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

opposition	-1400 Feb 06 j 13:56	5°♌24'28	1°34'26
min. Earth dist.	-1400 Feb 07 j 06:48	5°♌19'00	4.42030 AU
direct	-1400 Apr 08 j 22:40	0°♌21'22	
	-1400 Jul 30 j 17:42	15°♌	
evening set	-1400 Aug 14 j 02:37	18°♌04'08	
max. Earth dist.	-1400 Aug 25 j 13:05	20°♌33'26	6.42268 AU
conjunction	-1400 Aug 27 j 00:40	20°♌52'51	1°13'05
minimum elong	-1400 Aug 27 j 00:38	20°♌52'50	1°13'06
morning rise	-1400 Sep 08 j 19:48	23°♌40'09	
	-1400 Oct 09 j 00:35	0°♍	
retrograde	-1399 Jan 07 j 01:53	10°♍34'15	
opposition	-1399 Mar 08 j 15:30	5°♍42'09	1°50'11
min. Earth dist.	-1399 Mar 09 j 21:06	5°♍32'41	4.41034 AU
direct	-1399 May 10 j 08:59	0°♍40'23	
evening set	-1399 Sep 13 j 23:59	18°♍26'48	
max. Earth dist.	-1399 Sep 24 j 18:57	20°♍49'38	6.37983 AU
conjunction	-1399 Sep 26 j 16:17	21°♍14'44	1°13'14
minimum elong	-1399 Sep 26 j 16:18	21°♍14'45	1°13'14
morning rise	-1399 Oct 09 j 06:07	24°♍01'40	
	-1399 Nov 06 j 04:56	0°♎	
retrograde	-1398 Feb 07 j 20:09	11°♎18'55	
opposition	-1398 Apr 09 j 17:36	6°♎27'16	1°35'41
min. Earth dist.	-1398 Apr 11 j 03:25	6°♎16'31	4.33738 AU
direct	-1398 Jun 11 j 02:57	1°♎27'52	
evening set	-1398 Oct 15 j 00:34	19°♎31'04	
max. Earth dist.	-1398 Oct 25 j 17:42	21°♎56'28	6.28230 AU
conjunction	-1398 Oct 27 j 14:40	22°♎22'00	0°52'29
minimum elong	-1398 Oct 27 j 14:43	22°♎22'01	0°52'29
morning rise	-1398 Nov 09 j 03:58	25°♎12'43	
	-1398 Nov 30 j 19:40	0°♏	
retrograde	-1397 Mar 13 j 12:05	13°♏16'43	
opposition	-1397 May 13 j 11:04	8°♏23'46	0°52'05
min. Earth dist.	-1397 May 14 j 15:47	8°♏14'35	4.22064 AU
direct	-1397 Jul 13 j 21:45	3°♏27'07	
	-1397 Oct 15 j 19:41	15°♏	
evening set	-1397 Nov 16 j 01:14	21°♏57'29	
max. Earth dist.	-1397 Nov 27 j 11:38	24°♏37'05	6.15690 AU
conjunction	-1397 Nov 28 j 17:21	24°♏54'25	0°14'54
minimum elong	-1397 Nov 28 j 17:22	24°♏54'26	0°14'52
behind sun begin	-1397 Nov 28 j 13:59	24°♏52'28	
behind sun end	-1397 Nov 28 j 20:44	24°♏56'24	
morning rise	-1397 Dec 11 j 10:02	27°♏51'57	
	-1397 Dec 20 j 16:19	0°♐	
desc. node	-1396 Apr 11 j 00:58	16°♐53'39	
retrograde	-1396 Apr 17 j 04:21	16°♐57'14	
opposition	-1396 Jun 17 j 00:26	12°♐01'28	-0°11'12
min. Earth dist.	-1396 Jun 17 j 12:56	11°♐57'26	4.09550 AU
direct	-1396 Aug 16 j 01:31	7°♐07'20	
evening set	-1396 Dec 18 j 19:28	26°♐08'37	
conjunction	-1396 Dec 31 j 16:14	29°♐12'28	-0°29'15
minimum elong	-1396 Dec 31 j 16:12	29°♐12'27	0°29'17
max. Earth dist.	-1396 Dec 31 j 11:49	29°♐09'50	6.04366 AU
	-1395 Jan 03 j 23:52	0°♑	
morning rise	-1395 Jan 13 j 15:20	2°♑17'43	
retrograde	-1395 May 24 j 13:13	22°♑20'21	
opposition	-1395 Jul 23 j 24:00	17°♑20'42	-1°13'45
min. Earth dist.	-1395 Jul 23 j 15:38	17°♑23'28	4.00520 AU
direct	-1395 Sep 20 j 18:11	12°♑27'30	
	-1394 Jan 15 j 15:16	0°♒	
evening set	-1394 Jan 23 j 11:47	1°♒52'05	
conjunction	-1394 Feb 05 j 15:29	5°♒01'34	-1°03'55
minimum elong	-1394 Feb 05 j 15:26	5°♒01'32	1°03'55
max. Earth dist.	-1394 Feb 06 j 18:23	5°♒17'44	5.98430 AU
morning rise	-1394 Feb 18 j 22:12	8°♒12'44	
	-1394 Mar 20 j 06:01	15°♒	
retrograde	-1394 Jul 01 j 07:52	28°♒42'56	
min. Earth dist.	-1394 Aug 29 j 05:33	23°♒48'08	3.98479 AU
opposition	-1394 Aug 30 j 07:01	23°♒39'32	-1°49'25
direct	-1394 Oct 27 j 06:42	18°♒45'09	
	-1393 Jan 24 j 08:00	0°♓	
evening set	-1393 Mar 01 j 12:43	8°♓14'08	
conjunction	-1393 Mar 14 j 23:55	11°♓26'05	-1°14'21
minimum elong	-1393 Mar 14 j 23:55	11°♓26'06	1°14'20
max. Earth dist.	-1393 Mar 16 j 22:53	11°♓54'01	6.00314 AU
morning rise	-1393 Mar 28 j 14:19	14°♓39'33	
	-1393 Jun 10 j 22:46	0°♈	
retrograde	-1393 Aug 06 j 21:30	4°♈51'18	
	-1393 Oct 03 j 20:47	30°℞♓	
min. Earth dist.	-1393 Oct 04 j 04:39	29°♓57'19	4.04158 AU
opposition	-1393 Oct 05 j 13:46	29°♓46'01	-1°42'23
direct	-1393 Dec 02 j 15:52	24°♓48'45	
	-1392 Jan 29 j 17:33	0°♈	
evening set	-1392 Apr 06 j 16:39	14°♈00'40	
conjunction	-1392 Apr 20 j 09:54	17°♈11'17	-0°56'31
minimum elong	-1392 Apr 20 j 09:57	17°♈11'19	0°56'31
max. Earth dist.	-1392 Apr 22 j 11:56	17°♈40'17	6.09215 AU
morning rise	-1392 May 04 j 04:42	20°♈22'28	
	-1392 Jun 17 j 13:04	0°♉	
retrograde	-1392 Sep 09 j 13:33	9°♉39'47	
min. Earth dist.	-1392 Nov 06 j 22:11	4°♉44'46	4.15241 AU
opposition	-1392 Nov 08 j 01:27	4°♉35'29	-0°58'20
	-1392 Dec 21 j 07:42	30°℞♈	
direct	-1391 Jan 06 j 02:09	29°♈35'07	
	-1391 Jan 21 j 22:11	0°♉	
	-1391 Apr 27 j 22:58	15°♉	
evening set	-1391 May 12 j 19:10	18°♉17'08	
conjunction	-1391 May 26 j 13:29	21°♉22'49	-0°19'21
minimum elong	-1391 May 26 j 13:30	21°♉22'49	0°19'20
max. Earth dist.	-1391 May 28 j 00:10	21°♉42'20	6.21597 AU
morning rise	-1391 Jun 09 j 07:19	24°♉28'01	
	-1391 Jul 04 j 17:26	0°♊	
retrograde	-1391 Oct 12 j 01:33	12°♊41'27	
asc. node	-1391 Nov 24 j 02:55	9°♊49'35	
opposition	-1391 Dec 10 j 16:42	7°♊40'21	0°02'36
min. Earth dist.	-1391 Dec 10 j 01:56	7°♊45'19	4.27684 AU
direct	-1390 Feb 08 j 23:13	2°♊37'46	
evening set	-1390 Jun 16 j 05:46	20°♊50'03	
conjunction	-1390 Jun 29 j 19:18	23°♊48'51	0°22'40
minimum elong	-1390 Jun 29 j 19:16	23°♊48'50	0°22'41
max. Earth dist.	-1390 Jun 30 j 03:23	23°♊53'18	6.33183 AU
morning rise	-1390 Jul 13 j 06:38	26°♊46'24	
	-1390 Jul 28 j 05:37	0°♋	
retrograde	-1390 Nov 12 j 04:47	14°♋09'09	
opposition	-1389 Jan 11 j 00:57	9°♋12'02	0°59'41
min. Earth dist.	-1389 Jan 11 j 04:16	9°♋10'56	4.37538 AU
direct	-1389 Mar 13 j 14:49	4°♋08'34	
evening set	-1389 Jul 18 j 23:42	21°♋59'58	
max. Earth dist.	-1389 Jul 31 j 11:15	24°♋42'41	6.40529 AU
conjunction	-1389 Aug 01 j 05:04	24°♋52'23	0°56'40
minimum elong	-1389 Aug 01 j 05:01	24°♋52'21	0°56'41

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

morning rise	-1389 Aug 14 j 07:20	27°♋43'14	
	-1389 Aug 24 j 22:12	0°♌	
retrograde	-1389 Dec 12 j 15:31	14°♌39'29	
opposition	-1388 Feb 10 j 21:21	9°♌45'39	1°38'19
min. Earth dist.	-1388 Feb 11 j 16:15	9°♌39'32	4.42051 AU
direct	-1388 Apr 13 j 07:10	4°♌42'37	
	-1388 Jul 13 j 13:40	15°♌	
evening set	-1388 Aug 18 j 11:06	22°♌25'59	
max. Earth dist.	-1388 Aug 29 j 19:38	24°♌54'27	6.41772 AU
conjunction	-1388 Aug 31 j 08:18	25°♌14'30	1°14'21
minimum elong	-1388 Aug 31 j 08:17	25°♌14'30	1°14'22
morning rise	-1388 Sep 13 j 02:25	28°♌01'37	
	-1388 Sep 22 j 05:51	0°♍	
retrograde	-1387 Jan 11 j 11:38	14°♍58'21	
opposition	-1387 Mar 13 j 02:13	10°♍06'27	1°49'59
min. Earth dist.	-1387 Mar 14 j 08:53	9°♍56'39	4.40069 AU
direct	-1387 May 14 j 19:07	5°♍05'01	
evening set	-1387 Sep 18 j 08:46	22°♍54'01	
max. Earth dist.	-1387 Sep 29 j 01:15	25°♍16'03	6.36616 AU
conjunction	-1387 Oct 01 j 00:26	25°♍42'16	1°11'30
minimum elong	-1387 Oct 01 j 00:27	25°♍42'17	1°11'29
morning rise	-1387 Oct 13 j 14:07	28°♍29'39	
	-1387 Oct 20 j 10:22	0°♎	
retrograde	-1386 Feb 12 j 13:02	15°♎53'05	
opposition	-1386 Apr 14 j 10:01	11°♎01'20	1°31'06
min. Earth dist.	-1386 Apr 15 j 19:46	10°♎50'36	4.32059 AU
direct	-1386 Jun 15 j 16:58	6°♎02'18	
evening set	-1386 Oct 19 j 12:13	24°♎09'33	
max. Earth dist.	-1386 Oct 30 j 08:16	26°♎37'11	6.26399 AU
conjunction	-1386 Nov 01 j 02:35	27°♎01'18	0°47'57
minimum elong	-1386 Nov 01 j 02:37	27°♎01'19	0°47'56
morning rise	-1386 Nov 13 j 16:02	29°♎52'53	
	-1386 Nov 14 j 04:35	0°♏	
	-1385 Jan 31 j 19:10	15°♏	
retrograde	-1385 Mar 18 j 10:40	18°♏05'17	
	-1385 May 03 j 23:44	15°℞♏	
opposition	-1385 May 18 j 10:06	13°♏12'01	0°43'51
min. Earth dist.	-1385 May 19 j 12:20	13°♏03'38	4.20215 AU
direct	-1385 Jul 18 j 15:45	8°♏15'51	
	-1385 Sep 25 j 16:24	15°♏	
evening set	-1385 Nov 20 j 18:10	26°♏50'33	
max. Earth dist.	-1385 Dec 02 j 07:45	29°♏32'39	6.13985 AU
conjunction	-1385 Dec 03 j 10:40	29°♏48'25	0°08'40
minimum elong	-1385 Dec 03 j 10:40	29°♏48'25	0°08'39
behind sun begin	-1385 Dec 03 j 03:41	29°♏44'21	
behind sun end	-1385 Dec 03 j 17:39	29°♏52'29	
	-1385 Dec 04 j 06:27	0°♐	
morning rise	-1385 Dec 16 j 04:13	2°♐47'01	
desc. node	-1384 Feb 18 j 19:34	16°♐13'51	
retrograde	-1384 Apr 22 j 09:56	22°♐00'47	
opposition	-1384 Jun 22 j 05:16	17°♐04'28	-0°20'47
min. Earth dist.	-1384 Jun 22 j 14:38	17°♐01'26	4.08122 AU
direct	-1384 Aug 21 j 02:21	12°♐10'33	
	-1384 Dec 18 j 11:19	0°♑	
evening set	-1384 Dec 23 j 18:20	1°♑15'06	
conjunction	-1383 Jan 05 j 16:02	4°♑19'47	-0°35'09
minimum elong	-1383 Jan 05 j 16:00	4°♑19'45	0°35'12
max. Earth dist.	-1383 Jan 05 j 17:17	4°♑20'32	6.03346 AU
morning rise	-1383 Jan 18 j 15:59	7°♑25'52	
retrograde	-1383 May 29 j 22:16	27°♑33'41	
opposition	-1383 Jul 29 j 06:50	22°♑33'30	-1°20'58
min. Earth dist.	-1383 Jul 28 j 19:57	22°♑37'06	4.00031 AU
direct	-1383 Sep 25 j 21:33	17°♑40'18	
	-1383 Dec 28 j 23:34	0°♒	
evening set	-1382 Jan 28 j 15:47	7°♒05'45	
conjunction	-1382 Feb 10 j 20:17	10°♒15'36	-1°07'05
minimum elong	-1382 Feb 10 j 20:15	10°♒15'35	1°07'07
max. Earth dist.	-1382 Feb 12 j 01:28	10°♒33'08	5.98473 AU
morning rise	-1382 Feb 24 j 04:13	13°♒27'14	
	-1382 Mar 02 j 16:36	15°♒	
	-1382 May 16 j 10:20	0°♓	
retrograde	-1382 Jul 06 j 11:41	3°♓56'35	
	-1382 Aug 27 j 02:39	30°℞♒	
min. Earth dist.	-1382 Sep 03 j 07:17	29°♒02'11	3.99076 AU
opposition	-1382 Sep 04 j 11:05	28°♒52'47	-1°51'05
direct	-1382 Nov 01 j 09:31	23°♒58'04	
	-1381 Jan 02 j 21:53	0°♓	
evening set	-1381 Mar 06 j 17:56	13°♓25'04	
conjunction	-1381 Mar 20 j 06:13	16°♓36'59	-1°13'27
minimum elong	-1381 Mar 20 j 06:14	16°♓37'00	1°13'27
max. Earth dist.	-1381 Mar 22 j 07:07	17°♓05'58	6.01399 AU
morning rise	-1381 Apr 02 j 21:17	19°♓50'15	
	-1381 May 18 j 18:45	0°♈	
retrograde	-1381 Aug 11 j 21:50	9°♈55'29	
min. Earth dist.	-1381 Oct 09 j 04:16	5°♈01'06	4.05602 AU
opposition	-1381 Oct 10 j 12:09	4°♈50'13	-1°38'02
	-1381 Nov 29 j 04:59	30°℞♓	
direct	-1381 Dec 07 j 17:38	29°♓52'31	
	-1381 Dec 16 j 05:51	0°♈	
evening set	-1380 Apr 11 j 19:14	19°♈00'20	
conjunction	-1380 Apr 25 j 12:57	22°♈10'25	-0°52'10
minimum elong	-1380 Apr 25 j 13:00	22°♈10'27	0°52'09
max. Earth dist.	-1380 Apr 27 j 13:59	22°♈38'43	6.10895 AU
morning rise	-1380 May 09 j 07:58	25°♈20'56	
	-1380 May 30 j 01:11	0°♉	
retrograde	-1380 Sep 14 j 04:16	14°♉29'16	
opposition	-1380 Nov 12 j 16:55	9°♉25'22	-0°50'19
min. Earth dist.	-1380 Nov 11 j 14:27	9°♉34'22	4.16990 AU
direct	-1379 Jan 10 j 20:21	4°♉24'39	
	-1379 Apr 10 j 02:32	15°♉	
evening set	-1379 May 17 j 16:52	23°♉02'28	
conjunction	-1379 May 31 j 10:45	26°♉07'17	-0°13'27
minimum elong	-1379 May 31 j 10:46	26°♉07'17	0°13'27
behind sun begin	-1379 May 31 j 06:17	26°♉04'47	
behind sun end	-1379 May 31 j 15:15	26°♉09'47	
max. Earth dist.	-1379 Jun 01 j 16:47	26°♉24'08	6.23285 AU
morning rise	-1379 Jun 14 j 04:01	29°♉11'30	
	-1379 Jun 17 j 19:26	0°♊	
asc. node	-1379 Oct 04 j 02:35	17°♊02'02	
retrograde	-1379 Oct 16 j 12:41	17°♊17'10	
opposition	-1379 Dec 15 j 03:10	12°♊16'39	0°11'13
min. Earth dist.	-1379 Dec 14 j 15:53	12°♊20'26	4.29161 AU
direct	-1378 Feb 13 j 14:57	7°♊13'52	
evening set	-1378 Jun 20 j 21:50	25°♊23'09	
conjunction	-1378 Jul 04 j 10:31	28°♊21'07	0°28'08
minimum elong	-1378 Jul 04 j 10:29	28°♊21'06	0°28'09
max. Earth dist.	-1378 Jul 04 j 15:27	28°♊23'49	6.34338 AU
	-1378 Jul 11 j 22:36	0°♋	
morning rise	-1378 Jul 17 j 20:38	1°♋17'43	
retrograde	-1378 Nov 16 j 10:45	18°♋35'55	
opposition	-1377 Jan 15 j 09:01	13°♋39'19	1°06'29
min. Earth dist.	-1377 Jan 15 j 13:57	13°♋37'41	4.38317 AU
direct	-1377 Mar 18 j 00:54	8°♋35'52	
evening set	-1377 Jul 23 j 11:28	26°♋26'10	

Attention, astronomical year style is used: The year -1377 in astronomical counting style is the year 1378 BCE in historical counting style.

conjunction	-1377 Aug 05 j 15:35	29°♋17'57	1°00'17
minimum elong	-1377 Aug 05 j 15:32	29°♋17'55	1°00'18
max. Earth dist.	-1377 Aug 04 j 18:27	29°♋06'25	6.40867 AU
	-1377 Aug 08 j 20:45	0°♌	
morning rise	-1377 Aug 18 j 16:39	2°♌08'11	
	-1377 Oct 25 j 10:21	15°♌	
retrograde	-1377 Dec 17 j 00:09	19°♌03'40	
	-1376 Feb 08 j 19:24	15°℞♌	
opposition	-1376 Feb 15 j 06:13	14°♌10'15	1°41'44
min. Earth dist.	-1376 Feb 16 j 03:42	14°♌03'19	4.41949 AU
direct	-1376 Apr 17 j 18:31	9°♌07'27	
	-1376 Jun 23 j 04:14	15°♌	
evening set	-1376 Aug 22 j 20:39	26°♌51'32	
max. Earth dist.	-1376 Sep 03 j 01:35	29°♌18'22	6.41226 AU
conjunction	-1376 Sep 04 j 16:53	29°♌39'54	1°15'14
minimum elong	-1376 Sep 04 j 16:52	29°♌39'53	1°15'13
	-1376 Sep 06 j 05:35	0°♍	
morning rise	-1376 Sep 17 j 10:14	2°♍26'54	
retrograde	-1375 Jan 15 j 22:46	19°♍26'26	
opposition	-1375 Mar 17 j 14:18	14°♍34'39	1°49'10
min. Earth dist.	-1375 Mar 18 j 21:16	14°♍24'45	4.39148 AU
direct	-1375 May 19 j 06:09	9°♍33'32	
evening set	-1375 Sep 22 j 18:22	27°♍24'47	
max. Earth dist.	-1375 Oct 03 j 12:09	29°♍47'58	6.35413 AU
	-1375 Oct 04 j 09:45	0°♎	
conjunction	-1375 Oct 05 j 09:42	0°♎13'22	1°09'20
minimum elong	-1375 Oct 05 j 09:44	0°♎13'23	1°09'21
morning rise	-1375 Oct 17 j 22:58	3°♎01'07	
retrograde	-1374 Feb 17 j 05:23	20°♎30'06	
opposition	-1374 Apr 19 j 03:23	15°♎38'17	1°25'57
min. Earth dist.	-1374 Apr 20 j 12:25	15°♎27'46	4.30654 AU
direct	-1374 Jun 20 j 07:50	10°♎39'43	
evening set	-1374 Oct 24 j 00:11	28°♎49'50	
	-1374 Oct 29 j 03:36	0°♏	
max. Earth dist.	-1374 Nov 03 j 21:03	1°♏18'31	6.24918 AU
conjunction	-1374 Nov 05 j 14:27	1°♏42'12	0°43'09
minimum elong	-1374 Nov 05 j 14:29	1°♏42'13	0°43'07
morning rise	-1374 Nov 18 j 04:23	4°♏34'34	
	-1373 Jan 06 j 11:42	15°♏	
retrograde	-1373 Mar 23 j 09:10	22°♏54'12	
opposition	-1373 May 23 j 09:01	18°♏00'32	0°35'23
min. Earth dist.	-1373 May 24 j 08:49	17°♏52'55	4.18749 AU
	-1373 Jun 17 j 16:28	15°℞♏	
direct	-1373 Jul 23 j 11:10	13°♏04'42	
	-1373 Aug 27 j 20:18	15°♏	
	-1373 Nov 18 j 01:36	0°♐	
evening set	-1373 Nov 25 j 10:17	1°♐42'18	
max. Earth dist.	-1373 Dec 07 j 05:25	4°♐28'03	6.12684 AU
conjunction	-1373 Dec 08 j 03:27	4°♐40'58	0°02'28
minimum elong	-1373 Dec 08 j 03:25	4°♐40'57	0°02'27
behind sun begin	-1373 Dec 07 j 19:25	4°♐36'17	
behind sun end	-1373 Dec 08 j 11:26	4°♐45'38	
morning rise	-1373 Dec 20 j 21:31	7°♐40'24	
desc. node	-1373 Dec 29 j 18:14	9°♐43'41	
retrograde	-1372 Apr 27 j 13:58	27°♐00'54	
opposition	-1372 Jun 27 j 08:05	22°♐04'06	-0°30'00
min. Earth dist.	-1372 Jun 27 j 15:03	22°♐01'50	4.07101 AU
direct	-1372 Aug 26 j 01:21	17°♐10'23	
	-1372 Dec 01 j 10:31	0°♑	
evening set	-1372 Dec 28 j 15:39	6°♑16'55	
conjunction	-1371 Jan 10 j 13:57	9°♑22'10	-0°40'39
minimum elong	-1371 Jan 10 j 13:55	9°♑22'09	0°40'40
max. Earth dist.	-1371 Jan 10 j 17:44	9°♑24'26	6.02677 AU
morning rise	-1371 Jan 23 j 15:01	12°♑28'59	
	-1371 Apr 23 j 05:32	0°♒	
retrograde	-1371 Jun 04 j 01:15	2°♒40'25	
	-1371 Jul 16 j 01:48	30°℞♑	
opposition	-1371 Aug 03 j 10:17	27°♑39'37	-1°27'20
min. Earth dist.	-1371 Aug 02 j 20:07	27°♑44'20	3.99802 AU
direct	-1371 Sep 30 j 21:37	22°♑46'17	
	-1371 Dec 09 j 02:23	0°♒	
evening set	-1370 Feb 02 j 16:45	12°♒11'52	
	-1370 Feb 14 j 09:35	15°♒	
conjunction	-1370 Feb 15 j 22:22	15°♒22'04	-1°09'38
minimum elong	-1370 Feb 15 j 22:20	15°♒22'03	1°09'39
max. Earth dist.	-1370 Feb 17 j 07:23	15°♒41'53	5.98691 AU
morning rise	-1370 Mar 01 j 07:07	18°♒33'58	
	-1370 Apr 21 j 21:52	0°♓	
retrograde	-1370 Jul 11 j 14:18	9°♓01'44	
min. Earth dist.	-1370 Sep 08 j 07:50	4°♓07'00	3.99721 AU
opposition	-1370 Sep 09 j 11:36	3°♓57'36	-1°51'49
	-1370 Oct 13 j 17:23	30°℞♒	
direct	-1370 Nov 06 j 11:03	29°♒02'30	
	-1370 Nov 30 j 04:15	0°♓	
evening set	-1369 Mar 11 j 20:02	18°♓27'28	
conjunction	-1369 Mar 25 j 09:13	21°♓39'20	-1°12'02
minimum elong	-1369 Mar 25 j 09:14	21°♓39'22	1°12'02
max. Earth dist.	-1369 Mar 27 j 10:50	22°♓08'39	6.02401 AU
morning rise	-1369 Apr 08 j 01:08	24°♓52'29	
	-1369 Apr 30 j 09:25	0°♈	
retrograde	-1369 Aug 16 j 16:54	14°♈51'24	
min. Earth dist.	-1369 Oct 13 j 22:52	9°♈57'09	4.06864 AU
opposition	-1369 Oct 15 j 06:54	9°♈46'13	-1°33'09
direct	-1369 Dec 12 j 13:28	4°♈48'06	
evening set	-1368 Apr 16 j 19:18	23°♈52'47	
conjunction	-1368 Apr 30 j 13:21	27°♈02'24	-0°47'35
minimum elong	-1368 Apr 30 j 13:24	27°♈02'26	0°47'33
max. Earth dist.	-1368 May 02 j 11:02	27°♈28'41	6.12316 AU
	-1368 May 13 j 10:57	0°♉	
morning rise	-1368 May 14 j 08:36	0°♉12'21	
	-1368 Jul 27 j 21:58	15°♉	
retrograde	-1368 Sep 18 j 18:20	19°♉12'53	
	-1368 Nov 11 j 00:36	15°℞♉	
min. Earth dist.	-1368 Nov 16 j 06:28	14°♉17'28	4.18420 AU
opposition	-1368 Nov 17 j 06:20	14°♉09'22	-0°42'12
direct	-1367 Jan 15 j 14:12	9°♉08'17	
	-1367 Mar 20 j 07:54	15°♉	
evening set	-1367 May 22 j 12:35	27°♉43'01	
	-1367 Jun 01 j 18:03	0°♊	
conjunction	-1367 Jun 05 j 06:17	0°♊47'09	-0°07'36
minimum elong	-1367 Jun 05 j 06:17	0°♊47'09	0°07'34
behind sun begin	-1367 Jun 04 j 22:46	0°♊42'58	
behind sun end	-1367 Jun 05 j 13:49	0°♊51'21	
max. Earth dist.	-1367 Jun 06 j 10:22	1°♊02'52	6.24640 AU
morning rise	-1367 Jun 18 j 22:47	3°♊50'30	
asc. node	-1367 Aug 14 j 21:05	15°♊23'32	
retrograde	-1367 Oct 20 j 20:58	21°♊49'40	
opposition	-1367 Dec 19 j 12:44	16°♊49'43	0°19'37
min. Earth dist.	-1367 Dec 19 j 02:47	16°♊53'02	4.30342 AU
direct	-1366 Feb 18 j 03:27	11°♊46'49	
evening set	-1366 Jun 25 j 13:11	29°♊53'57	
	-1366 Jun 26 j 00:18	0°♋	
conjunction	-1366 Jul 09 j 00:42	2°♋51'05	0°33'23
minimum elong	-1366 Jul 09 j 00:39	2°♋51'04	0°33'23

Attention, astronomical year style is used: The year -1366 in astronomical counting style is the year 1367 BCE in historical counting style.

max. Earth dist.	-1366 Jul 09 j 00:57	2°♋51'13	6.35262 AU
morning rise	-1366 Jul 22 j 09:48	5°♋46'51	
retrograde	-1366 Nov 20 j 19:00	23°♋01'18	
opposition	-1365 Jan 19 j 17:13	18°♋05'12	1°12'49
min. Earth dist.	-1365 Jan 20 j 01:08	18°♋02'36	4.38944 AU
direct	-1365 Mar 22 j 13:22	13°♋01'47	
	-1365 Jul 23 j 23:58	0°♌	
evening set	-1365 Jul 27 j 22:48	0°♌51'06	
max. Earth dist.	-1365 Aug 09 j 02:57	3°♌29'50	6.41143 AU
conjunction	-1365 Aug 10 j 01:53	3°♌42'20	1°03'30
minimum elong	-1365 Aug 10 j 01:51	3°♌42'18	1°03'31
morning rise	-1365 Aug 23 j 01:40	6°♌31'58	
	-1365 Oct 03 j 09:47	15°♌	
retrograde	-1365 Dec 21 j 06:43	23°♌26'47	
opposition	-1364 Feb 19 j 15:05	18°♌33'38	1°44'31
min. Earth dist.	-1364 Feb 20 j 13:03	18°♌26'33	4.41883 AU
	-1364 Mar 21 j 10:08	15°℞♌	
direct	-1364 Apr 22 j 03:51	13°♌31'01	
	-1364 May 24 j 04:15	15°♌	
	-1364 Aug 21 j 10:14	0°♍	
evening set	-1364 Aug 27 j 05:29	1°♍15'22	
max. Earth dist.	-1364 Sep 07 j 08:32	3°♍41'25	6.40802 AU
conjunction	-1364 Sep 09 j 00:46	4°♍03'30	1°15'39
minimum elong	-1364 Sep 09 j 00:46	4°♍03'29	1°15'39
morning rise	-1364 Sep 21 j 17:18	6°♍50'21	
retrograde	-1363 Jan 20 j 09:53	23°♍52'18	
opposition	-1363 Mar 22 j 02:16	19°♍00'36	1°47'41
min. Earth dist.	-1363 Mar 23 j 10:33	18°♍50'18	4.38370 AU
direct	-1363 May 23 j 18:30	13°♍59'49	
	-1363 Sep 18 j 14:09	0°♎	
evening set	-1363 Sep 27 j 02:42	1°♎52'32	
max. Earth dist.	-1363 Oct 07 j 19:04	4°♎15'21	6.34311 AU
conjunction	-1363 Oct 09 j 17:36	4°♎41'22	1°06'47
minimum elong	-1363 Oct 09 j 17:38	4°♎41'23	1°06'47
morning rise	-1363 Oct 22 j 06:46	7°♎29'31	
retrograde	-1362 Feb 21 j 20:31	25°♎03'58	
opposition	-1362 Apr 23 j 19:48	20°♎11'55	1°20'18
min. Earth dist.	-1362 Apr 25 j 03:36	20°♎01'48	4.29272 AU
direct	-1362 Jun 24 j 21:11	15°♎13'42	
	-1362 Oct 13 j 01:55	0°♏	
evening set	-1362 Oct 28 j 10:51	3°♏26'47	
max. Earth dist.	-1362 Nov 08 j 11:01	5°♏57'51	6.23370 AU
conjunction	-1362 Nov 10 j 01:24	6°♏19'53	0°38'06
minimum elong	-1362 Nov 10 j 01:26	6°♏19'54	0°38'05
morning rise	-1362 Nov 22 j 15:32	9°♏13'02	
	-1362 Dec 18 j 16:11	15°♏	
retrograde	-1361 Mar 28 j 07:54	27°♏40'25	
opposition	-1361 May 28 j 06:58	22°♏46'26	0°26'42
min. Earth dist.	-1361 May 29 j 05:40	22°♏39'10	4.17120 AU
direct	-1361 Jul 28 j 05:27	17°♏50'58	
	-1361 Nov 01 j 03:21	0°♐	
desc. node	-1361 Nov 08 j 18:04	1°♐39'52	
evening set	-1361 Nov 30 j 01:55	6°♐32'28	
conjunction	-1361 Dec 12 j 19:30	9°♐32'01	-0°03'52
minimum elong	-1361 Dec 12 j 19:30	9°♐32'01	0°03'54
behind sun begin	-1361 Dec 12 j 11:34	9°♐27'22	
behind sun end	-1361 Dec 13 j 03:27	9°♐36'41	
max. Earth dist.	-1361 Dec 11 j 23:10	9°♐20'03	6.11108 AU
morning rise	-1361 Dec 25 j 14:36	12°♐32'33	
	-1360 Mar 27 j 07:56	0°♑	
retrograde	-1360 May 02 j 17:10	2°♑01'17	
	-1360 Jun 08 j 06:39	30°℞♐	
opposition	-1360 Jul 02 j 10:49	27°♐03'56	-0°39'06
min. Earth dist.	-1360 Jul 02 j 14:19	27°♐02'47	4.05719 AU
direct	-1360 Aug 30 j 22:28	22°♐10'22	
	-1360 Nov 12 j 01:28	0°♑	
evening set	-1359 Jan 02 j 13:35	11°♑20'38	
conjunction	-1359 Jan 15 j 12:55	14°♑26'47	-0°45'54
minimum elong	-1359 Jan 15 j 12:53	14°♑26'45	0°45'55
max. Earth dist.	-1359 Jan 15 j 21:44	14°♑32'04	6.01614 AU
morning rise	-1359 Jan 28 j 14:52	17°♑34'29	
	-1359 Mar 26 j 12:25	0°♒	
retrograde	-1359 Jun 09 j 08:43	7°♒51'17	
opposition	-1359 Aug 08 j 15:11	2°♒49'59	-1°33'11
min. Earth dist.	-1359 Aug 07 j 23:39	2°♒55'09	3.99180 AU
	-1359 Aug 31 j 08:53	30°℞♑	
direct	-1359 Oct 06 j 00:19	27°♑56'32	
	-1359 Nov 10 j 06:33	0°♒	
	-1358 Jan 28 j 17:04	15°♒	
evening set	-1358 Feb 07 j 20:23	17°♒24'01	
conjunction	-1358 Feb 21 j 03:03	20°♒34'45	-1°11'43
minimum elong	-1358 Feb 21 j 03:01	20°♒34'45	1°11'43
max. Earth dist.	-1358 Feb 22 j 14:54	20°♒56'15	5.98548 AU
morning rise	-1358 Mar 06 j 13:02	23°♒47'13	
	-1358 Apr 02 j 09:09	0°♓	
retrograde	-1358 Jul 16 j 18:39	14°♓14'26	
min. Earth dist.	-1358 Sep 13 j 08:39	9°♓20'08	4.00103 AU
opposition	-1358 Sep 14 j 14:23	9°♓10'03	-1°51'44
direct	-1358 Nov 11 j 12:27	4°♓14'37	
evening set	-1357 Mar 17 j 01:49	23°♓38'45	
conjunction	-1357 Mar 30 j 15:54	26°♓50'39	-1°10'01
minimum elong	-1357 Mar 30 j 15:56	26°♓50'40	1°10'01
max. Earth dist.	-1357 Apr 01 j 17:18	27°♓19'46	6.03260 AU
morning rise	-1357 Apr 13 j 08:41	0°♈03'45	
	-1357 Apr 13 j 02:15	0°♈	
retrograde	-1357 Aug 21 j 15:35	19°♈56'44	
min. Earth dist.	-1357 Oct 18 j 21:46	15°♈02'18	4.08098 AU
opposition	-1357 Oct 20 j 05:03	14°♈51'36	-1°27'27
direct	-1357 Dec 17 j 14:30	9°♈53'03	
evening set	-1356 Apr 21 j 22:48	28°♈54'32	
	-1356 Apr 26 j 17:28	0°♉	
conjunction	-1356 May 05 j 17:20	2°♉03'40	-0°42'30
minimum elong	-1356 May 05 j 17:23	2°♉03'42	0°42'29
max. Earth dist.	-1356 May 07 j 15:20	2°♉30'02	6.13864 AU
morning rise	-1356 May 19 j 12:28	5°♉12'55	
	-1356 Jul 04 j 06:41	15°♉	
retrograde	-1356 Sep 23 j 10:25	24°♉04'51	
opposition	-1356 Nov 21 j 22:42	19°♉01'47	-0°33'34
min. Earth dist.	-1356 Nov 20 j 23:37	19°♉09'36	4.20145 AU
	-1356 Dec 26 j 18:56	15°℞♉	
direct	-1355 Jan 20 j 10:16	14°♉00'29	
	-1355 Feb 14 j 09:20	15°♉	
	-1355 May 16 j 00:37	0°♊	
evening set	-1355 May 27 j 11:12	2°♊30'48	
conjunction	-1355 Jun 10 j 04:08	5°♊33'53	-0°01'33
minimum elong	-1355 Jun 10 j 04:07	5°♊33'53	0°01'31
behind sun begin	-1355 Jun 09 j 19:47	5°♊29'15	
behind sun end	-1355 Jun 10 j 12:27	5°♊38'30	
max. Earth dist.	-1355 Jun 11 j 04:13	5°♊47'18	6.26434 AU
morning rise	-1355 Jun 23 j 19:57	8°♊36'08	
asc. node	-1355 Jun 24 j 05:53	8°♊41'37	
retrograde	-1355 Oct 25 j 07:12	26°♊27'05	
opposition	-1355 Dec 24 j 00:03	21°♊27'37	0°27'59
min. Earth dist.	-1355 Dec 23 j 16:27	21°♊30'10	4.32079 AU

Attention, astronomical year style is used: The year -1354 in astronomical counting style is the year 1355 BCE in historical counting style.

direct	-1354 Feb 22 j 20:21	16°♊24'33		
	-1354 Jun 09 j 07:17	0°♋		
evening set	-1354 Jun 30 j 04:58	4°♋27'15		
conjunction	-1354 Jul 13 j 15:27	7°♋23'17	0°38'26	
minimum elong	-1354 Jul 13 j 15:24	7°♋23'15	0°38'27	
max. Earth dist.	-1354 Jul 13 j 14:14	7°♋22'37	6.36828 AU	
morning rise	-1354 Jul 26 j 23:02	10°♋17'49		
retrograde	-1354 Nov 25 j 00:01	27°♋26'21		
opposition	-1353 Jan 24 j 01:06	22°♋30'42	1°18'38	
min. Earth dist.	-1353 Jan 24 j 10:08	22°♋27'44	4.40241 AU	
direct	-1353 Mar 27 j 00:31	17°♋27'20		
	-1353 Jul 07 j 12:58	0°♌		
evening set	-1353 Aug 01 j 08:25	5°♌13'09		
max. Earth dist.	-1353 Aug 13 j 07:15	7°♌48'51	6.42053 AU	
conjunction	-1353 Aug 14 j 10:03	8°♌03'27	1°06'18	
minimum elong	-1353 Aug 14 j 10:01	8°♌03'25	1°06'18	
morning rise	-1353 Aug 27 j 08:42	10°♌52'13		
	-1353 Sep 15 j 19:10	15°♌		
retrograde	-1353 Dec 25 j 12:29	27°♌44'31		
opposition	-1352 Feb 23 j 22:03	22°♌51'38	1°46'36	
min. Earth dist.	-1352 Feb 24 j 22:48	22°♌43'40	4.42349 AU	
direct	-1352 Apr 26 j 14:10	17°♌49'07		
	-1352 Aug 05 j 06:56	0°♍		
evening set	-1352 Aug 31 j 10:51	5°♍31'50		
max. Earth dist.	-1352 Sep 11 j 11:26	7°♍56'36	6.40769 AU	
conjunction	-1352 Sep 13 j 05:21	8°♍19'37	1°15'37	
minimum elong	-1352 Sep 13 j 05:21	8°♍19'37	1°15'38	
morning rise	-1352 Sep 25 j 21:01	11°♍06'09		
retrograde	-1351 Jan 24 j 15:25	28°♍09'26		
opposition	-1351 Mar 26 j 10:29	23°♍17'44	1°45'37	
min. Earth dist.	-1351 Mar 27 j 18:59	23°♍07'23	4.37834 AU	
direct	-1351 May 28 j 01:28	18°♍17'10		
	-1351 Sep 02 j 12:14	0°♎		
evening set	-1351 Oct 01 j 07:10	6°♎10'46		
max. Earth dist.	-1351 Oct 11 j 23:12	8°♎33'46	6.33306 AU	
conjunction	-1351 Oct 13 j 21:43	8°♎59'51	1°03'56	
minimum elong	-1351 Oct 13 j 21:45	8°♎59'52	1°03'55	
morning rise	-1351 Oct 26 j 10:41	11°♎48'20		
retrograde	-1350 Feb 26 j 09:24	29°♎28'09		
opposition	-1350 Apr 28 j 08:27	24°♎35'58	1°14'21	
min. Earth dist.	-1350 Apr 29 j 17:18	24°♎25'31	4.27821 AU	
direct	-1350 Jun 29 j 08:07	19°♎38'02		
	-1350 Sep 26 j 09:40	0°♏		
evening set	-1350 Nov 01 j 17:53	7°♏54'33		
max. Earth dist.	-1350 Nov 12 j 17:57	10°♏26'10	6.21593 AU	
conjunction	-1350 Nov 14 j 08:39	10°♏48'28	0°32'59	
minimum elong	-1350 Nov 14 j 08:41	10°♏48'29	0°32'59	
morning rise	-1350 Nov 26 j 23:24	13°♏42'36		
	-1350 Dec 02 j 15:02	15°♏		
	-1349 Feb 21 j 22:12	0°♐		
retrograde	-1349 Apr 02 j 02:37	2°♐18'50		
	-1349 May 11 j 17:57	30°℞♏		
opposition	-1349 Jun 02 j 01:43	27°♏24'27	0°18'07	
min. Earth dist.	-1349 Jun 02 j 22:10	27°♏17'52	4.15130 AU	
direct	-1349 Aug 01 j 18:31	22°♏29'13		
desc. node	-1349 Sep 20 j 12:24	26°♏13'04		
	-1349 Oct 13 j 10:37	0°♐		
evening set	-1349 Dec 04 j 15:24	11°♐16'19		
conjunction	-1349 Dec 17 j 09:49	14°♐17'04	-0°09'52	
minimum elong	-1349 Dec 17 j 09:48	14°♐17'03	0°09'54	
behind sun begin	-1349 Dec 17 j 03:13	14°♐13'11		
behind sun end	-1349 Dec 17 j 16:23	14°♐20'56		
max. Earth dist.	-1349 Dec 16 j 17:07	14°♐07'12	6.09094 AU	
morning rise	-1349 Dec 30 j 05:41	17°♐18'51		
	-1348 Feb 27 j 14:15	0°♑		
retrograde	-1348 May 07 j 21:36	6°♑57'35		
opposition	-1348 Jul 07 j 11:58	1°♑59'45	-0°47'44	
min. Earth dist.	-1348 Jul 07 j 14:09	1°♑59'03	4.03855 AU	
	-1348 Jul 23 j 05:08	30°℞♐		
direct	-1348 Sep 04 j 19:34	27°♐06'19		
	-1348 Oct 17 j 09:57	0°♑		
evening set	-1347 Jan 07 j 11:34	16°♑22'28		
conjunction	-1347 Jan 20 j 11:57	19°♑29'46	-0°50'43	
minimum elong	-1347 Jan 20 j 11:54	19°♑29'45	0°50'44	
max. Earth dist.	-1347 Jan 20 j 23:59	19°♑37'00	6.00076 AU	
morning rise	-1347 Feb 02 j 15:14	22°♑38'44		
	-1347 Mar 06 j 13:12	0°♒		
retrograde	-1347 Jun 14 j 15:32	13°♒02'25		
opposition	-1347 Aug 13 j 19:59	8°♒00'38	-1°38'13	
min. Earth dist.	-1347 Aug 13 j 01:07	8°♒06'57	3.98167 AU	
direct	-1347 Oct 11 j 00:35	3°♒07'04		
	-1346 Jan 10 j 21:41	15°♒		
evening set	-1346 Feb 13 j 01:32	22°♒38'05		
conjunction	-1346 Feb 26 j 09:24	25°♒49'34	-1°13'09	
minimum elong	-1346 Feb 26 j 09:23	25°♒49'33	1°13'09	
max. Earth dist.	-1346 Feb 28 j 00:06	26°♒12'46	5.98141 AU	
morning rise	-1346 Mar 11 j 20:37	29°♒02'44		
	-1346 Mar 15 j 21:15	0°♓		
retrograde	-1346 Jul 22 j 00:14	19°♓30'07		
min. Earth dist.	-1346 Sep 18 j 11:31	14°♓35'54	4.00344 AU	
opposition	-1346 Sep 19 j 18:29	14°♓25'22	-1°50'41	
direct	-1346 Nov 16 j 16:51	9°♓29'31		
evening set	-1345 Mar 22 j 09:28	28°♓53'06		
	-1345 Mar 27 j 03:42	0°♈		
conjunction	-1345 Apr 05 j 00:41	2°♈05'06	-1°07'22	
minimum elong	-1345 Apr 05 j 00:43	2°♈05'07	1°07'21	
max. Earth dist.	-1345 Apr 07 j 05:02	2°♈35'52	6.04132 AU	
morning rise	-1345 Apr 18 j 18:04	5°♈18'05		
retrograde	-1345 Aug 26 j 15:47	25°♈04'20		
min. Earth dist.	-1345 Oct 23 j 20:51	20°♈09'58	4.09476 AU	
opposition	-1345 Oct 25 j 04:08	19°♈59'18	-1°20'57	
direct	-1345 Dec 22 j 15:55	15°♈00'20		
	-1344 Apr 09 j 10:47	0°♉		
evening set	-1344 Apr 27 j 03:48	3°♉57'52		
conjunction	-1344 May 10 j 22:20	7°♉06'17	-0°37'02	
minimum elong	-1344 May 10 j 22:23	7°♉06'19	0°37'01	
max. Earth dist.	-1344 May 12 j 17:40	7°♉31'01	6.15598 AU	
morning rise	-1344 May 24 j 17:32	10°♉14'43		
	-1344 Jun 15 j 04:06	15°♉		
retrograde	-1344 Sep 28 j 01:48	28°♉57'09		
opposition	-1344 Nov 26 j 15:17	23°♉54'26	-0°24'39	
min. Earth dist.	-1344 Nov 25 j 17:39	24°♉01'46	4.22021 AU	
direct	-1343 Jan 25 j 07:46	18°♉52'44		
	-1343 Apr 28 j 01:25	0°♊		
asc. node	-1343 May 02 j 16:42	0°♊56'25		
evening set	-1343 Jun 01 j 09:39	7°♊18'11		
conjunction	-1343 Jun 15 j 02:03	10°♊20'13	0°04'40	
minimum elong	-1343 Jun 15 j 02:01	10°♊20'12	0°04'42	
behind sun begin	-1343 Jun 14 j 17:55	10°♊15'43		
behind sun end	-1343 Jun 15 j 10:08	10°♊24'41		
max. Earth dist.	-1343 Jun 15 j 23:50	10°♊32'19	6.28286 AU	
morning rise	-1343 Jun 28 j 16:44	13°♊21'13		
	-1343 Oct 03 j 20:30	0°♋		

Attention, astronomical year style is used: The year -1343 in astronomical counting style is the year 1344 BCE in historical counting style.

