

	100 Jan 21 j 09:59	0°≈			104 Sep 24 j 07:41	0°♎		
	100 Feb 20 j 09:23	0°✠			104 Oct 24 j 03:47	0°♍		
	100 Mar 21 j 21:33	0°♑			104 Nov 22 j 15:43	0°♊		
	100 Apr 21 j 22:14	0°♐		min. Earth dist.	104 Dec 02 j 06:19	9°♊48'25	0.98257 AU	
	100 May 23 j 07:44	0°♑			104 Dec 22 j 01:21	0°♎		
max. Earth dist.	100 Jun 01 j 21:30	9°♑07'05	1.01749 AU		105 Jan 20 j 15:10	0°≈		
	100 Jun 23 j 19:42	0°♎			105 Feb 19 j 14:37	0°✠		
	100 Jul 25 j 03:03	0°♏			105 Mar 22 j 02:49	0°♑		
	100 Aug 25 j 00:08	0°♑			105 Apr 22 j 03:29	0°♐		
	100 Sep 24 j 08:17	0°♎			105 May 23 j 12:55	0°♑		
	100 Oct 24 j 04:21	0°♍		max. Earth dist.	105 Jun 02 j 16:58	9°♑41'08	1.01746 AU	
	100 Nov 22 j 16:17	0°♊			105 Jun 24 j 00:49	0°♎		
min. Earth dist.	100 Dec 03 j 04:46	10°♊44'09	0.98252 AU		105 Jul 25 j 08:07	0°♏		
	100 Dec 22 j 01:58	0°♎			105 Aug 25 j 05:11	0°♑		
	101 Jan 20 j 15:48	0°≈			105 Sep 24 j 13:22	0°♎		
	101 Feb 19 j 15:15	0°✠			105 Oct 24 j 09:29	0°♍		
	101 Mar 22 j 03:26	0°♑			105 Nov 22 j 21:27	0°♊		
	101 Apr 22 j 04:06	0°♐		min. Earth dist.	105 Dec 04 j 07:56	11°♊40'29	0.98256 AU	
	101 May 23 j 13:34	0°♑			105 Dec 22 j 07:09	0°♎		
max. Earth dist.	101 Jun 04 j 18:20	11°♑36'40	1.01745 AU		106 Jan 20 j 20:59	0°≈		
	101 Jun 24 j 01:31	0°♎			106 Feb 19 j 20:25	0°✠		
	101 Jul 25 j 08:54	0°♏			106 Mar 22 j 08:34	0°♑		
	101 Aug 25 j 06:01	0°♑			106 Apr 22 j 09:12	0°♐		
	101 Sep 24 j 14:10	0°♎			106 May 23 j 18:37	0°♑		
	101 Oct 24 j 10:15	0°♍		max. Earth dist.	106 Jun 03 j 13:19	10°♑15'47	1.01741 AU	
	101 Nov 22 j 22:11	0°♊			106 Jun 24 j 06:30	0°♎		
min. Earth dist.	101 Dec 01 j 21:15	9°♊08'37	0.98257 AU		106 Jul 25 j 13:50	0°♏		
	101 Dec 22 j 07:53	0°♎			106 Aug 25 j 10:56	0°♑		
	102 Jan 20 j 21:44	0°≈			106 Sep 24 j 19:08	0°♎		
	102 Feb 19 j 21:11	0°✠			106 Oct 24 j 15:14	0°♍		
	102 Mar 22 j 09:20	0°♑			106 Nov 23 j 03:11	0°♊		
	102 Apr 22 j 09:57	0°♐		min. Earth dist.	106 Dec 02 j 11:24	9°♊31'55	0.98253 AU	
	102 May 23 j 19:22	0°♑			106 Dec 22 j 12:50	0°♎		
max. Earth dist.	102 Jun 03 j 20:41	10°♑31'43	1.01747 AU		107 Jan 21 j 02:38	0°≈		
	102 Jun 24 j 07:16	0°♎			107 Feb 20 j 02:02	0°✠		
	102 Jul 25 j 14:39	0°♏			107 Mar 22 j 14:09	0°♑		
	102 Aug 25 j 11:49	0°♑			107 Apr 22 j 14:49	0°♐		
	102 Sep 24 j 20:02	0°♎			107 May 24 j 00:18	0°♑		
	102 Oct 24 j 16:09	0°♍		max. Earth dist.	107 Jun 05 j 01:10	11°♑27'28	1.01750 AU	
	102 Nov 23 j 04:06	0°♊			107 Jun 24 j 12:18	0°♎		
min. Earth dist.	102 Dec 04 j 16:52	11°♊46'22	0.98256 AU		107 Jul 25 j 19:43	0°♏		
	102 Dec 22 j 13:47	0°♎			107 Aug 25 j 16:54	0°♑		
	103 Jan 21 j 03:37	0°≈			107 Sep 25 j 01:06	0°♎		
	103 Feb 20 j 03:04	0°✠			107 Oct 24 j 21:11	0°♍		
	103 Mar 22 j 15:12	0°♑			107 Nov 23 j 09:05	0°♊		
	103 Apr 22 j 15:48	0°♐		min. Earth dist.	107 Dec 04 j 00:37	10°♊52'10	0.98255 AU	
	103 May 24 j 01:11	0°♑			107 Dec 22 j 18:42	0°♎		
max. Earth dist.	103 Jun 03 j 00:55	9°♑30'46	1.01742 AU		108 Jan 21 j 08:29	0°≈		
	103 Jun 24 j 13:04	0°♎			108 Feb 20 j 07:54	0°✠		
	103 Jul 25 j 20:26	0°♏			108 Mar 21 j 20:02	0°♑		
	103 Aug 25 j 17:35	0°♑			108 Apr 21 j 20:41	0°♐		
	103 Sep 25 j 01:48	0°♎			108 May 23 j 06:09	0°♑		
	103 Oct 24 j 21:54	0°♍		max. Earth dist.	108 Jun 02 j 01:50	9°♑21'12	1.01750 AU	
	103 Nov 23 j 09:48	0°♊			108 Jun 23 j 18:07	0°♎		
min. Earth dist.	103 Dec 03 j 07:05	10°♊05'19	0.98250 AU		108 Jul 25 j 01:30	0°♏		
	103 Dec 22 j 19:26	0°♎			108 Aug 24 j 22:38	0°♑		
	104 Jan 21 j 09:14	0°≈			108 Sep 24 j 06:48	0°♎		
	104 Feb 20 j 08:42	0°✠			108 Oct 24 j 02:52	0°♍		
	104 Mar 21 j 20:53	0°♑			108 Nov 22 j 14:45	0°♊		
	104 Apr 21 j 21:34	0°♐		min. Earth dist.	108 Dec 03 j 10:44	11°♊03'26	0.98249 AU	
	104 May 23 j 07:02	0°♑			108 Dec 22 j 00:22	0°♎		
max. Earth dist.	104 Jun 04 j 14:32	11°♑43'13	1.01746 AU		109 Jan 20 j 14:10	0°≈		
	104 Jun 23 j 18:59	0°♎			109 Feb 19 j 13:36	0°✠		
	104 Jul 25 j 02:21	0°♏			109 Mar 22 j 01:46	0°♑		
	104 Aug 24 j 23:29	0°♑			109 Apr 22 j 02:25	0°♐		

	109 May 23 j 11:52	0°II			114 Feb 19 j 18:55	0°H		
max. Earth dist.	109 Jun 04 j 12:25	11°II26'41	1.01745 AU		114 Mar 22 j 06:58	0°Y		
	109 Jun 23 j 23:49	0°S			114 Apr 22 j 07:29	0°B		
	109 Jul 25 j 07:14	0°Q			114 May 23 j 16:48	0°II		
	109 Aug 25 j 04:24	0°P		max. Earth dist.	114 Jun 03 j 08:59	10°II09'53	1.01739 AU	
	109 Sep 24 j 12:38	0°A			114 Jun 24 j 04:40	0°S		
	109 Oct 24 j 08:45	0°M			114 Jul 25 j 12:03	0°Q		
	109 Nov 22 j 20:39	0°J			114 Aug 25 j 09:16	0°P		
min. Earth dist.	109 Dec 01 j 23:55	9°J19'19	0.98252 AU		114 Sep 24 j 17:35	0°A		
	109 Dec 22 j 06:16	0°Z			114 Oct 24 j 13:47	0°M		
	110 Jan 20 j 20:02	0°X		min. Earth dist.	114 Nov 23 j 01:46	0°J		
	110 Feb 19 j 19:24	0°H			114 Dec 02 j 19:13	9°J55'28	0.98253 AU	
	110 Mar 22 j 07:30	0°Y			114 Dec 22 j 11:25	0°Z		
	110 Apr 22 j 08:07	0°B			115 Jan 21 j 01:12	0°X		
	110 May 23 j 17:33	0°II			115 Feb 20 j 00:34	0°H		
max. Earth dist.	110 Jun 04 j 04:48	10°II55'16	1.01749 AU		115 Mar 22 j 12:38	0°Y		
	110 Jun 24 j 05:29	0°S			115 Apr 22 j 13:12	0°B		
	110 Jul 25 j 12:55	0°Q			115 May 23 j 22:36	0°II		
	110 Aug 25 j 10:09	0°P		max. Earth dist.	115 Jun 05 j 10:03	11°II52'42	1.01745 AU	
	110 Sep 24 j 18:28	0°A			115 Jun 24 j 10:32	0°S		
	110 Oct 24 j 14:39	0°M			115 Jul 25 j 17:59	0°Q		
	110 Nov 23 j 02:36	0°J			115 Aug 25 j 15:14	0°P		
min. Earth dist.	110 Dec 04 j 20:05	11°J58'29	0.98254 AU		115 Sep 24 j 23:34	0°A		
	110 Dec 22 j 12:13	0°Z			115 Oct 24 j 19:46	0°M		
	111 Jan 21 j 01:57	0°X			115 Nov 23 j 07:44	0°J		
	111 Feb 20 j 01:16	0°H		min. Earth dist.	115 Dec 03 j 17:37	10°J37'39	0.98257 AU	
	111 Mar 22 j 13:19	0°Y			115 Dec 22 j 17:23	0°Z		
	111 Apr 22 j 13:54	0°B			116 Jan 21 j 07:08	0°X		
	111 May 23 j 23:18	0°II			116 Feb 20 j 06:31	0°H		
max. Earth dist.	111 Jun 02 j 22:12	9°II28'50	1.01746 AU		116 Mar 21 j 18:36	0°Y		
	111 Jun 24 j 11:14	0°S			116 Apr 21 j 19:13	0°B		
	111 Jul 25 j 18:39	0°Q			116 May 23 j 04:37	0°II		
	111 Aug 25 j 15:53	0°P		max. Earth dist.	116 Jun 02 j 06:39	9°II36'21	1.01746 AU	
	111 Sep 25 j 00:10	0°A			116 Jun 23 j 16:32	0°S		
	111 Oct 24 j 20:20	0°M			116 Jul 24 j 23:54	0°Q		
	111 Nov 23 j 08:18	0°J			116 Aug 24 j 21:04	0°P		
min. Earth dist.	111 Dec 03 j 18:46	10°J39'01	0.98250 AU		116 Sep 24 j 05:20	0°A		
	111 Dec 22 j 17:55	0°Z			116 Oct 24 j 01:31	0°M		
	112 Jan 21 j 07:39	0°X			116 Nov 22 j 13:30	0°J		
	112 Feb 20 j 06:59	0°H		min. Earth dist.	116 Dec 03 j 21:02	11°J32'54	0.98254 AU	
	112 Mar 21 j 19:03	0°Y			116 Dec 21 j 23:10	0°Z		
	112 Apr 21 j 19:39	0°B			117 Jan 20 j 12:58	0°X		
	112 May 23 j 05:06	0°II			117 Feb 19 j 12:21	0°H		
max. Earth dist.	112 Jun 04 j 18:46	11°II57'50	1.01748 AU		117 Mar 22 j 00:28	0°Y		
	112 Jun 23 j 17:05	0°S			117 Apr 22 j 01:04	0°B		
	112 Jul 25 j 00:32	0°Q			117 May 23 j 10:28	0°II		
	112 Aug 24 j 21:45	0°P		max. Earth dist.	117 Jun 03 j 23:42	10°II59'50	1.01741 AU	
	112 Sep 24 j 06:02	0°A			117 Jun 23 j 22:22	0°S		
	112 Oct 24 j 02:12	0°M			117 Jul 25 j 05:44	0°Q		
	112 Nov 22 j 14:11	0°J			117 Aug 25 j 02:55	0°P		
min. Earth dist.	112 Dec 02 j 01:44	9°J40'31	0.98258 AU		117 Sep 24 j 11:11	0°A		
	112 Dec 21 j 23:51	0°Z			117 Oct 24 j 07:22	0°M		
	113 Jan 20 j 13:38	0°X			117 Nov 22 j 19:22	0°J		
	113 Feb 19 j 12:59	0°H		min. Earth dist.	117 Dec 02 j 03:47	9°J32'24	0.98256 AU	
	113 Mar 22 j 01:03	0°Y			117 Dec 22 j 05:03	0°Z		
	113 Apr 22 j 01:37	0°B			118 Jan 20 j 18:51	0°X		
	113 May 23 j 11:00	0°II			118 Feb 19 j 18:12	0°H		
max. Earth dist.	113 Jun 03 j 05:54	10°II16'29	1.01746 AU		118 Mar 22 j 06:14	0°Y		
	113 Jun 23 j 22:55	0°S			118 Apr 22 j 06:49	0°B		
	113 Jul 25 j 06:19	0°Q			118 May 23 j 16:13	0°II		
	113 Aug 25 j 03:30	0°P		max. Earth dist.	118 Jun 04 j 12:08	11°II15'50	1.01747 AU	
	113 Sep 24 j 11:46	0°A			118 Jun 24 j 04:09	0°S		
	113 Oct 24 j 07:57	0°M			118 Jul 25 j 11:34	0°Q		
	113 Nov 22 j 19:58	0°J			118 Aug 25 j 08:48	0°P		
min. Earth dist.	113 Dec 04 j 12:18	11°J55'26	0.98259 AU		118 Sep 24 j 17:06	0°A		
	113 Dec 22 j 05:41	0°Z			118 Oct 24 j 13:18	0°M		
	114 Jan 20 j 19:32	0°X			118 Nov 23 j 01:19	0°J		

min. Earth dist.	118 Dec 04 j 12:24	11°♄42'03	0.98259 AU		123 Sep 24 j 22:21	0°♅	
	118 Dec 22 j 11:00	0°♄			123 Oct 24 j 18:36	0°♆	
	119 Jan 21 j 00:47	0°♁			123 Nov 23 j 06:35	0°♄	
	119 Feb 20 j 00:07	0°♂		min. Earth dist.	123 Dec 03 j 11:55	10°♄26'00	0.98256 AU
	119 Mar 22 j 12:09	0°♂			123 Dec 22 j 16:12	0°♄	
	119 Apr 22 j 12:41	0°♂			124 Jan 21 j 05:53	0°♁	
	119 May 23 j 22:04	0°♆			124 Feb 20 j 05:08	0°♂	
max. Earth dist.	119 Jun 02 j 23:00	9°♆33'43	1.01747 AU		124 Mar 21 j 17:06	0°♂	
	119 Jun 24 j 10:01	0°♅			124 Apr 21 j 17:39	0°♂	
	119 Jul 25 j 17:27	0°♅			124 May 23 j 03:03	0°♆	
	119 Aug 25 j 14:40	0°♆		max. Earth dist.	124 Jun 02 j 15:49	10°♆01'50	1.01750 AU
	119 Sep 24 j 22:56	0°♅			124 Jun 23 j 15:02	0°♅	
	119 Oct 24 j 19:05	0°♆			124 Jul 24 j 22:30	0°♅	
	119 Nov 23 j 07:02	0°♄			124 Aug 24 j 19:44	0°♆	
min. Earth dist.	119 Dec 03 j 23:13	10°♄53'39	0.98250 AU		124 Sep 24 j 04:04	0°♅	
	119 Dec 22 j 16:40	0°♄			124 Oct 24 j 00:17	0°♆	
	120 Jan 21 j 06:26	0°♁			124 Nov 22 j 12:18	0°♄	
	120 Feb 20 j 05:47	0°♂		min. Earth dist.	124 Dec 04 j 05:09	11°♄56'44	0.98255 AU
	120 Mar 21 j 17:52	0°♂			124 Dec 21 j 21:58	0°♄	
	120 Apr 21 j 18:27	0°♂			125 Jan 20 j 11:43	0°♁	
	120 May 23 j 03:52	0°♆			125 Feb 19 j 11:01	0°♂	
max. Earth dist.	120 Jun 04 j 17:43	11°♆58'16	1.01747 AU		125 Mar 21 j 22:59	0°♂	
	120 Jun 23 j 15:51	0°♅			125 Apr 21 j 23:29	0°♂	
	120 Jul 24 j 23:20	0°♅			125 May 23 j 08:49	0°♆	
	120 Aug 24 j 20:35	0°♆		max. Earth dist.	125 Jun 03 j 18:26	10°♆51'18	1.01742 AU
	120 Sep 24 j 04:52	0°♅			125 Jun 23 j 20:44	0°♅	
	120 Oct 24 j 01:01	0°♆			125 Jul 25 j 04:12	0°♅	
	120 Nov 22 j 12:57	0°♄			125 Aug 25 j 01:28	0°♆	
min. Earth dist.	120 Dec 01 j 19:18	9°♄27'15	0.98253 AU		125 Sep 24 j 09:49	0°♅	
	120 Dec 21 j 22:34	0°♄			125 Oct 24 j 06:02	0°♆	
	121 Jan 20 j 12:19	0°♁			125 Nov 22 j 18:03	0°♄	
	121 Feb 19 j 11:41	0°♂		min. Earth dist.	125 Dec 02 j 09:10	9°♄49'29	0.98256 AU
	121 Mar 21 j 23:46	0°♂			125 Dec 22 j 03:44	0°♄	
	121 Apr 22 j 00:21	0°♂			126 Jan 20 j 17:30	0°♁	
	121 May 23 j 09:45	0°♆			126 Feb 19 j 16:46	0°♂	
max. Earth dist.	121 Jun 03 j 13:53	10°♆38'24	1.01748 AU		126 Mar 22 j 04:43	0°♂	
	121 Jun 23 j 21:40	0°♅			126 Apr 22 j 05:10	0°♂	
	121 Jul 25 j 05:06	0°♅			126 May 23 j 14:28	0°♆	
	121 Aug 25 j 02:21	0°♆		max. Earth dist.	126 Jun 05 j 00:24	11°♆49'10	1.01745 AU
	121 Sep 24 j 10:40	0°♅			126 Jun 24 j 02:24	0°♅	
	121 Oct 24 j 06:52	0°♆			126 Jul 25 j 09:53	0°♅	
	121 Nov 22 j 18:50	0°♄			126 Aug 25 j 07:14	0°♆	
min. Earth dist.	121 Dec 04 j 14:31	12°♄04'04	0.98255 AU		126 Sep 24 j 15:39	0°♅	
	121 Dec 22 j 04:29	0°♄			126 Oct 24 j 11:56	0°♆	
	122 Jan 20 j 18:14	0°♁			126 Nov 22 j 23:58	0°♄	
	122 Feb 19 j 17:34	0°♂		min. Earth dist.	126 Dec 04 j 05:28	11°♄27'48	0.98259 AU
	122 Mar 22 j 05:36	0°♂			126 Dec 22 j 09:38	0°♄	
	122 Apr 22 j 06:09	0°♂			127 Jan 20 j 23:22	0°♁	
	122 May 23 j 15:30	0°♆			127 Feb 19 j 22:39	0°♂	
max. Earth dist.	122 Jun 02 j 22:45	9°♆48'42	1.01742 AU		127 Mar 22 j 10:36	0°♂	
	122 Jun 24 j 03:23	0°♅			127 Apr 22 j 11:03	0°♂	
	122 Jul 25 j 10:49	0°♅			127 May 23 j 20:21	0°♆	
	122 Aug 25 j 08:05	0°♆		max. Earth dist.	127 Jun 03 j 04:33	9°♆51'04	1.01744 AU
	122 Sep 24 j 16:27	0°♅			127 Jun 24 j 08:15	0°♅	
	122 Oct 24 j 12:41	0°♆			127 Jul 25 j 15:42	0°♅	
	122 Nov 23 j 00:39	0°♄			127 Aug 25 j 13:00	0°♆	
min. Earth dist.	122 Dec 03 j 06:12	10°♄26'24	0.98249 AU		127 Sep 24 j 21:23	0°♅	
	122 Dec 22 j 10:15	0°♄			127 Oct 24 j 17:39	0°♆	
	123 Jan 20 j 23:56	0°♁			127 Nov 23 j 05:39	0°♄	
	123 Feb 19 j 23:11	0°♂		min. Earth dist.	127 Dec 04 j 10:09	11°♄25'07	0.98252 AU
	123 Mar 22 j 11:10	0°♂			127 Dec 22 j 15:17	0°♄	
	123 Apr 22 j 11:43	0°♂			128 Jan 21 j 05:00	0°♁	
	123 May 23 j 21:09	0°♆			128 Feb 20 j 04:17	0°♂	
max. Earth dist.	123 Jun 05 j 14:01	12°♆05'29	1.01749 AU		128 Mar 21 j 16:16	0°♂	
	123 Jun 24 j 09:09	0°♅			128 Apr 21 j 16:47	0°♂	
	123 Jul 25 j 16:39	0°♅			128 May 23 j 02:08	0°♆	
	123 Aug 25 j 13:57	0°♆		max. Earth dist.	128 Jun 04 j 13:02	11°♆51'22	1.01742 AU

	128 Jun 23 j 14:03	0°☾		133 Apr 21 j 21:51	0°♄	
	128 Jul 24 j 21:30	0°♂		133 May 23 j 07:11	0°♂	
	128 Aug 24 j 18:47	0°♍	max. Earth dist.	133 Jun 03 j 05:11	10°♂23'42	1.01742 AU
	128 Sep 24 j 03:10	0°♊		133 Jun 23 j 19:06	0°☾	
	128 Oct 23 j 23:26	0°♌		133 Jul 25 j 02:35	0°♂	
	128 Nov 22 j 11:27	0°♊		133 Aug 24 j 23:55	0°♍	
min. Earth dist.	128 Dec 01 j 23:38	9°♊42'03	0.98256 AU	133 Sep 24 j 08:19	0°♊	
	128 Dec 21 j 21:06	0°♄		133 Oct 24 j 04:35	0°♌	
	129 Jan 20 j 10:50	0°♌		133 Nov 22 j 16:35	0°♊	
	129 Feb 19 j 10:08	0°♋	min. Earth dist.	133 Dec 02 j 16:17	10°♊11'27	0.98251 AU
	129 Mar 21 j 22:08	0°♍		133 Dec 22 j 02:13	0°♄	
	129 Apr 21 j 22:38	0°♄		134 Jan 20 j 15:54	0°♌	
	129 May 23 j 07:59	0°♂		134 Feb 19 j 15:07	0°♋	
max. Earth dist.	129 Jun 03 j 21:58	11°♂01'48	1.01745 AU	134 Mar 22 j 03:03	0°♍	
	129 Jun 23 j 19:53	0°☾		134 Apr 22 j 03:31	0°♄	
	129 Jul 25 j 03:18	0°♂		134 May 23 j 12:51	0°♂	
	129 Aug 25 j 00:33	0°♍	max. Earth dist.	134 Jun 05 j 05:42	12°♂05'32	1.01746 AU
	129 Sep 24 j 08:55	0°♊		134 Jun 24 j 00:49	0°☾	
	129 Oct 24 j 05:12	0°♌		134 Jul 25 j 08:20	0°♂	
	129 Nov 22 j 17:16	0°♊		134 Aug 25 j 05:44	0°♍	
min. Earth dist.	129 Dec 04 j 15:22	12°♊10'11	0.98260 AU	134 Sep 24 j 14:14	0°♊	
	129 Dec 22 j 02:59	0°♄		134 Oct 24 j 10:34	0°♌	
	130 Jan 20 j 16:44	0°♌		134 Nov 22 j 22:37	0°♊	
	130 Feb 19 j 16:02	0°♋	min. Earth dist.	134 Dec 03 j 22:20	11°♊12'59	0.98257 AU
	130 Mar 22 j 03:59	0°♍		134 Dec 22 j 08:15	0°♄	
	130 Apr 22 j 04:27	0°♄		135 Jan 20 j 21:54	0°♌	
	130 May 23 j 13:45	0°♂		135 Feb 19 j 21:05	0°♋	
max. Earth dist.	130 Jun 02 j 19:05	9°♂44'10	1.01742 AU	135 Mar 22 j 08:58	0°♍	
	130 Jun 24 j 01:38	0°☾		135 Apr 22 j 09:25	0°♄	
	130 Jul 25 j 09:03	0°♂		135 May 23 j 18:46	0°♂	
	130 Aug 25 j 06:19	0°♍	max. Earth dist.	135 Jun 03 j 08:49	10°♂04'57	1.01749 AU
	130 Sep 24 j 14:42	0°♊		135 Jun 24 j 06:44	0°☾	
	130 Oct 24 j 10:57	0°♌		135 Jul 25 j 14:15	0°♂	
	130 Nov 22 j 22:59	0°♊		135 Aug 25 j 11:36	0°♍	
min. Earth dist.	130 Dec 03 j 12:58	10°♊47'56	0.98253 AU	135 Sep 24 j 20:03	0°♊	
	130 Dec 22 j 08:39	0°♄		135 Oct 24 j 16:22	0°♌	
	131 Jan 20 j 22:22	0°♌		135 Nov 23 j 04:24	0°♊	
	131 Feb 19 j 21:37	0°♋	min. Earth dist.	135 Dec 04 j 19:43	11°♊52'46	0.98252 AU
	131 Mar 22 j 09:34	0°♍		135 Dec 22 j 14:02	0°♄	
	131 Apr 22 j 10:02	0°♄		136 Jan 21 j 03:42	0°♌	
	131 May 23 j 19:25	0°♂		136 Feb 20 j 02:54	0°♋	
max. Earth dist.	131 Jun 05 j 17:01	12°♂16'45	1.01746 AU	136 Mar 21 j 14:47	0°♍	
	131 Jun 24 j 07:24	0°☾		136 Apr 21 j 15:14	0°♄	
	131 Jul 25 j 14:55	0°♂		136 May 23 j 00:35	0°♂	
	131 Aug 25 j 12:15	0°♍	max. Earth dist.	136 Jun 04 j 06:00	11°♂38'18	1.01745 AU
	131 Sep 24 j 20:39	0°♊		136 Jun 23 j 12:34	0°☾	
	131 Oct 24 j 16:54	0°♌		136 Jul 24 j 20:06	0°♂	
	131 Nov 23 j 04:53	0°♊		136 Aug 24 j 17:28	0°♍	
min. Earth dist.	131 Dec 02 j 23:22	9°♊58'13	0.98256 AU	136 Sep 24 j 01:54	0°♊	
	131 Dec 22 j 14:31	0°♄		136 Oct 23 j 22:12	0°♌	
	132 Jan 21 j 04:14	0°♌		136 Nov 22 j 10:15	0°♊	
	132 Feb 20 j 03:30	0°♋	min. Earth dist.	136 Dec 02 j 03:21	9°♊54'32	0.98255 AU
	132 Mar 21 j 15:29	0°♍		136 Dec 21 j 19:55	0°♄	
	132 Apr 21 j 15:59	0°♄		137 Jan 20 j 09:38	0°♌	
	132 May 23 j 01:22	0°♂		137 Feb 19 j 08:51	0°♋	
max. Earth dist.	132 Jun 03 j 00:27	10°♂26'23	1.01750 AU	137 Mar 21 j 20:45	0°♍	
	132 Jun 23 j 13:20	0°☾		137 Apr 21 j 21:10	0°♄	
	132 Jul 24 j 20:50	0°♂		137 May 23 j 06:28	0°♂	
	132 Aug 24 j 18:07	0°♍	max. Earth dist.	137 Jun 04 j 09:58	11°♂33'53	1.01746 AU
	132 Sep 24 j 02:29	0°♊		137 Jun 23 j 18:24	0°☾	
	132 Oct 23 j 22:43	0°♌		137 Jul 25 j 01:55	0°♂	
	132 Nov 22 j 10:42	0°♊		137 Aug 24 j 23:17	0°♍	
min. Earth dist.	132 Dec 04 j 06:49	12°♊05'09	0.98254 AU	137 Sep 24 j 07:44	0°♊	
	132 Dec 21 j 20:20	0°♄		137 Oct 24 j 04:04	0°♌	
	133 Jan 20 j 10:04	0°♌		137 Nov 22 j 16:08	0°♊	
	133 Feb 19 j 09:21	0°♋	min. Earth dist.	137 Dec 04 j 11:23	12°♊02'50	0.98260 AU
	133 Mar 21 j 21:21	0°♍		137 Dec 22 j 01:51	0°♄	

