓44'42	8.05751 AU
direct	-1006 Dec 03 j 21:19	22°♓18'00	
	-1005 Mar 13 j 06:02	0°♈	
evening set	-1005 Mar 16 j 06:59	0°♈23'18	
conjunction	-1005 Apr 02 j 23:56	2°♈41'31	-2°19'01
minimum elong	-1005 Apr 02 j 23:56	2°♈41'32	2°19'02
max. Earth dist.	-1005 Apr 03 j 03:46	2°♈42'47	10.01706 AU
morning rise	-1005 Apr 20 j 20:49	5°♈01'03	
retrograde	-1005 Aug 06 j 06:29	13°♈29'15	
opposition	-1005 Oct 12 j 22:51	9°♈58'18	-2°50'14
min. Earth dist.	-1005 Oct 12 j 18:43	9°♈59'10	7.98729 AU
direct	-1005 Dec 18 j 01:54	6°♈30'52	
evening set	-1004 Mar 30 j 07:37	14°♈43'26	
conjunction	-1004 Apr 17 j 04:53	17°♈03'46	-2°11'17
minimum elong	-1004 Apr 17 j 04:55	17°♈03'47	2°11'17
max. Earth dist.	-1004 Apr 17 j 11:51	17°♈06'04	9.96161 AU
morning rise	-1004 May 05 j 05:08	19°♈25'06	
retrograde	-1004 Aug 20 j 04:57	27°♈54'46	
opposition	-1004 Oct 26 j 09:44	24°♈23'53	-2°35'23
min. Earth dist.	-1004 Oct 26 j 03:24	24°♈25'12	7.94752 AU
direct	-1004 Dec 31 j 12:27	20°♈55'31	
evening set	-1003 Apr 14 j 14:33	29°♈13'09	
	-1003 Apr 20 j 14:44	0°♉	
conjunction	-1003 May 02 j 15:37	1°♉34'56	-1°55'12
minimum elong	-1003 May 02 j 15:40	1°♉34'58	1°55'12
max. Earth dist.	-1003 May 03 j 00:59	1°♉38'02	9.93864 AU
morning rise	-1003 May 20 j 18:30	3°♉57'20	
retrograde	-1003 Sep 04 j 02:01	12°♉24'52	
opposition	-1003 Nov 09 j 21:07	8°♉54'30	-2°10'31
min. Earth dist.	-1003 Nov 09 j 13:23	8°♉56'07	7.94114 AU
direct	-1002 Jan 15 j 03:46	5°♉25'26	
evening set	-1002 Apr 30 j 00:24	13°♉45'31	
	-1002 May 09 j 13:30	15°♉	
conjunction	-1002 May 18 j 04:12	16°♉07'53	-1°31'48
minimum elong	-1002 May 18 j 04:16	16°♉07'54	1°31'47
max. Earth dist.	-1002 May 18 j 15:03	16°♉11'27	9.94989 AU
morning rise	-1002 Jun 05 j 08:33	18°♉30'26	
retrograde	-1002 Sep 18 j 18:47	26°♉52'32	
opposition	-1002 Nov 24 j 07:14	23°♉23'05	-1°37'23
min. Earth dist.	-1002 Nov 23 j 22:51	23°♉24'50	7.96877 AU
direct	-1001 Jan 29 j 22:03	19°♉53'35	
evening set	-1001 May 15 j 09:30	28°♉13'18	
	-1001 May 29 j 02:41	0°♊	
conjunction	-1001 Jun 02 j 14:35	0°♊35'16	-1°02'45
minimum elong	-1001 Jun 02 j 14:38	0°♊35'17	1°02'44
max. Earth dist.	-1001 Jun 03 j 02:05	0°♊39'02	9.99454 AU
morning rise	-1001 Jun 20 j 18:58	2°♊56'59	
retrograde	-1001 Oct 03 j 04:11	11°♊10'59	
opposition	-1001 Dec 08 j 13:56	7°♊42'47	-0°58'31
min. Earth dist.	-1001 Dec 08 j 05:25	7°♊44'32	8.02841 AU
direct	-1000 Feb 13 j 16:47	4°♊13'07	
evening set	-1000 May 29 j 14:52	12°♊29'52	
conjunction	-1000 Jun 16 j 19:34	14°♊50'28	-0°30'11
minimum elong	-1000 Jun 16 j 19:36	14°♊50'29	0°30'11
max. Earth dist.	-1000 Jun 17 j 06:45	14°♊54'05	10.06911 AU
morning rise	-1000 Jul 04 j 22:18	17°♊10'24	
retrograde	-1000 Oct 16 j 04:26	25°♊14'25	
opposition	-1000 Dec 21 j 15:29	21°♊47'40	-0°16'49
min. Earth dist.	-1000 Dec 21 j 07:16	21°♊49'21	8.11548 AU
direct	-999 Feb 27 j 08:24	18°♊18'09	
asc. node	-999 May 22 j 02:26	23°♊47'19	
evening set	-999 Jun 13 j 13:24	26°♊29'45	
conjunction	-999 Jul 01 j 16:01	28°♊48'09	0°03'40
minimum elong	-999 Jul 01 j 16:01	28°♊48'09	0°03'41
behind sun begin	-999 Jul 01 j 08:45	28°♊45'51	
behind sun end	-999 Jul 01 j 23:16	28°♊50'27	
max. Earth dist.	-999 Jul 02 j 02:03	28°♊51'21	10.16779 AU
	-999 Jul 11 j 00:33	0°♋	
morning rise	-999 Jul 19 j 15:31	1°♋05'29	
retrograde	-999 Oct 29 j 20:36	8°♋58'42	
opposition	-998 Jan 04 j 11:01	5°♋33'30	0°24'52
min. Earth dist.	-998 Jan 04 j 03:12	5°♋35'05	8.22331 AU
direct	-998 Mar 13 j 18:54	2°♋04'26	
evening set	-998 Jun 28 j 02:41	10°♋09'18	
conjunction	-998 Jul 16 j 01:45	12°♋24'53	0°36'27
minimum elong	-998 Jul 16 j 01:43	12°♋24'53	0°36'28
max. Earth dist.	-998 Jul 16 j 10:28	12°♋27'39	10.28316 AU
morning rise	-998 Aug 02 j 20:43	14°♋39'08	

Attention, astronomical year style is used: The year -998 in astronomical counting style is the year 999 BCE in historical counting style.

retrograde	-998 Nov 12 j 04:11	22°♋21'35	
opposition	-997 Jan 17 j 23:55	18°♋58'00	1°04'01
min. Earth dist.	-997 Jan 17 j 16:54	18°♋59'24	8.34436 AU
direct	-997 Mar 27 j 22:39	15°♋29'41	
evening set	-997 Jul 12 j 05:43	23°♋26'56	
conjunction	-997 Jul 30 j 00:13	25°♋39'21	1°06'32
minimum elong	-997 Jul 30 j 00:10	25°♋39'20	1°06'33
max. Earth dist.	-997 Jul 30 j 07:36	25°♋41'39	10.40813 AU
morning rise	-997 Aug 16 j 13:51	27°♋50'16	
	-997 Sep 03 j 20:08	0°♌	
retrograde	-997 Nov 25 j 02:56	5°♌22'32	
opposition	-996 Jan 31 j 06:05	2°♌00'33	1°38'40
min. Earth dist.	-996 Jan 31 j 00:37	2°♌01'38	8.47217 AU
	-996 Feb 27 j 10:29	30℞♋	
direct	-996 Apr 09 j 19:12	28°♋33'11	
	-996 May 21 j 17:21	0°♌	
evening set	-996 Jul 24 j 21:53	6°♌22'16	
conjunction	-996 Aug 11 j 11:06	8°♌31'23	1°32'30
minimum elong	-996 Aug 11 j 11:02	8°♌31'22	1°32'31
max. Earth dist.	-996 Aug 11 j 16:37	8°♌33'06	10.53676 AU
morning rise	-996 Aug 28 j 19:06	10°♌38'57	
	-996 Oct 07 j 13:07	15°♌	
retrograde	-996 Dec 06 j 18:26	18°♌01'52	
	-995 Feb 08 j 06:19	15℞♌	
opposition	-995 Feb 12 j 06:02	14°♌41'22	2°07'24
min. Earth dist.	-995 Feb 12 j 02:37	14°♌42'02	8.60101 AU
direct	-995 Apr 23 j 07:23	11°♌15'05	
	-995 Jul 02 j 10:55	15°♌	
evening set	-995 Aug 07 j 02:48	18°♌55'45	
conjunction	-995 Aug 24 j 10:29	21°♌01'39	1°53'22
minimum elong	-995 Aug 24 j 10:26	21°♌01'38	1°53'23
max. Earth dist.	-995 Aug 24 j 13:33	21°♌02'35	10.66349 AU
morning rise	-995 Sep 10 j 13:06	23°♌06'01	
	-995 Nov 29 j 06:52	0°♍	
retrograde	-995 Dec 19 j 01:18	0°♍20'42	
	-994 Jan 07 j 23:36	30℞♌	
opposition	-994 Feb 24 j 23:57	27°♌01'26	2°29'22
min. Earth dist.	-994 Feb 24 j 22:26	27°♌01'44	8.72529 AU
direct	-994 May 06 j 12:38	23°♌36'20	
	-994 Aug 10 j 00:31	0°♍	
evening set	-994 Aug 19 j 20:55	1°♍08'39	
conjunction	-994 Sep 05 j 23:23	3°♍11'35	2°08'34
minimum elong	-994 Sep 05 j 23:21	3°♍11'35	2°08'34
max. Earth dist.	-994 Sep 05 j 23:48	3°♍11'43	10.78296 AU
morning rise	-994 Sep 22 j 21:13	5°♍13'08	
retrograde	-994 Dec 31 j 01:18	12°♍20'48	
opposition	-993 Mar 09 j 12:08	9°♍02'31	2°44'08
min. Earth dist.	-993 Mar 09 j 11:51	9°♍02'35	8.83969 AU
direct	-993 May 19 j 11:35	5°♍38'36	
evening set	-993 Sep 01 j 04:54	13°♍02'59	
conjunction	-993 Sep 18 j 02:55	15°♍03'22	2°17'52
minimum elong	-993 Sep 18 j 02:54	15°♍03'21	2°17'52
max. Earth dist.	-993 Sep 18 j 01:48	15°♍03'01	10.89018 AU
morning rise	-993 Oct 04 j 20:37	17°♍02'28	
retrograde	-992 Jan 11 j 22:56	24°♍04'29	
opposition	-992 Mar 20 j 19:39	20°♍46'57	2°51'38
min. Earth dist.	-992 Mar 20 j 20:26	20°♍46'48	8.93941 AU
direct	-992 May 31 j 01:57	17°♍24'13	
evening set	-992 Sep 12 j 04:02	24°♍41'18	
conjunction	-992 Sep 28 j 22:21	26°♍39'35	2°21'17
minimum elong	-992 Sep 28 j 22:21	26°♍39'35	2°21'17