retrograde	-1343 Oct 29 j 17:45	1°♋04'06		
	-1343 Nov 24 j 10:45	30°℞♊		
opposition	-1343 Dec 28 j 11:33	26°♊05'14	0°36'15	
min. Earth dist.	-1343 Dec 28 j 06:07	26°♊07'02	4.33727 AU	
direct	-1342 Feb 27 j 12:29	21°♊02'03		
	-1342 May 21 j 19:08	0°♋		
evening set	-1342 Jul 04 j 20:54	9°♋00'54		
conjunction	-1342 Jul 18 j 06:01	11°♋55'52	0°43'20	
minimum elong	-1342 Jul 18 j 05:58	11°♋55'51	0°43'22	
max. Earth dist.	-1342 Jul 17 j 23:36	11°♋52'22	6.38113 AU	
morning rise	-1342 Jul 31 j 12:26	14°♋49'22		
	-1342 Oct 25 j 08:34	0°♌		
retrograde	-1342 Nov 29 j 08:04	1°♌53'25		
	-1341 Jan 03 j 07:51	30°℞♋		
opposition	-1341 Jan 28 j 10:06	26°♋58'14	1°24'11	
min. Earth dist.	-1341 Jan 28 j 22:08	26°♋54'19	4.41098 AU	
direct	-1341 Mar 31 j 13:19	21°♋54'52		
	-1341 Jun 18 j 21:06	0°♌		
evening set	-1341 Aug 05 j 19:18	9°♌38'59		
conjunction	-1341 Aug 18 j 19:55	12°♌28'41	1°08'50	
minimum elong	-1341 Aug 18 j 19:52	12°♌28'40	1°08'51	
max. Earth dist.	-1341 Aug 17 j 15:22	12°♌13'08	6.42405 AU	
	-1341 Aug 30 j 10:09	15°♌		
morning rise	-1341 Aug 31 j 17:12	15°♌16'49		
	-1341 Nov 22 j 06:20	0°♍		
retrograde	-1341 Dec 29 j 19:39	2°♍08'42		
	-1340 Feb 05 j 16:16	30°℞♌		
opposition	-1340 Feb 28 j 07:31	27°♌16'07	1°48'16	
min. Earth dist.	-1340 Feb 29 j 09:20	27°♌07'49	4.42194 AU	
direct	-1340 Apr 30 j 23:50	22°♌13'51		
	-1340 Jul 17 j 14:08	0°♍		
evening set	-1340 Sep 04 j 19:29	9°♍57'09		
max. Earth dist.	-1340 Sep 15 j 16:42	12°♍20'25	6.40100 AU	
conjunction	-1340 Sep 17 j 13:04	12°♍44'50	1°15'14	
minimum elong	-1340 Sep 17 j 13:04	12°♍44'50	1°15'14	
morning rise	-1340 Sep 30 j 04:13	15°♍31'25		
	-1340 Dec 18 j 03:41	0°♎		
retrograde	-1339 Jan 29 j 04:57	2°♎38'23		
	-1339 Mar 12 j 20:06	30°℞♍		
opposition	-1339 Mar 30 j 23:51	27°♍46'46	1°42'57	
min. Earth dist.	-1339 Apr 01 j 10:07	27°♍35'51	4.36684 AU	
direct	-1339 Jun 01 j 14:34	22°♍46'30		
	-1339 Aug 14 j 07:51	0°♎		
evening set	-1339 Oct 05 j 16:28	10°♎42'52		
max. Earth dist.	-1339 Oct 16 j 08:20	13°♎06'17	6.31765 AU	
conjunction	-1339 Oct 18 j 06:56	13°♎32'30	1°00'35	
minimum elong	-1339 Oct 18 j 06:58	13°♎32'31	1°00'34	
morning rise	-1339 Oct 30 j 19:53	16°♎21'38		
	-1338 Jan 08 j 18:19	0°♏		
retrograde	-1338 Mar 03 j 03:30	4°♏08'45		
	-1338 Apr 27 j 10:00	30°℞♎		
opposition	-1338 May 03 j 03:32	29°♎16'21	1°07'38	
min. Earth dist.	-1338 May 04 j 10:35	29°♎06'27	4.25992 AU	
direct	-1338 Jul 03 j 22:15	24°♎18'49		
	-1338 Sep 05 j 10:52	0°♏		
evening set	-1338 Nov 06 j 07:34	12°♏39'55		
	-1338 Nov 16 j 10:34	15°♏		
max. Earth dist.	-1338 Nov 17 j 10:39	15°♏13'57	6.19641 AU	
conjunction	-1338 Nov 18 j 22:39	15°♏34'47	0°27'21	
minimum elong	-1338 Nov 18 j 22:41	15°♏34'48	0°27'20	
morning rise	-1338 Dec 01 j 13:56	18°♏30'00		
	-1337 Jan 24 j 23:49	0°♐		
retrograde	-1337 Apr 07 j 06:59	7°♐15'41		
opposition	-1337 Jun 07 j 03:46	2°♐20'56	0°08'48	
min. Earth dist.	-1337 Jun 07 j 22:54	2°♐14'46	4.13197 AU	
	-1337 Jun 26 j 04:11	30°℞♏		
desc. node	-1337 Jul 30 j 09:02	27°♏31'13		
direct	-1337 Aug 06 j 16:22	27°♏26'03		
	-1337 Sep 16 j 09:11	0°♐		
evening set	-1337 Dec 09 j 11:41	16°♐18'14		
conjunction	-1337 Dec 22 j 06:51	19°♐20'04	-0°16'12	
minimum elong	-1337 Dec 22 j 06:50	19°♐20'04	0°16'13	
behind sun begin	-1337 Dec 22 j 06:18	19°♐19'45		
behind sun end	-1337 Dec 22 j 07:21	19°♐20'22		
max. Earth dist.	-1337 Dec 21 j 17:35	19°♐12'12	6.07372 AU	
morning rise	-1336 Jan 04 j 03:47	22°♐23'03		
	-1336 Feb 06 j 16:46	0°♑		
retrograde	-1336 May 13 j 05:13	12°♑10'17		
opposition	-1336 Jul 12 j 19:12	7°♑11'55	-0°56'31	
min. Earth dist.	-1336 Jul 12 j 17:21	7°♑12'32	4.02557 AU	
direct	-1336 Sep 09 j 21:11	2°♑18'39		
evening set	-1335 Jan 12 j 14:55	21°♑38'14		
conjunction	-1335 Jan 25 j 16:14	24°♑46'18	-0°55'23	
minimum elong	-1335 Jan 25 j 16:11	24°♑46'16	0°55'25	
max. Earth dist.	-1335 Jan 26 j 08:49	24°♑56'16	5.99324 AU	
morning rise	-1335 Feb 07 j 20:37	27°♑56'04		
	-1335 Feb 16 j 13:40	0°♒		
	-1335 May 03 j 20:33	15°♒		
retrograde	-1335 Jun 20 j 01:11	18°♒23'00		
	-1335 Aug 06 j 13:52	15°℞♒		
min. Earth dist.	-1335 Aug 18 j 06:43	13°♒27'46	3.98078 AU	
opposition	-1335 Aug 19 j 04:00	13°♒20'38	-1°42'38	
direct	-1335 Oct 16 j 07:27	8°♒26'49		
	-1335 Dec 20 j 15:03	15°♒		
evening set	-1334 Feb 18 j 08:55	27°♒57'34		
	-1334 Feb 26 j 22:09	0°♓		
conjunction	-1334 Mar 03 j 17:59	1°♓09'16	-1°14'05	
minimum elong	-1334 Mar 03 j 17:58	1°♓09'16	1°14'06	
max. Earth dist.	-1334 Mar 05 j 13:28	1°♓35'17	5.98719 AU	
morning rise	-1334 Mar 17 j 06:05	4°♓22'33		
retrograde	-1334 Jul 27 j 04:54	24°♓45'26		
opposition	-1334 Sep 24 j 21:52	19°♓40'27	-1°48'46	
min. Earth dist.	-1334 Sep 23 j 14:07	19°♓51'15	4.01539 AU	
direct	-1334 Nov 21 j 20:58	14°♓44'10		
	-1333 Mar 09 j 23:19	0°♈		
evening set	-1333 Mar 27 j 15:54	4°♈03'43		
conjunction	-1333 Apr 10 j 07:39	7°♈15'13	-1°04'17	
minimum elong	-1333 Apr 10 j 07:42	7°♈15'15	1°04'17	
max. Earth dist.	-1333 Apr 12 j 10:54	7°♈45'12	6.05802 AU	
morning rise	-1333 Apr 24 j 01:44	10°♈27'40		
	-1333 Aug 24 j 20:58	0°♉		
retrograde	-1333 Aug 31 j 10:28	0°♉04'20		
	-1333 Sep 07 j 00:10	30°℞♈		
min. Earth dist.	-1333 Oct 28 j 17:08	25°♈09'58	4.11426 AU	
opposition	-1333 Oct 30 j 00:02	24°♈59'25	-1°14'03	
direct	-1333 Dec 27 j 15:38	19°♈59'57		
	-1332 Mar 22 j 01:16	0°♉		
evening set	-1332 May 02 j 04:44	8°♉51'50		
conjunction	-1332 May 15 j 23:22	11°♉59'20	-0°31'30	
minimum elong	-1332 May 15 j 23:24	11°♉59'22	0°31'28	
max. Earth dist.	-1332 May 17 j 16:31	12°♉22'43	6.17674 AU	
morning rise	-1332 May 29 j 18:05	15°♉06'40		
	-1332 May 29 j 06:15	15°♉		
	-1332 Aug 14 j 14:15	0°♊		

Attention, astronomical year style is used: The year -1332 in astronomical counting style is the year 1333 BCE in historical counting style.

retrograde	-1332 Oct 02 j 15:06	3°♊39'08	
	-1332 Nov 20 j 18:49	30°℞♉	
min. Earth dist.	-1332 Nov 30 j 09:19	28°♉43'18	4.24004 AU
opposition	-1332 Dec 01 j 04:14	28°♉36'55	-0°15'54
direct	-1331 Jan 30 j 02:02	23°♉34'55	
asc. node	-1331 Mar 12 j 13:20	26°♉11'11	
	-1331 Apr 07 j 18:48	0°♊	
evening set	-1331 Jun 06 j 04:05	11°♊55'24	
conjunction	-1331 Jun 19 j 19:35	14°♊56'21	0°10'31
minimum elong	-1331 Jun 19 j 19:34	14°♊56'21	0°10'32
behind sun begin	-1331 Jun 19 j 13:12	14°♊52'50	
behind sun end	-1331 Jun 20 j 01:57	14°♊59'51	
max. Earth dist.	-1331 Jun 20 j 12:38	15°♊05'47	6.30013 AU
morning rise	-1331 Jul 03 j 09:22	17°♊56'14	
	-1331 Sep 02 j 06:05	0°♋	
retrograde	-1331 Nov 03 j 00:27	5°♋32'02	
opposition	-1330 Jan 01 j 19:43	0°♋33'41	0°44'01
min. Earth dist.	-1330 Jan 01 j 16:48	0°♋34'39	4.35087 AU
	-1330 Jan 06 j 01:24	30°℞♊	
direct	-1330 Mar 04 j 00:18	25°♊30'21	
	-1330 Apr 29 j 17:03	0°♋	
evening set	-1330 Jul 09 j 09:31	13°♋26'29	
conjunction	-1330 Jul 22 j 17:33	16°♋20'38	0°47'51
minimum elong	-1330 Jul 22 j 17:31	16°♋20'36	0°47'52
max. Earth dist.	-1330 Jul 22 j 07:54	16°♋15'21	6.39006 AU
morning rise	-1330 Aug 04 j 22:35	19°♋13'13	
	-1330 Sep 28 j 05:12	0°♌	
retrograde	-1330 Dec 03 j 14:22	6°♌14'21	
opposition	-1329 Feb 01 j 17:12	1°♌19'41	1°29'08
min. Earth dist.	-1329 Feb 02 j 07:44	1°♌14'57	4.41484 AU
	-1329 Feb 12 j 00:58	30°℞♋	
direct	-1329 Apr 04 j 22:51	26°♋16'26	
	-1329 May 26 j 17:39	0°♌	
evening set	-1329 Aug 10 j 04:20	14°♌00'17	
	-1329 Aug 14 j 18:32	15°♌	
max. Earth dist.	-1329 Aug 21 j 18:50	16°♌31'37	6.42232 AU
conjunction	-1329 Aug 23 j 03:45	16°♌49'34	1°10'57
minimum elong	-1329 Aug 23 j 03:43	16°♌49'33	1°10'57
morning rise	-1329 Sep 05 j 00:12	19°♌37'24	
	-1329 Oct 26 j 23:59	0°♍	
retrograde	-1328 Jan 03 j 04:59	6°♍30'44	
opposition	-1328 Mar 03 j 16:57	1°♍38'25	1°49'20
min. Earth dist.	-1328 Mar 04 j 20:59	1°♍29'25	4.41503 AU
	-1328 Mar 16 j 17:27	30°℞♌	
direct	-1328 May 05 j 09:47	26°♌36'21	
	-1328 Jun 23 j 17:23	0°♍	
evening set	-1328 Sep 09 j 03:47	14°♍21'48	
max. Earth dist.	-1328 Sep 20 j 00:33	16°♍45'14	6.38943 AU
conjunction	-1328 Sep 21 j 20:54	17°♍09'43	1°14'24
minimum elong	-1328 Sep 21 j 20:55	17°♍09'44	1°14'23
morning rise	-1328 Oct 04 j 11:24	19°♍56'32	
	-1328 Nov 22 j 20:34	0°♎	
retrograde	-1327 Feb 02 j 17:54	7°♎08'46	
opposition	-1327 Apr 04 j 14:07	2°♎17'12	1°39'41
min. Earth dist.	-1327 Apr 05 j 23:49	2°♎06'28	4.35147 AU
	-1327 Apr 23 j 06:02	30°℞♍	
direct	-1327 Jun 06 j 01:41	27°♍17'22	
	-1327 Jul 19 j 12:13	0°♎	
evening set	-1327 Oct 10 j 03:12	15°♎17'39	
max. Earth dist.	-1327 Oct 20 j 19:19	17°♎41'54	6.29978 AU
conjunction	-1327 Oct 22 j 17:26	18°♎07'58	0°56'50
minimum elong	-1327 Oct 22 j 17:29	18°♎07'59	0°56'49
morning rise	-1327 Nov 04 j 06:37	20°♎57'54	
	-1327 Dec 16 j 20:42	0°♏	
retrograde	-1326 Mar 08 j 02:12	8°♏53'12	
opposition	-1326 May 08 j 00:51	4°♏00'36	1°00'21
min. Earth dist.	-1326 May 09 j 07:09	3°♏50'55	4.24060 AU
	-1326 Jun 13 j 19:32	30°℞♎	
direct	-1326 Jul 08 j 16:14	29°♎03'30	
	-1326 Aug 02 j 10:22	0°♏	
	-1326 Oct 31 j 01:14	15°♏	
evening set	-1326 Nov 10 j 22:49	17°♏29'16	
max. Earth dist.	-1326 Nov 22 j 05:37	20°♏06'04	6.17753 AU
conjunction	-1326 Nov 23 j 14:26	20°♏25'08	0°21'27
minimum elong	-1326 Nov 23 j 14:27	20°♏25'09	0°21'26
morning rise	-1326 Dec 06 j 06:20	23°♏21'26	
	-1325 Jan 04 j 23:03	0°♐	
retrograde	-1325 Apr 12 j 10:26	12°♐16'13	
desc. node	-1325 Jun 07 j 23:11	7°♐54'36	
opposition	-1325 Jun 12 j 07:29	7°♐21'01	-0°00'43
min. Earth dist.	-1325 Jun 12 j 22:53	7°♐16'03	4.11513 AU
direct	-1325 Aug 11 j 14:14	2°♐26'33	
evening set	-1325 Dec 14 j 09:27	21°♐22'47	
conjunction	-1325 Dec 27 j 05:14	24°♐25'29	-0°22'29
minimum elong	-1325 Dec 27 j 05:12	24°♐25'28	0°22'30
max. Earth dist.	-1325 Dec 26 j 20:09	24°♐20'05	6.06039 AU
morning rise	-1324 Jan 09 j 03:06	27°♐29'27	
	-1324 Jan 19 j 19:58	0°♑	
retrograde	-1324 May 18 j 13:48	17°♑23'30	
opposition	-1324 Jul 18 j 02:28	12°♑24'32	-1°04'53
min. Earth dist.	-1324 Jul 17 j 21:39	12°♑26'07	4.01700 AU
direct	-1324 Sep 15 j 01:36	7°♑31'19	
evening set	-1323 Jan 17 j 18:14	26°♑52'47	
conjunction	-1323 Jan 30 j 20:38	0°♒01'26	-0°59'37
minimum elong	-1323 Jan 30 j 20:35	0°♒01'25	0°59'37
	-1323 Jan 30 j 18:14	0°♒	
max. Earth dist.	-1323 Jan 31 j 18:35	0°♒14'38	5.99009 AU
morning rise	-1323 Feb 13 j 01:57	3°♒11'46	
	-1323 Apr 07 j 11:10	15°♒	
retrograde	-1323 Jun 25 j 09:18	23°♒39'52	
min. Earth dist.	-1323 Aug 23 j 11:01	18°♒44'49	3.98365 AU
opposition	-1323 Aug 24 j 10:09	18°♒37'03	-1°46'10
	-1323 Sep 23 j 20:38	15°℞♒	
direct	-1323 Oct 21 j 11:40	13°♒43'02	
	-1323 Nov 18 j 01:12	15°♒	
	-1322 Feb 09 j 23:03	0°♓	
evening set	-1322 Feb 23 j 14:53	3°♓12'30	
conjunction	-1322 Mar 09 j 00:46	6°♓24'14	-1°14'26
minimum elong	-1322 Mar 09 j 00:46	6°♓24'15	1°14'27
max. Earth dist.	-1322 Mar 10 j 21:07	6°♓50'42	5.99539 AU
morning rise	-1322 Mar 22 j 13:59	9°♓37'34	
retrograde	-1322 Aug 01 j 05:08	29°♓55'13	
opposition	-1322 Sep 29 j 22:40	24°♓50'06	-1°46'03
min. Earth dist.	-1322 Sep 28 j 13:53	25°♓01'16	4.02811 AU
direct	-1322 Nov 26 j 22:50	19°♓53'24	
	-1321 Feb 19 j 10:25	0°♈	
evening set	-1321 Apr 01 j 20:07	9°♈09'07	
conjunction	-1321 Apr 15 j 12:37	12°♈20'13	-1°00'48
minimum elong	-1321 Apr 15 j 12:40	12°♈20'14	1°00'47
max. Earth dist.	-1321 Apr 17 j 15:41	12°♈49'57	6.07421 AU
morning rise	-1321 Apr 29 j 06:57	15°♈32'02	
	-1321 Jul 09 j 07:20	0°♉	
retrograde	-1321 Sep 05 j 05:51	4°♉59'48	
opposition	-1321 Nov 03 j 17:55	29°♈55'11	-1°06'48

Attention, astronomical year style is used: The year -1321 in astronomical counting style is the year 1322 BCE in historical counting style.

min. Earth dist.	-1321 Nov 02 j 13:11	0°♉04'58	4.13205 AU
	-1321 Nov 03 j 03:47	30°℞♈	
direct	-1320 Jan 01 j 14:09	24°♈55'19	
	-1320 Feb 28 j 21:11	0°♉	
evening set	-1320 May 07 j 04:18	13°♉42'33	
	-1320 May 12 j 21:39	15°♉	
conjunction	-1320 May 20 j 22:49	16°♉49'14	-0°25'50
minimum elong	-1320 May 20 j 22:51	16°♉49'16	0°25'48
max. Earth dist.	-1320 May 22 j 12:59	17°♉10'50	6.19476 AU
morning rise	-1320 Jun 03 j 17:13	19°♉55'37	
	-1320 Jul 21 j 16:55	0°♊	
retrograde	-1320 Oct 07 j 01:29	8°♊19'22	
opposition	-1320 Dec 05 j 15:57	3°♊17'39	-0°07'10
min. Earth dist.	-1320 Dec 04 j 22:35	3°♊23'31	4.25674 AU
	-1319 Jan 01 j 11:22	30°℞♉	
asc. node	-1319 Jan 20 j 10:22	28°♉35'19	
direct	-1319 Feb 03 j 17:01	28°♉15'22	
	-1319 Mar 09 j 10:34	0°♊	
evening set	-1319 Jun 10 j 21:52	16°♊32'12	
conjunction	-1319 Jun 24 j 12:31	19°♊32'13	0°16'17
minimum elong	-1319 Jun 24 j 12:30	19°♊32'12	0°16'19
max. Earth dist.	-1319 Jun 25 j 01:12	19°♊39'12	6.31433 AU
morning rise	-1319 Jul 08 j 01:15	22°♊31'04	
	-1319 Aug 12 j 16:36	0°♋	
retrograde	-1319 Nov 07 j 09:28	10°♋01'01	
opposition	-1318 Jan 06 j 04:19	5°♋03'14	0°51'32
min. Earth dist.	-1318 Jan 06 j 04:44	5°♋03'06	4.36156 AU
	-1318 Mar 07 j 05:44	30°℞♊	
direct	-1318 Mar 08 j 13:23	29°♊59'50	
	-1318 Mar 09 j 21:03	0°♋	
evening set	-1318 Jul 13 j 22:18	17°♋54'03	
conjunction	-1318 Jul 27 j 05:10	20°♋47'27	0°52'07
minimum elong	-1318 Jul 27 j 05:07	20°♋47'25	0°52'08
max. Earth dist.	-1318 Jul 26 j 15:27	20°♋39'58	6.39627 AU
morning rise	-1318 Aug 09 j 08:59	23°♋39'18	
	-1318 Sep 08 j 16:28	0°♌	
retrograde	-1318 Dec 07 j 21:09	10°♌38'25	
opposition	-1317 Feb 06 j 01:23	5°♌44'07	1°33'40
min. Earth dist.	-1317 Feb 06 j 17:48	5°♌38'47	4.41659 AU
direct	-1317 Apr 09 j 08:28	0°♌40'56	
	-1317 Jul 29 j 13:50	15°♌	
evening set	-1317 Aug 14 j 14:15	18°♌24'59	
max. Earth dist.	-1317 Aug 26 j 02:40	20°♌55'22	6.41945 AU
conjunction	-1317 Aug 27 j 12:42	21°♌13'58	1°12'41
minimum elong	-1317 Aug 27 j 12:41	21°♌13'57	1°12'42
morning rise	-1317 Sep 09 j 08:01	24°♌01'29	
	-1317 Oct 07 j 17:41	0°♍	
retrograde	-1316 Jan 07 j 14:43	10°♍56'31	
opposition	-1316 Mar 08 j 03:42	6°♍04'26	1°49'50
min. Earth dist.	-1316 Mar 09 j 08:51	5°♍55'06	4.40795 AU
direct	-1316 May 09 j 20:30	1°♍02'41	
evening set	-1316 Sep 13 j 13:08	18°♍50'00	
max. Earth dist.	-1316 Sep 24 j 07:17	21°♍12'28	6.37864 AU
conjunction	-1316 Sep 26 j 05:31	21°♍38'05	1°13'09
minimum elong	-1316 Sep 26 j 05:32	21°♍38'05	1°13'08
morning rise	-1316 Oct 08 j 19:44	24°♍25'11	
	-1316 Nov 03 j 20:37	0°♎	
retrograde	-1315 Feb 07 j 09:56	11°♎42'27	
opposition	-1315 Apr 09 j 06:00	6°♎50'47	1°35'48
min. Earth dist.	-1315 Apr 10 j 15:42	6°♎40'04	4.33779 AU
direct	-1315 Jun 10 j 15:45	1°♎51'19	
evening set	-1315 Oct 14 j 14:12	19°♎54'34	
max. Earth dist.	-1315 Oct 25 j 09:04	22°♎20'50	6.28458 AU
conjunction	-1315 Oct 27 j 04:33	22°♎45'29	0°52'44
minimum elong	-1315 Oct 27 j 04:35	22°♎45'31	0°52'44
morning rise	-1315 Nov 08 j 17:43	25°♎36'06	
	-1315 Nov 28 j 14:24	0°♏	
retrograde	-1314 Mar 12 j 22:39	13°♏38'31	
opposition	-1314 May 12 j 22:25	8°♏45'37	0°52'42
min. Earth dist.	-1314 May 14 j 02:23	8°♏36'42	4.22498 AU
direct	-1314 Jul 13 j 09:20	3°♏48'59	
	-1314 Oct 13 j 16:16	15°♏	
evening set	-1314 Nov 15 j 14:03	22°♏17'58	
max. Earth dist.	-1314 Nov 26 j 23:36	24°♏56'55	6.16286 AU
conjunction	-1314 Nov 28 j 05:53	25°♏14'35	0°15'29
minimum elong	-1314 Nov 28 j 05:54	25°♏14'35	0°15'28
behind sun begin	-1314 Nov 28 j 03:18	25°♏13'05	
behind sun end	-1314 Nov 28 j 08:30	25°♏16'05	
morning rise	-1314 Dec 10 j 22:30	28°♏11'47	
	-1314 Dec 18 j 18:23	0°♐	
retrograde	-1313 Apr 17 j 13:15	17°♐14'01	
desc. node	-1313 Apr 17 j 17:13	17°♐14'01	
opposition	-1313 Jun 17 j 09:57	12°♐18'17	-0°10'05
min. Earth dist.	-1313 Jun 17 j 22:39	12°♐14'10	4.10251 AU
direct	-1313 Aug 16 j 13:13	7°♐24'01	
evening set	-1313 Dec 19 j 05:33	26°♐22'49	
conjunction	-1312 Jan 01 j 02:12	29°♐26'15	-0°28'26
minimum elong	-1312 Jan 01 j 02:10	29°♐26'14	0°28'28
max. Earth dist.	-1313 Dec 31 j 22:17	29°♐23'56	6.05100 AU
	-1312 Jan 03 j 10:50	0°♑	
morning rise	-1312 Jan 14 j 00:51	2°♑31'00	
retrograde	-1312 May 23 j 20:00	22°♑30'04	
opposition	-1312 Jul 23 j 06:59	17°♑30'34	-1°12'30
min. Earth dist.	-1312 Jul 22 j 23:41	17°♑32'58	4.01200 AU
direct	-1312 Sep 20 j 02:34	12°♑37'21	
	-1311 Jan 14 j 09:28	0°♒	
evening set	-1311 Jan 22 j 18:55	1°♒59'32	
conjunction	-1311 Feb 04 j 22:03	5°♒08'34	-1°03'14
minimum elong	-1311 Feb 04 j 22:00	5°♒08'32	1°03'15
max. Earth dist.	-1311 Feb 05 j 22:06	5°♒23'01	5.98956 AU
morning rise	-1311 Feb 18 j 04:32	8°♒19'22	
	-1311 Mar 19 j 01:06	15°♒	
retrograde	-1311 Jun 30 j 11:09	28°♒47'31	
min. Earth dist.	-1311 Aug 28 j 11:02	23°♒52'48	3.98787 AU
opposition	-1311 Aug 29 j 12:26	23°♒44'15	-1°48'43
direct	-1311 Oct 26 j 12:26	18°♒49'55	
	-1310 Jan 23 j 05:40	0°♓	
evening set	-1310 Feb 28 j 17:28	8°♓17'54	
conjunction	-1310 Mar 14 j 04:28	11°♓29'42	-1°14'12
minimum elong	-1310 Mar 14 j 04:28	11°♓29'42	1°14'11
max. Earth dist.	-1310 Mar 16 j 03:04	11°♓57'25	6.00389 AU
morning rise	-1310 Mar 27 j 18:23	14°♓42'58	
	-1310 Jun 09 j 17:40	0°♈	
retrograde	-1310 Aug 06 j 04:25	4°♈55'21	
	-1310 Oct 03 j 14:59	30°℞♓	
opposition	-1310 Oct 04 j 19:46	29°♓50'11	-1°42'39
min. Earth dist.	-1310 Oct 03 j 12:11	0°♈00'58	4.03988 AU
direct	-1310 Dec 01 j 22:45	24°♓53'03	
	-1309 Jan 28 j 11:56	0°♈	
evening set	-1309 Apr 06 j 21:17	14°♈05'37	
conjunction	-1309 Apr 20 j 14:23	17°♈16'21	-0°56'58
minimum elong	-1309 Apr 20 j 14:27	17°♈16'23	0°56'58
max. Earth dist.	-1309 Apr 22 j 16:27	17°♈45'24	6.08824 AU

Attention, astronomical year style is used: The year -1309 in astronomical counting style is the year 1310 BCE in historical counting style.

morning rise	-1309 May 04 j 09:11	20°♈27'44	
	-1309 Jun 17 j 05:32	0°♉	
retrograde	-1309 Sep 09 j 20:34	9°♉47'35	
min. Earth dist.	-1309 Nov 07 j 04:53	4°♉52'53	4.14695 AU
opposition	-1309 Nov 08 j 08:59	4°♉43'19	-0°59'19
	-1309 Dec 24 j 09:14	30°℞♈	
direct	-1308 Jan 06 j 07:25	29°♈43'06	
	-1308 Jan 19 j 08:40	0°♉	
	-1308 Apr 26 j 11:52	15°♉	
evening set	-1308 May 12 j 01:32	18°♉26'58	
conjunction	-1308 May 25 j 19:50	21°♉32'57	-0°20'08
minimum elong	-1308 May 25 j 19:52	21°♉32'58	0°20'07
max. Earth dist.	-1308 May 27 j 05:51	21°♉52'09	6.20950 AU
morning rise	-1308 Jun 08 j 13:53	24°♉38'32	
	-1308 Jul 03 j 03:00	0°♊	
retrograde	-1308 Oct 11 j 13:10	12°♊55'09	
asc. node	-1308 Dec 01 j 03:32	9°♊05'35	
opposition	-1308 Dec 10 j 02:39	7°♊53'59	0°01'24
min. Earth dist.	-1308 Dec 09 j 12:27	7°♊58'46	4.27001 AU
direct	-1307 Feb 08 j 08:35	2°♊51'30	
evening set	-1307 Jun 15 j 14:23	21°♊05'47	
conjunction	-1307 Jun 29 j 04:19	24°♊05'02	0°21'51
minimum elong	-1307 Jun 29 j 04:17	24°♊05'01	0°21'53
max. Earth dist.	-1307 Jun 29 j 14:17	24°♊10'31	6.32529 AU
morning rise	-1307 Jul 12 j 15:56	27°♊02'59	
	-1307 Jul 26 j 07:19	0°♋	
retrograde	-1307 Nov 11 j 15:43	14°♋28'18	
opposition	-1306 Jan 10 j 12:28	9°♋31'04	0°58'39
min. Earth dist.	-1306 Jan 10 j 14:11	9°♋30'30	4.36973 AU
direct	-1306 Mar 12 j 23:38	4°♋27'40	
evening set	-1306 Jul 18 j 10:46	22°♋20'41	
conjunction	-1306 Jul 31 j 16:24	25°♋13'24	0°56'02
minimum elong	-1306 Jul 31 j 16:21	25°♋13'22	0°56'03
max. Earth dist.	-1306 Jul 30 j 23:34	25°♋04'13	6.40109 AU
morning rise	-1306 Aug 13 j 19:02	28°♋04'34	
	-1306 Aug 22 j 17:42	0°♌	
	-1306 Dec 07 j 11:38	15°♌	
retrograde	-1306 Dec 12 j 05:28	15°♌02'09	
	-1306 Dec 16 j 22:50	15°℞♌	
opposition	-1305 Feb 10 j 09:56	10°♌08'17	1°37'35
min. Earth dist.	-1305 Feb 11 j 04:44	10°♌02'11	4.41791 AU
direct	-1305 Apr 13 j 19:46	5°♌05'18	
	-1305 Jul 12 j 01:46	15°♌	
evening set	-1305 Aug 18 j 23:34	22°♌49'17	
max. Earth dist.	-1305 Aug 30 j 08:32	25°♌18'01	6.41694 AU
conjunction	-1305 Aug 31 j 21:01	25°♌37'58	1°13'59
minimum elong	-1305 Aug 31 j 21:00	25°♌37'57	1°13'59
morning rise	-1305 Sep 13 j 15:28	28°♌25'13	
	-1305 Sep 20 j 22:48	0°♍	
retrograde	-1304 Jan 12 j 00:21	15°♍21'56	
opposition	-1304 Mar 12 j 14:37	10°♍29'56	1°49'39
min. Earth dist.	-1304 Mar 13 j 20:11	10°♍20'28	4.40186 AU
direct	-1304 May 14 j 06:53	5°♍28'27	
evening set	-1304 Sep 17 j 21:30	23°♍17'01	
max. Earth dist.	-1304 Sep 28 j 16:15	25°♍40'09	6.36930 AU
conjunction	-1304 Sep 30 j 13:26	26°♍05'15	1°11'28
minimum elong	-1304 Sep 30 j 13:27	26°♍05'15	1°11'27
morning rise	-1304 Oct 13 j 03:05	28°♍52'32	
	-1304 Oct 18 j 05:45	0°♎	
retrograde	-1303 Feb 11 j 23:43	16°♎14'21	
opposition	-1303 Apr 13 j 21:00	11°♎22'38	1°31'19
min. Earth dist.	-1303 Apr 15 j 06:35	11°♎11'57	4.32545 AU
direct	-1303 Jun 15 j 04:43	6°♎23'34	
evening set	-1303 Oct 19 j 00:12	24°♎29'21	
max. Earth dist.	-1303 Oct 29 j 18:47	26°♎56'01	6.27006 AU
conjunction	-1303 Oct 31 j 14:24	27°♎20'50	0°48'20
minimum elong	-1303 Oct 31 j 14:26	27°♎20'51	0°48'19
	-1303 Nov 12 j 06:27	0°♏	
morning rise	-1303 Nov 13 j 03:58	0°♏12'11	
	-1302 Jan 29 j 01:03	15°♏	
retrograde	-1302 Mar 17 j 19:02	18°♏21'46	
	-1302 May 05 j 15:24	15°℞♏	
opposition	-1302 May 17 j 18:54	13°♏28'31	0°44'43
min. Earth dist.	-1302 May 18 j 21:14	13°♏20'05	4.20890 AU
direct	-1302 Jul 18 j 02:22	8°♏32'11	
	-1302 Sep 23 j 14:55	15°♏	
evening set	-1302 Nov 20 j 04:00	27°♏04'49	
conjunction	-1302 Dec 02 j 20:29	0°♐02'21	0°09'26
minimum elong	-1302 Dec 02 j 20:30	0°♐02'21	0°09'25
behind sun begin	-1302 Dec 02 j 13:46	29°♏58'27	
behind sun end	-1302 Dec 03 j 03:14	0°♐06'16	
max. Earth dist.	-1302 Dec 01 j 18:11	29°♏46'58	6.14674 AU
	-1302 Dec 02 j 16:26	0°♐	
morning rise	-1302 Dec 15 j 13:39	3°♐00'32	
desc. node	-1301 Feb 25 j 16:06	17°♐37'08	
retrograde	-1301 Apr 22 j 16:23	22°♐11'01	
opposition	-1301 Jun 22 j 11:44	17°♐14'50	-0°19'25
min. Earth dist.	-1301 Jun 22 j 22:20	17°♐11'24	4.08758 AU
direct	-1301 Aug 21 j 10:33	12°♐20'50	
	-1301 Dec 18 j 04:34	0°♑	
evening set	-1301 Dec 24 j 01:54	1°♑23'25	
conjunction	-1300 Jan 05 j 23:11	4°♑27'42	-0°34'13
minimum elong	-1300 Jan 05 j 23:09	4°♑27'41	0°34'15
max. Earth dist.	-1300 Jan 05 j 21:31	4°♑26'43	6.03849 AU
morning rise	-1300 Jan 18 j 23:00	7°♑33'28	
retrograde	-1300 May 29 j 01:06	27°♑38'56	
opposition	-1300 Jul 28 j 11:35	22°♑38'50	-1°19'40
min. Earth dist.	-1300 Jul 28 j 00:56	22°♑42'21	4.00328 AU
direct	-1300 Sep 25 j 02:49	17°♑45'33	
	-1300 Dec 27 j 20:44	0°♒	
evening set	-1299 Jan 27 j 21:14	7°♒10'15	
conjunction	-1299 Feb 10 j 01:36	10°♒19'58	-1°06'26
minimum elong	-1299 Feb 10 j 01:34	10°♒19'56	1°06'27
max. Earth dist.	-1299 Feb 11 j 06:12	10°♒37'09	5.98541 AU
morning rise	-1299 Feb 23 j 09:02	13°♒31'22	
	-1299 Mar 01 j 14:27	15°♒	
	-1299 May 15 j 03:24	0°♓	
retrograde	-1299 Jul 05 j 17:51	4°♓00'47	
	-1299 Aug 26 j 20:47	30°℞♒	
opposition	-1299 Sep 03 j 16:24	28°♒57'06	-1°50'32
min. Earth dist.	-1299 Sep 02 j 14:25	29°♒05'53	3.98883 AU
direct	-1299 Oct 31 j 16:10	24°♒02'26	
	-1298 Jan 01 j 16:58	0°♓	
evening set	-1298 Mar 05 j 23:01	13°♓30'15	
conjunction	-1298 Mar 19 j 11:03	16°♓42'16	-1°13'22
minimum elong	-1298 Mar 19 j 11:04	16°♓42'16	1°13'22
max. Earth dist.	-1298 Mar 21 j 11:13	17°♓10'50	6.00968 AU
morning rise	-1298 Apr 02 j 02:03	19°♓55'41	
	-1298 May 17 j 11:08	0°♈	
retrograde	-1298 Aug 11 j 04:48	10°♈03'23	
min. Earth dist.	-1298 Oct 08 j 10:54	5°♈09'17	4.04999 AU
opposition	-1298 Oct 09 j 19:29	4°♈58'10	-1°38'24
direct	-1298 Dec 06 j 22:54	0°♈00'37	
evening set	-1297 Apr 12 j 02:02	19°♈10'34	

Attention, astronomical year style is used: The year -1297 in astronomical counting style is the year 1298 BCE in historical counting style.

conjunction	-1297 Apr 25 j 19:38	22°♈20'56	-0°52'37
minimum elong	-1297 Apr 25 j 19:41	22°♈20'58	0°52'35
max. Earth dist.	-1297 Apr 27 j 19:46	22°♈48'47	6.10187 AU
morning rise	-1297 May 09 j 14:46	25°♈31'49	
	-1297 May 29 j 11:10	0°♉	
retrograde	-1297 Sep 14 j 15:13	14°♉43'37	
min. Earth dist.	-1297 Nov 12 j 00:55	9°♉48'35	4.16270 AU
opposition	-1297 Nov 13 j 03:08	9°♉39'39	-0°51'13
direct	-1296 Jan 11 j 06:02	4°♉39'05	
	-1296 Apr 08 j 04:10	15°♉	
evening set	-1296 May 17 j 01:59	23°♉19'00	
conjunction	-1296 May 30 j 20:09	26°♉24'11	-0°14'09
minimum elong	-1296 May 30 j 20:10	26°♉24'12	0°14'08
behind sun begin	-1296 May 30 j 16:22	26°♉22'04	
behind sun end	-1296 May 30 j 23:58	26°♉26'19	
max. Earth dist.	-1296 Jun 01 j 05:13	26°♉42'46	6.22660 AU
morning rise	-1296 Jun 13 j 13:28	29°♉28'44	
	-1296 Jun 15 j 21:40	0°♊	
asc. node	-1296 Oct 10 j 07:52	17°♊33'43	
retrograde	-1296 Oct 16 j 00:13	17°♊36'55	
opposition	-1296 Dec 14 j 15:27	12°♊36'18	0°10'09
min. Earth dist.	-1296 Dec 14 j 02:04	12°♊40'47	4.28726 AU
direct	-1295 Feb 13 j 01:03	7°♊33'40	
evening set	-1295 Jun 20 j 08:48	25°♊43'42	
conjunction	-1295 Jul 03 j 21:31	28°♊41'48	0°27'24
minimum elong	-1295 Jul 03 j 21:29	28°♊41'47	0°27'25
max. Earth dist.	-1295 Jul 04 j 03:17	28°♊44'58	6.34155 AU
	-1295 Jul 09 j 19:52	0°♋	
morning rise	-1295 Jul 17 j 08:02	1°♋38'36	
retrograde	-1295 Nov 16 j 00:14	18°♋57'22	
opposition	-1294 Jan 14 j 21:48	14°♋00'36	1°05'26
min. Earth dist.	-1294 Jan 15 j 02:21	13°♋59'06	4.38401 AU
direct	-1294 Mar 17 j 14:20	8°♋57'11	
evening set	-1294 Jul 22 j 22:36	26°♋46'28	
max. Earth dist.	-1294 Aug 04 j 08:23	29°♋28'03	6.41222 AU
conjunction	-1294 Aug 05 j 03:04	29°♋38'13	0°59'37
minimum elong	-1294 Aug 05 j 03:01	29°♋38'12	0°59'38
	-1294 Aug 06 j 19:05	0°♌	
morning rise	-1294 Aug 18 j 04:14	2°♌28'23	
	-1294 Oct 22 j 17:01	15°♌	
retrograde	-1294 Dec 16 j 09:40	19°♌22'25	
	-1293 Feb 10 j 16:46	15°℞♌	
opposition	-1293 Feb 14 j 17:19	14°♌28'50	1°40'52
min. Earth dist.	-1293 Feb 15 j 12:56	14°♌22'29	4.42540 AU
direct	-1293 Apr 18 j 04:57	9°♌25'59	
	-1293 Jun 21 j 17:54	15°♌	
evening set	-1293 Aug 23 j 06:44	27°♌07'46	
max. Earth dist.	-1293 Sep 03 j 12:42	29°♌34'52	6.42006 AU
conjunction	-1293 Sep 05 j 03:03	29°♌55'51	1°14'49
minimum elong	-1293 Sep 05 j 03:02	29°♌55'50	1°14'49
	-1293 Sep 05 j 10:38	0°♍	
morning rise	-1293 Sep 17 j 20:30	2°♍42'35	
retrograde	-1292 Jan 16 j 07:04	19°♍39'15	
opposition	-1292 Mar 16 j 22:41	14°♍47'25	1°48'48
min. Earth dist.	-1292 Mar 18 j 06:21	14°♍37'18	4.40026 AU
direct	-1292 May 18 j 16:28	9°♍46'10	
evening set	-1292 Sep 22 j 02:16	27°♍34'35	
max. Earth dist.	-1292 Oct 02 j 18:20	29°♍56'31	6.36289 AU
	-1292 Oct 03 j 00:35	0°♎	
conjunction	-1292 Oct 04 j 17:39	0°♎22'50	1°09'24
minimum elong	-1292 Oct 04 j 17:41	0°♎22'51	1°09'25
morning rise	-1292 Oct 17 j 07:04	3°♎10'17	
retrograde	-1291 Feb 16 j 09:37	20°♎36'02	
opposition	-1291 Apr 18 j 08:17	15°♎44'10	1°26'26
min. Earth dist.	-1291 Apr 19 j 17:40	15°♎33'32	4.31441 AU
direct	-1291 Jun 19 j 13:37	10°♎45'21	
evening set	-1291 Oct 23 j 06:05	28°♎53'32	
	-1291 Oct 28 j 03:15	0°♏	
max. Earth dist.	-1291 Nov 03 j 02:38	1°♏21'46	6.25532 AU
conjunction	-1291 Nov 04 j 20:28	1°♏45'40	0°43'48
minimum elong	-1291 Nov 04 j 20:31	1°♏45'41	0°43'46
morning rise	-1291 Nov 17 j 10:09	4°♏37'43	
	-1290 Jan 05 j 12:33	15°♏	
retrograde	-1290 Mar 22 j 12:18	22°♏54'53	
opposition	-1290 May 22 j 11:34	18°♏01'23	0°36'43
min. Earth dist.	-1290 May 23 j 13:43	17°♏53'01	4.19120 AU
	-1290 Jun 16 j 22:21	15°℞♏	
direct	-1290 Jul 22 j 15:30	13°♏05'23	
	-1290 Aug 26 j 22:07	15°♏	
	-1290 Nov 17 j 05:34	0°♐	
evening set	-1290 Nov 24 j 15:05	1°♐42'44	
max. Earth dist.	-1290 Dec 06 j 06:10	4°♐26'09	6.12758 AU
conjunction	-1290 Dec 07 j 08:00	4°♐41'18	0°03'32
minimum elong	-1290 Dec 07 j 07:59	4°♐41'18	0°03'31
behind sun begin	-1290 Dec 07 j 00:02	4°♐36'39	
behind sun end	-1290 Dec 07 j 15:57	4°♐45'57	
morning rise	-1290 Dec 20 j 02:07	7°♐40'41	
desc. node	-1289 Jan 07 j 13:09	11°♐55'00	
retrograde	-1289 Apr 27 j 16:08	27°♐00'52	
opposition	-1289 Jun 27 j 10:24	22°♐04'13	-0°28'20
min. Earth dist.	-1289 Jun 27 j 18:13	22°♐01'40	4.06856 AU
direct	-1289 Aug 26 j 03:21	17°♐10'22	
	-1289 Dec 01 j 12:48	0°♑	
evening set	-1289 Dec 28 j 20:34	6°♑18'51	
conjunction	-1288 Jan 10 j 18:58	9°♑24'22	-0°39'37
minimum elong	-1288 Jan 10 j 18:56	9°♑24'20	0°39'37
max. Earth dist.	-1288 Jan 10 j 22:02	9°♑26'11	6.02146 AU
morning rise	-1288 Jan 23 j 19:45	12°♑31'21	
	-1288 Apr 21 j 20:39	0°♒	
retrograde	-1288 Jun 03 j 08:06	2°♒45'09	
	-1288 Jul 15 j 23:14	30°℞♑	
opposition	-1288 Aug 02 j 15:11	27°♑44'33	-1°26'06
min. Earth dist.	-1288 Aug 02 j 03:04	27°♑48'35	3.99010 AU
direct	-1288 Sep 30 j 02:59	22°♑51'15	
	-1288 Dec 07 j 18:59	0°♒	
evening set	-1287 Feb 01 j 23:46	12°♒20'26	
	-1287 Feb 13 j 01:37	15°♒	
conjunction	-1287 Feb 15 j 05:16	15°♒31'04	-1°09'01
minimum elong	-1287 Feb 15 j 05:14	15°♒31'02	1°09'02
max. Earth dist.	-1287 Feb 16 j 13:07	15°♒50'13	5.97723 AU
morning rise	-1287 Feb 28 j 14:06	18°♒43'26	
	-1287 Apr 20 j 06:00	0°♓	
retrograde	-1287 Jul 10 j 23:55	9°♓15'24	
opposition	-1287 Sep 08 j 20:34	4°♓11'23	-1°51'22
min. Earth dist.	-1287 Sep 07 j 15:50	4°♓21'07	3.98689 AU
	-1287 Oct 16 j 05:03	30°℞♒	
direct	-1287 Nov 05 j 17:57	29°♒16'26	
	-1287 Nov 26 j 08:50	0°♓	
evening set	-1286 Mar 11 j 06:05	18°♓45'14	
conjunction	-1286 Mar 24 j 19:11	21°♓57'34	-1°11'54
minimum elong	-1286 Mar 24 j 19:12	21°♓57'35	1°11'54
max. Earth dist.	-1286 Mar 26 j 20:35	22°♓26'50	6.01405 AU
morning rise	-1286 Apr 07 j 11:10	25°♓11'12	
	-1286 Apr 28 j 08:37	0°♈	

Attention, astronomical year style is used: The year -1286 in astronomical counting style is the year 1287 BCE in historical counting style.

retrograde	-1286 Aug 16 j 06:15	15°♈14'22	
min. Earth dist.	-1286 Oct 13 j 11:32	10°♈20'10	4.05990 AU
opposition	-1286 Oct 14 j 20:00	10°♈09'04	-1°33'18
direct	-1286 Dec 12 j 02:00	5°♈11'02	
evening set	-1285 Apr 17 j 08:00	24°♈18'15	
conjunction	-1285 May 01 j 02:15	27°♈28'14	-0°47'47
minimum elong	-1285 May 01 j 02:18	27°♈28'16	0°47'46
max. Earth dist.	-1285 May 03 j 03:27	27°♈56'35	6.11653 AU
	-1285 May 12 j 02:08	0°♉	
morning rise	-1285 May 14 j 21:26	0°♉38'30	
	-1285 Jul 25 j 09:54	15°♉	
retrograde	-1285 Sep 19 j 09:33	19°♉41'25	
	-1285 Nov 15 j 04:12	15°℞♉	
opposition	-1285 Nov 17 j 21:45	14°♉37'46	-0°42'40
min. Earth dist.	-1285 Nov 16 j 20:05	14°♉46'29	4.18015 AU
direct	-1284 Jan 16 j 04:11	9°♉36'50	
	-1284 Mar 16 j 23:35	15°♉	
evening set	-1284 May 22 j 02:42	28°♉12'00	
	-1284 May 30 j 04:12	0°♊	
conjunction	-1284 Jun 04 j 20:14	1°♊16'09	-0°08'02
minimum elong	-1284 Jun 04 j 20:15	1°♊16'10	0°08'00
behind sun begin	-1284 Jun 04 j 12:51	1°♊12'02	
behind sun end	-1284 Jun 05 j 03:39	1°♊20'17	
max. Earth dist.	-1284 Jun 06 j 01:08	1°♊32'19	6.24508 AU
morning rise	-1284 Jun 18 j 13:00	4°♊19'37	
asc. node	-1284 Aug 18 j 18:16	16°♊35'55	
retrograde	-1284 Oct 20 j 12:09	22°♊19'07	
opposition	-1284 Dec 19 j 04:30	17°♊18'56	0°18'52
min. Earth dist.	-1284 Dec 18 j 17:44	17°♊22'32	4.30478 AU
direct	-1283 Feb 17 j 19:45	12°♊16'03	
	-1283 Jun 23 j 10:39	0°♋	
evening set	-1283 Jun 25 j 02:44	0°♋21'46	
conjunction	-1283 Jul 08 j 14:29	3°♋18'48	0°32'48
minimum elong	-1283 Jul 08 j 14:27	3°♋18'47	0°32'49
max. Earth dist.	-1283 Jul 08 j 18:00	3°♋20'44	6.35659 AU
morning rise	-1283 Jul 21 j 23:32	6°♋14'24	
retrograde	-1283 Nov 20 j 07:16	23°♋27'23	
opposition	-1282 Jan 19 j 07:13	18°♋31'08	1°11'55
min. Earth dist.	-1282 Jan 19 j 13:24	18°♋29'07	4.39546 AU
direct	-1282 Mar 22 j 03:05	13°♋27'44	
	-1282 Jul 21 j 16:21	0°♌	
evening set	-1282 Jul 27 j 11:04	1°♌14'29	
conjunction	-1282 Aug 09 j 14:05	4°♌05'25	1°02'56
minimum elong	-1282 Aug 09 j 14:03	4°♌05'24	1°02'57
max. Earth dist.	-1282 Aug 08 j 14:42	3°♌52'42	6.41898 AU
morning rise	-1282 Aug 22 j 14:09	6°♌54'49	
	-1282 Sep 30 j 23:29	15°♌	
retrograde	-1282 Dec 20 j 18:18	23°♌47'04	
opposition	-1281 Feb 19 j 02:34	18°♌53'50	1°43'45
min. Earth dist.	-1281 Feb 20 j 01:17	18°♌46'30	4.42716 AU
	-1281 Mar 25 j 20:22	15°℞♌	
direct	-1281 Apr 22 j 17:21	13°♌51'05	
	-1281 May 20 j 18:16	15°♌	
	-1281 Aug 20 j 12:07	0°♍	
evening set	-1281 Aug 27 j 15:36	1°♍32'33	
max. Earth dist.	-1281 Sep 07 j 18:56	3°♍58'24	6.41651 AU
conjunction	-1281 Sep 09 j 11:07	4°♍20'24	1°15'19
minimum elong	-1281 Sep 09 j 11:07	4°♍20'24	1°15'19
morning rise	-1281 Sep 22 j 03:41	7°♍06'57	
retrograde	-1280 Jan 20 j 16:31	24°♍05'59	
opposition	-1280 Mar 21 j 10:30	19°♍14'12	1°47'27
min. Earth dist.	-1280 Mar 22 j 18:21	19°♍04'03	4.39172 AU
direct	-1280 May 23 j 02:47	14°♍13'14	
	-1280 Sep 17 j 01:36	0°♎	
evening set	-1280 Sep 26 j 11:06	2°♎03'41	
max. Earth dist.	-1280 Oct 07 j 02:55	4°♎25'56	6.35001 AU
conjunction	-1280 Oct 09 j 02:03	4°♎52'16	1°06'55
minimum elong	-1280 Oct 09 j 02:05	4°♎52'17	1°06'54
morning rise	-1280 Oct 21 j 15:13	7°♎40'08	
retrograde	-1279 Feb 21 j 02:57	25°♎12'01	
opposition	-1279 Apr 23 j 01:24	20°♎20'03	1°20'51
min. Earth dist.	-1279 Apr 24 j 11:30	20°♎09'12	4.29780 AU
direct	-1279 Jun 24 j 04:58	15°♎21'36	
	-1279 Oct 11 j 20:03	0°♏	
evening set	-1279 Oct 27 j 18:04	3°♏33'47	
max. Earth dist.	-1279 Nov 07 j 14:59	6°♏02'54	6.23642 AU
conjunction	-1279 Nov 09 j 08:36	6°♏26'45	0°38'44
minimum elong	-1279 Nov 09 j 08:38	6°♏26'46	0°38'44
morning rise	-1279 Nov 21 j 22:49	9°♏19'48	
	-1279 Dec 17 j 11:13	15°♏	
retrograde	-1278 Mar 27 j 11:57	27°♏45'56	
opposition	-1278 May 27 j 11:22	22°♏52'03	0°27'57
min. Earth dist.	-1278 May 28 j 10:44	22°♏44'34	4.17134 AU
direct	-1278 Jul 27 j 09:40	17°♏56'23	
	-1278 Oct 30 j 22:49	0°♐	
desc. node	-1278 Nov 16 j 10:40	3°♐39'31	
evening set	-1278 Nov 29 j 09:01	6°♐38'54	
max. Earth dist.	-1278 Dec 11 j 05:29	9°♐26'03	6.10872 AU
conjunction	-1278 Dec 12 j 02:42	9°♐38'34	-0°02'55
minimum elong	-1278 Dec 12 j 02:40	9°♐38'33	0°02'57
behind sun begin	-1278 Dec 11 j 18:40	9°♐33'51	
behind sun end	-1278 Dec 12 j 10:41	9°♐43'14	
morning rise	-1278 Dec 24 j 21:32	12°♐39'07	
	-1277 Mar 26 j 11:51	0°♑	
retrograde	-1277 May 03 j 01:02	2°♑08'40	
	-1277 Jun 09 j 17:08	30°℞♐	
opposition	-1277 Jul 02 j 16:34	27°♐11'31	-0°37'41
min. Earth dist.	-1277 Jul 02 j 22:19	27°♐09'39	4.05249 AU
direct	-1277 Aug 31 j 05:25	22°♐17'55	
	-1277 Nov 11 j 14:57	0°♑	
evening set	-1276 Jan 02 j 22:01	11°♑30'43	
conjunction	-1276 Jan 15 j 21:16	14°♑37'09	-0°45'03
minimum elong	-1276 Jan 15 j 21:13	14°♑37'07	0°45'03
max. Earth dist.	-1276 Jan 16 j 04:15	14°♑41'20	6.00979 AU
morning rise	-1276 Jan 28 j 23:16	17°♑45'09	
	-1276 Mar 24 j 19:23	0°♒	
retrograde	-1276 Jun 08 j 17:20	8°♒04'21	
opposition	-1276 Aug 07 j 23:36	3°♒03'13	-1°32'11
min. Earth dist.	-1276 Aug 07 j 07:31	3°♒08'34	3.98471 AU
	-1276 Sep 01 j 19:26	30°℞♑	
direct	-1276 Oct 05 j 07:14	28°♑09'50	
	-1276 Nov 07 j 13:37	0°♒	
	-1275 Jan 27 j 00:14	15°♒	
evening set	-1275 Feb 07 j 06:49	17°♒40'15	
conjunction	-1275 Feb 20 j 13:21	20°♒51'17	-1°11'12
minimum elong	-1275 Feb 20 j 13:20	20°♒51'16	1°11'13
max. Earth dist.	-1275 Feb 22 j 00:49	21°♒12'35	5.97853 AU
morning rise	-1275 Mar 05 j 23:13	24°♒04'01	
	-1275 Mar 31 j 12:05	0°♓	
retrograde	-1275 Jul 16 j 06:27	14°♓34'03	
min. Earth dist.	-1275 Sep 12 j 20:11	9°♓39'47	3.99487 AU
opposition	-1275 Sep 14 j 02:09	9°♓29'37	-1°51'21
direct	-1275 Nov 11 j 00:26	4°♓34'14	
evening set	-1274 Mar 16 j 13:34	24°♓00'08	