	138 Jan 20 j 15:35	0°≈			142 Nov 22 j 21:16	0°♁	
	138 Feb 19 j 14:50	0°✕		min. Earth dist.	142 Dec 03 j 09:01	10°♁42'18	0.98260 AU
	138 Mar 22 j 02:43	0°Υ			142 Dec 22 j 06:56	0°☾	
	138 Apr 22 j 03:06	0°♂			143 Jan 20 j 20:37	0°≈	
	138 May 23 j 12:21	0°♂			143 Feb 19 j 19:48	0°✕	
max. Earth dist.	138 Jun 02 j 23:15	9°♂57'31	1.01741 AU		143 Mar 22 j 07:38	0°Υ	
	138 Jun 24 j 00:13	0°☾			143 Apr 22 j 08:00	0°♂	
	138 Jul 25 j 07:42	0°♂		max. Earth dist.	143 May 23 j 17:18	0°♂	
	138 Aug 25 j 05:04	0°♂			143 Jun 03 j 16:34	10°♂26'53	1.01748 AU
	138 Sep 24 j 13:33	0°♂			143 Jun 24 j 05:15	0°☾	
	138 Oct 24 j 09:53	0°♂			143 Jul 25 j 12:48	0°♂	
	138 Nov 22 j 21:56	0°♁			143 Aug 25 j 10:12	0°♂	
min. Earth dist.	138 Dec 03 j 22:41	11°♁15'28	0.98252 AU		143 Sep 24 j 18:39	0°♂	
	138 Dec 22 j 07:34	0°☾			143 Oct 24 j 14:57	0°♂	
	139 Jan 20 j 21:15	0°≈			143 Nov 23 j 02:59	0°♁	
	139 Feb 19 j 20:28	0°✕		min. Earth dist.	143 Dec 04 j 23:15	12°♁05'27	0.98253 AU
	139 Mar 22 j 08:21	0°Υ			143 Dec 22 j 12:37	0°☾	
	139 Apr 22 j 08:46	0°♂			144 Jan 21 j 02:17	0°≈	
	139 May 23 j 18:04	0°♂			144 Feb 20 j 01:29	0°✕	
max. Earth dist.	139 Jun 05 j 18:27	12°♂23'26	1.01743 AU		144 Mar 21 j 13:22	0°Υ	
	139 Jun 24 j 06:00	0°☾			144 Apr 21 j 13:46	0°♂	
	139 Jul 25 j 13:33	0°♂			144 May 22 j 23:04	0°♂	
	139 Aug 25 j 10:57	0°♂		max. Earth dist.	144 Jun 03 j 18:05	11°♂13'38	1.01744 AU
	139 Sep 24 j 19:28	0°♂			144 Jun 23 j 11:01	0°☾	
	139 Oct 24 j 15:49	0°♂			144 Jul 24 j 18:34	0°♂	
	139 Nov 23 j 03:51	0°♁			144 Aug 24 j 15:59	0°♂	
min. Earth dist.	139 Dec 02 j 23:52	10°♁02'04	0.98255 AU		144 Sep 24 j 00:27	0°♂	
	139 Dec 22 j 13:29	0°☾			144 Oct 23 j 20:45	0°♂	
	140 Jan 21 j 03:08	0°≈			144 Nov 22 j 08:47	0°♁	
	140 Feb 20 j 02:20	0°✕		min. Earth dist.	144 Dec 02 j 06:46	10°♁07'04	0.98252 AU
	140 Mar 21 j 14:14	0°Υ			144 Dec 21 j 18:24	0°☾	
	140 Apr 21 j 14:42	0°♂			145 Jan 20 j 08:04	0°≈	
	140 May 23 j 00:02	0°♂			145 Feb 19 j 07:16	0°✕	
max. Earth dist.	140 Jun 03 j 09:19	10°♂50'38	1.01747 AU		145 Mar 21 j 19:09	0°Υ	
	140 Jun 23 j 11:58	0°☾			145 Apr 21 j 19:32	0°♂	
	140 Jul 24 j 19:27	0°♂			145 May 23 j 04:49	0°♂	
	140 Aug 24 j 16:47	0°♂		max. Earth dist.	145 Jun 04 j 17:23	11°♂55'25	1.01745 AU
	140 Sep 24 j 01:14	0°♂			145 Jun 23 j 16:45	0°☾	
	140 Oct 23 j 21:33	0°♂			145 Jul 25 j 00:17	0°♂	
	140 Nov 22 j 09:37	0°♁			145 Aug 24 j 21:42	0°♂	
min. Earth dist.	140 Dec 04 j 12:38	12°♁22'42	0.98257 AU		145 Sep 24 j 06:14	0°♂	
	140 Dec 21 j 19:17	0°☾			145 Oct 24 j 02:36	0°♂	
	141 Jan 20 j 08:59	0°≈			145 Nov 22 j 14:40	0°♁	
	141 Feb 19 j 08:12	0°✕		min. Earth dist.	145 Dec 04 j 05:18	11°♁51'04	0.98258 AU
	141 Mar 21 j 20:07	0°Υ			145 Dec 22 j 00:19	0°☾	
	141 Apr 21 j 20:33	0°♂			146 Jan 20 j 13:58	0°≈	
	141 May 23 j 05:51	0°♂			146 Feb 19 j 13:09	0°✕	
max. Earth dist.	141 Jun 02 j 20:00	10°♂05'08	1.01741 AU		146 Mar 22 j 00:59	0°Υ	
	141 Jun 23 j 17:45	0°☾			146 Apr 22 j 01:22	0°♂	
	141 Jul 25 j 01:12	0°♂			146 May 23 j 10:37	0°♂	
	141 Aug 24 j 22:32	0°♂		max. Earth dist.	146 Jun 03 j 01:11	10°♂06'14	1.01744 AU
	141 Sep 24 j 06:58	0°♂			146 Jun 23 j 22:31	0°☾	
	141 Oct 24 j 03:18	0°♂			146 Jul 25 j 06:01	0°♂	
	141 Nov 22 j 15:23	0°♁			146 Aug 25 j 03:26	0°♂	
min. Earth dist.	141 Dec 03 j 01:13	10°♁37'15	0.98255 AU		146 Sep 24 j 12:00	0°♂	
	141 Dec 22 j 01:05	0°☾			146 Oct 24 j 08:24	0°♂	
	142 Jan 20 j 14:46	0°≈			146 Nov 22 j 20:28	0°♁	
	142 Feb 19 j 13:57	0°✕		min. Earth dist.	146 Dec 04 j 09:25	11°♁46'40	0.98251 AU
	142 Mar 22 j 01:47	0°Υ			146 Dec 22 j 06:05	0°☾	
	142 Apr 22 j 02:09	0°♂			147 Jan 20 j 19:41	0°≈	
	142 May 23 j 11:27	0°♂			147 Feb 19 j 18:47	0°✕	
max. Earth dist.	142 Jun 05 j 11:27	12°♂22'33	1.01744 AU		147 Mar 22 j 06:34	0°Υ	
	142 Jun 23 j 23:24	0°☾			147 Apr 22 j 06:56	0°♂	
	142 Jul 25 j 06:56	0°♂			147 May 23 j 16:14	0°♂	
	142 Aug 25 j 04:20	0°♂		max. Earth dist.	147 Jun 05 j 14:24	12°♂18'08	1.01745 AU
	142 Sep 24 j 12:50	0°♂			147 Jun 24 j 04:13	0°☾	
	142 Oct 24 j 09:11	0°♂			147 Jul 25 j 11:47	0°♂	

	147 Aug 25 j 09:15	0°♎		max. Earth dist.	152 Jun 03 j 03:16	10°♊42'14	1.01741 AU
	147 Sep 24 j 17:49	0°♏			152 Jun 23 j 09:25	0°♏	
	147 Oct 24 j 14:13	0°♎			152 Jul 24 j 16:56	0°♏	
	147 Nov 23 j 02:19	0°♎			152 Aug 24 j 14:22	0°♎	
min. Earth dist.	147 Dec 03 j 01:29	10°♎10'03	0.98255 AU		152 Sep 23 j 22:55	0°♏	
	147 Dec 22 j 11:57	0°♏			152 Oct 23 j 19:18	0°♎	
	148 Jan 21 j 01:34	0°♎			152 Nov 22 j 07:25	0°♎	
	148 Feb 20 j 00:40	0°♎		min. Earth dist.	152 Dec 02 j 14:51	10°♎31'09	0.98254 AU
	148 Mar 21 j 12:28	0°♎			152 Dec 21 j 17:04	0°♏	
	148 Apr 21 j 12:50	0°♏			153 Jan 20 j 06:44	0°♎	
	148 May 22 j 22:09	0°♊			153 Feb 19 j 05:52	0°♎	
max. Earth dist.	148 Jun 03 j 20:21	11°♊21'18	1.01749 AU		153 Mar 21 j 17:41	0°♎	
	148 Jun 23 j 10:07	0°♏			153 Apr 21 j 18:03	0°♏	
	148 Jul 24 j 17:41	0°♏			153 May 23 j 03:19	0°♊	
	148 Aug 24 j 15:06	0°♎		max. Earth dist.	153 Jun 04 j 22:47	12°♊11'51	1.01743 AU
	148 Sep 23 j 23:36	0°♏			153 Jun 23 j 15:14	0°♏	
	148 Oct 23 j 19:59	0°♎			153 Jul 24 j 22:45	0°♏	
	148 Nov 22 j 08:05	0°♎			153 Aug 24 j 20:11	0°♎	
min. Earth dist.	148 Dec 04 j 12:15	12°♎25'37	0.98260 AU		153 Sep 24 j 04:44	0°♏	
	148 Dec 21 j 17:47	0°♏			153 Oct 24 j 01:09	0°♎	
	149 Jan 20 j 07:28	0°♎			153 Nov 22 j 13:18	0°♎	
	149 Feb 19 j 06:38	0°♎		min. Earth dist.	153 Dec 03 j 17:06	11°♎23'18	0.98262 AU
	149 Mar 21 j 18:27	0°♎			153 Dec 21 j 23:00	0°♏	
	149 Apr 21 j 18:47	0°♏			154 Jan 20 j 12:41	0°♎	
	149 May 23 j 04:01	0°♊			154 Feb 19 j 11:50	0°♎	
max. Earth dist.	149 Jun 02 j 20:20	10°♊10'20	1.01741 AU		154 Mar 21 j 23:37	0°♎	
	149 Jun 23 j 15:55	0°♏			154 Apr 21 j 23:57	0°♏	
	149 Jul 24 j 23:26	0°♏			154 May 23 j 09:12	0°♊	
	149 Aug 24 j 20:51	0°♎		max. Earth dist.	154 Jun 03 j 06:10	10°♊21'28	1.01745 AU
	149 Sep 24 j 05:23	0°♏			154 Jun 23 j 21:07	0°♏	
	149 Oct 24 j 01:46	0°♎			154 Jul 25 j 04:39	0°♏	
	149 Nov 22 j 13:52	0°♎			154 Aug 25 j 02:05	0°♎	
min. Earth dist.	149 Dec 03 j 09:39	11°♎02'40	0.98256 AU		154 Sep 24 j 10:38	0°♏	
	149 Dec 21 j 23:34	0°♏			154 Oct 24 j 07:02	0°♎	
	150 Jan 20 j 13:15	0°♎			154 Nov 22 j 19:07	0°♎	
	150 Feb 19 j 12:23	0°♎		min. Earth dist.	154 Dec 04 j 14:12	12°♎02'20	0.98253 AU
	150 Mar 22 j 00:10	0°♎			154 Dec 22 j 04:46	0°♏	
	150 Apr 22 j 00:27	0°♏			155 Jan 20 j 18:24	0°♎	
	150 May 23 j 09:40	0°♊			155 Feb 19 j 17:30	0°♎	
max. Earth dist.	150 Jun 05 j 17:13	12°♊40'33	1.01741 AU		155 Mar 22 j 05:16	0°♎	
	150 Jun 23 j 21:34	0°♏			155 Apr 22 j 05:35	0°♏	
	150 Jul 25 j 05:08	0°♏			155 May 23 j 14:52	0°♊	
	150 Aug 25 j 02:38	0°♎		max. Earth dist.	155 Jun 05 j 06:52	12°♊03'30	1.01745 AU
	150 Sep 24 j 11:15	0°♏			155 Jun 24 j 02:51	0°♏	
	150 Oct 24 j 07:41	0°♎			155 Jul 25 j 10:28	0°♏	
	150 Nov 22 j 19:48	0°♎			155 Aug 25 j 07:58	0°♎	
min. Earth dist.	150 Dec 03 j 02:34	10°♎29'31	0.98259 AU		155 Sep 24 j 16:32	0°♏	
	150 Dec 22 j 05:28	0°♏			155 Oct 24 j 12:55	0°♎	
	151 Jan 20 j 19:06	0°♎			155 Nov 23 j 00:59	0°♎	
	151 Feb 19 j 18:15	0°♎		min. Earth dist.	155 Dec 03 j 00:25	10°♎10'44	0.98252 AU
	151 Mar 22 j 06:03	0°♎			155 Dec 22 j 10:36	0°♏	
	151 Apr 22 j 06:23	0°♏			156 Jan 21 j 00:12	0°♎	
	151 May 23 j 15:37	0°♊			156 Feb 19 j 23:19	0°♎	
max. Earth dist.	151 Jun 04 j 00:34	10°♊49'56	1.01745 AU		156 Mar 21 j 11:07	0°♎	
	151 Jun 24 j 03:32	0°♏			156 Apr 21 j 11:29	0°♏	
	151 Jul 25 j 11:06	0°♏			156 May 22 j 20:47	0°♊	
	151 Aug 25 j 08:33	0°♎		max. Earth dist.	156 Jun 04 j 05:03	11°♊45'12	1.01749 AU
	151 Sep 24 j 17:07	0°♏			156 Jun 23 j 08:47	0°♏	
	151 Oct 24 j 13:31	0°♎			156 Jul 24 j 16:23	0°♏	
	151 Nov 23 j 01:36	0°♎			156 Aug 24 j 13:52	0°♎	
min. Earth dist.	151 Dec 05 j 07:01	12°♎28'49	0.98255 AU		156 Sep 23 j 22:26	0°♏	
	151 Dec 22 j 11:15	0°♏			156 Oct 23 j 18:49	0°♎	
	152 Jan 21 j 00:53	0°♎			156 Nov 22 j 06:53	0°♎	
	152 Feb 20 j 00:02	0°♎		min. Earth dist.	156 Dec 04 j 07:21	12°♎16'15	0.98256 AU
	152 Mar 21 j 11:52	0°♎			156 Dec 21 j 16:31	0°♏	
	152 Apr 21 j 12:14	0°♏			157 Jan 20 j 06:08	0°♎	
	152 May 22 j 21:30	0°♊			157 Feb 19 j 05:16	0°♎	

	157 Mar 21 j 17:05	0°Υ		161 Dec 21 j 21:46	0°Θ	
	157 Apr 21 j 17:25	0°Ϡ		162 Jan 20 j 11:25	0°≈	
	157 May 23 j 02:40	0°Π		162 Feb 19 j 10:31	0°Ϡ	
max. Earth dist.	157 Jun 02 j 19:03	10°Π10'31	1.01744 AU	162 Mar 21 j 22:14	0°Υ	
	157 Jun 23 j 14:35	0°Ϡ		162 Apr 21 j 22:28	0°Ϡ	
	157 Jul 24 j 22:09	0°Ω		162 May 23 j 07:36	0°Π	
	157 Aug 24 j 19:38	0°Ϡ		max. Earth dist.	162 Jun 03 j 15:31	10°Π47'33 1.01742 AU
	157 Sep 24 j 04:14	0°♁		162 Jun 23 j 19:29	0°Ϡ	
	157 Oct 24 j 00:40	0°♁		162 Jul 25 j 03:02	0°Ω	
	157 Nov 22 j 12:46	0°Ϡ		162 Aug 25 j 00:34	0°Ϡ	
min. Earth dist.	157 Dec 03 j 20:40	11°Ϡ33'43	0.98251 AU	162 Sep 24 j 09:14	0°♁	
	157 Dec 21 j 22:23	0°Θ		162 Oct 24 j 05:43	0°♁	
	158 Jan 20 j 11:58	0°≈		162 Nov 22 j 17:52	0°Ϡ	
	158 Feb 19 j 11:01	0°Ϡ		min. Earth dist.	162 Dec 04 j 22:30	12°Ϡ26'48 0.98254 AU
	158 Mar 21 j 22:44	0°Υ		162 Dec 22 j 03:30	0°Θ	
	158 Apr 21 j 23:00	0°Ϡ		163 Jan 20 j 17:05	0°≈	
	158 May 23 j 08:14	0°Π		163 Feb 19 j 16:09	0°Ϡ	
max. Earth dist.	158 Jun 05 j 16:19	12°Π41'45	1.01743 AU	163 Mar 22 j 03:52	0°Υ	
	158 Jun 23 j 20:11	0°Ϡ		163 Apr 22 j 04:07	0°Ϡ	
	158 Jul 25 j 03:48	0°Ω		163 May 23 j 13:18	0°Π	
	158 Aug 25 j 01:22	0°Ϡ		max. Earth dist.	163 Jun 04 j 18:29	11°Π37'55 1.01740 AU
	158 Sep 24 j 10:03	0°♁		163 Jun 24 j 01:12	0°Ϡ	
	158 Oct 24 j 06:33	0°♁		163 Jul 25 j 08:48	0°Ω	
	158 Nov 22 j 18:42	0°Ϡ		163 Aug 25 j 06:20	0°Ϡ	
min. Earth dist.	158 Dec 03 j 02:32	10°Ϡ32'12	0.98257 AU	163 Sep 24 j 15:00	0°♁	
	158 Dec 22 j 04:20	0°Θ		163 Oct 24 j 11:30	0°♁	
	159 Jan 20 j 17:53	0°≈		163 Nov 22 j 23:38	0°Ϡ	
	159 Feb 19 j 16:54	0°Ϡ		min. Earth dist.	163 Dec 03 j 08:18	10°Ϡ34'15 0.98254 AU
	159 Mar 22 j 04:36	0°Υ		163 Dec 22 j 09:16	0°Θ	
	159 Apr 22 j 04:53	0°Ϡ		164 Jan 20 j 22:51	0°≈	
	159 May 23 j 14:08	0°Π		164 Feb 19 j 21:54	0°Ϡ	
max. Earth dist.	159 Jun 04 j 10:22	11°Π16'42	1.01749 AU	164 Mar 21 j 09:38	0°Υ	
	159 Jun 24 j 02:07	0°Ϡ		164 Apr 21 j 09:56	0°Ϡ	
	159 Jul 25 j 09:45	0°Ω		164 May 22 j 19:11	0°Π	
	159 Aug 25 j 07:16	0°Ϡ		max. Earth dist.	164 Jun 04 j 11:31	12°Π04'27 1.01745 AU
	159 Sep 24 j 15:54	0°♁		164 Jun 23 j 07:06	0°Ϡ	
	159 Oct 24 j 12:22	0°♁		164 Jul 24 j 14:40	0°Ω	
	159 Nov 23 j 00:30	0°Ϡ		164 Aug 24 j 12:10	0°Ϡ	
min. Earth dist.	159 Dec 05 j 12:30	12°Ϡ45'39	0.98257 AU	164 Sep 23 j 20:47	0°♁	
	159 Dec 22 j 10:09	0°Θ		164 Oct 23 j 17:16	0°♁	
	160 Jan 20 j 23:44	0°≈		164 Nov 22 j 05:25	0°Ϡ	
	160 Feb 19 j 22:47	0°Ϡ		min. Earth dist.	164 Dec 04 j 02:46	12°Ϡ08'10 0.98261 AU
	160 Mar 21 j 10:29	0°Υ		164 Dec 21 j 15:06	0°Θ	
	160 Apr 21 j 10:45	0°Ϡ		165 Jan 20 j 04:43	0°≈	
	160 May 22 j 19:58	0°Π		165 Feb 19 j 03:48	0°Ϡ	
max. Earth dist.	160 Jun 02 j 23:45	10°Π37'32	1.01743 AU	165 Mar 21 j 15:33	0°Υ	
	160 Jun 23 j 07:55	0°Ϡ		165 Apr 21 j 15:50	0°Ϡ	
	160 Jul 24 j 15:31	0°Ω		165 May 23 j 01:03	0°Π	
	160 Aug 24 j 13:02	0°Ϡ		max. Earth dist.	165 Jun 02 j 20:03	10°Π16'49 1.01743 AU
	160 Sep 23 j 21:38	0°♁		165 Jun 23 j 12:56	0°Ϡ	
	160 Oct 23 j 18:05	0°♁		165 Jul 24 j 20:29	0°Ω	
	160 Nov 22 j 06:14	0°Ϡ		165 Aug 24 j 17:57	0°Ϡ	
min. Earth dist.	160 Dec 02 j 22:42	10°Ϡ54'10	0.98255 AU	165 Sep 24 j 02:33	0°♁	
	160 Dec 21 j 15:55	0°Θ		165 Oct 23 j 23:01	0°♁	
	161 Jan 20 j 05:33	0°≈		165 Nov 22 j 11:12	0°Ϡ	
	161 Feb 19 j 04:38	0°Ϡ		min. Earth dist.	165 Dec 04 j 04:17	11°Ϡ57'08 0.98256 AU
	161 Mar 21 j 16:20	0°Υ		165 Dec 21 j 20:53	0°Θ	
	161 Apr 21 j 16:33	0°Ϡ		166 Jan 20 j 10:29	0°≈	
	161 May 23 j 01:44	0°Π		166 Feb 19 j 09:31	0°Ϡ	
max. Earth dist.	161 Jun 05 j 09:12	12°Π40'23	1.01741 AU	166 Mar 21 j 21:10	0°Υ	
	161 Jun 23 j 13:38	0°Ϡ		166 Apr 21 j 21:23	0°Ϡ	
	161 Jul 24 j 21:13	0°Ω		166 May 23 j 06:34	0°Π	
	161 Aug 24 j 18:45	0°Ϡ		max. Earth dist.	166 Jun 05 j 11:56	12°Π35'19 1.01741 AU
	161 Sep 24 j 03:24	0°♁		166 Jun 23 j 18:31	0°Ϡ	
	161 Oct 23 j 23:54	0°♁		166 Jul 25 j 02:08	0°Ω	
	161 Nov 22 j 12:04	0°Ϡ		166 Aug 24 j 23:41	0°Ϡ	
min. Earth dist.	161 Dec 03 j 06:05	10°Ϡ58'17	0.98263 AU	166 Sep 24 j 08:21	0°♁	

	166 Oct 24 j 04:51	0°♌			171 Jul 25 j 07:13	0°♏		
	166 Nov 22 j 17:01	0°♍			171 Aug 25 j 04:50	0°♎		
min. Earth dist.	166 Dec 02 j 21:00	10°♌22'17	0.98258 AU		171 Sep 24 j 13:34	0°♎		
	166 Dec 22 j 02:41	0°♎			171 Oct 24 j 10:08	0°♌		
	167 Jan 20 j 16:16	0°♎			171 Nov 22 j 22:18	0°♍		
	167 Feb 19 j 15:18	0°♋		min. Earth dist.	171 Dec 03 j 16:21	10°♌58'11	0.98253 AU	
	167 Mar 22 j 02:58	0°♑			171 Dec 22 j 07:57	0°♎		
	167 Apr 22 j 03:13	0°♐			172 Jan 20 j 21:29	0°♎		
	167 May 23 j 12:26	0°♐			172 Feb 19 j 20:26	0°♋		
max. Earth dist.	167 Jun 04 j 19:43	11°♐42'58	1.01749 AU		172 Mar 21 j 08:02	0°♑		
	167 Jun 24 j 00:25	0°♏			172 Apr 21 j 08:14	0°♐		
	167 Jul 25 j 08:05	0°♏			172 May 22 j 17:27	0°♐		
	167 Aug 25 j 05:39	0°♎		max. Earth dist.	172 Jun 04 j 22:02	12°♐33'30	1.01747 AU	
	167 Sep 24 j 14:17	0°♎			172 Jun 23 j 05:26	0°♏		
	167 Oct 24 j 10:43	0°♌			172 Jul 24 j 13:06	0°♏		
	167 Nov 22 j 22:49	0°♍			172 Aug 24 j 10:43	0°♎		
min. Earth dist.	167 Dec 05 j 07:27	12°♌37'03	0.98256 AU		172 Sep 23 j 19:25	0°♎		
	167 Dec 22 j 08:27	0°♎			172 Oct 23 j 15:56	0°♌		
	168 Jan 20 j 22:02	0°♎			172 Nov 22 j 04:08	0°♍		
	168 Feb 19 j 21:05	0°♋		min. Earth dist.	172 Dec 03 j 15:55	11°♌43'40	0.98262 AU	
	168 Mar 21 j 08:48	0°♑			172 Dec 21 j 13:49	0°♎		
	168 Apr 21 j 09:04	0°♐			173 Jan 20 j 03:25	0°♎		
	168 May 22 j 18:17	0°♐			173 Feb 19 j 02:27	0°♋		
max. Earth dist.	168 Jun 02 j 17:45	10°♐27'21	1.01744 AU		173 Mar 21 j 14:05	0°♑		
	168 Jun 23 j 06:14	0°♏			173 Apr 21 j 14:16	0°♐		
	168 Jul 24 j 13:52	0°♏			173 May 22 j 23:25	0°♐		
	168 Aug 24 j 11:26	0°♎		max. Earth dist.	173 Jun 03 j 06:01	10°♐44'26	1.01744 AU	
	168 Sep 23 j 20:05	0°♎			173 Jun 23 j 11:19	0°♏		
	168 Oct 23 j 16:33	0°♌			173 Jul 24 j 18:57	0°♏		
	168 Nov 22 j 04:39	0°♍			173 Aug 24 j 16:33	0°♎		
min. Earth dist.	168 Dec 03 j 06:13	11°♌17'31	0.98251 AU		173 Sep 24 j 01:16	0°♎		
	168 Dec 21 j 14:15	0°♎			173 Oct 23 j 21:49	0°♌		
	169 Jan 20 j 03:50	0°♎			173 Nov 22 j 10:01	0°♍		
	169 Feb 19 j 02:53	0°♋		min. Earth dist.	173 Dec 04 j 12:25	12°♌20'58	0.98256 AU	
	169 Mar 21 j 14:34	0°♑			173 Dec 21 j 19:42	0°♎		
	169 Apr 21 j 14:48	0°♐			174 Jan 20 j 09:17	0°♎		
	169 May 22 j 24:00	0°♐			174 Feb 19 j 08:16	0°♋		
max. Earth dist.	169 Jun 05 j 11:03	12°♐48'53	1.01742 AU		174 Mar 21 j 19:51	0°♑		
	169 Jun 23 j 11:55	0°♏			174 Apr 21 j 19:59	0°♐		
	169 Jul 24 j 19:33	0°♏			174 May 23 j 05:04	0°♐		
	169 Aug 24 j 17:09	0°♎		max. Earth dist.	174 Jun 05 j 09:32	12°♐33'17	1.01738 AU	
	169 Sep 24 j 01:52	0°♎			174 Jun 23 j 16:58	0°♏		
	169 Oct 23 j 22:24	0°♌			174 Jul 25 j 00:38	0°♏		
	169 Nov 22 j 10:34	0°♍			174 Aug 24 j 22:17	0°♎		
min. Earth dist.	169 Dec 03 j 01:02	10°♌49'11	0.98258 AU		174 Sep 24 j 07:05	0°♎		
	169 Dec 21 j 20:12	0°♎			174 Oct 24 j 03:41	0°♌		
	170 Jan 20 j 09:46	0°♎			174 Nov 22 j 15:54	0°♍		
	170 Feb 19 j 08:46	0°♋		min. Earth dist.	174 Dec 03 j 01:50	10°♌37'28	0.98257 AU	
	170 Mar 21 j 20:26	0°♑			174 Dec 22 j 01:33	0°♎		
	170 Apr 21 j 20:40	0°♐			175 Jan 20 j 15:06	0°♎		
	170 May 23 j 05:51	0°♐			175 Feb 19 j 14:05	0°♋		
max. Earth dist.	170 Jun 03 j 22:01	11°♐07'06	1.01746 AU		175 Mar 22 j 01:42	0°♑		
	170 Jun 23 j 17:47	0°♏			175 Apr 22 j 01:52	0°♐		
	170 Jul 25 j 01:25	0°♏			175 May 23 j 11:01	0°♐		
	170 Aug 24 j 23:01	0°♎		max. Earth dist.	175 Jun 05 j 05:21	12°♐09'17	1.01745 AU	
	170 Sep 24 j 07:45	0°♎			175 Jun 23 j 22:57	0°♏		
	170 Oct 24 j 04:18	0°♌			175 Jul 25 j 06:36	0°♏		
	170 Nov 22 j 16:28	0°♍			175 Aug 25 j 04:14	0°♎		
min. Earth dist.	170 Dec 05 j 07:07	12°♌52'23	0.98253 AU		175 Sep 24 j 12:59	0°♎		
	170 Dec 22 j 02:05	0°♎			175 Oct 24 j 09:33	0°♌		
	171 Jan 20 j 15:36	0°♎			175 Nov 22 j 21:45	0°♍		
	171 Feb 19 j 14:32	0°♋		min. Earth dist.	175 Dec 05 j 08:31	12°♌42'29	0.98259 AU	
	171 Mar 22 j 02:09	0°♑			175 Dec 22 j 07:24	0°♎		
	171 Apr 22 j 02:22	0°♐			176 Jan 20 j 20:57	0°♎		
	171 May 23 j 11:34	0°♐			176 Feb 19 j 19:57	0°♋		
max. Earth dist.	171 Jun 04 j 06:10	11°♐12'43	1.01744 AU		176 Mar 21 j 07:36	0°♑		
	171 Jun 23 j 23:33	0°♏			176 Apr 21 j 07:48	0°♐		