max. Earth dist.	-992 Sep 28 j 20:13	26°♍38'57	10.98086 AU
morning rise	-992 Oct 15 j 12:41	28°♍36'45	
	-992 Oct 27 j 18:03	0°♎	
retrograde	-991 Jan 22 j 15:17	5°♎34'34	
opposition	-991 Apr 01 j 23:23	2°♎17'31	2°52'05
min. Earth dist.	-991 Apr 02 j 01:52	2°♎17'03	9.02075 AU
	-991 May 05 j 22:04	30℞♍	
direct	-991 Jun 12 j 09:12	28°♍55'53	
	-991 Jul 19 j 06:32	0°♎	
evening set	-991 Sep 23 j 19:47	6°♎06'34	
conjunction	-991 Oct 10 j 11:09	8°♎03'15	2°19'01
minimum elong	-991 Oct 10 j 11:10	8°♎03'15	2°19'00
max. Earth dist.	-991 Oct 10 j 07:10	8°♎02'05	11.05183 AU
morning rise	-991 Oct 26 j 23:18	9°♎59'03	
retrograde	-990 Feb 03 j 05:58	16°♎54'08	
opposition	-990 Apr 14 j 00:14	13°♎37'19	2°45'48
min. Earth dist.	-990 Apr 14 j 04:45	13°♎36'29	9.08100 AU
direct	-990 Jun 24 j 12:03	10°♎16'39	
evening set	-990 Oct 05 j 05:36	17°♎22'03	
conjunction	-990 Oct 21 j 18:54	19°♎17'41	2°11'22
minimum elong	-990 Oct 21 j 18:56	19°♎17'41	2°11'22
max. Earth dist.	-990 Oct 21 j 12:45	19°♎15'52	11.10077 AU
morning rise	-990 Nov 07 j 05:59	21°♎12'39	
retrograde	-989 Feb 14 j 18:14	28°♎06'32	
opposition	-989 Apr 25 j 23:08	24°♎49'42	2°33'18
min. Earth dist.	-989 Apr 26 j 04:50	24°♎48'39	9.11807 AU
direct	-989 Jul 06 j 09:51	21°♎29'53	
evening set	-989 Oct 16 j 11:20	28°♎31'15	
	-989 Oct 29 j 05:37	0°♏	
conjunction	-989 Nov 01 j 23:34	0°♏26'19	1°58'47
minimum elong	-989 Nov 01 j 23:37	0°♏26'20	1°58'46
max. Earth dist.	-989 Nov 01 j 16:31	0°♏24'15	11.12597 AU
morning rise	-989 Nov 18 j 10:18	2°♏21'00	
retrograde	-988 Feb 26 j 08:45	9°♏15'16	
opposition	-988 May 06 j 21:11	5°♏58'10	2°15'06
min. Earth dist.	-988 May 07 j 03:06	5°♏57'05	9.13067 AU
direct	-988 Jul 17 j 06:01	2°♏39'04	
evening set	-988 Oct 26 j 14:45	9°♏37'44	
conjunction	-988 Nov 12 j 02:47	11°♏32'46	1°41'44
minimum elong	-988 Nov 12 j 02:49	11°♏32'47	1°41'43
max. Earth dist.	-988 Nov 11 j 19:34	11°♏30'40	11.12655 AU
morning rise	-988 Nov 28 j 13:55	13°♏27'39	
	-988 Dec 12 j 08:28	15°♏	
retrograde	-987 Mar 09 j 02:40	20°♏23'52	
opposition	-987 May 18 j 19:50	17°♏06'18	1°51'51
min. Earth dist.	-987 May 19 j 02:24	17°♏05'06	9.11844 AU
	-987 Jun 18 j 23:00	15℞♏	
direct	-987 Jul 28 j 22:21	13°♏47'45	
	-987 Sep 05 j 20:58	15°♏	
evening set	-987 Nov 06 j 17:40	20°♏45'07	
conjunction	-987 Nov 23 j 06:01	22°♏40'35	1°20'48
minimum elong	-987 Nov 23 j 06:04	22°♏40'36	1°20'47
max. Earth dist.	-987 Nov 22 j 21:37	22°♏38'07	11.10247 AU
morning rise	-987 Dec 09 j 18:30	24°♏36'11	
	-986 Feb 03 j 19:59	0°♐	
retrograde	-986 Mar 20 j 21:11	1°♐35'56	
	-986 May 06 j 10:05	30℞♏	
opposition	-986 May 30 j 20:01	28°♏17'39	1°24'14
min. Earth dist.	-986 May 31 j 03:39	28°♏16'15	9.08179 AU
direct	-986 Aug 09 j 13:29	24°♏59'24	
	-986 Oct 31 j 10:07	0°♐	
evening set	-986 Nov 17 j 22:07	1°♐57'04	

Attention, astronomical year style is used: The year -986 in astronomical counting style is the year 987 BCE in historical counting style.

conjunction	-986 Dec 04 j 11:20	3°♐53'24	0°56'38	
minimum elong	-986 Dec 04 j 11:22	3°♐53'25	0°56'37	
max. Earth dist.	-986 Dec 04 j 01:50	3°♐50'36	11.05447 AU	
morning rise	-986 Dec 21 j 01:46	5°♐50'07		
retrograde	-985 Apr 01 j 21:40	12°♐54'59		
opposition	-985 Jun 11 j 22:37	9°♐35'47	0°53'06	
min. Earth dist.	-985 Jun 12 j 06:48	9°♐34'16	9.02190 AU	
direct	-985 Aug 21 j 07:34	6°♐17'35		
evening set	-985 Nov 29 j 05:42	13°♐17'07		
conjunction	-985 Dec 15 j 20:27	15°♐14'44	0°29'59	
minimum elong	-985 Dec 15 j 20:28	15°♐14'44	0°29'58	
max. Earth dist.	-985 Dec 15 j 11:33	15°♐12'05	10.98409 AU	
morning rise	-984 Jan 01 j 13:06	17°♐12'58		
retrograde	-984 Apr 13 j 04:13	24°♐24'29		
opposition	-984 Jun 23 j 05:03	21°♐04'09	0°19'21	
min. Earth dist.	-984 Jun 23 j 12:22	21°♐02'47	8.94086 AU	
direct	-984 Sep 01 j 02:33	17°♐45'48		
evening set	-984 Dec 09 j 18:14	24°♐48'45		
conjunction	-984 Dec 26 j 10:53	26°♐48'00	0°01'44	
minimum elong	-984 Dec 26 j 10:53	26°♐48'00	0°01'44	
behind sun begin	-984 Dec 26 j 03:53	26°♐45'56		
behind sun end	-984 Dec 26 j 17:53	26°♐50'05		
max. Earth dist.	-984 Dec 26 j 02:53	26°♐45'38	10.89376 AU	
morning rise	-983 Jan 12 j 06:05	28°♐48'07		
desc. node	-983 Jan 17 j 11:15	29°♐24'33		
	-983 Jan 22 j 15:20	0°♑		
retrograde	-983 Apr 25 j 18:45	6°♑07'43		
opposition	-983 Jul 05 j 16:09	2°♑46'04	-0°15'55	
min. Earth dist.	-983 Jul 05 j 22:32	2°♑44'52	8.84161 AU	
	-983 Aug 18 j 08:35	30°℞♐		
direct	-983 Sep 13 j 01:11	29°♐27'20		
	-983 Oct 08 j 07:18	0°♑		
evening set	-983 Dec 21 j 13:48	6°♑35'17		
conjunction	-982 Jan 07 j 08:32	8°♑36'30	-0°27'14	
minimum elong	-982 Jan 07 j 08:31	8°♑36'30	0°27'14	
max. Earth dist.	-982 Jan 07 j 00:40	8°♑34'07	10.78687 AU	
morning rise	-982 Jan 24 j 06:42	10°♑38'48		
retrograde	-982 May 08 j 16:46	18°♑07'37		
opposition	-982 Jul 18 j 08:36	14°♑44'36	-0°51'22	
min. Earth dist.	-982 Jul 18 j 14:33	14°♑43'29	8.72796 AU	
direct	-982 Sep 25 j 03:07	11°♑25'13		
evening set	-981 Jan 02 j 17:46	18°♑39'42		
conjunction	-981 Jan 19 j 14:51	20°♑43'08	-0°55'33	
minimum elong	-981 Jan 19 j 14:49	20°♑43'07	0°55'33	
max. Earth dist.	-981 Jan 19 j 07:15	20°♑40'48	10.66760 AU	
morning rise	-981 Feb 05 j 16:12	22°♑47'52		
	-981 Apr 28 j 15:42	0°♒		
retrograde	-981 May 21 j 21:59	0°♒26'53		
	-981 Jun 14 j 08:18	30°℞♑		
opposition	-981 Jul 31 j 07:21	27°♑02'23	-1°25'29	
min. Earth dist.	-981 Jul 31 j 12:51	27°♑01'20	8.60448 AU	
direct	-981 Oct 07 j 12:14	23°♑42'07		
	-980 Jan 06 j 08:10	0°♒		
evening set	-980 Jan 15 j 07:17	1°♒04'27		
conjunction	-980 Feb 01 j 07:11	3°♒10'20	-1°22'00	
minimum elong	-980 Feb 01 j 07:08	3°♒10'20	1°22'00	
max. Earth dist.	-980 Feb 01 j 01:15	3°♒08'30	10.54076 AU	
morning rise	-980 Feb 18 j 11:46	5°♒17'41		
retrograde	-980 Jun 03 j 12:08	13°♒07'26		
opposition	-980 Aug 12 j 12:42	9°♒41'26	-1°56'33	
min. Earth dist.	-980 Aug 12 j 16:51	9°♒40'38	8.47624 AU	
direct	-980 Oct 19 j 05:30	6°♒20'06		
evening set	-979 Jan 27 j 07:48	13°♒51'19		
	-979 Feb 05 j 12:36	15°♒		
conjunction	-979 Feb 13 j 10:56	15°♒59'52	-1°45'06	
minimum elong	-979 Feb 13 j 10:53	15°♒59'51	1°45'06	
max. Earth dist.	-979 Feb 13 j 07:03	15°♒58'38	10.41162 AU	
morning rise	-979 Mar 02 j 18:51	18°♒09'57		
retrograde	-979 Jun 17 j 12:12	26°♒10'23		
opposition	-979 Aug 26 j 00:37	22°♒42'58	-2°22'41	
min. Earth dist.	-979 Aug 26 j 03:03	22°♒42'29	8.34855 AU	
direct	-979 Nov 01 j 04:34	19°♒20'24		
evening set	-978 Feb 09 j 19:53	27°♒01'17		
conjunction	-978 Feb 27 j 02:34	29°♒12'36	-2°03'19	
minimum elong	-978 Feb 27 j 02:31	29°♒12'35	2°03'20	
max. Earth dist.	-978 Feb 27 j 00:25	29°♒11'55	10.28582 AU	
	-978 Mar 05 j 07:12	0°♓		
morning rise	-978 Mar 16 j 14:01	1°♓25'30		
retrograde	-978 Jul 01 j 20:01	9°♓36'00		
opposition	-978 Sep 08 j 19:15	6°♓07'20	-2°41'56	
min. Earth dist.	-978 Sep 08 j 19:50	6°♓07'13	8.22744 AU	
direct	-978 Nov 14 j 12:11	2°♓43'29		
evening set	-977 Feb 23 j 19:34	10°♓34'19		
conjunction	-977 Mar 13 j 06:04	12°♓48'25	-2°15'14	
minimum elong	-977 Mar 13 j 06:03	12°♓48'25	2°15'15	
max. Earth dist.	-977 Mar 13 j 05:30	12°♓48'14	10.17031 AU	
morning rise	-977 Mar 30 j 21:18	15°♓04'05		
retrograde	-977 Jul 16 j 10:16	23°♓23'11		
opposition	-977 Sep 22 j 20:04	19°♓53'32	-2°52'33	
min. Earth dist.	-977 Sep 22 j 19:05	19°♓53'44	8.12047 AU	
direct	-977 Nov 28 j 04:42	16°♓28'20		
evening set	-976 Mar 09 j 06:21	24°♓28'36		
conjunction	-976 Mar 26 j 21:03	26°♓45'23	-2°19'36	
minimum elong	-976 Mar 26 j 21:03	26°♓45'24	2°19'37	
max. Earth dist.	-976 Mar 26 j 22:24	26°♓45'50	10.07303 AU	
morning rise	-976 Apr 13 j 16:09	29°♓03'35		
	-976 Apr 21 j 02:51	0°♈		
retrograde	-976 Jul 30 j 04:58	7°♈28'51		
opposition	-976 Oct 06 j 01:49	3°♈58'32	-2°53'08	
min. Earth dist.	-976 Oct 05 j 23:27	3°♈59'01	8.03520 AU	
direct	-976 Dec 11 j 05:08	0°♈32'00		
evening set	-975 Mar 24 j 02:40	8°♈40'27		
conjunction	-975 Apr 10 j 21:44	10°♈59'35	-2°15'38	
minimum elong	-975 Apr 10 j 21:46	10°♈59'36	2°15'39	
max. Earth dist.	-975 Apr 11 j 01:17	11°♈00'45	10.00085 AU	
morning rise	-975 Apr 28 j 20:31	13°♈19'53		
retrograde	-975 Aug 14 j 02:03	21°♈48'12		
opposition	-975 Oct 20 j 10:58	18°♈17'35	-2°43'03	
min. Earth dist.	-975 Oct 20 j 07:10	18°♈18'23	7.97752 AU	
direct	-975 Dec 25 j 13:19	14°♈49'51		
evening set	-974 Apr 08 j 06:11	23°♈04'30		
conjunction	-974 Apr 26 j 05:20	25°♈25'25	-2°03'13	
minimum elong	-974 Apr 26 j 05:23	25°♈25'27	2°03'13	
max. Earth dist.	-974 Apr 26 j 11:12	25°♈27'22	9.95879 AU	
morning rise	-974 May 14 j 07:09	27°♈47'11		
	-974 May 31 j 23:32	0°♉		
retrograde	-974 Aug 28 j 22:06	6°♉15'05		
opposition	-974 Nov 03 j 21:30	2°♉44'36	-2°22'35	
min. Earth dist.	-974 Nov 03 j 16:10	2°♉45'43	7.95147 AU	
	-974 Dec 11 j 23:49	30°℞♈		
direct	-973 Jan 09 j 03:22	29°♈15'52		
	-973 Feb 06 j 03:21	0°♉		
evening set	-973 Apr 23 j 13:56	7°♉34'15		