Attention, astronomical year style is used: The year -1274 in astronomical counting style is the year 1275 BCE in historical counting style.

conjunction	-1274 Mar 30 j 03:41	27°♓12'14	-1°09'55
minimum elong	-1274 Mar 30 j 03:43	27°♓12'16	1°09'55
max. Earth dist.	-1274 Apr 01 j 07:52	27°♓43'02	6.02790 AU
	-1274 Apr 11 j 00:42	0°♈	
morning rise	-1274 Apr 12 j 20:15	0°♈25'30	
retrograde	-1274 Aug 21 j 05:32	20°♈20'11	
min. Earth dist.	-1274 Oct 18 j 10:29	15°♈25'58	4.07799 AU
opposition	-1274 Oct 19 j 18:46	15°♈14'57	-1°27'35
direct	-1274 Dec 17 j 03:09	10°♈16'30	
evening set	-1273 Apr 22 j 11:19	29°♈18'12	
	-1273 Apr 25 j 12:32	0°♉	
conjunction	-1273 May 06 j 05:35	2°♉27'19	-0°42'45
minimum elong	-1273 May 06 j 05:38	2°♉27'21	0°42'44
max. Earth dist.	-1273 May 08 j 03:31	2°♉53'39	6.13705 AU
morning rise	-1273 May 20 j 00:52	5°♉36'38	
	-1273 Jul 02 j 17:53	15°♉	
retrograde	-1273 Sep 23 j 23:09	24°♉29'10	
opposition	-1273 Nov 22 j 12:44	19°♉25'54	-0°34'09
min. Earth dist.	-1273 Nov 21 j 12:53	19°♉33'59	4.20096 AU
	-1272 Jan 02 j 01:50	15°℞♉	
direct	-1272 Jan 21 j 00:12	14°♉24'34	
	-1272 Feb 09 j 03:24	15°♉	
	-1272 May 13 j 17:23	0°♊	
evening set	-1272 May 26 j 23:17	2°♊54'21	
conjunction	-1272 Jun 09 j 16:21	5°♊57'25	-0°02'04
minimum elong	-1272 Jun 09 j 16:22	5°♊57'26	0°02'03
behind sun begin	-1272 Jun 09 j 08:02	5°♊52'48	
behind sun end	-1272 Jun 10 j 00:41	6°♊02'03	
max. Earth dist.	-1272 Jun 10 j 18:22	6°♊11'55	6.26463 AU
morning rise	-1272 Jun 23 j 08:04	8°♊59'39	
asc. node	-1272 Jun 28 j 14:34	10°♊09'18	
retrograde	-1272 Oct 24 j 20:49	26°♊50'46	
opposition	-1272 Dec 23 j 13:46	21°♊51'13	0°27'09
min. Earth dist.	-1272 Dec 23 j 05:36	21°♊53'56	4.32143 AU
direct	-1271 Feb 22 j 09:38	16°♊48'12	
	-1271 Jun 06 j 22:28	0°♋	
evening set	-1271 Jun 29 j 16:57	4°♋50'18	
conjunction	-1271 Jul 13 j 03:27	7°♋46'21	0°37'51
minimum elong	-1271 Jul 13 j 03:24	7°♋46'19	0°37'52
max. Earth dist.	-1271 Jul 13 j 01:13	7°♋45'07	6.36888 AU
morning rise	-1271 Jul 26 j 11:25	10°♋40'59	
retrograde	-1271 Nov 24 j 13:42	27°♋49'40	
opposition	-1270 Jan 23 j 14:17	22°♋53'56	1°17'50
min. Earth dist.	-1270 Jan 23 j 23:44	22°♋50'50	4.40286 AU
direct	-1270 Mar 26 j 13:46	17°♋50'30	
	-1270 Jul 05 j 03:24	0°♌	
evening set	-1270 Jul 31 j 20:38	5°♌36'12	
conjunction	-1270 Aug 13 j 22:41	8°♌26'37	1°05'49
minimum elong	-1270 Aug 13 j 22:39	8°♌26'36	1°05'50
max. Earth dist.	-1270 Aug 12 j 21:14	8°♌12'46	6.42083 AU
morning rise	-1270 Aug 26 j 21:24	11°♌15'27	
	-1270 Sep 13 j 11:19	15°♌	
retrograde	-1270 Dec 25 j 00:28	28°♌07'49	
opposition	-1269 Feb 23 j 10:37	23°♌14'57	1°46'03
min. Earth dist.	-1269 Feb 24 j 10:38	23°♌07'13	4.42365 AU
direct	-1269 Apr 27 j 01:33	18°♌12'27	
	-1269 Aug 03 j 21:07	0°♍	
evening set	-1269 Aug 31 j 23:49	5°♍55'25	
max. Earth dist.	-1269 Sep 11 j 23:29	8°♍19'42	6.40776 AU
conjunction	-1269 Sep 13 j 18:23	8°♍43'15	1°15'23
minimum elong	-1269 Sep 13 j 18:23	8°♍43'15	1°15'24
morning rise	-1269 Sep 26 j 10:23	11°♍29'55	
retrograde	-1268 Jan 25 j 05:30	28°♍33'10	
opposition	-1268 Mar 25 j 22:57	23°♍41'32	1°45'29
min. Earth dist.	-1268 Mar 27 j 08:38	23°♍30'48	4.37837 AU
direct	-1268 May 27 j 14:58	18°♍40'54	
	-1268 Aug 31 j 01:59	0°♎	
evening set	-1268 Sep 30 j 20:33	6°♎34'56	
max. Earth dist.	-1268 Oct 11 j 12:25	8°♎57'47	6.33313 AU
conjunction	-1268 Oct 13 j 11:23	9°♎24'07	1°04'00
minimum elong	-1268 Oct 13 j 11:25	9°♎24'08	1°03'59
morning rise	-1268 Oct 26 j 00:28	12°♎12'40	
retrograde	-1267 Feb 25 j 20:59	29°♎52'10	
opposition	-1267 Apr 27 j 20:23	25°♎00'03	1°14'42
min. Earth dist.	-1267 Apr 29 j 04:30	24°♎49'49	4.27859 AU
direct	-1267 Jun 28 j 19:02	20°♎02'04	
	-1267 Sep 23 j 22:30	0°♏	
evening set	-1267 Nov 01 j 07:47	8°♏19'02	
max. Earth dist.	-1267 Nov 12 j 08:05	10°♏50'46	6.21663 AU
conjunction	-1267 Nov 13 j 22:34	11°♏12'57	0°33'21
minimum elong	-1267 Nov 13 j 22:36	11°♏12'58	0°33'21
morning rise	-1267 Nov 26 j 13:14	14°♏07'02	
	-1267 Nov 30 j 09:58	15°♏	
	-1266 Feb 18 j 01:46	0°♐	
retrograde	-1266 Apr 01 j 16:12	2°♐42'34	
	-1266 May 14 j 19:28	30°℞♏	
opposition	-1266 Jun 01 j 13:37	27°♏48'20	0°18'51
min. Earth dist.	-1266 Jun 02 j 11:22	27°♏41'21	4.15236 AU
direct	-1266 Aug 01 j 07:50	22°♏53'04	
desc. node	-1266 Sep 24 j 22:14	27°♏19'52	
	-1266 Oct 10 j 19:55	0°♐	
evening set	-1266 Dec 04 j 05:01	11°♐40'13	
conjunction	-1266 Dec 16 j 23:19	14°♐40'52	-0°09'18
minimum elong	-1266 Dec 16 j 23:18	14°♐40'51	0°09'19
behind sun begin	-1266 Dec 16 j 16:30	14°♐36'51	
behind sun end	-1266 Dec 17 j 06:06	14°♐44'52	
max. Earth dist.	-1266 Dec 16 j 05:44	14°♐30'28	6.09235 AU
morning rise	-1266 Dec 29 j 19:07	17°♐42'32	
	-1265 Feb 24 j 23:43	0°♑	
retrograde	-1265 May 08 j 07:43	7°♑20'08	
opposition	-1265 Jul 07 j 23:29	2°♑22'25	-0°46'48
min. Earth dist.	-1265 Jul 08 j 01:02	2°♑21'55	4.04047 AU
	-1265 Jul 26 j 22:49	30°℞♐	
direct	-1265 Sep 05 j 06:48	27°♐29'00	
	-1265 Oct 14 j 22:39	0°♑	
evening set	-1264 Jan 08 j 00:17	16°♑44'38	
conjunction	-1264 Jan 21 j 00:25	19°♑51'44	-0°50'08
minimum elong	-1264 Jan 21 j 00:22	19°♑51'43	0°50'09
max. Earth dist.	-1264 Jan 21 j 12:02	19°♑58'43	6.00298 AU
morning rise	-1264 Feb 03 j 03:25	23°♑00'29	
	-1264 Mar 04 j 10:06	0°♒	
retrograde	-1264 Jun 14 j 02:30	13°♒22'56	
opposition	-1264 Aug 13 j 07:11	8°♒21'13	-1°37'27
min. Earth dist.	-1264 Aug 12 j 12:52	8°♒27'20	3.98386 AU
direct	-1264 Oct 10 j 13:41	3°♒27'38	
	-1263 Jan 08 j 20:27	15°♒	
evening set	-1263 Feb 12 j 12:39	22°♒57'40	
conjunction	-1263 Feb 25 j 20:20	26°♒08'56	-1°12'48
minimum elong	-1263 Feb 25 j 20:19	26°♒08'56	1°12'48
max. Earth dist.	-1263 Feb 27 j 12:21	26°♒32'55	5.98351 AU
morning rise	-1263 Mar 11 j 07:09	29°♒21'51	
	-1263 Mar 13 j 23:27	0°♓	
retrograde	-1263 Jul 21 j 11:00	19°♓48'20	
min. Earth dist.	-1263 Sep 17 j 22:38	14°♓54'07	4.00529 AU

Attention, astronomical year style is used: The year -1263 in astronomical counting style is the year 1264 BCE in historical counting style.

opposition	-1263 Sep 19 j 05:28	14°♓43'39	-1°50'26
direct	-1263 Nov 16 j 03:45	9°♓47'55	
evening set	-1262 Mar 21 j 19:13	29°♓10'23	
	-1262 Mar 25 j 07:59	0°♈	
conjunction	-1262 Apr 04 j 09:58	2°♈22'08	-1°07'26
minimum elong	-1262 Apr 04 j 10:00	2°♈22'10	1°07'25
max. Earth dist.	-1262 Apr 06 j 13:00	2°♈52'07	6.04257 AU
morning rise	-1262 Apr 18 j 03:20	5°♈35'00	
retrograde	-1262 Aug 26 j 00:49	25°♈21'11	
min. Earth dist.	-1262 Oct 23 j 07:01	20°♈26'58	4.09531 AU
opposition	-1262 Oct 24 j 14:55	20°♈16'04	-1°21'22
direct	-1262 Dec 22 j 02:41	15°♈17'08	
	-1261 Apr 08 j 14:21	0°♉	
evening set	-1261 Apr 27 j 12:42	4°♉14'02	
conjunction	-1261 May 11 j 07:15	7°♉22'25	-0°37'30
minimum elong	-1261 May 11 j 07:18	7°♉22'26	0°37'29
max. Earth dist.	-1261 May 13 j 03:20	7°♉47'35	6.15583 AU
morning rise	-1261 May 25 j 02:15	10°♉30'48	
	-1261 Jun 14 j 07:03	15°♉	
retrograde	-1261 Sep 28 j 13:43	29°♉13'57	
min. Earth dist.	-1261 Nov 26 j 05:10	24°♉18'21	4.21923 AU
opposition	-1261 Nov 27 j 02:26	24°♉11'09	-0°25'32
direct	-1260 Jan 25 j 18:50	19°♉09'31	
	-1260 Apr 26 j 01:32	0°♊	
asc. node	-1260 May 08 j 11:12	2°♊32'29	
evening set	-1260 May 31 j 18:46	7°♊34'50	
conjunction	-1260 Jun 14 j 11:09	10°♊36'57	0°03'59
minimum elong	-1260 Jun 14 j 11:08	10°♊36'57	0°04'00
behind sun begin	-1260 Jun 14 j 02:56	10°♊32'25	
behind sun end	-1260 Jun 14 j 19:20	10°♊41'29	
max. Earth dist.	-1260 Jun 15 j 08:40	10°♊48'54	6.28099 AU
morning rise	-1260 Jun 28 j 02:07	13°♊38'08	
	-1260 Sep 29 j 19:06	0°♋	
retrograde	-1260 Oct 29 j 04:46	1°♋22'14	
	-1260 Nov 27 j 10:46	30°℞♊	
opposition	-1260 Dec 27 j 23:02	26°♊23'11	0°35'14
min. Earth dist.	-1260 Dec 27 j 17:09	26°♊25'09	4.33477 AU
direct	-1259 Feb 26 j 22:27	21°♊19'59	
	-1259 May 19 j 13:52	0°♋	
evening set	-1259 Jul 04 j 06:59	9°♋19'24	
conjunction	-1259 Jul 17 j 16:28	12°♋14'37	0°42'41
minimum elong	-1259 Jul 17 j 16:25	12°♋14'35	0°42'42
max. Earth dist.	-1259 Jul 17 j 11:08	12°♋11'42	6.37827 AU
morning rise	-1259 Jul 30 j 23:03	15°♋08'19	
	-1259 Oct 21 j 18:06	0°♌	
retrograde	-1259 Nov 28 j 20:50	2°♌13'37	
	-1258 Jan 06 j 00:59	30°℞♋	
opposition	-1258 Jan 27 j 22:06	27°♋18'23	1°23'21
min. Earth dist.	-1258 Jan 28 j 09:57	27°♋14'31	4.40786 AU
direct	-1258 Mar 31 j 00:20	22°♋15'02	
	-1258 Jun 16 j 09:57	0°♌	
evening set	-1258 Aug 05 j 07:04	10°♌00'08	
max. Earth dist.	-1258 Aug 17 j 02:07	12°♌33'51	6.42087 AU
conjunction	-1258 Aug 18 j 07:53	12°♌50'04	1°08'22
minimum elong	-1258 Aug 18 j 07:51	12°♌50'03	1°08'22
	-1258 Aug 28 j 06:39	15°♌	
morning rise	-1258 Aug 31 j 05:41	15°♌38'30	
	-1258 Nov 18 j 12:11	0°♍	
retrograde	-1258 Dec 29 j 09:51	2°♍31'28	
	-1257 Feb 08 j 16:41	30°℞♌	
opposition	-1257 Feb 27 j 20:16	27°♌38'51	1°47'48
min. Earth dist.	-1257 Feb 28 j 22:24	27°♌30'26	4.41903 AU
direct	-1257 May 01 j 12:07	22°♌36'31	
	-1257 Jul 15 j 21:57	0°♍	
evening set	-1257 Sep 05 j 08:39	10°♍20'56	
max. Earth dist.	-1257 Sep 16 j 07:52	12°♍45'18	6.39885 AU
conjunction	-1257 Sep 18 j 02:40	13°♍08'52	1°15'02
minimum elong	-1257 Sep 18 j 02:41	13°♍08'52	1°15'03
morning rise	-1257 Sep 30 j 17:54	15°♍55'35	
	-1257 Dec 15 j 10:00	0°♎	
retrograde	-1256 Jan 29 j 17:43	3°♎03'05	
	-1256 Mar 15 j 23:22	30°℞♍	
opposition	-1256 Mar 30 j 12:54	28°♍11'30	1°42'54
min. Earth dist.	-1256 Mar 31 j 21:59	28°♍00'58	4.36593 AU
direct	-1256 Jun 01 j 02:17	23°♍11'17	
	-1256 Aug 11 j 12:00	0°♎	
evening set	-1256 Oct 05 j 06:52	11°♎08'13	
max. Earth dist.	-1256 Oct 15 j 22:41	13°♎31'38	6.31829 AU
conjunction	-1256 Oct 17 j 21:19	13°♎57'53	1°00'42
minimum elong	-1256 Oct 17 j 21:21	13°♎57'54	1°00'41
morning rise	-1256 Oct 30 j 10:29	16°♎47'03	
	-1255 Jan 05 j 12:46	0°♏	
retrograde	-1255 Mar 02 j 17:48	4°♏33'28	
	-1255 Apr 30 j 05:10	30°℞♎	
opposition	-1255 May 02 j 16:21	29°♎41'09	1°08'02
min. Earth dist.	-1255 May 03 j 23:51	29°♎31'07	4.26227 AU
direct	-1255 Jul 03 j 12:24	24°♎43'35	
	-1255 Sep 02 j 11:47	0°♏	
evening set	-1255 Nov 05 j 21:37	13°♏04'07	
	-1255 Nov 14 j 06:57	15°♏	
max. Earth dist.	-1255 Nov 17 j 01:11	15°♏38'16	6.20048 AU
conjunction	-1255 Nov 18 j 12:46	15°♏58'50	0°27'47
minimum elong	-1255 Nov 18 j 12:48	15°♏58'51	0°27'46
morning rise	-1255 Dec 01 j 03:55	18°♏53'50	
	-1254 Jan 22 j 11:05	0°♐	
retrograde	-1254 Apr 06 j 16:57	7°♐37'15	
opposition	-1254 Jun 06 j 15:04	2°♐42'35	0°09'40
min. Earth dist.	-1254 Jun 07 j 09:16	2°♐36'44	4.13771 AU
	-1254 Jun 28 j 22:43	30°℞♏	
desc. node	-1254 Aug 04 j 11:13	27°♏48'00	
direct	-1254 Aug 06 j 03:48	27°♏47'43	
	-1254 Sep 12 j 20:32	0°♐	
evening set	-1254 Dec 09 j 00:00	16°♐37'59	
conjunction	-1254 Dec 21 j 18:51	19°♐39'24	-0°15'30
minimum elong	-1254 Dec 21 j 18:50	19°♐39'23	0°15'31
behind sun begin	-1254 Dec 21 j 16:22	19°♐37'56	
behind sun end	-1254 Dec 21 j 21:18	19°♐40'51	
max. Earth dist.	-1254 Dec 21 j 05:13	19°♐31'20	6.08047 AU
morning rise	-1253 Jan 03 j 15:31	22°♐41'57	
	-1253 Feb 04 j 18:35	0°♑	
retrograde	-1253 May 13 j 13:43	12°♑25'58	
opposition	-1253 Jul 13 j 04:25	7°♑27'40	-0°55'21
min. Earth dist.	-1253 Jul 13 j 03:17	7°♑28'02	4.03242 AU
direct	-1253 Sep 10 j 08:54	2°♑34'20	
evening set	-1252 Jan 13 j 00:14	21°♑51'28	
conjunction	-1252 Jan 26 j 01:20	24°♑59'08	-0°54'41
minimum elong	-1252 Jan 26 j 01:18	24°♑59'07	0°54'42
max. Earth dist.	-1252 Jan 26 j 17:56	25°♑09'06	5.99943 AU
morning rise	-1252 Feb 08 j 05:15	28°♑08'26	
	-1252 Feb 16 j 01:31	0°♒	
	-1252 May 01 j 21:31	15°♒	
retrograde	-1252 Jun 19 j 08:24	18°♒32'40	
	-1252 Aug 07 j 03:32	15°℞♒	
opposition	-1252 Aug 18 j 11:11	13°♒30'29	-1°41'45

Attention, astronomical year style is used: The year -1252 in astronomical counting style is the year 1253 BCE in historical counting style.

min. Earth dist.	-1252 Aug 17 j 14:56	13°♒37'16	3.98553 AU
direct	-1252 Oct 15 j 15:21	8°♒36'45	
	-1252 Dec 19 j 02:08	15°♒	
evening set	-1251 Feb 17 j 15:42	28°♒05'52	
	-1251 Feb 25 j 15:02	0°♓	
conjunction	-1251 Mar 03 j 00:12	1°♓17'15	-1°13'46
minimum elong	-1251 Mar 03 j 00:12	1°♓17'14	1°13'47
max. Earth dist.	-1251 Mar 04 j 16:58	1°♓41'37	5.98981 AU
morning rise	-1251 Mar 16 j 12:08	4°♓30'18	
retrograde	-1251 Jul 26 j 09:53	24°♓52'46	
min. Earth dist.	-1251 Sep 22 j 20:52	19°♓58'42	4.01565 AU
opposition	-1251 Sep 24 j 04:39	19°♓47'53	-1°48'42
direct	-1251 Nov 21 j 03:23	14°♓51'44	
	-1250 Mar 08 j 15:50	0°♈	
evening set	-1250 Mar 26 j 21:24	4°♈11'15	
conjunction	-1250 Apr 09 j 13:05	7°♈22'47	-1°04'32
minimum elong	-1250 Apr 09 j 13:07	7°♈22'49	1°04'32
max. Earth dist.	-1250 Apr 11 j 16:21	7°♈52'48	6.05610 AU
morning rise	-1250 Apr 23 j 06:51	10°♈35'14	
	-1250 Aug 19 j 00:59	0°♉	
retrograde	-1250 Aug 30 j 19:58	0°♉13'47	
	-1250 Sep 11 j 11:58	30°℞♈	
min. Earth dist.	-1250 Oct 28 j 02:16	25°♈19'06	4.11041 AU
opposition	-1250 Oct 29 j 08:07	25°♈08'56	-1°14'48
direct	-1250 Dec 26 j 23:46	20°♈09'37	
	-1249 Mar 21 j 11:13	0°♉	
evening set	-1249 May 02 j 11:20	9°♉02'47	
conjunction	-1249 May 16 j 05:57	12°♉10'33	-0°32'10
minimum elong	-1249 May 16 j 05:59	12°♉10'34	0°32'08
max. Earth dist.	-1249 May 17 j 23:16	12°♉34'03	6.17132 AU
	-1249 May 28 j 16:36	15°♉	
morning rise	-1249 May 30 j 00:51	15°♉18'12	
	-1249 Aug 13 j 08:05	0°♊	
retrograde	-1249 Oct 03 j 00:24	3°♊53'31	
	-1249 Nov 23 j 00:47	30°℞♉	
opposition	-1249 Dec 01 j 14:02	28°♉51'14	-0°17'00
min. Earth dist.	-1249 Nov 30 j 18:06	28°♉57'58	4.23385 AU
direct	-1248 Jan 30 j 09:22	23°♉49'20	
asc. node	-1248 Mar 19 j 03:49	27°♉21'08	
	-1248 Apr 05 j 15:10	0°♊	
evening set	-1248 Jun 05 j 12:47	12°♊11'45	
conjunction	-1248 Jun 19 j 04:29	15°♊13'04	0°09'45
minimum elong	-1248 Jun 19 j 04:28	15°♊13'03	0°09'46
behind sun begin	-1248 Jun 18 j 21:45	15°♊09'20	
behind sun end	-1248 Jun 19 j 11:11	15°♊16'45	
max. Earth dist.	-1248 Jun 19 j 21:59	15°♊22'45	6.29382 AU
morning rise	-1248 Jul 02 j 18:30	18°♊13'19	
	-1248 Aug 30 j 18:52	0°♋	
retrograde	-1248 Nov 02 j 14:10	5°♋51'47	
opposition	-1247 Jan 01 j 07:33	0°♋53'21	0°42'58
min. Earth dist.	-1247 Jan 01 j 04:46	0°♋54'17	4.34497 AU
	-1247 Jan 08 j 01:05	30°℞♊	
direct	-1247 Mar 03 j 11:20	25°♊50'06	
	-1247 Apr 26 j 19:09	0°♋	
evening set	-1247 Jul 08 j 20:25	13°♋47'51	
conjunction	-1247 Jul 22 j 04:47	16°♋42'20	0°47'12
minimum elong	-1247 Jul 22 j 04:45	16°♋42'19	0°47'13
max. Earth dist.	-1247 Jul 21 j 19:51	16°♋37'27	6.38502 AU
morning rise	-1247 Aug 04 j 10:14	19°♋35'18	
	-1247 Sep 25 j 11:37	0°♌	
retrograde	-1247 Dec 03 j 03:29	6°♌38'09	
opposition	-1246 Feb 01 j 06:07	1°♌43'20	1°28'21
min. Earth dist.	-1246 Feb 01 j 19:34	1°♌38'56	4.41113 AU
	-1246 Feb 14 j 18:05	30°℞♋	
direct	-1246 Apr 04 j 09:55	26°♋40'02	
	-1246 May 23 j 04:58	0°♌	
evening set	-1246 Aug 09 j 17:05	14°♌24'53	
	-1246 Aug 12 j 09:59	15°♌	
max. Earth dist.	-1246 Aug 21 j 10:10	16°♌57'38	6.42038 AU
conjunction	-1246 Aug 22 j 16:52	17°♌14'23	1°10'30
minimum elong	-1246 Aug 22 j 16:50	17°♌14'22	1°10'31
morning rise	-1246 Sep 04 j 13:28	20°♌02'22	
	-1246 Oct 24 j 03:13	0°♍	
retrograde	-1245 Jan 02 j 18:30	6°♍56'03	
opposition	-1245 Mar 04 j 06:05	2°♍03'41	1°48'53
min. Earth dist.	-1245 Mar 05 j 09:21	1°♍54'56	4.41493 AU
	-1245 Mar 20 j 19:26	30°℞♌	
direct	-1245 May 05 j 22:30	27°♌01'38	
	-1245 Jun 20 j 22:11	0°♍	
evening set	-1245 Sep 09 j 17:20	14°♍46'57	
max. Earth dist.	-1245 Sep 20 j 13:32	17°♍10'03	6.39118 AU
conjunction	-1245 Sep 22 j 10:29	17°♍34'52	1°14'15
minimum elong	-1245 Sep 22 j 10:30	17°♍34'52	1°14'14
morning rise	-1245 Oct 05 j 01:18	20°♍21'41	
	-1245 Nov 21 j 03:07	0°♎	
retrograde	-1244 Feb 03 j 07:18	7°♎32'53	
opposition	-1244 Apr 04 j 02:31	2°♎41'14	1°39'41
min. Earth dist.	-1244 Apr 05 j 12:05	2°♎30'32	4.35498 AU
	-1244 Apr 26 j 09:52	30°℞♍	
direct	-1244 Jun 05 j 14:48	27°♍41'16	
	-1244 Jul 15 j 14:11	0°♎	
evening set	-1244 Oct 09 j 16:07	15°♎40'26	
max. Earth dist.	-1244 Oct 20 j 09:46	18°♎05'16	6.30484 AU
conjunction	-1244 Oct 22 j 06:36	18°♎30'35	0°57'02
minimum elong	-1244 Oct 22 j 06:38	18°♎30'36	0°57'02
morning rise	-1244 Nov 03 j 19:39	21°♎20'18	
	-1244 Dec 14 j 12:59	0°♏	
retrograde	-1243 Mar 07 j 11:24	9°♏13'06	
opposition	-1243 May 07 j 11:08	4°♏20'31	1°00'57
min. Earth dist.	-1243 May 08 j 17:02	4°♏10'59	4.24691 AU
	-1243 Jun 18 j 04:50	30°℞♎	
direct	-1243 Jul 08 j 02:57	29°♎23'20	
	-1243 Jul 28 j 01:32	0°♏	
	-1243 Oct 29 j 04:24	15°♏	
evening set	-1243 Nov 10 j 10:22	17°♏47'10	
max. Earth dist.	-1243 Nov 21 j 15:40	20°♏22'55	6.18438 AU
conjunction	-1243 Nov 23 j 01:42	20°♏42'40	0°22'04
minimum elong	-1243 Nov 23 j 01:43	20°♏42'41	0°22'03
morning rise	-1243 Dec 05 j 17:32	23°♏38'36	
	-1242 Jan 03 j 03:15	0°♐	
retrograde	-1242 Apr 11 j 18:00	12°♐30'10	
opposition	-1242 Jun 11 j 15:28	7°♐34'59	0°00'27
min. Earth dist.	-1242 Jun 12 j 07:42	7°♐29'44	4.12183 AU
desc. node	-1242 Jun 14 j 08:10	7°♐14'07	
direct	-1242 Aug 11 j 00:37	2°♐40'20	
evening set	-1242 Dec 13 j 18:23	21°♐34'28	
conjunction	-1242 Dec 26 j 14:05	24°♐36'49	-0°21'36
minimum elong	-1242 Dec 26 j 14:04	24°♐36'48	0°21'37
max. Earth dist.	-1242 Dec 26 j 04:49	24°♐31'19	6.06634 AU
morning rise	-1241 Jan 08 j 11:34	27°♐40'22	
	-1241 Jan 18 j 09:58	0°♑	
retrograde	-1241 May 18 j 19:48	17°♑31'32	
opposition	-1241 Jul 18 j 08:30	12°♑32'42	-1°03'33
min. Earth dist.	-1241 Jul 18 j 04:56	12°♑33'53	4.02155 AU

Attention, astronomical year style is used: The year -1241 in astronomical counting style is the year 1242 BCE in historical counting style.

direct	-1241 Sep 15 j 08:44	7°♑39'25	
evening set	-1240 Jan 18 j 01:04	26°♑59'31	
	-1240 Jan 30 j 13:53	0°♒	
conjunction	-1240 Jan 31 j 03:00	0°♒07'53	-0°58'51
minimum elong	-1240 Jan 31 j 02:58	0°♒07'52	0°58'51
max. Earth dist.	-1240 Jan 31 j 21:48	0°♒19'11	5.99257 AU
morning rise	-1240 Feb 13 j 08:11	3°♒17'59	
	-1240 Apr 06 j 05:06	15°♒	
retrograde	-1240 Jun 24 j 13:02	23°♒45'09	
opposition	-1240 Aug 23 j 15:38	18°♒42'25	-1°45'21
min. Earth dist.	-1240 Aug 22 j 16:47	18°♒50'06	3.98358 AU
	-1240 Sep 24 j 02:54	15°℞♒	
direct	-1240 Oct 20 j 17:22	13°♒48'23	
	-1240 Nov 16 j 07:25	15°♒	
	-1239 Feb 08 j 19:18	0°♓	
evening set	-1239 Feb 22 j 20:29	3°♓18'08	
conjunction	-1239 Mar 08 j 06:16	6°♓29'54	-1°14'10
minimum elong	-1239 Mar 08 j 06:16	6°♓29'54	1°14'11
max. Earth dist.	-1239 Mar 10 j 02:23	6°♓56'15	5.99292 AU
morning rise	-1239 Mar 21 j 19:05	9°♓43'13	
	-1239 Jul 26 j 10:30	0°♈	
retrograde	-1239 Jul 31 j 13:38	0°♈02'38	
	-1239 Aug 05 j 16:23	30°℞♓	
min. Earth dist.	-1239 Sep 27 j 22:33	25°♓08'15	4.02336 AU
opposition	-1239 Sep 29 j 05:53	24°♓57'35	-1°46'08
direct	-1239 Nov 26 j 06:38	20°♓00'59	
	-1238 Feb 18 j 00:24	0°♈	
evening set	-1238 Apr 01 j 02:43	9°♈18'28	
conjunction	-1238 Apr 14 j 19:07	12°♈29'50	-1°01'05
minimum elong	-1238 Apr 14 j 19:10	12°♈29'52	1°01'04
max. Earth dist.	-1238 Apr 16 j 22:17	12°♈59'40	6.06771 AU
morning rise	-1238 Apr 28 j 13:32	15°♈42'00	
	-1238 Jul 07 j 08:41	0°♉	
retrograde	-1238 Sep 04 j 15:13	5°♉13'05	
min. Earth dist.	-1238 Nov 01 j 21:45	0°♉18'40	4.12475 AU
opposition	-1238 Nov 03 j 03:39	0°♉08'28	-1°07'32
	-1238 Nov 04 j 04:30	30°℞♈	
direct	-1238 Dec 31 j 21:25	25°♈08'47	
	-1237 Feb 26 j 17:49	0°♉	
evening set	-1237 May 07 j 13:24	13°♉58'29	
	-1237 May 12 j 02:24	15°♉	
conjunction	-1237 May 21 j 07:58	17°♉05'32	-0°26'26
minimum elong	-1237 May 21 j 08:00	17°♉05'33	0°26'24
max. Earth dist.	-1237 May 22 j 22:12	17°♉27'13	6.18756 AU
morning rise	-1237 Jun 04 j 02:34	20°♉12'20	
	-1237 Jul 20 j 12:28	0°♊	
retrograde	-1237 Oct 07 j 15:36	8°♊39'17	
min. Earth dist.	-1237 Dec 05 j 11:08	3°♊43'23	4.25055 AU
opposition	-1237 Dec 06 j 04:30	3°♊37'31	-0°08'08
	-1236 Jan 05 j 10:30	30°℞♉	
asc. node	-1236 Jan 27 j 04:10	28°♉41'43	
direct	-1236 Feb 04 j 05:04	28°♉35'24	
	-1236 Mar 05 j 08:30	0°♊	
evening set	-1236 Jun 10 j 09:07	16°♊53'50	
conjunction	-1236 Jun 24 j 00:05	19°♊54'09	0°15'36
minimum elong	-1236 Jun 24 j 00:04	19°♊54'08	0°15'38
behind sun begin	-1236 Jun 23 j 22:55	19°♊53'30	
behind sun end	-1236 Jun 24 j 01:13	19°♊54'46	
max. Earth dist.	-1236 Jun 24 j 15:40	20°♊02'45	6.31009 AU
morning rise	-1236 Jul 07 j 12:59	22°♊53'16	
	-1236 Aug 10 j 06:33	0°♋	
retrograde	-1236 Nov 06 j 21:57	10°♋24'47	
opposition	-1235 Jan 05 j 17:57	5°♋26'53	0°50'33
min. Earth dist.	-1235 Jan 05 j 16:04	5°♋27'30	4.35991 AU
direct	-1235 Mar 08 j 00:49	0°♋23'36	
evening set	-1235 Jul 13 j 10:44	18°♋17'44	
conjunction	-1235 Jul 26 j 17:43	21°♋11'10	0°51'28
minimum elong	-1235 Jul 26 j 17:40	21°♋11'08	0°51'29
max. Earth dist.	-1235 Jul 26 j 05:44	21°♋04'37	6.39765 AU
morning rise	-1235 Aug 08 j 21:48	24°♋03'04	
	-1235 Sep 06 j 06:05	0°♌	
retrograde	-1235 Dec 07 j 10:41	11°♌01'32	
opposition	-1234 Feb 05 j 14:21	6°♌07'09	1°32'46
min. Earth dist.	-1234 Feb 06 j 06:18	6°♌01'59	4.42073 AU
direct	-1234 Apr 08 j 22:13	1°♌04'01	
	-1234 Jul 27 j 08:08	15°♌	
evening set	-1234 Aug 14 j 02:00	18°♌46'14	
max. Earth dist.	-1234 Aug 25 j 15:03	21°♌16'45	6.42603 AU
conjunction	-1234 Aug 27 j 00:37	21°♌35'02	1°12'12
minimum elong	-1234 Aug 27 j 00:35	21°♌35'01	1°12'13
morning rise	-1234 Sep 08 j 20:08	24°♌22'22	
	-1234 Oct 05 j 13:30	0°♍	
retrograde	-1233 Jan 07 j 00:39	11°♍14'58	
opposition	-1233 Mar 08 j 14:12	6°♍22'45	1°49'17
min. Earth dist.	-1233 Mar 09 j 18:24	6°♍13'43	4.41637 AU
direct	-1233 May 10 j 07:13	1°♍20'54	
evening set	-1233 Sep 13 j 22:50	19°♍05'22	
max. Earth dist.	-1233 Sep 24 j 18:29	21°♍28'18	6.38821 AU
conjunction	-1233 Sep 26 j 15:23	21°♍53'07	1°13'02
minimum elong	-1233 Sep 26 j 15:24	21°♍53'07	1°13'01
morning rise	-1233 Oct 09 j 05:29	24°♍39'49	
	-1233 Nov 03 j 03:23	0°♎	
retrograde	-1232 Feb 07 j 16:06	11°♎53'34	
opposition	-1232 Apr 08 j 12:57	7°♎01'55	1°35'56
min. Earth dist.	-1232 Apr 09 j 23:13	6°♎51'01	4.34751 AU
direct	-1232 Jun 10 j 00:00	2°♎02'19	
evening set	-1232 Oct 13 j 21:35	20°♎02'46	
max. Earth dist.	-1232 Oct 24 j 13:33	22°♎27'08	6.29333 AU
conjunction	-1232 Oct 26 j 11:46	22°♎53'18	0°53'10
minimum elong	-1232 Oct 26 j 11:48	22°♎53'19	0°53'09
morning rise	-1232 Nov 08 j 01:03	25°♎43'34	
	-1232 Nov 27 j 08:47	0°♏	
retrograde	-1231 Mar 12 j 02:20	13°♏42'37	
opposition	-1231 May 12 j 02:00	8°♏49'46	0°53'44
min. Earth dist.	-1231 May 13 j 07:21	8°♏40'24	4.23179 AU
direct	-1231 Jul 12 j 14:50	3°♏52'52	
	-1231 Oct 12 j 15:44	15°♏	
evening set	-1231 Nov 14 j 19:15	22°♏20'27	
max. Earth dist.	-1231 Nov 26 j 03:46	24°♏58'36	6.16709 AU
conjunction	-1231 Nov 27 j 11:11	25°♏16'53	0°16'25
minimum elong	-1231 Nov 27 j 11:12	25°♏16'53	0°16'24
morning rise	-1231 Dec 10 j 03:28	28°♏13'49	
	-1231 Dec 17 j 20:00	0°♐	
retrograde	-1230 Apr 16 j 15:57	17°♐14'15	
desc. node	-1230 Apr 26 j 06:48	17°♐05'31	
opposition	-1230 Jun 16 j 12:03	12°♐18'44	-0°08'29
min. Earth dist.	-1230 Jun 17 j 02:54	12°♐13'56	4.10362 AU
direct	-1230 Aug 15 j 16:25	7°♐24'21	
evening set	-1230 Dec 18 j 10:06	26°♐23'48	
conjunction	-1230 Dec 31 j 06:29	29°♐27'16	-0°27'21
minimum elong	-1230 Dec 31 j 06:27	29°♐27'14	0°27'23
max. Earth dist.	-1230 Dec 30 j 22:43	29°♐22'38	6.04878 AU
	-1229 Jan 02 j 13:23	0°♑	

Attention, astronomical year style is used: The year -1229 in astronomical counting style is the year 1230 BCE in historical counting style.

morning rise	-1229 Jan 13 j 05:09	2°♑32'05	
retrograde	-1229 May 23 j 23:10	22°♑32'11	
opposition	-1229 Jul 23 j 10:15	17°♑32'50	-1°11'04
min. Earth dist.	-1229 Jul 23 j 03:38	17°♑35'01	4.00642 AU
direct	-1229 Sep 20 j 05:17	12°♑39'33	
	-1228 Jan 14 j 06:54	0°♒	
evening set	-1228 Jan 23 j 00:35	2°♒04'40	
conjunction	-1228 Feb 05 j 03:49	5°♒14'05	-1°02'28
minimum elong	-1228 Feb 05 j 03:46	5°♒14'04	1°02'28
max. Earth dist.	-1228 Feb 06 j 03:32	5°♒28'22	5.98138 AU
morning rise	-1228 Feb 18 j 10:03	8°♒25'12	
	-1228 Mar 17 j 18:27	15°♒	
retrograde	-1228 Jun 29 j 20:15	28°♒57'03	
opposition	-1228 Aug 28 j 19:30	23°♒53'56	-1°48'03
min. Earth dist.	-1228 Aug 27 j 19:33	24°♒02'00	3.97776 AU
direct	-1228 Oct 25 j 19:31	18°♒59'41	
	-1227 Jan 21 j 15:00	0°♓	
evening set	-1227 Feb 28 j 02:02	8°♓31'40	
conjunction	-1227 Mar 13 j 12:56	11°♓43'58	-1°13'56
minimum elong	-1227 Mar 13 j 12:57	11°♓43'59	1°13'56
max. Earth dist.	-1227 Mar 15 j 11:26	12°♓11'42	5.99290 AU
morning rise	-1227 Mar 27 j 02:59	14°♓57'48	
	-1227 Jun 07 j 06:16	0°♈	
retrograde	-1227 Aug 05 j 16:15	5°♈14'51	
min. Earth dist.	-1227 Oct 02 j 22:10	0°♈20'57	4.02929 AU
opposition	-1227 Oct 04 j 07:17	0°♈09'39	-1°42'40
	-1227 Oct 05 j 11:36	30°℞♓	
direct	-1227 Dec 01 j 07:47	25°♓12'38	
	-1226 Jan 25 j 19:37	0°♈	
evening set	-1226 Apr 06 j 09:09	14°♈28'39	
conjunction	-1226 Apr 20 j 02:14	17°♈39'49	-0°57'05
minimum elong	-1226 Apr 20 j 02:17	17°♈39'51	0°57'05
max. Earth dist.	-1226 Apr 22 j 04:51	18°♈09'16	6.07899 AU
morning rise	-1226 May 03 j 21:09	20°♈51'40	
	-1226 Jun 14 j 15:11	0°♉	
retrograde	-1226 Sep 09 j 12:10	10°♉15'08	
min. Earth dist.	-1226 Nov 06 j 19:32	5°♉20'23	4.13976 AU
opposition	-1226 Nov 08 j 00:04	5°♉10'39	-0°59'42
direct	-1225 Jan 05 j 22:07	0°♉10'29	
	-1225 Apr 24 j 21:10	15°♉	
evening set	-1225 May 12 j 15:41	18°♉56'00	
conjunction	-1225 May 26 j 10:12	22°♉02'14	-0°20'28
minimum elong	-1225 May 26 j 10:14	22°♉02'15	0°20'27
max. Earth dist.	-1225 May 27 j 23:55	22°♉23'32	6.20498 AU
morning rise	-1225 Jun 09 j 04:13	25°♉08'01	
	-1225 Jul 01 j 09:15	0°♊	
retrograde	-1225 Oct 12 j 04:08	13°♊25'58	
asc. node	-1225 Dec 05 j 13:40	9°♊06'37	
opposition	-1225 Dec 10 j 18:56	8°♊24'36	0°00'49
min. Earth dist.	-1225 Dec 10 j 02:28	8°♊30'09	4.26841 AU
direct	-1224 Feb 08 j 23:23	3°♊22'12	
evening set	-1224 Jun 15 j 05:14	21°♊36'02	
conjunction	-1224 Jun 28 j 19:03	24°♊35'12	0°21'23
minimum elong	-1224 Jun 28 j 19:01	24°♊35'11	0°21'24
max. Earth dist.	-1224 Jun 29 j 05:51	24°♊41'08	6.32662 AU
morning rise	-1224 Jul 12 j 06:54	27°♊33'09	
	-1224 Jul 23 j 13:56	0°♋	
retrograde	-1224 Nov 11 j 07:32	14°♋57'47	
opposition	-1223 Jan 10 j 04:15	10°♋00'20	0°57'53
min. Earth dist.	-1223 Jan 10 j 05:42	9°♋59'51	4.37367 AU
direct	-1223 Mar 12 j 16:40	4°♋56'55	
evening set	-1223 Jul 18 j 00:27	22°♋47'48	

conjunction	-1223 Jul 31 j 06:19	25°♋40'20	0°55'30
minimum elong	-1223 Jul 31 j 06:17	25°♋40'19	0°55'31
max. Earth dist.	-1223 Jul 30 j 15:45	25°♋32'24	6.40728 AU
morning rise	-1223 Aug 13 j 08:58	28°♋31'17	
	-1223 Aug 20 j 05:56	0°♌	
	-1223 Nov 24 j 23:59	15°♌	
retrograde	-1223 Dec 11 j 16:46	15°♌26'39	
	-1223 Dec 28 j 09:55	15°℞♌	
opposition	-1222 Feb 09 j 23:13	10°♌32'36	1°36'48
min. Earth dist.	-1222 Feb 10 j 16:27	10°♌27'01	4.42578 AU
direct	-1222 Apr 13 j 08:47	5°♌29'33	
	-1222 Jul 09 j 14:25	15°♌	
evening set	-1222 Aug 18 j 11:35	23°♌10'38	
max. Earth dist.	-1222 Aug 29 j 20:59	25°♌39'18	6.42593 AU
conjunction	-1222 Aug 31 j 09:02	25°♌58'59	1°13'34
minimum elong	-1222 Aug 31 j 09:01	25°♌58'58	1°13'35
morning rise	-1222 Sep 13 j 03:34	28°♌45'55	
	-1222 Sep 18 j 20:48	0°♍	
retrograde	-1221 Jan 11 j 10:23	15°♍39'31	
opposition	-1221 Mar 13 j 00:54	10°♍47'29	1°49'13
min. Earth dist.	-1221 Mar 14 j 07:24	10°♍37'44	4.41113 AU
direct	-1221 May 14 j 19:17	5°♍45'53	
evening set	-1221 Sep 18 j 07:15	23°♍31'33	
max. Earth dist.	-1221 Sep 29 j 00:13	25°♍53'24	6.37808 AU
conjunction	-1221 Sep 30 j 23:12	26°♍19'26	1°11'25
minimum elong	-1221 Sep 30 j 23:13	26°♍19'27	1°11'26
morning rise	-1221 Oct 13 j 13:00	29°♍06'25	
	-1221 Oct 17 j 14:30	0°♎	
retrograde	-1220 Feb 12 j 06:01	16°♎25'08	
opposition	-1220 Apr 13 j 03:58	11°♎33'22	1°31'35
min. Earth dist.	-1220 Apr 14 j 13:57	11°♎22'33	4.33309 AU
direct	-1220 Jun 14 j 12:29	6°♎34'04	
evening set	-1220 Oct 18 j 08:03	24°♎37'59	
max. Earth dist.	-1220 Oct 29 j 02:22	27°♎04'14	6.27590 AU
conjunction	-1220 Oct 30 j 22:22	27°♎29'14	0°48'48
minimum elong	-1220 Oct 30 j 22:25	27°♎29'16	0°48'47
	-1220 Nov 10 j 23:50	0°♏	
morning rise	-1220 Nov 12 j 11:44	0°♏20'18	
	-1219 Jan 27 j 12:22	15°♏	
retrograde	-1219 Mar 17 j 00:17	18°♏27'36	
	-1219 May 05 j 15:41	15°℞♏	
opposition	-1219 May 16 j 23:39	13°♏34'30	0°45'46
min. Earth dist.	-1219 May 18 j 04:15	13°♏25'22	4.21237 AU
direct	-1219 Jul 17 j 08:44	8°♏38'01	
	-1219 Sep 22 j 08:21	15°♏	
evening set	-1219 Nov 19 j 11:00	27°♏10'29	
max. Earth dist.	-1219 Nov 30 j 21:17	29°♏50'24	6.14742 AU
	-1219 Dec 01 j 13:41	0°♐	
conjunction	-1219 Dec 02 j 03:17	0°♐07'56	0°10'19
minimum elong	-1219 Dec 02 j 03:18	0°♐07'57	0°10'18
behind sun begin	-1219 Dec 01 j 20:54	0°♐04'14	
behind sun end	-1219 Dec 02 j 09:41	0°♐11'40	
morning rise	-1219 Dec 14 j 20:30	3°♐06'05	
desc. node	-1218 Mar 05 j 07:13	18°♐54'17	
retrograde	-1218 Apr 21 j 20:50	22°♐16'13	
opposition	-1218 Jun 21 j 16:16	17°♐20'13	-0°17'58
min. Earth dist.	-1218 Jun 22 j 03:39	17°♐16'31	4.08539 AU
direct	-1218 Aug 20 j 14:57	12°♐26'07	
	-1218 Dec 16 j 23:47	0°♑	
evening set	-1218 Dec 23 j 09:06	1°♑30'33	
conjunction	-1217 Jan 05 j 06:29	4°♑35'04	-0°33'18
minimum elong	-1217 Jan 05 j 06:27	4°♑35'03	0°33'19

Attention, astronomical year style is used: The year -1217 in astronomical counting style is the year 1218 BCE in historical counting style.