	176 May 22 j 16:59	0°II			181 Feb 19 j 00:56	0°H		
max. Earth dist.	176 Jun 02 j 15:28	10°II25'05	1.01742 AU		181 Mar 21 j 12:35	0°Y		
	176 Jun 23 j 04:53	0°S			181 Apr 21 j 12:46	0°B		
	176 Jul 24 j 12:29	0°Q			181 May 22 j 21:56	0°II		
	176 Aug 24 j 10:04	0°P		max. Earth dist.	181 Jun 03 j 10:27	10°II58'28	1.01745 AU	
	176 Sep 23 j 18:47	0°A			181 Jun 23 j 09:51	0°S		
	176 Oct 23 j 15:20	0°M			181 Jul 24 j 17:30	0°Q		
	176 Nov 22 j 03:32	0°J			181 Aug 24 j 15:08	0°P		
min. Earth dist.	176 Dec 03 j 17:05	11°J48'03	0.98256 AU		181 Sep 23 j 23:54	0°A		
	176 Dec 21 j 13:13	0°Z			181 Oct 23 j 20:29	0°M		
	177 Jan 20 j 02:47	0°X			181 Nov 22 j 08:41	0°J		
	177 Feb 19 j 01:47	0°H		min. Earth dist.	181 Dec 04 j 20:51	12°J45'59	0.98253 AU	
	177 Mar 21 j 13:24	0°Y			181 Dec 21 j 18:18	0°Z		
	177 Apr 21 j 13:34	0°B			182 Jan 20 j 07:48	0°X		
	177 May 22 j 22:41	0°II			182 Feb 19 j 06:41	0°H		
max. Earth dist.	177 Jun 05 j 10:01	12°II49'32	1.01739 AU		182 Mar 21 j 18:13	0°Y		
	177 Jun 23 j 10:35	0°S			182 Apr 21 j 18:20	0°B		
	177 Jul 24 j 18:11	0°Q			182 May 23 j 03:28	0°II		
	177 Aug 24 j 15:46	0°P		max. Earth dist.	182 Jun 04 j 18:21	12°II00'58	1.01741 AU	
	177 Sep 24 j 00:31	0°A			182 Jun 23 j 15:24	0°S		
	177 Oct 23 j 21:06	0°M			182 Jul 24 j 23:05	0°Q		
	177 Nov 22 j 09:20	0°J			182 Aug 24 j 20:47	0°P		
min. Earth dist.	177 Dec 02 j 19:12	10°J37'19	0.98263 AU		182 Sep 24 j 05:37	0°A		
	177 Dec 21 j 19:03	0°Z			182 Oct 24 j 02:16	0°M		
	178 Jan 20 j 08:39	0°X			182 Nov 22 j 14:30	0°J		
	178 Feb 19 j 07:38	0°H		min. Earth dist.	182 Dec 03 j 08:42	10°J58'33	0.98255 AU	
	178 Mar 21 j 19:15	0°Y			182 Dec 22 j 00:08	0°Z		
	178 Apr 21 j 19:25	0°B			183 Jan 20 j 13:36	0°X		
	178 May 23 j 04:33	0°II			183 Feb 19 j 12:28	0°H		
max. Earth dist.	178 Jun 04 j 06:49	11°II31'09	1.01744 AU		183 Mar 21 j 23:59	0°Y		
	178 Jun 23 j 16:28	0°S			183 Apr 22 j 00:06	0°B		
	178 Jul 25 j 00:06	0°Q			183 May 23 j 09:16	0°II		
	178 Aug 24 j 21:42	0°P		max. Earth dist.	183 Jun 05 j 13:32	12°II32'49	1.01748 AU	
	178 Sep 24 j 06:26	0°A			183 Jun 23 j 21:15	0°S		
	178 Oct 24 j 02:59	0°M			183 Jul 25 j 04:59	0°Q		
	178 Nov 22 j 15:10	0°J			183 Aug 25 j 02:40	0°P		
min. Earth dist.	178 Dec 05 j 06:50	12°J54'58	0.98257 AU		183 Sep 24 j 11:28	0°A		
	178 Dec 22 j 00:49	0°Z			183 Oct 24 j 08:04	0°M		
	179 Jan 20 j 14:23	0°X			183 Nov 22 j 20:18	0°J		
	179 Feb 19 j 13:21	0°H		min. Earth dist.	183 Dec 05 j 03:32	12°J33'25	0.98260 AU	
	179 Mar 22 j 00:56	0°Y			183 Dec 22 j 05:57	0°Z		
	179 Apr 22 j 01:06	0°B			184 Jan 20 j 19:28	0°X		
	179 May 23 j 10:16	0°II			184 Feb 19 j 18:22	0°H		
max. Earth dist.	179 Jun 03 j 20:40	10°II53'20	1.01743 AU		184 Mar 21 j 05:54	0°Y		
	179 Jun 23 j 22:13	0°S			184 Apr 21 j 06:01	0°B		
	179 Jul 25 j 05:53	0°Q			184 May 22 j 15:10	0°II		
	179 Aug 25 j 03:31	0°P		max. Earth dist.	184 Jun 02 j 21:08	10°II42'53	1.01745 AU	
	179 Sep 24 j 12:15	0°A			184 Jun 23 j 03:07	0°S		
	179 Oct 24 j 08:47	0°M			184 Jul 24 j 10:49	0°Q		
	179 Nov 22 j 20:56	0°J			184 Aug 24 j 08:28	0°P		
min. Earth dist.	179 Dec 03 j 19:58	11°J10'57	0.98252 AU		184 Sep 23 j 17:15	0°A		
	179 Dec 22 j 06:34	0°Z			184 Oct 23 j 13:50	0°M		
	180 Jan 20 j 20:06	0°X			184 Nov 22 j 02:03	0°J		
	180 Feb 19 j 19:04	0°H		min. Earth dist.	184 Dec 04 j 01:24	12°J13'07	0.98256 AU	
	180 Mar 21 j 06:41	0°Y			184 Dec 21 j 11:44	0°Z		
	180 Apr 21 j 06:52	0°B			185 Jan 20 j 01:17	0°X		
	180 May 22 j 16:03	0°II			185 Feb 19 j 00:13	0°H		
max. Earth dist.	180 Jun 05 j 02:49	12°II48'11	1.01745 AU		185 Mar 21 j 11:44	0°Y		
	180 Jun 23 j 04:01	0°S			185 Apr 21 j 11:47	0°B		
	180 Jul 24 j 11:42	0°Q			185 May 22 j 20:51	0°II		
	180 Aug 24 j 09:20	0°P		max. Earth dist.	185 Jun 05 j 11:29	12°II57'28	1.01738 AU	
	180 Sep 23 j 18:04	0°A			185 Jun 23 j 08:44	0°S		
	180 Oct 23 j 14:37	0°M			185 Jul 24 j 16:25	0°Q		
	180 Nov 22 j 02:46	0°J			185 Aug 24 j 14:06	0°P		
min. Earth dist.	180 Dec 03 j 01:49	11°J11'10	0.98258 AU		185 Sep 23 j 22:56	0°A		
	180 Dec 21 j 12:24	0°Z			185 Oct 23 j 19:35	0°M		
	181 Jan 20 j 01:57	0°X			185 Nov 22 j 07:50	0°J		

min. Earth dist.	185 Dec 02 j 18:03	10°♄38'10	0.98261 AU		190 Sep 24 j 04:06	0°♊	
	185 Dec 21 j 17:31	0°♄			190 Oct 24 j 00:45	0°♌	
	186 Jan 20 j 07:05	0°♈			190 Nov 22 j 13:00	0°♈	
	186 Feb 19 j 06:01	0°♈		min. Earth dist.	190 Dec 03 j 11:46	11°♄10'11	0.98255 AU
	186 Mar 21 j 17:34	0°♈			190 Dec 21 j 22:40	0°♄	
	186 Apr 21 j 17:39	0°♄			191 Jan 20 j 12:10	0°♈	
max. Earth dist.	186 May 23 j 02:43	0°♊			191 Feb 19 j 11:03	0°♈	
	186 Jun 04 j 18:11	12°♊02'32	1.01742 AU		191 Mar 21 j 22:32	0°♈	
	186 Jun 23 j 14:37	0°♄			191 Apr 21 j 22:36	0°♄	
	186 Jul 24 j 22:18	0°♊		max. Earth dist.	191 May 23 j 07:44	0°♊	
	186 Aug 24 j 20:00	0°♌			191 Jun 05 j 21:27	12°♊55'14	1.01747 AU
	186 Sep 24 j 04:51	0°♊			191 Jun 23 j 19:43	0°♄	
min. Earth dist.	186 Oct 24 j 01:30	0°♌			191 Jul 25 j 03:30	0°♊	
	186 Nov 22 j 13:43	0°♄			191 Aug 25 j 01:14	0°♌	
	186 Dec 05 j 09:38	13°♄05'51	0.98257 AU		191 Sep 24 j 10:05	0°♊	
	186 Dec 21 j 23:21	0°♄		min. Earth dist.	191 Oct 24 j 06:41	0°♌	
	187 Jan 20 j 12:51	0°♈			191 Nov 22 j 18:53	0°♄	
	187 Feb 19 j 11:45	0°♈			191 Dec 04 j 13:15	12°♄00'31	0.98258 AU
max. Earth dist.	187 Mar 21 j 23:17	0°♈			191 Dec 22 j 04:30	0°♄	
	187 Apr 21 j 23:23	0°♄			192 Jan 20 j 18:00	0°♈	
	187 May 23 j 08:30	0°♊			192 Feb 19 j 16:55	0°♈	
	187 Jun 03 j 15:42	10°♊45'47	1.01741 AU		192 Mar 21 j 04:28	0°♈	
	187 Jun 23 j 20:25	0°♄			192 Apr 21 j 04:34	0°♄	
	187 Jul 25 j 04:06	0°♊		max. Earth dist.	192 May 22 j 13:42	0°♊	
min. Earth dist.	187 Aug 25 j 01:47	0°♌			192 Jun 03 j 01:39	10°♊57'09	1.01746 AU
	187 Sep 24 j 10:38	0°♊			192 Jun 23 j 01:40	0°♄	
	187 Oct 24 j 07:16	0°♌			192 Jul 24 j 09:24	0°♊	
	187 Nov 22 j 19:29	0°♄			192 Aug 24 j 07:07	0°♌	
	187 Dec 04 j 06:56	11°♄42'38	0.98253 AU		192 Sep 23 j 15:58	0°♊	
max. Earth dist.	187 Dec 22 j 05:07	0°♄		min. Earth dist.	192 Oct 23 j 12:36	0°♌	
	188 Jan 20 j 18:37	0°♈			192 Nov 22 j 00:48	0°♄	
	188 Feb 19 j 17:31	0°♈			192 Dec 04 j 09:21	12°♄36'42	0.98253 AU
	188 Mar 21 j 05:03	0°♈			192 Dec 21 j 10:25	0°♄	
	188 Apr 21 j 05:11	0°♄			193 Jan 19 j 23:55	0°♈	
	188 May 22 j 14:20	0°♊			193 Feb 18 j 22:48	0°♈	
min. Earth dist.	188 Jun 05 j 05:33	12°♊58'47	1.01742 AU		193 Mar 21 j 10:18	0°♈	
	188 Jun 23 j 02:15	0°♄		max. Earth dist.	193 Apr 21 j 10:21	0°♄	
	188 Jul 24 j 09:56	0°♊			193 May 22 j 19:25	0°♊	
	188 Aug 24 j 07:35	0°♌			193 Jun 05 j 02:47	12°♊40'12	1.01738 AU
	188 Sep 23 j 16:24	0°♊			193 Jun 23 j 07:19	0°♄	
	188 Oct 23 j 13:02	0°♌			193 Jul 24 j 15:02	0°♊	
max. Earth dist.	188 Nov 22 j 01:17	0°♄		min. Earth dist.	193 Aug 24 j 12:47	0°♌	
	188 Dec 02 j 19:59	10°♄59'53	0.98262 AU		193 Sep 23 j 21:41	0°♊	
	188 Dec 21 j 10:58	0°♄			193 Oct 23 j 18:24	0°♌	
	189 Jan 20 j 00:31	0°♈			193 Nov 22 j 06:40	0°♄	
	189 Feb 18 j 23:27	0°♈			193 Dec 02 j 23:04	10°♄53'56	0.98257 AU
	189 Mar 21 j 11:00	0°♈			193 Dec 21 j 16:19	0°♄	
min. Earth dist.	189 Apr 21 j 11:08	0°♄		max. Earth dist.	194 Jan 20 j 05:48	0°♈	
	189 May 22 j 20:16	0°♊			194 Feb 19 j 04:39	0°♈	
	189 Jun 03 j 17:53	11°♊20'07	1.01744 AU		194 Mar 21 j 16:07	0°♈	
	189 Jun 23 j 08:11	0°♄			194 Apr 21 j 16:11	0°♄	
	189 Jul 24 j 15:51	0°♊			194 May 23 j 01:16	0°♊	
	189 Aug 24 j 13:30	0°♌			194 Jun 05 j 02:41	12°♊26'07	1.01744 AU
max. Earth dist.	189 Sep 23 j 22:18	0°♊		min. Earth dist.	194 Jun 23 j 13:12	0°♄	
	189 Oct 23 j 18:55	0°♌			194 Jul 24 j 20:56	0°♊	
	189 Nov 22 j 07:11	0°♄			194 Aug 24 j 18:42	0°♌	
	189 Dec 05 j 01:52	13°♄02'35	0.98258 AU		194 Sep 24 j 03:37	0°♊	
	189 Dec 21 j 16:52	0°♄			194 Oct 24 j 00:20	0°♌	
	190 Jan 20 j 06:24	0°♈			194 Nov 22 j 12:36	0°♄	
min. Earth dist.	190 Feb 19 j 05:16	0°♈		max. Earth dist.	194 Dec 05 j 10:22	13°♄10'32	0.98258 AU
	190 Mar 21 j 16:44	0°♈			194 Dec 21 j 22:14	0°♄	
	190 Apr 21 j 16:47	0°♄			195 Jan 20 j 11:41	0°♈	
	190 May 23 j 01:52	0°♊			195 Feb 19 j 10:29	0°♈	
	190 Jun 04 j 05:45	11°♊34'53	1.01740 AU		195 Mar 21 j 21:56	0°♈	
	190 Jun 23 j 13:48	0°♄			195 Apr 21 j 21:58	0°♄	
max. Earth dist.	190 Jul 24 j 21:32	0°♊		max. Earth dist.	195 May 23 j 07:05	0°♊	
	190 Aug 24 j 19:15	0°♌			195 Jun 03 j 15:47	10°♊49'23	1.01744 AU

	195 Jun 23 j 19:03	0°☾			200 Apr 21 j 03:07	0°♄		
	195 Jul 25 j 02:47	0°♌			200 May 22 j 12:14	0°♊		
	195 Aug 25 j 00:32	0°♍		max. Earth dist.	200 Jun 03 j 06:31	11°♊12'15	1.01745 AU	
	195 Sep 24 j 09:25	0°♋			200 Jun 23 j 00:10	0°☾		
	195 Oct 24 j 06:07	0°♎			200 Jul 24 j 07:52	0°♌		
	195 Nov 22 j 18:24	0°♊			200 Aug 24 j 05:35	0°♍		
min. Earth dist.	195 Dec 04 j 16:37	12°♊10'10	0.98255 AU		200 Sep 23 j 14:28	0°♋		
	195 Dec 22 j 04:03	0°♄			200 Oct 23 j 11:09	0°♎		
	196 Jan 20 j 17:32	0°♊			200 Nov 21 j 23:26	0°♊		
	196 Feb 19 j 16:21	0°♋		min. Earth dist.	200 Dec 04 j 16:53	12°♊59'26	0.98257 AU	
	196 Mar 21 j 03:48	0°♍			200 Dec 21 j 09:06	0°♄		
	196 Apr 21 j 03:49	0°♄			201 Jan 19 j 22:36	0°♊		
	196 May 22 j 12:54	0°♊			201 Feb 18 j 21:26	0°♋		
max. Earth dist.	196 Jun 05 j 10:05	13°♊13'00	1.01742 AU		201 Mar 21 j 08:51	0°♍		
	196 Jun 23 j 00:50	0°☾			201 Apr 21 j 08:51	0°♄		
	196 Jul 24 j 08:34	0°♌			201 May 22 j 17:52	0°♊		
	196 Aug 24 j 06:19	0°♍		max. Earth dist.	201 Jun 04 j 14:39	12°♊15'03	1.01737 AU	
	196 Sep 23 j 15:11	0°♋			201 Jun 23 j 05:45	0°☾		
	196 Oct 23 j 11:52	0°♎			201 Jul 24 j 13:28	0°♌		
	196 Nov 22 j 00:08	0°♊			201 Aug 24 j 11:12	0°♍		
min. Earth dist.	196 Dec 02 j 14:38	10°♊49'06	0.98262 AU		201 Sep 23 j 20:06	0°♋		
	196 Dec 21 j 09:50	0°♄			201 Oct 23 j 16:50	0°♎		
	197 Jan 19 j 23:23	0°♊			201 Nov 22 j 05:08	0°♊		
	197 Feb 18 j 22:16	0°♋		min. Earth dist.	201 Dec 03 j 01:15	11°♊03'22	0.98259 AU	
	197 Mar 21 j 09:45	0°♍			201 Dec 21 j 14:50	0°♄		
	197 Apr 21 j 09:47	0°♄			202 Jan 20 j 04:20	0°♊		
	197 May 22 j 18:50	0°♊			202 Feb 19 j 03:09	0°♋		
max. Earth dist.	197 Jun 04 j 05:16	11°♊50'35	1.01743 AU		202 Mar 21 j 14:34	0°♍		
	197 Jun 23 j 06:44	0°☾			202 Apr 21 j 14:33	0°♄		
	197 Jul 24 j 14:27	0°♌			202 May 22 j 23:37	0°♊		
	197 Aug 24 j 12:12	0°♍		max. Earth dist.	202 Jun 05 j 11:37	12°♊51'18	1.01744 AU	
	197 Sep 23 j 21:05	0°♋			202 Jun 23 j 11:33	0°☾		
	197 Oct 23 j 17:46	0°♎			202 Jul 24 j 19:19	0°♌		
	197 Nov 22 j 06:03	0°♊			202 Aug 24 j 17:06	0°♍		
min. Earth dist.	197 Dec 05 j 05:50	13°♊15'39	0.98259 AU		202 Sep 24 j 02:01	0°♋		
	197 Dec 21 j 15:44	0°♄			202 Oct 23 j 22:43	0°♎		
	198 Jan 20 j 05:14	0°♊			202 Nov 22 j 10:58	0°♊		
	198 Feb 19 j 04:04	0°♋		min. Earth dist.	202 Dec 04 j 23:02	12°♊45'45	0.98259 AU	
	198 Mar 21 j 15:30	0°♍			202 Dec 21 j 20:36	0°♄		
	198 Apr 21 j 15:28	0°♄			203 Jan 20 j 10:03	0°♊		
	198 May 23 j 00:29	0°♊			203 Feb 19 j 08:52	0°♋		
max. Earth dist.	198 Jun 03 j 20:49	11°♊17'02	1.01738 AU		203 Mar 21 j 20:17	0°♍		
	198 Jun 23 j 12:22	0°☾			203 Apr 21 j 20:18	0°♄		
	198 Jul 24 j 20:05	0°♌			203 May 23 j 05:23	0°♊		
	198 Aug 24 j 17:52	0°♍		max. Earth dist.	203 Jun 03 j 18:05	10°♊58'57	1.01745 AU	
	198 Sep 24 j 02:49	0°♋			203 Jun 23 j 17:21	0°☾		
	198 Oct 23 j 23:33	0°♎			203 Jul 25 j 01:08	0°♌		
	198 Nov 22 j 11:50	0°♊			203 Aug 24 j 22:56	0°♍		
min. Earth dist.	198 Dec 03 j 20:56	11°♊36'33	0.98255 AU		203 Sep 24 j 07:52	0°♋		
	198 Dec 21 j 21:30	0°♄			203 Oct 24 j 04:33	0°♎		
	199 Jan 20 j 10:57	0°♊			203 Nov 22 j 16:47	0°♊		
	199 Feb 19 j 09:47	0°♋		min. Earth dist.	203 Dec 04 j 23:30	12°♊31'57	0.98252 AU	
	199 Mar 21 j 21:13	0°♍			203 Dec 22 j 02:24	0°♄		
	199 Apr 21 j 21:13	0°♄			204 Jan 20 j 15:50	0°♊		
	199 May 23 j 06:17	0°♊			204 Feb 19 j 14:38	0°♋		
max. Earth dist.	199 Jun 06 j 02:36	13°♊10'58	1.01744 AU		204 Mar 21 j 02:03	0°♍		
	199 Jun 23 j 18:14	0°☾			204 Apr 21 j 02:04	0°♄		
	199 Jul 25 j 01:59	0°♌			204 May 22 j 11:07	0°♊		
	199 Aug 24 j 23:45	0°♍		max. Earth dist.	204 Jun 05 j 06:58	13°♊09'50	1.01741 AU	
	199 Sep 24 j 08:40	0°♋			204 Jun 22 j 23:03	0°☾		
	199 Oct 24 j 05:22	0°♎			204 Jul 24 j 06:50	0°♌		
	199 Nov 22 j 17:38	0°♊			204 Aug 24 j 04:38	0°♍		
min. Earth dist.	199 Dec 04 j 05:02	11°♊42'39	0.98260 AU		204 Sep 23 j 13:35	0°♋		
	199 Dec 22 j 03:16	0°♄			204 Oct 23 j 10:18	0°♎		
	200 Jan 20 j 16:44	0°♊			204 Nov 21 j 22:33	0°♊		
	200 Feb 19 j 15:34	0°♋		min. Earth dist.	204 Dec 02 j 14:36	10°♊53'07	0.98257 AU	
	200 Mar 21 j 03:03	0°♍			204 Dec 21 j 08:11	0°♄		

	205 Jan 19 j 21:37	0°≈			209 Nov 22 j 03:51	0°♂	
	205 Feb 18 j 20:26	0°✕		min. Earth dist.	209 Dec 03 j 08:27	11°♂25'00	0.98259 AU
	205 Mar 21 j 07:53	0°Υ			209 Dec 21 j 13:33	0°☾	
	205 Apr 21 j 07:54	0°♂			210 Jan 20 j 03:02	0°≈	
	205 May 22 j 16:59	0°Π			210 Feb 19 j 01:50	0°✕	
max. Earth dist.	205 Jun 04 j 13:33	12°Π14'40	1.01745 AU		210 Mar 21 j 13:11	0°Υ	
	205 Jun 23 j 04:55	0°☾			210 Apr 21 j 13:06	0°♂	
	205 Jul 24 j 12:41	0°Ω			210 May 22 j 22:04	0°Π	
	205 Aug 24 j 10:30	0°♍		max. Earth dist.	210 Jun 05 j 20:19	13°Π15'42	1.01740 AU
	205 Sep 23 j 19:28	0°♁			210 Jun 23 j 09:57	0°☾	
	205 Oct 23 j 16:14	0°♌			210 Jul 24 j 17:43	0°Ω	
	205 Nov 22 j 04:32	0°♂			210 Aug 24 j 15:36	0°♍	
min. Earth dist.	205 Dec 05 j 10:47	13°♂32'10	0.98257 AU		210 Sep 24 j 00:38	0°♁	
	205 Dec 21 j 14:10	0°☾			210 Oct 23 j 21:27	0°♌	
	206 Jan 20 j 03:35	0°≈			210 Nov 22 j 09:46	0°♂	
	206 Feb 19 j 02:18	0°✕		min. Earth dist.	210 Dec 04 j 17:48	12°♂35'19	0.98261 AU
	206 Mar 21 j 13:39	0°Υ			210 Dec 21 j 19:26	0°☾	
	206 Apr 21 j 13:36	0°♂			211 Jan 20 j 08:51	0°≈	
	206 May 22 j 22:38	0°Π			211 Feb 19 j 07:37	0°✕	
max. Earth dist.	206 Jun 03 j 14:47	11°Π07'07	1.01741 AU		211 Mar 21 j 19:00	0°Υ	
	206 Jun 23 j 10:34	0°☾			211 Apr 21 j 18:58	0°♂	
	206 Jul 24 j 18:20	0°Ω			211 May 23 j 04:00	0°Π	
	206 Aug 24 j 16:12	0°♍		max. Earth dist.	211 Jun 03 j 21:17	11°Π09'53	1.01742 AU
	206 Sep 24 j 01:13	0°♁			211 Jun 23 j 15:55	0°☾	
	206 Oct 23 j 22:02	0°♌			211 Jul 24 j 23:41	0°Ω	
	206 Nov 22 j 10:22	0°♂			211 Aug 24 j 21:30	0°♍	
min. Earth dist.	206 Dec 04 j 07:35	12°♂07'31	0.98254 AU		211 Sep 24 j 06:30	0°♁	
	206 Dec 21 j 20:01	0°☾			211 Oct 24 j 03:18	0°♌	
	207 Jan 20 j 09:25	0°≈			211 Nov 22 j 15:38	0°♂	
	207 Feb 19 j 08:08	0°✕		min. Earth dist.	211 Dec 05 j 09:58	13°♂01'36	0.98256 AU
	207 Mar 21 j 19:26	0°Υ			211 Dec 22 j 01:18	0°☾	
	207 Apr 21 j 19:22	0°♂			212 Jan 20 j 14:43	0°≈	
	207 May 23 j 04:25	0°Π			212 Feb 19 j 13:29	0°✕	
max. Earth dist.	207 Jun 06 j 09:02	13°Π30'40	1.01745 AU		212 Mar 21 j 00:51	0°Υ	
	207 Jun 23 j 16:24	0°☾			212 Apr 21 j 00:49	0°♂	
	207 Jul 25 j 00:13	0°Ω			212 May 22 j 09:50	0°Π	
	207 Aug 24 j 22:05	0°♍		max. Earth dist.	212 Jun 04 j 20:57	12°Π49'07	1.01738 AU
	207 Sep 24 j 07:04	0°♁			212 Jun 22 j 21:44	0°☾	
	207 Oct 24 j 03:51	0°♌			212 Jul 24 j 05:28	0°Ω	
	207 Nov 22 j 16:10	0°♂			212 Aug 24 j 03:16	0°♍	
min. Earth dist.	207 Dec 03 j 20:45	11°♂25'08	0.98261 AU		212 Sep 23 j 12:14	0°♁	
	207 Dec 22 j 01:50	0°☾			212 Oct 23 j 09:00	0°♌	
	208 Jan 20 j 15:17	0°≈			212 Nov 21 j 21:21	0°♂	
	208 Feb 19 j 14:03	0°✕		min. Earth dist.	212 Dec 02 j 16:11	11°♂00'06	0.98261 AU
	208 Mar 21 j 01:25	0°Υ			212 Dec 21 j 07:03	0°☾	
	208 Apr 21 j 01:23	0°♂			213 Jan 19 j 20:32	0°≈	
	208 May 22 j 10:26	0°Π			213 Feb 18 j 19:20	0°✕	
max. Earth dist.	208 Jun 03 j 18:05	11°Π44'02	1.01746 AU		213 Mar 21 j 06:43	0°Υ	
	208 Jun 22 j 22:23	0°☾			213 Apr 21 j 06:42	0°♂	
	208 Jul 24 j 06:11	0°Ω			213 May 22 j 15:44	0°Π	
	208 Aug 24 j 04:01	0°♍		max. Earth dist.	213 Jun 04 j 21:42	12°Π36'58	1.01743 AU
	208 Sep 23 j 12:59	0°♁			213 Jun 23 j 03:40	0°☾	
	208 Oct 23 j 09:45	0°♌			213 Jul 24 j 11:25	0°Ω	
	208 Nov 21 j 22:04	0°♂			213 Aug 24 j 09:13	0°♍	
min. Earth dist.	208 Dec 04 j 22:27	13°♂17'09	0.98259 AU		213 Sep 23 j 18:11	0°♁	
	208 Dec 21 j 07:45	0°☾			213 Oct 23 j 14:58	0°♌	
	209 Jan 19 j 21:15	0°≈			213 Nov 22 j 03:18	0°♂	
	209 Feb 18 j 20:02	0°✕		min. Earth dist.	213 Dec 05 j 05:21	13°♂21'22	0.98262 AU
	209 Mar 21 j 07:23	0°Υ			213 Dec 21 j 12:59	0°☾	
	209 Apr 21 j 07:16	0°♂			214 Jan 20 j 02:26	0°≈	
	209 May 22 j 16:12	0°Π			214 Feb 19 j 01:11	0°✕	
max. Earth dist.	209 Jun 04 j 07:26	12°Π01'59	1.01735 AU		214 Mar 21 j 12:30	0°Υ	
	209 Jun 23 j 04:04	0°☾			214 Apr 21 j 12:25	0°♂	
	209 Jul 24 j 11:49	0°Ω			214 May 22 j 21:25	0°Π	
	209 Aug 24 j 09:39	0°♍		max. Earth dist.	214 Jun 03 j 12:59	11°Π05'47	1.01742 AU
	209 Sep 23 j 18:41	0°♁			214 Jun 23 j 09:21	0°☾	
	209 Oct 23 j 15:30	0°♌			214 Jul 24 j 17:09	0°Ω	