Attention, astronomical year style is used: The year -973 in astronomical counting style is the year 974 BCE in historical counting style.

conjunction	-973 May 11 j 16:29	9°♉56'14	-1°42'59
minimum elong	-973 May 11 j 16:32	9°♉56'15	1°42'59
max. Earth dist.	-973 May 12 j 00:39	9°♉58'55	9.94984 AU
morning rise	-973 May 29 j 20:21	12°♉18'37	
	-973 Jun 20 j 12:55	15°♉	
retrograde	-973 Sep 12 j 14:53	20°♉42'43	
opposition	-973 Nov 18 j 07:26	17°♉12'45	-1°53'00
min. Earth dist.	-973 Nov 18 j 00:28	17°♉14'13	7.95887 AU
	-973 Dec 17 j 03:20	15°℞♉	
direct	-972 Jan 23 j 20:26	13°♉43'17	
	-972 Mar 01 j 05:33	15°♉	
evening set	-972 May 07 j 22:41	22°♉02'43	
conjunction	-972 May 26 j 03:26	24°♉24'50	-1°16'19
minimum elong	-972 May 26 j 03:29	24°♉24'51	1°16'18
max. Earth dist.	-972 May 26 j 13:23	24°♉28'06	9.97440 AU
morning rise	-972 Jun 13 j 08:00	26°♉46'55	
	-972 Jul 09 j 16:51	0°♊	
retrograde	-972 Sep 26 j 02:22	5°♊04'17	
opposition	-972 Dec 01 j 14:56	1°♊35'14	-1°16'30
min. Earth dist.	-972 Dec 01 j 06:54	1°♊36'54	7.99894 AU
	-972 Dec 21 j 11:21	30°℞♉	
direct	-971 Feb 06 j 13:57	28°♉05'19	
	-971 Mar 25 j 00:59	0°♊	
evening set	-971 May 23 j 05:17	6°♊23'10	
conjunction	-971 Jun 10 j 10:31	8°♊44'28	-0°45'08
minimum elong	-971 Jun 10 j 10:34	8°♊44'29	0°45'07
max. Earth dist.	-971 Jun 10 j 21:19	8°♊47'59	10.03038 AU
morning rise	-971 Jun 28 j 14:07	11°♊05'14	
retrograde	-971 Oct 10 j 07:05	19°♊13'41	
opposition	-971 Dec 15 j 18:15	15°♊45'51	-0°35'49
min. Earth dist.	-971 Dec 15 j 09:59	15°♊47'34	8.06873 AU
direct	-970 Feb 21 j 04:46	12°♊15'50	
evening set	-970 Jun 07 j 06:31	20°♊29'46	
conjunction	-970 Jun 25 j 10:27	22°♊49'19	-0°11'43
minimum elong	-970 Jun 25 j 10:27	22°♊49'19	0°11'43
behind sun begin	-970 Jun 25 j 05:22	22°♊47'42	
behind sun end	-970 Jun 25 j 15:32	22°♊50'56	
max. Earth dist.	-970 Jun 25 j 21:11	22°♊52'46	10.11377 AU
morning rise	-970 Jul 13 j 11:28	25°♊07'55	
	-970 Aug 25 j 07:13	0°♋	
retrograde	-970 Oct 24 j 04:17	3°♋06'08	
asc. node	-970 Nov 03 j 20:20	2°♋59'41	
	-970 Dec 25 j 13:06	30°℞♊	
opposition	-970 Dec 29 j 16:15	29°♊39'45	0°06'10
min. Earth dist.	-970 Dec 29 j 08:33	29°♊41'19	8.16356 AU
direct	-969 Mar 07 j 16:35	26°♊09'57	
	-969 May 15 j 13:10	0°♋	
evening set	-969 Jun 21 j 23:45	4°♋18'04	
conjunction	-969 Jul 10 j 00:44	6°♋35'06	0°21'48
minimum elong	-969 Jul 10 j 00:43	6°♋35'06	0°21'49
max. Earth dist.	-969 Jul 10 j 10:23	6°♋38'10	10.21905 AU
morning rise	-969 Jul 27 j 21:53	8°♋50'54	
retrograde	-969 Nov 06 j 15:14	16°♋38'22	
opposition	-968 Jan 12 j 07:59	13°♋13'33	0°46'42
min. Earth dist.	-968 Jan 12 j 01:23	13°♋14'53	8.27734 AU
direct	-968 Mar 20 j 23:41	9°♋44'18	
evening set	-968 Jul 05 j 07:30	17°♋45'16	
conjunction	-968 Jul 23 j 04:10	19°♋59'14	0°53'18
minimum elong	-968 Jul 23 j 04:08	19°♋59'13	0°53'19
max. Earth dist.	-968 Jul 23 j 11:48	20°♋01'38	10.33967 AU
morning rise	-968 Aug 09 j 20:26	22°♋11'48	
retrograde	-968 Nov 18 j 16:14	29°♋48'42	
opposition	-967 Jan 24 j 16:59	26°♋25'30	1°23'35
min. Earth dist.	-967 Jan 24 j 11:13	26°♋26'39	8.40333 AU
direct	-967 Apr 04 j 00:36	22°♋57'07	
	-967 Jul 12 j 06:04	0°♌	
evening set	-967 Jul 19 j 04:24	0°♌50'02	
conjunction	-967 Aug 05 j 20:00	3°♌00'42	1°21'15
minimum elong	-967 Aug 05 j 19:57	3°♌00'41	1°21'16
max. Earth dist.	-967 Aug 06 j 01:55	3°♌02'33	10.46890 AU
morning rise	-967 Aug 23 j 06:48	5°♌09'52	
retrograde	-967 Dec 01 j 10:17	12°♌36'55	
opposition	-966 Feb 06 j 19:27	9°♌15'16	1°55'06
min. Earth dist.	-966 Feb 06 j 14:20	9°♌16'16	8.53471 AU
direct	-966 Apr 17 j 16:42	5°♌48'01	
evening set	-966 Aug 01 j 13:51	13°♌32'25	
	-966 Aug 13 j 14:21	15°♌	
conjunction	-966 Aug 19 j 00:07	15°♌39'48	1°44'30
minimum elong	-966 Aug 19 j 00:04	15°♌39'47	1°44'31
max. Earth dist.	-966 Aug 19 j 04:50	15°♌41'15	10.60006 AU
morning rise	-966 Sep 05 j 05:20	17°♌45'38	
retrograde	-966 Dec 13 j 21:06	25°♌03'51	
opposition	-965 Feb 19 j 15:33	21°♌43'38	2°20'11
min. Earth dist.	-965 Feb 19 j 11:30	21°♌44'25	8.66489 AU
direct	-965 May 01 j 00:25	18°♌17'42	
evening set	-965 Aug 14 j 12:30	25°♌53'36	
conjunction	-965 Aug 31 j 17:32	27°♌57'52	2°02'18
minimum elong	-965 Aug 31 j 17:30	27°♌57'51	2°02'18
max. Earth dist.	-965 Aug 31 j 20:59	27°♌58'55	10.72687 AU
morning rise	-965 Sep 17 j 17:28	0°♍00'39	
	-965 Sep 17 j 15:16	0°♍	
retrograde	-965 Dec 26 j 00:57	7°♍11'12	
opposition	-964 Mar 03 j 05:52	3°♍52'18	2°38'13
min. Earth dist.	-964 Mar 03 j 03:55	3°♍52'40	8.78788 AU
direct	-964 May 13 j 00:41	0°♍27'43	
evening set	-964 Aug 26 j 00:56	7°♍55'29	
conjunction	-964 Sep 12 j 01:01	9°♍56'58	2°14'17
minimum elong	-964 Sep 12 j 00:59	9°♍56'57	2°14'17
max. Earth dist.	-964 Sep 12 j 02:09	9°♍57'18	10.84378 AU
morning rise	-964 Sep 28 j 20:26	11°♍57'05	
retrograde	-963 Jan 05 j 23:50	19°♍01'20	
opposition	-963 Mar 15 j 15:24	15°♍43'30	2°48'59
min. Earth dist.	-963 Mar 15 j 15:35	15°♍43'28	8.89848 AU
direct	-963 May 25 j 17:30	12°♍20'18	
evening set	-963 Sep 07 j 03:56	19°♍40'28	
conjunction	-963 Sep 23 j 23:44	21°♍39'36	2°20'20
minimum elong	-963 Sep 23 j 23:43	21°♍39'36	2°20'20
max. Earth dist.	-963 Sep 23 j 22:19	21°♍39'10	10.94613 AU
morning rise	-963 Oct 10 j 15:36	23°♍37'34	
	-963 Dec 21 j 18:02	0°♎	
retrograde	-962 Jan 17 j 16:42	0°♎36'57	
	-962 Feb 14 j 03:17	30°℞♍	
opposition	-962 Mar 27 j 20:46	27°♍19'54	2°52'34
min. Earth dist.	-962 Mar 27 j 22:23	27°♍19'36	8.99233 AU
direct	-962 Jun 07 j 04:48	23°♍58'00	
	-962 Sep 08 j 11:11	0°♎	
evening set	-962 Sep 18 j 22:58	1°♎11'23	
conjunction	-962 Oct 05 j 15:31	3°♎08'40	2°20'36
minimum elong	-962 Oct 05 j 15:32	3°♎08'40	2°20'36
max. Earth dist.	-962 Oct 05 j 12:26	3°♎07'45	11.03004 AU
morning rise	-962 Oct 22 j 04:42	5°♎04'59	
retrograde	-961 Jan 29 j 09:00	12°♎00'57	
opposition	-961 Apr 08 j 22:36	8°♎44'24	2°49'15