max. Earth dist.	-1217 Jan 05 j 04:32	4°♑33'54	6.03391 AU
morning rise	-1217 Jan 18 j 06:02	7°♑40'58	
retrograde	-1217 May 29 j 10:01	27°♑48'25	
opposition	-1217 Jul 28 j 18:29	22°♑48'33	-1°18'30
min. Earth dist.	-1217 Jul 28 j 09:39	22°♑51'28	3.99681 AU
direct	-1217 Sep 25 j 10:16	17°♑55'20	
	-1217 Dec 27 j 08:02	0°♒	
evening set	-1216 Jan 28 j 06:18	7°♒23'04	
conjunction	-1216 Feb 10 j 10:30	10°♒33'06	-1°05'48
minimum elong	-1216 Feb 10 j 10:28	10°♒33'04	1°05'49
max. Earth dist.	-1216 Feb 11 j 14:03	10°♒49'41	5.97794 AU
morning rise	-1216 Feb 23 j 18:01	13°♒44'53	
	-1216 Feb 29 j 00:15	15°♒	
	-1216 May 12 j 18:03	0°♓	
retrograde	-1216 Jul 05 j 04:01	4°♓17'21	
	-1216 Aug 28 j 09:15	30°℞♒	
min. Earth dist.	-1216 Sep 01 j 23:23	29°♒22'59	3.98140 AU
opposition	-1216 Sep 03 j 02:33	29°♒13'49	-1°49'58
direct	-1216 Oct 31 j 00:39	24°♒19'18	
	-1216 Dec 30 j 10:15	0°♓	
evening set	-1215 Mar 05 j 10:02	13°♓49'45	
conjunction	-1215 Mar 18 j 21:55	17°♓02'02	-1°13'10
minimum elong	-1215 Mar 18 j 21:56	17°♓02'03	1°13'09
max. Earth dist.	-1215 Mar 20 j 22:08	17°♓30'42	6.00310 AU
morning rise	-1215 Apr 01 j 12:50	20°♓15'44	
	-1215 May 15 j 04:23	0°♈	
retrograde	-1215 Aug 10 j 17:47	10°♈26'11	
min. Earth dist.	-1215 Oct 07 j 23:40	5°♈32'06	4.04473 AU
opposition	-1215 Oct 09 j 08:34	5°♈20'51	-1°38'25
direct	-1215 Dec 06 j 12:09	0°♈23'22	
evening set	-1214 Apr 11 j 14:13	19°♈34'30	
conjunction	-1214 Apr 25 j 07:54	22°♈45'02	-0°52'46
minimum elong	-1214 Apr 25 j 07:58	22°♈45'04	0°52'44
max. Earth dist.	-1214 Apr 27 j 11:05	23°♈14'39	6.09833 AU
morning rise	-1214 May 09 j 02:53	25°♈56'02	
	-1214 May 27 j 03:07	0°♉	
	-1214 Sep 04 j 15:02	15°♉	
retrograde	-1214 Sep 14 j 05:00	15°♉09'08	
	-1214 Sep 23 j 17:56	15°℞♉	
opposition	-1214 Nov 12 j 17:23	10°♉05'01	-0°51'39
min. Earth dist.	-1214 Nov 11 j 13:47	10°♉14'24	4.16082 AU
direct	-1213 Jan 10 j 19:02	5°♉04'31	
	-1213 Apr 06 j 13:48	15°♉	
evening set	-1213 May 17 j 14:39	23°♉44'16	
conjunction	-1213 May 31 j 08:38	26°♉49'25	-0°14'34
minimum elong	-1213 May 31 j 08:39	26°♉49'26	0°14'33
behind sun begin	-1213 May 31 j 05:22	26°♉47'36	
behind sun end	-1213 May 31 j 11:56	26°♉51'16	
max. Earth dist.	-1213 Jun 01 j 17:24	27°♉07'50	6.22592 AU
morning rise	-1213 Jun 14 j 02:10	29°♉54'03	
	-1213 Jun 14 j 12:52	0°♊	
asc. node	-1213 Oct 15 j 10:18	18°♊02'30	
retrograde	-1213 Oct 16 j 14:01	18°♊02'38	
opposition	-1213 Dec 15 j 05:46	13°♊01'48	0°09'25
min. Earth dist.	-1213 Dec 14 j 16:19	13°♊06'19	4.28735 AU
direct	-1212 Feb 13 j 15:45	7°♊59'09	
evening set	-1212 Jun 19 j 21:02	26°♊08'32	
conjunction	-1212 Jul 03 j 10:02	29°♊06'41	0°26'51
minimum elong	-1212 Jul 03 j 10:00	29°♊06'40	0°26'51
max. Earth dist.	-1212 Jul 03 j 17:56	29°♊11'01	6.34213 AU
	-1212 Jul 07 j 11:04	0°♋	
morning rise	-1212 Jul 16 j 20:31	2°♋03'29	
retrograde	-1212 Nov 15 j 12:50	19°♋22'20	
opposition	-1211 Jan 14 j 11:28	14°♋25'28	1°04'38
min. Earth dist.	-1211 Jan 14 j 14:55	14°♋24'20	4.38476 AU
direct	-1211 Mar 17 j 03:01	9°♋22'05	
evening set	-1211 Jul 22 j 11:08	27°♋10'54	
conjunction	-1211 Aug 04 j 15:38	0°♌02'41	0°59'06
minimum elong	-1211 Aug 04 j 15:35	0°♌02'40	0°59'08
max. Earth dist.	-1211 Aug 03 j 19:45	29°♋51'52	6.41294 AU
	-1211 Aug 04 j 10:42	0°♌	
morning rise	-1211 Aug 17 j 17:13	2°♌52'56	
	-1211 Oct 19 j 13:01	15°♌	
retrograde	-1211 Dec 15 j 23:51	19°♌46'57	
	-1210 Feb 13 j 09:48	15°℞♌	
opposition	-1210 Feb 14 j 06:28	14°♌53'19	1°40'15
min. Earth dist.	-1210 Feb 15 j 03:04	14°♌46'39	4.42593 AU
direct	-1210 Apr 17 j 19:03	9°♌50'23	
	-1210 Jun 18 j 15:32	15°♌	
evening set	-1210 Aug 22 j 19:32	27°♌32'06	
max. Earth dist.	-1210 Sep 03 j 02:04	29°♌59'27	6.42040 AU
	-1210 Sep 03 j 03:04	0°♍	
conjunction	-1210 Sep 04 j 16:13	0°♍20'18	1°14'31
minimum elong	-1210 Sep 04 j 16:12	0°♍20'18	1°14'31
morning rise	-1210 Sep 17 j 09:50	3°♍07'07	
retrograde	-1209 Jan 15 j 18:53	20°♍03'41	
opposition	-1209 Mar 17 j 11:17	15°♍11'48	1°48'34
min. Earth dist.	-1209 Mar 18 j 18:08	15°♍01'57	4.40052 AU
direct	-1209 May 19 j 03:59	10°♍10'30	
evening set	-1209 Sep 22 j 15:40	27°♍59'10	
	-1209 Oct 01 j 17:51	0°♎	
max. Earth dist.	-1209 Oct 03 j 08:13	0°♎21'20	6.36318 AU
conjunction	-1209 Oct 05 j 07:11	0°♎47'28	1°09'23
minimum elong	-1209 Oct 05 j 07:13	0°♎47'29	1°09'24
morning rise	-1209 Oct 17 j 20:43	3°♎34'57	
retrograde	-1208 Feb 16 j 23:07	21°♎00'24	
opposition	-1208 Apr 17 j 20:40	16°♎08'37	1°26'38
min. Earth dist.	-1208 Apr 19 j 07:14	15°♎57'37	4.31477 AU
direct	-1208 Jun 19 j 03:19	11°♎09'44	
evening set	-1208 Oct 22 j 19:56	29°♎18'14	
	-1208 Oct 25 j 21:36	0°♏	
max. Earth dist.	-1208 Nov 02 j 14:56	1°♏45'35	6.25575 AU
conjunction	-1208 Nov 04 j 10:21	2°♏10'22	0°44'05
minimum elong	-1208 Nov 04 j 10:24	2°♏10'24	0°44'03
morning rise	-1208 Nov 17 j 00:11	5°♏02'27	
	-1207 Jan 02 j 21:54	15°♏	
retrograde	-1207 Mar 21 j 23:51	23°♏18'59	
opposition	-1207 May 21 j 23:29	18°♏25'33	0°37'20
min. Earth dist.	-1207 May 23 j 01:01	18°♏17'22	4.19190 AU
	-1207 Jun 20 j 14:55	15°℞♏	
direct	-1207 Jul 22 j 03:02	13°♏29'27	
	-1207 Aug 22 j 09:54	15°♏	
	-1207 Nov 15 j 01:00	0°♐	
evening set	-1207 Nov 24 j 04:55	2°♐07'02	
conjunction	-1207 Dec 06 j 21:51	5°♐05'32	0°04'03
minimum elong	-1207 Dec 06 j 21:53	5°♐05'33	0°04'02
behind sun begin	-1207 Dec 06 j 13:58	5°♐00'56	
behind sun end	-1207 Dec 07 j 05:47	5°♐10'10	
max. Earth dist.	-1207 Dec 05 j 20:55	4°♐50'54	6.12862 AU
morning rise	-1207 Dec 19 j 15:45	8°♐04'49	
desc. node	-1206 Jan 11 j 20:07	13°♐22'13	
retrograde	-1206 Apr 27 j 05:26	27°♐24'04	
opposition	-1206 Jun 26 j 22:24	22°♐27'32	-0°27'28
min. Earth dist.	-1206 Jun 27 j 07:28	22°♐24'35	4.06993 AU

Attention, astronomical year style is used: The year -1206 in astronomical counting style is the year 1207 BCE in historical counting style.

direct	-1206 Aug 25 j 16:57	17°♐33'40	
	-1206 Nov 29 j 08:10	0°♑	
evening set	-1206 Dec 28 j 09:48	6°♑41'49	
conjunction	-1205 Jan 10 j 07:57	9°♑47'10	-0°39'02
minimum elong	-1205 Jan 10 j 07:55	9°♑47'09	0°39'02
max. Earth dist.	-1205 Jan 10 j 09:57	9°♑48'22	6.02309 AU
morning rise	-1205 Jan 23 j 08:40	12°♑54'01	
	-1205 Apr 19 j 11:49	0°♒	
retrograde	-1205 Jun 03 j 18:27	3°♒06'37	
	-1205 Jul 19 j 10:39	30°℞♑	
opposition	-1205 Aug 03 j 02:48	28°♑06'07	-1°25'17
min. Earth dist.	-1205 Aug 02 j 13:53	28°♑10'24	3.99203 AU
direct	-1205 Sep 30 j 14:18	23°♑12'50	
	-1205 Dec 06 j 09:23	0°♒	
evening set	-1204 Feb 02 j 11:53	12°♒41'15	
	-1204 Feb 12 j 03:14	15°♒	
conjunction	-1204 Feb 15 j 17:05	15°♒51'39	-1°08'35
minimum elong	-1204 Feb 15 j 17:03	15°♒51'38	1°08'36
max. Earth dist.	-1204 Feb 17 j 00:30	16°♒10'32	5.97924 AU
morning rise	-1204 Feb 29 j 01:35	19°♒03'47	
	-1204 Apr 18 j 00:59	0°♓	
retrograde	-1204 Jul 10 j 10:41	9°♓34'49	
min. Earth dist.	-1204 Sep 07 j 03:47	4°♓40'22	3.98867 AU
opposition	-1204 Sep 08 j 08:01	4°♓30'48	-1°50'58
	-1204 Oct 21 j 00:47	30°℞♒	
direct	-1204 Nov 05 j 06:49	29°♒35'53	
	-1204 Nov 20 j 12:32	0°♓	
evening set	-1203 Mar 10 j 16:34	19°♓03'39	
conjunction	-1203 Mar 24 j 05:30	22°♓15'47	-1°11'50
minimum elong	-1203 Mar 24 j 05:32	22°♓15'48	1°11'50
max. Earth dist.	-1203 Mar 26 j 08:25	22°♓45'56	6.01555 AU
morning rise	-1203 Apr 06 j 21:07	25°♓29'13	
	-1203 Apr 26 j 10:43	0°♈	
retrograde	-1203 Aug 15 j 17:21	15°♈32'03	
min. Earth dist.	-1203 Oct 12 j 22:38	10°♈37'56	4.06104 AU
opposition	-1203 Oct 14 j 07:22	10°♈26'46	-1°33'31
direct	-1203 Dec 11 j 12:41	5°♈28'51	
evening set	-1202 Apr 16 j 17:33	24°♈35'09	
conjunction	-1202 Apr 30 j 11:26	27°♈44'59	-0°48'08
minimum elong	-1202 Apr 30 j 11:29	27°♈45'01	0°48'07
max. Earth dist.	-1202 May 02 j 11:24	28°♈12'37	6.11698 AU
	-1202 May 10 j 06:13	0°♉	
morning rise	-1202 May 14 j 06:43	0°♉55'13	
	-1202 Jul 22 j 23:58	15°♉	
retrograde	-1202 Sep 18 j 19:38	19°♉58'36	
min. Earth dist.	-1202 Nov 16 j 07:13	15°♉03'37	4.17990 AU
	-1202 Nov 16 j 17:52	15°℞♉	
opposition	-1202 Nov 17 j 09:04	14°♉54'50	-0°43'26
direct	-1201 Jan 15 j 15:23	9°♉53'55	
	-1201 Mar 15 j 14:53	15°♉	
evening set	-1201 May 22 j 11:57	28°♉28'47	
	-1201 May 29 j 07:30	0°♊	
conjunction	-1201 Jun 05 j 05:40	1°♊33'01	-0°08'39
minimum elong	-1201 Jun 05 j 05:40	1°♊33'01	0°08'38
behind sun begin	-1201 Jun 04 j 22:29	1°♊29'00	
behind sun end	-1201 Jun 05 j 12:52	1°♊37'01	
max. Earth dist.	-1201 Jun 06 j 11:53	1°♊49'55	6.24418 AU
morning rise	-1201 Jun 18 j 22:20	4°♊36'30	
asc. node	-1201 Aug 25 j 08:03	17°♊52'01	
retrograde	-1201 Oct 20 j 23:59	22°♊36'56	
opposition	-1201 Dec 19 j 16:02	17°♊36'42	0°17'53
min. Earth dist.	-1201 Dec 19 j 05:00	17°♊40'23	4.30325 AU

direct	-1200 Feb 18 j 06:28	12°♊33'54	
	-1200 Jun 21 j 11:17	0°♋	
evening set	-1200 Jun 24 j 12:39	0°♋39'51	
conjunction	-1200 Jul 08 j 00:28	3°♋37'02	0°32'08
minimum elong	-1200 Jul 08 j 00:26	3°♋37'00	0°32'08
max. Earth dist.	-1200 Jul 08 j 02:51	3°♋38'20	6.35439 AU
morning rise	-1200 Jul 21 j 09:57	6°♋32'52	
retrograde	-1200 Nov 19 j 19:57	23°♋47'04	
opposition	-1199 Jan 18 j 19:11	18°♋50'42	1°11'02
min. Earth dist.	-1199 Jan 19 j 01:44	18°♋48'33	4.39283 AU
direct	-1199 Mar 21 j 14:33	13°♋47'15	
	-1199 Jul 19 j 13:23	0°♌	
evening set	-1199 Jul 26 j 22:07	1°♌34'50	
max. Earth dist.	-1199 Aug 08 j 03:48	4°♌14'09	6.41618 AU
conjunction	-1199 Aug 09 j 01:39	4°♌26'03	1°02'24
minimum elong	-1199 Aug 09 j 01:36	4°♌26'02	1°02'25
morning rise	-1199 Aug 22 j 01:51	7°♌15'40	
	-1199 Sep 28 j 14:46	15°♌	
retrograde	-1199 Dec 20 j 06:22	24°♌09'02	
opposition	-1198 Feb 18 j 14:50	19°♌15'47	1°43'11
min. Earth dist.	-1198 Feb 19 j 12:43	19°♌08'43	4.42440 AU
	-1198 Mar 30 j 07:15	15°℞♌	
direct	-1198 Apr 22 j 03:59	14°♌13'04	
	-1198 May 15 j 05:25	15°♌	
	-1198 Aug 18 j 05:43	0°♍	
evening set	-1198 Aug 27 j 04:25	1°♍55'40	
max. Earth dist.	-1198 Sep 07 j 07:08	4°♍21'18	6.41408 AU
conjunction	-1198 Sep 09 j 00:03	4°♍43'43	1°15'03
minimum elong	-1198 Sep 09 j 00:03	4°♍43'43	1°15'03
morning rise	-1198 Sep 21 j 17:01	7°♍30'30	
retrograde	-1197 Jan 20 j 07:19	24°♍30'19	
opposition	-1197 Mar 21 j 23:29	19°♍38'37	1°47'17
min. Earth dist.	-1197 Mar 23 j 08:08	19°♍28'11	4.38992 AU
direct	-1197 May 23 j 16:28	14°♍37'38	
	-1197 Sep 15 j 16:55	0°♎	
evening set	-1197 Sep 27 j 01:02	2°♎29'01	
max. Earth dist.	-1197 Oct 07 j 17:33	4°♎51'40	6.34927 AU
conjunction	-1197 Oct 09 j 16:18	5°♎17'45	1°06'57
minimum elong	-1197 Oct 09 j 16:20	5°♎17'47	1°06'56
morning rise	-1197 Oct 22 j 05:35	8°♎05'44	
retrograde	-1196 Feb 21 j 15:20	25°♎37'33	
opposition	-1196 Apr 22 j 14:17	20°♎45'40	1°21'07
min. Earth dist.	-1196 Apr 23 j 23:01	20°♎35'15	4.29860 AU
direct	-1196 Jun 23 j 16:44	15°♎47'15	
	-1196 Oct 09 j 11:13	0°♏	
evening set	-1196 Oct 27 j 08:33	3°♏59'33	
max. Earth dist.	-1196 Nov 07 j 06:30	6°♏29'10	6.23892 AU
conjunction	-1196 Nov 08 j 23:05	6°♏52'26	0°39'04
minimum elong	-1196 Nov 08 j 23:07	6°♏52'28	0°39'04
morning rise	-1196 Nov 21 j 13:15	9°♏45'23	
	-1196 Dec 15 j 02:15	15°♏	
retrograde	-1195 Mar 27 j 01:27	28°♏10'01	
opposition	-1195 May 26 j 23:34	23°♏16'17	0°28'40
min. Earth dist.	-1195 May 27 j 23:44	23°♏08'32	4.17550 AU
direct	-1195 Jul 26 j 23:38	18°♏20'36	
	-1195 Oct 28 j 16:20	0°♐	
desc. node	-1195 Nov 21 j 07:38	5°♐15'46	
evening set	-1195 Nov 28 j 22:22	7°♐01'50	
conjunction	-1195 Dec 11 j 15:51	10°♐01'12	-0°02'19
minimum elong	-1195 Dec 11 j 15:51	10°♐01'12	0°02'20
behind sun begin	-1195 Dec 11 j 07:49	9°♐56'30	

Attention, astronomical year style is used: The year -1195 in astronomical counting style is the year 1196 BCE in historical counting style.

behind sun end	-1195 Dec 11 j 23:53	10°♐05'54	
max. Earth dist.	-1195 Dec 10 j 18:03	9°♐48'23	6.11423 AU
morning rise	-1195 Dec 24 j 10:35	13°♐01'27	
	-1194 Mar 23 j 00:24	0°♑	
retrograde	-1194 May 02 j 09:12	2°♑28'06	
	-1194 Jun 12 j 02:40	30°℞♐	
opposition	-1194 Jul 02 j 02:49	27°♐31'03	-0°36'36
min. Earth dist.	-1194 Jul 02 j 07:49	27°♐29'25	4.05898 AU
direct	-1194 Aug 30 j 15:55	22°♐37'27	
	-1194 Nov 09 j 11:02	0°♑	
evening set	-1193 Jan 02 j 08:51	11°♑47'57	
conjunction	-1193 Jan 15 j 07:47	14°♑53'56	-0°44'19
minimum elong	-1193 Jan 15 j 07:45	14°♑53'54	0°44'20
max. Earth dist.	-1193 Jan 15 j 14:14	14°♑57'47	6.01644 AU
morning rise	-1193 Jan 28 j 09:24	18°♑01'28	
	-1193 Mar 23 j 21:26	0°♒	
retrograde	-1193 Jun 09 j 00:58	8°♒17'38	
opposition	-1193 Aug 08 j 07:48	3°♒16'35	-1°31'10
min. Earth dist.	-1193 Aug 07 j 16:54	3°♒21'33	3.99045 AU
	-1193 Sep 04 j 09:31	30°℞♑	
direct	-1193 Oct 05 j 18:07	28°♑23'11	
	-1193 Nov 05 j 20:22	0°♒	
	-1192 Jan 26 j 12:43	15°♒	
evening set	-1192 Feb 07 j 14:39	17°♒51'30	
conjunction	-1192 Feb 20 j 20:57	21°♒02'12	-1°10'44
minimum elong	-1192 Feb 20 j 20:56	21°♒02'11	1°10'44
max. Earth dist.	-1192 Feb 22 j 08:31	21°♒23'32	5.98276 AU
morning rise	-1192 Mar 05 j 06:24	24°♒14'35	
	-1192 Mar 30 j 00:55	0°♓	
retrograde	-1192 Jul 15 j 13:24	14°♓43'08	
min. Earth dist.	-1192 Sep 12 j 04:05	9°♓48'46	3.99709 AU
opposition	-1192 Sep 13 j 09:19	9°♓38'52	-1°51'00
direct	-1192 Nov 10 j 07:29	4°♓43'37	
evening set	-1191 Mar 15 j 19:42	24°♓08'43	
conjunction	-1191 Mar 29 j 09:21	27°♓20'39	-1°09'59
minimum elong	-1191 Mar 29 j 09:23	27°♓20'41	1°09'59
max. Earth dist.	-1191 Mar 31 j 11:08	27°♓50'02	6.02779 AU
	-1191 Apr 09 j 16:02	0°♈	
morning rise	-1191 Apr 12 j 01:52	0°♈33'52	
retrograde	-1191 Aug 20 j 11:47	20°♈29'31	
min. Earth dist.	-1191 Oct 17 j 18:03	15°♈35'22	4.07573 AU
opposition	-1191 Oct 19 j 02:25	15°♈24'19	-1°28'07
direct	-1191 Dec 16 j 10:26	10°♈25'57	
evening set	-1190 Apr 21 j 17:31	29°♈28'23	
	-1190 Apr 24 j 00:52	0°♉	
conjunction	-1190 May 05 j 11:53	2°♉37'42	-0°43'18
minimum elong	-1190 May 05 j 11:56	2°♉37'44	0°43'18
max. Earth dist.	-1190 May 07 j 10:21	3°♉04'22	6.13309 AU
morning rise	-1190 May 19 j 07:02	5°♉47'11	
	-1190 Jul 01 j 01:23	15°♉	
retrograde	-1190 Sep 23 j 10:01	24°♉42'10	
opposition	-1190 Nov 21 j 22:06	19°♉38'52	-0°35'11
min. Earth dist.	-1190 Nov 20 j 22:41	19°♉46'49	4.19575 AU
	-1189 Jan 05 j 08:02	15°℞♉	
direct	-1189 Jan 20 j 08:53	14°♉37'40	
	-1189 Feb 04 j 11:45	15°♉	
	-1189 May 12 j 22:44	0°♊	
evening set	-1189 May 27 j 07:23	3°♊09'01	
conjunction	-1189 Jun 10 j 00:33	6°♊12'26	-0°02'50
minimum elong	-1189 Jun 10 j 00:33	6°♊12'26	0°02'48
behind sun begin	-1189 Jun 09 j 16:14	6°♊07'49	
behind sun end	-1189 Jun 10 j 08:52	6°♊17'03	
max. Earth dist.	-1189 Jun 11 j 02:25	6°♊26'51	6.25861 AU
morning rise	-1189 Jun 23 j 16:37	9°♊15'02	
asc. node	-1189 Jul 06 j 03:00	11°♊58'34	
retrograde	-1189 Oct 25 j 08:03	27°♊08'51	
opposition	-1189 Dec 24 j 00:59	22°♊09'08	0°26'04
min. Earth dist.	-1189 Dec 23 j 16:03	22°♊12'08	4.31535 AU
direct	-1188 Feb 22 j 18:49	17°♊06'08	
	-1188 Jun 04 j 19:13	0°♋	
evening set	-1188 Jun 29 j 03:09	5°♋09'56	
conjunction	-1188 Jul 12 j 14:03	8°♋06'21	0°37'08
minimum elong	-1188 Jul 12 j 14:00	8°♋06'19	0°37'10
max. Earth dist.	-1188 Jul 12 j 13:36	8°♋06'06	6.36343 AU
morning rise	-1188 Jul 25 j 22:14	11°♋01'19	
retrograde	-1188 Nov 24 j 03:21	28°♋11'58	
opposition	-1187 Jan 23 j 02:56	23°♋16'08	1°16'57
min. Earth dist.	-1187 Jan 23 j 11:40	23°♋13'17	4.39841 AU
direct	-1187 Mar 26 j 01:10	18°♋12'45	
	-1187 Jul 02 j 17:29	0°♌	
evening set	-1187 Jul 31 j 08:59	5°♌59'35	
max. Earth dist.	-1187 Aug 12 j 09:26	8°♌36'11	6.41774 AU
conjunction	-1187 Aug 13 j 11:14	8°♌50'14	1°05'19
minimum elong	-1187 Aug 13 j 11:12	8°♌50'12	1°05'19
morning rise	-1187 Aug 26 j 10:27	11°♌39'21	
	-1187 Sep 11 j 02:24	15°♌	
retrograde	-1187 Dec 24 j 14:53	28°♌32'31	
opposition	-1186 Feb 22 j 23:50	23°♌39'31	1°45'30
min. Earth dist.	-1186 Feb 23 j 23:38	23°♌31'50	4.42218 AU
direct	-1186 Apr 26 j 14:25	18°♌36'55	
	-1186 Aug 01 j 08:45	0°♍	
evening set	-1186 Aug 31 j 13:11	6°♍20'12	
max. Earth dist.	-1186 Sep 11 j 15:22	8°♍45'46	6.40816 AU
conjunction	-1186 Sep 13 j 08:09	9°♍08'10	1°15'08
minimum elong	-1186 Sep 13 j 08:09	9°♍08'10	1°15'09
morning rise	-1186 Sep 26 j 00:12	11°♍54'51	
retrograde	-1185 Jan 24 j 17:27	28°♍57'30	
opposition	-1185 Mar 26 j 11:38	24°♍05'49	1°45'20
min. Earth dist.	-1185 Mar 27 j 19:57	23°♍55'31	4.38069 AU
direct	-1185 May 28 j 02:49	19°♍05'09	
	-1185 Aug 29 j 15:53	0°♎	
evening set	-1185 Oct 01 j 09:58	6°♎58'23	
max. Earth dist.	-1185 Oct 12 j 01:39	9°♎21'03	6.33720 AU
conjunction	-1185 Oct 14 j 00:44	9°♎47'26	1°04'06
minimum elong	-1185 Oct 14 j 00:46	9°♎47'27	1°04'05
morning rise	-1185 Oct 26 j 14:00	12°♎35'51	
	-1184 Feb 14 j 10:09	0°♏	
retrograde	-1184 Feb 26 j 09:18	0°♏13'23	
	-1184 Mar 09 j 07:26	30°℞♎	
opposition	-1184 Apr 27 j 07:39	25°♎21'15	1°15'05
min. Earth dist.	-1184 Apr 28 j 16:26	25°♎10'49	4.28407 AU
direct	-1184 Jun 28 j 08:09	20°♎23'07	
	-1184 Sep 21 j 17:58	0°♏	
evening set	-1184 Oct 31 j 19:52	8°♏38'25	
max. Earth dist.	-1184 Nov 11 j 20:02	11°♏09'49	6.22307 AU
conjunction	-1184 Nov 13 j 10:41	11°♏32'03	0°33'50
minimum elong	-1184 Nov 13 j 10:43	11°♏32'04	0°33'49
morning rise	-1184 Nov 26 j 01:13	14°♏25'50	
	-1184 Nov 28 j 13:04	15°♏	
	-1183 Feb 15 j 07:07	0°♐	
retrograde	-1183 Mar 31 j 23:19	2°♐58'14	
	-1183 May 16 j 10:26	30°℞♏	
opposition	-1183 May 31 j 22:16	28°♏04'03	0°19'50
min. Earth dist.	-1183 Jun 01 j 19:35	27°♏57'12	4.15935 AU

Attention, astronomical year style is used: The year -1183 in astronomical counting style is the year 1184 BCE in historical counting style.

direct	-1183 Jul 31 j 16:53	23°♏08'42	
desc. node	-1183 Oct 01 j 03:41	28°♏39'48	
	-1183 Oct 08 j 21:27	0°♐	
evening set	-1183 Dec 03 j 14:58	11°♐53'43	
conjunction	-1183 Dec 16 j 08:59	14°♐53'58	-0°08'30
minimum elong	-1183 Dec 16 j 08:58	14°♐53'57	0°08'31
behind sun begin	-1183 Dec 16 j 01:55	14°♐49'49	
behind sun end	-1183 Dec 16 j 16:01	14°♐58'06	
max. Earth dist.	-1183 Dec 15 j 14:21	14°♐42'58	6.09913 AU
morning rise	-1183 Dec 29 j 04:31	17°♐55'13	
	-1182 Feb 23 j 07:57	0°♑	
retrograde	-1182 May 07 j 14:03	7°♑29'41	
opposition	-1182 Jul 07 j 06:06	2°♑32'03	-0°45'28
min. Earth dist.	-1182 Jul 07 j 08:59	2°♑31'06	4.04617 AU
	-1182 Jul 27 j 16:02	30°℞♐	
direct	-1182 Sep 04 j 15:55	27°♐38'31	
	-1182 Oct 12 j 23:43	0°♑	
evening set	-1181 Jan 07 j 07:33	16°♑52'22	
conjunction	-1181 Jan 20 j 07:31	19°♑59'12	-0°49'18
minimum elong	-1181 Jan 20 j 07:28	19°♑59'10	0°49'19
max. Earth dist.	-1181 Jan 20 j 18:26	20°♑05'45	6.00708 AU
morning rise	-1181 Feb 02 j 10:09	23°♑07'36	
	-1181 Mar 04 j 04:26	0°♒	
retrograde	-1181 Jun 14 j 08:15	13°♒28'16	
opposition	-1181 Aug 13 j 12:39	8°♒26'43	-1°36'25
min. Earth dist.	-1181 Aug 12 j 19:30	8°♒32'27	3.98583 AU
direct	-1181 Oct 10 j 19:31	3°♒33'10	
	-1180 Jan 08 j 16:51	15°♒	
evening set	-1180 Feb 12 j 18:28	23°♒02'48	
conjunction	-1180 Feb 26 j 01:41	26°♒13'56	-1°12'22
minimum elong	-1180 Feb 26 j 01:40	26°♒13'55	1°12'22
max. Earth dist.	-1180 Feb 27 j 14:39	26°♒36'06	5.98293 AU
morning rise	-1180 Mar 10 j 12:22	29°♒26'47	
	-1180 Mar 12 j 20:20	0°♓	
retrograde	-1180 Jul 20 j 15:55	19°♓54'06	
min. Earth dist.	-1180 Sep 17 j 04:57	14°♓59'55	4.00213 AU
opposition	-1180 Sep 18 j 11:37	14°♓49'30	-1°50'15
direct	-1180 Nov 15 j 09:24	9°♓53'51	
evening set	-1179 Mar 21 j 01:00	29°♓17'40	
	-1179 Mar 24 j 01:16	0°♈	
conjunction	-1179 Apr 03 j 15:45	2°♈29'39	-1°07'35
minimum elong	-1179 Apr 03 j 15:48	2°♈29'40	1°07'34
max. Earth dist.	-1179 Apr 05 j 19:07	2°♈59'52	6.03731 AU
morning rise	-1179 Apr 17 j 08:50	5°♈42'41	
retrograde	-1179 Aug 25 j 11:19	25°♈31'58	
opposition	-1179 Oct 23 j 23:41	20°♈26'55	-1°21'58
min. Earth dist.	-1179 Oct 22 j 16:41	20°♈37'29	4.08849 AU
direct	-1179 Dec 21 j 11:05	15°♈28'09	
	-1178 Apr 06 j 22:34	0°♉	
evening set	-1178 Apr 26 j 20:34	4°♉27'26	
conjunction	-1178 May 10 j 15:08	7°♉36'12	-0°38'03
minimum elong	-1178 May 10 j 15:11	7°♉36'13	0°38'02
max. Earth dist.	-1178 May 12 j 11:46	8°♉01'43	6.14813 AU
morning rise	-1178 May 24 j 10:22	10°♉45'02	
	-1178 Jun 12 j 12:04	15°♉	
retrograde	-1178 Sep 28 j 00:46	29°♉31'47	
opposition	-1178 Nov 26 j 13:49	24°♉28'58	-0°26'28
min. Earth dist.	-1178 Nov 25 j 15:08	24°♉36'39	4.21175 AU
direct	-1177 Jan 25 j 03:42	19°♉27'30	
	-1177 Apr 24 j 20:42	0°♊	
asc. node	-1177 May 15 j 03:14	4°♊11'34	
evening set	-1177 Jun 01 j 05:24	7°♊55'10	
conjunction	-1177 Jun 14 j 21:56	10°♊57'38	0°03'19
minimum elong	-1177 Jun 14 j 21:57	10°♊57'39	0°03'20
behind sun begin	-1177 Jun 14 j 13:41	10°♊53'04	
behind sun end	-1177 Jun 15 j 06:12	11°♊02'13	
max. Earth dist.	-1177 Jun 15 j 20:47	11°♊10'21	6.27476 AU
morning rise	-1177 Jun 28 j 13:07	13°♊59'12	
	-1177 Sep 26 j 06:56	0°♋	
retrograde	-1177 Oct 29 j 20:04	1°♋45'48	
	-1177 Dec 02 j 03:11	30°℞♊	
opposition	-1177 Dec 28 j 12:36	26°♊46'43	0°34'17
min. Earth dist.	-1177 Dec 28 j 06:13	26°♊48'50	4.33056 AU
direct	-1176 Feb 27 j 11:26	21°♊43'41	
	-1176 May 16 j 21:04	0°♋	
evening set	-1176 Jul 03 j 19:21	9°♋43'57	
conjunction	-1176 Jul 17 j 05:03	12°♋39'19	0°42'02
minimum elong	-1176 Jul 17 j 05:00	12°♋39'18	0°42'03
max. Earth dist.	-1176 Jul 17 j 01:37	12°♋37'27	6.37672 AU
morning rise	-1176 Jul 30 j 11:57	15°♋33'13	
	-1176 Oct 17 j 16:43	0°♌	
retrograde	-1176 Nov 28 j 10:00	2°♌38'56	
	-1175 Jan 09 j 08:42	30°℞♋	
opposition	-1175 Jan 27 j 11:47	27°♋43'34	1°22'28
min. Earth dist.	-1175 Jan 27 j 21:54	27°♋40'15	4.40927 AU
direct	-1175 Mar 30 j 12:42	22°♋40'15	
	-1175 Jun 13 j 13:45	0°♌	
evening set	-1175 Aug 04 j 19:38	10°♌24'23	
conjunction	-1175 Aug 17 j 20:41	13°♌14'13	1°07'51
minimum elong	-1175 Aug 17 j 20:39	13°♌14'12	1°07'51
max. Earth dist.	-1175 Aug 16 j 17:44	12°♌59'33	6.42540 AU
	-1175 Aug 25 j 23:09	15°♌	
morning rise	-1175 Aug 30 j 18:32	16°♌02'31	
	-1175 Nov 14 j 21:44	0°♍	
retrograde	-1175 Dec 28 j 21:20	2°♍53'39	
	-1174 Feb 11 j 10:08	30°℞♌	
opposition	-1174 Feb 27 j 08:10	28°♌00'59	1°47'09
min. Earth dist.	-1174 Feb 28 j 09:23	27°♌52'53	4.42618 AU
direct	-1174 May 01 j 00:27	22°♌58'40	
	-1174 Jul 13 j 08:51	0°♍	
evening set	-1174 Sep 04 j 19:51	10°♍40'27	
max. Earth dist.	-1174 Sep 15 j 18:13	13°♍04'06	6.40797 AU
conjunction	-1174 Sep 17 j 13:47	13°♍28'02	1°14'48
minimum elong	-1174 Sep 17 j 13:47	13°♍28'02	1°14'48
morning rise	-1174 Sep 30 j 05:14	16°♍14'27	
	-1174 Dec 12 j 17:44	0°♎	
retrograde	-1173 Jan 29 j 02:48	3°♎18'31	
	-1173 Mar 18 j 11:25	30°℞♍	
opposition	-1173 Mar 30 j 21:39	28°♍26'51	1°42'48
min. Earth dist.	-1173 Apr 01 j 07:03	28°♍16'12	4.37616 AU
direct	-1173 Jun 01 j 12:39	23°♍26'26	
	-1173 Aug 10 j 12:25	0°♎	
evening set	-1173 Oct 05 j 15:19	11°♎20'07	
max. Earth dist.	-1173 Oct 16 j 07:39	13°♎43'24	6.32871 AU
conjunction	-1173 Oct 18 j 05:56	14°♎09'23	1°00'57
minimum elong	-1173 Oct 18 j 05:59	14°♎09'24	1°00'56
morning rise	-1173 Oct 30 j 18:53	16°♎58'05	
	-1172 Jan 04 j 21:47	0°♏	
retrograde	-1172 Mar 01 j 21:12	4°♏40'26	
	-1172 Apr 30 j 07:48	30°℞♎	
opposition	-1172 May 01 j 21:03	29°♎48'09	1°08'46
min. Earth dist.	-1172 May 03 j 05:05	29°♎37'57	4.27189 AU
direct	-1172 Jul 02 j 17:53	24°♎50'24	
	-1172 Sep 01 j 02:54	0°♏	
evening set	-1172 Nov 05 j 03:36	13°♏08'20	

Attention, astronomical year style is used: The year -1172 in astronomical counting style is the year 1173 BCE in historical counting style.

	-1172 Nov 13 j 05:58	15°♏	
max. Earth dist.	-1172 Nov 16 j 04:09	15°♏40'30	6.20819 AU
conjunction	-1172 Nov 17 j 18:30	16°♏02'38	0°28'35
minimum elong	-1172 Nov 17 j 18:31	16°♏02'39	0°28'34
morning rise	-1172 Nov 30 j 09:35	18°♏57'15	
	-1171 Jan 21 j 11:47	0°♐	
retrograde	-1171 Apr 05 j 19:08	7°♐37'32	
opposition	-1171 Jun 05 j 17:03	2°♐42'57	0°11'10
min. Earth dist.	-1171 Jun 06 j 13:25	2°♐36'23	4.14252 AU
	-1171 Jun 28 j 02:19	30°℞♏	
direct	-1171 Aug 05 j 08:15	27°♏47'50	
desc. node	-1171 Aug 13 j 01:57	27°♏53'38	
	-1171 Sep 12 j 00:12	0°♐	
evening set	-1171 Dec 08 j 03:55	16°♐37'21	
conjunction	-1171 Dec 20 j 22:45	19°♐38'39	-0°14'25
minimum elong	-1171 Dec 20 j 22:44	19°♐38'38	0°14'25
behind sun begin	-1171 Dec 20 j 18:53	19°♐36'22	
behind sun end	-1171 Dec 21 j 02:36	19°♐40'54	
max. Earth dist.	-1171 Dec 20 j 07:17	19°♐29'29	6.08200 AU
morning rise	-1170 Jan 02 j 19:07	22°♐41'02	
	-1170 Feb 03 j 23:58	0°♑	
retrograde	-1170 May 12 j 16:07	12°♑24'19	
opposition	-1170 Jul 12 j 06:05	7°♑26'15	-0°53'45
min. Earth dist.	-1170 Jul 12 j 06:50	7°♑26'00	4.03039 AU
direct	-1170 Sep 09 j 10:56	2°♑32'50	
evening set	-1169 Jan 12 j 04:19	21°♑51'38	
conjunction	-1169 Jan 25 j 05:08	24°♑59'27	-0°53'45
minimum elong	-1169 Jan 25 j 05:05	24°♑59'25	0°53'46
max. Earth dist.	-1169 Jan 25 j 18:01	25°♑07'12	5.99400 AU
morning rise	-1169 Feb 07 j 09:04	28°♑08'58	
	-1169 Feb 15 j 04:06	0°♒	
	-1169 May 01 j 18:42	15°♒	
retrograde	-1169 Jun 19 j 11:59	18°♒35'43	
	-1169 Aug 07 j 17:54	15°℞♒	
opposition	-1169 Aug 18 j 15:21	13°♒33'38	-1°40'48
min. Earth dist.	-1169 Aug 17 j 19:33	13°♒40'17	3.97704 AU
direct	-1169 Oct 15 j 18:50	8°♒39'53	
	-1169 Dec 18 j 21:28	15°♒	
evening set	-1168 Feb 17 j 21:44	28°♒12'43	
	-1168 Feb 25 j 09:14	0°♓	
conjunction	-1168 Mar 02 j 06:21	1°♓24'36	-1°13'21
minimum elong	-1168 Mar 02 j 06:21	1°♓24'36	1°13'22
max. Earth dist.	-1168 Mar 03 j 23:29	1°♓49'16	5.97938 AU
morning rise	-1168 Mar 15 j 18:03	4°♓38'06	
retrograde	-1168 Jul 25 j 20:54	25°♓05'16	
min. Earth dist.	-1168 Sep 22 j 06:34	20°♓10'58	4.00426 AU
opposition	-1168 Sep 23 j 13:30	20°♓00'26	-1°48'35
direct	-1168 Nov 20 j 12:05	15°♓04'23	
	-1167 Mar 06 j 20:57	0°♈	
evening set	-1167 Mar 26 j 06:55	4°♈27'54	
conjunction	-1167 Apr 08 j 22:33	7°♈39'57	-1°04'36
minimum elong	-1167 Apr 08 j 22:36	7°♈39'59	1°04'35
max. Earth dist.	-1167 Apr 11 j 02:51	8°♈10'38	6.04485 AU
morning rise	-1167 Apr 22 j 16:31	10°♈52'59	
	-1167 Aug 11 j 05:32	0°♉	
retrograde	-1167 Aug 30 j 08:40	0°♉36'05	
	-1167 Sep 18 j 08:26	30°℞♈	
opposition	-1167 Oct 28 j 21:08	25°♈31'05	-1°15'09
min. Earth dist.	-1167 Oct 27 j 13:20	25°♈41'57	4.10053 AU
direct	-1167 Dec 26 j 10:15	20°♈31'52	
	-1166 Mar 18 j 23:23	0°♉	
evening set	-1166 May 02 j 00:09	9°♉27'53	
conjunction	-1166 May 15 j 18:49	12°♉36'00	-0°32'28
minimum elong	-1166 May 15 j 18:51	12°♉36'02	0°32'26
max. Earth dist.	-1166 May 17 j 13:21	13°♉00'15	6.16365 AU
	-1166 May 26 j 07:59	15°♉	
morning rise	-1166 May 29 j 13:52	15°♉44'03	
	-1166 Aug 09 j 17:55	0°♊	
retrograde	-1166 Oct 02 j 17:11	4°♊22'04	
	-1166 Nov 26 j 05:49	30°℞♉	
min. Earth dist.	-1166 Nov 30 j 09:23	29°♉26'28	4.22881 AU
opposition	-1166 Dec 01 j 05:45	29°♉19'35	-0°17'33
direct	-1165 Jan 30 j 01:02	24°♉17'43	
asc. node	-1165 Mar 23 j 14:18	28°♉21'39	
	-1165 Apr 03 j 07:58	0°♊	
evening set	-1165 Jun 06 j 03:16	12°♊40'55	
conjunction	-1165 Jun 19 j 19:09	15°♊42'22	0°09'19
minimum elong	-1165 Jun 19 j 19:09	15°♊42'21	0°09'20
behind sun begin	-1165 Jun 19 j 12:15	15°♊38'33	
behind sun end	-1165 Jun 20 j 02:03	15°♊46'10	
max. Earth dist.	-1165 Jun 20 j 15:55	15°♊53'52	6.29177 AU
morning rise	-1165 Jul 03 j 09:16	18°♊42'45	
	-1165 Aug 28 j 11:14	0°♋	
retrograde	-1165 Nov 03 j 04:27	6°♋21'38	
opposition	-1164 Jan 01 j 23:36	1°♋22'59	0°42'16
min. Earth dist.	-1164 Jan 01 j 18:29	1°♋24'41	4.34593 AU
	-1164 Jan 12 j 13:05	30°℞♊	
direct	-1164 Mar 03 j 01:52	26°♊19'46	
	-1164 Apr 22 j 20:55	0°♋	
evening set	-1164 Jul 08 j 10:50	14°♋16'20	
conjunction	-1164 Jul 21 j 19:13	17°♋10'41	0°46'41
minimum elong	-1164 Jul 21 j 19:10	17°♋10'39	0°46'42
max. Earth dist.	-1164 Jul 21 j 11:49	17°♋06'39	6.38894 AU
morning rise	-1164 Aug 04 j 00:49	20°♋03'32	
	-1164 Sep 22 j 10:59	0°♌	
retrograde	-1164 Dec 02 j 18:16	7°♌04'53	
opposition	-1163 Jan 31 j 20:46	2°♌09'56	1°27'35
min. Earth dist.	-1163 Feb 01 j 09:56	2°♌05'39	4.41742 AU
	-1163 Feb 18 j 01:29	30°℞♋	
direct	-1163 Apr 04 j 01:47	27°♋06'40	
	-1163 May 19 j 06:51	0°♌	
evening set	-1163 Aug 09 j 06:03	14°♌48'55	
	-1163 Aug 10 j 02:35	15°♌	
max. Earth dist.	-1163 Aug 20 j 23:32	17°♌21'36	6.42849 AU
conjunction	-1163 Aug 22 j 05:57	17°♌38'09	1°10'03
minimum elong	-1163 Aug 22 j 05:55	17°♌38'08	1°10'04
morning rise	-1163 Sep 04 j 02:43	20°♌25'53	
	-1163 Oct 21 j 14:02	0°♍	
retrograde	-1162 Jan 02 j 05:16	7°♍16'45	
opposition	-1162 Mar 03 j 17:44	2°♍24'15	1°48'20
min. Earth dist.	-1162 Mar 04 j 20:15	2°♍15'44	4.42423 AU
	-1162 Mar 23 j 07:16	30°℞♌	
direct	-1162 May 05 j 10:28	27°♌22'06	
	-1162 Jun 17 j 14:49	0°♍	
evening set	-1162 Sep 09 j 04:06	15°♍04'25	
max. Earth dist.	-1162 Sep 20 j 01:28	17°♍27'47	6.40105 AU
conjunction	-1162 Sep 21 j 21:24	17°♍51'58	1°14'05
minimum elong	-1162 Sep 21 j 21:25	17°♍51'59	1°14'05
morning rise	-1162 Oct 04 j 12:06	20°♍38'25	
	-1162 Nov 19 j 04:08	0°♎	
retrograde	-1161 Feb 02 j 14:47	7°♎46'10	
opposition	-1161 Apr 04 j 10:45	2°♎54'33	1°39'42
min. Earth dist.	-1161 Apr 05 j 20:59	2°♎43'40	4.36461 AU
	-1161 Apr 28 j 21:02	30°℞♍	
direct	-1161 Jun 06 j 00:16	27°♍54'31	

Attention, astronomical year style is used: The year -1161 in astronomical counting style is the year 1162 BCE in historical counting style.

	-1161 Jul 14 j 00:01	0°♎	
evening set	-1161 Oct 10 j 00:33	15°♎50'56	
max. Earth dist.	-1161 Oct 20 j 15:23	18°♎13'58	6.31333 AU
conjunction	-1161 Oct 22 j 14:53	18°♎40'44	0°57'21
minimum elong	-1161 Oct 22 j 14:55	18°♎40'45	0°57'22
morning rise	-1161 Nov 04 j 04:04	21°♎30'08	
	-1161 Dec 14 j 03:06	0°♏	
retrograde	-1160 Mar 06 j 16:50	9°♏19'53	
opposition	-1160 May 06 j 16:15	4°♏27'21	1°01'47
min. Earth dist.	-1160 May 07 j 23:30	4°♏17'23	4.25350 AU
	-1160 Jun 19 j 09:14	30°℞♎	
direct	-1160 Jul 07 j 09:43	29°♎29'57	
	-1160 Jul 25 j 10:07	0°♏	
	-1160 Oct 28 j 01:15	15°♏	
evening set	-1160 Nov 09 j 16:53	17°♏52'29	
max. Earth dist.	-1160 Nov 20 j 21:21	20°♏27'32	6.18854 AU
conjunction	-1160 Nov 22 j 08:21	20°♏47'49	0°22'52
minimum elong	-1160 Nov 22 j 08:22	20°♏47'50	0°22'50
morning rise	-1160 Dec 04 j 23:53	23°♏43'31	
	-1159 Jan 02 j 00:59	0°♐	
retrograde	-1159 Apr 10 j 21:57	12°♐33'22	
opposition	-1159 Jun 10 j 19:00	7°♐38'27	0°01'52
min. Earth dist.	-1159 Jun 11 j 13:12	7°♐32'35	4.12316 AU
desc. node	-1159 Jun 22 j 04:42	6°♐11'30	
direct	-1159 Aug 10 j 05:00	2°♐43'44	
evening set	-1159 Dec 13 j 00:25	21°♐38'31	
conjunction	-1159 Dec 25 j 19:51	24°♐40'53	-0°20'37
minimum elong	-1159 Dec 25 j 19:49	24°♐40'52	0°20'37
max. Earth dist.	-1159 Dec 25 j 07:03	24°♐33'17	6.06470 AU
morning rise	-1158 Jan 07 j 17:20	27°♐44'30	
	-1158 Jan 17 j 08:24	0°♑	
retrograde	-1158 May 18 j 00:33	17°♑36'29	
opposition	-1158 Jul 17 j 13:05	12°♑37'52	-1°02'10
min. Earth dist.	-1158 Jul 17 j 10:06	12°♑38'51	4.01710 AU
direct	-1158 Sep 14 j 12:55	7°♑44'35	
evening set	-1157 Jan 17 j 07:51	27°♑07'14	
	-1157 Jan 29 j 07:29	0°♒	
conjunction	-1157 Jan 30 j 09:54	0°♒15'55	-0°58'05
minimum elong	-1157 Jan 30 j 09:52	0°♒15'53	0°58'05
max. Earth dist.	-1157 Jan 31 j 04:55	0°♒27'22	5.98618 AU
morning rise	-1157 Feb 12 j 14:49	3°♒26'16	
	-1157 Apr 05 j 16:02	15°♒	
retrograde	-1157 Jun 24 j 22:40	23°♒56'22	
opposition	-1157 Aug 23 j 23:27	18°♒53'50	-1°44'36
min. Earth dist.	-1157 Aug 23 j 01:48	19°♒01'06	3.97602 AU
	-1157 Sep 26 j 17:34	15°℞♒	
direct	-1157 Oct 21 j 01:08	13°♒59'57	
	-1157 Nov 14 j 07:18	15°♒	
	-1156 Feb 08 j 03:50	0°♓	
evening set	-1156 Feb 23 j 05:30	3°♓32'43	
conjunction	-1156 Mar 07 j 15:07	6°♓44'48	-1°13'51
minimum elong	-1156 Mar 07 j 15:07	6°♓44'48	1°13'52
max. Earth dist.	-1156 Mar 09 j 11:06	7°♓11'07	5.98510 AU
morning rise	-1156 Mar 21 j 03:59	9°♓58'30	
	-1156 Jul 16 j 08:52	0°♈	
retrograde	-1156 Jul 31 j 00:36	0°♈21'11	
	-1156 Aug 14 j 14:09	30°℞♓	
min. Earth dist.	-1156 Sep 27 j 08:00	25°♓27'22	4.01635 AU
opposition	-1156 Sep 28 j 16:57	25°♓16'09	-1°46'03
direct	-1156 Nov 25 j 15:51	20°♓19'42	
	-1155 Feb 15 j 20:04	0°♈	
evening set	-1155 Mar 31 j 13:36	9°♈39'14	
conjunction	-1155 Apr 14 j 05:52	12°♈50'48	-1°01'10
minimum elong	-1155 Apr 14 j 05:56	12°♈50'50	1°01'10
max. Earth dist.	-1155 Apr 16 j 09:39	13°♈21'03	6.06209 AU
morning rise	-1155 Apr 28 j 00:16	16°♈03'12	
	-1155 Jul 04 j 12:25	0°♉	
retrograde	-1155 Sep 04 j 04:47	5°♉36'36	
min. Earth dist.	-1155 Nov 01 j 11:00	0°♉42'03	4.12075 AU
opposition	-1155 Nov 02 j 17:04	0°♉31'47	-1°07'55
	-1155 Nov 06 j 14:21	30°℞♈	
direct	-1155 Dec 31 j 10:55	25°♈32'07	
	-1154 Feb 23 j 16:52	0°♉	
evening set	-1154 May 07 j 01:07	14°♉22'17	
	-1154 May 09 j 19:58	15°♉	
conjunction	-1154 May 20 j 19:49	17°♉29'27	-0°26'49
minimum elong	-1154 May 20 j 19:51	17°♉29'28	0°26'48
max. Earth dist.	-1154 May 22 j 13:04	17°♉52'50	6.18521 AU
morning rise	-1154 Jun 03 j 14:22	20°♉36'20	
	-1154 Jul 17 j 21:43	0°♊	
retrograde	-1154 Oct 07 j 04:00	9°♊04'07	
opposition	-1154 Dec 05 j 18:19	4°♊02'08	-0°08'50
min. Earth dist.	-1154 Dec 04 j 23:19	4°♊08'33	4.24959 AU
	-1153 Jan 09 j 19:51	30°℞♉	
asc. node	-1153 Jan 31 j 11:23	29°♉01'04	
direct	-1153 Feb 03 j 17:26	29°♉00'03	
	-1153 Mar 01 j 00:02	0°♊	
evening set	-1153 Jun 10 j 21:07	17°♊17'58	
conjunction	-1153 Jun 24 j 12:00	20°♊18'15	0°15'03
minimum elong	-1153 Jun 24 j 11:58	20°♊18'15	0°15'04
behind sun begin	-1153 Jun 24 j 09:28	20°♊16'52	
behind sun end	-1153 Jun 24 j 14:29	20°♊19'38	
max. Earth dist.	-1153 Jun 25 j 03:14	20°♊26'40	6.31006 AU
morning rise	-1153 Jul 08 j 01:10	23°♊17'27	
	-1153 Aug 08 j 18:22	0°♋	
retrograde	-1153 Nov 07 j 11:54	10°♋49'08	
opposition	-1152 Jan 06 j 07:35	5°♋51'02	0°49'44
min. Earth dist.	-1152 Jan 06 j 06:10	5°♋51'30	4.36037 AU
direct	-1152 Mar 07 j 15:14	0°♋47'42	
evening set	-1152 Jul 12 j 22:29	18°♋41'09	
conjunction	-1152 Jul 26 j 05:50	21°♋34'40	0°50'56
minimum elong	-1152 Jul 26 j 05:47	21°♋34'38	0°50'56
max. Earth dist.	-1152 Jul 25 j 19:14	21°♋28'54	6.39834 AU
morning rise	-1152 Aug 08 j 10:03	24°♋26'36	
	-1152 Sep 03 j 19:47	0°♌	
retrograde	-1152 Dec 06 j 22:14	11°♌25'00	
opposition	-1151 Feb 05 j 03:06	6°♌30'28	1°32'05
min. Earth dist.	-1151 Feb 05 j 17:57	6°♌25'38	4.42149 AU
direct	-1151 Apr 08 j 09:46	1°♌27'16	
	-1151 Jul 24 j 23:52	15°♌	
evening set	-1151 Aug 13 j 14:11	19°♌09'09	
max. Earth dist.	-1151 Aug 25 j 03:20	21°♌39'40	6.42680 AU
conjunction	-1151 Aug 26 j 12:58	21°♌58'00	1°11'50
minimum elong	-1151 Aug 26 j 12:56	21°♌57'59	1°11'50
morning rise	-1151 Sep 08 j 08:45	24°♌45'24	
	-1151 Oct 03 j 04:49	0°♍	
retrograde	-1150 Jan 06 j 13:38	11°♍37'45	
opposition	-1150 Mar 08 j 02:27	6°♍45'31	1°48'56
min. Earth dist.	-1150 Mar 09 j 07:34	6°♍36'12	4.41699 AU
direct	-1150 May 09 j 20:28	1°♍43'36	
evening set	-1150 Sep 13 j 11:27	19°♍28'03	
max. Earth dist.	-1150 Sep 24 j 06:00	21°♍50'21	6.38866 AU
conjunction	-1150 Sep 26 j 04:11	22°♍15'51	1°12'57
minimum elong	-1150 Sep 26 j 04:12	22°♍15'51	1°12'56