	214 Aug 24 j 15:01	0°♎		max. Earth dist.	219 Jun 04 j 06:23	11°♊35'39	1.01747 AU
	214 Sep 24 j 00:01	0°♏			219 Jun 23 j 14:15	0°♏	
	214 Oct 23 j 20:48	0°♎			219 Jul 24 j 22:06	0°♏	
	214 Nov 22 j 09:07	0°♎			219 Aug 24 j 20:01	0°♎	
min. Earth dist.	214 Dec 04 j 12:04	12°♎22'14	0.98254 AU		219 Sep 24 j 05:05	0°♏	
	214 Dec 21 j 18:46	0°♏			219 Oct 24 j 01:55	0°♎	
	215 Jan 20 j 08:11	0°♎			219 Nov 22 j 14:16	0°♎	
	215 Feb 19 j 06:55	0°♎		min. Earth dist.	219 Dec 05 j 18:01	13°♎25'40	0.98256 AU
	215 Mar 21 j 18:14	0°♎			219 Dec 21 j 23:56	0°♏	
	215 Apr 21 j 18:09	0°♏			220 Jan 20 j 13:19	0°♎	
	215 May 23 j 03:10	0°♊			220 Feb 19 j 11:59	0°♎	
max. Earth dist.	215 Jun 06 j 10:26	13°♊36'58	1.01744 AU		220 Mar 20 j 23:13	0°♎	
	215 Jun 23 j 15:09	0°♏			220 Apr 20 j 23:04	0°♏	
	215 Jul 24 j 23:00	0°♏			220 May 22 j 08:01	0°♊	
	215 Aug 24 j 20:53	0°♎		max. Earth dist.	220 Jun 04 j 17:47	12°♊45'58	1.01739 AU
	215 Sep 24 j 05:53	0°♏			220 Jun 22 j 19:56	0°♏	
	215 Oct 24 j 02:38	0°♎			220 Jul 24 j 03:45	0°♏	
	215 Nov 22 j 14:54	0°♎			220 Aug 24 j 01:39	0°♎	
min. Earth dist.	215 Dec 03 j 11:30	11°♎04'46	0.98257 AU		220 Sep 23 j 10:43	0°♏	
	215 Dec 22 j 00:31	0°♏			220 Oct 23 j 07:33	0°♎	
	216 Jan 20 j 13:55	0°♎			220 Nov 21 j 19:55	0°♎	
	216 Feb 19 j 12:41	0°♎		min. Earth dist.	220 Dec 02 j 20:35	11°♎14'57	0.98260 AU
	216 Mar 21 j 00:04	0°♎			220 Dec 21 j 05:37	0°♏	
	216 Apr 21 j 00:02	0°♏			221 Jan 19 j 19:04	0°♎	
	216 May 22 j 09:06	0°♊			221 Feb 18 j 17:48	0°♎	
max. Earth dist.	216 Jun 04 j 01:18	12°♊04'18	1.01747 AU		221 Mar 21 j 05:04	0°♎	
	216 Jun 22 j 21:04	0°♏			221 Apr 21 j 04:56	0°♏	
	216 Jul 24 j 04:54	0°♏			221 May 22 j 13:52	0°♊	
	216 Aug 24 j 02:48	0°♎		max. Earth dist.	221 Jun 05 j 10:25	13°♊11'41	1.01741 AU
	216 Sep 23 j 11:49	0°♏			221 Jun 23 j 01:46	0°♏	
	216 Oct 23 j 08:35	0°♎			221 Jul 24 j 09:35	0°♏	
	216 Nov 21 j 20:51	0°♎			221 Aug 24 j 07:30	0°♎	
min. Earth dist.	216 Dec 05 j 02:47	13°♎31'24	0.98255 AU		221 Sep 23 j 16:36	0°♏	
	216 Dec 21 j 06:28	0°♏			221 Oct 23 j 13:28	0°♎	
	217 Jan 19 j 19:51	0°♎			221 Nov 22 j 01:50	0°♎	
	217 Feb 18 j 18:35	0°♎		min. Earth dist.	221 Dec 05 j 01:48	13°♎16'01	0.98262 AU
	217 Mar 21 j 05:54	0°♎			221 Dec 21 j 11:31	0°♏	
	217 Apr 21 j 05:48	0°♏			222 Jan 20 j 00:55	0°♎	
	217 May 22 j 14:46	0°♊			222 Feb 18 j 23:36	0°♎	
max. Earth dist.	217 Jun 03 j 17:24	11°♊32'03	1.01739 AU		222 Mar 21 j 10:50	0°♎	
	217 Jun 23 j 02:40	0°♏			222 Apr 21 j 10:40	0°♏	
	217 Jul 24 j 10:27	0°♏			222 May 22 j 19:35	0°♊	
	217 Aug 24 j 08:21	0°♎		max. Earth dist.	222 Jun 03 j 16:30	11°♊18'36	1.01739 AU
	217 Sep 23 j 17:25	0°♏			222 Jun 23 j 07:28	0°♏	
	217 Oct 23 j 14:16	0°♎			222 Jul 24 j 15:17	0°♏	
	217 Nov 22 j 02:37	0°♎			222 Aug 24 j 13:13	0°♎	
min. Earth dist.	217 Dec 03 j 18:27	11°♎53'43	0.98255 AU		222 Sep 23 j 22:22	0°♏	
	217 Dec 21 j 12:16	0°♏			222 Oct 23 j 19:16	0°♎	
	218 Jan 20 j 01:39	0°♎			222 Nov 22 j 07:39	0°♎	
	218 Feb 19 j 00:19	0°♎		min. Earth dist.	222 Dec 04 j 23:58	12°♎56'22	0.98256 AU
	218 Mar 21 j 11:36	0°♎			222 Dec 21 j 17:18	0°♏	
	218 Apr 21 j 11:28	0°♏			223 Jan 20 j 06:41	0°♎	
	218 May 22 j 20:28	0°♊			223 Feb 19 j 05:21	0°♎	
max. Earth dist.	218 Jun 06 j 02:00	13°♊32'57	1.01743 AU		223 Mar 21 j 16:35	0°♎	
	218 Jun 23 j 08:24	0°♏			223 Apr 21 j 16:25	0°♏	
	218 Jul 24 j 16:14	0°♏			223 May 23 j 01:22	0°♊	
	218 Aug 24 j 14:11	0°♎		max. Earth dist.	223 Jun 06 j 08:09	13°♊35'54	1.01739 AU
	218 Sep 23 j 23:17	0°♏			223 Jun 23 j 13:17	0°♏	
	218 Oct 23 j 20:09	0°♎			223 Jul 24 j 21:07	0°♏	
	218 Nov 22 j 08:29	0°♎			223 Aug 24 j 19:02	0°♎	
min. Earth dist.	218 Dec 04 j 10:47	12°♎20'38	0.98260 AU		223 Sep 24 j 04:08	0°♏	
	218 Dec 21 j 18:07	0°♏			223 Oct 24 j 01:00	0°♎	
	219 Jan 20 j 07:28	0°♎			223 Nov 22 j 13:22	0°♎	
	219 Feb 19 j 06:06	0°♎		min. Earth dist.	223 Dec 03 j 14:03	11°♎15'04	0.98260 AU
	219 Mar 21 j 17:21	0°♎			223 Dec 21 j 23:02	0°♏	
	219 Apr 21 j 17:14	0°♏			224 Jan 20 j 12:25	0°♎	
	219 May 23 j 02:16	0°♊			224 Feb 19 j 11:07	0°♎	

	224 Mar 20 j 22:24	0°Υ		228 Dec 21 j 04:14	0°Θ	
	224 Apr 20 j 22:19	0°Ϡ		229 Jan 19 j 17:37	0°≈	
	224 May 22 j 07:19	0°Π		229 Feb 18 j 16:17	0°Ϡ	
max. Earth dist.	224 Jun 04 j 09:09	12°Π27'12	1.01745 AU	229 Mar 21 j 03:33	0°Υ	
	224 Jun 22 j 19:16	0°Ϡ		229 Apr 21 j 03:25	0°Ϡ	
	224 Jul 24 j 03:05	0°Ω		229 May 22 j 12:23	0°Π	
	224 Aug 24 j 00:58	0°Ϡ		229 Jun 05 j 16:23	13°Π29'21	1.01743 AU
	224 Sep 23 j 10:02	0°♄		229 Jun 23 j 00:19	0°Ϡ	
	224 Oct 23 j 06:54	0°♄		229 Jul 24 j 08:10	0°Ω	
	224 Nov 21 j 19:16	0°♄		229 Aug 24 j 06:09	0°Ϡ	
min. Earth dist.	224 Dec 05 j 05:38	13°♄42'37	0.98261 AU	229 Sep 23 j 15:18	0°♄	
	224 Dec 21 j 04:58	0°Θ		229 Oct 23 j 12:14	0°♄	
	225 Jan 19 j 18:23	0°≈		229 Nov 22 j 00:38	0°♄	
	225 Feb 18 j 17:04	0°Ϡ		229 Dec 04 j 20:55	13°♄06'38	0.98261 AU
	225 Mar 21 j 04:19	0°Υ		229 Dec 21 j 10:16	0°Θ	
	225 Apr 21 j 04:08	0°Ϡ		230 Jan 19 j 23:36	0°≈	
	225 May 22 j 13:04	0°Π		230 Feb 18 j 22:11	0°Ϡ	
max. Earth dist.	225 Jun 03 j 10:42	11°Π20'13	1.01738 AU	230 Mar 21 j 09:22	0°Υ	
	225 Jun 23 j 00:57	0°Ϡ		230 Apr 21 j 09:11	0°Ϡ	
	225 Jul 24 j 08:44	0°Ω		230 May 22 j 18:08	0°Π	
	225 Aug 24 j 06:38	0°Ϡ		230 Jun 03 j 19:36	11°Π29'22	1.01744 AU
	225 Sep 23 j 15:43	0°♄		230 Jun 23 j 06:06	0°Ϡ	
	225 Oct 23 j 12:36	0°♄		230 Jul 24 j 13:58	0°Ω	
	225 Nov 22 j 01:01	0°♄		230 Aug 24 j 11:58	0°Ϡ	
min. Earth dist.	225 Dec 04 j 00:21	12°♄12'53	0.98259 AU	230 Sep 23 j 21:09	0°♄	
	225 Dec 21 j 10:43	0°Θ		230 Oct 23 j 18:06	0°♄	
	226 Jan 20 j 00:09	0°≈		230 Nov 22 j 06:32	0°♄	
	226 Feb 18 j 22:50	0°Ϡ		230 Dec 05 j 10:19	13°♄25'42	0.98256 AU
	226 Mar 21 j 10:04	0°Υ		230 Dec 21 j 16:11	0°Θ	
	226 Apr 21 j 09:52	0°Ϡ		231 Jan 20 j 05:31	0°≈	
	226 May 22 j 18:49	0°Π		231 Feb 19 j 04:05	0°Ϡ	
max. Earth dist.	226 Jun 06 j 07:00	13°Π48'45	1.01741 AU	231 Mar 21 j 15:14	0°Υ	
	226 Jun 23 j 06:44	0°Ϡ		231 Apr 21 j 15:00	0°Ϡ	
	226 Jul 24 j 14:35	0°Ω		231 May 22 j 23:56	0°Π	
	226 Aug 24 j 12:33	0°Ϡ		231 Jun 06 j 04:47	13°Π31'16	1.01742 AU
	226 Sep 23 j 21:40	0°♄		231 Jun 23 j 11:54	0°Ϡ	
	226 Oct 23 j 18:32	0°♄		231 Jul 24 j 19:49	0°Ω	
	226 Nov 22 j 06:52	0°♄		231 Aug 24 j 17:48	0°Ϡ	
min. Earth dist.	226 Dec 03 j 18:34	11°♄43'18	0.98260 AU	231 Sep 24 j 02:57	0°♄	
	226 Dec 21 j 16:31	0°Θ		231 Oct 23 j 23:51	0°♄	
	227 Jan 20 j 05:54	0°≈		231 Nov 22 j 12:15	0°♄	
	227 Feb 19 j 04:34	0°Ϡ		231 Dec 03 j 15:07	11°♄20'36	0.98260 AU
	227 Mar 21 j 15:50	0°Υ		231 Dec 21 j 21:55	0°Θ	
	227 Apr 21 j 15:42	0°Ϡ		232 Jan 20 j 11:18	0°≈	
	227 May 23 j 00:42	0°Π		232 Feb 19 j 09:56	0°Ϡ	
max. Earth dist.	227 Jun 04 j 13:52	11°Π57'10	1.01746 AU	232 Mar 20 j 21:08	0°Υ	
	227 Jun 23 j 12:40	0°Ϡ		232 Apr 20 j 20:56	0°Ϡ	
	227 Jul 24 j 20:34	0°Ω		232 May 22 j 05:54	0°Π	
	227 Aug 24 j 18:32	0°Ϡ		232 Jun 04 j 21:39	13°Π00'17	1.01745 AU
	227 Sep 24 j 03:38	0°♄		232 Jun 22 j 17:52	0°Ϡ	
	227 Oct 24 j 00:29	0°♄		232 Jul 24 j 01:46	0°Ω	
	227 Nov 22 j 12:49	0°♄		232 Aug 23 j 23:46	0°Ϡ	
min. Earth dist.	227 Dec 05 j 21:19	13°♄37'53	0.98254 AU	232 Sep 23 j 08:54	0°♄	
	227 Dec 21 j 22:26	0°Θ		232 Oct 23 j 05:48	0°♄	
	228 Jan 20 j 11:48	0°≈		232 Nov 21 j 18:11	0°♄	
	228 Feb 19 j 10:28	0°Ϡ		232 Dec 05 j 03:27	13°♄39'49	0.98262 AU
	228 Mar 20 j 21:44	0°Υ		232 Dec 21 j 03:52	0°Θ	
	228 Apr 20 j 21:35	0°Ϡ		233 Jan 19 j 17:16	0°≈	
	228 May 22 j 06:33	0°Π		233 Feb 18 j 15:56	0°Ϡ	
max. Earth dist.	228 Jun 04 j 03:38	12°Π15'52	1.01739 AU	233 Mar 21 j 03:06	0°Υ	
	228 Jun 22 j 18:27	0°Ϡ		233 Apr 21 j 02:51	0°Ϡ	
	228 Jul 24 j 02:17	0°Ω		233 May 22 j 11:43	0°Π	
	228 Aug 24 j 00:14	0°Ϡ		233 Jun 03 j 12:43	11°Π28'21	1.01737 AU
	228 Sep 23 j 09:21	0°♄		233 Jun 22 j 23:34	0°Ϡ	
	228 Oct 23 j 06:14	0°♄		233 Jul 24 j 07:24	0°Ω	
	228 Nov 21 j 18:35	0°♄		233 Aug 24 j 05:24	0°Ϡ	
min. Earth dist.	228 Dec 03 j 03:29	11°♄36'01	0.98256 AU	233 Sep 23 j 14:36	0°♄	

	233 Oct 23 j 11:33	0°♌			238 Jul 24 j 12:24	0°♏	
	233 Nov 21 j 23:58	0°♐			238 Aug 24 j 10:25	0°♑	
min. Earth dist.	233 Dec 04 j 09:57	12°♐40'06	0.98257 AU		238 Sep 23 j 19:38	0°♒	
	233 Dec 21 j 09:40	0°♑			238 Oct 23 j 16:34	0°♌	
	234 Jan 19 j 23:02	0°♒			238 Nov 22 j 04:59	0°♐	
	234 Feb 18 j 21:40	0°♑		min. Earth dist.	238 Dec 05 j 15:09	13°♐42'04	0.98256 AU
	234 Mar 21 j 08:50	0°♑			238 Dec 21 j 14:38	0°♑	
	234 Apr 21 j 08:35	0°♒			239 Jan 20 j 03:57	0°♒	
	234 May 22 j 17:27	0°♒			239 Feb 19 j 02:32	0°♑	
max. Earth dist.	234 Jun 06 j 10:52	14°♒01'16	1.01738 AU		239 Mar 21 j 13:39	0°♑	
	234 Jun 23 j 05:19	0°♒			239 Apr 21 j 13:23	0°♒	
	234 Jul 24 j 13:11	0°♏			239 May 22 j 22:17	0°♒	
	234 Aug 24 j 11:12	0°♑		max. Earth dist.	239 Jun 05 j 19:44	13°♒13'48	1.01740 AU
	234 Sep 23 j 20:25	0°♒			239 Jun 23 j 10:13	0°♒	
	234 Oct 23 j 17:23	0°♌			239 Jul 24 j 18:08	0°♏	
	234 Nov 22 j 05:46	0°♐			239 Aug 24 j 16:11	0°♑	
min. Earth dist.	234 Dec 03 j 16:07	11°♐39'45	0.98260 AU		239 Sep 24 j 01:22	0°♒	
	234 Dec 21 j 15:25	0°♑			239 Oct 23 j 22:17	0°♌	
	235 Jan 20 j 04:44	0°♒			239 Nov 22 j 10:40	0°♐	
	235 Feb 19 j 03:20	0°♑		min. Earth dist.	239 Dec 03 j 17:17	11°♐30'13	0.98256 AU
	235 Mar 21 j 14:32	0°♑			239 Dec 21 j 20:17	0°♑	
	235 Apr 21 j 14:21	0°♒			240 Jan 20 j 09:37	0°♒	
	235 May 22 j 23:18	0°♒			240 Feb 19 j 08:13	0°♑	
max. Earth dist.	235 Jun 04 j 21:45	12°♒19'13	1.01744 AU		240 Mar 20 j 19:24	0°♑	
	235 Jun 23 j 11:15	0°♒			240 Apr 20 j 19:12	0°♒	
	235 Jul 24 j 19:07	0°♏			240 May 22 j 04:09	0°♒	
	235 Aug 24 j 17:07	0°♑		max. Earth dist.	240 Jun 05 j 05:44	13°♒23'39	1.01745 AU
	235 Sep 24 j 02:18	0°♒			240 Jun 22 j 16:06	0°♒	
	235 Oct 23 j 23:15	0°♌			240 Jul 24 j 00:01	0°♏	
	235 Nov 22 j 11:39	0°♐			240 Aug 23 j 22:04	0°♑	
min. Earth dist.	235 Dec 06 j 04:33	13°♐59'17	0.98258 AU		240 Sep 23 j 07:18	0°♒	
	235 Dec 21 j 21:19	0°♑			240 Oct 23 j 04:15	0°♌	
	236 Jan 20 j 10:39	0°♒			240 Nov 21 j 16:38	0°♐	
	236 Feb 19 j 09:15	0°♑		min. Earth dist.	240 Dec 05 j 00:29	13°♐36'12	0.98260 AU
	236 Mar 20 j 20:25	0°♑			240 Dec 21 j 02:16	0°♑	
	236 Apr 20 j 20:12	0°♒			241 Jan 19 j 15:35	0°♒	
	236 May 22 j 05:07	0°♒			241 Feb 18 j 14:09	0°♑	
max. Earth dist.	236 Jun 03 j 15:22	11°♒50'12	1.01737 AU		241 Mar 21 j 01:17	0°♑	
	236 Jun 22 j 17:00	0°♒			241 Apr 21 j 01:01	0°♒	
	236 Jul 24 j 00:49	0°♏			241 May 22 j 09:54	0°♒	
	236 Aug 23 j 22:46	0°♑		max. Earth dist.	241 Jun 03 j 12:10	11°♒31'22	1.01739 AU
	236 Sep 23 j 07:54	0°♒			241 Jun 22 j 21:47	0°♒	
	236 Oct 23 j 04:50	0°♌			241 Jul 24 j 05:39	0°♏	
	236 Nov 21 j 17:16	0°♐			241 Aug 24 j 03:41	0°♑	
min. Earth dist.	236 Dec 03 j 11:33	11°♐59'56	0.98259 AU		241 Sep 23 j 12:57	0°♒	
	236 Dec 21 j 02:58	0°♑			241 Oct 23 j 09:59	0°♌	
	237 Jan 19 j 16:21	0°♒			241 Nov 21 j 22:27	0°♐	
	237 Feb 18 j 14:59	0°♑		min. Earth dist.	241 Dec 04 j 21:20	13°♐13'04	0.98257 AU
	237 Mar 21 j 02:09	0°♑			241 Dec 21 j 08:07	0°♑	
	237 Apr 21 j 01:56	0°♒			242 Jan 19 j 21:26	0°♒	
	237 May 22 j 10:51	0°♒			242 Feb 18 j 19:57	0°♑	
max. Earth dist.	237 Jun 05 j 22:53	13°♒48'27	1.01741 AU		242 Mar 21 j 07:01	0°♑	
	237 Jun 22 j 22:46	0°♒			242 Apr 21 j 06:43	0°♒	
	237 Jul 24 j 06:37	0°♏			242 May 22 j 15:35	0°♒	
	237 Aug 24 j 04:36	0°♑		max. Earth dist.	242 Jun 06 j 10:02	14°♒03'43	1.01739 AU
	237 Sep 23 j 13:46	0°♒			242 Jun 23 j 03:30	0°♒	
	237 Oct 23 j 10:42	0°♌			242 Jul 24 j 11:24	0°♏	
	237 Nov 21 j 23:08	0°♐			242 Aug 24 j 09:29	0°♑	
min. Earth dist.	237 Dec 04 j 07:39	12°♐36'27	0.98264 AU		242 Sep 23 j 18:45	0°♒	
	237 Dec 21 j 08:49	0°♑			242 Oct 23 j 15:47	0°♌	
	238 Jan 19 j 22:10	0°♒			242 Nov 22 j 04:14	0°♐	
	238 Feb 18 j 20:45	0°♑		min. Earth dist.	242 Dec 03 j 15:42	11°♐42'34	0.98260 AU
	238 Mar 21 j 07:53	0°♑			242 Dec 21 j 13:54	0°♑	
	238 Apr 21 j 07:38	0°♒			243 Jan 20 j 03:11	0°♒	
	238 May 22 j 16:33	0°♒			243 Feb 19 j 01:42	0°♑	
max. Earth dist.	238 Jun 04 j 02:33	11°♒49'44	1.01743 AU		243 Mar 21 j 12:47	0°♑	
	238 Jun 23 j 04:29	0°♒			243 Apr 21 j 12:30	0°♒	

	243 May 22 j 21:26	0°II			248 Feb 19 j 06:58	0°H		
max. Earth dist.	243 Jun 05 j 08:48	12°II49'54	1.01746 AU		248 Mar 20 j 18:05	0°Y		
	243 Jun 23 j 09:25	0°S			248 Apr 20 j 17:50	0°B		
	243 Jul 24 j 17:22	0°Q			248 May 22 j 02:46	0°II		
	243 Aug 24 j 15:27	0°P		max. Earth dist.	248 Jun 05 j 12:44	13°II43'32	1.01743 AU	
	243 Sep 24 j 00:42	0°A			248 Jun 22 j 14:43	0°S		
	243 Oct 23 j 21:41	0°M			248 Jul 23 j 22:38	0°Q		
	243 Nov 22 j 10:08	0°J			248 Aug 23 j 20:42	0°P		
min. Earth dist.	243 Dec 06 j 06:31	14°J08'10	0.98260 AU		248 Sep 23 j 05:56	0°A		
	243 Dec 21 j 19:49	0°Z			248 Oct 23 j 02:56	0°M		
	244 Jan 20 j 09:09	0°X			248 Nov 21 j 15:23	0°J		
	244 Feb 19 j 07:42	0°H		min. Earth dist.	248 Dec 04 j 15:16	13°J15'44	0.98264 AU	
	244 Mar 20 j 18:47	0°Y			248 Dec 21 j 01:04	0°Z		
	244 Apr 20 j 18:29	0°B			249 Jan 19 j 14:24	0°X		
	244 May 22 j 03:20	0°II			249 Feb 18 j 12:57	0°H		
max. Earth dist.	244 Jun 03 j 12:42	11°II48'09	1.01738 AU		249 Mar 21 j 00:02	0°Y		
	244 Jun 22 j 15:13	0°S			249 Apr 20 j 23:43	0°B		
	244 Jul 23 j 23:06	0°Q			249 May 22 j 08:34	0°II		
	244 Aug 23 j 21:09	0°P		max. Earth dist.	249 Jun 03 j 15:44	11°II42'58	1.01740 AU	
	244 Sep 23 j 06:23	0°A			249 Jun 22 j 20:29	0°S		
	244 Oct 23 j 03:22	0°M			249 Jul 24 j 04:23	0°Q		
	244 Nov 21 j 15:49	0°J			249 Aug 24 j 02:26	0°P		
min. Earth dist.	244 Dec 03 j 19:07	12°J22'57	0.98259 AU		249 Sep 23 j 11:42	0°A		
	244 Dec 21 j 01:32	0°Z			249 Oct 23 j 08:43	0°M		
	245 Jan 19 j 14:55	0°X			249 Nov 21 j 21:12	0°J		
	245 Feb 18 j 13:31	0°H		min. Earth dist.	249 Dec 05 j 03:10	13°J31'12	0.98258 AU	
	245 Mar 21 j 00:38	0°Y			249 Dec 21 j 06:54	0°Z		
	245 Apr 21 j 00:20	0°B			250 Jan 19 j 20:14	0°X		
	245 May 22 j 09:10	0°II			250 Feb 18 j 18:45	0°H		
max. Earth dist.	245 Jun 06 j 05:54	14°II09'12	1.01738 AU		250 Mar 21 j 05:48	0°Y		
	245 Jun 22 j 21:03	0°S			250 Apr 21 j 05:27	0°B		
	245 Jul 24 j 04:56	0°Q			250 May 22 j 14:18	0°II		
	245 Aug 24 j 03:00	0°P		max. Earth dist.	250 Jun 06 j 06:18	13°II57'55	1.01739 AU	
	245 Sep 23 j 12:17	0°A			250 Jun 23 j 02:13	0°S		
	245 Oct 23 j 09:19	0°M			250 Jul 24 j 10:10	0°Q		
	245 Nov 21 j 21:47	0°J			250 Aug 24 j 08:17	0°P		
min. Earth dist.	245 Dec 03 j 23:02	12°J17'51	0.98263 AU		250 Sep 23 j 17:34	0°A		
	245 Dec 21 j 07:27	0°Z			250 Oct 23 j 14:34	0°M		
	246 Jan 19 j 20:46	0°X			250 Nov 22 j 02:59	0°J		
	246 Feb 18 j 19:19	0°H		min. Earth dist.	250 Dec 03 j 13:04	11°J39'01	0.98257 AU	
	246 Mar 21 j 06:25	0°Y			250 Dec 21 j 12:37	0°Z		
	246 Apr 21 j 06:07	0°B			251 Jan 20 j 01:54	0°X		
	246 May 22 j 14:59	0°II			251 Feb 19 j 00:25	0°H		
max. Earth dist.	246 Jun 04 j 10:22	12°II12'03	1.01742 AU		251 Mar 21 j 11:29	0°Y		
	246 Jun 23 j 02:54	0°S			251 Apr 21 j 11:12	0°B		
	246 Jul 24 j 10:49	0°Q			251 May 22 j 20:07	0°II		
	246 Aug 24 j 08:54	0°P		max. Earth dist.	251 Jun 05 j 18:01	13°II14'55	1.01747 AU	
	246 Sep 23 j 18:12	0°A			251 Jun 23 j 08:06	0°S		
	246 Oct 23 j 15:15	0°M			251 Jul 24 j 16:06	0°Q		
	246 Nov 22 j 03:43	0°J			251 Aug 24 j 14:15	0°P		
min. Earth dist.	246 Dec 05 j 23:39	14°J06'57	0.98258 AU		251 Sep 23 j 23:33	0°A		
	246 Dec 21 j 13:23	0°Z			251 Oct 23 j 20:33	0°M		
	247 Jan 20 j 02:41	0°X			251 Nov 22 j 08:57	0°J		
	247 Feb 19 j 01:12	0°H		min. Earth dist.	251 Dec 06 j 05:13	14°J07'58	0.98257 AU	
	247 Mar 21 j 12:17	0°Y			251 Dec 21 j 18:33	0°Z		
	247 Apr 21 j 11:59	0°B			252 Jan 20 j 07:49	0°X		
	247 May 22 j 20:51	0°II			252 Feb 19 j 06:19	0°H		
max. Earth dist.	247 Jun 05 j 06:06	12°II44'50	1.01738 AU		252 Mar 20 j 17:24	0°Y		
	247 Jun 23 j 08:46	0°S			252 Apr 20 j 17:06	0°B		
	247 Jul 24 j 16:40	0°Q			252 May 22 j 01:58	0°II		
	247 Aug 24 j 14:43	0°P		max. Earth dist.	252 Jun 03 j 08:55	11°II42'27	1.01740 AU	
	247 Sep 23 j 23:58	0°A			252 Jun 22 j 13:52	0°S		
	247 Oct 23 j 20:58	0°M			252 Jul 23 j 21:48	0°Q		
	247 Nov 22 j 09:25	0°J			252 Aug 23 j 19:54	0°P		
min. Earth dist.	247 Dec 04 j 00:29	11°J51'42	0.98258 AU		252 Sep 23 j 05:12	0°A		
	247 Dec 21 j 19:06	0°Z			252 Oct 23 j 02:15	0°M		
	248 Jan 20 j 08:25	0°X			252 Nov 21 j 14:42	0°J		

min. Earth dist.	252 Dec 04 j 06:10	12°♄54'06	0.98255 AU		257 Sep 23 j 10:09	0°♊	
	252 Dec 21 j 00:21	0°♄			257 Oct 23 j 07:17	0°♌	
	253 Jan 19 j 13:38	0°♈			257 Nov 21 j 19:49	0°♈	
	253 Feb 18 j 12:08	0°♈		min. Earth dist.	257 Dec 05 j 13:10	14°♄00'17	0.98260 AU
	253 Mar 20 j 23:11	0°♈			257 Dec 21 j 05:31	0°♄	
	253 Apr 20 j 22:51	0°♄			258 Jan 19 j 18:49	0°♈	
	253 May 22 j 07:42	0°♌			258 Feb 18 j 17:18	0°♈	
max. Earth dist.	253 Jun 06 j 07:48	14°♌17'10	1.01740 AU		258 Mar 21 j 04:17	0°♈	
	253 Jun 22 j 19:36	0°♄			258 Apr 21 j 03:51	0°♄	
	253 Jul 24 j 03:32	0°♌		max. Earth dist.	258 May 22 j 12:36	0°♌	
	253 Aug 24 j 01:40	0°♌			258 Jun 05 j 21:46	13°♌41'48	1.01734 AU
	253 Sep 23 j 11:01	0°♊			258 Jun 23 j 00:26	0°♄	
	253 Oct 23 j 08:07	0°♌			258 Jul 24 j 08:21	0°♌	
	253 Nov 21 j 20:37	0°♈			258 Aug 24 j 06:31	0°♌	
min. Earth dist.	253 Dec 03 j 20:38	12°♄14'39	0.98261 AU		258 Sep 23 j 15:54	0°♊	
	253 Dec 21 j 06:16	0°♄			258 Oct 23 j 13:00	0°♌	
	254 Jan 19 j 19:29	0°♈			258 Nov 22 j 01:31	0°♈	
	254 Feb 18 j 17:54	0°♈		min. Earth dist.	258 Dec 03 j 18:56	11°♄57'41	0.98259 AU
	254 Mar 21 j 04:53	0°♈			258 Dec 21 j 11:11	0°♄	
	254 Apr 21 j 04:31	0°♄			259 Jan 20 j 00:26	0°♈	
	254 May 22 j 13:23	0°♌			259 Feb 18 j 22:54	0°♈	
max. Earth dist.	254 Jun 04 j 20:11	12°♌39'06	1.01745 AU		259 Mar 21 j 09:54	0°♈	
	254 Jun 23 j 01:21	0°♄			259 Apr 21 j 09:33	0°♄	
	254 Jul 24 j 09:20	0°♌			259 May 22 j 18:25	0°♌	
	254 Aug 24 j 07:30	0°♌		max. Earth dist.	259 Jun 06 j 01:16	13°♌36'14	1.01743 AU
	254 Sep 23 j 16:53	0°♊			259 Jun 23 j 06:21	0°♄	
	254 Oct 23 j 13:59	0°♌			259 Jul 24 j 14:18	0°♌	
	254 Nov 22 j 02:30	0°♈			259 Aug 24 j 12:27	0°♌	
min. Earth dist.	254 Dec 06 j 06:45	14°♄28'11	0.98259 AU		259 Sep 23 j 21:48	0°♊	
	254 Dec 21 j 12:11	0°♄			259 Oct 23 j 18:54	0°♌	
	255 Jan 20 j 01:26	0°♈			259 Nov 22 j 07:24	0°♈	
	255 Feb 18 j 23:51	0°♈		min. Earth dist.	259 Dec 06 j 02:55	14°♄05'54	0.98263 AU
	255 Mar 21 j 10:48	0°♈			259 Dec 21 j 17:04	0°♄	
	255 Apr 21 j 10:23	0°♄			260 Jan 20 j 06:21	0°♈	
	255 May 22 j 19:13	0°♌			260 Feb 19 j 04:49	0°♈	
max. Earth dist.	255 Jun 05 j 00:19	12°♌35'04	1.01740 AU		260 Mar 20 j 15:50	0°♈	
	255 Jun 23 j 07:08	0°♄			260 Apr 20 j 15:28	0°♄	
	255 Jul 24 j 15:07	0°♌			260 May 22 j 00:18	0°♌	
	255 Aug 24 j 13:15	0°♌		max. Earth dist.	260 Jun 03 j 08:06	11°♌44'30	1.01739 AU
	255 Sep 23 j 22:34	0°♊			260 Jun 22 j 12:11	0°♄	
	255 Oct 23 j 19:38	0°♌			260 Jul 23 j 20:05	0°♌	
	255 Nov 22 j 08:07	0°♈			260 Aug 23 j 18:10	0°♌	
min. Earth dist.	255 Dec 04 j 08:16	12°♄14'53	0.98259 AU		260 Sep 23 j 03:29	0°♊	
	255 Dec 21 j 17:49	0°♄			260 Oct 23 j 00:33	0°♌	
	256 Jan 20 j 07:07	0°♈			260 Nov 21 j 13:05	0°♈	
	256 Feb 19 j 05:36	0°♈		min. Earth dist.	260 Dec 04 j 13:25	13°♄16'43	0.98260 AU
	256 Mar 20 j 16:36	0°♈			260 Dec 20 j 22:48	0°♄	
	256 Apr 20 j 16:13	0°♄			261 Jan 19 j 12:07	0°♈	
	256 May 22 j 01:03	0°♌			261 Feb 18 j 10:36	0°♈	
max. Earth dist.	256 Jun 05 j 23:51	14°♌14'07	1.01741 AU		261 Mar 20 j 21:36	0°♈	
	256 Jun 22 j 12:58	0°♄			261 Apr 20 j 21:13	0°♄	
	256 Jul 23 j 20:57	0°♌			261 May 22 j 06:01	0°♌	
	256 Aug 23 j 19:06	0°♌		max. Earth dist.	261 Jun 06 j 07:10	14°♌19'40	1.01738 AU
	256 Sep 23 j 04:27	0°♊			261 Jun 22 j 17:55	0°♄	
	256 Oct 23 j 01:31	0°♌			261 Jul 24 j 01:51	0°♌	
	256 Nov 21 j 14:00	0°♈			261 Aug 23 j 23:59	0°♌	
min. Earth dist.	256 Dec 04 j 06:00	12°♄55'32	0.98265 AU		261 Sep 23 j 09:19	0°♊	
	256 Dec 20 j 23:41	0°♄			261 Oct 23 j 06:25	0°♌	
	257 Jan 19 j 13:01	0°♈			261 Nov 21 j 18:55	0°♈	
	257 Feb 18 j 11:31	0°♈		min. Earth dist.	261 Dec 03 j 12:00	11°♄56'51	0.98262 AU
	257 Mar 20 j 22:31	0°♈			261 Dec 21 j 04:36	0°♄	
	257 Apr 20 j 22:06	0°♄			262 Jan 19 j 17:52	0°♈	
	257 May 22 j 06:51	0°♌			262 Feb 18 j 16:19	0°♈	
max. Earth dist.	257 Jun 03 j 23:53	12°♌06'31	1.01737 AU		262 Mar 21 j 03:17	0°♈	
	257 Jun 22 j 18:43	0°♄			262 Apr 21 j 02:53	0°♄	
	257 Jul 24 j 02:38	0°♌			262 May 22 j 11:44	0°♌	
	257 Aug 24 j 00:46	0°♌		max. Earth dist.	262 Jun 05 j 05:15	13°♌04'35	1.01745 AU