Attention, astronomical year style is used: The year -961 in astronomical counting style is the year 962 BCE in historical counting style.

min. Earth dist.	-961 Apr 09 j 01:07	8°♎43'56	9.06582 AU
direct	-961 Jun 19 j 10:35	5°♎23'42	
evening set	-961 Sep 30 j 11:31	12°♎31'16	
conjunction	-961 Oct 17 j 01:48	14°♎27'14	2°15'20
minimum elong	-961 Oct 17 j 01:49	14°♎27'15	2°15'20
max. Earth dist.	-961 Oct 16 j 21:52	14°♎26'05	11.09227 AU
morning rise	-961 Nov 02 j 13:09	16°♎22'27	
retrograde	-960 Feb 09 j 23:40	23°♎16'28	
opposition	-960 Apr 19 j 22:26	20°♎00'09	2°39'30
min. Earth dist.	-960 Apr 20 j 02:32	19°♎59'24	9.11616 AU
direct	-960 Jun 30 j 09:19	16°♎40'30	
evening set	-960 Oct 10 j 19:12	23°♎43'21	
conjunction	-960 Oct 27 j 07:53	25°♎38'32	2°04'56
minimum elong	-960 Oct 27 j 07:55	25°♎38'33	2°04'56
max. Earth dist.	-960 Oct 27 j 02:04	25°♎36'50	11.13039 AU
morning rise	-960 Nov 12 j 18:31	27°♎33'11	
	-960 Dec 05 j 03:34	0°♏	
retrograde	-959 Feb 20 j 13:19	4°♏26'50	
opposition	-959 May 01 j 21:08	1°♏10'26	2°23'48
min. Earth dist.	-959 May 02 j 03:18	1°♏09'19	9.14131 AU
	-959 May 18 j 06:11	30°℞♎	
direct	-959 Jul 12 j 06:02	27°♎51'34	
	-959 Sep 03 j 01:56	0°♏	
evening set	-959 Oct 21 j 23:48	4°♏51'05	
conjunction	-959 Nov 07 j 11:42	6°♏45'59	1°49'51
minimum elong	-959 Nov 07 j 11:44	6°♏46'00	1°49'51
max. Earth dist.	-959 Nov 07 j 03:29	6°♏43'35	11.14266 AU
morning rise	-959 Nov 23 j 22:37	8°♏40'37	
	-958 Feb 05 j 03:57	15°♏	
retrograde	-958 Mar 04 j 04:22	15°♏35'30	
	-958 Mar 31 j 15:50	15°℞♏	
opposition	-958 May 13 j 19:31	12°♏18'43	2°02'47
min. Earth dist.	-958 May 14 j 03:10	12°♏17'19	9.13985 AU
direct	-958 Jul 24 j 00:05	9°♏00'25	
	-958 Oct 24 j 13:08	15°♏	
evening set	-958 Nov 02 j 02:57	15°♏58'05	
conjunction	-958 Nov 18 j 15:01	17°♏53'13	1°30'36
minimum elong	-958 Nov 18 j 15:03	17°♏53'14	1°30'36
max. Earth dist.	-958 Nov 18 j 05:55	17°♏50'33	11.12811 AU
morning rise	-958 Dec 05 j 02:52	19°♏48'22	
retrograde	-957 Mar 15 j 22:19	26°♏46'10	
opposition	-957 May 25 j 18:55	23°♏28'42	1°37'04
min. Earth dist.	-957 May 26 j 02:54	23°♏27'15	9.11150 AU
direct	-957 Aug 04 j 17:07	20°♏10'45	
evening set	-957 Nov 13 j 06:40	27°♏08'06	
conjunction	-957 Nov 29 j 19:31	29°♏03'58	1°07'49
minimum elong	-957 Nov 29 j 19:33	29°♏03'58	1°07'48
max. Earth dist.	-957 Nov 29 j 10:12	29°♏01'13	11.08726 AU
	-957 Dec 07 j 18:14	0°♐	
morning rise	-957 Dec 16 j 08:49	1°♐00'03	
retrograde	-956 Mar 26 j 22:24	8°♐02'24	
opposition	-956 Jun 05 j 20:34	4°♐44'01	1°07'27
min. Earth dist.	-956 Jun 06 j 04:43	4°♐42'31	9.05776 AU
direct	-956 Aug 15 j 10:05	1°♐26'07	
evening set	-956 Nov 23 j 12:53	8°♐24'41	
conjunction	-956 Dec 10 j 02:54	10°♐21'40	0°42'12
minimum elong	-956 Dec 10 j 02:56	10°♐21'41	0°42'11
max. Earth dist.	-956 Dec 09 j 16:43	10°♐18'40	11.02220 AU
morning rise	-956 Dec 26 j 18:23	12°♐19'10	
retrograde	-955 Apr 08 j 01:31	19°♐27'34	
opposition	-955 Jun 18 j 01:31	16°♐07'59	0°34'46
min. Earth dist.	-955 Jun 18 j 10:20	16°♐06'21	8.98113 AU
direct	-955 Aug 27 j 03:07	12°♐49'51	
evening set	-955 Dec 04 j 23:13	19°♐51'14	
conjunction	-955 Dec 21 j 14:50	21°♐49'44	0°14'34
minimum elong	-955 Dec 21 j 14:51	21°♐49'44	0°14'34
behind sun begin	-955 Dec 21 j 11:38	21°♐48'47	
behind sun end	-955 Dec 21 j 18:04	21°♐50'41	
max. Earth dist.	-955 Dec 21 j 04:05	21°♐46'32	10.93559 AU
morning rise	-954 Jan 07 j 08:59	23°♐49'00	
	-954 Mar 14 j 16:30	0°♑	
retrograde	-954 Apr 20 j 11:15	1°♑04'56	
	-954 May 28 j 00:06	30°℞♐	
opposition	-954 Jun 30 j 10:35	27°♐43'55	0°00'04
min. Earth dist.	-954 Jun 30 j 19:29	27°♐42'15	8.88461 AU
desc. node	-954 Jul 01 j 02:40	27°♐40'55	
direct	-954 Sep 08 j 01:17	24°♐25'16	
	-954 Dec 03 j 11:29	0°♑	
evening set	-954 Dec 16 j 15:28	1°♑31'03	
conjunction	-953 Jan 02 j 09:11	3°♑31'25	-0°14'14
minimum elong	-953 Jan 02 j 09:10	3°♑31'25	0°14'14
behind sun begin	-953 Jan 02 j 05:42	3°♑30'23	
behind sun end	-953 Jan 02 j 12:38	3°♑32'27	
max. Earth dist.	-953 Jan 01 j 23:23	3°♑28'28	10.83061 AU
morning rise	-953 Jan 19 j 06:03	5°♑32'46	
retrograde	-953 May 03 j 05:15	12°♑57'33	
opposition	-953 Jul 13 j 00:34	9°♑34'58	-0°35'28
min. Earth dist.	-953 Jul 13 j 08:25	9°♑33'29	8.77188 AU
direct	-953 Sep 20 j 02:30	6°♑15'35	
evening set	-953 Dec 28 j 15:21	13°♑27'19	
conjunction	-952 Jan 14 j 11:29	15°♑29'50	-0°42'57
minimum elong	-952 Jan 14 j 11:27	15°♑29'49	0°42'57
max. Earth dist.	-952 Jan 14 j 03:22	15°♑27'21	10.71137 AU
morning rise	-952 Jan 31 j 11:16	17°♑33'33	
retrograde	-952 May 15 j 07:19	25°♑08'18	
opposition	-952 Jul 24 j 20:33	21°♑44'03	-1°10'25
min. Earth dist.	-952 Jul 25 j 02:36	21°♑42'54	8.64747 AU
direct	-952 Oct 01 j 08:57	18°♑23'45	
evening set	-951 Jan 09 j 00:24	25°♑42'52	
conjunction	-951 Jan 25 j 23:08	27°♑47'48	-1°10'25
minimum elong	-951 Jan 25 j 23:06	27°♑47'47	1°10'26
max. Earth dist.	-951 Jan 25 j 16:01	27°♑45'36	10.58279 AU
morning rise	-951 Feb 12 j 02:10	29°♑54'07	
	-951 Feb 12 j 21:38	0°♒	
retrograde	-951 May 28 j 18:50	7°♒39'35	
opposition	-951 Aug 06 j 23:01	4°♒13'41	-1°43'07
min. Earth dist.	-951 Aug 07 j 03:45	4°♒12'46	8.51660 AU
direct	-951 Oct 13 j 21:35	0°♒52'17	
evening set	-950 Jan 21 j 20:06	8°♒20'01	
conjunction	-950 Feb 07 j 21:42	10°♒27'34	-1°35'14
minimum elong	-950 Feb 07 j 21:39	10°♒27'33	1°35'15
max. Earth dist.	-950 Feb 07 j 15:34	10°♒25'39	10.45048 AU
morning rise	-950 Feb 25 j 04:11	12°♒36'39	
	-950 Mar 17 j 08:41	15°♒	
retrograde	-950 Jun 11 j 15:20	20°♒33'01	
opposition	-950 Aug 20 j 08:10	17°♒05'36	-2°11'46
min. Earth dist.	-950 Aug 20 j 11:48	17°♒04'53	8.38521 AU
	-950 Sep 17 j 23:39	15°℞♒	
direct	-950 Oct 26 j 16:49	13°♒42'57	
	-950 Dec 03 j 14:21	15°♒	
evening set	-949 Feb 04 j 03:03	21°♒20'14	
conjunction	-949 Feb 21 j 07:59	23°♒30'31	-1°55'52