Attention, astronomical year style is used: The year -1150 in astronomical counting style is the year 1151 BCE in historical counting style.

morning rise	-1150 Oct 08 j 18:33	25°♍02'38		
	-1150 Oct 31 j 20:33	0°♎		
retrograde	-1149 Feb 07 j 03:53	12°♎16'03		
opposition	-1149 Apr 09 j 00:44	7°♎24'21	1°36'02	
min. Earth dist.	-1149 Apr 10 j 10:42	7°♎13'32	4.34792 AU	
direct	-1149 Jun 10 j 11:31	2°♎24'38		
evening set	-1149 Oct 14 j 10:38	20°♎25'21		
max. Earth dist.	-1149 Oct 25 j 03:51	22°♎50'20	6.29385 AU	
conjunction	-1149 Oct 27 j 01:04	23°♎15'56	0°53'23	
minimum elong	-1149 Oct 27 j 01:06	23°♎15'57	0°53'23	
morning rise	-1149 Nov 08 j 14:16	26°♎06'10		
	-1149 Nov 26 j 04:21	0°♏		
retrograde	-1148 Mar 11 j 14:15	14°♏04'37		
opposition	-1148 May 11 j 13:25	9°♏11'53	0°54'17	
min. Earth dist.	-1148 May 12 j 19:42	9°♏02'14	4.23249 AU	
direct	-1148 Jul 12 j 03:13	4°♏14'56		
	-1148 Oct 10 j 09:46	15°♏		
evening set	-1148 Nov 14 j 08:38	22°♏42'45		
max. Earth dist.	-1148 Nov 25 j 15:09	25°♏19'46	6.16790 AU	
conjunction	-1148 Nov 27 j 00:25	25°♏39'07	0°16'54	
minimum elong	-1148 Nov 27 j 00:26	25°♏39'08	0°16'53	
morning rise	-1148 Dec 09 j 16:50	28°♏36'02		
	-1148 Dec 15 j 18:32	0°♐		
retrograde	-1147 Apr 16 j 02:43	17°♐35'37		
desc. node	-1147 Apr 30 j 20:35	17°♐15'10		
opposition	-1147 Jun 15 j 23:15	12°♐40'10	-0°07'37	
min. Earth dist.	-1147 Jun 16 j 13:43	12°♐35'30	4.10463 AU	
direct	-1147 Aug 15 j 03:49	7°♐45'44		
evening set	-1147 Dec 17 j 22:57	26°♐45'10		
conjunction	-1147 Dec 30 j 19:20	29°♐48'32	-0°26'45	
minimum elong	-1147 Dec 30 j 19:18	29°♐48'31	0°26'46	
max. Earth dist.	-1147 Dec 30 j 12:45	29°♐44'37	6.05010 AU	
	-1147 Dec 31 j 14:34	0°♑		
morning rise	-1146 Jan 12 j 17:39	2°♑53'11		
retrograde	-1146 May 23 j 11:13	22°♑52'18		
opposition	-1146 Jul 22 j 21:32	17°♑53'04	-1°10'10	
min. Earth dist.	-1146 Jul 22 j 16:03	17°♑54'52	4.00799 AU	
direct	-1146 Sep 19 j 18:04	12°♑59'49		
	-1145 Jan 12 j 09:23	0°♒		
evening set	-1145 Jan 22 j 12:36	2°♒24'24		
conjunction	-1145 Feb 04 j 15:31	5°♒33'37	-1°01'57	
minimum elong	-1145 Feb 04 j 15:28	5°♒33'36	1°01'58	
max. Earth dist.	-1145 Feb 05 j 14:13	5°♒47'18	5.98306 AU	
morning rise	-1145 Feb 17 j 21:38	8°♒44'35		
	-1145 Mar 16 j 19:30	15°♒		
retrograde	-1145 Jun 30 j 05:45	29°♒15'24		
min. Earth dist.	-1145 Aug 28 j 05:29	24°♒20'45	3.97951 AU	
opposition	-1145 Aug 29 j 06:23	24°♒12'23	-1°47'29	
direct	-1145 Oct 26 j 06:01	19°♒18'13		
	-1144 Jan 20 j 15:57	0°♓		
evening set	-1144 Feb 28 j 12:41	8°♓49'22		
conjunction	-1144 Mar 12 j 23:17	12°♓01'28	-1°13'45	
minimum elong	-1144 Mar 12 j 23:17	12°♓01'28	1°13'45	
max. Earth dist.	-1144 Mar 14 j 21:08	12°♓28'48	5.99454 AU	
morning rise	-1144 Mar 26 j 13:00	15°♓15'04		
	-1144 Jun 04 j 22:29	0°♈		
retrograde	-1144 Aug 05 j 02:28	5°♈31'45		
min. Earth dist.	-1144 Oct 02 j 09:37	0°♈37'40	4.03054 AU	
opposition	-1144 Oct 03 j 18:14	0°♈26'32	-1°42'43	
	-1144 Oct 07 j 00:07	30°℞♓		
direct	-1144 Nov 30 j 19:52	25°♓29'37		
	-1143 Jan 23 j 11:15	0°♈		
evening set	-1143 Apr 05 j 18:22	14°♈44'44		
conjunction	-1143 Apr 19 j 11:23	17°♈55'48	-0°57'20	
minimum elong	-1143 Apr 19 j 11:26	17°♈55'50	0°57'20	
max. Earth dist.	-1143 Apr 21 j 15:40	18°♈26'13	6.07982 AU	
morning rise	-1143 May 03 j 06:01	21°♈07'31		
	-1143 Jun 12 j 16:50	0°♉		
retrograde	-1143 Sep 08 j 22:30	10°♉31'14		
min. Earth dist.	-1143 Nov 06 j 05:41	5°♉36'42	4.14014 AU	
opposition	-1143 Nov 07 j 10:56	5°♉26'45	-1°00'21	
direct	-1142 Jan 05 j 07:45	0°♉26'44		
	-1142 Apr 23 j 01:04	15°♉		
evening set	-1142 May 12 j 00:39	19°♉11'43		
conjunction	-1142 May 25 j 18:57	22°♉17'55	-0°21'03	
minimum elong	-1142 May 25 j 18:59	22°♉17'56	0°21'03	
max. Earth dist.	-1142 May 27 j 07:24	22°♉38'30	6.20467 AU	
morning rise	-1142 Jun 08 j 13:10	25°♉23'46		
	-1142 Jun 29 j 12:33	0°♊		
retrograde	-1142 Oct 11 j 14:51	13°♊42'32		
opposition	-1142 Dec 10 j 05:54	8°♊41'04	-0°00'10	
min. Earth dist.	-1142 Dec 09 j 13:48	8°♊46'30	4.26745 AU	
asc. node	-1142 Dec 11 j 08:41	8°♊32'03		
direct	-1141 Feb 08 j 10:23	3°♊38'42		
evening set	-1141 Jun 15 j 14:20	21°♊52'37		
conjunction	-1141 Jun 29 j 04:29	24°♊51'56	0°20'41	
minimum elong	-1141 Jun 29 j 04:28	24°♊51'55	0°20'42	
max. Earth dist.	-1141 Jun 29 j 16:58	24°♊58'48	6.32511 AU	
morning rise	-1141 Jul 12 j 16:22	27°♊50'01		
	-1141 Jul 22 j 16:00	0°♋		
retrograde	-1141 Nov 11 j 18:09	15°♋15'43		
opposition	-1140 Jan 10 j 15:25	10°♋18'13	0°56'55	
min. Earth dist.	-1140 Jan 10 j 15:55	10°♋18'02	4.37170 AU	
direct	-1140 Mar 12 j 02:16	5°♋14'53		
evening set	-1140 Jul 17 j 10:39	23°♋06'19		
conjunction	-1140 Jul 30 j 16:38	25°♋59'03	0°54'54	
minimum elong	-1140 Jul 30 j 16:36	25°♋59'01	0°54'55	
max. Earth dist.	-1140 Jul 30 j 00:48	25°♋50'25	6.40495 AU	
morning rise	-1140 Aug 12 j 19:47	28°♋50'15		
	-1140 Aug 18 j 05:15	0°♌		
	-1140 Nov 18 j 23:58	15°♌		
retrograde	-1140 Dec 11 j 05:53	15°♌46'43		
	-1139 Jan 02 j 09:40	15°℞♌		
opposition	-1139 Feb 09 j 10:51	10°♌52'38	1°36'07	
min. Earth dist.	-1139 Feb 10 j 04:58	10°♌46'45	4.42323 AU	
direct	-1139 Apr 12 j 20:47	5°♌49'33		
	-1139 Jul 07 j 05:39	15°♌		
evening set	-1139 Aug 17 j 23:06	23°♌31'40		
max. Earth dist.	-1139 Aug 29 j 09:30	26°♌00'53	6.42338 AU	
conjunction	-1139 Aug 30 j 21:01	26°♌20'16	1°13'13	
minimum elong	-1139 Aug 30 j 21:00	26°♌20'15	1°13'14	
morning rise	-1139 Sep 12 j 15:46	29°♌07'25		
	-1139 Sep 16 j 16:58	0°♍		
retrograde	-1138 Jan 10 j 21:48	16°♍01'52		
opposition	-1138 Mar 12 j 12:43	11°♍09'51	1°48'56	
min. Earth dist.	-1138 Mar 13 j 18:11	11°♍00'25	4.40894 AU	
direct	-1138 May 14 j 05:31	6°♍08'15		
evening set	-1138 Sep 17 j 20:18	23°♍55'02		
max. Earth dist.	-1138 Sep 28 j 14:06	26°♍17'25	6.37662 AU	
conjunction	-1138 Sep 30 j 12:26	26°♍43'05	1°11'23	
minimum elong	-1138 Sep 30 j 12:27	26°♍43'06	1°11'23	
morning rise	-1138 Oct 13 j 02:24	29°♍30'13		
	-1138 Oct 15 j 08:33	0°♎		

Attention, astronomical year style is used: The year -1137 in astronomical counting style is the year 1138 BCE in historical counting style.

retrograde	-1137 Feb 11 j 19:39	16°♎49'11	
opposition	-1137 Apr 13 j 16:18	11°♎57'33	1°31'45
min. Earth dist.	-1137 Apr 15 j 03:00	11°♎46'31	4.33270 AU
direct	-1137 Jun 15 j 01:56	6°♎58'17	
evening set	-1137 Oct 18 j 21:48	25°♎02'42	
max. Earth dist.	-1137 Oct 29 j 15:25	27°♎28'33	6.27682 AU
conjunction	-1137 Oct 31 j 12:12	27°♎53'59	0°49'04
minimum elong	-1137 Oct 31 j 12:14	27°♎54'01	0°49'03
	-1137 Nov 09 j 18:06	0°♏	
morning rise	-1137 Nov 13 j 01:44	0°♏45'04	
	-1136 Jan 25 j 03:33	15°♏	
retrograde	-1136 Mar 16 j 11:30	18°♏51'29	
	-1136 May 08 j 09:19	15°℞♏	
opposition	-1136 May 16 j 11:24	13°♏58'28	0°46'22
min. Earth dist.	-1136 May 17 j 14:51	13°♏49'42	4.21496 AU
direct	-1136 Jul 16 j 20:17	9°♏01'56	
	-1136 Sep 19 j 13:39	15°♏	
evening set	-1136 Nov 19 j 00:21	27°♏33'49	
	-1136 Nov 29 j 11:28	0°♐	
conjunction	-1136 Dec 01 j 16:39	0°♐31'05	0°10'52
minimum elong	-1136 Dec 01 j 16:40	0°♐31'05	0°10'51
behind sun begin	-1136 Dec 01 j 10:31	0°♐27'31	
behind sun end	-1136 Dec 01 j 22:49	0°♐34'40	
max. Earth dist.	-1136 Nov 30 j 12:10	0°♐14'27	6.15162 AU
morning rise	-1136 Dec 14 j 09:35	3°♐28'57	
desc. node	-1135 Mar 10 j 07:54	19°♐57'45	
retrograde	-1135 Apr 21 j 08:18	22°♐36'43	
opposition	-1135 Jun 21 j 02:49	17°♐40'49	-0°16'57
min. Earth dist.	-1135 Jun 21 j 15:13	17°♐36'48	4.09094 AU
direct	-1135 Aug 20 j 03:31	12°♐46'41	
	-1135 Dec 15 j 03:18	0°♑	
evening set	-1135 Dec 22 j 20:32	1°♑49'09	
conjunction	-1134 Jan 04 j 17:34	4°♑53'16	-0°32'34
minimum elong	-1134 Jan 04 j 17:31	4°♑53'14	0°32'35
max. Earth dist.	-1134 Jan 04 j 14:20	4°♑51'21	6.04017 AU
morning rise	-1134 Jan 17 j 16:56	7°♑58'46	
retrograde	-1134 May 28 j 16:16	28°♑02'57	
opposition	-1134 Jul 28 j 02:54	23°♑03'09	-1°17'23
min. Earth dist.	-1134 Jul 27 j 17:31	23°♑06'15	4.00312 AU
direct	-1134 Sep 24 j 19:02	18°♑09'55	
	-1134 Dec 25 j 17:06	0°♒	
evening set	-1133 Jan 27 j 14:44	7°♒35'15	
conjunction	-1133 Feb 09 j 18:37	10°♒44'51	-1°05'13
minimum elong	-1133 Feb 09 j 18:35	10°♒44'50	1°05'14
max. Earth dist.	-1133 Feb 10 j 21:14	11°♒00'52	5.98345 AU
morning rise	-1133 Feb 23 j 01:41	13°♒56'12	
	-1133 Feb 27 j 13:01	15°♒	
	-1133 May 11 j 22:55	0°♓	
retrograde	-1133 Jul 05 j 10:31	4°♓26'27	
	-1133 Aug 29 j 19:32	30°℞♒	
min. Earth dist.	-1133 Sep 02 j 07:41	29°♒31'41	3.98516 AU
opposition	-1133 Sep 03 j 09:31	29°♒22'58	-1°49'23
direct	-1133 Oct 31 j 09:36	24°♒28'26	
	-1133 Dec 29 j 21:13	0°♓	
evening set	-1132 Mar 04 j 16:03	13°♓57'26	
conjunction	-1132 Mar 18 j 03:42	17°♓09'30	-1°13'04
minimum elong	-1132 Mar 18 j 03:43	17°♓09'31	1°13'04
max. Earth dist.	-1132 Mar 20 j 04:13	17°♓38'19	6.00479 AU
morning rise	-1132 Mar 31 j 18:14	20°♓22'58	
	-1132 May 13 j 19:52	0°♈	
retrograde	-1132 Aug 10 j 00:32	10°♈33'22	
min. Earth dist.	-1132 Oct 07 j 06:50	5°♈39'16	4.04432 AU
opposition	-1132 Oct 08 j 15:29	5°♈28'08	-1°38'43
direct	-1132 Dec 05 j 18:05	0°♈30'48	
evening set	-1131 Apr 10 j 19:43	19°♈41'57	
conjunction	-1131 Apr 24 j 13:04	22°♈52'30	-0°53'13
minimum elong	-1131 Apr 24 j 13:07	22°♈52'31	0°53'12
max. Earth dist.	-1131 Apr 26 j 14:14	23°♈20'59	6.09578 AU
morning rise	-1131 May 08 j 08:09	26°♈03'37	
	-1131 May 25 j 18:15	0°♉	
	-1131 Aug 30 j 19:57	15°♉	
retrograde	-1131 Sep 13 j 12:22	15°♉18'40	
	-1131 Sep 27 j 03:54	15°℞♉	
min. Earth dist.	-1131 Nov 10 j 22:00	10°♉23'52	4.15660 AU
opposition	-1131 Nov 12 j 01:31	10°♉14'29	-0°52'37
direct	-1130 Jan 10 j 02:39	5°♉14'02	
	-1130 Apr 04 j 23:49	15°♉	
evening set	-1130 May 16 j 21:14	23°♉55'04	
conjunction	-1130 May 30 j 15:30	27°♉00'32	-0°15'20
minimum elong	-1130 May 30 j 15:31	27°♉00'33	0°15'19
behind sun begin	-1130 May 30 j 13:32	26°♉59'26	
behind sun end	-1130 May 30 j 17:30	27°♉01'39	
max. Earth dist.	-1130 Jun 01 j 01:37	27°♉19'44	6.22063 AU
	-1130 Jun 12 j 23:18	0°♊	
morning rise	-1130 Jun 13 j 09:02	0°♊05'26	
retrograde	-1130 Oct 16 j 00:53	18°♊16'37	
asc. node	-1130 Oct 22 j 05:47	18°♊12'48	
opposition	-1130 Dec 14 j 15:44	13°♊15'44	0°08'16
min. Earth dist.	-1130 Dec 14 j 01:53	13°♊20'23	4.28153 AU
direct	-1129 Feb 13 j 00:18	8°♊13'11	
evening set	-1129 Jun 20 j 05:56	26°♊24'13	
conjunction	-1129 Jul 03 j 19:02	29°♊22'41	0°26'04
minimum elong	-1129 Jul 03 j 19:01	29°♊22'40	0°26'05
max. Earth dist.	-1129 Jul 04 j 02:20	29°♊26'42	6.33627 AU
	-1129 Jul 06 j 14:52	0°♋	
morning rise	-1129 Jul 17 j 06:02	2°♋19'54	
retrograde	-1129 Nov 16 j 01:21	19°♋41'03	
opposition	-1128 Jan 14 j 23:06	14°♋44'03	1°03'39
min. Earth dist.	-1128 Jan 15 j 02:24	14°♋42'57	4.37947 AU
direct	-1128 Mar 16 j 13:45	9°♋40'38	
evening set	-1128 Jul 21 j 22:01	27°♋30'53	
	-1128 Aug 02 j 08:48	0°♌	
max. Earth dist.	-1128 Aug 03 j 09:34	0°♌13'29	6.40884 AU
conjunction	-1128 Aug 04 j 03:02	0°♌23'00	0°58'31
minimum elong	-1128 Aug 04 j 02:59	0°♌22'58	0°58'32
morning rise	-1128 Aug 17 j 04:47	3°♌13'32	
	-1128 Oct 16 j 18:03	15°♌	
retrograde	-1128 Dec 15 j 11:57	20°♌08'48	
opposition	-1127 Feb 13 j 18:48	15°♌15'05	1°39'34
min. Earth dist.	-1127 Feb 14 j 13:58	15°♌08'53	4.42330 AU
	-1127 Feb 15 j 17:28	15°℞♌	
direct	-1127 Apr 17 j 05:45	10°♌12'11	
	-1127 Jun 15 j 16:46	15°♌	
evening set	-1127 Aug 22 j 08:08	27°♌54'36	
	-1127 Aug 31 j 22:24	0°♍	
max. Earth dist.	-1127 Sep 02 j 14:43	0°♍22'02	6.41951 AU
conjunction	-1127 Sep 04 j 04:56	0°♍42'56	1°14'11
minimum elong	-1127 Sep 04 j 04:55	0°♍42'55	1°14'10
morning rise	-1127 Sep 16 j 22:57	3°♍29'54	
retrograde	-1126 Jan 15 j 08:45	20°♍26'25	
opposition	-1126 Mar 16 j 23:44	15°♍34'31	1°48'17
min. Earth dist.	-1126 Mar 18 j 06:58	15°♍24'33	4.40141 AU
direct	-1126 May 18 j 17:32	10°♍33'10	
evening set	-1126 Sep 22 j 04:32	28°♍21'31	

Attention, astronomical year style is used: The year -1126 in astronomical counting style is the year 1127 BCE in historical counting style.

	-1126 Sep 29 j 14:36	0°♎	
max. Earth dist.	-1126 Oct 02 j 22:07	0°♎44'09	6.36589 AU
conjunction	-1126 Oct 04 j 20:19	1°♎09'49	1°09'23
minimum elong	-1126 Oct 04 j 20:20	1°♎09'50	1°09'23
morning rise	-1126 Oct 17 j 09:54	3°♎57'14	
retrograde	-1125 Feb 16 j 09:09	21°♎21'15	
opposition	-1125 Apr 18 j 07:49	16°♎29'27	1°26'52
min. Earth dist.	-1125 Apr 19 j 17:01	16°♎18'53	4.31927 AU
direct	-1125 Jun 19 j 13:57	11°♎30'31	
evening set	-1125 Oct 23 j 08:08	29°♎37'43	
	-1125 Oct 24 j 23:33	0°♏	
max. Earth dist.	-1125 Nov 03 j 03:46	2°♏05'14	6.26170 AU
conjunction	-1125 Nov 04 j 22:31	2°♏29'36	0°44'27
minimum elong	-1125 Nov 04 j 22:33	2°♏29'38	0°44'26
morning rise	-1125 Nov 17 j 12:14	5°♏21'24	
	-1124 Jan 01 j 19:45	15°♏	
retrograde	-1124 Mar 21 j 09:49	23°♏35'11	
opposition	-1124 May 21 j 08:34	18°♏41'51	0°38'11
min. Earth dist.	-1124 May 22 j 11:20	18°♏33'17	4.19876 AU
	-1124 Jun 23 j 02:41	15℞♏	
direct	-1124 Jul 21 j 14:28	13°♏45'39	
	-1124 Aug 18 j 20:55	15°♏	
	-1124 Nov 13 j 10:04	0°♐	
evening set	-1124 Nov 23 j 15:06	2°♐21'12	
max. Earth dist.	-1124 Dec 05 j 05:26	5°♐03'51	6.13573 AU
conjunction	-1124 Dec 06 j 07:52	5°♐19'20	0°04'48
minimum elong	-1124 Dec 06 j 07:52	5°♐19'20	0°04'46
behind sun begin	-1124 Dec 06 j 00:03	5°♐14'47	
behind sun end	-1124 Dec 06 j 15:42	5°♐23'54	
morning rise	-1124 Dec 19 j 01:35	8°♐18'13	
desc. node	-1123 Jan 18 j 05:39	15°♐06'23	
retrograde	-1123 Apr 26 j 10:01	27°♐34'05	
opposition	-1123 Jun 26 j 04:52	22°♐37'41	-0°26'09
min. Earth dist.	-1123 Jun 26 j 13:43	22°♐34'48	4.07672 AU
direct	-1123 Aug 24 j 23:50	17°♐43'47	
	-1123 Nov 28 j 00:01	0°♑	
evening set	-1123 Dec 27 j 17:18	6°♑49'52	
conjunction	-1122 Jan 09 j 15:09	9°♑54'50	-0°38'09
minimum elong	-1122 Jan 09 j 15:07	9°♑54'48	0°38'09
max. Earth dist.	-1122 Jan 09 j 16:03	9°♑55'22	6.02881 AU
morning rise	-1122 Jan 22 j 15:27	13°♑01'15	
	-1122 Apr 18 j 00:57	0°♒	
retrograde	-1122 Jun 02 j 23:09	3°♒11'24	
	-1122 Jul 19 j 07:04	30℞♑	
opposition	-1122 Aug 02 j 07:43	28°♑11'03	-1°24'03
min. Earth dist.	-1122 Aug 01 j 20:29	28°♑14'46	3.99580 AU
direct	-1122 Sep 29 j 21:44	23°♑17'44	
	-1122 Dec 05 j 05:28	0°♒	
evening set	-1121 Feb 01 j 17:03	12°♒45'04	
	-1121 Feb 11 j 02:05	15°♒	
conjunction	-1121 Feb 14 j 22:03	15°♒55'17	-1°07'59
minimum elong	-1121 Feb 14 j 22:01	15°♒55'16	1°08'00
max. Earth dist.	-1121 Feb 16 j 04:50	16°♒13'47	5.98073 AU
morning rise	-1121 Feb 28 j 06:11	19°♒07'12	
	-1121 Apr 17 j 22:50	0°♓	
retrograde	-1121 Jul 10 j 15:44	9°♓37'58	
min. Earth dist.	-1121 Sep 07 j 09:25	4°♓43'24	3.98763 AU
opposition	-1121 Sep 08 j 12:47	4°♓34'09	-1°50'30
	-1121 Oct 22 j 08:37	30℞♒	
direct	-1121 Nov 05 j 11:10	29°♒39'21	
	-1121 Nov 19 j 14:37	0°♓	
evening set	-1120 Mar 09 j 21:14	19°♓07'46	
conjunction	-1120 Mar 23 j 09:45	22°♓19'56	-1°11'49
minimum elong	-1120 Mar 23 j 09:46	22°♓19'57	1°11'50
max. Earth dist.	-1120 Mar 25 j 10:01	22°♓48'33	6.01191 AU
morning rise	-1120 Apr 06 j 01:19	25°♓33'29	
	-1120 Apr 25 j 06:41	0°♈	
retrograde	-1120 Aug 14 j 22:59	15°♈38'43	
min. Earth dist.	-1120 Oct 12 j 05:14	10°♈44'40	4.05522 AU
opposition	-1120 Oct 13 j 14:01	10°♈33'28	-1°33'58
direct	-1120 Dec 10 j 18:29	5°♈35'41	
evening set	-1119 Apr 15 j 23:18	24°♈44'07	
conjunction	-1119 Apr 29 j 17:20	27°♈54'19	-0°48'37
minimum elong	-1119 Apr 29 j 17:23	27°♈54'21	0°48'37
max. Earth dist.	-1119 May 01 j 18:16	28°♈22'34	6.10970 AU
	-1119 May 08 j 19:20	0°♉	
morning rise	-1119 May 13 j 12:29	1°♉04'53	
	-1119 Jul 21 j 00:57	15°♉	
retrograde	-1119 Sep 18 j 07:00	20°♉11'59	
opposition	-1119 Nov 16 j 18:38	15°♉08'14	-0°44'22
min. Earth dist.	-1119 Nov 15 j 16:54	15°♉16'59	4.17198 AU
	-1119 Nov 17 j 18:52	15℞♉	
direct	-1118 Jan 14 j 23:52	10°♉07'31	
	-1118 Mar 13 j 10:22	15°♉	
evening set	-1118 May 21 j 20:38	28°♉44'56	
	-1118 May 27 j 10:58	0°♊	
conjunction	-1118 Jun 04 j 14:26	1°♊49'34	-0°09'21
minimum elong	-1118 Jun 04 j 14:27	1°♊49'35	0°09'19
behind sun begin	-1118 Jun 04 j 07:30	1°♊45'42	
behind sun end	-1118 Jun 04 j 21:23	1°♊53'27	
max. Earth dist.	-1118 Jun 05 j 21:10	2°♊06'48	6.23639 AU
morning rise	-1118 Jun 18 j 07:28	4°♊53'34	
asc. node	-1118 Aug 31 j 08:37	19°♊09'23	
retrograde	-1118 Oct 20 j 12:03	22°♊57'14	
opposition	-1118 Dec 19 j 04:03	17°♊56'55	0°16'53
min. Earth dist.	-1118 Dec 18 j 15:43	18°♊01'03	4.29668 AU
direct	-1117 Feb 17 j 16:26	12°♊54'13	
	-1117 Jun 20 j 05:44	0°♋	
evening set	-1117 Jun 24 j 23:51	1°♋01'57	
conjunction	-1117 Jul 08 j 11:59	3°♋59'26	0°31'27
minimum elong	-1117 Jul 08 j 11:57	3°♋59'25	0°31'28
max. Earth dist.	-1117 Jul 08 j 17:07	4°♋02'15	6.35009 AU
morning rise	-1117 Jul 21 j 21:36	6°♋55'33	
retrograde	-1117 Nov 20 j 10:04	24°♋11'11	
opposition	-1116 Jan 19 j 08:31	19°♋14'46	1°10'07
min. Earth dist.	-1116 Jan 19 j 13:42	19°♋13'04	4.39130 AU
direct	-1116 Mar 21 j 02:57	14°♋11'26	
	-1116 Jul 17 j 04:25	0°♌	
evening set	-1116 Jul 26 j 10:27	1°♌58'53	
conjunction	-1116 Aug 08 j 14:04	4°♌50'06	1°01'50
minimum elong	-1116 Aug 08 j 14:02	4°♌50'05	1°01'51
max. Earth dist.	-1116 Aug 07 j 16:58	4°♌38'38	6.41776 AU
morning rise	-1116 Aug 21 j 14:41	7°♌39'48	
	-1116 Sep 26 j 01:48	15°♌	
retrograde	-1116 Dec 19 j 19:18	24°♌32'19	
opposition	-1115 Feb 18 j 03:26	19°♌38'55	1°42'28
min. Earth dist.	-1115 Feb 19 j 00:30	19°♌32'07	4.42902 AU
	-1115 Apr 05 j 11:06	15℞♌	
direct	-1115 Apr 21 j 16:50	14°♌36'08	
	-1115 May 08 j 01:04	15°♌	
	-1115 Aug 16 j 01:21	0°♍	
evening set	-1115 Aug 26 j 16:00	2°♍16'46	
max. Earth dist.	-1115 Sep 06 j 21:38	4°♍43'40	6.42155 AU
conjunction	-1115 Sep 08 j 11:56	5°♍04'37	1°14'43

Attention, astronomical year style is used: The year -1115 in astronomical counting style is the year 1116 BCE in historical counting style.

minimum elong	-1115 Sep 08 j 11:56	5°♍04'37	1°14'44	
morning rise	-1115 Sep 21 j 04:50	7°♍51'06		
retrograde	-1114 Jan 19 j 15:24	24°♍47'56		
opposition	-1114 Mar 21 j 09:11	19°♍56'08	1°46'59	
min. Earth dist.	-1114 Mar 22 j 16:31	19°♍46'09	4.39962 AU	
direct	-1114 May 23 j 02:18	14°♍55'04		
	-1114 Sep 13 j 23:23	0°♎		
evening set	-1114 Sep 26 j 10:32	2°♎43'08		
max. Earth dist.	-1114 Oct 07 j 02:11	5°♎04'58	6.36028 AU	
conjunction	-1114 Oct 09 j 01:38	5°♎31'24	1°07'02	
minimum elong	-1114 Oct 09 j 01:39	5°♎31'25	1°07'02	
morning rise	-1114 Oct 21 j 14:59	8°♎18'55		
retrograde	-1113 Feb 20 j 21:50	25°♎46'29		
opposition	-1113 Apr 22 j 20:17	20°♎54'33	1°21'36	
min. Earth dist.	-1113 Apr 24 j 06:23	20°♎43'42	4.30985 AU	
direct	-1113 Jun 24 j 01:26	15°♎55'52		
	-1113 Oct 09 j 06:52	0°♏		
evening set	-1113 Oct 27 j 14:47	4°♏04'42		
max. Earth dist.	-1113 Nov 07 j 11:18	6°♏33'07	6.24926 AU	
conjunction	-1113 Nov 09 j 05:20	6°♏57'09	0°39'43	
minimum elong	-1113 Nov 09 j 05:22	6°♏57'10	0°39'43	
morning rise	-1113 Nov 21 j 19:19	9°♏49'35		
	-1113 Dec 15 j 01:58	15°♏		
retrograde	-1112 Mar 26 j 01:45	28°♏09'59		
opposition	-1112 May 26 j 01:30	23°♏16'16	0°30'01	
min. Earth dist.	-1112 May 27 j 02:18	23°♏08'20	4.18400 AU	
direct	-1112 Jul 26 j 02:16	18°♏20'23		
	-1112 Oct 27 j 23:11	0°♐		
evening set	-1112 Nov 28 j 02:00	6°♐59'29		
desc. node	-1112 Nov 30 j 05:19	7°♐29'27		
conjunction	-1112 Dec 10 j 19:12	9°♐58'29	-0°01'12	
minimum elong	-1112 Dec 10 j 19:13	9°♐58'29	0°01'14	
behind sun begin	-1112 Dec 10 j 11:11	9°♐53'47		
behind sun end	-1112 Dec 11 j 03:15	10°♐03'11		
max. Earth dist.	-1112 Dec 09 j 18:56	9°♐44'12	6.11992 AU	
morning rise	-1112 Dec 23 j 13:41	12°♐58'22		
	-1111 Mar 22 j 19:19	0°♑		
retrograde	-1111 May 01 j 09:53	2°♑22'39		
	-1111 Jun 10 j 07:08	30°℞♐		
opposition	-1111 Jul 01 j 02:58	27°♐25'44	-0°34'52	
min. Earth dist.	-1111 Jul 01 j 10:32	27°♐23'16	4.06100 AU	
direct	-1111 Aug 29 j 18:29	22°♐31'56		
	-1111 Nov 09 j 00:44	0°♑		
evening set	-1110 Jan 01 j 10:56	11°♑42'37		
conjunction	-1110 Jan 14 j 09:48	14°♑48'37	-0°43'15	
minimum elong	-1110 Jan 14 j 09:45	14°♑48'35	0°43'15	
max. Earth dist.	-1110 Jan 14 j 14:08	14°♑51'13	6.01474 AU	
morning rise	-1110 Jan 27 j 11:10	17°♑56'08		
	-1110 Mar 23 j 09:16	0°♒		
retrograde	-1110 Jun 08 j 03:20	8°♒13'10		
opposition	-1110 Aug 07 j 09:08	3°♒12'21	-1°29'54	
min. Earth dist.	-1110 Aug 06 j 19:40	3°♒16'50	3.98514 AU	
	-1110 Sep 02 j 17:40	30°℞♑		
direct	-1110 Oct 04 j 18:50	28°♑18'57		
	-1110 Nov 05 j 14:09	0°♒		
	-1109 Jan 25 j 19:00	15°♒		
evening set	-1109 Feb 06 j 17:50	17°♒49'59		
conjunction	-1109 Feb 19 j 23:53	21°♒00'59	-1°10'09	
minimum elong	-1109 Feb 19 j 23:51	21°♒00'58	1°10'09	
max. Earth dist.	-1109 Feb 21 j 08:16	21°♒20'28	5.97432 AU	
morning rise	-1109 Mar 05 j 09:22	24°♒13'45		
	-1109 Mar 30 j 03:54	0°♓		
retrograde	-1109 Jul 15 j 18:18	14°♓46'23		
min. Earth dist.	-1109 Sep 12 j 09:15	9°♓52'04	3.98633 AU	
opposition	-1109 Sep 13 j 14:24	9°♓42'11	-1°50'42	
direct	-1109 Nov 10 j 11:24	4°♓47'00		
evening set	-1108 Mar 15 j 01:46	24°♓16'17		
conjunction	-1108 Mar 28 j 15:34	27°♓28'49	-1°09'59	
minimum elong	-1108 Mar 28 j 15:37	27°♓28'50	1°09'58	
max. Earth dist.	-1108 Mar 30 j 18:44	27°♓59'06	6.01603 AU	
	-1108 Apr 08 j 07:30	0°♈		
morning rise	-1108 Apr 11 j 07:56	0°♈42'33		
retrograde	-1108 Aug 20 j 00:01	20°♈43'28		
min. Earth dist.	-1108 Oct 17 j 04:16	15°♈49'13	4.06410 AU	
opposition	-1108 Oct 18 j 12:27	15°♈38'13	-1°28'29	
direct	-1108 Dec 15 j 19:34	10°♈40'00		
evening set	-1107 Apr 21 j 03:23	29°♈46'09		
	-1107 Apr 22 j 03:34	0°♉		
conjunction	-1107 May 04 j 21:47	2°♉55'58	-0°43'38	
minimum elong	-1107 May 04 j 21:50	2°♉56'00	0°43'38	
max. Earth dist.	-1107 May 06 j 21:51	3°♉23'37	6.12260 AU	
morning rise	-1107 May 18 j 17:13	6°♉06'02		
	-1107 Jun 28 j 18:53	15°♉		
retrograde	-1107 Sep 22 j 22:57	25°♉05'03		
min. Earth dist.	-1107 Nov 20 j 10:06	20°♉10'14	4.18740 AU	
opposition	-1107 Nov 21 j 11:35	20°♉01'35	-0°35'48	
direct	-1106 Jan 19 j 20:02	15°♉00'27		
	-1106 May 10 j 13:49	0°♊		
evening set	-1106 May 26 j 20:05	3°♊33'56		
conjunction	-1106 Jun 09 j 13:25	6°♊37'39	-0°03'18	
minimum elong	-1106 Jun 09 j 13:25	6°♊37'39	0°03'17	
behind sun begin	-1106 Jun 09 j 05:08	6°♊33'02		
behind sun end	-1106 Jun 09 j 21:42	6°♊42'15		
max. Earth dist.	-1106 Jun 10 j 17:22	6°♊53'16	6.25310 AU	
morning rise	-1106 Jun 23 j 05:39	9°♊40'34		
asc. node	-1106 Jul 10 j 01:37	13°♊21'08		
retrograde	-1106 Oct 25 j 00:36	27°♊36'10		
opposition	-1106 Dec 23 j 16:17	22°♊36'20	0°25'22	
min. Earth dist.	-1106 Dec 23 j 06:36	22°♊39'34	4.31281 AU	
direct	-1105 Feb 22 j 09:59	17°♊33'25		
	-1105 Jun 03 j 03:33	0°♋		
evening set	-1105 Jun 29 j 16:49	5°♋37'09		
conjunction	-1105 Jul 13 j 03:51	8°♋33'36	0°36'38	
minimum elong	-1105 Jul 13 j 03:49	8°♋33'34	0°36'39	
max. Earth dist.	-1105 Jul 13 j 05:31	8°♋34'30	6.36398 AU	
morning rise	-1105 Jul 26 j 12:16	11°♋28'37		
retrograde	-1105 Nov 24 j 16:58	28°♋38'54		
opposition	-1104 Jan 23 j 17:38	23°♋42'53	1°16'12	
min. Earth dist.	-1104 Jan 24 j 00:38	23°♋40'35	4.40189 AU	
direct	-1104 Mar 25 j 14:55	18°♋39'30		
	-1104 Jun 30 j 03:03	0°♌		
evening set	-1104 Jul 30 j 21:57	6°♌24'34		
max. Earth dist.	-1104 Aug 12 j 01:08	9°♌02'22	6.42400 AU	
conjunction	-1104 Aug 13 j 00:24	9°♌15'02	1°04'50	
minimum elong	-1104 Aug 13 j 00:21	9°♌15'01	1°04'50	
morning rise	-1104 Aug 25 j 23:39	12°♌03'57		
	-1104 Sep 08 j 17:26	15°♌		
retrograde	-1104 Dec 24 j 02:39	28°♌54'52		
opposition	-1103 Feb 22 j 12:10	24°♌01'50	1°44'51	
min. Earth dist.	-1103 Feb 23 j 11:14	23°♌54'24	4.43050 AU	
direct	-1103 Apr 26 j 03:17	18°♌59'16		
	-1103 Jul 30 j 02:59	0°♍		
evening set	-1103 Aug 31 j 00:24	6°♍39'38		
max. Earth dist.	-1103 Sep 11 j 01:31	9°♍04'20	6.41786 AU	

Attention, astronomical year style is used: The year -1103 in astronomical counting style is the year 1104 BCE in historical counting style.

conjunction	-1103 Sep 12 j 19:20	9°♍27'14	1°14'53
minimum elong	-1103 Sep 12 j 19:20	9°♍27'14	1°14'54
morning rise	-1103 Sep 25 j 11:37	12°♍13'36	
retrograde	-1102 Jan 24 j 02:53	29°♍12'54	
opposition	-1102 Mar 25 j 20:41	24°♍21'12	1°45'10
min. Earth dist.	-1102 Mar 27 j 05:25	24°♍10'45	4.39099 AU
direct	-1102 May 27 j 13:16	19°♍20'23	
	-1102 Aug 27 j 22:04	0°♎	
evening set	-1102 Sep 30 j 18:32	7°♎10'31	
max. Earth dist.	-1102 Oct 11 j 10:44	9°♎33'04	6.34738 AU
conjunction	-1102 Oct 13 j 09:29	9°♎59'11	1°04'17
minimum elong	-1102 Oct 13 j 09:31	9°♎59'12	1°04'15
morning rise	-1102 Oct 25 j 22:32	12°♎47'10	
	-1101 Feb 10 j 13:19	0°♏	
retrograde	-1101 Feb 25 j 13:25	0°♏21'00	
	-1101 Mar 12 j 14:13	30°℞♎	
opposition	-1101 Apr 27 j 12:56	25°♎28'57	1°15'42
min. Earth dist.	-1101 Apr 28 j 22:08	25°♎18'24	4.29336 AU
direct	-1101 Jun 28 j 13:49	20°♎30'44	
	-1101 Sep 21 j 11:35	0°♏	
evening set	-1101 Nov 01 j 02:14	8°♏43'37	
max. Earth dist.	-1101 Nov 11 j 23:37	11°♏13'13	6.23057 AU
conjunction	-1101 Nov 13 j 16:50	11°♏36'54	0°34'33
minimum elong	-1101 Nov 13 j 16:52	11°♏36'55	0°34'32
morning rise	-1101 Nov 26 j 07:21	14°♏30'19	
	-1101 Nov 28 j 11:24	15°♏	
	-1100 Feb 15 j 04:30	0°♐	
retrograde	-1100 Mar 31 j 02:39	2°♐59'51	
	-1100 May 15 j 18:33	30°℞♏	
opposition	-1100 May 31 j 00:52	28°♏05'48	0°21'13
min. Earth dist.	-1100 Jun 01 j 00:20	27°♏58'16	4.16423 AU
direct	-1100 Jul 30 j 21:46	23°♏10'15	
	-1100 Oct 07 j 22:58	0°♐	
desc. node	-1100 Oct 09 j 12:15	0°♐16'50	
evening set	-1100 Dec 02 j 19:33	11°♐54'38	
conjunction	-1100 Dec 15 j 13:34	14°♐54'46	-0°07'28
minimum elong	-1100 Dec 15 j 13:34	14°♐54'46	0°07'29
behind sun begin	-1100 Dec 15 j 06:13	14°♐50'27	
behind sun end	-1100 Dec 15 j 20:54	14°♐59'04	
max. Earth dist.	-1100 Dec 14 j 17:11	14°♐42'44	6.10105 AU
morning rise	-1100 Dec 28 j 08:51	17°♐55'51	
	-1099 Feb 22 j 11:09	0°♑	
retrograde	-1099 May 06 j 16:44	7°♑29'29	
opposition	-1099 Jul 06 j 08:16	2°♑32'09	-0°43'54
min. Earth dist.	-1099 Jul 06 j 12:44	2°♑30'41	4.04499 AU
	-1099 Jul 26 j 18:32	30°℞♐	
direct	-1099 Sep 03 j 18:22	27°♐38'37	
	-1099 Oct 12 j 02:34	0°♑	
evening set	-1098 Jan 06 j 12:06	16°♑53'54	
conjunction	-1098 Jan 19 j 11:47	20°♑00'49	-0°48'22
minimum elong	-1098 Jan 19 j 11:44	20°♑00'48	0°48'23
max. Earth dist.	-1098 Jan 19 j 19:30	20°♑05'27	6.00304 AU
morning rise	-1098 Feb 01 j 14:23	23°♑09'23	
	-1098 Mar 03 j 04:28	0°♒	
retrograde	-1098 Jun 13 j 12:09	13°♒32'02	
opposition	-1098 Aug 12 j 17:02	8°♒30'39	-1°35'24
min. Earth dist.	-1098 Aug 12 j 00:08	8°♒36'18	3.97941 AU
direct	-1098 Oct 09 j 23:26	3°♒37'10	
	-1097 Jan 07 j 11:56	15°♒	
evening set	-1097 Feb 12 j 00:30	23°♒09'43	
conjunction	-1097 Feb 25 j 07:49	26°♒21'13	-1°11'54
minimum elong	-1097 Feb 25 j 07:47	26°♒21'12	1°11'54
max. Earth dist.	-1097 Feb 26 j 21:37	26°♒43'56	5.97528 AU
morning rise	-1097 Mar 10 j 18:13	29°♒34'22	
	-1097 Mar 12 j 13:17	0°♓	
retrograde	-1097 Jul 21 j 01:37	20°♓05'06	
opposition	-1097 Sep 18 j 19:38	15°♓00'36	-1°50'02
min. Earth dist.	-1097 Sep 17 j 13:36	15°♓10'47	3.99417 AU
direct	-1097 Nov 15 j 17:31	10°♓05'04	
evening set	-1096 Mar 20 j 09:22	29°♓31'34	
	-1096 Mar 22 j 09:49	0°♈	
conjunction	-1096 Apr 02 j 23:55	2°♈43'49	-1°07'37
minimum elong	-1096 Apr 02 j 23:58	2°♈43'51	1°07'37
max. Earth dist.	-1096 Apr 05 j 04:02	3°♈14'32	6.02985 AU
morning rise	-1096 Apr 16 j 17:05	5°♈57'13	
retrograde	-1096 Aug 24 j 21:25	25°♈49'29	
min. Earth dist.	-1096 Oct 22 j 01:42	20°♈55'31	4.08240 AU
opposition	-1096 Oct 23 j 10:35	20°♈44'17	-1°22'21
direct	-1096 Dec 20 j 20:06	15°♈45'36	
	-1095 Apr 04 j 22:42	0°♉	
evening set	-1095 Apr 26 j 06:28	4°♉46'13	
conjunction	-1095 May 10 j 01:00	7°♉55'08	-0°38'26
minimum elong	-1095 May 10 j 01:02	7°♉55'10	0°38'25
max. Earth dist.	-1095 May 11 j 22:37	8°♉21'16	6.14375 AU
morning rise	-1095 May 23 j 20:15	11°♉04'10	
	-1095 Jun 10 j 10:28	15°♉	
retrograde	-1095 Sep 27 j 13:53	29°♉52'34	
min. Earth dist.	-1095 Nov 25 j 03:36	24°♉57'11	4.20901 AU
opposition	-1095 Nov 26 j 02:19	24°♉49'29	-0°27'13
direct	-1094 Jan 24 j 16:26	19°♉47'59	
	-1094 Apr 22 j 14:08	0°♊	
asc. node	-1094 May 20 j 01:45	5°♊43'05	
evening set	-1094 May 31 j 15:58	8°♊15'37	
conjunction	-1094 Jun 14 j 08:42	11°♊18'11	0°02'44
minimum elong	-1094 Jun 14 j 08:41	11°♊18'10	0°02'44
behind sun begin	-1094 Jun 14 j 00:23	11°♊13'35	
behind sun end	-1094 Jun 14 j 16:59	11°♊22'46	
max. Earth dist.	-1094 Jun 15 j 09:50	11°♊32'09	6.27340 AU
morning rise	-1094 Jun 27 j 23:56	14°♊19'48	
	-1094 Sep 22 j 10:56	0°♋	
retrograde	-1094 Oct 29 j 06:37	2°♋06'49	
	-1094 Dec 04 j 23:32	30°℞♊	
opposition	-1094 Dec 28 j 00:55	27°♊07'28	0°33'23
min. Earth dist.	-1094 Dec 27 j 16:59	27°♊10'07	4.33025 AU
direct	-1093 Feb 26 j 22:13	22°♊04'23	
	-1093 May 15 j 10:47	0°♋	
evening set	-1093 Jul 04 j 06:08	10°♋04'06	
conjunction	-1093 Jul 17 j 15:55	12°♋59'29	0°41'25
minimum elong	-1093 Jul 17 j 15:52	12°♋59'28	0°41'26
max. Earth dist.	-1093 Jul 17 j 12:44	12°♋57'45	6.37714 AU
morning rise	-1093 Jul 30 j 23:03	15°♋53'27	
	-1093 Oct 15 j 10:54	0°♌	
retrograde	-1093 Nov 28 j 22:39	2°♌59'05	
	-1092 Jan 12 j 16:54	30°℞♋	
opposition	-1092 Jan 27 j 23:42	28°♋03'34	1°21'40
min. Earth dist.	-1092 Jan 28 j 10:17	28°♋00'07	4.41002 AU
direct	-1092 Mar 30 j 01:12	23°♋00'11	
	-1092 Jun 11 j 02:41	0°♌	
evening set	-1092 Aug 04 j 06:26	10°♌43'47	
max. Earth dist.	-1092 Aug 16 j 04:26	13°♌18'50	6.42620 AU
conjunction	-1092 Aug 17 j 07:46	13°♌33'42	1°07'23
minimum elong	-1092 Aug 17 j 07:44	13°♌33'41	1°07'24
	-1092 Aug 23 j 22:30	15°♌	
morning rise	-1092 Aug 30 j 05:57	16°♌22'05	

Attention, astronomical year style is used: The year -1092 in astronomical counting style is the year 1093 BCE in historical counting style.