	262 Jun 22 j 23:42	0°☾			267 Apr 21 j 08:00	0°♄		
	262 Jul 24 j 07:43	0°♈			267 May 22 j 16:50	0°♊		
	262 Aug 24 j 05:56	0°♍		max. Earth dist.	267 Jun 06 j 13:09	14°♊08'11	1.01744 AU	
	262 Sep 23 j 15:19	0°♊			267 Jun 23 j 04:48	0°☾		
	262 Oct 23 j 12:24	0°♌			267 Jul 24 j 12:52	0°♈		
	262 Nov 22 j 00:53	0°♊			267 Aug 24 j 11:08	0°♍		
min. Earth dist.	262 Dec 06 j 05:01	14°♊27'57	0.98258 AU		267 Sep 23 j 20:34	0°♊		
	262 Dec 21 j 10:32	0°♄			267 Oct 23 j 17:43	0°♌		
	263 Jan 19 j 23:46	0°♌			267 Nov 22 j 06:15	0°♊		
	263 Feb 18 j 22:13	0°♋		min. Earth dist.	267 Dec 05 j 19:32	13°♊49'55	0.98264 AU	
	263 Mar 21 j 09:11	0°♍			267 Dec 21 j 15:56	0°♄		
	263 Apr 21 j 08:46	0°♄			268 Jan 20 j 05:11	0°♌		
	263 May 22 j 17:36	0°♊			268 Feb 19 j 03:36	0°♋		
max. Earth dist.	263 Jun 04 j 14:42	12°♊16'03	1.01741 AU		268 Mar 20 j 14:31	0°♍		
	263 Jun 23 j 05:33	0°☾			268 Apr 20 j 14:04	0°♄		
	263 Jul 24 j 13:33	0°♈			268 May 21 j 22:49	0°♊		
	263 Aug 24 j 11:45	0°♍		max. Earth dist.	268 Jun 03 j 16:06	12°♊07'07	1.01739 AU	
	263 Sep 23 j 21:07	0°♊			268 Jun 22 j 10:42	0°☾		
	263 Oct 23 j 18:11	0°♌			268 Jul 23 j 18:40	0°♈		
	263 Nov 22 j 06:38	0°♊			268 Aug 23 j 16:52	0°♍		
min. Earth dist.	263 Dec 04 j 15:39	12°♊37'37	0.98254 AU		268 Sep 23 j 02:18	0°♊		
	263 Dec 21 j 16:15	0°♄			268 Oct 22 j 23:27	0°♌		
	264 Jan 20 j 05:29	0°♌			268 Nov 21 j 12:00	0°♊		
	264 Feb 19 j 03:56	0°♋		min. Earth dist.	268 Dec 04 j 22:39	13°♊43'06	0.98260 AU	
	264 Mar 20 j 14:57	0°♍			268 Dec 20 j 21:43	0°♄		
	264 Apr 20 j 14:35	0°♄			269 Jan 19 j 11:01	0°♌		
	264 May 21 j 23:26	0°♊			269 Feb 18 j 09:27	0°♋		
max. Earth dist.	264 Jun 06 j 03:12	14°♊25'52	1.01742 AU		269 Mar 20 j 20:23	0°♍		
	264 Jun 22 j 11:23	0°☾			269 Apr 20 j 19:54	0°♄		
	264 Jul 23 j 19:24	0°♈			269 May 22 j 04:37	0°♊		
	264 Aug 23 j 17:37	0°♍		max. Earth dist.	269 Jun 06 j 07:05	14°♊22'57	1.01734 AU	
	264 Sep 23 j 03:02	0°♊			269 Jun 22 j 16:27	0°☾		
	264 Oct 23 j 00:08	0°♌			269 Jul 24 j 00:25	0°♈		
	264 Nov 21 j 12:37	0°♊			269 Aug 23 j 22:38	0°♍		
min. Earth dist.	264 Dec 03 j 23:19	12°♊41'58	0.98261 AU		269 Sep 23 j 08:06	0°♊		
	264 Dec 20 j 22:15	0°♄			269 Oct 23 j 05:17	0°♌		
	265 Jan 19 j 11:29	0°♌			269 Nov 21 j 17:51	0°♊		
	265 Feb 18 j 09:54	0°♋		min. Earth dist.	269 Dec 03 j 15:26	12°♊08'16	0.98261 AU	
	265 Mar 20 j 20:51	0°♍			269 Dec 21 j 03:32	0°♄		
	265 Apr 20 j 20:26	0°♄			270 Jan 19 j 16:46	0°♌		
	265 May 22 j 05:15	0°♊			270 Feb 18 j 15:09	0°♋		
max. Earth dist.	265 Jun 04 j 06:03	12°♊24'58	1.01742 AU		270 Mar 21 j 02:04	0°♍		
	265 Jun 22 j 17:10	0°☾			270 Apr 21 j 01:36	0°♄		
	265 Jul 24 j 01:09	0°♈			270 May 22 j 10:22	0°♊		
	265 Aug 23 j 23:22	0°♍		max. Earth dist.	270 Jun 05 j 14:33	13°♊29'59	1.01741 AU	
	265 Sep 23 j 08:50	0°♊			270 Jun 22 j 22:17	0°☾		
	265 Oct 23 j 06:01	0°♌			270 Jul 24 j 06:18	0°♈		
	265 Nov 21 j 18:35	0°♊			270 Aug 24 j 04:33	0°♍		
min. Earth dist.	265 Dec 05 j 23:12	14°♊29'06	0.98259 AU		270 Sep 23 j 14:03	0°♊		
	265 Dec 21 j 04:15	0°♄			270 Oct 23 j 11:15	0°♌		
	266 Jan 19 j 17:28	0°♌			270 Nov 21 j 23:49	0°♊		
	266 Feb 18 j 15:50	0°♋		min. Earth dist.	270 Dec 06 j 09:22	14°♊41'44	0.98262 AU	
	266 Mar 21 j 02:43	0°♍			270 Dec 21 j 09:29	0°♄		
	266 Apr 21 j 02:14	0°♄			271 Jan 19 j 22:42	0°♌		
	266 May 22 j 11:00	0°♊			271 Feb 18 j 21:04	0°♋		
max. Earth dist.	266 Jun 05 j 12:12	13°♊22'48	1.01737 AU		271 Mar 21 j 07:58	0°♍		
	266 Jun 22 j 22:55	0°☾			271 Apr 21 j 07:30	0°♄		
	266 Jul 24 j 06:55	0°♈			271 May 22 j 16:17	0°♊		
	266 Aug 24 j 05:09	0°♍		max. Earth dist.	271 Jun 04 j 08:58	12°♊05'39	1.01739 AU	
	266 Sep 23 j 14:36	0°♊			271 Jun 23 j 04:11	0°☾		
	266 Oct 23 j 11:46	0°♌			271 Jul 24 j 12:09	0°♈		
	266 Nov 22 j 00:19	0°♊			271 Aug 24 j 10:21	0°♍		
min. Earth dist.	266 Dec 04 j 01:18	12°♊17'00	0.98258 AU		271 Sep 23 j 19:46	0°♊		
	266 Dec 21 j 09:59	0°♄			271 Oct 23 j 16:55	0°♌		
	267 Jan 19 j 23:12	0°♌			271 Nov 22 j 05:28	0°♊		
	267 Feb 18 j 21:34	0°♋		min. Earth dist.	271 Dec 05 j 02:10	13°♊07'22	0.98258 AU	
	267 Mar 21 j 08:27	0°♍			271 Dec 21 j 15:10	0°♄		

	272 Jan 20 j 04:24	0°≈			276 Nov 21 j 10:33	0°✎	
	272 Feb 19 j 02:49	0°✎		min. Earth dist.	276 Dec 05 j 08:18	14°✎11'32	0.98257 AU
	272 Mar 20 j 13:44	0°Y			276 Dec 20 j 20:13	0°З	
	272 Apr 20 j 13:17	0°8			277 Jan 19 j 09:25	0°≈	
	272 May 21 j 22:05	0°II			277 Feb 18 j 07:46	0°✎	
max. Earth dist.	272 Jun 06 j 04:53	14°II33'05	1.01739 AU		277 Mar 20 j 18:38	0°Y	
	272 Jun 22 j 10:00	0°☾			277 Apr 20 j 18:08	0°8	
	272 Jul 23 j 18:00	0°Ω			277 May 22 j 02:53	0°II	
	272 Aug 23 j 16:11	0°൬		max. Earth dist.	277 Jun 05 j 20:09	14°II01'03	1.01736 AU
	272 Sep 23 j 01:36	0°♁			277 Jun 22 j 14:46	0°☾	
	272 Oct 22 j 22:45	0°ℳ			277 Jul 23 j 22:45	0°Ω	
	272 Nov 21 j 11:18	0°✎			277 Aug 23 j 21:01	0°൬	
min. Earth dist.	272 Dec 03 j 14:01	12°✎21'27	0.98265 AU		277 Sep 23 j 06:32	0°♁	
	272 Dec 20 j 21:01	0°З			277 Oct 23 j 03:46	0°ℳ	
	273 Jan 19 j 10:17	0°≈			277 Nov 21 j 16:22	0°✎	
	273 Feb 18 j 08:41	0°✎		min. Earth dist.	277 Dec 03 j 20:29	12°✎24'58	0.98259 AU
	273 Mar 20 j 19:34	0°Y			277 Dec 21 j 02:02	0°З	
	273 Apr 20 j 19:05	0°8			278 Jan 19 j 15:11	0°≈	
	273 May 22 j 03:50	0°II			278 Feb 18 j 13:28	0°✎	
max. Earth dist.	273 Jun 04 j 14:53	12°II49'20	1.01741 AU		278 Mar 21 j 00:16	0°Y	
	273 Jun 22 j 15:44	0°☾			278 Apr 20 j 23:44	0°8	
	273 Jul 23 j 23:44	0°Ω			278 May 22 j 08:31	0°II	
	273 Aug 23 j 21:57	0°൬		max. Earth dist.	278 Jun 05 j 24:00	13°II56'45	1.01745 AU
	273 Sep 23 j 07:24	0°♁			278 Jun 22 j 20:29	0°☾	
	273 Oct 23 j 04:35	0°ℳ			278 Jul 24 j 04:35	0°Ω	
	273 Nov 21 j 17:09	0°✎			278 Aug 24 j 02:55	0°൬	
min. Earth dist.	273 Dec 06 j 00:24	14°✎35'48	0.98262 AU		278 Sep 23 j 12:27	0°♁	
	273 Dec 21 j 02:52	0°З			278 Oct 23 j 09:42	0°ℳ	
	274 Jan 19 j 16:07	0°≈			278 Nov 21 j 22:17	0°✎	
	274 Feb 18 j 14:30	0°✎		min. Earth dist.	278 Dec 06 j 07:25	14°✎40'37	0.98262 AU
	274 Mar 21 j 01:22	0°Y			278 Dec 21 j 07:58	0°З	
	274 Apr 21 j 00:51	0°8			279 Jan 19 j 21:08	0°≈	
	274 May 22 j 09:34	0°II			279 Feb 18 j 19:26	0°✎	
max. Earth dist.	274 Jun 05 j 01:32	13°II00'58	1.01736 AU		279 Mar 21 j 06:13	0°Y	
	274 Jun 22 j 21:27	0°☾			279 Apr 21 j 05:40	0°8	
	274 Jul 24 j 05:28	0°Ω			279 May 22 j 14:25	0°II	
	274 Aug 24 j 03:44	0°൬		max. Earth dist.	279 Jun 04 j 12:37	12°II18'45	1.01742 AU
	274 Sep 23 j 13:11	0°♁			279 Jun 23 j 02:22	0°☾	
	274 Oct 23 j 10:20	0°ℳ			279 Jul 24 j 10:25	0°Ω	
	274 Nov 21 j 22:50	0°✎			279 Aug 24 j 08:43	0°൬	
min. Earth dist.	274 Dec 04 j 04:19	12°✎28'30	0.98256 AU		279 Sep 23 j 18:12	0°♁	
	274 Dec 21 j 08:29	0°З			279 Oct 23 j 15:24	0°ℳ	
	275 Jan 19 j 21:41	0°≈			279 Nov 22 j 03:58	0°✎	
	275 Feb 18 j 20:04	0°✎		min. Earth dist.	279 Dec 05 j 10:26	13°✎32'23	0.98258 AU
	275 Mar 21 j 06:58	0°Y			279 Dec 21 j 13:39	0°З	
	275 Apr 21 j 06:30	0°8			280 Jan 20 j 02:53	0°≈	
	275 May 22 j 15:18	0°II			280 Feb 19 j 01:14	0°✎	
max. Earth dist.	275 Jun 06 j 19:47	14°II27'36	1.01743 AU		280 Mar 20 j 12:04	0°Y	
	275 Jun 23 j 03:15	0°☾			280 Apr 20 j 11:32	0°8	
	275 Jul 24 j 11:19	0°Ω			280 May 21 j 20:15	0°II	
	275 Aug 24 j 09:37	0°൬		max. Earth dist.	280 Jun 06 j 09:44	14°II49'02	1.01738 AU
	275 Sep 23 j 19:06	0°♁			280 Jun 22 j 08:10	0°☾	
	275 Oct 23 j 16:15	0°ℳ			280 Jul 23 j 16:13	0°Ω	
	275 Nov 22 j 04:45	0°✎			280 Aug 23 j 14:32	0°൬	
min. Earth dist.	275 Dec 05 j 07:43	13°✎23'33	0.98260 AU		280 Sep 23 j 00:03	0°♁	
	275 Dec 21 j 14:22	0°З			280 Oct 22 j 21:16	0°ℳ	
	276 Jan 20 j 03:34	0°≈			280 Nov 21 j 09:50	0°✎	
	276 Feb 19 j 01:56	0°✎		min. Earth dist.	280 Dec 03 j 10:40	12°✎16'36	0.98263 AU
	276 Mar 20 j 12:51	0°Y			280 Dec 20 j 19:31	0°З	
	276 Apr 20 j 12:24	0°8			281 Jan 19 j 08:45	0°≈	
	276 May 21 j 21:10	0°II			281 Feb 18 j 07:05	0°✎	
max. Earth dist.	276 Jun 03 j 19:01	12°II17'57	1.01741 AU		281 Mar 20 j 17:55	0°Y	
	276 Jun 22 j 09:05	0°☾			281 Apr 20 j 17:21	0°8	
	276 Jul 23 j 17:05	0°Ω			281 May 22 j 02:03	0°II	
	276 Aug 23 j 15:19	0°൬		max. Earth dist.	281 Jun 05 j 02:10	13°II20'26	1.01739 AU
	276 Sep 23 j 00:48	0°♁			281 Jun 22 j 13:55	0°☾	
	276 Oct 22 j 22:00	0°ℳ			281 Jul 23 j 21:58	0°Ω	

	281 Aug 23 j 20:17	0° \mathbb{M}		max. Earth dist.	286 Jun 06 j 09:11	14° \mathbb{I} 21'55	1.01744 AU
	281 Sep 23 j 05:52	0° \mathbb{L}			286 Jun 22 j 19:05	0° \mathbb{G}	
	281 Oct 23 j 03:09	0° \mathbb{M}			286 Jul 24 j 03:12	0° \mathbb{Q}	
	281 Nov 21 j 15:46	0° \mathbb{J}			286 Aug 24 j 01:35	0° \mathbb{M}	
min. Earth dist.	281 Dec 06 j 06:06	14° \mathbb{J} 53'55	0.98262 AU		286 Sep 23 j 11:10	0° \mathbb{L}	
	281 Dec 21 j 01:28	0° \mathbb{Z}			286 Oct 23 j 08:26	0° \mathbb{M}	
	282 Jan 19 j 14:40	0° \approx			286 Nov 21 j 21:00	0° \mathbb{J}	
	282 Feb 18 j 12:59	0° \mathbb{H}		min. Earth dist.	286 Dec 05 j 20:44	14° \mathbb{J} 16'38	0.98261 AU
	282 Mar 20 j 23:47	0° \mathbb{Y}			286 Dec 21 j 06:39	0° \mathbb{Z}	
	282 Apr 20 j 23:13	0° \mathbb{B}			287 Jan 19 j 19:48	0° \approx	
	282 May 22 j 07:54	0° \mathbb{I}			287 Feb 18 j 18:06	0° \mathbb{H}	
max. Earth dist.	282 Jun 04 j 16:47	12° \mathbb{I} 44'14	1.01735 AU		287 Mar 21 j 04:54	0° \mathbb{Y}	
	282 Jun 22 j 19:45	0° \mathbb{G}			287 Apr 21 j 04:21	0° \mathbb{B}	
	282 Jul 24 j 03:46	0° \mathbb{Q}			287 May 22 j 13:05	0° \mathbb{I}	
	282 Aug 24 j 02:05	0° \mathbb{M}		max. Earth dist.	287 Jun 04 j 14:56	12° \mathbb{I} 27'30	1.01743 AU
	282 Sep 23 j 11:39	0° \mathbb{L}			287 Jun 23 j 01:01	0° \mathbb{G}	
	282 Oct 23 j 08:55	0° \mathbb{M}			287 Jul 24 j 09:07	0° \mathbb{Q}	
	282 Nov 21 j 21:31	0° \mathbb{J}			287 Aug 24 j 07:27	0° \mathbb{M}	
min. Earth dist.	282 Dec 04 j 15:44	13° \mathbb{J} 01'01	0.98257 AU		287 Sep 23 j 17:01	0° \mathbb{L}	
	282 Dec 21 j 07:11	0° \mathbb{Z}			287 Oct 23 j 14:15	0° \mathbb{M}	
	283 Jan 19 j 20:21	0° \approx			287 Nov 22 j 02:48	0° \mathbb{J}	
	283 Feb 18 j 18:39	0° \mathbb{H}		min. Earth dist.	287 Dec 05 j 19:12	13° \mathbb{J} 57'49	0.98255 AU
	283 Mar 21 j 05:28	0° \mathbb{Y}			287 Dec 21 j 12:27	0° \mathbb{Z}	
	283 Apr 21 j 04:56	0° \mathbb{B}			288 Jan 20 j 01:36	0° \approx	
	283 May 22 j 13:41	0° \mathbb{I}			288 Feb 18 j 23:54	0° \mathbb{H}	
max. Earth dist.	283 Jun 07 j 00:33	14° \mathbb{I} 42'47	1.01740 AU		288 Mar 20 j 10:43	0° \mathbb{Y}	
	283 Jun 23 j 01:37	0° \mathbb{G}			288 Apr 20 j 10:10	0° \mathbb{B}	
	283 Jul 24 j 09:41	0° \mathbb{Q}			288 May 21 j 18:54	0° \mathbb{I}	
	283 Aug 24 j 08:00	0° \mathbb{M}		max. Earth dist.	288 Jun 06 j 05:00	14° \mathbb{I} 41'02	1.01738 AU
	283 Sep 23 j 17:33	0° \mathbb{L}			288 Jun 22 j 06:49	0° \mathbb{G}	
	283 Oct 23 j 14:48	0° \mathbb{M}			288 Jul 23 j 14:53	0° \mathbb{Q}	
	283 Nov 22 j 03:24	0° \mathbb{J}			288 Aug 23 j 13:14	0° \mathbb{M}	
min. Earth dist.	283 Dec 05 j 00:58	13° \mathbb{J} 09'40	0.98264 AU		288 Sep 22 j 22:49	0° \mathbb{L}	
	283 Dec 21 j 13:04	0° \mathbb{Z}			288 Oct 22 j 20:06	0° \mathbb{M}	
	284 Jan 20 j 02:16	0° \approx			288 Nov 21 j 08:42	0° \mathbb{J}	
	284 Feb 19 j 00:34	0° \mathbb{H}		min. Earth dist.	288 Dec 03 j 13:31	12° \mathbb{J} 26'45	0.98260 AU
	284 Mar 20 j 11:24	0° \mathbb{Y}			288 Dec 20 j 18:22	0° \mathbb{Z}	
	284 Apr 20 j 10:54	0° \mathbb{B}			289 Jan 19 j 07:31	0° \approx	
	284 May 21 j 19:38	0° \mathbb{I}			289 Feb 18 j 05:46	0° \mathbb{H}	
max. Earth dist.	284 Jun 04 j 01:31	12° \mathbb{I} 37'04	1.01740 AU		289 Mar 20 j 16:31	0° \mathbb{Y}	
	284 Jun 22 j 07:32	0° \mathbb{G}			289 Apr 20 j 15:55	0° \mathbb{B}	
	284 Jul 23 j 15:33	0° \mathbb{Q}			289 May 22 j 00:38	0° \mathbb{I}	
	284 Aug 23 j 13:49	0° \mathbb{M}		max. Earth dist.	289 Jun 05 j 10:45	13° \mathbb{I} 44'09	1.01741 AU
	284 Sep 22 j 23:19	0° \mathbb{L}			289 Jun 22 j 12:32	0° \mathbb{G}	
	284 Oct 22 j 20:34	0° \mathbb{M}			289 Jul 23 j 20:37	0° \mathbb{Q}	
	284 Nov 21 j 09:12	0° \mathbb{J}			289 Aug 23 j 19:00	0° \mathbb{M}	
min. Earth dist.	284 Dec 05 j 14:42	14° \mathbb{J} 31'18	0.98262 AU		289 Sep 23 j 04:38	0° \mathbb{L}	
	284 Dec 20 j 18:56	0° \mathbb{Z}			289 Oct 23 j 01:59	0° \mathbb{M}	
	285 Jan 19 j 08:10	0° \approx			289 Nov 21 j 14:39	0° \mathbb{J}	
	285 Feb 18 j 06:30	0° \mathbb{H}		min. Earth dist.	289 Dec 06 j 09:54	15° \mathbb{J} 06'25	0.98263 AU
	285 Mar 20 j 17:19	0° \mathbb{Y}			289 Dec 21 j 00:21	0° \mathbb{Z}	
	285 Apr 20 j 16:45	0° \mathbb{B}			290 Jan 19 j 13:30	0° \approx	
	285 May 22 j 01:27	0° \mathbb{I}			290 Feb 18 j 11:44	0° \mathbb{H}	
max. Earth dist.	285 Jun 05 j 09:37	13° \mathbb{I} 39'30	1.01735 AU		290 Mar 20 j 22:26	0° \mathbb{Y}	
	285 Jun 22 j 13:19	0° \mathbb{G}			290 Apr 20 j 21:47	0° \mathbb{B}	
	285 Jul 23 j 21:20	0° \mathbb{Q}			290 May 22 j 06:27	0° \mathbb{I}	
	285 Aug 23 j 19:38	0° \mathbb{M}		max. Earth dist.	290 Jun 04 j 13:33	12° \mathbb{I} 40'01	1.01738 AU
	285 Sep 23 j 05:09	0° \mathbb{L}			290 Jun 22 j 18:20	0° \mathbb{G}	
	285 Oct 23 j 02:24	0° \mathbb{M}			290 Jul 24 j 02:25	0° \mathbb{Q}	
	285 Nov 21 j 15:01	0° \mathbb{J}			290 Aug 24 j 00:47	0° \mathbb{M}	
min. Earth dist.	285 Dec 03 j 21:57	12° \mathbb{J} 32'08	0.98260 AU		290 Sep 23 j 10:24	0° \mathbb{L}	
	285 Dec 21 j 00:42	0° \mathbb{Z}			290 Oct 23 j 07:42	0° \mathbb{M}	
	286 Jan 19 j 13:53	0° \approx			290 Nov 21 j 20:21	0° \mathbb{J}	
	286 Feb 18 j 12:11	0° \mathbb{H}		min. Earth dist.	290 Dec 05 j 00:54	13° \mathbb{J} 27'25	0.98259 AU
	286 Mar 20 j 22:57	0° \mathbb{Y}			290 Dec 21 j 06:02	0° \mathbb{Z}	
	286 Apr 20 j 22:23	0° \mathbb{B}			291 Jan 19 j 19:12	0° \approx	
	286 May 22 j 07:07	0° \mathbb{I}			291 Feb 18 j 17:26	0° \mathbb{H}	