Attention, astronomical year style is used: The year -949 in astronomical counting style is the year 950 BCE in historical counting style.

minimum elong	-949 Feb 21 j 07:56	23°♒30'30	1°55'52
max. Earth dist.	-949 Feb 21 j 03:43	23°♒29'10	10.32076 AU
morning rise	-949 Mar 10 j 18:02	25°♒42'25	
	-949 Apr 17 j 06:32	0°♓	
retrograde	-949 Jun 25 j 18:28	3°♓49'19	
opposition	-949 Sep 03 j 00:17	0°♓20'33	-2°34'23
min. Earth dist.	-949 Sep 03 j 02:23	0°♓20'08	8.25988 AU
	-949 Sep 07 j 07:10	30°℞♒	
direct	-949 Nov 08 j 22:15	26°♒56'36	
	-948 Jan 07 j 05:36	0°♓	
evening set	-948 Feb 17 j 21:32	4°♓43'46	
conjunction	-948 Mar 06 j 06:19	6°♓56'52	-2°10'48
minimum elong	-948 Mar 06 j 06:17	6°♓56'51	2°10'48
max. Earth dist.	-948 Mar 06 j 04:59	6°♓56'26	10.20046 AU
morning rise	-948 Mar 23 j 20:01	9°♓11'33	
retrograde	-948 Jul 09 j 05:13	17°♓27'48	
opposition	-948 Sep 15 j 22:47	13°♓57'54	-2°49'05
min. Earth dist.	-948 Sep 15 j 22:43	13°♓57'54	8.14739 AU
direct	-948 Nov 21 j 12:03	10°♓32'40	
evening set	-947 Mar 03 j 03:42	18°♓29'29	
conjunction	-947 Mar 20 j 16:40	20°♓45'19	-2°18'41
minimum elong	-947 Mar 20 j 16:39	20°♓45'18	2°18'41
max. Earth dist.	-947 Mar 20 j 18:28	20°♓45'54	10.09647 AU
morning rise	-947 Apr 07 j 10:06	23°♓02'37	
	-947 Jun 13 j 08:08	0°♈	
retrograde	-947 Jul 23 j 22:18	1°♈26'08	
	-947 Sep 02 j 22:48	30°℞♓	
opposition	-947 Sep 30 j 02:35	27°♓55'27	-2°54'17
min. Earth dist.	-947 Sep 30 j 00:02	27°♓55'59	8.05442 AU
direct	-947 Dec 05 j 08:59	24°♓28'59	
	-946 Feb 24 j 23:54	0°♈	
evening set	-946 Mar 17 j 20:11	2°♈34'31	
conjunction	-946 Apr 04 j 13:30	4°♈52'51	-2°18'29
minimum elong	-946 Apr 04 j 13:31	4°♈52'51	2°18'29
max. Earth dist.	-946 Apr 04 j 18:06	4°♈54'21	10.01537 AU
morning rise	-946 Apr 22 j 10:35	7°♈12'27	
retrograde	-946 Aug 07 j 19:52	15°♈40'25	
opposition	-946 Oct 14 j 10:42	12°♈09'23	-2°48'57
min. Earth dist.	-946 Oct 14 j 05:59	12°♈10'22	7.98702 AU
direct	-946 Dec 19 j 12:54	8°♈41'49	
evening set	-945 Apr 01 j 20:55	16°♈54'24	
conjunction	-945 Apr 19 j 18:26	19°♈14'46	-2°09'47
minimum elong	-945 Apr 19 j 18:29	19°♈14'47	2°09'47
max. Earth dist.	-945 Apr 20 j 01:33	19°♈17'07	9.96275 AU
morning rise	-945 May 07 j 18:53	21°♈36'07	
	-945 Aug 13 j 01:59	0°♉	
retrograde	-945 Aug 22 j 18:09	0°♉05'13	
	-945 Sep 01 j 08:54	30°℞♈	
opposition	-945 Oct 28 j 21:18	26°♈34'18	-2°32'56
min. Earth dist.	-945 Oct 28 j 14:56	26°♈35'38	7.94998 AU
direct	-944 Jan 03 j 00:21	23°♈05'48	
	-944 Apr 05 j 05:12	0°♉	
evening set	-944 Apr 16 j 03:38	1°♉23'15	
conjunction	-944 May 04 j 04:50	3°♉45'00	-1°52'51
minimum elong	-944 May 04 j 04:54	3°♉45'01	1°52'51
max. Earth dist.	-944 May 04 j 13:46	3°♉47'56	9.94246 AU
morning rise	-944 May 22 j 07:55	6°♉07'21	
retrograde	-944 Sep 05 j 13:40	14°♉34'03	
opposition	-944 Nov 11 j 08:14	11°♉03'43	-2°07'05
min. Earth dist.	-944 Nov 11 j 01:00	11°♉05'13	7.94611 AU
direct	-943 Jan 16 j 16:17	7°♉34'32	
	-943 Apr 24 j 10:42	15°♉	
evening set	-943 May 01 j 13:03	15°♉54'15	
conjunction	-943 May 19 j 16:55	18°♉16'31	-1°28'45
minimum elong	-943 May 19 j 16:59	18°♉16'32	1°28'45
max. Earth dist.	-943 May 20 j 02:55	18°♉19'48	9.95604 AU
morning rise	-943 Jun 06 j 21:26	20°♉38'57	
retrograde	-943 Sep 20 j 04:33	29°♉00'03	
opposition	-943 Nov 25 j 17:42	25°♉30'42	-1°33'15
min. Earth dist.	-943 Nov 25 j 09:54	25°♉32'20	7.97584 AU
direct	-942 Jan 31 j 10:22	22°♉01'09	
	-942 May 14 j 05:41	0°♊	
evening set	-942 May 16 j 21:33	0°♊20'21	
conjunction	-942 Jun 04 j 02:37	2°♊42'10	-0°59'14
minimum elong	-942 Jun 04 j 02:39	2°♊42'11	0°59'14
max. Earth dist.	-942 Jun 04 j 13:22	2°♊45'41	10.00252 AU
morning rise	-942 Jun 22 j 06:58	5°♊03'42	
retrograde	-942 Oct 04 j 12:45	13°♊16'40	
opposition	-942 Dec 09 j 23:41	9°♊48'35	-0°53'58
min. Earth dist.	-942 Dec 09 j 15:17	9°♊50'19	8.03713 AU
direct	-941 Feb 15 j 03:46	6°♊18'56	
evening set	-941 Jun 01 j 02:04	14°♊35'05	
conjunction	-941 Jun 19 j 06:40	16°♊55'30	-0°26'28
minimum elong	-941 Jun 19 j 06:42	16°♊55'30	0°26'28
max. Earth dist.	-941 Jun 19 j 17:39	16°♊59'03	10.07858 AU
morning rise	-941 Jul 07 j 09:12	19°♊15'11	
retrograde	-941 Oct 18 j 13:19	27°♊18'13	
opposition	-941 Dec 24 j 00:31	23°♊51'36	-0°12'10
min. Earth dist.	-941 Dec 23 j 15:53	23°♊53'22	8.12559 AU
direct	-940 Feb 29 j 18:43	20°♊22'09	
asc. node	-940 Apr 11 j 16:56	21°♊53'52	
evening set	-940 Jun 14 j 23:44	28°♊33'06	
	-940 Jun 26 j 10:04	0°♋	
conjunction	-940 Jul 03 j 02:11	0°♋51'16	0°07'21
minimum elong	-940 Jul 03 j 02:10	0°♋51'15	0°07'22
behind sun begin	-940 Jul 02 j 19:30	0°♋49'08	
behind sun end	-940 Jul 03 j 08:51	0°♋53'22	
max. Earth dist.	-940 Jul 03 j 12:43	0°♋54'37	10.17861 AU
morning rise	-940 Jul 21 j 01:18	3°♋08'20	
retrograde	-940 Oct 31 j 04:38	11°♋00'34	
opposition	-939 Jan 05 j 19:23	7°♋35'31	0°29'20
min. Earth dist.	-939 Jan 05 j 11:03	7°♋37'13	8.23477 AU
direct	-939 Mar 15 j 04:42	4°♋06'34	
evening set	-939 Jun 29 j 12:13	12°♋10'42	
conjunction	-939 Jul 17 j 10:59	14°♋25'59	0°39'54
minimum elong	-939 Jul 17 j 10:58	14°♋25'58	0°39'55
max. Earth dist.	-939 Jul 17 j 20:29	14°♋28'59	10.29528 AU
morning rise	-939 Aug 04 j 05:24	16°♋39'55	
retrograde	-939 Nov 13 j 11:11	24°♋21'23	
opposition	-938 Jan 19 j 07:38	20°♋57'58	1°08'03
min. Earth dist.	-938 Jan 19 j 00:45	20°♋59'20	8.35696 AU
direct	-938 Mar 29 j 07:37	17°♋29'44	
evening set	-938 Jul 13 j 14:16	25°♋26'09	
conjunction	-938 Jul 31 j 08:16	27°♋38'14	1°09'35
minimum elong	-938 Jul 31 j 08:13	27°♋38'14	1°09'36
max. Earth dist.	-938 Jul 31 j 15:43	27°♋40'34	10.42091 AU
morning rise	-938 Aug 17 j 21:21	29°♋48'50	
	-938 Aug 19 j 10:00	0°♌	
retrograde	-938 Nov 26 j 10:07	7°♌20'10	
opposition	-937 Feb 01 j 13:13	3°♌58'20	1°42'05
min. Earth dist.	-937 Feb 01 j 08:29	3°♌59'16	8.48493 AU
direct	-937 Apr 12 j 02:14	0°♌31'05	
evening set	-937 Jul 27 j 05:18	8°♌19'20	