	-1092 Nov 11 j 20:45	0°♍	
retrograde	-1092 Dec 28 j 08:25	3°♍12'59	
	-1091 Feb 13 j 14:03	30°℞♌	
opposition	-1091 Feb 26 j 19:14	28°♌20'10	1°46'40
min. Earth dist.	-1091 Feb 27 j 20:00	28°♌12'12	4.42697 AU
direct	-1091 Apr 30 j 10:45	23°♌17'43	
	-1091 Jul 10 j 22:55	0°♍	
evening set	-1091 Sep 04 j 07:07	10°♍59'26	
max. Earth dist.	-1091 Sep 15 j 06:44	13°♍23'40	6.40877 AU
conjunction	-1091 Sep 17 j 01:23	13°♍47'05	1°14'38
minimum elong	-1091 Sep 17 j 01:23	13°♍47'06	1°14'38
morning rise	-1091 Sep 29 j 16:54	16°♍33'33	
	-1091 Dec 09 j 21:22	0°♎	
retrograde	-1090 Jan 28 j 13:29	3°♎37'10	
	-1090 Mar 20 j 11:23	30°℞♍	
opposition	-1090 Mar 30 j 08:05	28°♍45'32	1°42'48
min. Earth dist.	-1090 Mar 31 j 17:52	28°♍34'46	4.37693 AU
direct	-1090 May 31 j 23:13	23°♍45'04	
	-1090 Aug 08 j 03:08	0°♎	
evening set	-1090 Oct 05 j 03:06	11°♎38'56	
max. Earth dist.	-1090 Oct 15 j 17:37	14°♎01'13	6.32938 AU
conjunction	-1090 Oct 17 j 17:43	14°♎28'13	1°01'08
minimum elong	-1090 Oct 17 j 17:45	14°♎28'14	1°01'08
morning rise	-1090 Oct 30 j 06:57	17°♎16'57	
	-1089 Jan 02 j 09:13	0°♏	
retrograde	-1089 Mar 02 j 08:19	4°♏58'47	
opposition	-1089 May 02 j 07:08	0°♏06'31	1°09'17
	-1089 May 03 j 03:36	30°℞♎	
min. Earth dist.	-1089 May 03 j 15:36	29°♎56'11	4.27256 AU
direct	-1089 Jul 03 j 04:39	25°♎08'39	
	-1089 Aug 30 j 14:56	0°♏	
evening set	-1089 Nov 05 j 15:25	13°♏26'56	
	-1089 Nov 12 j 09:35	15°♏	
max. Earth dist.	-1089 Nov 16 j 16:53	15°♏59'33	6.20895 AU
conjunction	-1089 Nov 18 j 06:33	16°♏21'17	0°29'05
minimum elong	-1089 Nov 18 j 06:35	16°♏21'18	0°29'04
morning rise	-1089 Nov 30 j 21:29	19°♏15'51	
	-1088 Jan 20 j 07:46	0°♐	
retrograde	-1088 Apr 05 j 05:03	7°♐55'19	
opposition	-1088 Jun 05 j 02:46	3°♐00'54	0°12'05
min. Earth dist.	-1088 Jun 05 j 23:41	2°♐54'11	4.14352 AU
	-1088 Jun 30 j 09:08	30°℞♏	
direct	-1088 Aug 04 j 18:22	28°♏05'48	
desc. node	-1088 Aug 18 j 07:25	28°♏23'24	
	-1088 Sep 08 j 17:17	0°♐	
evening set	-1088 Dec 07 j 15:46	16°♐55'31	
conjunction	-1088 Dec 20 j 10:21	19°♐56'42	-0°13'45
minimum elong	-1088 Dec 20 j 10:20	19°♐56'42	0°13'45
behind sun begin	-1088 Dec 20 j 05:53	19°♐54'04	
behind sun end	-1088 Dec 20 j 14:46	19°♐59'19	
max. Earth dist.	-1088 Dec 19 j 17:13	19°♐46'34	6.08311 AU
morning rise	-1087 Jan 02 j 06:42	22°♐59'00	
	-1087 Feb 02 j 02:19	0°♑	
retrograde	-1087 May 12 j 01:14	12°♑41'24	
opposition	-1087 Jul 11 j 15:42	7°♑43'26	-0°52'44
min. Earth dist.	-1087 Jul 11 j 16:10	7°♑43'17	4.03161 AU
direct	-1087 Sep 08 j 21:05	2°♑50'01	
evening set	-1086 Jan 11 j 15:09	22°♑08'39	
conjunction	-1086 Jan 24 j 15:57	25°♑16'22	-0°53'09
minimum elong	-1086 Jan 24 j 15:54	25°♑16'20	0°53'10
max. Earth dist.	-1086 Jan 25 j 06:08	25°♑24'53	5.99545 AU
morning rise	-1086 Feb 06 j 19:28	28°♑25'41	
	-1086 Feb 13 j 10:15	0°♒	
	-1086 Apr 29 j 06:29	15°♒	
retrograde	-1086 Jun 18 j 22:26	18°♒51'35	
	-1086 Aug 09 j 04:53	15°℞♒	
min. Earth dist.	-1086 Aug 17 j 06:15	13°♒55'59	3.97859 AU
opposition	-1086 Aug 18 j 01:09	13°♒49'40	-1°40'05
direct	-1086 Oct 15 j 05:38	8°♒56'01	
	-1086 Dec 16 j 19:56	15°♒	
evening set	-1085 Feb 17 j 07:33	28°♒28'12	
	-1085 Feb 23 j 17:09	0°♓	
conjunction	-1085 Mar 02 j 15:46	1°♓39'53	-1°13'04
minimum elong	-1085 Mar 02 j 15:46	1°♓39'52	1°13'04
max. Earth dist.	-1085 Mar 04 j 08:05	2°♓04'02	5.98083 AU
morning rise	-1085 Mar 16 j 03:22	4°♓53'14	
retrograde	-1085 Jul 26 j 05:11	25°♓19'51	
opposition	-1085 Sep 23 j 23:07	20°♓15'06	-1°48'29
min. Earth dist.	-1085 Sep 22 j 15:05	20°♓25'59	4.00558 AU
direct	-1085 Nov 20 j 21:02	15°♓19'12	
	-1084 Mar 05 j 04:32	0°♈	
evening set	-1084 Mar 25 j 15:23	4°♈41'55	
conjunction	-1084 Apr 08 j 06:43	7°♈53'47	-1°04'46
minimum elong	-1084 Apr 08 j 06:46	7°♈53'49	1°04'45
max. Earth dist.	-1084 Apr 10 j 10:31	8°♈24'12	6.04591 AU
morning rise	-1084 Apr 22 j 00:25	11°♈06'40	
	-1084 Aug 07 j 03:29	0°♉	
retrograde	-1084 Aug 29 j 18:18	0°♉49'59	
	-1084 Sep 21 j 03:13	30°℞♈	
min. Earth dist.	-1084 Oct 26 j 23:47	25°♈55'36	4.10114 AU
opposition	-1084 Oct 28 j 06:57	25°♈44'57	-1°15'44
direct	-1084 Dec 25 j 20:51	20°♈45'51	
	-1083 Mar 17 j 03:50	0°♉	
evening set	-1083 May 01 j 07:43	9°♉41'11	
conjunction	-1083 May 15 j 02:25	12°♉49'18	-0°33'02
minimum elong	-1083 May 15 j 02:27	12°♉49'19	0°33'01
max. Earth dist.	-1083 May 16 j 22:45	13°♉14'33	6.16377 AU
	-1083 May 24 j 16:08	15°♉	
morning rise	-1083 May 28 j 21:21	15°♉57'19	
	-1083 Aug 07 j 14:01	0°♊	
retrograde	-1083 Oct 02 j 01:45	4°♊35'58	
	-1083 Nov 27 j 08:45	30°℞♉	
opposition	-1083 Nov 30 j 15:27	29°♉33'26	-0°18'34
min. Earth dist.	-1083 Nov 29 j 18:00	29°♉40'41	4.22847 AU
direct	-1082 Jan 29 j 09:02	24°♉31'42	
asc. node	-1082 Mar 29 j 23:18	29°♉38'31	
	-1082 Apr 01 j 05:46	0°♊	
evening set	-1082 Jun 05 j 11:05	12°♊54'41	
conjunction	-1082 Jun 19 j 02:56	15°♊56'11	0°08'33
minimum elong	-1082 Jun 19 j 02:54	15°♊56'10	0°08'34
behind sun begin	-1082 Jun 18 j 19:44	15°♊52'12	
behind sun end	-1082 Jun 19 j 10:05	16°♊00'08	
max. Earth dist.	-1082 Jun 19 j 22:37	16°♊07'06	6.29086 AU
morning rise	-1082 Jul 02 j 17:20	18°♊56'42	
	-1082 Aug 26 j 10:23	0°♋	
retrograde	-1082 Nov 02 j 15:10	6°♋36'32	
opposition	-1081 Jan 01 j 09:38	1°♋37'48	0°41'11
min. Earth dist.	-1081 Jan 01 j 05:16	1°♋39'15	4.34446 AU
	-1081 Jan 13 j 21:36	30°℞♊	
direct	-1081 Mar 03 j 12:07	26°♊34'36	
	-1081 Apr 21 j 08:32	0°♋	
evening set	-1081 Jul 08 j 19:08	14°♋31'25	
conjunction	-1081 Jul 22 j 03:56	17°♋25'59	0°45'59
minimum elong	-1081 Jul 22 j 03:54	17°♋25'57	0°46'00

Attention, astronomical year style is used: The year -1081 in astronomical counting style is the year 1082 BCE in historical counting style.

max. Earth dist.	-1081 Jul 21 j 21:46	17°♋22'37	6.38702 AU
morning rise	-1081 Aug 04 j 09:44	20°♋19'01	
	-1081 Sep 21 j 08:32	0°♌	
retrograde	-1081 Dec 03 j 03:34	7°♌21'24	
opposition	-1080 Feb 01 j 06:51	2°♌26'20	1°26'44
min. Earth dist.	-1080 Feb 01 j 18:55	2°♌22'24	4.41523 AU
	-1080 Feb 20 j 20:28	30°℞♋	
direct	-1080 Apr 03 j 10:03	27°♋23'05	
	-1080 May 16 j 08:06	0°♌	
evening set	-1080 Aug 08 j 15:46	15°♌06'03	
	-1080 Aug 08 j 04:32	15°♌	
max. Earth dist.	-1080 Aug 20 j 09:21	17°♌38'52	6.42626 AU
conjunction	-1080 Aug 21 j 15:54	17°♌55'30	1°09'36
minimum elong	-1080 Aug 21 j 15:52	17°♌55'29	1°09'37
morning rise	-1080 Sep 03 j 13:02	20°♌43'28	
	-1080 Oct 19 j 08:26	0°♍	
retrograde	-1079 Jan 01 j 16:57	7°♍35'08	
opposition	-1079 Mar 03 j 04:07	2°♍42'39	1°47'55
min. Earth dist.	-1079 Mar 04 j 07:26	2°♍33'53	4.42203 AU
	-1079 Mar 25 j 12:10	30°℞♌	
direct	-1079 May 04 j 21:22	27°♌40'28	
	-1079 Jun 14 j 07:21	0°♍	
evening set	-1079 Sep 08 j 15:11	15°♍23'45	
max. Earth dist.	-1079 Sep 19 j 11:56	17°♍46'50	6.39910 AU
conjunction	-1079 Sep 21 j 08:46	18°♍11'31	1°13'58
minimum elong	-1079 Sep 21 j 08:46	18°♍11'31	1°13'57
morning rise	-1079 Oct 03 j 23:48	20°♍58'09	
	-1079 Nov 16 j 20:25	0°♎	
retrograde	-1078 Feb 02 j 01:44	8°♎06'22	
opposition	-1078 Apr 03 j 21:26	3°♎14'45	1°39'48
min. Earth dist.	-1078 Apr 05 j 07:01	3°♎04'03	4.36330 AU
	-1078 May 01 j 16:44	30°℞♍	
direct	-1078 Jun 05 j 10:18	28°♍14'39	
	-1078 Jul 10 j 03:14	0°♎	
evening set	-1078 Oct 09 j 12:42	16°♎11'54	
max. Earth dist.	-1078 Oct 20 j 05:24	18°♎35'57	6.31308 AU
conjunction	-1078 Oct 22 j 03:17	19°♎01'47	0°57'35
minimum elong	-1078 Oct 22 j 03:19	19°♎01'49	0°57'35
morning rise	-1078 Nov 03 j 16:24	21°♎51'12	
	-1078 Dec 11 j 20:31	0°♏	
retrograde	-1077 Mar 07 j 03:52	9°♏40'33	
opposition	-1077 May 07 j 02:59	4°♏48'08	1°02'21
min. Earth dist.	-1077 May 08 j 10:31	4°♏38'06	4.25468 AU
	-1077 Jun 27 j 21:25	30°℞♎	
direct	-1077 Jul 07 j 21:24	29°♎50'45	
	-1077 Jul 17 j 20:34	0°♏	
	-1077 Oct 27 j 00:25	15°♏	
evening set	-1077 Nov 10 j 05:22	18°♏13'11	
max. Earth dist.	-1077 Nov 21 j 08:33	20°♏47'27	6.19118 AU
conjunction	-1077 Nov 22 j 20:39	21°♏08'22	0°23'24
minimum elong	-1077 Nov 22 j 20:41	21°♏08'23	0°23'23
morning rise	-1077 Dec 05 j 12:18	24°♏03'57	
	-1077 Dec 31 j 23:44	0°♐	
retrograde	-1076 Apr 10 j 07:00	12°♐52'02	
opposition	-1076 Jun 10 j 04:42	7°♐57'09	0°02'52
min. Earth dist.	-1076 Jun 10 j 22:11	7°♐51'31	4.12732 AU
desc. node	-1076 Jun 27 j 18:09	5°♐46'12	
direct	-1076 Aug 09 j 15:31	3°♐02'21	
evening set	-1076 Dec 12 j 11:29	21°♐55'46	
conjunction	-1076 Dec 25 j 06:52	24°♐57'50	-0°19'52
minimum elong	-1076 Dec 25 j 06:50	24°♐57'49	0°19'53
max. Earth dist.	-1076 Dec 24 j 19:31	24°♐51'06	6.07011 AU

morning rise	-1075 Jan 07 j 03:54	28°♐01'02	
	-1075 Jan 15 j 14:52	0°♑	
retrograde	-1075 May 17 j 08:55	17°♑50'02	
opposition	-1075 Jul 16 j 21:17	12°♑51'30	-1°00'59
min. Earth dist.	-1075 Jul 16 j 19:25	12°♑52'06	4.02321 AU
direct	-1075 Sep 13 j 23:17	7°♑58'11	
evening set	-1074 Jan 16 j 16:16	27°♑18'23	
	-1074 Jan 27 j 21:36	0°♒	
conjunction	-1074 Jan 29 j 17:49	0°♒26'36	-0°57'23
minimum elong	-1074 Jan 29 j 17:47	0°♒26'34	0°57'24
max. Earth dist.	-1074 Jan 30 j 11:15	0°♒37'04	5.99212 AU
morning rise	-1074 Feb 11 j 22:31	3°♒36'31	
	-1074 Apr 04 j 04:45	15°♒	
retrograde	-1074 Jun 24 j 02:47	24°♒03'46	
min. Earth dist.	-1074 Aug 22 j 07:33	19°♒08'43	3.98103 AU
opposition	-1074 Aug 23 j 05:40	19°♒01'18	-1°43'47
	-1074 Sep 27 j 15:16	15°℞♒	
direct	-1074 Oct 20 j 07:40	14°♒07'25	
	-1074 Nov 12 j 01:17	15°♒	
	-1073 Feb 06 j 23:48	0°♓	
evening set	-1073 Feb 22 j 11:10	3°♓38'12	
conjunction	-1073 Mar 07 j 20:23	6°♓49'57	-1°13'35
minimum elong	-1073 Mar 07 j 20:23	6°♓49'57	1°13'36
max. Earth dist.	-1073 Mar 09 j 15:01	7°♓15'26	5.98852 AU
morning rise	-1073 Mar 21 j 08:48	10°♓03'17	
	-1073 Jul 15 j 06:35	0°♈	
retrograde	-1073 Jul 31 j 05:33	0°♈25'06	
	-1073 Aug 16 j 01:33	30°℞♓	
opposition	-1073 Sep 28 j 22:33	25°♓20'05	-1°46'06
min. Earth dist.	-1073 Sep 27 j 14:52	25°♓30'53	4.01758 AU
direct	-1073 Nov 25 j 22:47	20°♓23'42	
	-1072 Feb 15 j 17:42	0°♈	
evening set	-1072 Mar 30 j 17:41	9°♈42'39	
conjunction	-1072 Apr 13 j 09:49	12°♈54'10	-1°01'31
minimum elong	-1072 Apr 13 j 09:52	12°♈54'12	1°01'31
max. Earth dist.	-1072 Apr 15 j 14:11	13°♈24'47	6.06113 AU
morning rise	-1072 Apr 27 j 03:54	16°♈06'32	
	-1072 Jul 03 j 06:57	0°♉	
retrograde	-1072 Sep 03 j 10:53	5°♉41'13	
opposition	-1072 Nov 01 j 23:25	0°♉36'26	-1°08'49
min. Earth dist.	-1072 Oct 31 j 16:57	0°♉46'49	4.11796 AU
	-1072 Nov 06 j 10:38	30°℞♈	
direct	-1072 Dec 30 j 15:32	25°♈36'56	
	-1071 Feb 22 j 08:50	0°♉	
evening set	-1071 May 06 j 05:50	14°♉27'55	
	-1071 May 08 j 14:39	15°♉	
conjunction	-1071 May 20 j 00:21	17°♉35'15	-0°27'35
minimum elong	-1071 May 20 j 00:24	17°♉35'16	0°27'34
max. Earth dist.	-1071 May 21 j 16:04	17°♉57'47	6.18078 AU
morning rise	-1071 Jun 02 j 19:10	20°♉42'25	
	-1071 Jul 16 j 12:26	0°♊	
retrograde	-1071 Oct 06 j 12:14	9°♊12'47	
min. Earth dist.	-1071 Dec 04 j 07:41	4°♊17'00	4.24413 AU
opposition	-1071 Dec 05 j 02:21	4°♊10'42	-0°10'05
	-1070 Jan 11 j 00:22	30°℞♉	
direct	-1070 Feb 03 j 00:53	29°♉08'39	
asc. node	-1070 Feb 07 j 21:38	29°♉10'58	
	-1070 Feb 26 j 07:46	0°♊	
evening set	-1070 Jun 10 j 03:41	17°♊28'14	
conjunction	-1070 Jun 23 j 18:58	20°♊28'54	0°14'12
minimum elong	-1070 Jun 23 j 18:57	20°♊28'54	0°14'13
behind sun begin	-1070 Jun 23 j 15:15	20°♊26'51	

Attention, astronomical year style is used: The year -1070 in astronomical counting style is the year 1071 BCE in historical counting style.

behind sun end	-1070 Jun	23 j 22:39	20°♊30'56	
max. Earth dist.	-1070 Jun	24 j 12:14	20°♊38'27	6.30420 AU
morning rise	-1070 Jul	07 j 08:15	23°♊28'26	
	-1070 Aug	07 j 02:34	0°♋	
retrograde	-1070 Nov	06 j 21:27	11°♋02'38	
opposition	-1069 Jan	05 j 17:10	6°♋04'28	0°48'35
min. Earth dist.	-1069 Jan	05 j 14:30	6°♋05'21	4.35471 AU
direct	-1069 Mar	07 j 22:41	1°♋01'15	
evening set	-1069 Jul	13 j 07:29	18°♋56'21	
conjunction	-1069 Jul	26 j 14:58	21°♋50'10	0°50'14
minimum elong	-1069 Jul	26 j 14:55	21°♋50'08	0°50'14
max. Earth dist.	-1069 Jul	26 j 03:52	21°♋44'07	6.39339 AU
morning rise	-1069 Aug	08 j 19:42	24°♋42'29	
	-1069 Sep	02 j 21:28	0°♌	
retrograde	-1069 Dec	07 j 10:47	11°♌42'40	
opposition	-1068 Feb	05 j 14:05	6°♌48'04	1°31'15
min. Earth dist.	-1068 Feb	06 j 05:12	6°♌43'08	4.41767 AU
direct	-1068 Apr	07 j 20:47	1°♌44'52	
	-1068 Jul	22 j 22:26	15°♌	
evening set	-1068 Aug	13 j 00:50	19°♌27'51	
max. Earth dist.	-1068 Aug	24 j 16:05	21°♌59'31	6.42451 AU
conjunction	-1068 Aug	26 j 00:06	22°♌16'58	1°11'24
minimum elong	-1068 Aug	26 j 00:05	22°♌16'57	1°11'24
morning rise	-1068 Sep	07 j 20:07	25°♌04'35	
	-1068 Oct	01 j 02:28	0°♍	
retrograde	-1067 Jan	06 j 00:02	11°♍57'29	
opposition	-1067 Mar	07 j 13:31	7°♍05'12	1°48'32
min. Earth dist.	-1067 Mar	08 j 17:02	6°♍56'22	4.41649 AU
direct	-1067 May	09 j 06:00	2°♍03'17	
evening set	-1067 Sep	12 j 23:15	19°♍47'59	
max. Earth dist.	-1067 Sep	23 j 19:06	22°♍10'58	6.39012 AU
conjunction	-1067 Sep	25 j 16:06	22°♍35'49	1°12'51
minimum elong	-1067 Sep	25 j 16:07	22°♍35'49	1°12'51
morning rise	-1067 Oct	08 j 06:37	25°♍22'36	
	-1067 Oct	29 j 18:26	0°♎	
retrograde	-1066 Feb	06 j 15:13	12°♎35'06	
opposition	-1066 Apr	08 j 11:13	7°♎43'29	1°36'09
min. Earth dist.	-1066 Apr	09 j 21:40	7°♎32'32	4.35123 AU
direct	-1066 Jun	09 j 23:41	2°♎43'45	
evening set	-1066 Oct	13 j 22:02	20°♎43'34	
max. Earth dist.	-1066 Oct	24 j 14:31	23°♎08'01	6.29878 AU
conjunction	-1066 Oct	26 j 12:27	23°♎33'59	0°53'41
minimum elong	-1066 Oct	26 j 12:30	23°♎34'00	0°53'41
morning rise	-1066 Nov	08 j 01:46	26°♎24'03	
	-1066 Nov	24 j 07:23	0°♏	
retrograde	-1065 Mar	11 j 21:43	14°♏20'10	
opposition	-1065 May	11 j 21:58	9°♏27'28	0°55'01
min. Earth dist.	-1065 May	13 j 03:20	9°♏18'06	4.23884 AU
direct	-1065 Jul	12 j 12:09	4°♏30'26	
	-1065 Oct	09 j 15:15	15°♏	
evening set	-1065 Nov	14 j 18:22	22°♏56'26	
max. Earth dist.	-1065 Nov	26 j 01:47	25°♏33'41	6.17514 AU
conjunction	-1065 Nov	27 j 10:07	25°♏52'29	0°17'36
minimum elong	-1065 Nov	27 j 10:08	25°♏52'29	0°17'36
morning rise	-1065 Dec	10 j 02:12	28°♏48'58	
	-1065 Dec	15 j 05:36	0°♐	
retrograde	-1064 Apr	15 j 09:32	17°♐45'11	
desc. node	-1064 May	07 j 17:32	16°♐58'33	
opposition	-1064 Jun	15 j 05:20	12°♐49'54	-0°06'19
min. Earth dist.	-1064 Jun	15 j 21:24	12°♐44'43	4.11207 AU
direct	-1064 Aug	14 j 12:15	7°♐55'24	
evening set	-1064 Dec	17 j 06:06	26°♐52'33	
conjunction	-1064 Dec	30 j 02:07	29°♐55'29	-0°25'49
minimum elong	-1064 Dec	30 j 02:05	29°♐55'28	0°25'50
max. Earth dist.	-1064 Dec	29 j 17:13	29°♐50'11	6.05693 AU
	-1064 Dec	30 j 09:43	0°♑	
morning rise	-1063 Jan	12 j 00:14	2°♑59'42	
retrograde	-1063 May	22 j 12:49	22°♑55'36	
opposition	-1063 Jul	22 j 01:16	17°♑56'31	-1°08'46
min. Earth dist.	-1063 Jul	21 j 19:45	17°♑58'20	4.01353 AU
direct	-1063 Sep	18 j 22:07	13°♑03'16	
	-1062 Jan	11 j 10:36	0°♒	
evening set	-1062 Jan	21 j 16:55	2°♒26'07	
conjunction	-1062 Feb	03 j 19:32	5°♒35'01	-1°01'12
minimum elong	-1062 Feb	03 j 19:29	5°♒35'00	1°01'12
max. Earth dist.	-1062 Feb	04 j 17:00	5°♒47'56	5.98675 AU
morning rise	-1062 Feb	17 j 01:12	8°♒45'38	
	-1062 Mar	15 j 21:31	15°♒	
retrograde	-1062 Jun	29 j 09:03	29°♒15'12	
min. Earth dist.	-1062 Aug	27 j 10:19	24°♒20'04	3.98059 AU
opposition	-1062 Aug	28 j 09:27	24°♒12'17	-1°46'43
direct	-1062 Oct	25 j 11:05	19°♒18'07	
	-1061 Jan	19 j 19:47	0°♓	
evening set	-1061 Feb	27 j 15:27	8°♓49'04	
conjunction	-1061 Mar	13 j 01:51	12°♓01'07	-1°13'34
minimum elong	-1061 Mar	13 j 01:52	12°♓01'08	1°13'33
max. Earth dist.	-1061 Mar	14 j 23:30	12°♓28'21	5.99297 AU
morning rise	-1061 Mar	26 j 15:17	15°♓14'42	
	-1061 Jun	05 j 00:07	0°♈	
retrograde	-1061 Aug	05 j 06:53	5°♈32'44	
opposition	-1061 Oct	03 j 22:27	0°♈27'39	-1°42'58
min. Earth dist.	-1061 Oct	02 j 14:06	0°♈38'40	4.02649 AU
	-1061 Oct	07 j 07:44	30°℞♓	
direct	-1061 Nov	30 j 22:34	25°♓30'52	
	-1060 Jan	23 j 10:53	0°♈	
evening set	-1060 Apr	04 j 21:46	14°♈47'29	
conjunction	-1060 Apr	18 j 14:28	17°♈58'44	-0°57'46
minimum elong	-1060 Apr	18 j 14:32	17°♈58'46	0°57'45
max. Earth dist.	-1060 Apr	20 j 16:44	18°♈28'01	6.07354 AU
morning rise	-1060 May	02 j 09:14	21°♈10'46	
	-1060 Jun	11 j 11:44	0°♉	
retrograde	-1060 Sep	08 j 04:48	10°♉37'56	
opposition	-1060 Nov	06 j 17:44	5°♉33'23	-1°01'19
min. Earth dist.	-1060 Nov	05 j 12:27	5°♉43'22	4.13238 AU
direct	-1059 Jan	04 j 13:41	0°♉33'28	
	-1059 Apr	21 j 14:36	15°♉	
evening set	-1059 May	11 j 06:15	19°♉20'58	
conjunction	-1059 May	25 j 00:53	22°♉27'39	-0°21'48
minimum elong	-1059 May	25 j 00:55	22°♉27'40	0°21'48
max. Earth dist.	-1059 May	26 j 15:13	22°♉49'19	6.19636 AU
morning rise	-1059 Jun	07 j 19:09	25°♉33'56	
	-1059 Jun	27 j 22:38	0°♊	
retrograde	-1059 Oct	11 j 01:42	13°♊56'22	
opposition	-1059 Dec	09 j 15:33	8°♊54'52	-0°01'19
min. Earth dist.	-1059 Dec	08 j 22:38	9°♊00'34	4.25948 AU
asc. node	-1059 Dec	18 j 03:05	7°♊46'59	
direct	-1058 Feb	07 j 18:17	3°♊52'40	
evening set	-1058 Jun	14 j 23:09	22°♊08'52	
conjunction	-1058 Jun	28 j 13:26	25°♊08'34	0°19'55
minimum elong	-1058 Jun	28 j 13:25	25°♊08'33	0°19'56
max. Earth dist.	-1058 Jun	29 j 02:10	25°♊15'35	6.31835 AU
morning rise	-1058 Jul	12 j 01:50	28°♊07'07	
	-1058 Jul	20 j 17:19	0°♋	
retrograde	-1058 Nov	11 j 06:40	15°♋35'17	

Attention, astronomical year style is used: The year -1057 in astronomical counting style is the year 1058 BCE in historical counting style.

opposition	-1057 Jan 10 j 03:12	10°♋37'39	0°55'53
min. Earth dist.	-1057 Jan 10 j 02:52	10°♋37'45	4.36705 AU
direct	-1057 Mar 12 j 13:09	5°♋34'21	
evening set	-1057 Jul 17 j 21:17	23°♋26'42	
conjunction	-1057 Jul 31 j 03:44	26°♋19'39	0°54'16
minimum elong	-1057 Jul 31 j 03:41	26°♋19'37	0°54'17
max. Earth dist.	-1057 Jul 30 j 15:28	26°♋12'58	6.40329 AU
morning rise	-1057 Aug 13 j 06:59	29°♋11'00	
	-1057 Aug 17 j 01:50	0°♌	
	-1057 Nov 14 j 20:21	15°♌	
retrograde	-1057 Dec 11 j 17:01	16°♌07'46	
	-1056 Jan 07 j 13:33	15°℞♌	
opposition	-1056 Feb 09 j 22:47	11°♌13'34	1°35'19
min. Earth dist.	-1056 Feb 10 j 14:46	11°♌08'23	4.42479 AU
direct	-1056 Apr 12 j 07:31	6°♌10'33	
	-1056 Jul 04 j 20:30	15°♌	
evening set	-1056 Aug 17 j 10:16	23°♌51'32	
max. Earth dist.	-1056 Aug 28 j 21:25	26°♌21'02	6.42826 AU
conjunction	-1056 Aug 30 j 08:13	26°♌40'00	1°12'49
minimum elong	-1056 Aug 30 j 08:12	26°♌39'59	1°12'48
morning rise	-1056 Sep 12 j 03:19	29°♌27'04	
	-1056 Sep 14 j 16:13	0°♍	
retrograde	-1055 Jan 10 j 08:32	16°♍19'25	
opposition	-1055 Mar 11 j 22:54	11°♍27'17	1°48'31
min. Earth dist.	-1055 Mar 13 j 04:23	11°♍17'51	4.41670 AU
direct	-1055 May 13 j 17:37	6°♍25'35	
evening set	-1055 Sep 17 j 05:46	24°♍09'30	
max. Earth dist.	-1055 Sep 28 j 00:42	26°♍32'08	6.38669 AU
conjunction	-1055 Sep 29 j 22:05	26°♍57'13	1°11'21
minimum elong	-1055 Sep 29 j 22:06	26°♍57'13	1°11'21
morning rise	-1055 Oct 12 j 12:00	29°♍43'56	
	-1055 Oct 13 j 17:16	0°♎	
retrograde	-1054 Feb 11 j 00:06	16°♎58'55	
opposition	-1054 Apr 12 j 22:47	12°♎07'11	1°32'00
min. Earth dist.	-1054 Apr 14 j 08:21	11°♎56'31	4.34430 AU
direct	-1054 Jun 14 j 08:50	7°♎07'45	
evening set	-1054 Oct 18 j 04:23	25°♎08'24	
max. Earth dist.	-1054 Oct 28 j 21:46	27°♎33'43	6.28885 AU
conjunction	-1054 Oct 30 j 18:39	27°♎59'09	0°49'35
minimum elong	-1054 Oct 30 j 18:41	27°♎59'11	0°49'34
	-1054 Nov 08 j 15:58	0°♏	
morning rise	-1054 Nov 12 j 08:00	0°♏49'40	
	-1053 Jan 24 j 04:25	15°♏	
retrograde	-1053 Mar 16 j 14:11	18°♏51'19	
	-1053 May 08 j 10:54	15°℞♏	
opposition	-1053 May 16 j 13:45	13°♏58'21	0°47'33
min. Earth dist.	-1053 May 17 j 19:16	13°♏48'55	4.22617 AU
direct	-1053 Jul 17 j 01:47	9°♏01'35	
	-1053 Sep 19 j 21:06	15°♏	
evening set	-1053 Nov 19 j 03:35	27°♏30'13	
	-1053 Nov 29 j 21:22	0°♐	
conjunction	-1053 Dec 01 j 19:40	0°♐26'59	0°11'55
minimum elong	-1053 Dec 01 j 19:41	0°♐27'00	0°11'54
behind sun begin	-1053 Dec 01 j 14:03	0°♐23'43	
behind sun end	-1053 Dec 02 j 01:19	0°♐30'16	
max. Earth dist.	-1053 Nov 30 j 12:05	0°♐08'35	6.16083 AU
morning rise	-1053 Dec 14 j 12:26	3°♐24'22	
desc. node	-1052 Mar 19 j 18:02	20°♐57'03	
retrograde	-1052 Apr 20 j 05:24	22°♐28'14	
opposition	-1052 Jun 20 j 01:33	17°♐32'29	-0°15'09
min. Earth dist.	-1052 Jun 20 j 14:51	17°♐28'11	4.09725 AU
direct	-1052 Aug 19 j 02:56	12°♐38'11	
	-1052 Dec 14 j 20:32	0°♑	
evening set	-1052 Dec 21 j 21:12	1°♑39'22	
conjunction	-1051 Jan 03 j 18:00	4°♑43'14	-0°31'22
minimum elong	-1051 Jan 03 j 17:58	4°♑43'13	0°31'23
max. Earth dist.	-1051 Jan 03 j 12:23	4°♑39'53	6.04294 AU
morning rise	-1051 Jan 16 j 16:59	7°♑48'28	
retrograde	-1051 May 27 j 15:31	27°♑51'46	
opposition	-1051 Jul 27 j 01:21	22°♑52'10	-1°15'48
min. Earth dist.	-1051 Jul 26 j 18:36	22°♑54'23	4.00174 AU
direct	-1051 Sep 23 j 19:26	17°♑58'51	
	-1051 Dec 25 j 11:55	0°♒	
evening set	-1050 Jan 26 j 14:45	7°♒25'34	
conjunction	-1050 Feb 08 j 18:31	10°♒35'22	-1°04'25
minimum elong	-1050 Feb 08 j 18:28	10°♒35'20	1°04'26
max. Earth dist.	-1050 Feb 09 j 19:28	10°♒50'23	5.97826 AU
morning rise	-1050 Feb 22 j 01:23	13°♒46'53	
	-1050 Feb 27 j 04:13	15°♒	
	-1050 May 11 j 18:49	0°♓	
retrograde	-1050 Jul 04 j 12:45	4°♓19'54	
	-1050 Aug 28 j 01:30	30°℞♒	
min. Earth dist.	-1050 Sep 01 j 09:35	29°♒25'03	3.97672 AU
opposition	-1050 Sep 02 j 10:35	29°♒16'37	-1°48'47
direct	-1050 Oct 30 j 09:17	24°♒22'13	
	-1050 Dec 29 j 10:49	0°♓	
evening set	-1049 Mar 04 j 18:22	13°♓54'55	
conjunction	-1049 Mar 18 j 05:47	17°♓07'25	-1°12'57
minimum elong	-1049 Mar 18 j 05:47	17°♓07'26	1°12'57
max. Earth dist.	-1049 Mar 20 j 03:59	17°♓34'58	5.99390 AU
morning rise	-1049 Mar 31 j 20:24	20°♓21'27	
	-1049 May 13 j 21:34	0°♈	
retrograde	-1049 Aug 10 j 06:05	10°♈37'04	
opposition	-1049 Oct 08 j 21:05	5°♈31'50	-1°39'04
min. Earth dist.	-1049 Oct 07 j 12:06	5°♈43'06	4.03214 AU
direct	-1049 Dec 05 j 22:07	0°♈34'38	
evening set	-1048 Apr 10 j 01:32	19°♈50'08	
conjunction	-1048 Apr 23 j 19:07	23°♈01'19	-0°53'35
minimum elong	-1048 Apr 23 j 19:10	23°♈01'21	0°53'34
max. Earth dist.	-1048 Apr 25 j 22:29	23°♈31'09	6.08368 AU
morning rise	-1048 May 07 j 14:08	26°♈13'02	
	-1048 May 24 j 06:12	0°♉	
	-1048 Aug 25 j 15:12	15°♉	
retrograde	-1048 Sep 13 j 00:33	15°♉33'13	
	-1048 Oct 01 j 04:46	15°℞♉	
min. Earth dist.	-1048 Nov 10 j 07:36	10°♉38'32	4.14568 AU
opposition	-1048 Nov 11 j 11:45	10°♉28'58	-0°53'23
direct	-1047 Jan 09 j 11:22	5°♉28'41	
	-1047 Apr 02 j 23:18	15°♉	
evening set	-1047 May 16 j 06:47	24°♉12'54	
conjunction	-1047 May 30 j 01:07	27°♉18'49	-0°15'53
minimum elong	-1047 May 30 j 01:08	27°♉18'49	0°15'52
max. Earth dist.	-1047 May 31 j 12:45	27°♉38'53	6.21168 AU
	-1047 Jun 10 j 23:43	0°♊	
morning rise	-1047 Jun 12 j 19:03	0°♊24'15	
retrograde	-1047 Oct 15 j 13:27	18°♊38'40	
asc. node	-1047 Oct 27 j 02:59	18°♊25'22	
opposition	-1047 Dec 14 j 04:36	13°♊37'35	0°07'26
min. Earth dist.	-1047 Dec 13 j 12:59	13°♊42'50	4.27526 AU
direct	-1046 Feb 12 j 11:26	8°♊35'06	
evening set	-1046 Jun 19 j 17:43	26°♊47'27	
conjunction	-1046 Jul 03 j 07:06	29°♊46'09	0°25'30
minimum elong	-1046 Jul 03 j 07:04	29°♊46'08	0°25'30

Attention, astronomical year style is used: The year -1046 in astronomical counting style is the year 1047 BCE in historical counting style.

max. Earth dist.	-1046 Jul 03 j 17:32	29°♊51'53	6.33324 AU	
	-1046 Jul 04 j 08:16	0°♋		
morning rise	-1046 Jul 16 j 18:11	2°♋43'32		
retrograde	-1046 Nov 15 j 15:25	20°♋05'30		
opposition	-1045 Jan 14 j 12:40	15°♋08'23	1°02'49	
min. Earth dist.	-1045 Jan 14 j 14:33	15°♋07'46	4.37961 AU	
direct	-1045 Mar 17 j 02:47	10°♋05'03		
evening set	-1045 Jul 22 j 10:11	27°♋54'30		
	-1045 Aug 01 j 01:41	0°♌		
conjunction	-1045 Aug 04 j 15:14	0°♌46'32	0°57'59	
minimum elong	-1045 Aug 04 j 15:11	0°♌46'31	0°58'00	
max. Earth dist.	-1045 Aug 03 j 22:33	0°♌37'27	6.41206 AU	
morning rise	-1045 Aug 17 j 17:20	3°♌37'02		
	-1045 Oct 14 j 21:24	15°♌		
retrograde	-1045 Dec 16 j 00:11	20°♌31'00		
opposition	-1044 Feb 14 j 07:00	15°♌37'09	1°38'53	
min. Earth dist.	-1044 Feb 15 j 01:29	15°♌31'10	4.42926 AU	
	-1044 Feb 19 j 01:57	15℞♌		
direct	-1044 Apr 16 j 18:19	10°♌34'11		
	-1044 Jun 12 j 17:39	15°♌		
evening set	-1044 Aug 21 j 18:58	28°♌14'16		
	-1044 Aug 29 j 21:43	0°♍		
max. Earth dist.	-1044 Sep 02 j 04:15	0°♍42'49	6.42783 AU	
conjunction	-1044 Sep 03 j 16:03	1°♍02'21	1°13'51	
minimum elong	-1044 Sep 03 j 16:02	1°♍02'21	1°13'51	
morning rise	-1044 Sep 16 j 10:01	3°♍49'01		
retrograde	-1043 Jan 14 j 16:12	20°♍42'30		
opposition	-1043 Mar 16 j 08:46	15°♍50'34	1°47'58	
min. Earth dist.	-1043 Mar 17 j 14:53	15°♍40'57	4.41140 AU	
direct	-1043 May 18 j 02:35	10°♍49'09		
evening set	-1043 Sep 21 j 13:17	28°♍34'19		
	-1043 Sep 28 j 00:39	0°♎		
max. Earth dist.	-1043 Oct 02 j 05:44	0°♎56'00	6.37674 AU	
conjunction	-1043 Oct 04 j 04:55	1°♎22'10	1°09'27	
minimum elong	-1043 Oct 04 j 04:57	1°♎22'11	1°09'27	
morning rise	-1043 Oct 16 j 18:36	4°♎09'10		
retrograde	-1042 Feb 15 j 15:21	21°♎29'11		
opposition	-1042 Apr 17 j 13:14	16°♎37'25	1°27'18	
min. Earth dist.	-1042 Apr 18 j 23:52	16°♎26'24	4.33008 AU	
direct	-1042 Jun 18 j 21:52	11°♎38'18		
evening set	-1042 Oct 22 j 13:56	29°♎42'22		
	-1042 Oct 23 j 21:11	0°♏		
max. Earth dist.	-1042 Nov 02 j 08:15	2°♏08'46	6.27160 AU	
conjunction	-1042 Nov 04 j 04:21	2°♏33'51	0°45'04	
minimum elong	-1042 Nov 04 j 04:24	2°♏33'52	0°45'03	
morning rise	-1042 Nov 16 j 17:56	5°♏25'11		
	-1042 Dec 31 j 20:22	15°♏		
retrograde	-1041 Mar 21 j 10:06	23°♏35'02		
opposition	-1041 May 21 j 10:12	18°♏41'46	0°39'28	
min. Earth dist.	-1041 May 22 j 13:27	18°♏33'03	4.20701 AU	
	-1041 Jun 23 j 04:20	15℞♏		
direct	-1041 Jul 21 j 16:25	13°♏45'25		
	-1041 Aug 19 j 02:13	15°♏		
	-1041 Nov 13 j 16:59	0°♐		
evening set	-1041 Nov 23 j 18:35	2°♐19'01		
max. Earth dist.	-1041 Dec 05 j 06:31	5°♐00'04	6.14150 AU	
conjunction	-1041 Dec 06 j 11:09	5°♐16'49	0°05'51	
minimum elong	-1041 Dec 06 j 11:09	5°♐16'49	0°05'50	
behind sun begin	-1041 Dec 06 j 03:29	5°♐12'22		
behind sun end	-1041 Dec 06 j 18:48	5°♐21'17		
morning rise	-1041 Dec 19 j 04:38	8°♐15'21		
desc. node	-1040 Jan 28 j 07:28	17°♐07'52		
retrograde	-1040 Apr 25 j 10:30	27°♐28'49		
opposition	-1040 Jun 25 j 04:42	22°♐32'35	-0°24'25	
min. Earth dist.	-1040 Jun 25 j 16:06	22°♐28'53	4.07924 AU	
direct	-1040 Aug 24 j 02:07	17°♐38'31		
	-1040 Nov 27 j 11:32	0°♑		
evening set	-1040 Dec 26 j 19:18	6°♑44'43		
conjunction	-1039 Jan 08 j 17:04	9°♑49'39	-0°37'03	
minimum elong	-1039 Jan 08 j 17:01	9°♑49'38	0°37'03	
max. Earth dist.	-1039 Jan 08 j 15:49	9°♑48'55	6.02807 AU	
morning rise	-1039 Jan 21 j 17:07	12°♑56'01		
	-1039 Apr 17 j 17:08	0°♒		
retrograde	-1039 Jun 02 j 00:33	3°♒06'30		
	-1039 Jul 17 j 16:34	30℞♑		
opposition	-1039 Aug 01 j 08:23	28°♑06'26	-1°22'41	
min. Earth dist.	-1039 Jul 31 j 22:15	28°♑09'47	3.99201 AU	
direct	-1039 Sep 28 j 21:57	23°♑13'10		
	-1039 Dec 04 j 16:04	0°♒		
evening set	-1038 Jan 31 j 19:46	12°♒42'39		
	-1038 Feb 10 j 08:23	15°♒		
conjunction	-1038 Feb 14 j 00:29	15°♒53'04	-1°07'20	
minimum elong	-1038 Feb 14 j 00:27	15°♒53'03	1°07'20	
max. Earth dist.	-1038 Feb 15 j 04:32	16°♒09'57	5.97453 AU	
morning rise	-1038 Feb 27 j 08:35	19°♒05'15		
	-1038 Apr 17 j 02:37	0°♓		
retrograde	-1038 Jul 09 j 19:01	9°♓39'00		
opposition	-1038 Sep 07 j 16:36	4°♓35'16	-1°50'04	
min. Earth dist.	-1038 Sep 06 j 13:10	4°♓44'32	3.97981 AU	
	-1038 Oct 21 j 22:43	30℞♒		
direct	-1038 Nov 04 j 14:22	29°♒40'32		
	-1038 Nov 18 j 06:53	0°♓		
evening set	-1037 Mar 10 j 01:52	19°♓11'57		
conjunction	-1037 Mar 23 j 14:28	22°♓24'30	-1°11'47	
minimum elong	-1037 Mar 23 j 14:30	22°♓24'31	1°11'47	
max. Earth dist.	-1037 Mar 25 j 16:28	22°♓54'12	6.00372 AU	
morning rise	-1037 Apr 06 j 05:47	25°♓38'23		
	-1037 Apr 25 j 01:38	0°♈		
retrograde	-1037 Aug 15 j 08:11	15°♈47'12		
opposition	-1037 Oct 13 j 21:35	10°♈41'55	-1°34'21	
min. Earth dist.	-1037 Oct 12 j 12:52	10°♈53'05	4.04753 AU	
direct	-1037 Dec 11 j 01:48	5°♈44'16		
evening set	-1036 Apr 15 j 06:10	24°♈54'47		
conjunction	-1036 Apr 29 j 00:03	28°♈05'14	-0°49'03	
minimum elong	-1036 Apr 29 j 00:07	28°♈05'16	0°49'02	
max. Earth dist.	-1036 May 01 j 02:16	28°♈34'15	6.10313 AU	
	-1036 May 07 j 06:52	0°♉		
morning rise	-1036 May 12 j 19:22	1°♉16'08		
	-1036 Jul 19 j 00:40	15°♉		
retrograde	-1036 Sep 17 j 15:34	20°♉25'47		
min. Earth dist.	-1036 Nov 15 j 00:51	15°♉31'11	4.16707 AU	
opposition	-1036 Nov 16 j 04:26	15°♉21'48	-0°45'13	
	-1036 Nov 18 j 20:35	15℞♉		
direct	-1035 Jan 14 j 07:57	10°♉21'05		
	-1035 Mar 11 j 06:54	15°♉		
evening set	-1035 May 21 j 04:51	28°♉59'15		
	-1035 May 25 j 17:36	0°♊		
conjunction	-1035 Jun 03 j 22:44	2°♊04'01	-0°10'01	
minimum elong	-1035 Jun 03 j 22:45	2°♊04'02	0°09'59	
behind sun begin	-1035 Jun 03 j 16:06	2°♊00'19		
behind sun end	-1035 Jun 04 j 05:24	2°♊07'45		
max. Earth dist.	-1035 Jun 05 j 06:57	2°♊22'06	6.23331 AU	
morning rise	-1035 Jun 17 j 15:52	5°♊08'10		
asc. node	-1035 Sep 06 j 07:33	20°♊17'26		

Attention, astronomical year style is used: The year -1035 in astronomical counting style is the year 1036 BCE in historical counting style.

retrograde	-1035 Oct 19 j 23:35	23°♊12'56		
opposition	-1035 Dec 18 j 14:40	18°♊12'23	0°15'50	
min. Earth dist.	-1035 Dec 18 j 02:14	18°♊16'33	4.29507 AU	
direct	-1034 Feb 17 j 03:13	13°♊09'38		
	-1034 Jun 18 j 10:32	0°♋		
evening set	-1034 Jun 24 j 08:35	1°♋17'05		
conjunction	-1034 Jul 07 j 20:54	4°♋14'39	0°30'44	
minimum elong	-1034 Jul 07 j 20:52	4°♋14'38	0°30'45	
max. Earth dist.	-1034 Jul 08 j 02:58	4°♋17'58	6.34955 AU	
morning rise	-1034 Jul 21 j 06:48	7°♋10'52		
retrograde	-1034 Nov 19 j 19:24	24°♋26'43		
opposition	-1033 Jan 18 j 18:47	19°♋30'04	1°09'09	
min. Earth dist.	-1033 Jan 18 j 23:01	19°♋28'40	4.39150 AU	
direct	-1033 Mar 21 j 12:00	14°♋26'38		
	-1033 Jul 16 j 09:20	0°♌		
evening set	-1033 Jul 26 j 19:17	2°♌13'38		
conjunction	-1033 Aug 08 j 23:13	5°♌04'55	1°01'16	
minimum elong	-1033 Aug 08 j 23:11	5°♌04'54	1°01'17	
max. Earth dist.	-1033 Aug 08 j 03:28	4°♌54'11	6.41851 AU	
morning rise	-1033 Aug 21 j 24:00	7°♌54'40		
	-1033 Sep 25 j 04:49	15°♌		
retrograde	-1033 Dec 20 j 05:04	24°♌47'00		
opposition	-1032 Feb 18 j 12:56	19°♌53'32	1°41'50	
min. Earth dist.	-1032 Feb 19 j 09:53	19°♌46'46	4.43000 AU	
	-1032 Apr 10 j 22:57	15°℞♌		
direct	-1032 Apr 21 j 02:02	14°♌50'44		
	-1032 May 01 j 06:14	15°♌		
	-1032 Aug 14 j 07:27	0°♍		
evening set	-1032 Aug 26 j 01:17	2°♍31'06		
max. Earth dist.	-1032 Sep 06 j 05:26	4°♍57'10	6.42252 AU	
conjunction	-1032 Sep 07 j 21:21	5°♍19'00	1°14'28	
minimum elong	-1032 Sep 07 j 21:21	5°♍18'59	1°14'28	
morning rise	-1032 Sep 20 j 14:40	8°♍05'35		
retrograde	-1031 Jan 19 j 01:36	25°♍02'01		
opposition	-1031 Mar 20 j 17:54	20°♍10'13	1°46'53	
min. Earth dist.	-1031 Mar 22 j 01:47	20°♍00'01	4.40052 AU	
direct	-1031 May 22 j 11:13	15°♍09'01		
	-1031 Sep 12 j 06:41	0°♎		
evening set	-1031 Sep 25 j 20:07	2°♎57'15		
max. Earth dist.	-1031 Oct 06 j 12:45	5°♎19'32	6.36113 AU	
conjunction	-1031 Oct 08 j 11:34	5°♎45'36	1°07'11	
minimum elong	-1031 Oct 08 j 11:36	5°♎45'37	1°07'10	
morning rise	-1031 Oct 21 j 00:54	8°♎33'07		
retrograde	-1030 Feb 20 j 05:43	26°♎00'08		
opposition	-1030 Apr 22 j 04:21	21°♎08'17	1°22'05	
min. Earth dist.	-1030 Apr 23 j 14:13	20°♎57'31	4.31075 AU	
direct	-1030 Jun 23 j 08:37	16°♎09'36		
	-1030 Oct 07 j 14:42	0°♏		
evening set	-1030 Oct 27 j 00:45	4°♏18'46		
max. Earth dist.	-1030 Nov 06 j 20:00	6°♏46'28	6.25014 AU	
conjunction	-1030 Nov 08 j 15:13	7°♏11'11	0°40'14	
minimum elong	-1030 Nov 08 j 15:15	7°♏11'12	0°40'14	
morning rise	-1030 Nov 21 j 05:19	10°♏03'37		
	-1030 Dec 13 j 09:56	15°♏		
retrograde	-1029 Mar 26 j 11:06	28°♏23'22		
opposition	-1029 May 26 j 09:19	23°♏29'47	0°31'00	
min. Earth dist.	-1029 May 27 j 11:06	23°♏21'31	4.18483 AU	
direct	-1029 Jul 26 j 11:28	18°♏33'49		
	-1029 Oct 27 j 06:52	0°♐		
evening set	-1029 Nov 28 j 11:49	7°♐13'17		
desc. node	-1029 Dec 07 j 09:51	9°♐18'37		
max. Earth dist.	-1029 Dec 10 j 04:48	9°♐57'59	6.12078 AU	

conjunction	-1029 Dec 11 j 05:08	10°♐12'17	-0°00'26	
minimum elong	-1029 Dec 11 j 05:07	10°♐12'16	0°00'28	
behind sun begin	-1029 Dec 10 j 21:06	10°♐07'35		
behind sun end	-1029 Dec 11 j 13:08	10°♐16'57		
morning rise	-1029 Dec 23 j 23:24	13°♐12'04		
	-1028 Mar 20 j 07:19	0°♑		
retrograde	-1028 Apr 30 j 17:17	2°♑35'26		
	-1028 Jun 11 j 12:59	30°℞♐		
opposition	-1028 Jun 30 j 10:28	27°♐38'45	-0°33'41	
min. Earth dist.	-1028 Jun 30 j 18:12	27°♐36'14	4.06207 AU	
direct	-1028 Aug 29 j 02:08	22°♐45'00		
	-1028 Nov 07 j 05:55	0°♑		
evening set	-1028 Dec 31 j 20:18	11°♑55'45		
conjunction	-1027 Jan 13 j 18:48	15°♑01'36	-0°42'31	
minimum elong	-1027 Jan 13 j 18:46	15°♑01'34	0°42'32	
max. Earth dist.	-1027 Jan 13 j 21:42	15°♑03'19	6.01589 AU	
morning rise	-1027 Jan 26 j 20:01	18°♑08'59		
	-1027 Mar 21 j 15:23	0°♒		
retrograde	-1027 Jun 07 j 10:02	8°♒25'15		
opposition	-1027 Aug 06 j 16:47	3°♒24'32	-1°28'58	
min. Earth dist.	-1027 Aug 06 j 03:03	3°♒29'06	3.98627 AU	
	-1027 Sep 04 j 04:07	30°℞♑		
direct	-1027 Oct 04 j 03:11	28°♑31'11		
	-1027 Nov 02 j 21:40	0°♒		
	-1026 Jan 24 j 06:58	15°♒		
evening set	-1026 Feb 06 j 01:55	18°♒01'49		
conjunction	-1026 Feb 19 j 07:51	21°♒12'42	-1°09'43	
minimum elong	-1026 Feb 19 j 07:50	21°♒12'41	1°09'43	
max. Earth dist.	-1026 Feb 20 j 17:37	21°♒33'01	5.97556 AU	
morning rise	-1026 Mar 04 j 16:52	24°♒25'15		
	-1026 Mar 28 j 15:05	0°♓		
retrograde	-1026 Jul 15 j 02:37	14°♓57'23		
opposition	-1026 Sep 12 j 22:20	9°♓53'18	-1°50'24	
min. Earth dist.	-1026 Sep 11 j 17:53	10°♓02'56	3.98752 AU	
direct	-1026 Nov 09 j 20:12	4°♓58'16		
evening set	-1025 Mar 15 j 08:48	24°♓26'47		
conjunction	-1025 Mar 28 j 22:09	27°♓39'07	-1°10'03	
minimum elong	-1025 Mar 28 j 22:12	27°♓39'08	1°10'03	
max. Earth dist.	-1025 Mar 31 j 00:55	28°♓09'08	6.01692 AU	
	-1025 Apr 07 j 20:41	0°♈		
morning rise	-1025 Apr 11 j 14:23	0°♈52'43		
retrograde	-1025 Aug 20 j 06:18	20°♈53'36		
min. Earth dist.	-1025 Oct 17 j 10:54	15°♈59'45	4.06480 AU	
opposition	-1025 Oct 18 j 20:18	15°♈48'21	-1°28'58	
direct	-1025 Dec 16 j 02:33	10°♈50'16		
evening set	-1024 Apr 20 j 09:21	29°♈55'41		
	-1024 Apr 20 j 16:54	0°♉		
conjunction	-1024 May 04 j 03:32	3°♉05'23	-0°44'12	
minimum elong	-1024 May 04 j 03:36	3°♉05'25	0°44'12	
max. Earth dist.	-1024 May 06 j 03:34	3°♉33'01	6.12299 AU	
morning rise	-1024 May 17 j 22:49	6°♉15'22		
	-1024 Jun 27 j 05:50	15°♉		
retrograde	-1024 Sep 22 j 07:37	25°♉14'59		
opposition	-1024 Nov 20 j 19:44	20°♉11'25	-0°36'52	
min. Earth dist.	-1024 Nov 19 j 18:54	20°♉19'51	4.18738 AU	
direct	-1023 Jan 19 j 04:32	15°♉10'22		
	-1023 May 09 j 02:05	0°♊		
evening set	-1023 May 26 j 01:42	3°♊43'18		
conjunction	-1023 Jun 08 j 19:08	6°♊47'03	-0°04'08	
minimum elong	-1023 Jun 08 j 19:10	6°♊47'04	0°04'07	
behind sun begin	-1023 Jun 08 j 10:57	6°♊42'30		
behind sun end	-1023 Jun 09 j 03:22	6°♊51'38		