	291 Mar 21 j 04:08	0°Υ		295 Dec 21 j 11:00	0°Ξ	
	291 Apr 21 j 03:30	0°Ϡ		296 Jan 20 j 00:10	0°≈	
	291 May 22 j 12:11	0°Π		296 Feb 18 j 22:25	0°Ϡ	
max. Earth dist.	291 Jun 07 j 07:23	15°Π02'38	1.01740 AU	296 Mar 20 j 09:09	0°Υ	
	291 Jun 23 j 00:08	0°Ϡ		296 Apr 20 j 08:33	0°Ϡ	
	291 Jul 24 j 08:15	0°Ω		296 May 21 j 17:15	0°Π	
	291 Aug 24 j 06:39	0°Ϡ		296 Jun 05 j 19:30	14°Π22'25	1.01737 AU
	291 Sep 23 j 16:15	0°Ϡ		296 Jun 22 j 05:09	0°Ϡ	
	291 Oct 23 j 13:32	0°Π		296 Jul 23 j 13:13	0°Ω	
	291 Nov 22 j 02:09	0°Ϡ		296 Aug 23 j 11:34	0°Ϡ	
min. Earth dist.	291 Dec 04 j 15:33	12°Ϡ48'44	0.98265 AU	296 Sep 22 j 21:09	0°Ϡ	
	291 Dec 21 j 11:51	0°Ξ		296 Oct 22 j 18:26	0°Π	
	292 Jan 20 j 01:02	0°≈		296 Nov 21 j 07:04	0°Ϡ	
	292 Feb 18 j 23:19	0°Ϡ		296 Dec 03 j 13:46	12°Ϡ31'29	0.98262 AU
	292 Mar 20 j 10:05	0°Υ		296 Dec 20 j 16:46	0°Ξ	
	292 Apr 20 j 09:28	0°Ϡ		297 Jan 19 j 05:57	0°≈	
	292 May 21 j 18:07	0°Π		297 Feb 18 j 04:11	0°Ϡ	
max. Earth dist.	292 Jun 04 j 12:27	13°Π06'43	1.01739 AU	297 Mar 20 j 14:53	0°Υ	
	292 Jun 22 j 05:59	0°Ϡ		297 Apr 20 j 14:14	0°Ϡ	
	292 Jul 23 j 14:03	0°Ω		297 May 21 j 22:54	0°Π	
	292 Aug 23 j 12:24	0°Ϡ		297 Jun 05 j 19:56	14°Π10'04	1.01741 AU
	292 Sep 22 j 22:00	0°Ϡ		297 Jun 22 j 10:49	0°Ϡ	
	292 Oct 22 j 19:18	0°Π		297 Jul 23 j 18:56	0°Ω	
	292 Nov 21 j 07:57	0°Ϡ		297 Aug 23 j 17:21	0°Ϡ	
min. Earth dist.	292 Dec 05 j 20:07	14°Ϡ48'20	0.98263 AU	297 Sep 23 j 03:00	0°Ϡ	
	292 Dec 20 j 17:40	0°Ξ		297 Oct 23 j 00:20	0°Π	
	293 Jan 19 j 06:53	0°≈		297 Nov 21 j 12:59	0°Ϡ	
	293 Feb 18 j 05:11	0°Ϡ		297 Dec 06 j 03:17	14°Ϡ53'46	0.98264 AU
	293 Mar 20 j 15:57	0°Υ		297 Dec 20 j 22:41	0°Ξ	
	293 Apr 20 j 15:19	0°Ϡ		298 Jan 19 j 11:50	0°≈	
	293 May 21 j 23:56	0°Π		298 Feb 18 j 10:03	0°Ϡ	
max. Earth dist.	293 Jun 04 j 23:47	13°Π19'51	1.01732 AU	298 Mar 20 j 20:45	0°Υ	
	293 Jun 22 j 11:44	0°Ϡ		298 Apr 20 j 20:04	0°Ϡ	
	293 Jul 23 j 19:45	0°Ω		298 May 22 j 04:42	0°Π	
	293 Aug 23 j 18:06	0°Ϡ		298 Jun 04 j 12:53	12°Π42'35	1.01739 AU
	293 Sep 23 j 03:44	0°Ϡ		298 Jun 22 j 16:37	0°Ϡ	
	293 Oct 23 j 01:04	0°Π		298 Jul 24 j 00:44	0°Ω	
	293 Nov 21 j 13:43	0°Ϡ		298 Aug 23 j 23:10	0°Ϡ	
min. Earth dist.	293 Dec 04 j 05:37	12°Ϡ55'02	0.98259 AU	298 Sep 23 j 08:49	0°Ϡ	
	293 Dec 20 j 23:23	0°Ξ		298 Oct 23 j 06:08	0°Π	
	294 Jan 19 j 12:32	0°≈		298 Nov 21 j 18:44	0°Ϡ	
	294 Feb 18 j 10:46	0°Ϡ		298 Dec 05 j 08:08	13°Ϡ50'07	0.98255 AU
	294 Mar 20 j 21:30	0°Υ		298 Dec 21 j 04:22	0°Ξ	
	294 Apr 20 j 20:52	0°Ϡ		299 Jan 19 j 17:28	0°≈	
	294 May 22 j 05:33	0°Π		299 Feb 18 j 15:41	0°Ϡ	
max. Earth dist.	294 Jun 06 j 15:49	14°Π41'27	1.01740 AU	299 Mar 21 j 02:23	0°Υ	
	294 Jun 22 j 17:27	0°Ϡ		299 Apr 21 j 01:45	0°Ϡ	
	294 Jul 24 j 01:33	0°Ω		299 May 22 j 10:26	0°Π	
	294 Aug 23 j 23:58	0°Ϡ		299 Jun 07 j 07:28	15°Π07'02	1.01740 AU
	294 Sep 23 j 09:37	0°Ϡ		299 Jun 22 j 22:22	0°Ϡ	
	294 Oct 23 j 06:57	0°Π		299 Jul 24 j 06:32	0°Ω	
	294 Nov 21 j 19:36	0°Ϡ		299 Aug 24 j 05:00	0°Ϡ	
min. Earth dist.	294 Dec 05 j 13:28	14°Ϡ01'32	0.98264 AU	299 Sep 23 j 14:40	0°Ϡ	
	294 Dec 21 j 05:16	0°Ξ		299 Oct 23 j 12:00	0°Π	
	295 Jan 19 j 18:24	0°≈		299 Nov 22 j 00:37	0°Ϡ	
	295 Feb 18 j 16:37	0°Ϡ		299 Dec 04 j 12:24	12°Ϡ44'34	0.98260 AU
	295 Mar 21 j 03:22	0°Υ		299 Dec 21 j 10:15	0°Ξ	
	295 Apr 21 j 02:46	0°Ϡ		300 Jan 19 j 23:21	0°≈	
	295 May 22 j 11:28	0°Π		300 Feb 18 j 21:33	0°Ϡ	
max. Earth dist.	295 Jun 04 j 17:55	12°Π38'26	1.01742 AU	300 Mar 20 j 08:16	0°Υ	
	295 Jun 22 j 23:24	0°Ϡ		300 Apr 20 j 07:39	0°Ϡ	
	295 Jul 24 j 07:28	0°Ω		300 May 21 j 16:20	0°Π	
	295 Aug 24 j 05:48	0°Ϡ		300 Jun 04 j 20:40	13°Π30'26	1.01741 AU
	295 Sep 23 j 15:23	0°Ϡ		300 Jun 22 j 04:14	0°Ϡ	
	295 Oct 23 j 12:41	0°Π		300 Jul 23 j 12:21	0°Ω	
	295 Nov 22 j 01:19	0°Ϡ		300 Aug 23 j 10:47	0°Ϡ	
min. Earth dist.	295 Dec 06 j 03:38	14°Ϡ23'09	0.98259 AU	300 Sep 22 j 20:28	0°Ϡ	

	300 Oct 22 j 17:51	0°♌			305 Jul 23 j 17:28	0°♏		
	300 Nov 21 j 06:31	0°♏			305 Aug 23 j 15:57	0°♐		
min. Earth dist.	300 Dec 06 j 03:12	15°♏10'05	0.98262 AU		305 Sep 23 j 01:43	0°♑		
	300 Dec 20 j 16:13	0°♑			305 Oct 22 j 23:09	0°♌		
	301 Jan 19 j 05:20	0°♒			305 Nov 21 j 11:53	0°♏		
	301 Feb 18 j 03:32	0°♐		min. Earth dist.	305 Dec 06 j 00:02	14°♏48'13	0.98266 AU	
	301 Mar 20 j 14:12	0°♑			305 Dec 20 j 21:35	0°♑		
	301 Apr 20 j 13:31	0°♒			306 Jan 19 j 10:43	0°♒		
	301 May 21 j 22:09	0°♑			306 Feb 18 j 08:54	0°♐		
max. Earth dist.	301 Jun 04 j 14:39	13°♑02'19	1.01735 AU		306 Mar 20 j 19:33	0°♑		
	301 Jun 22 j 10:02	0°♑			306 Apr 20 j 18:50	0°♒		
	301 Jul 23 j 18:06	0°♏			306 May 22 j 03:26	0°♑		
	301 Aug 23 j 16:31	0°♐		max. Earth dist.	306 Jun 04 j 13:56	12°♑48'12	1.01737 AU	
	301 Sep 23 j 02:13	0°♑			306 Jun 22 j 15:17	0°♑		
	301 Oct 22 j 23:39	0°♌			306 Jul 23 j 23:23	0°♏		
	301 Nov 21 j 12:21	0°♏			306 Aug 23 j 21:50	0°♐		
min. Earth dist.	301 Dec 04 j 15:31	13°♏23'47	0.98259 AU		306 Sep 23 j 07:33	0°♑		
	301 Dec 20 j 22:02	0°♑			306 Oct 23 j 04:57	0°♌		
	302 Jan 19 j 11:08	0°♒			306 Nov 21 j 17:39	0°♏		
	302 Feb 18 j 09:16	0°♐		min. Earth dist.	306 Dec 05 j 18:20	14°♏18'55	0.98259 AU	
	302 Mar 20 j 19:53	0°♑			306 Dec 21 j 03:20	0°♑		
	302 Apr 20 j 19:10	0°♒			307 Jan 19 j 16:26	0°♒		
	302 May 22 j 03:49	0°♑			307 Feb 18 j 14:36	0°♐		
max. Earth dist.	302 Jun 07 j 00:18	15°♑05'42	1.01741 AU		307 Mar 21 j 01:15	0°♑		
	302 Jun 22 j 15:46	0°♑			307 Apr 21 j 00:34	0°♒		
	302 Jul 23 j 23:57	0°♏			307 May 22 j 09:13	0°♑		
	302 Aug 23 j 22:26	0°♐		max. Earth dist.	307 Jun 07 j 02:19	14°♑57'42	1.01737 AU	
	302 Sep 23 j 08:10	0°♑			307 Jun 22 j 21:07	0°♑		
	302 Oct 23 j 05:34	0°♌			307 Jul 24 j 05:14	0°♏		
	302 Nov 21 j 18:16	0°♏			307 Aug 24 j 03:41	0°♐		
min. Earth dist.	302 Dec 05 j 03:58	13°♏40'33	0.98265 AU		307 Sep 23 j 13:22	0°♑		
	302 Dec 21 j 03:58	0°♑			307 Oct 23 j 10:45	0°♌		
	303 Jan 19 j 17:05	0°♒			307 Nov 21 j 23:26	0°♏		
	303 Feb 18 j 15:15	0°♐		min. Earth dist.	307 Dec 04 j 10:46	12°♏43'20	0.98263 AU	
	303 Mar 21 j 01:53	0°♑			307 Dec 21 j 09:08	0°♑		
	303 Apr 21 j 01:10	0°♒			308 Jan 19 j 22:16	0°♒		
	303 May 22 j 09:49	0°♑			308 Feb 18 j 20:27	0°♐		
max. Earth dist.	303 Jun 05 j 03:56	13°♑06'12	1.01742 AU		308 Mar 20 j 07:06	0°♑		
	303 Jun 22 j 21:45	0°♑			308 Apr 20 j 06:26	0°♒		
	303 Jul 24 j 05:55	0°♏			308 May 21 j 15:05	0°♑		
	303 Aug 24 j 04:22	0°♐		max. Earth dist.	308 Jun 05 j 05:12	13°♑53'42	1.01740 AU	
	303 Sep 23 j 14:02	0°♑			308 Jun 22 j 02:58	0°♑		
	303 Oct 23 j 11:24	0°♌			308 Jul 23 j 11:05	0°♏		
	303 Nov 22 j 00:04	0°♏			308 Aug 23 j 09:30	0°♐		
min. Earth dist.	303 Dec 06 j 10:31	14°♏43'53	0.98261 AU		308 Sep 22 j 19:11	0°♑		
	303 Dec 21 j 09:47	0°♑			308 Oct 22 j 16:33	0°♌		
	304 Jan 19 j 22:57	0°♒			308 Nov 21 j 05:15	0°♏		
	304 Feb 18 j 21:10	0°♐		min. Earth dist.	308 Dec 06 j 00:14	15°♏05'42	0.98266 AU	
	304 Mar 20 j 07:51	0°♑			308 Dec 20 j 14:59	0°♑		
	304 Apr 20 j 07:09	0°♒			309 Jan 19 j 04:09	0°♒		
	304 May 21 j 15:45	0°♑			309 Feb 18 j 02:22	0°♐		
max. Earth dist.	304 Jun 05 j 12:42	14°♑09'56	1.01734 AU		309 Mar 20 j 13:01	0°♑		
	304 Jun 22 j 03:37	0°♑			309 Apr 20 j 12:17	0°♒		
	304 Jul 23 j 11:43	0°♏			309 May 21 j 20:54	0°♑		
	304 Aug 23 j 10:10	0°♐		max. Earth dist.	309 Jun 04 j 09:04	12°♑52'08	1.01735 AU	
	304 Sep 22 j 19:51	0°♑			309 Jun 22 j 08:46	0°♑		
	304 Oct 22 j 17:14	0°♌			309 Jul 23 j 16:51	0°♏		
	304 Nov 21 j 05:55	0°♏			309 Aug 23 j 15:17	0°♐		
min. Earth dist.	304 Dec 03 j 19:19	12°♏48'36	0.98262 AU		309 Sep 23 j 00:59	0°♑		
	304 Dec 20 j 15:37	0°♑			309 Oct 22 j 22:22	0°♌		
	305 Jan 19 j 04:47	0°♒			309 Nov 21 j 11:02	0°♏		
	305 Feb 18 j 03:00	0°♐		min. Earth dist.	309 Dec 04 j 20:19	13°♏39'28	0.98258 AU	
	305 Mar 20 j 13:39	0°♑			309 Dec 20 j 20:43	0°♑		
	305 Apr 20 j 12:55	0°♒			310 Jan 19 j 09:49	0°♒		
	305 May 21 j 21:30	0°♑			310 Feb 18 j 07:58	0°♐		
max. Earth dist.	305 Jun 06 j 05:25	14°♑35'59	1.01737 AU		310 Mar 20 j 18:35	0°♑		
	305 Jun 22 j 09:21	0°♑			310 Apr 20 j 17:50	0°♒		

	310 May 22 j 02:28	0°II			315 Feb 18 j 13:02	0°H		
max. Earth dist.	310 Jun 07 j 04:00	15°II17'44	1.01741 AU		315 Mar 20 j 23:33	0°Y		
	310 Jun 22 j 14:24	0°S			315 Apr 20 j 22:45	0°B		
	310 Jul 23 j 22:36	0°Q			315 May 22 j 07:19	0°II		
	310 Aug 23 j 21:08	0°P		max. Earth dist.	315 Jun 07 j 02:18	15°II02'17	1.01737 AU	
	310 Sep 23 j 06:53	0°A			315 Jun 22 j 19:13	0°S		
	310 Oct 23 j 04:17	0°M			315 Jul 24 j 03:25	0°Q		
	310 Nov 21 j 16:55	0°J			315 Aug 24 j 01:59	0°P		
min. Earth dist.	310 Dec 04 j 15:44	13°J12'48	0.98261 AU		315 Sep 23 j 11:46	0°A		
	310 Dec 21 j 02:33	0°Z			315 Oct 23 j 09:13	0°M		
	311 Jan 19 j 15:37	0°X			315 Nov 21 j 21:56	0°J		
	311 Feb 18 j 13:45	0°H		min. Earth dist.	315 Dec 04 j 13:25	12°J53'56	0.98262 AU	
	311 Mar 21 j 00:23	0°Y			315 Dec 21 j 07:37	0°Z		
	311 Apr 20 j 23:42	0°B			316 Jan 19 j 20:43	0°X		
	311 May 22 j 08:21	0°II			316 Feb 18 j 18:51	0°H		
max. Earth dist.	311 Jun 05 j 10:00	13°II24'03	1.01744 AU		316 Mar 20 j 05:24	0°Y		
	311 Jun 22 j 20:18	0°S			316 Apr 20 j 04:37	0°B		
	311 Jul 24 j 04:29	0°Q			316 May 21 j 13:09	0°II		
	311 Aug 24 j 03:00	0°P		max. Earth dist.	316 Jun 05 j 17:48	14°II28'17	1.01738 AU	
	311 Sep 23 j 12:43	0°A			316 Jun 22 j 01:01	0°S		
	311 Oct 23 j 10:06	0°M			316 Jul 23 j 09:10	0°Q		
	311 Nov 21 j 22:45	0°J			316 Aug 23 j 07:43	0°P		
min. Earth dist.	311 Dec 06 j 17:12	15°J04'26	0.98257 AU		316 Sep 22 j 17:32	0°A		
	311 Dec 21 j 08:23	0°Z			316 Oct 22 j 15:01	0°M		
	312 Jan 19 j 21:27	0°X			316 Nov 21 j 03:46	0°J		
	312 Feb 18 j 19:35	0°H		min. Earth dist.	316 Dec 06 j 00:14	15°J09'25	0.98267 AU	
	312 Mar 20 j 06:13	0°Y			316 Dec 20 j 13:30	0°Z		
	312 Apr 20 j 05:32	0°B			317 Jan 19 j 02:38	0°X		
	312 May 21 j 14:10	0°II			317 Feb 18 j 00:46	0°H		
max. Earth dist.	312 Jun 04 j 20:47	13°II35'52	1.01737 AU		317 Mar 20 j 11:21	0°Y		
	312 Jun 22 j 02:04	0°S			317 Apr 20 j 10:33	0°B		
	312 Jul 23 j 10:12	0°Q			317 May 21 j 19:04	0°II		
	312 Aug 23 j 08:42	0°P		max. Earth dist.	317 Jun 04 j 09:15	12°II57'01	1.01733 AU	
	312 Sep 22 j 18:27	0°A			317 Jun 22 j 06:53	0°S		
	312 Oct 22 j 15:53	0°M			317 Jul 23 j 14:59	0°Q		
	312 Nov 21 j 04:34	0°J			317 Aug 23 j 13:29	0°P		
min. Earth dist.	312 Dec 04 j 04:21	13°J15'09	0.98258 AU		317 Sep 22 j 23:19	0°A		
	312 Dec 20 j 14:14	0°Z			317 Oct 22 j 20:50	0°M		
	313 Jan 19 j 03:17	0°X			317 Nov 21 j 09:35	0°J		
	313 Feb 18 j 01:22	0°H		min. Earth dist.	317 Dec 05 j 08:22	14°J13'56	0.98260 AU	
	313 Mar 20 j 11:54	0°Y			317 Dec 20 j 19:17	0°Z		
	313 Apr 20 j 11:08	0°B			318 Jan 19 j 08:21	0°X		
	313 May 21 j 19:43	0°II			318 Feb 18 j 06:26	0°H		
max. Earth dist.	313 Jun 06 j 12:50	14°II57'44	1.01741 AU		318 Mar 20 j 16:58	0°Y		
	313 Jun 22 j 07:39	0°S			318 Apr 20 j 16:09	0°B		
	313 Jul 23 j 15:50	0°Q			318 May 22 j 00:42	0°II		
	313 Aug 23 j 14:22	0°P		max. Earth dist.	318 Jun 07 j 04:28	15°II23'06	1.01736 AU	
	313 Sep 23 j 00:12	0°A			318 Jun 22 j 12:35	0°S		
	313 Oct 22 j 21:42	0°M			318 Jul 23 j 20:46	0°Q		
	313 Nov 21 j 10:27	0°J			318 Aug 23 j 19:20	0°P		
min. Earth dist.	313 Dec 05 j 17:41	14°J35'35	0.98265 AU		318 Sep 23 j 05:10	0°A		
	313 Dec 20 j 20:09	0°Z			318 Oct 23 j 02:41	0°M		
	314 Jan 19 j 09:12	0°X			318 Nov 21 j 15:26	0°J		
	314 Feb 18 j 07:16	0°H		min. Earth dist.	318 Dec 04 j 14:12	13°J12'30	0.98265 AU	
	314 Mar 20 j 17:46	0°Y			318 Dec 21 j 01:08	0°Z		
	314 Apr 20 j 16:58	0°B			319 Jan 19 j 14:11	0°X		
	314 May 22 j 01:33	0°II			319 Feb 18 j 12:16	0°H		
max. Earth dist.	314 Jun 04 j 21:35	13°II10'48	1.01741 AU		319 Mar 20 j 22:49	0°Y		
	314 Jun 22 j 13:28	0°S			319 Apr 20 j 22:04	0°B		
	314 Jul 23 j 21:40	0°Q			319 May 22 j 06:41	0°II		
	314 Aug 23 j 20:13	0°P		max. Earth dist.	319 Jun 05 j 17:37	13°II46'08	1.01741 AU	
	314 Sep 23 j 06:00	0°A			319 Jun 22 j 18:36	0°S		
	314 Oct 23 j 03:28	0°M			319 Jul 24 j 02:46	0°Q		
	314 Nov 21 j 16:12	0°J			319 Aug 24 j 01:16	0°P		
min. Earth dist.	314 Dec 06 j 03:21	14°J45'38	0.98259 AU		319 Sep 23 j 11:03	0°A		
	314 Dec 21 j 01:53	0°Z			319 Oct 23 j 08:30	0°M		
	315 Jan 19 j 14:58	0°X			319 Nov 21 j 21:15	0°J		

min. Earth dist.	319 Dec 06 j 21:18	15°♄18'37	0.98264 AU		324 Sep 22 j 16:21	0°♊	
	319 Dec 21 j 06:58	0°♊			324 Oct 22 j 13:53	0°♋	
	320 Jan 19 j 20:05	0°♋			324 Nov 21 j 02:40	0°♌	
	320 Feb 18 j 18:12	0°♌		min. Earth dist.	324 Dec 05 j 21:53	15°♄06'14	0.98265 AU
	320 Mar 20 j 04:47	0°♍			324 Dec 20 j 12:22	0°♊	
	320 Apr 20 j 04:01	0°♎			325 Jan 19 j 01:25	0°♋	
	320 May 21 j 12:36	0°♏			325 Feb 17 j 23:28	0°♌	
max. Earth dist.	320 Jun 04 j 10:34	13°♏15'23	1.01735 AU		325 Mar 20 j 09:58	0°♍	
	320 Jun 22 j 00:29	0°♐			325 Apr 20 j 09:09	0°♎	
	320 Jul 23 j 08:37	0°♑			325 May 21 j 17:42	0°♏	
	320 Aug 23 j 07:07	0°♒		max. Earth dist.	325 Jun 04 j 10:31	13°♏03'15	1.01737 AU
	320 Sep 22 j 16:52	0°♓			325 Jun 22 j 05:34	0°♐	
	320 Oct 22 j 14:19	0°♔			325 Jul 23 j 13:44	0°♑	
	320 Nov 21 j 03:03	0°♕			325 Aug 23 j 12:18	0°♒	
min. Earth dist.	320 Dec 04 j 08:34	13°♄29'44	0.98262 AU		325 Sep 22 j 22:10	0°♓	
	320 Dec 20 j 12:47	0°♊			325 Oct 22 j 19:44	0°♔	
	321 Jan 19 j 01:54	0°♋			325 Nov 21 j 08:31	0°♕	
	321 Feb 18 j 00:01	0°♌		min. Earth dist.	325 Dec 05 j 18:32	14°♄42'38	0.98260 AU
	321 Mar 20 j 10:32	0°♍			325 Dec 20 j 18:13	0°♊	
	321 Apr 20 j 09:42	0°♎			326 Jan 19 j 07:14	0°♋	
	321 May 21 j 18:14	0°♏			326 Feb 18 j 05:14	0°♌	
max. Earth dist.	321 Jun 06 j 19:42	15°♏17'38	1.01738 AU		326 Mar 20 j 15:40	0°♍	
	321 Jun 22 j 06:08	0°♐			326 Apr 20 j 14:47	0°♎	
	321 Jul 23 j 14:20	0°♑			326 May 21 j 23:19	0°♏	
	321 Aug 23 j 12:55	0°♒		max. Earth dist.	326 Jun 07 j 04:41	15°♏26'56	1.01738 AU
	321 Sep 22 j 22:45	0°♓			326 Jun 22 j 11:14	0°♐	
	321 Oct 22 j 20:15	0°♔			326 Jul 23 j 19:30	0°♑	
	321 Nov 21 j 08:59	0°♕			326 Aug 23 j 18:07	0°♒	
min. Earth dist.	321 Dec 04 j 22:42	13°♄50'46	0.98266 AU		326 Sep 23 j 04:00	0°♓	
	321 Dec 20 j 18:42	0°♊			326 Oct 23 j 01:33	0°♔	
	322 Jan 19 j 07:47	0°♋			326 Nov 21 j 14:19	0°♕	
	322 Feb 18 j 05:53	0°♌		min. Earth dist.	326 Dec 04 j 11:49	13°♄09'13	0.98264 AU
	322 Mar 20 j 16:25	0°♍			326 Dec 21 j 00:02	0°♊	
	322 Apr 20 j 15:36	0°♎			327 Jan 19 j 13:04	0°♋	
	322 May 22 j 00:09	0°♏			327 Feb 18 j 11:05	0°♌	
max. Earth dist.	322 Jun 05 j 03:23	13°♏27'57	1.01741 AU		327 Mar 20 j 21:33	0°♍	
	322 Jun 22 j 12:04	0°♐			327 Apr 20 j 20:41	0°♎	
	322 Jul 23 j 20:17	0°♑			327 May 22 j 05:15	0°♏	
	322 Aug 23 j 18:53	0°♒		max. Earth dist.	327 Jun 06 j 06:04	14°♏19'10	1.01742 AU
	322 Sep 23 j 04:43	0°♓			327 Jun 22 j 17:10	0°♐	
	322 Oct 23 j 02:10	0°♔			327 Jul 24 j 01:25	0°♑	
	322 Nov 21 j 14:52	0°♕			327 Aug 24 j 00:02	0°♒	
min. Earth dist.	322 Dec 06 j 07:52	15°♄00'41	0.98257 AU		327 Sep 23 j 09:53	0°♓	
	322 Dec 21 j 00:31	0°♊			327 Oct 23 j 07:23	0°♔	
	323 Jan 19 j 13:34	0°♋			327 Nov 21 j 20:08	0°♕	
	323 Feb 18 j 11:39	0°♌		min. Earth dist.	327 Dec 06 j 21:45	15°♄22'39	0.98264 AU
	323 Mar 20 j 22:11	0°♍			327 Dec 21 j 05:50	0°♊	
	323 Apr 20 j 21:24	0°♎			328 Jan 19 j 18:55	0°♋	
	323 May 22 j 05:59	0°♏			328 Feb 18 j 17:00	0°♌	
max. Earth dist.	323 Jun 06 j 11:40	14°♏30'40	1.01737 AU		328 Mar 20 j 03:31	0°♍	
	323 Jun 22 j 17:54	0°♐			328 Apr 20 j 02:39	0°♎	
	323 Jul 24 j 02:07	0°♑			328 May 21 j 11:10	0°♏	
	323 Aug 24 j 00:42	0°♒		max. Earth dist.	328 Jun 04 j 08:34	13°♏14'07	1.01734 AU
	323 Sep 23 j 10:33	0°♓			328 Jun 21 j 23:02	0°♐	
	323 Oct 23 j 08:02	0°♔			328 Jul 23 j 07:12	0°♑	
	323 Nov 21 j 20:44	0°♕			328 Aug 23 j 05:47	0°♒	
min. Earth dist.	323 Dec 04 j 18:37	13°♄10'16	0.98257 AU		328 Sep 22 j 15:39	0°♓	
	323 Dec 21 j 06:22	0°♊			328 Oct 22 j 13:10	0°♔	
	324 Jan 19 j 19:24	0°♋			328 Nov 21 j 01:56	0°♕	
	324 Feb 18 j 17:28	0°♌		min. Earth dist.	328 Dec 04 j 18:06	13°♄56'59	0.98260 AU
	324 Mar 20 j 04:01	0°♍			328 Dec 20 j 11:38	0°♊	
	324 Apr 20 j 03:14	0°♎			329 Jan 19 j 00:42	0°♋	
	324 May 21 j 11:48	0°♏			329 Feb 17 j 22:45	0°♌	
max. Earth dist.	324 Jun 06 j 00:03	14°♏46'14	1.01740 AU		329 Mar 20 j 09:13	0°♍	
	324 Jun 21 j 23:42	0°♐			329 Apr 20 j 08:18	0°♎	
	324 Jul 23 j 07:53	0°♑			329 May 21 j 16:46	0°♏	
	324 Aug 23 j 06:29	0°♒		max. Earth dist.	329 Jun 07 j 01:09	15°♏34'09	1.01735 AU