Attention, astronomical year style is used: The year -937 in astronomical counting style is the year 938 BCE in historical counting style.

conjunction	-937 Aug 13 j 17:57	10°♌28'10	1°35'00
minimum elong	-937 Aug 13 j 17:54	10°♌28'09	1°35'01
max. Earth dist.	-937 Aug 13 j 22:35	10°♌29'35	10.54902 AU
morning rise	-937 Aug 31 j 01:33	12°♌35'26	
	-937 Sep 20 j 20:07	15°♌	
retrograde	-937 Dec 08 j 23:30	19°♌57'35	
opposition	-936 Feb 14 j 12:29	16°♌37'13	2°10'05
min. Earth dist.	-936 Feb 14 j 09:45	16°♌37'45	8.61269 AU
	-936 Mar 07 j 05:09	15°℞♌	
direct	-936 Apr 24 j 14:47	13°♌11'03	
	-936 Jun 11 j 06:04	15°♌	
evening set	-936 Aug 08 j 09:21	20°♌51'02	
conjunction	-936 Aug 25 j 16:31	22°♌56'40	1°55'14
minimum elong	-936 Aug 25 j 16:28	22°♌56'39	1°55'15
max. Earth dist.	-936 Aug 25 j 18:25	22°♌57'15	10.67416 AU
morning rise	-936 Sep 11 j 18:49	25°♌00'49	
	-936 Oct 29 j 13:46	0°♍	
retrograde	-936 Dec 20 j 05:22	2°♍14'56	
	-935 Feb 12 j 01:36	30°℞♌	
opposition	-935 Feb 26 j 05:48	28°♌55'48	2°31'15
min. Earth dist.	-935 Feb 26 j 04:21	28°♌56'04	8.73495 AU
direct	-935 May 07 j 20:44	25°♌30'49	
	-935 Jul 24 j 19:47	0°♍	
evening set	-935 Aug 21 j 02:41	3°♍02'36	
conjunction	-935 Sep 07 j 04:49	5°♍05'20	2°09'47
minimum elong	-935 Sep 07 j 04:46	5°♍05'19	2°09'48
max. Earth dist.	-935 Sep 07 j 04:55	5°♍05'21	10.79132 AU
morning rise	-935 Sep 24 j 02:16	7°♍06'39	
retrograde	-934 Jan 01 j 07:37	14°♍14'01	
opposition	-934 Mar 10 j 17:48	10°♍55'50	2°45'11
min. Earth dist.	-934 Mar 10 j 17:23	10°♍55'54	8.84672 AU
direct	-934 May 20 j 17:40	7°♍32'04	
evening set	-934 Sep 02 j 09:59	14°♍56'00	
conjunction	-934 Sep 19 j 07:47	16°♍56'15	2°18'25
minimum elong	-934 Sep 19 j 07:45	16°♍56'15	2°18'25
max. Earth dist.	-934 Sep 19 j 06:51	16°♍55'58	10.89576 AU
morning rise	-934 Oct 06 j 01:06	18°♍55'14	
retrograde	-933 Jan 13 j 03:40	25°♍57'07	
opposition	-933 Mar 23 j 01:13	22°♍39'39	2°51'53
min. Earth dist.	-933 Mar 23 j 02:34	22°♍39'24	8.94352 AU
direct	-933 Jun 02 j 06:26	19°♍17'02	
evening set	-933 Sep 14 j 08:49	26°♍33'51	
conjunction	-933 Oct 01 j 02:54	28°♍32'03	2°21'10
minimum elong	-933 Oct 01 j 02:54	28°♍32'03	2°21'09
max. Earth dist.	-933 Oct 01 j 00:06	28°♍31'14	10.98340 AU
	-933 Oct 13 j 12:56	0°♎	
morning rise	-933 Oct 17 j 17:06	0°♎29'11	
retrograde	-932 Jan 24 j 20:25	7°♎27'01	
opposition	-932 Apr 03 j 04:55	4°♎10'02	2°51'31
min. Earth dist.	-932 Apr 03 j 08:31	4°♎09'22	9.02175 AU
direct	-932 Jun 13 j 14:54	0°♎48'27	
evening set	-932 Sep 25 j 00:24	7°♎59'03	
conjunction	-932 Oct 11 j 15:34	9°♎55'44	2°18'14
minimum elong	-932 Oct 11 j 15:35	9°♎55'44	2°18'13
max. Earth dist.	-932 Oct 11 j 10:19	9°♎54'11	11.05121 AU
morning rise	-932 Oct 28 j 03:46	11°♎51'33	
retrograde	-931 Feb 04 j 10:25	18°♎46'49	
opposition	-931 Apr 15 j 05:56	15°♎30'00	2°44'29
min. Earth dist.	-931 Apr 15 j 10:52	15°♎29'06	9.07876 AU
direct	-931 Jun 25 j 17:19	12°♎09'23	
evening set	-931 Oct 06 j 10:05	19°♎14'49	

conjunction	-931 Oct 22 j 23:24	21°♎10'28	2°09'58
minimum elong	-931 Oct 22 j 23:26	21°♎10'29	2°09'58
max. Earth dist.	-931 Oct 22 j 17:04	21°♎08'37	11.09694 AU
morning rise	-931 Nov 08 j 10:30	23°♎05'32	
retrograde	-930 Feb 16 j 00:15	29°♎59'49	
opposition	-930 Apr 27 j 05:09	26°♎42'54	2°31'15
min. Earth dist.	-930 Apr 27 j 10:34	26°♎41'54	9.11258 AU
direct	-930 Jul 07 j 16:37	23°♎23'06	
	-930 Oct 14 j 01:35	0°♏	
evening set	-930 Oct 17 j 15:58	0°♏24'36	
conjunction	-930 Nov 03 j 04:22	2°♏19'47	1°56'49
minimum elong	-930 Nov 03 j 04:25	2°♏19'48	1°56'48
max. Earth dist.	-930 Nov 02 j 21:40	2°♏17'50	11.11896 AU
morning rise	-930 Nov 19 j 15:08	4°♏14'35	
retrograde	-929 Feb 27 j 16:09	11°♏09'23	
opposition	-929 May 09 j 03:35	7°♏52'11	2°12'24
min. Earth dist.	-929 May 09 j 09:40	7°♏51'04	9.12207 AU
direct	-929 Jul 19 j 11:13	4°♏33'03	
evening set	-929 Oct 28 j 19:49	11°♏31'59	
conjunction	-929 Nov 14 j 07:55	13°♏27'11	1°39'15
minimum elong	-929 Nov 14 j 07:57	13°♏27'12	1°39'14
max. Earth dist.	-929 Nov 14 j 00:06	13°♏24'54	11.11654 AU
	-929 Nov 27 j 14:00	15°♏	
morning rise	-929 Nov 30 j 19:17	15°♏22'15	
retrograde	-928 Mar 10 j 08:23	22°♏19'09	
opposition	-928 May 20 j 02:50	19°♏01'26	1°48'33
min. Earth dist.	-928 May 20 j 10:13	19°♏00'04	9.10700 AU
direct	-928 Jul 30 j 03:27	15°♏42'46	
evening set	-928 Nov 07 j 23:14	22°♏40'37	
conjunction	-928 Nov 24 j 11:39	24°♏36'17	1°17'52
minimum elong	-928 Nov 24 j 11:41	24°♏36'17	1°17'51
max. Earth dist.	-928 Nov 24 j 02:28	24°♏33'35	11.08980 AU
morning rise	-928 Dec 11 j 00:27	26°♏32'05	
	-927 Jan 12 j 13:02	0°♐	
retrograde	-927 Mar 22 j 04:59	3°♐32'42	
opposition	-927 Jun 01 j 03:40	0°♐14'14	1°20'27
min. Earth dist.	-927 Jun 01 j 11:43	0°♐12'45	9.06787 AU
	-927 Jun 04 j 09:03	30°℞♏	
direct	-927 Aug 10 j 21:08	26°♏55'50	
	-927 Oct 13 j 00:53	0°♐	
evening set	-927 Nov 19 j 04:14	3°♐54'06	
conjunction	-927 Dec 05 j 17:44	5°♐50'41	0°53'21
minimum elong	-927 Dec 05 j 17:45	5°♐50'41	0°53'20
max. Earth dist.	-927 Dec 05 j 08:36	5°♐47'59	11.03951 AU
morning rise	-927 Dec 22 j 08:24	7°♐47'39	
retrograde	-926 Apr 03 j 05:59	14°♐53'33	
opposition	-926 Jun 13 j 06:57	11°♐34'06	0°48'55
min. Earth dist.	-926 Jun 13 j 14:37	11°♐32'41	9.00592 AU
direct	-926 Aug 22 j 14:41	8°♐15'45	
evening set	-926 Nov 30 j 12:37	15°♐16'02	
conjunction	-926 Dec 17 j 03:42	17°♐13'55	0°26'26
minimum elong	-926 Dec 17 j 03:43	17°♐13'56	0°26'26
max. Earth dist.	-926 Dec 16 j 19:22	17°♐11'27	10.96721 AU
morning rise	-925 Jan 02 j 20:34	19°♐12'26	
retrograde	-925 Apr 15 j 14:27	26°♐25'08	
opposition	-925 Jun 25 j 14:08	23°♐04'32	0°14'54
min. Earth dist.	-925 Jun 25 j 21:00	23°♐03'15	8.92321 AU
direct	-925 Sep 03 j 10:39	19°♐46'02	
desc. node	-925 Dec 02 j 16:36	25°♐44'39	
evening set	-925 Dec 12 j 02:13	26°♐49'52	
conjunction	-925 Dec 28 j 19:01	28°♐49'25	-0°02'03