Attention, astronomical year style is used: The year -1023 in astronomical counting style is the year 1024 BCE in historical counting style.

max. Earth dist.	-1023 Jun 10 j 00:35	7°♊03'30	6.25257 AU
morning rise	-1023 Jun 22 j 11:28	9°♊50'03	
asc. node	-1023 Jul 17 j 07:10	15°♊11'59	
retrograde	-1023 Oct 24 j 07:03	27°♊46'27	
opposition	-1023 Dec 23 j 00:15	22°♊46'27	0°24'07
min. Earth dist.	-1023 Dec 22 j 13:25	22°♊50'04	4.31187 AU
direct	-1022 Feb 21 j 16:02	17°♊43'35	
	-1022 Jun 01 j 13:59	0°♋	
evening set	-1022 Jun 28 j 23:07	5°♋47'18	
conjunction	-1022 Jul 12 j 10:16	8°♋43'51	0°35'48
minimum elong	-1022 Jul 12 j 10:14	8°♋43'50	0°35'49
max. Earth dist.	-1022 Jul 12 j 11:42	8°♋44'38	6.36267 AU
morning rise	-1022 Jul 25 j 18:59	11°♋39'03	
retrograde	-1022 Nov 24 j 02:17	28°♋50'10	
opposition	-1021 Jan 23 j 01:52	23°♋54'03	1°15'09
min. Earth dist.	-1021 Jan 23 j 09:29	23°♋51'33	4.40021 AU
direct	-1021 Mar 25 j 23:14	18°♋50'40	
	-1021 Jun 29 j 11:05	0°♌	
evening set	-1021 Jul 31 j 05:09	6°♌36'05	
max. Earth dist.	-1021 Aug 12 j 08:24	9°♌13'59	6.42199 AU
conjunction	-1021 Aug 13 j 07:57	9°♌26'46	1°04'15
minimum elong	-1021 Aug 13 j 07:54	9°♌26'45	1°04'15
morning rise	-1021 Aug 26 j 07:35	12°♌15'55	
	-1021 Sep 08 j 02:33	15°♌	
retrograde	-1021 Dec 24 j 11:11	29°♌07'37	
opposition	-1020 Feb 22 j 20:24	24°♌14'27	1°44'17
min. Earth dist.	-1020 Feb 23 j 18:57	24°♌07'10	4.42841 AU
direct	-1020 Apr 25 j 10:15	19°♌11'46	
	-1020 Jul 28 j 08:31	0°♍	
evening set	-1020 Aug 30 j 08:59	6°♍52'59	
max. Earth dist.	-1020 Sep 10 j 11:34	9°♍18'29	6.41594 AU
conjunction	-1020 Sep 12 j 04:18	9°♍40'48	1°14'41
minimum elong	-1020 Sep 12 j 04:18	9°♍40'48	1°14'41
morning rise	-1020 Sep 24 j 20:45	12°♍27'20	
retrograde	-1019 Jan 23 j 11:52	29°♍27'05	
opposition	-1019 Mar 25 j 05:07	24°♍35'24	1°45'10
min. Earth dist.	-1019 Mar 26 j 14:01	24°♍24'55	4.38941 AU
direct	-1019 May 26 j 21:30	19°♍34'34	
	-1019 Aug 26 j 01:40	0°♎	
evening set	-1019 Sep 30 j 04:31	7°♎25'35	
max. Earth dist.	-1019 Oct 10 j 19:23	9°♎47'28	6.34635 AU
conjunction	-1019 Oct 12 j 19:31	10°♎14'22	1°04'28
minimum elong	-1019 Oct 12 j 19:33	10°♎14'23	1°04'27
morning rise	-1019 Oct 25 j 08:54	13°♎02'29	
	-1018 Feb 05 j 04:52	0°♏	
retrograde	-1018 Feb 24 j 23:11	0°♏36'16	
	-1018 Mar 16 j 17:31	30°℞♎	
opposition	-1018 Apr 26 j 21:38	25°♎44'15	1°16'16
min. Earth dist.	-1018 Apr 28 j 06:51	25°♎33'40	4.29325 AU
direct	-1018 Jun 27 j 23:06	20°♎45'57	
	-1018 Sep 19 j 13:50	0°♏	
evening set	-1018 Oct 31 j 12:42	8°♏59'17	
max. Earth dist.	-1018 Nov 11 j 11:45	11°♏29'43	6.23175 AU
conjunction	-1018 Nov 13 j 03:33	11°♏52'34	0°35'06
minimum elong	-1018 Nov 13 j 03:35	11°♏52'35	0°35'05
morning rise	-1018 Nov 25 j 17:55	14°♏45'55	
	-1018 Nov 26 j 18:36	15°♏	
	-1017 Feb 12 j 16:15	0°♐	
retrograde	-1017 Mar 31 j 10:32	3°♐14'15	
	-1017 May 18 j 03:37	30°℞♏	
opposition	-1017 May 31 j 09:05	28°♏20'20	0°22'15
min. Earth dist.	-1017 Jun 01 j 08:26	28°♏12'51	4.16702 AU
direct	-1017 Jul 31 j 06:33	23°♏24'48	
	-1017 Oct 07 j 00:40	0°♐	
desc. node	-1017 Oct 16 j 21:17	1°♐49'25	
evening set	-1017 Dec 03 j 05:38	12°♐08'26	
conjunction	-1017 Dec 15 j 23:21	15°♐08'18	-0°06'41
minimum elong	-1017 Dec 15 j 23:21	15°♐08'18	0°06'41
behind sun begin	-1017 Dec 15 j 15:50	15°♐03'53	
behind sun end	-1017 Dec 16 j 06:52	15°♐12'43	
max. Earth dist.	-1017 Dec 15 j 02:00	14°♐55'43	6.10522 AU
morning rise	-1017 Dec 28 j 18:35	18°♐09'09	
	-1016 Feb 21 j 17:42	0°♑	
retrograde	-1016 May 05 j 22:43	7°♑40'19	
opposition	-1016 Jul 05 j 15:12	2°♑43'01	-0°42'37
min. Earth dist.	-1016 Jul 05 j 19:19	2°♑41'41	4.05021 AU
	-1016 Jul 27 j 17:47	30°℞♐	
direct	-1016 Sep 03 j 02:44	27°♐49'25	
	-1016 Oct 09 j 22:19	0°♑	
evening set	-1015 Jan 05 j 19:47	17°♑02'45	
conjunction	-1015 Jan 18 j 19:19	20°♑09'18	-0°47'33
minimum elong	-1015 Jan 18 j 19:17	20°♑09'16	0°47'35
max. Earth dist.	-1015 Jan 19 j 04:17	20°♑14'41	6.00887 AU
morning rise	-1015 Jan 31 j 21:23	23°♑17'23	
	-1015 Mar 01 j 21:53	0°♒	
retrograde	-1015 Jun 12 j 17:25	13°♒37'05	
opposition	-1015 Aug 11 j 22:22	8°♒35'48	-1°34'20
min. Earth dist.	-1015 Aug 11 j 06:38	8°♒41'03	3.98505 AU
direct	-1015 Oct 09 j 06:31	3°♒42'20	
	-1014 Jan 06 j 10:31	15°♒	
evening set	-1014 Feb 11 j 05:22	23°♒12'35	
conjunction	-1014 Feb 24 j 12:09	26°♒23'39	-1°11'28
minimum elong	-1014 Feb 24 j 12:07	26°♒23'38	1°11'28
max. Earth dist.	-1014 Feb 26 j 00:04	26°♒45'13	5.97985 AU
morning rise	-1014 Mar 09 j 22:20	29°♒36'27	
	-1014 Mar 11 j 13:55	0°♓	
retrograde	-1014 Jul 20 j 03:40	20°♓05'27	
opposition	-1014 Sep 17 j 23:35	15°♓01'03	-1°49'49
min. Earth dist.	-1014 Sep 16 j 17:05	15°♓11'23	3.99707 AU
direct	-1014 Nov 14 j 21:12	10°♓05'37	
evening set	-1013 Mar 20 j 12:03	29°♓30'57	
	-1013 Mar 22 j 13:35	0°♈	
conjunction	-1013 Apr 03 j 02:18	2°♈43'01	-1°07'49
minimum elong	-1013 Apr 03 j 02:21	2°♈43'02	1°07'49
max. Earth dist.	-1013 Apr 05 j 05:07	3°♈12'59	6.03073 AU
morning rise	-1013 Apr 16 j 19:07	5°♈56'15	
retrograde	-1013 Aug 25 j 01:53	25°♈49'12	
min. Earth dist.	-1013 Oct 22 j 07:16	20°♈54'52	4.08111 AU
opposition	-1013 Oct 23 j 14:58	20°♈44'02	-1°23'07
direct	-1013 Dec 21 j 01:09	15°♈45'30	
	-1012 Apr 04 j 01:03	0°♉	
evening set	-1012 Apr 25 j 08:43	4°♉46'23	
conjunction	-1012 May 09 j 03:16	7°♉55'27	-0°39'12
minimum elong	-1012 May 09 j 03:19	7°♉55'29	0°39'11
max. Earth dist.	-1012 May 11 j 02:00	8°♉22'14	6.14053 AU
morning rise	-1012 May 22 j 22:27	11°♉04'38	
	-1012 Jun 09 j 11:30	15°♉	
retrograde	-1012 Sep 26 j 18:54	29°♉55'20	
min. Earth dist.	-1012 Nov 24 j 08:12	25°♉00'16	4.20446 AU
opposition	-1012 Nov 25 j 07:54	24°♉52'14	-0°28'33
direct	-1011 Jan 23 j 19:35	19°♉50'55	
	-1011 Apr 21 j 10:26	0°♊	
asc. node	-1011 May 28 j 08:04	7°♊46'53	
evening set	-1011 May 30 j 19:55	8°♊19'57	

Attention, astronomical year style is used: The year -1011 in astronomical counting style is the year 1012 BCE in historical counting style.

conjunction	-1011 Jun 13 j 12:41	11°♊22'48	0°01'45
minimum elong	-1011 Jun 13 j 12:40	11°♊22'48	0°01'46
behind sun begin	-1011 Jun 13 j 04:20	11°♊18'11	
behind sun end	-1011 Jun 13 j 21:00	11°♊27'25	
max. Earth dist.	-1011 Jun 14 j 12:50	11°♊36'16	6.26794 AU
morning rise	-1011 Jun 27 j 04:19	14°♊24'50	
	-1011 Sep 20 j 15:28	0°♋	
retrograde	-1011 Oct 28 j 15:16	2°♋14'33	
	-1011 Dec 05 j 11:17	30°℞♊	
opposition	-1011 Dec 27 j 08:16	27°♊15'08	0°32'02
min. Earth dist.	-1011 Dec 27 j 00:52	27°♊17'37	4.32444 AU
direct	-1010 Feb 26 j 05:00	22°♊12'08	
	-1010 May 13 j 21:19	0°♋	
evening set	-1010 Jul 03 j 12:14	10°♋13'35	
conjunction	-1010 Jul 16 j 22:30	13°♋09'24	0°40'34
minimum elong	-1010 Jul 16 j 22:28	13°♋09'22	0°40'36
max. Earth dist.	-1010 Jul 16 j 21:08	13°♋08'39	6.37157 AU
morning rise	-1010 Jul 30 j 05:55	16°♋03'43	
	-1010 Oct 13 j 06:07	0°♌	
retrograde	-1010 Nov 28 j 06:57	3°♌11'35	
	-1009 Jan 13 j 19:07	30°℞♋	
opposition	-1009 Jan 27 j 08:24	28°♋15'57	1°20'39
min. Earth dist.	-1009 Jan 27 j 17:20	28°♋13'02	4.40526 AU
direct	-1009 Mar 30 j 07:26	23°♋12'40	
	-1009 Jun 10 j 03:32	0°♌	
evening set	-1009 Aug 04 j 14:44	10°♌57'39	
conjunction	-1009 Aug 17 j 16:20	13°♌47'51	1°06'50
minimum elong	-1009 Aug 17 j 16:18	13°♌47'50	1°06'50
max. Earth dist.	-1009 Aug 16 j 13:44	13°♌33'22	6.42280 AU
	-1009 Aug 23 j 04:56	15°♌	
morning rise	-1009 Aug 30 j 14:56	16°♌36'32	
	-1009 Nov 10 j 08:11	0°♍	
retrograde	-1009 Dec 28 j 19:15	3°♍28'32	
	-1008 Feb 16 j 02:31	30°℞♌	
opposition	-1008 Feb 27 j 04:42	28°♌35'42	1°46'07
min. Earth dist.	-1008 Feb 28 j 05:35	28°♌27'41	4.42513 AU
direct	-1008 Apr 29 j 20:30	23°♌33'17	
	-1008 Jul 08 j 18:06	0°♍	
evening set	-1008 Sep 03 j 16:48	11°♍15'34	
max. Earth dist.	-1008 Sep 14 j 16:44	13°♍39'58	6.40869 AU
conjunction	-1008 Sep 16 j 11:21	14°♍03'22	1°14'27
minimum elong	-1008 Sep 16 j 11:21	14°♍03'22	1°14'27
morning rise	-1008 Sep 29 j 03:11	16°♍49'57	
	-1008 Dec 07 j 08:49	0°♎	
retrograde	-1007 Jan 27 j 22:24	3°♎53'14	
	-1007 Mar 22 j 00:24	30°℞♍	
opposition	-1007 Mar 29 j 17:02	29°♍01'34	1°42'49
min. Earth dist.	-1007 Mar 31 j 01:45	28°♍51'08	4.37877 AU
direct	-1007 May 31 j 07:42	24°♍01'04	
	-1007 Aug 05 j 21:57	0°♎	
evening set	-1007 Oct 04 j 13:01	11°♎54'30	
max. Earth dist.	-1007 Oct 15 j 05:40	14°♎17'49	6.33317 AU
conjunction	-1007 Oct 17 j 03:50	14°♎43'43	1°01'22
minimum elong	-1007 Oct 17 j 03:53	14°♎43'44	1°01'22
morning rise	-1007 Oct 29 j 16:58	17°♎32'18	
	-1007 Dec 31 j 06:26	0°♏	
retrograde	-1006 Mar 01 j 15:45	5°♏12'14	
opposition	-1006 May 01 j 14:47	0°♏20'04	1°09'56
min. Earth dist.	-1006 May 02 j 23:29	0°♏09'39	4.27811 AU
	-1006 May 04 j 05:51	30°℞♎	
direct	-1006 Jul 02 j 13:52	25°♎22'10	
	-1006 Aug 28 j 13:17	0°♏	
evening set	-1006 Nov 05 j 00:13	13°♏38'48	
	-1006 Nov 10 j 21:53	15°♏	
max. Earth dist.	-1006 Nov 16 j 00:03	16°♏10'19	6.21573 AU
conjunction	-1006 Nov 17 j 15:07	16°♏32'50	0°29'45
minimum elong	-1006 Nov 17 j 15:09	16°♏32'51	0°29'43
morning rise	-1006 Nov 30 j 06:06	19°♏27'05	
	-1005 Jan 18 j 18:34	0°♐	
retrograde	-1005 Apr 05 j 09:15	8°♐03'21	
opposition	-1005 Jun 05 j 07:55	3°♐08'59	0°13'21
min. Earth dist.	-1005 Jun 06 j 04:38	3°♐02'20	4.15105 AU
	-1005 Jul 01 j 23:11	30°℞♏	
direct	-1005 Aug 05 j 01:01	28°♏13'44	
desc. node	-1005 Aug 26 j 20:59	28°♏59'05	
	-1005 Sep 07 j 18:06	0°♐	
evening set	-1005 Dec 07 j 22:05	17°♐01'08	
conjunction	-1005 Dec 20 j 16:34	20°♐01'55	-0°12'46
minimum elong	-1005 Dec 20 j 16:33	20°♐01'54	0°12'47
behind sun begin	-1005 Dec 20 j 11:25	19°♐58'53	
behind sun end	-1005 Dec 20 j 21:42	20°♐04'56	
max. Earth dist.	-1005 Dec 20 j 00:03	19°♐52'09	6.09073 AU
morning rise	-1004 Jan 02 j 12:26	23°♐03'42	
	-1004 Feb 02 j 00:39	0°♑	
retrograde	-1004 May 11 j 04:20	12°♑42'26	
opposition	-1004 Jul 10 j 18:20	7°♑44'38	-0°51'11
min. Earth dist.	-1004 Jul 10 j 20:34	7°♑43'54	4.03855 AU
direct	-1004 Sep 08 j 01:57	2°♑51'10	
evening set	-1003 Jan 10 j 18:32	22°♑07'29	
conjunction	-1003 Jan 23 j 18:49	25°♑14'45	-0°52'14
minimum elong	-1003 Jan 23 j 18:47	25°♑14'43	0°52'14
max. Earth dist.	-1003 Jan 24 j 06:20	25°♑21'40	6.00089 AU
morning rise	-1003 Feb 05 j 22:06	28°♑23'40	
	-1003 Feb 12 j 16:23	0°♒	
	-1003 Apr 28 j 18:36	15°♒	
retrograde	-1003 Jun 17 j 21:28	18°♒47'09	
	-1003 Aug 07 j 16:36	15°℞♒	
min. Earth dist.	-1003 Aug 16 j 07:18	13°♒51'39	3.98189 AU
opposition	-1003 Aug 17 j 02:11	13°♒45'20	-1°39'00
direct	-1003 Oct 14 j 06:50	8°♒51'41	
	-1003 Dec 16 j 08:29	15°♒	
evening set	-1002 Feb 16 j 08:30	28°♒22'47	
	-1002 Feb 23 j 03:13	0°♓	
conjunction	-1002 Mar 01 j 16:26	1°♓34'16	-1°12'40
minimum elong	-1002 Mar 01 j 16:25	1°♓34'15	1°12'41
max. Earth dist.	-1002 Mar 03 j 07:22	1°♓57'36	5.98166 AU
morning rise	-1002 Mar 15 j 03:35	4°♓47'24	
retrograde	-1002 Jul 25 j 06:49	25°♓14'22	
min. Earth dist.	-1002 Sep 21 j 18:13	20°♓20'00	4.00355 AU
opposition	-1002 Sep 23 j 00:39	20°♓09'39	-1°48'28
direct	-1002 Nov 19 j 23:39	15°♓13'46	
	-1001 Mar 05 j 14:01	0°♈	
evening set	-1001 Mar 25 j 15:58	4°♈37'14	
conjunction	-1001 Apr 08 j 07:11	7°♈49'14	-1°05'05
minimum elong	-1001 Apr 08 j 07:13	7°♈49'16	1°05'05
max. Earth dist.	-1001 Apr 10 j 11:16	8°♈19'51	6.04125 AU
morning rise	-1001 Apr 22 j 00:40	11°♈02'16	
	-1001 Aug 07 j 16:19	0°♉	
retrograde	-1001 Aug 29 j 21:54	0°♉48'21	
	-1001 Sep 20 j 22:00	30°℞♈	
min. Earth dist.	-1001 Oct 27 j 02:55	25°♈54'07	4.09448 AU
opposition	-1001 Oct 28 j 10:33	25°♈43'19	-1°16'40
direct	-1001 Dec 25 j 22:06	20°♈44'22	
	-1000 Mar 16 j 07:08	0°♉	
evening set	-1000 Apr 30 j 10:10	9°♉41'52	

Attention, astronomical year style is used: The year -1000 in astronomical counting style is the year 1001 BCE in historical counting style.

conjunction	-1000 May 14 j 04:44	12°♉50'20	-0°33'50
minimum elong	-1000 May 14 j 04:46	12°♉50'21	0°33'49
max. Earth dist.	-1000 May 15 j 23:44	13°♉14'53	6.15560 AU
	-1000 May 23 j 16:16	15°♉	
morning rise	-1000 May 27 j 23:58	15°♉58'48	
	-1000 Aug 06 j 07:38	0°♊	
retrograde	-1000 Oct 01 j 08:46	4°♊41'23	
	-1000 Nov 27 j 07:04	30°℞♉	
opposition	-1000 Nov 29 j 22:01	29°♉38'42	-0°19'53
min. Earth dist.	-1000 Nov 29 j 00:41	29°♉45'55	4.21971 AU
direct	-999 Jan 28 j 14:41	24°♉37'02	
	-999 Mar 30 j 19:15	0°♊	
asc. node	-999 Apr 06 j 18:04	1°♊08'48	
evening set	-999 Jun 04 j 16:24	13°♊02'39	
conjunction	-999 Jun 18 j 08:43	16°♊04'40	0°07'40
minimum elong	-999 Jun 18 j 08:42	16°♊04'40	0°07'40
behind sun begin	-999 Jun 18 j 01:14	16°♊00'32	
behind sun end	-999 Jun 18 j 16:11	16°♊08'48	
max. Earth dist.	-999 Jun 19 j 07:06	16°♊17'06	6.28251 AU
morning rise	-999 Jul 01 j 23:18	19°♊05'40	
	-999 Aug 24 j 16:46	0°♋	
retrograde	-999 Nov 02 j 00:20	6°♋48'46	
opposition	-999 Dec 31 j 18:39	1°♋49'56	0°39'58
min. Earth dist.	-999 Dec 31 j 12:31	1°♋51'59	4.33743 AU
	-998 Jan 14 j 21:39	30°℞♊	
direct	-998 Mar 02 j 18:45	26°♊46'54	
	-998 Apr 19 j 01:00	0°♋	
evening set	-998 Jul 08 j 03:33	14°♋45'34	
conjunction	-998 Jul 21 j 12:29	17°♋40'26	0°45'14
minimum elong	-998 Jul 21 j 12:26	17°♋40'25	0°45'14
max. Earth dist.	-998 Jul 21 j 06:47	17°♋37'19	6.38221 AU
morning rise	-998 Aug 03 j 18:48	20°♋33'51	
	-998 Sep 19 j 07:17	0°♌	
retrograde	-998 Dec 02 j 15:16	7°♌37'44	
opposition	-997 Jan 31 j 17:18	2°♌42'34	1°25'49
min. Earth dist.	-997 Feb 01 j 04:56	2°♌38'47	4.41325 AU
	-997 Feb 22 j 16:57	30°℞♋	
direct	-997 Apr 03 j 20:42	27°♋39'20	
	-997 May 14 j 07:31	0°♌	
	-997 Aug 07 j 07:44	15°♌	
evening set	-997 Aug 09 j 01:20	15°♌22'25	
max. Earth dist.	-997 Aug 20 j 22:11	17°♌56'52	6.42764 AU
conjunction	-997 Aug 22 j 01:54	18°♌11'57	1°09'06
minimum elong	-997 Aug 22 j 01:53	18°♌11'56	1°09'07
morning rise	-997 Sep 03 j 23:12	20°♌59'57	
	-997 Oct 18 j 07:07	0°♍	
retrograde	-996 Jan 02 j 01:01	7°♍50'44	
opposition	-996 Mar 02 j 13:35	2°♍58'07	1°47'23
min. Earth dist.	-996 Mar 03 j 14:40	2°♍50'04	4.42682 AU
	-996 Mar 27 j 08:34	30°℞♌	
direct	-996 May 04 j 05:51	27°♌55'56	
	-996 Jun 11 j 07:38	0°♍	
evening set	-996 Sep 08 j 00:21	15°♍37'20	
max. Earth dist.	-996 Sep 18 j 22:48	18°♍01'05	6.40710 AU
conjunction	-996 Sep 20 j 17:59	18°♍24'50	1°13'50
minimum elong	-996 Sep 20 j 17:59	18°♍24'50	1°13'49
morning rise	-996 Oct 03 j 09:07	21°♍11'11	
	-996 Nov 15 j 04:02	0°♎	
retrograde	-995 Feb 01 j 08:26	8°♎16'08	
opposition	-995 Apr 03 j 04:08	3°♎24'30	1°39'52
min. Earth dist.	-995 Apr 04 j 14:05	3°♎13'42	4.37378 AU
	-995 May 02 j 17:16	30°℞♍	
direct	-995 Jun 04 j 19:36	28°♍24'19	
	-995 Jul 07 j 19:57	0°♎	
evening set	-995 Oct 08 j 19:22	16°♎18'06	
max. Earth dist.	-995 Oct 19 j 10:55	18°♎41'08	6.32512 AU
conjunction	-995 Oct 21 j 09:52	19°♎07'30	0°57'59
minimum elong	-995 Oct 21 j 09:54	19°♎07'31	0°57'59
morning rise	-995 Nov 02 j 22:59	21°♎56'24	
	-995 Dec 10 j 19:18	0°♏	
retrograde	-994 Mar 06 j 04:27	9°♏40'56	
opposition	-994 May 06 j 05:19	4°♏48'31	1°03'20
min. Earth dist.	-994 May 07 j 12:33	4°♏38'34	4.26727 AU
	-994 Jun 27 j 04:22	30°℞♎	
direct	-994 Jul 07 j 01:07	29°♎50'56	
	-994 Jul 16 j 22:00	0°♏	
	-994 Oct 26 j 09:07	15°♏	
evening set	-994 Nov 09 j 08:28	18°♏09'34	
max. Earth dist.	-994 Nov 20 j 11:21	20°♏43'13	6.20312 AU
conjunction	-994 Nov 21 j 23:41	21°♏04'12	0°24'23
minimum elong	-994 Nov 21 j 23:42	21°♏04'13	0°24'22
morning rise	-994 Dec 04 j 14:55	23°♏59'09	
	-994 Dec 31 j 13:03	0°♐	
retrograde	-993 Apr 10 j 05:25	12°♐42'18	
opposition	-993 Jun 10 j 02:49	7°♐47'37	0°04'40
min. Earth dist.	-993 Jun 10 j 22:53	7°♐41'09	4.13733 AU
desc. node	-993 Jul 08 j 20:18	4°♐26'22	
direct	-993 Aug 09 j 16:38	2°♐52'38	
evening set	-993 Dec 12 j 11:09	21°♐43'25	
conjunction	-993 Dec 25 j 06:09	24°♐45'02	-0°18'34
minimum elong	-993 Dec 25 j 06:07	24°♐45'01	0°18'35
max. Earth dist.	-993 Dec 24 j 14:43	24°♐35'53	6.07713 AU
morning rise	-992 Jan 07 j 03:01	27°♐47'49	
	-992 Jan 16 j 12:54	0°♑	
retrograde	-992 May 16 j 03:03	17°♑33'54	
opposition	-992 Jul 15 j 17:01	12°♑35'37	-0°59'05
min. Earth dist.	-992 Jul 15 j 16:12	12°♑35'53	4.02640 AU
direct	-992 Sep 12 j 19:21	7°♑42'13	
evening set	-991 Jan 15 j 13:48	27°♑02'18	
	-991 Jan 27 j 21:48	0°♒	
conjunction	-991 Jan 28 j 15:09	0°♒10'26	-0°56'21
minimum elong	-991 Jan 28 j 15:06	0°♒10'25	0°56'21
max. Earth dist.	-991 Jan 29 j 06:20	0°♒19'35	5.99132 AU
morning rise	-991 Feb 10 j 19:23	3°♒20'15	
	-991 Apr 04 j 09:52	15°♒	
retrograde	-991 Jun 23 j 00:58	23°♒48'28	
min. Earth dist.	-991 Aug 21 j 07:00	18°♒52'51	3.97601 AU
opposition	-991 Aug 22 j 02:42	18°♒46'15	-1°42'47
	-991 Sep 23 j 08:56	15°℞♒	
direct	-991 Oct 19 j 06:06	13°♒52'24	
	-991 Nov 14 j 00:17	15°♒	
	-990 Feb 06 j 20:10	0°♓	
evening set	-990 Feb 21 j 09:19	3°♓25'47	
conjunction	-990 Mar 06 j 18:26	6°♓37'53	-1°13'17
minimum elong	-990 Mar 06 j 18:26	6°♓37'53	1°13'17
max. Earth dist.	-990 Mar 08 j 12:17	7°♓02'57	5.98004 AU
morning rise	-990 Mar 20 j 06:43	9°♓51'36	
	-990 Jul 16 j 21:13	0°♈	
retrograde	-990 Jul 30 j 07:30	0°♈17'45	
	-990 Aug 12 j 15:08	30°℞♓	
opposition	-990 Sep 27 j 23:22	25°♓12'55	-1°46'19
min. Earth dist.	-990 Sep 26 j 15:44	25°♓23'41	4.00664 AU
direct	-990 Nov 24 j 21:16	20°♓16'43	
	-989 Feb 15 j 04:03	0°♈	
evening set	-989 Mar 30 j 19:07	9°♈39'56	

Attention, astronomical year style is used: The year -989 in astronomical counting style is the year 990 BCE in historical counting style.

conjunction	-989 Apr 13 j 11:05	12°♈52'00	-1°01'53
minimum elong	-989 Apr 13 j 11:08	12°♈52'02	1°01'53
max. Earth dist.	-989 Apr 15 j 14:01	13°♈21'52	6.04874 AU
morning rise	-989 Apr 27 j 05:23	16°♈05'01	
	-989 Jul 03 j 05:12	0°♉	
retrograde	-989 Sep 03 j 16:38	5°♉45'21	
min. Earth dist.	-989 Oct 31 j 22:10	0°♉51'03	4.10541 AU
opposition	-989 Nov 02 j 05:08	0°♉40'29	-1°09'44
	-989 Nov 07 j 04:06	30°℞♈	
direct	-989 Dec 30 j 19:49	25°♈41'06	
	-988 Feb 21 j 23:25	0°♉	
evening set	-988 May 05 j 11:01	14°♉36'06	
	-988 May 07 j 05:15	15°♉	
conjunction	-988 May 19 j 05:54	17°♉44'04	-0°28'16
minimum elong	-988 May 19 j 05:56	17°♉44'05	0°28'15
max. Earth dist.	-988 May 21 j 00:36	18°♉08'22	6.16934 AU
morning rise	-988 Jun 02 j 00:46	20°♉51'48	
	-988 Jul 14 j 19:50	0°♊	
retrograde	-988 Oct 05 j 22:54	9°♊26'38	
opposition	-988 Dec 04 j 11:54	4°♊24'25	-0°11'08
min. Earth dist.	-988 Dec 03 j 15:46	4°♊31'12	4.23471 AU
	-987 Jan 13 j 17:51	30°℞♉	
direct	-987 Feb 02 j 08:32	29°♉22'31	
asc. node	-987 Feb 14 j 01:44	29°♉35'46	
	-987 Feb 22 j 04:16	0°♊	
evening set	-987 Jun 09 j 12:24	17°♊44'30	
conjunction	-987 Jun 23 j 03:47	20°♊45'33	0°13'29
minimum elong	-987 Jun 23 j 03:46	20°♊45'32	0°13'30
behind sun begin	-987 Jun 22 j 23:21	20°♊43'06	
behind sun end	-987 Jun 23 j 08:11	20°♊47'58	
max. Earth dist.	-987 Jun 23 j 22:00	20°♊55'37	6.29741 AU
morning rise	-987 Jul 06 j 17:32	23°♊45'31	
	-987 Aug 05 j 01:07	0°♋	
retrograde	-987 Nov 06 j 09:10	11°♋21'53	
opposition	-986 Jan 05 j 04:34	6°♋23'30	0°47'37
min. Earth dist.	-986 Jan 05 j 00:49	6°♋24'45	4.35095 AU
direct	-986 Mar 07 j 09:35	1°♋20'16	
evening set	-986 Jul 12 j 17:38	19°♋15'47	
conjunction	-986 Jul 26 j 01:31	22°♋09'44	0°49'36
minimum elong	-986 Jul 26 j 01:29	22°♋09'42	0°49'37
max. Earth dist.	-986 Jul 25 j 18:04	22°♋05'40	6.39303 AU
morning rise	-986 Aug 08 j 06:20	25°♋02'07	
	-986 Aug 31 j 17:44	0°♌	
retrograde	-986 Dec 06 j 20:49	12°♌02'04	
opposition	-985 Feb 05 j 01:10	7°♌07'18	1°30'28
min. Earth dist.	-985 Feb 05 j 14:13	7°♌03'04	4.42052 AU
direct	-985 Apr 08 j 06:57	2°♌04'09	
	-985 Jul 21 j 21:03	15°♌	
evening set	-985 Aug 13 j 10:48	19°♌45'32	
max. Earth dist.	-985 Aug 25 j 02:31	22°♌17'18	6.43035 AU
conjunction	-985 Aug 26 j 10:04	22°♌34'28	1°10'59
minimum elong	-985 Aug 26 j 10:02	22°♌34'27	1°10'59
morning rise	-985 Sep 08 j 06:25	25°♌21'57	
	-985 Sep 30 j 03:44	0°♍	
retrograde	-984 Jan 06 j 09:28	12°♍12'33	
opposition	-984 Mar 06 j 22:31	7°♍20'09	1°48'06
min. Earth dist.	-984 Mar 08 j 02:12	7°♍11'17	4.42474 AU
direct	-984 May 08 j 16:59	2°♍18'08	
evening set	-984 Sep 12 j 07:23	19°♍59'54	
max. Earth dist.	-984 Sep 23 j 04:14	22°♍23'03	6.40015 AU
conjunction	-984 Sep 25 j 00:27	22°♍47'24	1°12'49
minimum elong	-984 Sep 25 j 00:28	22°♍47'25	1°12'49
morning rise	-984 Oct 07 j 14:57	25°♍33'48	
	-984 Oct 28 j 06:41	0°♎	
retrograde	-983 Feb 05 j 18:30	12°♎42'28	
opposition	-983 Apr 07 j 16:22	7°♎50'47	1°36'24
min. Earth dist.	-983 Apr 09 j 01:51	7°♎40'08	4.36239 AU
direct	-983 Jun 09 j 05:10	2°♎50'54	
evening set	-983 Oct 13 j 03:36	20°♎47'17	
max. Earth dist.	-983 Oct 23 j 19:44	23°♎11'10	6.31015 AU
conjunction	-983 Oct 25 j 17:54	23°♎37'12	0°54'12
minimum elong	-983 Oct 25 j 17:57	23°♎37'14	0°54'12
morning rise	-983 Nov 07 j 07:03	26°♎26'45	
	-983 Nov 23 j 08:44	0°♏	
retrograde	-982 Mar 10 j 23:41	14°♏18'25	
opposition	-982 May 10 j 23:22	9°♏25'48	0°56'10
min. Earth dist.	-982 May 12 j 06:46	9°♏15'47	4.24944 AU
direct	-982 Jul 11 j 16:31	4°♏28'32	
	-982 Oct 09 j 01:15	15°♏	
evening set	-982 Nov 13 j 20:49	22°♏51'33	
max. Earth dist.	-982 Nov 25 j 01:06	25°♏26'40	6.18398 AU
conjunction	-982 Nov 26 j 12:23	25°♏47'08	0°18'39
minimum elong	-982 Nov 26 j 12:24	25°♏47'09	0°18'39
morning rise	-982 Dec 09 j 04:21	28°♏43'11	
	-982 Dec 14 j 18:02	0°♐	
retrograde	-981 Apr 15 j 06:02	17°♐35'39	
desc. node	-981 May 18 j 15:59	15°♐54'28	
opposition	-981 Jun 15 j 03:21	12°♐40'29	-0°04'29
min. Earth dist.	-981 Jun 15 j 20:07	12°♐35'04	4.11841 AU
direct	-981 Aug 14 j 10:52	7°♐45'47	
evening set	-981 Dec 17 j 06:12	26°♐41'40	
conjunction	-981 Dec 30 j 02:01	29°♐44'21	-0°24'34
minimum elong	-981 Dec 30 j 01:59	29°♐44'20	0°24'35
max. Earth dist.	-981 Dec 29 j 15:10	29°♐37'54	6.06018 AU
	-981 Dec 31 j 04:19	0°♑	
morning rise	-980 Jan 11 j 23:45	2°♑48'16	
retrograde	-980 May 21 j 11:12	22°♑42'52	
opposition	-980 Jul 20 j 22:41	17°♑44'01	-1°07'03
min. Earth dist.	-980 Jul 20 j 19:48	17°♑44'58	4.01319 AU
direct	-980 Sep 17 j 21:41	12°♑50'42	
	-979 Jan 11 j 05:50	0°♒	
evening set	-979 Jan 20 j 16:13	2°♒14'34	
conjunction	-979 Feb 02 j 18:38	5°♒23'33	-1°00'18
minimum elong	-979 Feb 02 j 18:35	5°♒23'31	1°00'18
max. Earth dist.	-979 Feb 03 j 14:20	5°♒35'25	5.98316 AU
morning rise	-979 Feb 16 j 00:05	8°♒34'14	
	-979 Mar 15 j 15:58	15°♒	
retrograde	-979 Jun 28 j 09:19	29°♒05'39	
min. Earth dist.	-979 Aug 26 j 10:22	24°♒10'36	3.97446 AU
opposition	-979 Aug 27 j 09:03	24°♒02'59	-1°45'57
direct	-979 Oct 24 j 09:26	19°♒08'58	
	-978 Jan 19 j 10:39	0°♓	
evening set	-978 Feb 26 j 16:10	8°♓42'36	
conjunction	-978 Mar 12 j 02:17	11°♓54'56	-1°13'23
minimum elong	-978 Mar 12 j 02:17	11°♓54'57	1°13'22
max. Earth dist.	-978 Mar 13 j 22:05	12°♓21'08	5.98516 AU
morning rise	-978 Mar 25 j 15:41	15°♓08'52	
	-978 Jun 04 j 09:37	0°♈	
retrograde	-978 Aug 04 j 09:42	5°♈30'42	
min. Earth dist.	-978 Oct 01 j 16:58	0°♈36'46	4.01802 AU
opposition	-978 Oct 03 j 01:41	0°♈25'36	-1°43'16
	-978 Oct 06 j 04:53	30°℞♓	
direct	-978 Nov 30 j 00:58	25°♓28'58	
	-977 Jan 22 j 16:44	0°♈	

Attention, astronomical year style is used: The year -977 in astronomical counting style is the year 978 BCE in historical counting style.

evening set	-977 Apr 05 j 00:42	14°♈48'21	
conjunction	-977 Apr 18 j 17:30	18°♈00'00	-0°58'12
minimum elong	-977 Apr 18 j 17:34	18°♈00'02	0°58'11
max. Earth dist.	-977 Apr 20 j 22:17	18°♈30'48	6.06552 AU
morning rise	-977 May 02 j 12:03	21°♈12'21	
	-977 Jun 11 j 09:32	0°♉	
retrograde	-977 Sep 08 j 12:34	10°♉43'01	
min. Earth dist.	-977 Nov 05 j 18:23	5°♉48'33	4.12557 AU
opposition	-977 Nov 07 j 00:18	5°♉38'21	-1°02'17
direct	-976 Jan 04 j 19:14	0°♉38'35	
	-976 Apr 20 j 07:53	15°♉	
evening set	-976 May 10 j 11:15	19°♉27'35	
conjunction	-976 May 24 j 05:48	22°♉34'29	-0°22'35
minimum elong	-976 May 24 j 05:49	22°♉34'30	0°22'35
max. Earth dist.	-976 May 25 j 21:15	22°♉56'49	6.19107 AU
morning rise	-976 Jun 07 j 00:21	25°♉41'04	
	-976 Jun 26 j 14:01	0°♊	
retrograde	-976 Oct 10 j 08:45	14°♊05'35	
opposition	-976 Dec 08 j 23:34	9°♊03'48	-0°02'33
min. Earth dist.	-976 Dec 08 j 05:15	9°♊09'59	4.25594 AU
asc. node	-976 Dec 25 j 09:28	6°♊55'41	
direct	-975 Feb 07 j 01:04	4°♊01'35	
evening set	-975 Jun 14 j 05:09	22°♊18'05	
conjunction	-975 Jun 27 j 19:42	25°♊17'56	0°19'03
minimum elong	-975 Jun 27 j 19:41	25°♊17'56	0°19'04
max. Earth dist.	-975 Jun 28 j 10:44	25°♊26'14	6.31654 AU
morning rise	-975 Jul 11 j 08:12	28°♊16'36	
	-975 Jul 19 j 06:10	0°♋	
retrograde	-975 Nov 10 j 15:15	15°♋45'28	
opposition	-974 Jan 09 j 11:22	10°♋47'40	0°54'42
min. Earth dist.	-974 Jan 09 j 10:23	10°♋47'59	4.36645 AU
direct	-974 Mar 11 j 20:49	5°♋44'23	
evening set	-974 Jul 17 j 03:48	23°♋36'20	
conjunction	-974 Jul 30 j 10:22	26°♋29'20	0°53'33
minimum elong	-974 Jul 30 j 10:19	26°♋29'19	0°53'34
max. Earth dist.	-974 Jul 29 j 21:40	26°♋22'26	6.40347 AU
morning rise	-974 Aug 12 j 14:04	29°♋20'50	
	-974 Aug 15 j 14:39	0°♌	
	-974 Nov 12 j 05:21	15°♌	
retrograde	-974 Dec 11 j 01:05	16°♌17'38	
	-973 Jan 08 j 19:57	15°℞♌	
opposition	-973 Feb 09 j 06:22	11°♌23'16	1°34'29
min. Earth dist.	-973 Feb 09 j 22:25	11°♌18'04	4.42547 AU
direct	-973 Apr 12 j 14:54	6°♌20'09	
	-973 Jul 04 j 06:32	15°♌	
evening set	-973 Aug 17 j 16:56	24°♌00'50	
max. Earth dist.	-973 Aug 29 j 06:02	26°♌31'15	6.42929 AU
conjunction	-973 Aug 30 j 15:20	26°♌49'24	1°12'26
minimum elong	-973 Aug 30 j 15:19	26°♌49'24	1°12'25
morning rise	-973 Sep 12 j 10:33	29°♌36'31	
	-973 Sep 14 j 05:59	0°♍	
retrograde	-972 Jan 10 j 14:29	16°♍28'30	
opposition	-972 Mar 11 j 05:22	11°♍36'22	1°48'15
min. Earth dist.	-972 Mar 12 j 10:09	11°♍27'10	4.41788 AU
direct	-972 May 12 j 22:59	6°♍34'37	
evening set	-972 Sep 16 j 13:01	24°♍18'32	
max. Earth dist.	-972 Sep 27 j 06:42	26°♍40'27	6.38786 AU
conjunction	-972 Sep 29 j 05:24	27°♍06'16	1°11'25
minimum elong	-972 Sep 29 j 05:25	27°♍06'16	1°11'25
morning rise	-972 Oct 11 j 19:39	29°♍53'02	
	-972 Oct 12 j 08:20	0°♎	
retrograde	-971 Feb 10 j 08:00	17°♎07'27	
opposition	-971 Apr 12 j 04:39	12°♎15'48	1°32'26
min. Earth dist.	-971 Apr 13 j 15:30	12°♎04'43	4.34531 AU
direct	-971 Jun 13 j 15:52	7°♎16'15	
evening set	-971 Oct 17 j 11:47	25°♎17'12	
max. Earth dist.	-971 Oct 28 j 04:43	27°♎42'11	6.28973 AU
conjunction	-971 Oct 30 j 02:16	28°♎07'59	0°50'07
minimum elong	-971 Oct 30 j 02:19	28°♎08'00	0°50'05
	-971 Nov 07 j 08:03	0°♏	
morning rise	-971 Nov 11 j 15:38	0°♏58'28	
	-970 Jan 22 j 11:56	15°♏	
retrograde	-970 Mar 15 j 19:01	18°♏59'25	
	-970 May 08 j 18:34	15°℞♏	
opposition	-970 May 15 j 18:59	14°♏06'33	0°48'35
min. Earth dist.	-970 May 17 j 00:01	13°♏57'17	4.22707 AU
direct	-970 Jul 16 j 05:56	9°♏09'46	
	-970 Sep 18 j 08:03	15°♏	
evening set	-970 Nov 18 j 11:13	27°♏38'47	
	-970 Nov 28 j 14:21	0°♐	
max. Earth dist.	-970 Nov 29 j 19:19	0°♐16'54	6.16172 AU
conjunction	-970 Dec 01 j 03:15	0°♐35'31	0°12'45
minimum elong	-970 Dec 01 j 03:16	0°♐35'31	0°12'44
behind sun begin	-970 Nov 30 j 22:07	0°♐32'32	
behind sun end	-970 Dec 01 j 08:24	0°♐38'31	
morning rise	-970 Dec 13 j 19:55	3°♐32'49	
desc. node	-969 Mar 28 j 02:37	21°♐45'01	
retrograde	-969 Apr 20 j 11:40	22°♐35'52	
opposition	-969 Jun 20 j 06:42	17°♐40'16	-0°13'47
min. Earth dist.	-969 Jun 20 j 21:17	17°♐35'33	4.09802 AU
direct	-969 Aug 19 j 09:53	12°♐45'55	
	-969 Dec 14 j 14:09	0°♑	
evening set	-969 Dec 22 j 04:23	1°♑47'22	
conjunction	-968 Jan 04 j 01:05	4°♑51'10	-0°30'29
minimum elong	-968 Jan 04 j 01:03	4°♑51'08	0°30'30
max. Earth dist.	-968 Jan 03 j 18:59	4°♑47'31	6.04367 AU
morning rise	-968 Jan 16 j 23:53	7°♑56'17	
retrograde	-968 May 26 j 20:26	27°♑58'40	
opposition	-968 Jul 26 j 06:35	22°♑59'17	-1°14'36
min. Earth dist.	-968 Jul 25 j 23:38	23°♑01'34	4.00258 AU
direct	-968 Sep 23 j 00:44	18°♑06'03	
	-968 Dec 24 j 05:24	0°♒	
evening set	-967 Jan 25 j 21:07	7°♒32'34	
conjunction	-967 Feb 08 j 00:27	10°♒42'10	-1°03'48
minimum elong	-967 Feb 08 j 00:25	10°♒42'09	1°03'49
max. Earth dist.	-967 Feb 09 j 00:01	10°♒56'22	5.97912 AU
morning rise	-967 Feb 21 j 07:06	13°♒53'32	
	-967 Feb 25 j 22:44	15°♒	
	-967 May 10 j 07:09	0°♓	
retrograde	-967 Jul 03 j 16:44	4°♓26'04	
	-967 Aug 28 j 01:46	30°℞♒	
opposition	-967 Sep 01 j 16:12	29°♒22'50	-1°48'14
min. Earth dist.	-967 Aug 31 j 14:56	29°♒31'21	3.97746 AU
direct	-967 Oct 29 j 15:33	24°♒28'30	
	-967 Dec 28 j 02:24	0°♓	
evening set	-966 Mar 03 j 23:28	14°♓00'36	
conjunction	-966 Mar 17 j 10:44	17°♓12'59	-1°12'52
minimum elong	-966 Mar 17 j 10:45	17°♓12'59	1°12'52
max. Earth dist.	-966 Mar 19 j 10:35	17°♓41'30	5.99466 AU
morning rise	-966 Mar 31 j 00:53	20°♓26'48	
	-966 May 12 j 15:49	0°♈	
retrograde	-966 Aug 09 j 12:26	10°♈42'19	
min. Earth dist.	-966 Oct 06 j 18:27	5°♈48'13	4.03281 AU

Attention, astronomical year style is used: The year -966 in astronomical counting style is the year 967 BCE in historical counting style.