	329 Jun 22 j 04:37	0°☾			334 Apr 20 j 13:04	0°♄		
	329 Jul 23 j 12:49	0°♌			334 May 21 j 21:34	0°♊		
	329 Aug 23 j 11:27	0°♍		max. Earth dist.	334 Jun 06 j 23:02	15°♊17'43	1.01737 AU	
	329 Sep 22 j 21:23	0°♋			334 Jun 22 j 09:28	0°☾		
	329 Oct 22 j 18:59	0°♎			334 Jul 23 j 17:45	0°♌		
	329 Nov 21 j 07:48	0°♈			334 Aug 23 j 16:26	0°♍		
min. Earth dist.	329 Dec 04 j 18:31	13°♈43'04	0.98266 AU		334 Sep 23 j 02:22	0°♋		
	329 Dec 20 j 17:30	0°♄			334 Oct 22 j 23:56	0°♎		
	330 Jan 19 j 06:32	0°♊			334 Nov 21 j 12:41	0°♈		
	330 Feb 18 j 04:32	0°♋		min. Earth dist.	334 Dec 04 j 11:41	13°♈13'07	0.98260 AU	
	330 Mar 20 j 14:59	0°♌			334 Dec 20 j 22:20	0°♄		
	330 Apr 20 j 14:07	0°♍			335 Jan 19 j 11:19	0°♊		
	330 May 21 j 22:37	0°♎			335 Feb 18 j 09:18	0°♋		
max. Earth dist.	330 Jun 05 j 09:53	13°♎47'05	1.01739 AU		335 Mar 20 j 19:45	0°♌		
	330 Jun 22 j 10:30	0°☾			335 Apr 20 j 18:53	0°♍		
	330 Jul 23 j 18:42	0°♌			335 May 22 j 03:26	0°♎		
	330 Aug 23 j 17:20	0°♍		max. Earth dist.	335 Jun 06 j 14:21	14°♎43'08	1.01742 AU	
	330 Sep 23 j 03:13	0°♋			335 Jun 22 j 15:21	0°☾		
	330 Oct 23 j 00:46	0°♎			335 Jul 23 j 23:37	0°♌		
	330 Nov 21 j 13:33	0°♈			335 Aug 23 j 22:18	0°♍		
min. Earth dist.	330 Dec 06 j 16:41	15°♈26'29	0.98261 AU		335 Sep 23 j 08:14	0°♋		
	330 Dec 20 j 23:14	0°♄			335 Oct 23 j 05:48	0°♎		
	331 Jan 19 j 12:16	0°♊			335 Nov 21 j 18:33	0°♈		
	331 Feb 18 j 10:16	0°♋		min. Earth dist.	335 Dec 06 j 21:32	15°♈26'06	0.98262 AU	
	331 Mar 20 j 20:43	0°♌			335 Dec 21 j 04:13	0°♄		
	331 Apr 20 j 19:52	0°♍			336 Jan 19 j 17:13	0°♊		
	331 May 22 j 04:24	0°♎			336 Feb 18 j 15:13	0°♋		
max. Earth dist.	331 Jun 05 j 19:41	13°♎56'31	1.01736 AU		336 Mar 20 j 01:41	0°♌		
	331 Jun 22 j 16:17	0°☾			336 Apr 20 j 00:49	0°♍		
	331 Jul 24 j 00:29	0°♌			336 May 21 j 09:21	0°♎		
	331 Aug 23 j 23:05	0°♍		max. Earth dist.	336 Jun 04 j 04:33	13°♎08'52	1.01737 AU	
	331 Sep 23 j 08:57	0°♋			336 Jun 21 j 21:14	0°☾		
	331 Oct 23 j 06:29	0°♎			336 Jul 23 j 05:27	0°♌		
	331 Nov 21 j 19:15	0°♈			336 Aug 23 j 04:05	0°♍		
min. Earth dist.	331 Dec 05 j 00:42	13°♈29'31	0.98261 AU		336 Sep 22 j 14:02	0°♋		
	331 Dec 21 j 04:58	0°♄			336 Oct 22 j 11:38	0°♎		
	332 Jan 19 j 18:01	0°♊			336 Nov 21 j 00:26	0°♈		
	332 Feb 18 j 16:02	0°♋		min. Earth dist.	336 Dec 05 j 05:32	14°♈30'00	0.98260 AU	
	332 Mar 20 j 02:30	0°♌			336 Dec 20 j 10:08	0°♄		
	332 Apr 20 j 01:37	0°♍			337 Jan 18 j 23:08	0°♊		
	332 May 21 j 10:08	0°♎			337 Feb 17 j 21:05	0°♋		
max. Earth dist.	332 Jun 06 j 07:39	15°♎08'18	1.01738 AU		337 Mar 20 j 07:26	0°♌		
	332 Jun 21 j 22:01	0°☾			337 Apr 20 j 06:29	0°♍		
	332 Jul 23 j 06:13	0°♌			337 May 21 j 14:57	0°♎		
	332 Aug 23 j 04:48	0°♍		max. Earth dist.	337 Jun 07 j 02:57	15°♎42'44	1.01736 AU	
	332 Sep 22 j 14:41	0°♋			337 Jun 22 j 02:50	0°☾		
	332 Oct 22 j 12:14	0°♎			337 Jul 23 j 11:05	0°♌		
	332 Nov 21 j 01:02	0°♈			337 Aug 23 j 09:47	0°♍		
min. Earth dist.	332 Dec 05 j 07:56	14°♈34'41	0.98268 AU		337 Sep 22 j 19:46	0°♋		
	332 Dec 20 j 10:46	0°♄			337 Oct 22 j 17:26	0°♎		
	333 Jan 18 j 23:51	0°♊			337 Nov 21 j 06:18	0°♈		
	333 Feb 17 j 21:54	0°♋		min. Earth dist.	337 Dec 04 j 14:20	13°♈36'05	0.98267 AU	
	333 Mar 20 j 08:21	0°♌			337 Dec 20 j 16:02	0°♄		
	333 Apr 20 j 07:28	0°♍			338 Jan 19 j 05:02	0°♊		
	333 May 21 j 15:58	0°♎			338 Feb 18 j 02:58	0°♋		
max. Earth dist.	333 Jun 04 j 16:20	13°♎21'14	1.01737 AU		338 Mar 20 j 13:19	0°♌		
	333 Jun 22 j 03:50	0°☾			338 Apr 20 j 12:21	0°♍		
	333 Jul 23 j 12:02	0°♌			338 May 21 j 20:50	0°♎		
	333 Aug 23 j 10:38	0°♍		max. Earth dist.	338 Jun 05 j 20:22	14°♎16'10	1.01741 AU	
	333 Sep 22 j 20:32	0°♋			338 Jun 22 j 08:45	0°☾		
	333 Oct 22 j 18:05	0°♎			338 Jul 23 j 17:03	0°♌		
	333 Nov 21 j 06:52	0°♈			338 Aug 23 j 15:45	0°♍		
min. Earth dist.	333 Dec 05 j 23:24	14°♈59'23	0.98259 AU		338 Sep 23 j 01:43	0°♋		
	333 Dec 20 j 16:33	0°♄			338 Oct 22 j 23:19	0°♎		
	334 Jan 19 j 05:34	0°♊			338 Nov 21 j 12:08	0°♈		
	334 Feb 18 j 03:34	0°♋		min. Earth dist.	338 Dec 06 j 20:33	15°♈39'56	0.98263 AU	
	334 Mar 20 j 13:59	0°♌			338 Dec 20 j 21:51	0°♄		

	339 Jan 19 j 10:53	0°≈			343 Nov 21 j 17:22	0°♊	
	339 Feb 18 j 08:51	0°♋		min. Earth dist.	343 Dec 06 j 15:00	15°♊12'21	0.98267 AU
	339 Mar 20 j 19:14	0°♌			343 Dec 21 j 03:05	0°♋	
	339 Apr 20 j 18:17	0°♍			344 Jan 19 j 16:07	0°≈	
	339 May 22 j 02:45	0°♎			344 Feb 18 j 14:05	0°♋	
max. Earth dist.	339 Jun 05 j 13:51	13°♎46'38	1.01735 AU		344 Mar 20 j 00:30	0°♌	
	339 Jun 22 j 14:39	0°♏			344 Apr 19 j 23:35	0°♍	
	339 Jul 23 j 22:54	0°♐		max. Earth dist.	344 May 21 j 08:05	0°♎	
	339 Aug 23 j 21:36	0°♑			344 Jun 04 j 05:58	13°♎15'15	1.01738 AU
	339 Sep 23 j 07:33	0°♒			344 Jun 21 j 19:59	0°♏	
	339 Oct 23 j 05:09	0°♓			344 Jul 23 j 04:14	0°♐	
	339 Nov 21 j 17:57	0°♑			344 Aug 23 j 02:53	0°♑	
min. Earth dist.	339 Dec 05 j 07:11	13°♑49'27	0.98261 AU		344 Sep 22 j 12:49	0°♒	
	339 Dec 21 j 03:39	0°♋			344 Oct 22 j 10:25	0°♓	
	340 Jan 19 j 16:42	0°≈			344 Nov 20 j 23:14	0°♑	
	340 Feb 18 j 14:42	0°♋		min. Earth dist.	344 Dec 05 j 12:10	14°♑50'03	0.98261 AU
	340 Mar 20 j 01:07	0°♌			344 Dec 20 j 08:57	0°♋	
	340 Apr 20 j 00:09	0°♍			345 Jan 18 j 21:58	0°≈	
	340 May 21 j 08:36	0°♎			345 Feb 17 j 19:54	0°♋	
max. Earth dist.	340 Jun 06 j 16:14	15°♎32'26	1.01735 AU		345 Mar 20 j 06:14	0°♌	
	340 Jun 21 j 20:26	0°♏			345 Apr 20 j 05:14	0°♍	
	340 Jul 23 j 04:40	0°♐		max. Earth dist.	345 May 21 j 13:39	0°♎	
	340 Aug 23 j 03:21	0°♑			345 Jun 07 j 02:04	15°♎43'46	1.01735 AU
	340 Sep 22 j 13:20	0°♒			345 Jun 22 j 01:32	0°♏	
	340 Oct 22 j 10:58	0°♓			345 Jul 23 j 09:49	0°♐	
	340 Nov 20 j 23:49	0°♑			345 Aug 23 j 08:33	0°♑	
min. Earth dist.	340 Dec 04 j 21:20	14°♑10'38	0.98268 AU		345 Sep 22 j 18:34	0°♒	
	340 Dec 20 j 09:33	0°♋			345 Oct 22 j 16:13	0°♓	
	341 Jan 18 j 22:36	0°≈			345 Nov 21 j 05:02	0°♑	
	341 Feb 17 j 20:36	0°♋		min. Earth dist.	345 Dec 04 j 07:59	13°♑23'07	0.98263 AU
	341 Mar 20 j 07:02	0°♌			345 Dec 20 j 14:44	0°♋	
	341 Apr 20 j 06:06	0°♍			346 Jan 19 j 03:43	0°≈	
	341 May 21 j 14:33	0°♎			346 Feb 18 j 01:38	0°♋	
max. Earth dist.	341 Jun 04 j 22:37	13°♎39'34	1.01735 AU		346 Mar 20 j 11:58	0°♌	
	341 Jun 22 j 02:23	0°♏			346 Apr 20 j 10:59	0°♍	
	341 Jul 23 j 10:35	0°♐			346 May 21 j 19:27	0°♎	
	341 Aug 23 j 09:15	0°♑		max. Earth dist.	346 Jun 06 j 05:31	14°♎41'13	1.01742 AU
	341 Sep 22 j 19:14	0°♒			346 Jun 22 j 07:22	0°♏	
	341 Oct 22 j 16:54	0°♓			346 Jul 23 j 15:42	0°♐	
	341 Nov 21 j 05:45	0°♑			346 Aug 23 j 14:29	0°♑	
min. Earth dist.	341 Dec 06 j 08:56	15°♑26'35	0.98261 AU		346 Sep 23 j 00:30	0°♒	
	341 Dec 20 j 15:27	0°♋			346 Oct 22 j 22:08	0°♓	
	342 Jan 19 j 04:26	0°≈			346 Nov 21 j 10:55	0°♑	
	342 Feb 18 j 02:22	0°♋		min. Earth dist.	346 Dec 06 j 21:51	15°♑46'26	0.98260 AU
	342 Mar 20 j 12:44	0°♌			346 Dec 20 j 20:34	0°♋	
	342 Apr 20 j 11:48	0°♍			347 Jan 19 j 09:31	0°≈	
	342 May 21 j 20:16	0°♎			347 Feb 18 j 07:26	0°♋	
max. Earth dist.	342 Jun 06 j 09:59	14°♎49'50	1.01735 AU		347 Mar 20 j 17:47	0°♌	
	342 Jun 22 j 08:09	0°♏			347 Apr 20 j 16:50	0°♍	
	342 Jul 23 j 16:24	0°♐			347 May 22 j 01:19	0°♎	
	342 Aug 23 j 15:05	0°♑		max. Earth dist.	347 Jun 05 j 06:05	13°♎31'37	1.01737 AU
	342 Sep 23 j 01:05	0°♒			347 Jun 22 j 13:13	0°♏	
	342 Oct 22 j 22:43	0°♓			347 Jul 23 j 21:30	0°♐	
	342 Nov 21 j 11:33	0°♑			347 Aug 23 j 20:15	0°♑	
min. Earth dist.	342 Dec 04 j 17:40	13°♑31'11	0.98261 AU		347 Sep 23 j 06:16	0°♒	
	342 Dec 20 j 21:15	0°♋			347 Oct 23 j 03:55	0°♓	
	343 Jan 19 j 10:14	0°≈			347 Nov 21 j 16:44	0°♑	
	343 Feb 18 j 08:10	0°♋		min. Earth dist.	347 Dec 05 j 17:30	14°♑18'58	0.98257 AU
	343 Mar 20 j 18:32	0°♌			347 Dec 21 j 02:23	0°♋	
	343 Apr 20 j 17:37	0°♍			348 Jan 19 j 15:19	0°≈	
	343 May 22 j 02:09	0°♎			348 Feb 18 j 13:13	0°♋	
max. Earth dist.	343 Jun 06 j 21:23	15°♎02'54	1.01741 AU		348 Mar 19 j 23:33	0°♌	
	343 Jun 22 j 14:04	0°♏			348 Apr 19 j 22:34	0°♍	
	343 Jul 23 j 22:20	0°♐			348 May 21 j 07:00	0°♎	
	343 Aug 23 j 21:00	0°♑		max. Earth dist.	348 Jun 06 j 20:26	15°♎46'13	1.01736 AU
	343 Sep 23 j 06:57	0°♒			348 Jun 21 j 18:51	0°♏	
	343 Oct 23 j 04:33	0°♓			348 Jul 23 j 03:07	0°♐	

	348 Aug 23 j 01:52	0°♎		max. Earth dist.	353 Jun 06 j 20:10	15°♊34'01	1.01730 AU
	348 Sep 22 j 11:55	0°♏			353 Jun 21 j 23:43	0°♏	
	348 Oct 22 j 09:38	0°♎			353 Jul 23 j 07:59	0°♏	
	348 Nov 20 j 22:31	0°♎			353 Aug 23 j 06:45	0°♎	
min. Earth dist.	348 Dec 04 j 15:57	14°♎00'08	0.98267 AU		353 Sep 22 j 16:51	0°♏	
	348 Dec 20 j 08:14	0°♏			353 Oct 22 j 14:37	0°♎	
	349 Jan 18 j 21:13	0°♎			353 Nov 21 j 03:32	0°♎	
	349 Feb 17 j 19:06	0°♎		min. Earth dist.	353 Dec 04 j 11:43	13°♎36'26	0.98266 AU
	349 Mar 20 j 05:24	0°♎			353 Dec 20 j 13:16	0°♏	
	349 Apr 20 j 04:23	0°♏			354 Jan 19 j 02:14	0°♎	
	349 May 21 j 12:49	0°♊			354 Feb 18 j 00:06	0°♎	
max. Earth dist.	349 Jun 05 j 07:23	14°♊04'29	1.01738 AU		354 Mar 20 j 10:22	0°♎	
	349 Jun 22 j 00:42	0°♏			354 Apr 20 j 09:20	0°♏	
	349 Jul 23 j 08:58	0°♏			354 May 21 j 17:45	0°♊	
	349 Aug 23 j 07:42	0°♎		max. Earth dist.	354 Jun 06 j 13:21	15°♊03'55	1.01738 AU
	349 Sep 22 j 17:46	0°♏			354 Jun 22 j 05:37	0°♏	
	349 Oct 22 j 15:29	0°♎			354 Jul 23 j 13:55	0°♏	
	349 Nov 21 j 04:23	0°♎			354 Aug 23 j 12:41	0°♎	
min. Earth dist.	349 Dec 06 j 16:50	15°♎50'12	0.98263 AU		354 Sep 22 j 22:46	0°♏	
	349 Dec 20 j 14:06	0°♏			354 Oct 22 j 20:28	0°♎	
	350 Jan 19 j 03:03	0°♎			354 Nov 21 j 09:21	0°♎	
	350 Feb 18 j 00:54	0°♎		min. Earth dist.	354 Dec 06 j 21:34	15°♎49'35	0.98266 AU
	350 Mar 20 j 11:08	0°♎			354 Dec 20 j 19:04	0°♏	
	350 Apr 20 j 10:04	0°♏			355 Jan 19 j 08:02	0°♎	
	350 May 21 j 18:29	0°♊			355 Feb 18 j 05:55	0°♎	
max. Earth dist.	350 Jun 06 j 02:10	14°♊35'34	1.01736 AU		355 Mar 20 j 16:13	0°♎	
	350 Jun 22 j 06:22	0°♏			355 Apr 20 j 15:13	0°♏	
	350 Jul 23 j 14:42	0°♏			355 May 21 j 23:40	0°♊	
	350 Aug 23 j 13:29	0°♎		max. Earth dist.	355 Jun 05 j 01:18	13°♊24'13	1.01736 AU
	350 Sep 22 j 23:32	0°♏			355 Jun 22 j 11:34	0°♏	
	350 Oct 22 j 21:14	0°♎			355 Jul 23 j 19:50	0°♏	
	350 Nov 21 j 10:06	0°♎			355 Aug 23 j 18:34	0°♎	
min. Earth dist.	350 Dec 04 j 23:34	13°♎49'57	0.98262 AU		355 Sep 23 j 04:36	0°♏	
	350 Dec 20 j 19:49	0°♏			355 Oct 23 j 02:17	0°♎	
	351 Jan 19 j 08:48	0°♎			355 Nov 21 j 15:09	0°♎	
	351 Feb 18 j 06:41	0°♎		min. Earth dist.	355 Dec 06 j 00:26	14°♎40'41	0.98261 AU
	351 Mar 20 j 16:57	0°♎			355 Dec 21 j 00:52	0°♏	
	351 Apr 20 j 15:54	0°♏			356 Jan 19 j 13:51	0°♎	
	351 May 22 j 00:19	0°♊			356 Feb 18 j 11:45	0°♎	
max. Earth dist.	351 Jun 07 j 08:29	15°♊33'40	1.01739 AU		356 Mar 19 j 22:03	0°♎	
	351 Jun 22 j 12:12	0°♏			356 Apr 19 j 21:01	0°♏	
	351 Jul 23 j 20:31	0°♏			356 May 21 j 05:24	0°♊	
	351 Aug 23 j 19:17	0°♎		max. Earth dist.	356 Jun 06 j 21:51	15°♊53'22	1.01735 AU
	351 Sep 23 j 05:20	0°♏			356 Jun 21 j 17:16	0°♏	
	351 Oct 23 j 03:01	0°♎			356 Jul 23 j 01:32	0°♏	
	351 Nov 21 j 15:52	0°♎			356 Aug 23 j 00:17	0°♎	
min. Earth dist.	351 Dec 06 j 06:04	14°♎53'17	0.98268 AU		356 Sep 22 j 10:20	0°♏	
	351 Dec 21 j 01:36	0°♏			356 Oct 22 j 08:02	0°♎	
	352 Jan 19 j 14:36	0°♎			356 Nov 20 j 20:55	0°♎	
	352 Feb 18 j 12:33	0°♎		min. Earth dist.	356 Dec 04 j 04:06	13°♎33'54	0.98268 AU
	352 Mar 19 j 22:53	0°♎			356 Dec 20 j 06:40	0°♏	
	352 Apr 19 j 21:53	0°♏			357 Jan 18 j 19:41	0°♎	
	352 May 21 j 06:17	0°♊			357 Feb 17 j 17:36	0°♎	
max. Earth dist.	352 Jun 04 j 12:38	13°♊35'29	1.01735 AU		357 Mar 20 j 03:53	0°♎	
	352 Jun 21 j 18:08	0°♏			357 Apr 20 j 02:51	0°♏	
	352 Jul 23 j 02:23	0°♏			357 May 21 j 11:16	0°♊	
	352 Aug 23 j 01:07	0°♎		max. Earth dist.	357 Jun 05 j 15:26	14°♊27'17	1.01739 AU
	352 Sep 22 j 11:10	0°♏			357 Jun 21 j 23:09	0°♏	
	352 Oct 22 j 08:52	0°♎			357 Jul 23 j 07:28	0°♏	
	352 Nov 20 j 21:45	0°♎			357 Aug 23 j 06:15	0°♎	
min. Earth dist.	352 Dec 05 j 22:01	15°♎19'03	0.98263 AU		357 Sep 22 j 16:19	0°♏	
	352 Dec 20 j 07:28	0°♏			357 Oct 22 j 14:02	0°♎	
	353 Jan 18 j 20:28	0°♎			357 Nov 21 j 02:53	0°♎	
	353 Feb 17 j 18:22	0°♎		min. Earth dist.	357 Dec 06 j 17:34	15°♎55'59	0.98261 AU
	353 Mar 20 j 04:38	0°♎			357 Dec 20 j 12:34	0°♏	
	353 Apr 20 j 03:34	0°♏			358 Jan 19 j 01:30	0°♎	
	353 May 21 j 11:55	0°♊			358 Feb 17 j 23:22	0°♎	

	358 Mar 20 j 09:38	0°Υ			362 Dec 20 j 17:58	0°Ξ		
	358 Apr 20 j 08:35	0°Ϡ			363 Jan 19 j 06:55	0°≈		
	358 May 21 j 17:01	0°Π			363 Feb 18 j 04:44	0°Ϡ		
max. Earth dist.	358 Jun 05 j 11:45	14°Π04'51	1.01737 AU		363 Mar 20 j 14:57	0°Υ		
	358 Jun 22 j 04:55	0°Ϣ			363 Apr 20 j 13:50	0°Ϡ		
	358 Jul 23 j 13:16	0°Ω			363 May 21 j 22:13	0°Π		
	358 Aug 23 j 12:06	0°ϣ		max. Earth dist.	363 Jun 05 j 07:25	13°Π42'18	1.01736 AU	
	358 Sep 22 j 22:13	0°ϡ			363 Jun 22 j 10:06	0°Ϣ		
	358 Oct 22 j 19:55	0°ϣ			363 Jul 23 j 18:26	0°Ω		
	358 Nov 21 j 08:45	0°ϣ			363 Aug 23 j 17:17	0°ϣ		
min. Earth dist.	358 Dec 05 j 06:02	14°ϣ09'58	0.98257 AU		363 Sep 23 j 03:25	0°ϡ		
	358 Dec 20 j 18:24	0°Ξ			363 Oct 23 j 01:11	0°ϣ		
	359 Jan 19 j 07:19	0°≈			363 Nov 21 j 14:05	0°ϣ		
	359 Feb 18 j 05:09	0°Ϡ		min. Earth dist.	363 Dec 06 j 10:06	15°ϣ08'06	0.98262 AU	
	359 Mar 20 j 15:25	0°Υ			363 Dec 20 j 23:48	0°Ξ		
	359 Apr 20 j 14:24	0°Ϡ			364 Jan 19 j 12:45	0°≈		
	359 May 21 j 22:51	0°Π			364 Feb 18 j 10:37	0°Ϡ		
max. Earth dist.	359 Jun 07 j 12:55	15°Π47'39	1.01741 AU		364 Mar 19 j 20:50	0°Υ		
	359 Jun 22 j 10:46	0°Ϣ			364 Apr 19 j 19:42	0°Ϡ		
	359 Jul 23 j 19:07	0°Ω			364 May 21 j 04:00	0°Π		
	359 Aug 23 j 17:57	0°ϣ		max. Earth dist.	364 Jun 06 j 23:59	16°Π01'54	1.01730 AU	
	359 Sep 23 j 04:04	0°ϡ			364 Jun 21 j 15:47	0°Ϣ		
	359 Oct 23 j 01:48	0°ϣ			364 Jul 23 j 00:05	0°Ω		
	359 Nov 21 j 14:39	0°ϣ			364 Aug 22 j 22:54	0°ϣ		
min. Earth dist.	359 Dec 05 j 22:09	14°ϣ36'10	0.98263 AU		364 Sep 22 j 09:04	0°ϡ		
	359 Dec 21 j 00:19	0°Ξ			364 Oct 22 j 06:53	0°ϣ		
	360 Jan 19 j 13:14	0°≈			364 Nov 20 j 19:50	0°ϣ		
	360 Feb 18 j 11:04	0°Ϡ		min. Earth dist.	364 Dec 04 j 05:25	13°ϣ40'00	0.98268 AU	
	360 Mar 19 j 21:21	0°Υ			364 Dec 20 j 05:34	0°Ξ		
	360 Apr 19 j 20:21	0°Ϡ			365 Jan 18 j 18:33	0°≈		
	360 May 21 j 04:48	0°Π			365 Feb 17 j 16:24	0°Ϡ		
max. Earth dist.	360 Jun 04 j 17:50	13°Π51'20	1.01740 AU		365 Mar 20 j 02:37	0°Υ		
	360 Jun 21 j 16:42	0°Ϣ			365 Apr 20 j 01:30	0°Ϡ		
	360 Jul 23 j 01:02	0°Ω			365 May 21 j 09:50	0°Π		
	360 Aug 22 j 23:50	0°ϣ		max. Earth dist.	365 Jun 06 j 00:42	14°Π52'46	1.01735 AU	
	360 Sep 22 j 09:57	0°ϡ			365 Jun 21 j 21:39	0°Ϣ		
	360 Oct 22 j 07:42	0°ϣ			365 Jul 23 j 05:57	0°Ω		
	360 Nov 20 j 20:37	0°ϣ			365 Aug 23 j 04:47	0°ϣ		
min. Earth dist.	360 Dec 06 j 08:01	15°ϣ47'29	0.98261 AU		365 Sep 22 j 14:57	0°ϡ		
	360 Dec 20 j 06:20	0°Ξ			365 Oct 22 j 12:46	0°ϣ		
	361 Jan 18 j 19:15	0°≈			365 Nov 21 j 01:43	0°ϣ		
	361 Feb 17 j 17:02	0°Ϡ		min. Earth dist.	365 Dec 06 j 23:36	16°ϣ14'16	0.98265 AU	
	361 Mar 20 j 03:12	0°Υ			365 Dec 20 j 11:26	0°Ξ		
	361 Apr 20 j 02:04	0°Ϡ			366 Jan 19 j 00:21	0°≈		
	361 May 21 j 10:26	0°Π			366 Feb 17 j 22:08	0°Ϡ		
max. Earth dist.	361 Jun 06 j 12:45	15°Π19'52	1.01734 AU		366 Mar 20 j 08:20	0°Υ		
	361 Jun 21 j 22:18	0°Ϣ			366 Apr 20 j 07:13	0°Ϡ		
	361 Jul 23 j 06:39	0°Ω			366 May 21 j 15:36	0°Π		
	361 Aug 23 j 05:30	0°ϣ		max. Earth dist.	366 Jun 05 j 02:50	13°Π47'06	1.01734 AU	
	361 Sep 22 j 15:40	0°ϡ			366 Jun 22 j 03:27	0°Ϣ		
	361 Oct 22 j 13:29	0°ϣ			366 Jul 23 j 11:46	0°Ω		
	361 Nov 21 j 02:27	0°ϣ			366 Aug 23 j 10:36	0°ϣ		
min. Earth dist.	361 Dec 04 j 16:56	13°ϣ52'28	0.98265 AU		366 Sep 22 j 20:45	0°ϡ		
	361 Dec 20 j 12:11	0°Ξ			366 Oct 22 j 18:33	0°ϣ		
	362 Jan 19 j 01:07	0°≈			366 Nov 21 j 07:28	0°ϣ		
	362 Feb 17 j 22:53	0°Ϡ		min. Earth dist.	366 Dec 05 j 15:17	14°ϣ36'48	0.98261 AU	
	362 Mar 20 j 09:02	0°Υ			366 Dec 20 j 17:11	0°Ξ		
	362 Apr 20 j 07:53	0°Ϡ			367 Jan 19 j 06:06	0°≈		
	362 May 21 j 16:15	0°Π			367 Feb 18 j 03:54	0°Ϡ		
max. Earth dist.	362 Jun 07 j 01:54	15°Π37'16	1.01740 AU		367 Mar 20 j 14:05	0°Υ		
	362 Jun 22 j 04:09	0°Ϣ			367 Apr 20 j 12:59	0°Ϡ		
	362 Jul 23 j 12:33	0°Ω			367 May 21 j 21:22	0°Π		
	362 Aug 23 j 11:26	0°ϣ		max. Earth dist.	367 Jun 07 j 16:48	16°Π00'28	1.01738 AU	
	362 Sep 22 j 21:35	0°ϡ			367 Jun 22 j 09:15	0°Ϣ		
	362 Oct 22 j 19:21	0°ϣ			367 Jul 23 j 17:34	0°Ω		
	362 Nov 21 j 08:15	0°ϣ			367 Aug 23 j 16:23	0°ϣ		
min. Earth dist.	362 Dec 06 j 16:49	15°ϣ40'12	0.98267 AU		367 Sep 23 j 02:30	0°ϡ		