Attention, astronomical year style is used: The year -925 in astronomical counting style is the year 926 BCE in historical counting style.

minimum elong	-925 Dec 28 j 19:02	28°♐49'26	0°02'03	
behind sun begin	-925 Dec 28 j 12:02	28°♐47'21		
behind sun end	-925 Dec 29 j 02:02	28°♐51'30		
max. Earth dist.	-925 Dec 28 j 10:42	28°♐46'57	10.87550 AU	
	-924 Jan 07 j 14:25	0°♑		
morning rise	-924 Jan 14 j 14:35	0°♑49'52		
retrograde	-924 Apr 27 j 06:07	8°♑10'43		
opposition	-924 Jul 07 j 02:12	4°♑48'51	-0°20'27	
min. Earth dist.	-924 Jul 07 j 08:46	4°♑47'37	8.82289 AU	
direct	-924 Sep 14 j 08:31	1°♑29'56		
evening set	-924 Dec 22 j 22:51	8°♑38'56		
conjunction	-923 Jan 08 j 17:45	10°♑40'27	-0°30'53	
minimum elong	-923 Jan 08 j 17:44	10°♑40'27	0°30'53	
max. Earth dist.	-923 Jan 08 j 09:31	10°♑37'57	10.76793 AU	
morning rise	-923 Jan 25 j 16:20	12°♑43'06		
retrograde	-923 May 10 j 03:29	20°♑13'18		
opposition	-923 Jul 19 j 19:42	16°♑50'03	-0°55'49	
min. Earth dist.	-923 Jul 20 j 01:56	16°♑48'52	8.70898 AU	
direct	-923 Sep 26 j 12:56	13°♑30'28		
evening set	-922 Jan 04 j 03:58	20°♑46'08		
conjunction	-922 Jan 21 j 01:24	22°♑49'53	-0°59'02	
minimum elong	-922 Jan 21 j 01:22	22°♑49'53	0°59'03	
max. Earth dist.	-922 Jan 20 j 18:27	22°♑47'45	10.64875 AU	
morning rise	-922 Feb 07 j 03:05	24°♑54'58		
	-922 Mar 27 j 02:41	0°♒		
retrograde	-922 May 23 j 10:35	2°♒35'26		
	-922 Jul 22 j 00:35	30°℞♑		
opposition	-922 Aug 01 j 19:23	29°♑10'43	-1°29'37	
min. Earth dist.	-922 Aug 02 j 00:27	29°♑09'44	8.58605 AU	
direct	-922 Oct 08 j 23:53	25°♑50'17		
	-922 Dec 19 j 14:19	0°♒		
evening set	-921 Jan 16 j 18:54	3°♒13'50		
conjunction	-921 Feb 02 j 19:11	5°♒20'04	-1°25'07	
minimum elong	-921 Feb 02 j 19:09	5°♒20'03	1°25'08	
max. Earth dist.	-921 Feb 02 j 14:28	5°♒18'36	10.52286 AU	
morning rise	-921 Feb 19 j 23:59	7°♒27'45		
	-921 May 17 j 19:34	15°♒		
retrograde	-921 Jun 06 j 03:14	15°♒18'54		
	-921 Jun 25 j 12:53	15°℞♒		
opposition	-921 Aug 15 j 01:35	11°♒52'43	-2°00'08	
min. Earth dist.	-921 Aug 15 j 04:40	11°♒52'07	8.45935 AU	
direct	-921 Oct 21 j 16:24	8°♒31'16		
	-920 Jan 21 j 03:36	15°♒		
evening set	-920 Jan 29 j 20:49	16°♒03'42		
conjunction	-920 Feb 16 j 00:15	18°♒12'33	-1°47'39	
minimum elong	-920 Feb 16 j 00:12	18°♒12'33	1°47'40	
max. Earth dist.	-920 Feb 15 j 21:18	18°♒11'38	10.39588 AU	
morning rise	-920 Mar 04 j 08:25	20°♒22'58		
retrograde	-920 Jun 19 j 03:40	28°♒24'39		
opposition	-920 Aug 27 j 14:29	24°♒57'04	-2°25'27	
min. Earth dist.	-920 Aug 27 j 15:50	24°♒56'48	8.33451 AU	
direct	-920 Nov 02 j 16:57	21°♒34'24		
evening set	-919 Feb 11 j 10:08	29°♒16'22		
	-919 Feb 17 j 04:50	0°♓		
conjunction	-919 Feb 28 j 17:04	1°♓27'58	-2°05'08	
minimum elong	-919 Feb 28 j 17:02	1°♓27'57	2°05'08	
max. Earth dist.	-919 Feb 28 j 15:17	1°♓27'23	10.27353 AU	
morning rise	-919 Mar 18 j 04:55	3°♓41'08		
retrograde	-919 Jul 03 j 11:48	11°♓52'32		
opposition	-919 Sep 10 j 09:50	8°♓23'46	-2°43'39	
min. Earth dist.	-919 Sep 10 j 09:59	8°♓23'44	8.21715 AU	
direct	-919 Nov 16 j 01:45	4°♓59'48		
evening set	-918 Feb 25 j 10:58	12°♓51'30		
conjunction	-918 Mar 14 j 21:45	15°♓05'51	-2°16'07	
minimum elong	-918 Mar 14 j 21:44	15°♓05'50	2°16'07	
max. Earth dist.	-918 Mar 14 j 21:08	15°♓05'39	10.16188 AU	
morning rise	-918 Apr 01 j 13:24	17°♓21'44		
retrograde	-918 Jul 18 j 02:23	25°♓41'21		
opposition	-918 Sep 24 j 11:00	22°♓11'40	-2°53'01	
min. Earth dist.	-918 Sep 24 j 10:08	22°♓11'51	8.11396 AU	
direct	-918 Nov 29 j 18:43	18°♓46'23		
evening set	-917 Mar 11 j 22:29	26°♓47'20		
conjunction	-917 Mar 29 j 13:32	29°♓04'17	-2°19'26	
minimum elong	-917 Mar 29 j 13:33	29°♓04'17	2°19'27	
max. Earth dist.	-917 Mar 29 j 15:08	29°♓04'48	10.06835 AU	
	-917 Apr 05 j 16:38	0°♈		
morning rise	-917 Apr 16 j 09:01	1°♈22'39		
retrograde	-917 Aug 01 j 21:21	9°♈48'05		
opposition	-917 Oct 08 j 16:58	6°♈17'48	-2°52'17	
min. Earth dist.	-917 Oct 08 j 14:34	6°♈18'18	8.03239 AU	
direct	-917 Dec 13 j 20:12	2°♈51'14		
evening set	-916 Mar 25 j 19:10	11°♈00'04		
conjunction	-916 Apr 12 j 14:40	13°♈19'19	-2°14'25	
minimum elong	-916 Apr 12 j 14:42	13°♈19'20	2°14'25	
max. Earth dist.	-916 Apr 12 j 18:57	13°♈20'44	9.99990 AU	
morning rise	-916 Apr 30 j 13:44	15°♈39'44		
retrograde	-916 Aug 15 j 17:41	24°♈07'50		
opposition	-916 Oct 22 j 02:04	20°♈37'18	-2°40'52	
min. Earth dist.	-916 Oct 21 j 21:48	20°♈38'11	7.97841 AU	
direct	-916 Dec 27 j 05:46	17°♈09'34		
evening set	-915 Apr 09 j 22:59	25°♈24'20		
conjunction	-915 Apr 27 j 22:35	27°♈45'19	-2°01'00	
minimum elong	-915 Apr 27 j 22:38	27°♈45'20	2°00'59	
max. Earth dist.	-915 Apr 28 j 05:27	27°♈47'35	9.96155 AU	
	-915 May 15 j 02:35	0°♉		
morning rise	-915 May 16 j 00:34	0°♉07'05		
retrograde	-915 Aug 30 j 12:41	8°♉34'24		
opposition	-915 Nov 05 j 12:17	5°♉04'03	-2°19'13	
min. Earth dist.	-915 Nov 05 j 06:11	5°♉05'19	7.95597 AU	
direct	-914 Jan 10 j 19:20	1°♉35'21		
evening set	-914 Apr 25 j 06:43	9°♉53'33		
conjunction	-914 May 13 j 09:35	12°♉15'30	-1°39'55	
minimum elong	-914 May 13 j 09:39	12°♉15'31	1°39'54	
max. Earth dist.	-914 May 13 j 18:43	12°♉18'30	9.95612 AU	
morning rise	-914 May 31 j 13:28	14°♉37'47		
	-914 Jun 03 j 10:47	15°♉		
retrograde	-914 Sep 14 j 05:12	23°♉01'00		
opposition	-914 Nov 19 j 21:52	19°♉31'12	-1°48'42	
min. Earth dist.	-914 Nov 19 j 14:17	19°♉32'47	7.96671 AU	
direct	-913 Jan 25 j 11:16	16°♉01'47		
evening set	-913 May 10 j 15:00	24°♉20'43		
conjunction	-913 May 28 j 19:51	26°♉42'44	-1°12'37	
minimum elong	-913 May 28 j 19:54	26°♉42'45	1°12'36	
max. Earth dist.	-913 May 29 j 06:24	26°♉46'11	9.98386 AU	
morning rise	-913 Jun 16 j 00:18	29°♉04'37		
	-913 Jun 23 j 07:03	0°♊		
retrograde	-913 Sep 28 j 16:41	7°♊20'52		
opposition	-913 Dec 04 j 04:48	3°♊51'59	-1°11'36	
min. Earth dist.	-913 Dec 03 j 20:44	3°♊53'39	8.00975 AU	
direct	-912 Feb 09 j 03:34	0°♊22'08		
evening set	-912 May 24 j 20:56	8°♊39'16		
conjunction	-912 Jun 12 j 02:03	11°♊00'21	-0°41'05	

Attention, astronomical year style is used: The year -912 in astronomical counting style is the year 913 BCE in historical counting style.