opposition	-966 Oct 08 j 03:01	5°♈37'07	-1°39'24
direct	-966 Dec 05 j 04:51	0°♈40'03	
evening set	-965 Apr 10 j 05:43	19°♈54'43	
conjunction	-965 Apr 23 j 22:55	23°♈05'43	-0°54'06
minimum elong	-965 Apr 23 j 22:58	23°♈05'45	0°54'05
max. Earth dist.	-965 Apr 26 j 02:13	23°♈35'31	6.08402 AU
morning rise	-965 May 07 j 17:54	26°♈17'22	
	-965 May 24 j 02:06	0°♉	
	-965 Aug 24 j 13:42	15°♉	
retrograde	-965 Sep 13 j 04:47	15°♉37'57	
	-965 Oct 02 j 17:01	15°℞♉	
opposition	-965 Nov 11 j 17:45	10°♉33'34	-0°54'28
min. Earth dist.	-965 Nov 10 j 12:29	10°♉43'33	4.14582 AU
direct	-964 Jan 09 j 16:22	5°♉33'22	
	-964 Apr 01 j 18:41	15°♉	
evening set	-964 May 15 j 10:16	24°♉16'52	
conjunction	-964 May 29 j 04:35	27°♉22'46	-0°16'47
minimum elong	-964 May 29 j 04:37	27°♉22'46	0°16'46
max. Earth dist.	-964 May 30 j 16:49	27°♉43'12	6.21159 AU
	-964 Jun 09 j 20:05	0°♊	
morning rise	-964 Jun 11 j 22:29	0°♊28'12	
retrograde	-964 Oct 14 j 20:27	18°♊43'20	
asc. node	-964 Nov 04 j 09:22	18°♊01'30	
opposition	-964 Dec 13 j 10:44	13°♊42'07	0°06'01
min. Earth dist.	-964 Dec 12 j 19:31	13°♊47'14	4.27484 AU
direct	-963 Feb 11 j 17:34	8°♊39'39	
evening set	-963 Jun 18 j 21:28	26°♊51'37	
conjunction	-963 Jul 02 j 11:03	29°♊50'25	0°24'32
minimum elong	-963 Jul 02 j 11:01	29°♊50'24	0°24'32
max. Earth dist.	-963 Jul 02 j 21:49	29°♊56'20	6.33235 AU
	-963 Jul 03 j 04:28	0°♋	
morning rise	-963 Jul 15 j 22:26	2°♋47'57	
retrograde	-963 Nov 14 j 20:33	20°♋10'40	
opposition	-962 Jan 13 j 18:35	15°♋13'21	1°01'32
min. Earth dist.	-962 Jan 13 j 19:50	15°♋12'57	4.37839 AU
direct	-962 Mar 16 j 07:12	10°♋09'58	
evening set	-962 Jul 21 j 14:47	27°♋59'35	
	-962 Jul 30 j 21:01	0°♌	
conjunction	-962 Aug 03 j 20:13	0°♌51'48	0°57'14
minimum elong	-962 Aug 03 j 20:10	0°♌51'47	0°57'15
max. Earth dist.	-962 Aug 03 j 04:32	0°♌43'16	6.41066 AU
morning rise	-962 Aug 16 j 22:33	3°♌42'28	
	-962 Oct 13 j 12:52	15°♌	
retrograde	-962 Dec 15 j 06:48	20°♌37'06	
opposition	-961 Feb 13 j 13:00	15°♌43'10	1°38'04
min. Earth dist.	-961 Feb 14 j 07:26	15°♌37'12	4.42767 AU
	-961 Feb 19 j 02:45	15°℞♌	
direct	-961 Apr 16 j 23:38	10°♌40'10	
	-961 Jun 12 j 05:43	15°♌	
evening set	-961 Aug 22 j 00:46	28°♌20'47	
	-961 Aug 29 j 15:27	0°♍	
max. Earth dist.	-961 Sep 02 j 08:46	0°♍48'42	6.42608 AU
conjunction	-961 Sep 03 j 22:06	1°♍09'04	1°13'31
minimum elong	-961 Sep 03 j 22:05	1°♍09'04	1°13'31
morning rise	-961 Sep 16 j 16:35	3°♍55'59	
retrograde	-960 Jan 15 j 00:00	20°♍49'59	
opposition	-960 Mar 15 j 14:50	15°♍58'00	1°47'50
min. Earth dist.	-960 Mar 16 j 21:22	15°♍48'13	4.40968 AU
direct	-960 May 17 j 08:27	10°♍56'26	
evening set	-960 Sep 20 j 20:24	28°♍42'34	
	-960 Sep 26 j 16:53	0°♎	
max. Earth dist.	-960 Oct 01 j 14:16	1°♎04'59	6.37531 AU
conjunction	-960 Oct 03 j 12:29	1°♎30'37	1°09'35
minimum elong	-960 Oct 03 j 12:30	1°♎30'38	1°09'35
morning rise	-960 Oct 16 j 02:14	4°♎17'44	
retrograde	-959 Feb 14 j 21:23	21°♎37'54	
opposition	-959 Apr 16 j 19:17	16°♎46'12	1°27'49
min. Earth dist.	-959 Apr 18 j 05:23	16°♎35'21	4.32929 AU
direct	-959 Jun 18 j 02:51	11°♎47'05	
evening set	-959 Oct 21 j 22:14	29°♎51'59	
	-959 Oct 22 j 12:26	0°♏	
max. Earth dist.	-959 Nov 01 j 15:52	2°♏18'03	6.27166 AU
conjunction	-959 Nov 03 j 12:36	2°♏43'30	0°45'38
minimum elong	-959 Nov 03 j 12:38	2°♏43'31	0°45'37
morning rise	-959 Nov 16 j 02:20	5°♏34'53	
	-959 Dec 30 j 08:23	15°♏	
retrograde	-958 Mar 20 j 17:57	23°♏44'12	
opposition	-958 May 20 j 16:26	18°♏51'03	0°40'33
min. Earth dist.	-958 May 21 j 20:17	18°♏42'08	4.20821 AU
	-958 Jun 24 j 07:59	15°℞♏	
direct	-958 Jul 21 j 00:03	13°♏54'38	
	-958 Aug 16 j 12:45	15°♏	
	-958 Nov 12 j 08:49	0°♐	
evening set	-958 Nov 23 j 02:42	2°♐28'16	
conjunction	-958 Dec 05 j 19:20	5°♐26'00	0°06'42
minimum elong	-958 Dec 05 j 19:21	5°♐26'00	0°06'41
behind sun begin	-958 Dec 05 j 11:52	5°♐21'38	
behind sun end	-958 Dec 06 j 02:51	5°♐30'22	
max. Earth dist.	-958 Dec 04 j 15:20	5°♐09'37	6.14402 AU
morning rise	-958 Dec 18 j 12:41	8°♐24'22	
desc. node	-957 Feb 04 j 16:06	18°♐52'02	
retrograde	-957 Apr 25 j 15:11	27°♐36'01	
opposition	-957 Jun 25 j 10:02	22°♐39'57	-0°23'01
min. Earth dist.	-957 Jun 25 j 21:05	22°♐36'23	4.08324 AU
direct	-957 Aug 24 j 07:44	17°♐45'56	
	-957 Nov 27 j 06:25	0°♑	
evening set	-957 Dec 27 j 02:11	6°♑50'52	
conjunction	-956 Jan 08 j 23:32	9°♑55'26	-0°36'07
minimum elong	-956 Jan 08 j 23:29	9°♑55'25	0°36'07
max. Earth dist.	-956 Jan 08 j 21:23	9°♑54'09	6.03306 AU
morning rise	-956 Jan 21 j 23:21	13°♑01'27	
	-956 Apr 16 j 11:25	0°♒	
retrograde	-956 Jun 01 j 03:14	3°♒09'16	
	-956 Jul 17 j 05:22	30°℞♑	
opposition	-956 Jul 31 j 12:18	28°♑09'15	-1°21'25
min. Earth dist.	-956 Jul 31 j 02:08	28°♑12'37	3.99737 AU
direct	-956 Sep 28 j 03:35	23°♑15'58	
	-956 Dec 03 j 16:25	0°♒	
evening set	-955 Jan 30 j 23:40	12°♒43'20	
	-955 Feb 09 j 11:26	15°♒	
conjunction	-955 Feb 13 j 04:09	15°♒53'22	-1°06'42
minimum elong	-955 Feb 13 j 04:07	15°♒53'21	1°06'42
max. Earth dist.	-955 Feb 14 j 09:10	16°♒10'50	5.97970 AU
morning rise	-955 Feb 26 j 11:40	19°♒05'06	
	-955 Apr 16 j 07:30	0°♓	
retrograde	-955 Jul 08 j 21:39	9°♓36'39	
opposition	-955 Sep 06 j 19:16	4°♓33'02	-1°49'32
min. Earth dist.	-955 Sep 05 j 16:56	4°♓41'56	3.98396 AU
	-955 Oct 20 j 07:44	30°℞♒	
direct	-955 Nov 03 j 18:03	29°♒38'25	
	-955 Nov 18 j 04:47	0°♓	
evening set	-954 Mar 09 j 03:18	19°♓08'06	
conjunction	-954 Mar 22 j 15:22	22°♓20'21	-1°11'48
minimum elong	-954 Mar 22 j 15:23	22°♓20'22	1°11'48

Attention, astronomical year style is used: The year -954 in astronomical counting style is the year 955 BCE in historical counting style.

max. Earth dist.	-954 Mar 24 j 15:35	22°♓48'59	6.00609 AU
morning rise	-954 Apr 05 j 06:31	25°♓34'01	
	-954 Apr 24 j 10:09	0°♈	
retrograde	-954 Aug 14 j 08:45	15°♈42'37	
opposition	-954 Oct 12 j 23:46	10°♈37'24	-1°34'55
min. Earth dist.	-954 Oct 11 j 14:30	10°♈48'45	4.04792 AU
direct	-954 Dec 10 j 03:09	5°♈39'54	
evening set	-953 Apr 15 j 06:27	24°♈50'09	
conjunction	-953 Apr 29 j 00:10	28°♈00'36	-0°49'45
minimum elong	-953 Apr 29 j 00:13	28°♈00'37	0°49'44
max. Earth dist.	-953 May 01 j 01:41	28°♈29'15	6.10153 AU
	-953 May 07 j 14:49	0°♉	
morning rise	-953 May 12 j 19:16	1°♉11'31	
	-953 Jul 19 j 10:29	15°♉	
retrograde	-953 Sep 17 j 19:56	20°♉23'02	
min. Earth dist.	-953 Nov 15 j 05:09	15°♉28'05	4.16371 AU
opposition	-953 Nov 16 j 07:46	15°♉19'02	-0°46'35
	-953 Nov 18 j 15:45	15°℞♉	
direct	-952 Jan 14 j 11:12	10°♉18'29	
	-952 Mar 10 j 14:46	15°♉	
evening set	-952 May 20 j 05:55	28°♉57'35	
	-952 May 24 j 21:28	0°♊	
conjunction	-952 Jun 02 j 23:58	2°♊02'39	-0°11'03
minimum elong	-952 Jun 02 j 23:59	2°♊02'40	0°11'02
behind sun begin	-952 Jun 02 j 17:50	1°♊59'13	
behind sun end	-952 Jun 03 j 06:08	2°♊06'06	
max. Earth dist.	-952 Jun 04 j 09:21	2°♊21'24	6.22855 AU
morning rise	-952 Jun 16 j 17:17	5°♊07'06	
asc. node	-952 Sep 15 j 12:37	21°♊27'32	
retrograde	-952 Oct 19 j 03:30	23°♊14'31	
opposition	-952 Dec 17 j 19:20	18°♊13'52	0°14'18
min. Earth dist.	-952 Dec 17 j 05:39	18°♊18'28	4.28959 AU
direct	-951 Feb 16 j 05:06	13°♊11'16	
	-951 Jun 17 j 07:52	0°♋	
evening set	-951 Jun 23 j 11:53	1°♋20'22	
conjunction	-951 Jul 07 j 00:28	4°♋18'17	0°29'44
minimum elong	-951 Jul 07 j 00:26	4°♋18'16	0°29'44
max. Earth dist.	-951 Jul 07 j 06:40	4°♋21'42	6.34393 AU
morning rise	-951 Jul 20 j 10:47	7°♋14'55	
retrograde	-951 Nov 19 j 03:24	24°♋33'10	
opposition	-950 Jan 18 j 01:07	19°♋36'27	1°07'54
min. Earth dist.	-950 Jan 18 j 05:34	19°♋34'59	4.38617 AU
direct	-950 Mar 20 j 17:34	14°♋33'06	
	-950 Jul 15 j 00:04	0°♌	
evening set	-950 Jul 26 j 00:49	2°♌21'37	
max. Earth dist.	-950 Aug 07 j 10:00	5°♌02'50	6.41399 AU
conjunction	-950 Aug 08 j 05:10	5°♌13'16	1°00'33
minimum elong	-950 Aug 08 j 05:08	5°♌13'15	1°00'33
morning rise	-950 Aug 21 j 06:23	8°♌03'22	
	-950 Sep 23 j 16:36	15°♌	
retrograde	-950 Dec 19 j 12:45	24°♌57'15	
opposition	-949 Feb 17 j 20:08	20°♌03'39	1°41'05
min. Earth dist.	-949 Feb 18 j 15:54	19°♌57'15	4.42677 AU
direct	-949 Apr 21 j 07:30	15°♌00'50	
	-949 Aug 13 j 17:55	0°♍	
evening set	-949 Aug 26 j 08:37	2°♍42'10	
max. Earth dist.	-949 Sep 06 j 15:09	5°♍09'32	6.42106 AU
conjunction	-949 Sep 08 j 05:06	5°♍30'17	1°14'09
minimum elong	-949 Sep 08 j 05:05	5°♍30'16	1°14'09
morning rise	-949 Sep 20 j 22:37	8°♍17'02	
retrograde	-948 Jan 19 j 09:13	25°♍13'36	
opposition	-948 Mar 20 j 01:02	20°♍21'47	1°46'45
min. Earth dist.	-948 Mar 21 j 08:26	20°♍11'45	4.40094 AU
direct	-948 May 21 j 18:11	15°♍20'35	
	-948 Sep 10 j 17:00	0°♎	
evening set	-948 Sep 25 j 04:18	3°♎08'47	
max. Earth dist.	-948 Oct 05 j 20:15	5°♎30'39	6.36344 AU
conjunction	-948 Oct 07 j 19:48	5°♎57'06	1°07'20
minimum elong	-948 Oct 07 j 19:50	5°♎57'07	1°07'18
morning rise	-948 Oct 20 j 09:28	8°♎44'38	
retrograde	-947 Feb 19 j 12:36	26°♎10'15	
opposition	-947 Apr 21 j 10:35	21°♎18'24	1°22'38
min. Earth dist.	-947 Apr 22 j 20:17	21°♎07'40	4.31488 AU
direct	-947 Jun 22 j 15:55	16°♎19'35	
	-947 Oct 06 j 05:13	0°♏	
evening set	-947 Oct 26 j 08:11	4°♏27'35	
max. Earth dist.	-947 Nov 06 j 04:59	6°♏55'55	6.25593 AU
conjunction	-947 Nov 07 j 22:49	7°♏19'48	0°40'51
minimum elong	-947 Nov 07 j 22:51	7°♏19'49	0°40'51
morning rise	-947 Nov 20 j 12:41	10°♏11'56	
	-947 Dec 12 j 02:44	15°♏	
retrograde	-946 Mar 25 j 14:02	28°♏28'44	
opposition	-946 May 25 j 13:25	23°♏35'14	0°32'14
min. Earth dist.	-946 May 26 j 15:15	23°♏26'59	4.19201 AU
direct	-946 Jul 25 j 16:48	18°♏39'13	
	-946 Oct 26 j 04:58	0°♐	
evening set	-946 Nov 27 j 17:27	7°♐16'27	
max. Earth dist.	-946 Dec 09 j 08:31	9°♐59'47	6.12861 AU
conjunction	-946 Dec 10 j 10:24	10°♐14'59	0°00'36
minimum elong	-946 Dec 10 j 10:24	10°♐14'59	0°00'35
behind sun begin	-946 Dec 10 j 02:23	10°♐10'18	
behind sun end	-946 Dec 10 j 18:24	10°♐19'40	
desc. node	-946 Dec 15 j 17:36	11°♐29'39	
morning rise	-946 Dec 23 j 04:33	13°♐14'21	
	-945 Mar 20 j 12:51	0°♑	
retrograde	-945 Apr 30 j 17:45	2°♑33'53	
	-945 Jun 11 j 08:31	30°℞♐	
opposition	-945 Jun 30 j 11:52	27°♐37'15	-0°32'02
min. Earth dist.	-945 Jun 30 j 20:04	27°♐34'35	4.06975 AU
direct	-945 Aug 29 j 05:46	22°♐43'21	
	-945 Nov 07 j 14:37	0°♑	
evening set	-945 Dec 31 j 22:46	11°♑51'36	
conjunction	-944 Jan 13 j 21:06	14°♑57'00	-0°41'27
minimum elong	-944 Jan 13 j 21:03	14°♑56'58	0°41'28
max. Earth dist.	-944 Jan 14 j 00:09	14°♑58'50	6.02279 AU
morning rise	-944 Jan 26 j 21:45	18°♑03'51	
	-944 Mar 21 j 06:09	0°♒	
retrograde	-944 Jun 06 j 09:25	8°♒16'50	
opposition	-944 Aug 05 j 16:15	3°♒16'17	-1°27'34
min. Earth dist.	-944 Aug 05 j 04:13	3°♒20'17	3.99156 AU
	-944 Sep 01 j 17:57	30°℞♑	
direct	-944 Oct 03 j 04:24	28°♑22'55	
	-944 Nov 03 j 08:45	0°♒	
	-943 Jan 23 j 23:35	15°♒	
evening set	-943 Feb 05 j 01:30	17°♒51'41	
conjunction	-943 Feb 18 j 06:52	21°♒02'12	-1°09'06
minimum elong	-943 Feb 18 j 06:50	21°♒02'10	1°09'06
max. Earth dist.	-943 Feb 19 j 13:49	21°♒20'48	5.97857 AU
morning rise	-943 Mar 03 j 15:39	24°♒14'28	
	-943 Mar 28 j 09:14	0°♓	
retrograde	-943 Jul 13 j 23:42	14°♓45'39	
opposition	-943 Sep 11 j 21:14	9°♓41'38	-1°50'03
min. Earth dist.	-943 Sep 10 j 16:37	9°♓51'19	3.98786 AU
direct	-943 Nov 08 j 18:51	4°♓46'38	

Attention, astronomical year style is used: The year -942 in astronomical counting style is the year 943 BCE in historical counting style.

evening set	-942 Mar 14 j 07:01	24°♓15'05	
conjunction	-942 Mar 27 j 20:08	27°♓27'23	-1°10'12
minimum elong	-942 Mar 27 j 20:10	27°♓27'24	1°10'12
max. Earth dist.	-942 Mar 29 j 21:33	27°♓56'39	6.01456 AU
	-942 Apr 07 j 14:19	0°♈	
morning rise	-942 Apr 10 j 12:00	0°♈40'58	
retrograde	-942 Aug 19 j 07:16	20°♈43'49	
opposition	-942 Oct 17 j 20:46	15°♈38'34	-1°29'47
min. Earth dist.	-942 Oct 16 j 12:44	15°♈49'30	4.05981 AU
direct	-942 Dec 15 j 03:23	10°♈40'34	
evening set	-941 Apr 20 j 08:26	29°♈47'39	
	-941 Apr 21 j 05:58	0°♉	
conjunction	-941 May 04 j 02:38	2°♉57'40	-0°45'00
minimum elong	-941 May 04 j 02:41	2°♉57'42	0°45'00
max. Earth dist.	-941 May 06 j 03:31	3°♉25'50	6.11584 AU
morning rise	-941 May 17 j 21:53	6°♉07'59	
	-941 Jun 27 j 17:42	15°♉	
retrograde	-941 Sep 22 j 10:24	25°♉11'18	
opposition	-941 Nov 20 j 22:49	20°♉07'40	-0°38'19
min. Earth dist.	-941 Nov 19 j 20:51	20°♉16'29	4.17897 AU
direct	-940 Jan 19 j 04:46	15°♉06'47	
	-940 May 08 j 06:26	0°♊	
evening set	-940 May 25 j 03:32	3°♊42'22	
conjunction	-940 Jun 07 j 21:03	6°♊46'35	-0°05'09
minimum elong	-940 Jun 07 j 21:04	6°♊46'36	0°05'09
behind sun begin	-940 Jun 07 j 13:00	6°♊42'06	
behind sun end	-940 Jun 08 j 05:09	6°♊51'05	
max. Earth dist.	-940 Jun 09 j 01:56	7°♊02'45	6.24361 AU
morning rise	-940 Jun 21 j 13:48	9°♊50'07	
asc. node	-940 Jul 26 j 05:22	17°♊13'31	
retrograde	-940 Oct 23 j 14:37	27°♊50'25	
opposition	-940 Dec 22 j 06:19	22°♊50'18	0°22'40
min. Earth dist.	-940 Dec 21 j 19:38	22°♊53'53	4.30326 AU
direct	-939 Feb 20 j 21:11	17°♊47'32	
	-939 May 31 j 07:21	0°♋	
evening set	-939 Jun 28 j 04:08	5°♋53'48	
conjunction	-939 Jul 11 j 15:49	8°♋50'51	0°34'53
minimum elong	-939 Jul 11 j 15:47	8°♋50'50	0°34'55
max. Earth dist.	-939 Jul 11 j 19:52	8°♋53'04	6.35535 AU
morning rise	-939 Jul 25 j 00:49	11°♋46'30	
retrograde	-939 Nov 23 j 09:49	29°♋00'14	
opposition	-938 Jan 22 j 09:45	24°♋04'01	1°14'02
min. Earth dist.	-938 Jan 22 j 15:10	24°♋02'15	4.39507 AU
direct	-938 Mar 25 j 04:31	19°♋00'46	
	-938 Jun 27 j 19:47	0°♌	
evening set	-938 Jul 30 j 12:43	6°♌47'30	
conjunction	-938 Aug 12 j 15:44	9°♌38'24	1°03'37
minimum elong	-938 Aug 12 j 15:42	9°♌38'23	1°03'37
max. Earth dist.	-938 Aug 11 j 17:50	9°♌26'29	6.41990 AU
morning rise	-938 Aug 25 j 15:45	12°♌27'46	
	-938 Sep 06 j 12:11	15°♌	
retrograde	-938 Dec 23 j 20:42	29°♌19'55	
opposition	-937 Feb 22 j 04:51	24°♌26'43	1°43'37
min. Earth dist.	-937 Feb 23 j 02:50	24°♌19'37	4.42963 AU
direct	-937 Apr 25 j 19:14	19°♌24'07	
	-937 Jul 27 j 16:00	0°♍	
evening set	-937 Aug 30 j 16:59	7°♍04'34	
max. Earth dist.	-937 Sep 10 j 20:50	9°♍30'36	6.42060 AU
conjunction	-937 Sep 12 j 12:31	9°♍52'19	1°14'26
minimum elong	-937 Sep 12 j 12:31	9°♍52'19	1°14'26
morning rise	-937 Sep 25 j 05:14	12°♍38'46	
retrograde	-936 Jan 23 j 17:37	29°♍36'28	
opposition	-936 Mar 24 j 11:35	24°♍44'41	1°45'05
min. Earth dist.	-936 Mar 25 j 19:00	24°♍34'40	4.39731 AU
direct	-936 May 26 j 04:03	19°♍43'48	
	-936 Aug 24 j 16:33	0°♎	
evening set	-936 Sep 29 j 11:03	7°♎32'11	
max. Earth dist.	-936 Oct 10 j 04:10	9°♎54'56	6.35696 AU
conjunction	-936 Oct 12 j 02:10	10°♎20'35	1°04'44
minimum elong	-936 Oct 12 j 02:12	10°♎20'36	1°04'43
morning rise	-936 Oct 24 j 15:21	13°♎08'14	
	-935 Feb 03 j 20:56	0°♏	
retrograde	-935 Feb 24 j 01:03	0°♏37'41	
	-935 Mar 16 j 05:17	30°℞♎	
opposition	-935 Apr 26 j 00:21	25°♎45'44	1°17'02
min. Earth dist.	-935 Apr 27 j 09:58	25°♎35'03	4.30570 AU
direct	-935 Jun 27 j 04:18	20°♎47'21	
	-935 Sep 18 j 18:51	0°♏	
evening set	-935 Oct 30 j 16:05	8°♏56'47	
max. Earth dist.	-935 Nov 10 j 12:39	11°♏25'26	6.24476 AU
conjunction	-935 Nov 12 j 06:35	11°♏49'27	0°35'58
minimum elong	-935 Nov 12 j 06:38	11°♏49'28	0°35'58
morning rise	-935 Nov 24 j 20:53	14°♏42'11	
	-935 Nov 26 j 04:12	15°♏	
	-934 Feb 12 j 16:40	0°♐	
retrograde	-934 Mar 30 j 07:17	3°♐05'11	
	-934 May 15 j 19:14	30°℞♏	
opposition	-934 May 30 j 07:11	28°♏11'19	0°23'57
min. Earth dist.	-934 May 31 j 07:15	28°♏03'36	4.17938 AU
direct	-934 Jul 30 j 07:03	23°♏15'34	
	-934 Oct 07 j 00:20	0°♐	
desc. node	-934 Oct 27 j 15:48	3°♐59'57	
evening set	-934 Dec 02 j 04:48	11°♐55'36	
conjunction	-934 Dec 14 j 22:24	14°♐54'56	-0°05'21
minimum elong	-934 Dec 14 j 22:24	14°♐54'56	0°05'21
behind sun begin	-934 Dec 14 j 14:38	14°♐50'23	
behind sun end	-934 Dec 15 j 06:09	14°♐59'28	
max. Earth dist.	-934 Dec 14 j 00:12	14°♐41'52	6.11573 AU
morning rise	-934 Dec 27 j 17:05	17°♐55'08	
	-933 Feb 22 j 02:25	0°♑	
retrograde	-933 May 05 j 17:45	7°♑21'50	
opposition	-933 Jul 05 j 09:39	2°♑24'48	-0°40'30
min. Earth dist.	-933 Jul 05 j 16:34	2°♑22'33	4.05771 AU
	-933 Jul 24 j 18:33	30°℞♐	
direct	-933 Sep 02 j 23:36	27°♐31'06	
	-933 Oct 12 j 10:27	0°♑	
evening set	-932 Jan 05 j 15:49	16°♑42'38	
conjunction	-932 Jan 18 j 14:50	19°♑48'50	-0°46'18
minimum elong	-932 Jan 18 j 14:47	19°♑48'48	0°46'19
max. Earth dist.	-932 Jan 18 j 19:25	19°♑51'35	6.01253 AU
morning rise	-932 Jan 31 j 16:40	22°♑56'37	
	-932 Mar 02 j 07:09	0°♒	
retrograde	-932 Jun 11 j 09:35	13°♒15'03	
opposition	-932 Aug 10 j 15:57	8°♒14'01	-1°32'54
min. Earth dist.	-932 Aug 10 j 01:08	8°♒18'57	3.98438 AU
direct	-932 Oct 07 j 23:56	3°♒20'34	
	-931 Jan 06 j 20:43	15°♒	
evening set	-931 Feb 10 j 00:10	22°♒51'52	
conjunction	-931 Feb 23 j 06:45	26°♒03'03	-1°10'54
minimum elong	-931 Feb 23 j 06:43	26°♒03'02	1°10'54
max. Earth dist.	-931 Feb 24 j 16:58	26°♒23'38	5.97517 AU
morning rise	-931 Mar 08 j 16:31	29°♒15'57	
	-931 Mar 11 j 18:36	0°♓	

Attention, astronomical year style is used: The year -931 in astronomical counting style is the year 932 BCE in historical counting style.

retrograde	-931 Jul 19 j 01:34	19°♓47'53		
opposition	-931 Sep 16 j 20:01	14°♓43'37	-1°49'44	
min. Earth dist.	-931 Sep 15 j 15:24	14°♓53'20	3.98867 AU	
direct	-931 Nov 13 j 18:06	9°♓48'17		
evening set	-930 Mar 19 j 08:49	29°♓17'05		
	-930 Mar 22 j 09:43	0°♈		
conjunction	-930 Apr 01 j 23:02	2°♈29'39	-1°08'07	
minimum elong	-930 Apr 01 j 23:04	2°♈29'40	1°08'06	
max. Earth dist.	-930 Apr 04 j 02:02	2°♈59'47	6.01964 AU	
morning rise	-930 Apr 15 j 15:48	5°♈43'24		
retrograde	-930 Aug 24 j 03:32	25°♈41'43		
min. Earth dist.	-930 Oct 21 j 07:21	20°♈47'41	4.06864 AU	
opposition	-930 Oct 22 j 15:56	20°♈36'34	-1°24'06	
direct	-930 Dec 19 j 22:54	15°♈38'12		
	-929 Apr 04 j 08:58	0°♉		
evening set	-929 Apr 25 j 09:27	4°♉43'20		
conjunction	-929 May 09 j 03:56	7°♉52'59	-0°39'59	
minimum elong	-929 May 09 j 03:59	7°♉53'01	0°39'58	
max. Earth dist.	-929 May 11 j 02:10	8°♉19'34	6.12777 AU	
morning rise	-929 May 22 j 23:26	11°♉02'51		
	-929 Jun 09 j 14:22	15°♉		
retrograde	-929 Sep 27 j 01:03	29°♉58'56		
opposition	-929 Nov 25 j 13:29	24°♉55'37	-0°29'51	
min. Earth dist.	-929 Nov 24 j 13:20	25°♉03'50	4.19259 AU	
direct	-928 Jan 24 j 00:01	19°♉54'22		
	-928 Apr 20 j 03:41	0°♊		
evening set	-928 May 30 j 00:27	8°♊26'44		
asc. node	-928 Jun 04 j 22:54	9°♊45'56		
conjunction	-928 Jun 12 j 17:40	11°♊30'09	0°00'51	
minimum elong	-928 Jun 12 j 17:40	11°♊30'10	0°00'51	
behind sun begin	-928 Jun 12 j 09:20	11°♊25'32		
behind sun end	-928 Jun 13 j 02:00	11°♊34'47		
max. Earth dist.	-928 Jun 13 j 21:28	11°♊45'40	6.25806 AU	
morning rise	-928 Jun 26 j 09:29	14°♊32'43		
	-928 Sep 18 j 09:10	0°♋		
retrograde	-928 Oct 27 j 23:33	2°♋25'53		
	-928 Dec 06 j 12:08	30°℞♊		
opposition	-928 Dec 26 j 16:41	27°♊26'15	0°30'50	
min. Earth dist.	-928 Dec 26 j 07:02	27°♊29'28	4.31719 AU	
direct	-927 Feb 25 j 11:08	22°♊23'19		
	-927 May 12 j 01:37	0°♋		
evening set	-927 Jul 02 j 19:45	10°♋26'17		
conjunction	-927 Jul 16 j 06:08	13°♋22'20	0°39'49	
minimum elong	-927 Jul 16 j 06:06	13°♋22'19	0°39'50	
max. Earth dist.	-927 Jul 16 j 05:39	13°♋22'04	6.36746 AU	
morning rise	-927 Jul 29 j 14:03	16°♋16'59		
	-927 Oct 10 j 20:23	0°♌		
retrograde	-927 Nov 27 j 17:15	3°♌25'53		
	-926 Jan 15 j 02:16	30°℞♋		
opposition	-926 Jan 26 j 17:53	28°♋30'03	1°19'42	
min. Earth dist.	-926 Jan 27 j 02:16	28°♋27'18	4.40435 AU	
direct	-926 Mar 29 j 17:28	23°♋26'43		
	-926 Jun 08 j 02:29	0°♌		
evening set	-926 Aug 03 j 22:52	11°♌11'11		
max. Earth dist.	-926 Aug 16 j 01:08	13°♌48'30	6.42521 AU	
conjunction	-926 Aug 17 j 00:52	14°♌01'24	1°06'18	
minimum elong	-926 Aug 17 j 00:50	14°♌01'23	1°06'19	
	-926 Aug 21 j 12:38	15°♌		
morning rise	-926 Aug 29 j 23:35	16°♌50'03		
	-926 Nov 08 j 03:39	0°♍		
retrograde	-926 Dec 28 j 01:36	3°♍40'48		
	-925 Feb 17 j 02:04	30°℞♌		
opposition	-925 Feb 26 j 12:48	28°♌47'47	1°45'33	
min. Earth dist.	-925 Feb 27 j 11:34	28°♌40'28	4.43060 AU	
direct	-925 Apr 30 j 03:48	23°♌45'20		
	-925 Jul 07 j 22:29	0°♍		
evening set	-925 Sep 04 j 00:13	11°♍25'24		
max. Earth dist.	-925 Sep 15 j 01:31	13°♍50'17	6.41688 AU	
conjunction	-925 Sep 16 j 18:49	14°♍12'55	1°14'18	
minimum elong	-925 Sep 16 j 18:49	14°♍12'55	1°14'17	
morning rise	-925 Sep 29 j 10:47	16°♍59'13		
	-925 Dec 06 j 19:30	0°♎		
retrograde	-924 Jan 28 j 03:33	3°♎59'16		
	-924 Mar 22 j 00:29	30°℞♍		
opposition	-924 Mar 28 j 22:11	29°♍07'34	1°42'53	
min. Earth dist.	-924 Mar 30 j 07:24	28°♍56'59	4.38893 AU	
direct	-924 May 30 j 15:25	24°♍06'56		
	-924 Aug 04 j 15:58	0°♎		
evening set	-924 Oct 03 j 18:07	11°♎57'05		
max. Earth dist.	-924 Oct 14 j 09:29	14°♎19'19	6.34445 AU	
conjunction	-924 Oct 16 j 08:55	14°♎45'50	1°01'45	
minimum elong	-924 Oct 16 j 08:57	14°♎45'51	1°01'45	
morning rise	-924 Oct 28 j 22:05	17°♎33'58		
	-924 Dec 30 j 12:47	0°♏		
retrograde	-923 Feb 28 j 15:18	5°♏09'27		
opposition	-923 Apr 30 j 15:51	0°♏17'16	1°10'54	
min. Earth dist.	-923 May 02 j 00:18	0°♏06'56	4.28972 AU	
	-923 May 02 j 22:06	30°℞♎		
direct	-923 Jul 01 j 16:07	25°♎19'10		
	-923 Aug 28 j 02:11	0°♏		
evening set	-923 Nov 04 j 02:09	13°♏32'23		
	-923 Nov 10 j 11:27	15°♏		
max. Earth dist.	-923 Nov 15 j 01:50	16°♏03'23	6.22673 AU	
conjunction	-923 Nov 16 j 17:00	16°♏25'54	0°30'44	
minimum elong	-923 Nov 16 j 17:02	16°♏25'55	0°30'43	
morning rise	-923 Nov 29 j 07:36	19°♏19'34		
	-922 Jan 18 j 15:43	0°♐		
retrograde	-922 Apr 04 j 06:48	7°♐51'18		
opposition	-922 Jun 04 j 05:15	2°♐57'07	0°15'11	
min. Earth dist.	-922 Jun 05 j 04:17	2°♐49'44	4.16042 AU	
	-922 Jun 28 j 21:28	30°℞♏		
direct	-922 Aug 04 j 01:09	28°♏01'42		
desc. node	-922 Sep 06 j 16:11	29°♏47'20		
	-922 Sep 08 j 16:46	0°♐		
evening set	-922 Dec 06 j 21:03	16°♐46'39		
conjunction	-922 Dec 19 j 15:10	19°♐47'00	-0°11'25	
minimum elong	-922 Dec 19 j 15:09	19°♐47'00	0°11'26	
behind sun begin	-922 Dec 19 j 09:15	19°♐43'31		
behind sun end	-922 Dec 19 j 21:04	19°♐50'28		
max. Earth dist.	-922 Dec 18 j 18:44	19°♐34'56	6.09753 AU	
morning rise	-921 Jan 01 j 10:54	22°♐48'24		
	-921 Feb 02 j 04:31	0°♑		
retrograde	-921 May 10 j 21:39	12°♑24'11		
opposition	-921 Jul 10 j 13:14	7°♑26'37	-0°49'10	
min. Earth dist.	-921 Jul 10 j 16:21	7°♑25'35	4.04206 AU	
direct	-921 Sep 07 j 21:24	2°♑33'03		
evening set	-920 Jan 10 j 15:28	21°♑49'07		
conjunction	-920 Jan 23 j 15:34	24°♑56'17	-0°51'05	
minimum elong	-920 Jan 23 j 15:31	24°♑56'15	0°51'06	
max. Earth dist.	-920 Jan 24 j 01:22	25°♑02'10	6.00098 AU	
morning rise	-920 Feb 05 j 18:22	28°♑05'02		
	-920 Feb 13 j 20:16	0°♒		
	-920 Apr 29 j 19:11	15°♒		
retrograde	-920 Jun 16 j 18:33	18°♒28'55		

Attention, astronomical year style is used: The year -920 in astronomical counting style is the year 921 BCE in historical counting style.

	-920 Aug 04 j 04:08	15°℞♒		
opposition	-920 Aug 15 j 22:08	13°♒27'24	-1°37'48	
min. Earth dist.	-920 Aug 15 j 05:33	13°♒32'56	3.97845 AU	
direct	-920 Oct 13 j 04:19	8°♒33'50		
	-920 Dec 16 j 20:09	15°♒		
evening set	-919 Feb 15 j 05:31	28°♒06'52		
	-919 Feb 23 j 02:24	0°♓		
conjunction	-919 Feb 28 j 13:14	1°♓18'34	-1°12'15	
minimum elong	-919 Feb 28 j 13:13	1°♓18'34	1°12'16	
max. Earth dist.	-919 Mar 02 j 03:26	1°♓41'30	5.97546 AU	
morning rise	-919 Mar 14 j 00:12	4°♓31'57		
retrograde	-919 Jul 24 j 06:28	25°♓02'11		
opposition	-919 Sep 21 j 23:45	19°♓57'40	-1°48'33	
min. Earth dist.	-919 Sep 20 j 16:56	20°♓08'08	3.99569 AU	
direct	-919 Nov 18 j 20:50	15°♓02'02		
	-918 Mar 05 j 05:56	0°♈		
evening set	-918 Mar 24 j 15:13	4°♈28'28		
conjunction	-918 Apr 07 j 06:09	7°♈40'47	-1°05'28	
minimum elong	-918 Apr 07 j 06:12	7°♈40'49	1°05'27	
max. Earth dist.	-918 Apr 09 j 09:16	8°♈10'54	6.03268 AU	
morning rise	-918 Apr 20 j 23:41	10°♈54'14		
	-918 Aug 07 j 18:28	0°♉		
retrograde	-918 Aug 29 j 00:15	0°♉44'24		
	-918 Sep 19 j 02:31	30°℞♈		
min. Earth dist.	-918 Oct 26 j 05:07	25°♈50'17	4.08622 AU	
opposition	-918 Oct 27 j 13:16	25°♈39'18	-1°17'42	
direct	-918 Dec 25 j 00:01	20°♈40'30		
	-917 Mar 16 j 14:01	0°♉		
evening set	-917 Apr 30 j 11:34	9°♉40'20		
conjunction	-917 May 14 j 06:19	12°♉49'09	-0°34'42	
minimum elong	-917 May 14 j 06:22	12°♉49'10	0°34'41	
max. Earth dist.	-917 May 16 j 04:26	13°♉15'31	6.14855 AU	
	-917 May 23 j 19:28	15°♉		
morning rise	-917 May 28 j 01:26	15°♉57'56		
	-917 Aug 06 j 07:39	0°♊		
retrograde	-917 Oct 01 j 14:19	4°♊43'30		
	-917 Nov 27 j 17:59	30°℞♉		
min. Earth dist.	-917 Nov 29 j 04:29	29°♉48'20	4.21436 AU	
opposition	-917 Nov 30 j 03:12	29°♉40'39	-0°21'18	
direct	-916 Jan 28 j 18:13	24°♉39'07		
	-916 Mar 29 j 16:37	0°♊		
asc. node	-916 Apr 15 j 10:15	2°♊52'50		
evening set	-916 Jun 03 j 19:31	13°♊05'36		
conjunction	-916 Jun 17 j 11:50	16°♊07'48	0°06'39	
minimum elong	-916 Jun 17 j 11:49	16°♊07'48	0°06'40	
behind sun begin	-916 Jun 17 j 04:04	16°♊03'31		
behind sun end	-916 Jun 17 j 19:33	16°♊12'05		
max. Earth dist.	-916 Jun 18 j 10:40	16°♊20'30	6.27890 AU	
morning rise	-916 Jul 01 j 02:50	19°♊09'05		
	-916 Aug 23 j 11:38	0°♋		
retrograde	-916 Nov 01 j 06:05	6°♋53'36		
opposition	-916 Dec 31 j 00:34	1°♋54'30	0°38'33	
min. Earth dist.	-916 Dec 30 j 17:53	1°♋56'43	4.33545 AU	
	-915 Jan 14 j 18:02	30°℞♊		
direct	-915 Mar 02 j 00:27	26°♊51'23		
	-915 Apr 17 j 15:04	0°♋		
evening set	-915 Jul 07 j 07:23	14°♋49'57		
conjunction	-915 Jul 20 j 16:45	17°♋44'58	0°44'20	
minimum elong	-915 Jul 20 j 16:43	17°♋44'57	0°44'21	
max. Earth dist.	-915 Jul 20 j 13:38	17°♋43'16	6.38167 AU	
morning rise	-915 Aug 02 j 23:11	20°♋38'28		
	-915 Sep 18 j 01:42	0°♌		
retrograde	-915 Dec 01 j 19:45	7°♌42'35		
opposition	-914 Jan 30 j 22:38	2°♌47'15	1°24'43	
min. Earth dist.	-914 Jan 31 j 09:03	2°♌43'51	4.41366 AU	
	-914 Feb 22 j 15:08	30°℞♋		
direct	-914 Apr 03 j 00:53	27°♋44'00		
	-914 May 12 j 19:20	0°♌		
	-914 Aug 06 j 04:15	15°♌		
evening set	-914 Aug 08 j 05:40	15°♌26'37		
max. Earth dist.	-914 Aug 20 j 01:49	18°♌00'40	6.42866 AU	
conjunction	-914 Aug 21 j 06:22	18°♌16'11	1°08'32	
minimum elong	-914 Aug 21 j 06:20	18°♌16'10	1°08'33	
morning rise	-914 Sep 03 j 04:07	21°♌04'18		
	-914 Oct 17 j 02:55	0°♍		
retrograde	-913 Jan 01 j 06:52	7°♍54'45		
opposition	-913 Mar 02 j 18:09	3°♍02'03	1°46'54	
min. Earth dist.	-913 Mar 03 j 20:09	2°♍53'42	4.42810 AU	
	-913 Mar 28 j 04:07	30°℞♌		
direct	-913 May 04 j 11:33	27°♌59'44		
	-913 Jun 10 j 21:13	0°♍		
evening set	-913 Sep 08 j 04:50	15°♍40'52		
max. Earth dist.	-913 Sep 19 j 03:47	18°♍04'46	6.40843 AU	
conjunction	-913 Sep 20 j 22:54	18°♍28'27	1°13'47	
minimum elong	-913 Sep 20 j 22:54	18°♍28'27	1°13'46	
morning rise	-913 Oct 03 j 14:13	21°♍14'51		
	-913 Nov 15 j 01:53	0°♎		
retrograde	-912 Feb 01 j 11:12	8°♎19'09		
opposition	-912 Apr 02 j 07:31	3°♎27'30	1°40'11	
min. Earth dist.	-912 Apr 03 j 16:46	3°♎16'55	4.37511 AU	
	-912 May 02 j 09:16	30°℞♍		
direct	-912 Jun 03 j 21:58	28°♍27'11		
	-912 Jul 06 j 11:16	0°♎		
evening set	-912 Oct 08 j 00:24	16°♎21'06		
max. Earth dist.	-912 Oct 18 j 15:54	18°♎44'02	6.32631 AU	
conjunction	-912 Oct 20 j 15:01	19°♎10'30	0°58'28	
minimum elong	-912 Oct 20 j 15:03	19°♎10'31	0°58'28	
morning rise	-912 Nov 02 j 04:12	21°♎59'23		
	-912 Dec 09 j 18:50	0°♏		
retrograde	-911 Mar 05 j 09:07	9°♏43'06		
opposition	-911 May 05 j 08:12	4°♏50'48	1°04'23	
min. Earth dist.	-911 May 06 j 16:59	4°♏40'21	4.26824 AU	
	-911 Jun 27 j 13:59	30°℞♎		
direct	-911 Jul 06 j 05:35	29°♎53'05		
	-911 Jul 14 j 20:04	0°♏		
	-911 Oct 25 j 09:40	15°♏		
evening set	-911 Nov 08 j 13:37	18°♏12'04		
max. Earth dist.	-911 Nov 19 j 14:38	20°♏44'38	6.20382 AU	
conjunction	-911 Nov 21 j 04:49	21°♏06'41	0°25'17	
minimum elong	-911 Nov 21 j 04:51	21°♏06'42	0°25'16	
morning rise	-911 Dec 03 j 20:08	24°♏01'36		
	-911 Dec 30 j 13:47	0°♐		
retrograde	-910 Apr 09 j 07:25	12°♐43'53		
opposition	-910 Jun 09 j 05:18	7°♐49'17	0°06'12	
min. Earth dist.	-910 Jun 10 j 00:53	7°♐42'59	4.13793 AU	
desc. node	-910 Jul 17 j 11:06	3°♐41'32		
direct	-910 Aug 08 j 18:30	2°♐54'14		
evening set	-910 Dec 11 j 16:08	21°♐45'26		
conjunction	-910 Dec 24 j 11:06	24°♐47'00	-0°17'31	
minimum elong	-910 Dec 24 j 11:04	24°♐46'59	0°17'32	
max. Earth dist.	-910 Dec 23 j 19:51	24°♐37'57	6.07761 AU	
morning rise	-909 Jan 06 j 07:41	27°♐49'39		
	-909 Jan 15 j 14:30	0°♑		
retrograde	-909 May 16 j 06:45	17°♑34'58		

Attention, astronomical year style is used: The year -909 in astronomical counting style is the year 910 BCE in historical counting style.

opposition	-909 Jul 15 j 19:48	12°♑36'49	-0°57'37	
min. Earth dist.	-909 Jul 15 j 20:22	12°♑36'38	4.02668 AU	
direct	-909 Sep 13 j 00:06	7°♑43'25		
evening set	-908 Jan 15 j 18:09	27°♑03'37		
	-908 Jan 27 j 23:54	0°♒		
conjunction	-908 Jan 28 j 19:15	0°♒11'39	-0°55'32	
minimum elong	-908 Jan 28 j 19:12	0°♒11'37	0°55'32	
max. Earth dist.	-908 Jan 29 j 09:58	0°♒20'30	5.99151 AU	
morning rise	-908 Feb 10 j 23:17	3°♒21'21		
	-908 Apr 03 j 11:28	15°♒		
retrograde	-908 Jun 22 j 03:49	23°♒49'00		
min. Earth dist.	-908 Aug 20 j 09:44	18°♒53'41	3.97628 AU	
opposition	-908 Aug 21 j 05:58	18°♒46'54	-1°41'56	
	-908 Sep 22 j 16:11	15°℞♒		
direct	-908 Oct 18 j 08:57	13°♒53'10		
	-908 Nov 13 j 00:51	15°♒		
	-907 Feb 05 j 22:51	0°♓		
evening set	-907 Feb 20 j 12:46	3°♓26'13		
conjunction	-907 Mar 05 j 21:27	6°♓38'08	-1°13'02	
minimum elong	-907 Mar 05 j 21:27	6°♓38'08	1°13'01	
max. Earth dist.	-907 Mar 07 j 14:12	7°♓02'33	5.98034 AU	
morning rise	-907 Mar 19 j 09:31	9°♓51'43		
	-907 Jul 15 j 23:53	0°♈		
retrograde	-907 Jul 29 j 09:49	0°♈17'51		
	-907 Aug 11 j 18:37	30°℞♓		
min. Earth dist.	-907 Sep 25 j 19:22	25°♓23'49	4.00685 AU	
opposition	-907 Sep 27 j 03:12	25°♓12'58	-1°46'26	
direct	-907 Nov 24 j 01:38	20°♓16'50		
	-906 Feb 14 j 07:37	0°♈		
evening set	-906 Mar 29 j 21:28	9°♈39'25		
conjunction	-906 Apr 12 j 13:20	12°♈51'23	-1°02'18	
minimum elong	-906 Apr 12 j 13:23	12°♈51'24	1°02'18	
max. Earth dist.	-906 Apr 14 j 18:19	13°♈22'27	6.04900 AU	
morning rise	-906 Apr 26 j 07:14	16°♈04'14		
	-906 Jul 02 j 09:00	0°♉		
retrograde	-906 Sep 02 j 21:14	5°♉44'56		
min. Earth dist.	-906 Oct 31 j 02:18	0°♉50'37	4.10565 AU	
opposition	-906 Nov 01 j 09:24	0°♉40'00	-1°10'45	
	-906 Nov 06 j 07:04	30°℞♈		
direct	-906 Dec 29 j 23:58	25°♈40'46		
	-905 Feb 21 j 03:55	0°♉		
evening set	-905 May 05 j 12:48	14°♉34'56		
	-905 May 07 j 09:04	15°♉		
conjunction	-905 May 19 j 07:23	17°♉42'47	-0°29'11	
minimum elong	-905 May 19 j 07:25	17°♉42'49	0°29'10	
max. Earth dist.	-905 May 21 j 01:59	18°♉07'01	6.16935 AU	
morning rise	-905 Jun 02 j 02:24	20°♉50'33		
	-905 Jul 14 j 23:58	0°♊		
retrograde	-905 Oct 06 j 01:49	9°♊26'03		
opposition	-905 Dec 04 j 16:09	4°♊23'38	-0°12'40	
min. Earth dist.	-905 Dec 03 j 19:19	4°♊30'41	4.23458 AU	
	-904 Jan 13 j 17:23	30°℞♉		
direct	-904 Feb 02 j 11:59	29°♉21'46		
	-904 Feb 22 j 12:13	0°♊		
asc. node	-904 Feb 24 j 08:54	0°♊07'17		
evening set	-904 Jun 08 j 13:58	17°♊43'10		
conjunction	-904 Jun 22 j 05:37	20°♊44'17	0°12'23	
minimum elong	-904 Jun 22 j 05:35	20°♊44'17	0°12'25	
behind sun begin	-904 Jun 22 j 00:18	20°♊41'22		
behind sun end	-904 Jun 22 j 10:52	20°♊47'11		
max. Earth dist.	-904 Jun 23 j 01:19	20°♊55'12	6.29720 AU	
morning rise	-904 Jul 05 j 19:26	23°♊44'20		
	-904 Aug 04 j 05:27	0°♋		
retrograde	-904 Nov 05 j 13:44	11°♋21'21		
opposition	-903 Jan 04 j 08:38	6°♋22'51	0°46'06	
min. Earth dist.	-903 Jan 04 j 04:39	6°♋24'10	4.35050 AU	
direct	-903 Mar 06 j 12:57	1°♋19'39		
evening set	-903 Jul 11 j 19:54	19°♋14'58		
conjunction	-903 Jul 25 j 03:59	22°♋09'03	0°48'41	
minimum elong	-903 Jul 25 j 03:57	22°♋09'02	0°48'41	
max. Earth dist.	-903 Jul 24 j 19:38	22°♋04'30	6.39224 AU	
morning rise	-903 Aug 07 j 09:19	25°♋01'39		
	-903 Aug 30 j 21:41	0°♌		
retrograde	-903 Dec 06 j 01:28	12°♌02'13		
opposition	-902 Feb 04 j 05:06	7°♌07'19	1°29'23	
min. Earth dist.	-902 Feb 04 j 18:24	7°♌02'59	4.41942 AU	
direct	-902 Apr 07 j 10:23	2°♌04'04		
	-902 Jul 20 j 23:39	15°♌		
evening set	-902 Aug 12 j 13:52	19°♌45'49		
max. Earth dist.	-902 Aug 24 j 07:30	22°♌18'33	6.42910 AU	
conjunction	-902 Aug 25 j 13:40	22°♌34'58	1°10'28	
minimum elong	-902 Aug 25 j 13:38	22°♌34'57	1°10'28	
morning rise	-902 Sep 07 j 10:12	25°♌22'36		
	-902 Sep 29 j 06:15	0°♍		
retrograde	-901 Jan 05 j 12:51	12°♍13'43		
opposition	-901 Mar 07 j 02:06	7°♍21'17	1°47'44	
min. Earth dist.	-901 Mar 08 j 05:03	7°♍12'39	4.42342 AU	
direct	-901 May 08 j 19:04	2°♍19'14		
evening set	-901 Sep 12 j 11:53	20°♍01'49		
max. Earth dist.	-901 Sep 23 j 07:35	22°♍24'23	6.39883 AU	
conjunction	-901 Sep 25 j 05:07	22°♍49'28	1°12'50	
minimum elong	-901 Sep 25 j 05:08	22°♍49'29	1°12'50	
morning rise	-901 Oct 07 j 20:02	25°♍36'04		
	-901 Oct 28 j 07:17	0°♎		
retrograde	-900 Feb 06 j 00:28	12°♎44'59		
opposition	-900 Apr 06 j 20:01	7°♎53'24	1°36'49	
min. Earth dist.	-900 Apr 08 j 06:39	7°♎42'22	4.36119 AU	
direct	-900 Jun 08 j 09:37	2°♎53'24		
evening set	-900 Oct 12 j 09:08	20°♎50'53		
max. Earth dist.	-900 Oct 23 j 01:13	23°♎14'42	6.30930 AU	
conjunction	-900 Oct 24 j 23:45	23°♎40'56	0°54'44	
minimum elong	-900 Oct 24 j 23:47	23°♎40'58	0°54'43	
morning rise	-900 Nov 06 j 12:59	26°♎30'34		
	-900 Nov 22 j 07:36	0°♏		
retrograde	-899 Mar 10 j 03:04	14°♏22'05		
opposition	-899 May 10 j 02:58	9°♏29'35	0°57'16	
min. Earth dist.	-899 May 11 j 09:29	9°♏19'52	4.24940 AU	
direct	-899 Jul 10 j 18:52	4°♏32'21		
	-899 Oct 07 j 22:23	15°♏		
evening set	-899 Nov 13 j 02:59	22°♏56'04		
max. Earth dist.	-899 Nov 24 j 07:39	25°♏31'23	6.18498 AU	
conjunction	-899 Nov 25 j 18:31	25°♏51'37	0°19'34	
minimum elong	-899 Nov 25 j 18:32	25°♏51'38	0°19'33	
morning rise	-899 Dec 08 j 10:23	28°♏47'36		
	-899 Dec 13 j 16:26	0°♐		