minimum elong	-912 Jun	12 j 02:05	11°♊00'22	0°41'04
max. Earth dist.	-912 Jun	12 j 12:46	11°♊03'50	10.04253 AU
morning rise	-912 Jun	30 j 05:27	13°♊20'52	
retrograde	-912 Oct	11 j 21:05	21°♊28'01	
opposition	-912 Dec	17 j 07:21	18°♊00'23	-0°30'39
min. Earth dist.	-912 Dec	16 j 23:37	18°♊01'58	8.08192 AU
direct	-911 Feb	22 j 18:54	14°♊30'25	
evening set	-911 Jun	08 j 21:17	22°♊43'30	
conjunction	-911 Jun	27 j 00:54	25°♊02'44	-0°07'36
minimum elong	-911 Jun	27 j 00:54	25°♊02'44	0°07'35
behind sun begin	-911 Jun	26 j 18:16	25°♊00'37	
behind sun end	-911 Jun	27 j 07:32	25°♊04'51	
max. Earth dist.	-911 Jun	27 j 10:53	25°♊05'56	10.12788 AU
morning rise	-911 Jul	15 j 01:38	27°♊21'01	
	-911 Aug	05 j 23:25	0°♋	
asc. node	-911 Sep	20 j 02:31	4°♋08'44	
retrograde	-911 Oct	25 j 15:40	5°♋17'52	
opposition	-911 Dec	31 j 04:32	1°♋51'41	0°11'13
min. Earth dist.	-911 Dec	30 j 21:26	1°♋53'08	8.17832 AU
	-910 Jan	24 j 06:45	30°℞♊	
direct	-910 Mar	09 j 07:25	28°♊21'58	
	-910 Apr	21 j 22:48	0°♋	
evening set	-910 Jun	23 j 13:21	6°♋29'07	
conjunction	-910 Jul	11 j 13:50	8°♋45'45	0°25'45
minimum elong	-910 Jul	11 j 13:49	8°♋45'45	0°25'46
max. Earth dist.	-910 Jul	11 j 22:33	8°♋48'31	10.23425 AU
morning rise	-910 Jul	29 j 10:37	11°♋01'11	
retrograde	-910 Nov	08 j 00:32	18°♋47'22	
opposition	-909 Jan	13 j 19:21	15°♋22'43	0°51'23
min. Earth dist.	-909 Jan	13 j 12:51	15°♋24'02	8.29281 AU
direct	-909 Mar	23 j 13:46	11°♋53'34	
evening set	-909 Jul	07 j 19:44	19°♋53'28	
conjunction	-909 Jul	25 j 15:56	22°♋07'03	0°56'52
minimum elong	-909 Jul	25 j 15:54	22°♋07'02	0°56'53
max. Earth dist.	-909 Jul	25 j 23:07	22°♋09'18	10.35511 AU
morning rise	-909 Aug	12 j 07:44	24°♋19'13	
	-909 Oct	05 j 09:04	0°♌	
retrograde	-909 Nov	21 j 01:44	1°♌54'57	
	-908 Jan	08 j 01:28	30°℞♋	
opposition	-908 Jan	27 j 03:21	28°♋31'51	1°27'39
min. Earth dist.	-908 Jan	26 j 21:19	28°♋33'03	8.41858 AU
direct	-908 Apr	05 j 12:27	25°♋03'35	
	-908 Jun	25 j 08:26	0°♌	
evening set	-908 Jul	20 j 15:21	2°♌55'25	
conjunction	-908 Aug	07 j 06:31	5°♌05'44	1°24'17
minimum elong	-908 Aug	07 j 06:28	5°♌05'43	1°24'17
max. Earth dist.	-908 Aug	07 j 12:37	5°♌07'37	10.48367 AU
morning rise	-908 Aug	24 j 16:44	7°♌14'31	
retrograde	-908 Dec	02 j 19:18	14°♌40'31	
opposition	-907 Feb	08 j 04:58	11°♌18'57	1°58'25
min. Earth dist.	-907 Feb	07 j 23:57	11°♌19'56	8.54887 AU
direct	-907 Apr	19 j 03:07	7°♌51'48	
	-907 Jul	29 j 01:24	15°♌	
evening set	-907 Aug	02 j 23:41	15°♌35'12	
conjunction	-907 Aug	20 j 09:29	17°♌42'14	1°46'52
minimum elong	-907 Aug	20 j 09:25	17°♌42'13	1°46'53
max. Earth dist.	-907 Aug	20 j 14:19	17°♌43'43	10.61334 AU
morning rise	-907 Sep	06 j 14:04	19°♌47'44	
retrograde	-907 Dec	15 j 05:02	27°♌05'04	
opposition	-906 Feb	21 j 00:27	23°♌44'56	2°22'39
min. Earth dist.	-906 Feb	20 j 21:11	23°♌45'34	8.67727 AU
direct	-906 May	02 j 10:22	20°♌19'03	
evening set	-906 Aug	15 j 21:14	27°♌54'05	
conjunction	-906 Sep	02 j 01:43	29°♌58'03	2°03'58
minimum elong	-906 Sep	02 j 01:40	29°♌58'02	2°03'59
max. Earth dist.	-906 Sep	02 j 04:28	29°♌58'53	10.73808 AU
	-906 Sep	02 j 08:09	0°♍	
morning rise	-906 Sep	19 j 01:12	2°♍00'33	
retrograde	-906 Dec	27 j 08:21	9°♍10'25	
opposition	-905 Mar	05 j 14:10	5°♍51'34	2°39'47
min. Earth dist.	-905 Mar	05 j 13:11	5°♍51'46	8.79799 AU
direct	-905 May	15 j 09:23	2°♍27'02	
evening set	-905 Aug	28 j 08:41	9°♍54'04	
conjunction	-905 Sep	14 j 08:17	11°♍55'19	2°15'13
minimum elong	-905 Sep	14 j 08:15	11°♍55'18	2°15'13
max. Earth dist.	-905 Sep	14 j 08:08	11°♍55'16	10.85249 AU
morning rise	-905 Oct	01 j 03:27	13°♍55'15	
retrograde	-904 Jan	08 j 05:07	20°♍59'01	
opposition	-904 Mar	16 j 23:08	17°♍41'12	2°49'40
min. Earth dist.	-904 Mar	16 j 23:36	17°♍41'07	8.90583 AU
direct	-904 May	27 j 02:13	14°♍18'02	
evening set	-904 Sep	08 j 10:53	21°♍37'39	
conjunction	-904 Sep	25 j 06:26	23°♍36'37	2°20'33
minimum elong	-904 Sep	25 j 06:25	23°♍36'37	2°20'33
max. Earth dist.	-904 Sep	25 j 04:32	23°♍36'03	10.95192 AU
morning rise	-904 Oct	11 j 22:03	25°♍34'27	
	-904 Nov	23 j 15:11	0°♎	
retrograde	-903 Jan	19 j 00:04	2°♎33'36	
	-903 Mar	19 j 09:27	30°℞♍	
opposition	-903 Mar	29 j 04:07	29°♍16'33	2°52'23
min. Earth dist.	-903 Mar	29 j 05:33	29°♍16'16	8.99652 AU
direct	-903 Jun	08 j 13:33	25°♍54'42	
	-903 Aug	22 j 08:24	0°♎	
evening set	-903 Sep	20 j 05:21	3°♎07'41	
conjunction	-903 Oct	06 j 21:48	5°♎04'54	2°20'07
minimum elong	-903 Oct	06 j 21:48	5°♎04'54	2°20'07
max. Earth dist.	-903 Oct	06 j 18:58	5°♎04'04	11.03262 AU
morning rise	-903 Oct	23 j 10:43	7°♎01'08	
retrograde	-902 Jan	30 j 16:08	13°♎57'05	
opposition	-902 Apr	10 j 06:00	10°♎40'31	2°48'15
min. Earth dist.	-902 Apr	10 j 08:50	10°♎40'00	9.06678 AU
direct	-902 Jun	20 j 16:40	7°♎19'53	
evening set	-902 Oct	01 j 17:31	14°♎27'13	
conjunction	-902 Oct	18 j 07:40	16°♎23'11	2°14'11
minimum elong	-902 Oct	18 j 07:42	16°♎23'12	2°14'11
max. Earth dist.	-902 Oct	18 j 03:15	16°♎21'53	11.09164 AU
morning rise	-902 Nov	03 j 19:01	18°♎18'25	
retrograde	-901 Feb	11 j 06:13	25°♎12'38	
opposition	-901 Apr	22 j 05:52	21°♎56'17	2°37'43
min. Earth dist.	-901 Apr	22 j 10:51	21°♎55'22	9.11400 AU
direct	-901 Jul	02 j 16:19	18°♎36'39	
evening set	-901 Oct	13 j 01:09	25°♎39'31	
conjunction	-901 Oct	29 j 13:44	27°♎34'45	2°03'09
minimum elong	-901 Oct	29 j 13:46	27°♎34'46	2°03'09
max. Earth dist.	-901 Oct	29 j 06:57	27°♎32'46	11.12679 AU
morning rise	-901 Nov	15 j 00:33	29°♎29'29	
	-901 Nov	19 j 11:48	0°♏	
retrograde	-900 Feb	22 j 20:09	6°♏23'31	
opposition	-900 May	03 j 04:40	3°♏07'04	2°21'18
min. Earth dist.	-900 May	03 j 11:13	3°♏05'52	9.13634 AU
	-900 Jun	27 j 19:13	30°℞♎	
direct	-900 Jul	13 j 12:56	29°♎48'13	
	-900 Jul	29 j 04:35	0°♏	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-900 Oct 23 j 05:47	6°♏47'54	
conjunction	-900 Nov 08 j 17:47	8°♏42'54	1°47'30
minimum elong	-900 Nov 08 j 17:49	8°♏42'55	1°47'30
max. Earth dist.	-900 Nov 08 j 09:40	8°♏40'31	11.13651 AU
morning rise	-900 Nov 25 j 04:50	10°♏37'40	
	-899 Jan 07 j 02:27	15°♏	
retrograde	-899 Mar 05 j 11:34	17°♏33'07	
	-899 May 05 j 02:13	15°℞♏	
opposition	-899 May 15 j 03:26	14°♏16'14	1°59'38
min. Earth dist.	-899 May 15 j 10:32	14°♏14'56	9.13251 AU
direct	-899 Jul 25 j 07:37	10°♏57'57	
	-899 Oct 07 j 05:13	15°♏	
evening set	-899 Nov 03 j 09:09	17°♏55'52	
conjunction	-899 Nov 19 j 21:26	19°♏51'10	1°27'47
minimum elong	-899 Nov 19 j 21:28	19°♏51'11	1°27'45
max. Earth dist.	-899 Nov 19 j 12:59	19°♏48'41	11.11974 AU
morning rise	-899 Dec 06 j 09:23	21°♏46'27	