	367 Oct 23 j 00:15	0°♄			372 Jul 22 j 22:21	0°♄	
	367 Nov 21 j 13:10	0°♂			372 Aug 22 j 21:14	0°♄	
min. Earth dist.	367 Dec 05 j 08:47	14°♂05'39	0.98268 AU		372 Sep 22 j 07:27	0°♄	
	367 Dec 20 j 22:54	0°♂			372 Oct 22 j 05:19	0°♄	
	368 Jan 19 j 11:52	0°♂			372 Nov 20 j 18:18	0°♂	
	368 Feb 18 j 09:42	0°♂		min. Earth dist.	372 Dec 04 j 08:44	13°♂52'19	0.98266 AU
	368 Mar 19 j 19:56	0°♂			372 Dec 20 j 04:03	0°♂	
	368 Apr 19 j 18:51	0°♂			373 Jan 18 j 16:57	0°♂	
	368 May 21 j 03:15	0°♄			373 Feb 17 j 14:42	0°♂	
max. Earth dist.	368 Jun 05 j 01:46	14°♄13'54	1.01739 AU		373 Mar 20 j 00:48	0°♂	
	368 Jun 21 j 15:08	0°♄			373 Apr 19 j 23:37	0°♂	
	368 Jul 22 j 23:28	0°♄			373 May 21 j 07:58	0°♄	
	368 Aug 22 j 22:16	0°♄		max. Earth dist.	373 Jun 06 j 11:02	15°♄21'42	1.01738 AU
	368 Sep 22 j 08:23	0°♄			373 Jun 21 j 19:50	0°♄	
	368 Oct 22 j 06:08	0°♄			373 Jul 23 j 04:13	0°♄	
	368 Nov 20 j 19:03	0°♂			373 Aug 23 j 03:07	0°♄	
min. Earth dist.	368 Dec 06 j 10:28	15°♂57'43	0.98264 AU		373 Sep 22 j 13:22	0°♄	
	368 Dec 20 j 04:48	0°♂			373 Oct 22 j 11:14	0°♄	
	369 Jan 18 j 17:44	0°♂			373 Nov 21 j 00:13	0°♂	
	369 Feb 17 j 15:33	0°♂		min. Earth dist.	373 Dec 07 j 00:07	16°♂19'24	0.98266 AU
	369 Mar 20 j 01:42	0°♂			373 Dec 20 j 09:56	0°♂	
	369 Apr 20 j 00:32	0°♂			374 Jan 18 j 22:49	0°♂	
	369 May 21 j 08:51	0°♄			374 Feb 17 j 20:33	0°♂	
max. Earth dist.	369 Jun 06 j 00:52	14°♄55'28	1.01733 AU		374 Mar 20 j 06:38	0°♂	
	369 Jun 21 j 20:42	0°♄			374 Apr 20 j 05:26	0°♂	
	369 Jul 23 j 05:03	0°♄			374 May 21 j 13:46	0°♄	
	369 Aug 23 j 03:56	0°♄		max. Earth dist.	374 Jun 05 j 04:35	13°♄55'37	1.01737 AU
	369 Sep 22 j 14:07	0°♄			374 Jun 22 j 01:40	0°♄	
	369 Oct 22 j 11:55	0°♄			374 Jul 23 j 10:05	0°♄	
	369 Nov 21 j 00:50	0°♂			374 Aug 23 j 09:00	0°♄	
min. Earth dist.	369 Dec 04 j 19:05	14°♂02'09	0.98261 AU		374 Sep 22 j 19:15	0°♄	
	369 Dec 20 j 10:32	0°♂			374 Oct 22 j 17:05	0°♄	
	370 Jan 18 j 23:27	0°♂			374 Nov 21 j 06:02	0°♂	
	370 Feb 17 j 21:13	0°♂		min. Earth dist.	374 Dec 05 j 23:20	15°♂01'06	0.98261 AU
	370 Mar 20 j 07:22	0°♂			374 Dec 20 j 15:45	0°♂	
	370 Apr 20 j 06:13	0°♂			375 Jan 19 j 04:39	0°♂	
	370 May 21 j 14:34	0°♄			375 Feb 18 j 02:24	0°♂	
max. Earth dist.	370 Jun 07 j 08:41	15°♄57'23	1.01740 AU		375 Mar 20 j 12:30	0°♂	
	370 Jun 22 j 02:28	0°♄			375 Apr 20 j 11:18	0°♂	
	370 Jul 23 j 10:52	0°♄			375 May 21 j 19:37	0°♄	
	370 Aug 23 j 09:47	0°♄		max. Earth dist.	375 Jun 07 j 23:29	16°♄20'35	1.01736 AU
	370 Sep 22 j 20:00	0°♄			375 Jun 22 j 07:29	0°♄	
	370 Oct 22 j 17:47	0°♄			375 Jul 23 j 15:52	0°♄	
	370 Nov 21 j 06:40	0°♂			375 Aug 23 j 14:47	0°♄	
min. Earth dist.	370 Dec 06 j 07:53	15°♂21'28	0.98263 AU		375 Sep 23 j 01:00	0°♄	
	370 Dec 20 j 16:19	0°♂			375 Oct 22 j 22:51	0°♄	
	371 Jan 19 j 05:11	0°♂			375 Nov 21 j 11:47	0°♂	
	371 Feb 18 j 02:58	0°♂		min. Earth dist.	375 Dec 05 j 02:54	13°♂54'07	0.98267 AU
	371 Mar 20 j 13:10	0°♂			375 Dec 20 j 21:31	0°♂	
	371 Apr 20 j 12:04	0°♂			376 Jan 19 j 10:27	0°♂	
	371 May 21 j 20:28	0°♄			376 Feb 18 j 08:14	0°♂	
max. Earth dist.	371 Jun 05 j 08:24	13°♄48'45	1.01739 AU		376 Mar 19 j 18:25	0°♂	
	371 Jun 22 j 08:22	0°♄			376 Apr 19 j 17:15	0°♂	
	371 Jul 23 j 16:45	0°♄			376 May 21 j 01:35	0°♄	
	371 Aug 23 j 15:38	0°♄		max. Earth dist.	376 Jun 05 j 11:56	14°♄42'02	1.01737 AU
	371 Sep 23 j 01:51	0°♄			376 Jun 21 j 13:26	0°♄	
	371 Oct 22 j 23:39	0°♄			376 Jul 22 j 21:48	0°♄	
	371 Nov 21 j 12:34	0°♂			376 Aug 22 j 20:43	0°♄	
min. Earth dist.	371 Dec 06 j 20:53	15°♂39'36	0.98259 AU		376 Sep 22 j 06:57	0°♄	
	371 Dec 20 j 22:14	0°♂			376 Oct 22 j 04:49	0°♄	
	372 Jan 19 j 11:06	0°♂			376 Nov 20 j 17:48	0°♂	
	372 Feb 18 j 08:52	0°♂		min. Earth dist.	376 Dec 06 j 18:00	16°♂20'10	0.98264 AU
	372 Mar 19 j 19:01	0°♂			376 Dec 20 j 03:32	0°♂	
	372 Apr 19 j 17:52	0°♂			377 Jan 18 j 16:26	0°♂	
	372 May 21 j 02:11	0°♄			377 Feb 17 j 14:10	0°♂	
max. Earth dist.	372 Jun 06 j 16:39	15°♄48'46	1.01733 AU		377 Mar 20 j 00:16	0°♂	
	372 Jun 21 j 14:01	0°♄			377 Apr 19 j 23:02	0°♂	

	377 May 21 j 07:19	0°II			382 Feb 17 j 19:14	0°H		
max. Earth dist.	377 Jun 05 j 12:37	14°II30'06	1.01731 AU		382 Mar 20 j 05:20	0°Y		
	377 Jun 21 j 19:08	0°S			382 Apr 20 j 04:07	0°B		
	377 Jul 23 j 03:29	0°Q			382 May 21 j 12:26	0°II		
	377 Aug 23 j 02:24	0°P		max. Earth dist.	382 Jun 05 j 04:07	13°II57'42	1.01737 AU	
	377 Sep 22 j 12:41	0°A			382 Jun 22 j 00:20	0°S		
	377 Oct 22 j 10:36	0°M			382 Jul 23 j 08:46	0°Q		
	377 Nov 20 j 23:37	0°J			382 Aug 23 j 07:45	0°P		
min. Earth dist.	377 Dec 05 j 05:35	14°J32'02	0.98263 AU		382 Sep 22 j 18:02	0°A		
	377 Dec 20 j 09:21	0°Z			382 Oct 22 j 15:55	0°M		
	378 Jan 18 j 22:13	0°X			382 Nov 21 j 04:51	0°J		
	378 Feb 17 j 19:56	0°H		min. Earth dist.	382 Dec 06 j 08:34	15°J27'45	0.98258 AU	
	378 Mar 20 j 06:00	0°Y			382 Dec 20 j 14:31	0°Z		
	378 Apr 20 j 04:47	0°B			383 Jan 19 j 03:21	0°X		
	378 May 21 j 13:06	0°II			383 Feb 18 j 01:03	0°H		
max. Earth dist.	378 Jun 07 j 14:13	16°II14'05	1.01737 AU		383 Mar 20 j 11:08	0°Y		
	378 Jun 22 j 00:58	0°S			383 Apr 20 j 09:56	0°B		
	378 Jul 23 j 09:22	0°Q			383 May 21 j 18:15	0°II		
	378 Aug 23 j 08:18	0°P		max. Earth dist.	383 Jun 07 j 21:13	16°II18'30	1.01736 AU	
	378 Sep 22 j 18:34	0°A			383 Jun 22 j 06:06	0°S		
	378 Oct 22 j 16:26	0°M			383 Jul 23 j 14:30	0°Q		
	378 Nov 21 j 05:25	0°J			383 Aug 23 j 13:27	0°P		
min. Earth dist.	378 Dec 06 j 00:03	15°J04'31	0.98268 AU		383 Sep 22 j 23:44	0°A		
	378 Dec 20 j 15:08	0°Z			383 Oct 22 j 21:38	0°M		
	379 Jan 19 j 04:02	0°X			383 Nov 21 j 10:36	0°J		
	379 Feb 18 j 01:46	0°H		min. Earth dist.	383 Dec 05 j 03:37	13°J58'57	0.98264 AU	
	379 Mar 20 j 11:53	0°Y			383 Dec 20 j 20:19	0°Z		
	379 Apr 20 j 10:43	0°B			384 Jan 19 j 09:10	0°X		
	379 May 21 j 19:05	0°II			384 Feb 18 j 06:52	0°H		
max. Earth dist.	379 Jun 05 j 14:19	14°II06'09	1.01738 AU		384 Mar 19 j 16:57	0°Y		
	379 Jun 22 j 06:59	0°S			384 Apr 19 j 15:45	0°B		
	379 Jul 23 j 15:22	0°Q			384 May 21 j 00:06	0°II		
	379 Aug 23 j 14:16	0°P		max. Earth dist.	384 Jun 05 j 19:53	15°II04'25	1.01739 AU	
	379 Sep 23 j 00:29	0°A			384 Jun 21 j 11:59	0°S		
	379 Oct 22 j 22:20	0°M			384 Jul 22 j 20:22	0°Q		
	379 Nov 21 j 11:18	0°J			384 Aug 22 j 19:19	0°P		
min. Earth dist.	379 Dec 07 j 03:20	15°J59'16	0.98263 AU		384 Sep 22 j 05:37	0°A		
	379 Dec 20 j 21:02	0°Z			384 Oct 22 j 03:33	0°M		
	380 Jan 19 j 09:57	0°X			384 Nov 20 j 16:34	0°J		
	380 Feb 18 j 07:42	0°H		min. Earth dist.	384 Dec 06 j 23:26	16°J37'09	0.98266 AU	
	380 Mar 19 j 17:48	0°Y			384 Dec 20 j 02:18	0°Z		
	380 Apr 19 j 16:35	0°B			385 Jan 18 j 15:09	0°X		
	380 May 21 j 00:51	0°II			385 Feb 17 j 12:48	0°H		
max. Earth dist.	380 Jun 06 j 09:22	15°II34'42	1.01731 AU		385 Mar 19 j 22:48	0°Y		
	380 Jun 21 j 12:41	0°S			385 Apr 19 j 21:30	0°B		
	380 Jul 22 j 21:01	0°Q			385 May 21 j 05:45	0°II		
	380 Aug 22 j 19:56	0°P		max. Earth dist.	385 Jun 05 j 06:02	14°II18'10	1.01734 AU	
	380 Sep 22 j 06:10	0°A			385 Jun 21 j 17:36	0°S		
	380 Oct 22 j 04:02	0°M			385 Jul 23 j 02:01	0°Q		
	380 Nov 20 j 17:01	0°J			385 Aug 23 j 01:00	0°P		
min. Earth dist.	380 Dec 04 j 07:57	13°J53'35	0.98266 AU		385 Sep 22 j 11:20	0°A		
	380 Dec 20 j 02:47	0°Z			385 Oct 22 j 09:17	0°M		
	381 Jan 18 j 15:43	0°X			385 Nov 20 j 22:20	0°J		
	381 Feb 17 j 13:29	0°H		min. Earth dist.	385 Dec 05 j 13:50	14°J56'23	0.98264 AU	
	381 Mar 19 j 23:35	0°Y			385 Dec 20 j 08:05	0°Z		
	381 Apr 19 j 22:21	0°B			386 Jan 18 j 20:57	0°X		
	381 May 21 j 06:38	0°II			386 Feb 17 j 18:36	0°H		
max. Earth dist.	381 Jun 06 j 21:07	15°II48'51	1.01737 AU		386 Mar 20 j 04:34	0°Y		
	381 Jun 21 j 18:30	0°S			386 Apr 20 j 03:15	0°B		
	381 Jul 23 j 02:54	0°Q			386 May 21 j 11:29	0°II		
	381 Aug 23 j 01:51	0°P		max. Earth dist.	386 Jun 07 j 22:19	16°II37'12	1.01737 AU	
	381 Sep 22 j 12:08	0°A			386 Jun 21 j 23:21	0°S		
	381 Oct 22 j 10:01	0°M			386 Jul 23 j 07:48	0°Q		
	381 Nov 20 j 22:58	0°J			386 Aug 23 j 06:49	0°P		
min. Earth dist.	381 Dec 06 j 16:24	16°J02'52	0.98265 AU		386 Sep 22 j 17:08	0°A		
	381 Dec 20 j 08:39	0°Z			386 Oct 22 j 15:03	0°M		
	382 Jan 18 j 21:31	0°X			386 Nov 21 j 04:03	0°J		

min. Earth dist.	386 Dec 05 j 12:16	14°♄37'50	0.98268 AU		391 Sep 22 j 22:03	0°♊	
	386 Dec 20 j 13:46	0°♄			391 Oct 22 j 19:57	0°♌	
	387 Jan 19 j 02:39	0°♈			391 Nov 21 j 08:58	0°♈	
	387 Feb 18 j 00:21	0°♈		min. Earth dist.	391 Dec 05 j 01:16	13°♄57'06	0.98266 AU
	387 Mar 20 j 10:24	0°♈			391 Dec 20 j 18:42	0°♄	
	387 Apr 20 j 09:08	0°♄			392 Jan 19 j 07:35	0°♈	
	387 May 21 j 17:25	0°♊			392 Feb 18 j 05:17	0°♈	
max. Earth dist.	387 Jun 06 j 00:37	14°♊34'36	1.01737 AU		392 Mar 19 j 15:19	0°♈	
	387 Jun 22 j 05:17	0°♄			392 Apr 19 j 14:04	0°♄	
	387 Jul 23 j 13:43	0°♊			392 May 20 j 22:22	0°♊	
	387 Aug 23 j 12:42	0°♌		max. Earth dist.	392 Jun 06 j 05:36	15°♊31'36	1.01739 AU
	387 Sep 22 j 23:01	0°♊			392 Jun 21 j 10:15	0°♄	
	387 Oct 22 j 20:56	0°♌			392 Jul 22 j 18:42	0°♊	
	387 Nov 21 j 09:55	0°♈			392 Aug 22 j 17:41	0°♌	
min. Earth dist.	387 Dec 07 j 09:41	16°♄19'00	0.98264 AU		392 Sep 22 j 04:00	0°♊	
	387 Dec 20 j 19:39	0°♄			392 Oct 22 j 01:54	0°♌	
	388 Jan 19 j 08:32	0°♈			392 Nov 20 j 14:54	0°♈	
	388 Feb 18 j 06:15	0°♈		min. Earth dist.	392 Dec 06 j 19:27	16°♄31'12	0.98266 AU
	388 Mar 19 j 16:18	0°♈			392 Dec 20 j 00:38	0°♄	
	388 Apr 19 j 15:01	0°♄			393 Jan 18 j 13:30	0°♈	
	388 May 20 j 23:13	0°♊			393 Feb 17 j 11:09	0°♈	
max. Earth dist.	388 Jun 05 j 23:28	15°♊15'12	1.01728 AU		393 Mar 19 j 21:08	0°♈	
	388 Jun 21 j 10:59	0°♄			393 Apr 19 j 19:49	0°♄	
	388 Jul 22 j 19:19	0°♊			393 May 21 j 04:03	0°♊	
	388 Aug 22 j 18:16	0°♌		max. Earth dist.	393 Jun 05 j 02:59	14°♊15'00	1.01735 AU
	388 Sep 22 j 04:36	0°♊			393 Jun 21 j 15:56	0°♄	
	388 Oct 22 j 02:34	0°♌			393 Jul 23 j 00:23	0°♊	
	388 Nov 20 j 15:37	0°♈			393 Aug 22 j 23:26	0°♌	
min. Earth dist.	388 Dec 04 j 15:45	14°♄17'04	0.98266 AU		393 Sep 22 j 09:49	0°♊	
	388 Dec 20 j 01:23	0°♄			393 Oct 22 j 07:47	0°♌	
	389 Jan 18 j 14:16	0°♈			393 Nov 20 j 20:48	0°♈	
	389 Feb 17 j 11:58	0°♈		min. Earth dist.	393 Dec 05 j 20:28	15°♄17'19	0.98260 AU
	389 Mar 19 j 22:00	0°♈			393 Dec 20 j 06:30	0°♄	
	389 Apr 19 j 20:43	0°♄			394 Jan 18 j 19:19	0°♈	
	389 May 21 j 04:57	0°♊			394 Feb 17 j 16:56	0°♈	
max. Earth dist.	389 Jun 07 j 04:39	16°♊10'50	1.01734 AU		394 Mar 20 j 02:54	0°♈	
	389 Jun 21 j 16:45	0°♄			394 Apr 20 j 01:35	0°♄	
	389 Jul 23 j 01:08	0°♊			394 May 21 j 09:49	0°♊	
	389 Aug 23 j 00:07	0°♌		max. Earth dist.	394 Jun 08 j 01:21	16°♊48'22	1.01737 AU
	389 Sep 22 j 10:28	0°♊			394 Jun 21 j 21:41	0°♄	
	389 Oct 22 j 08:26	0°♌			394 Jul 23 j 06:11	0°♊	
	389 Nov 20 j 21:28	0°♈			394 Aug 23 j 05:16	0°♌	
min. Earth dist.	389 Dec 06 j 12:02	15°♄55'25	0.98268 AU		394 Sep 22 j 15:40	0°♊	
	389 Dec 20 j 07:11	0°♄			394 Oct 22 j 13:38	0°♌	
	390 Jan 18 j 20:01	0°♈			394 Nov 21 j 02:37	0°♈	
	390 Feb 17 j 17:40	0°♈		min. Earth dist.	394 Dec 05 j 06:25	14°♄26'34	0.98263 AU
	390 Mar 20 j 03:42	0°♈			394 Dec 20 j 12:17	0°♄	
	390 Apr 20 j 02:27	0°♄			395 Jan 19 j 01:04	0°♈	
	390 May 21 j 10:45	0°♊			395 Feb 17 j 22:41	0°♈	
max. Earth dist.	390 Jun 05 j 05:06	14°♊04'05	1.01737 AU		395 Mar 20 j 08:41	0°♈	
	390 Jun 21 j 22:37	0°♄			395 Apr 20 j 07:26	0°♄	
	390 Jul 23 j 07:03	0°♊			395 May 21 j 15:44	0°♊	
	390 Aug 23 j 06:01	0°♌		max. Earth dist.	395 Jun 06 j 08:17	14°♊56'45	1.01740 AU
	390 Sep 22 j 16:20	0°♊			395 Jun 22 j 03:38	0°♄	
	390 Oct 22 j 14:17	0°♌			395 Jul 23 j 12:08	0°♊	
	390 Nov 21 j 03:17	0°♈			395 Aug 23 j 11:12	0°♌	
min. Earth dist.	390 Dec 06 j 17:48	15°♄55'19	0.98262 AU		395 Sep 22 j 21:36	0°♊	
	390 Dec 20 j 13:01	0°♄			395 Oct 22 j 19:35	0°♌	
	391 Jan 19 j 01:52	0°♈			395 Nov 21 j 08:37	0°♈	
	391 Feb 17 j 23:31	0°♈		min. Earth dist.	395 Dec 07 j 17:35	16°♄42'34	0.98262 AU
	391 Mar 20 j 09:31	0°♈			395 Dec 20 j 18:19	0°♄	
	391 Apr 20 j 08:16	0°♄			396 Jan 19 j 07:07	0°♈	
	391 May 21 j 16:33	0°♊			396 Feb 18 j 04:43	0°♈	
max. Earth dist.	391 Jun 07 j 15:26	16°♊08'49	1.01734 AU		396 Mar 19 j 14:41	0°♈	
	391 Jun 22 j 04:24	0°♄			396 Apr 19 j 13:21	0°♄	
	391 Jul 23 j 12:49	0°♊			396 May 20 j 21:35	0°♊	
	391 Aug 23 j 11:46	0°♌		max. Earth dist.	396 Jun 05 j 12:28	14°♊52'55	1.01731 AU

	396 Jun 21 j 09:24	0°☾			401 Apr 19 j 18:35	0°♄		
	396 Jul 22 j 17:48	0°♌			401 May 21 j 02:47	0°♊		
	396 Aug 22 j 16:50	0°♍		max. Earth dist.	401 Jun 05 j 01:38	14°♊14'54	1.01732 AU	
	396 Sep 22 j 03:15	0°♋			401 Jun 21 j 14:35	0°☾		
	396 Oct 22 j 01:17	0°♎			401 Jul 22 j 23:01	0°♌		
	396 Nov 20 j 14:24	0°♊			401 Aug 22 j 22:04	0°♍		
min. Earth dist.	396 Dec 05 j 01:35	14°♊45'16	0.98265 AU		401 Sep 22 j 08:31	0°♋		
	396 Dec 20 j 00:10	0°♄			401 Oct 22 j 06:34	0°♎		
	397 Jan 18 j 13:01	0°♊			401 Nov 20 j 19:41	0°♊		
	397 Feb 17 j 10:36	0°♋		min. Earth dist.	401 Dec 06 j 07:13	15°♊47'37	0.98263 AU	
	397 Mar 19 j 20:31	0°♌			401 Dec 20 j 05:26	0°♄		
	397 Apr 19 j 19:08	0°♄			402 Jan 18 j 18:14	0°♊		
	397 May 21 j 03:20	0°♊			402 Feb 17 j 15:49	0°♋		
max. Earth dist.	397 Jun 07 j 14:17	16°♊37'33	1.01735 AU		402 Mar 20 j 01:43	0°♌		
	397 Jun 21 j 15:11	0°☾			402 Apr 20 j 00:20	0°♄		
	397 Jul 22 j 23:38	0°♌			402 May 21 j 08:32	0°♊		
	397 Aug 22 j 22:42	0°♍		max. Earth dist.	402 Jun 07 j 23:37	16°♊47'22	1.01734 AU	
	397 Sep 22 j 09:08	0°♋			402 Jun 21 j 20:22	0°☾		
	397 Oct 22 j 07:10	0°♎			402 Jul 23 j 04:49	0°♌		
	397 Nov 20 j 20:15	0°♊			402 Aug 23 j 03:53	0°♍		
min. Earth dist.	397 Dec 06 j 03:53	15°♊37'36	0.98270 AU		402 Sep 22 j 14:17	0°♋		
	397 Dec 20 j 06:00	0°♄			402 Oct 22 j 12:17	0°♎		
	398 Jan 18 j 18:50	0°♊			402 Nov 21 j 01:21	0°♊		
	398 Feb 17 j 16:25	0°♋		min. Earth dist.	402 Dec 05 j 02:16	14°♊19'03	0.98267 AU	
	398 Mar 20 j 02:21	0°♌			402 Dec 20 j 11:05	0°♄		
	398 Apr 20 j 00:59	0°♄			403 Jan 18 j 23:54	0°♊		
	398 May 21 j 09:13	0°♊			403 Feb 17 j 21:30	0°♋		
max. Earth dist.	398 Jun 05 j 14:45	14°♊30'43	1.01737 AU		403 Mar 20 j 07:27	0°♌		
	398 Jun 21 j 21:06	0°☾			403 Apr 20 j 06:08	0°♄		
	398 Jul 23 j 05:36	0°♌			403 May 21 j 14:24	0°♊		
	398 Aug 23 j 04:41	0°♍		max. Earth dist.	403 Jun 06 j 16:09	15°♊18'39	1.01740 AU	
	398 Sep 22 j 15:06	0°♋			403 Jun 22 j 02:17	0°☾		
	398 Oct 22 j 13:07	0°♎			403 Jul 23 j 10:46	0°♌		
	398 Nov 21 j 02:10	0°♊			403 Aug 23 j 09:49	0°♍		
min. Earth dist.	398 Dec 07 j 02:10	16°♊19'34	0.98264 AU		403 Sep 22 j 20:12	0°♋		
	398 Dec 20 j 11:54	0°♄			403 Oct 22 j 18:11	0°♎		
	399 Jan 19 j 00:45	0°♊			403 Nov 21 j 07:14	0°♊		
	399 Feb 17 j 22:22	0°♋		min. Earth dist.	403 Dec 07 j 17:27	16°♊45'39	0.98266 AU	
	399 Mar 20 j 08:19	0°♌			403 Dec 20 j 16:58	0°♄		
	399 Apr 20 j 06:57	0°♄			404 Jan 19 j 05:49	0°♊		
	399 May 21 j 15:08	0°♊			404 Feb 18 j 03:26	0°♋		
max. Earth dist.	399 Jun 07 j 11:43	16°♊03'27	1.01731 AU		404 Mar 19 j 13:22	0°♌		
	399 Jun 22 j 02:57	0°☾			404 Apr 19 j 11:59	0°♄		
	399 Jul 23 j 11:22	0°♌			404 May 20 j 20:10	0°♊		
	399 Aug 23 j 10:25	0°♍		max. Earth dist.	404 Jun 05 j 03:45	14°♊35'37	1.01732 AU	
	399 Sep 22 j 20:49	0°♋			404 Jun 21 j 07:59	0°☾		
	399 Oct 22 j 18:49	0°♎			404 Jul 22 j 16:25	0°♌		
	399 Nov 21 j 07:52	0°♊			404 Aug 22 j 15:28	0°♍		
min. Earth dist.	399 Dec 05 j 05:24	14°♊10'24	0.98266 AU		404 Sep 22 j 01:52	0°♋		
	399 Dec 20 j 17:37	0°♄			404 Oct 21 j 23:53	0°♎		
	400 Jan 19 j 06:29	0°♊			404 Nov 20 j 12:57	0°♊		
	400 Feb 18 j 04:09	0°♋		min. Earth dist.	404 Dec 05 j 05:56	15°♊00'09	0.98264 AU	
	400 Mar 19 j 14:08	0°♌			404 Dec 19 j 22:42	0°♄		
	400 Apr 19 j 12:49	0°♄			405 Jan 18 j 11:33	0°♊		
	400 May 20 j 21:01	0°♊			405 Feb 17 j 09:09	0°♋		
max. Earth dist.	400 Jun 06 j 15:46	15°♊59'04	1.01735 AU		405 Mar 19 j 19:04	0°♌		
	400 Jun 21 j 08:50	0°☾			405 Apr 19 j 17:39	0°♄		
	400 Jul 22 j 17:16	0°♌			405 May 21 j 01:49	0°♊		
	400 Aug 22 j 16:18	0°♍		max. Earth dist.	405 Jun 07 j 19:20	16°♊53'09	1.01735 AU	
	400 Sep 22 j 02:43	0°♋			405 Jun 21 j 13:40	0°☾		
	400 Oct 22 j 00:45	0°♎			405 Jul 22 j 22:08	0°♌		
	400 Nov 20 j 13:50	0°♊			405 Aug 22 j 21:15	0°♍		
min. Earth dist.	400 Dec 06 j 19:26	16°♊33'49	0.98269 AU		405 Sep 22 j 07:43	0°♋		
	400 Dec 19 j 23:35	0°♄			405 Oct 22 j 05:44	0°♎		
	401 Jan 18 j 12:25	0°♊			405 Nov 20 j 18:46	0°♊		
	401 Feb 17 j 10:01	0°♋		min. Earth dist.	405 Dec 05 j 14:50	15°♊08'05	0.98265 AU	
	401 Mar 19 j 19:57	0°♌			405 Dec 20 j 04:27	0°♄		

	406 Jan 18 j 17:14	0°≈			410 Nov 20 j 23:50	0°♊	
	406 Feb 17 j 14:47	0°♋		min. Earth dist.	410 Dec 05 j 02:29	14°♊23'27	0.98266 AU
	406 Mar 20 j 00:42	0°♌			410 Dec 20 j 09:34	0°♋	
	406 Apr 19 j 23:21	0°♍			411 Jan 18 j 22:23	0°≈	
	406 May 21 j 07:35	0°♎			411 Feb 17 j 19:56	0°♋	
max. Earth dist.	406 Jun 05 j 20:39	14°♎48'34	1.01740 AU		411 Mar 20 j 05:48	0°♌	
	406 Jun 21 j 19:29	0°♏			411 Apr 20 j 04:22	0°♍	
	406 Jul 23 j 04:01	0°♐			411 May 21 j 12:32	0°♎	
	406 Aug 23 j 03:10	0°♑		max. Earth dist.	411 Jun 07 j 04:31	15°♎52'31	1.01737 AU
	406 Sep 22 j 13:39	0°♒			411 Jun 22 j 00:23	0°♏	
	406 Oct 22 j 11:41	0°♓			411 Jul 23 j 08:54	0°♐	
	406 Nov 21 j 00:43	0°♊			411 Aug 23 j 08:04	0°♑	
min. Earth dist.	406 Dec 07 j 10:16	16°♊44'03	0.98259 AU		411 Sep 22 j 18:36	0°♒	
	406 Dec 20 j 10:23	0°♋			411 Oct 22 j 16:41	0°♓	
	407 Jan 18 j 23:07	0°≈			411 Nov 21 j 05:47	0°♊	
	407 Feb 17 j 20:39	0°♋		min. Earth dist.	411 Dec 07 j 20:00	16°♊55'50	0.98267 AU
	407 Mar 20 j 06:33	0°♌			411 Dec 20 j 15:31	0°♋	
	407 Apr 20 j 05:11	0°♍			412 Jan 19 j 04:20	0°≈	
	407 May 21 j 13:24	0°♎			412 Feb 18 j 01:54	0°♋	
max. Earth dist.	407 Jun 06 j 22:33	15°♎36'17	1.01733 AU		412 Mar 19 j 11:47	0°♌	
	407 Jun 22 j 01:15	0°♏			412 Apr 19 j 10:20	0°♍	
	407 Jul 23 j 09:42	0°♐			412 May 20 j 18:26	0°♎	
	407 Aug 23 j 08:48	0°♑		max. Earth dist.	412 Jun 05 j 00:57	14°♎33'12	1.01729 AU
	407 Sep 22 j 19:16	0°♒			412 Jun 21 j 06:12	0°♏	
	407 Oct 22 j 17:19	0°♓			412 Jul 22 j 14:37	0°♐	
	407 Nov 21 j 06:24	0°♊			412 Aug 22 j 13:44	0°♑	
min. Earth dist.	407 Dec 05 j 13:09	14°♊33'59	0.98263 AU		412 Sep 22 j 00:16	0°♒	
	407 Dec 20 j 16:07	0°♋			412 Oct 21 j 22:25	0°♓	
	408 Jan 19 j 04:53	0°≈			412 Nov 20 j 11:35	0°♊	
	408 Feb 18 j 02:26	0°♋		min. Earth dist.	412 Dec 05 j 17:40	15°♊33'36	0.98265 AU
	408 Mar 19 j 12:19	0°♌			412 Dec 19 j 21:22	0°♋	
	408 Apr 19 j 10:55	0°♍			413 Jan 18 j 10:11	0°≈	
	408 May 20 j 19:08	0°♎			413 Feb 17 j 07:43	0°♋	
max. Earth dist.	408 Jun 07 j 00:47	16°♎24'53	1.01738 AU		413 Mar 19 j 17:34	0°♌	
	408 Jun 21 j 07:01	0°♏			413 Apr 19 j 16:06	0°♍	
	408 Jul 22 j 15:30	0°♐			413 May 21 j 00:12	0°♎	
	408 Aug 22 j 14:37	0°♑		max. Earth dist.	413 Jun 07 j 22:07	17°♎03'42	1.01730 AU
	408 Sep 22 j 01:06	0°♒			413 Jun 21 j 11:59	0°♏	
	408 Oct 21 j 23:12	0°♓			413 Jul 22 j 20:26	0°♐	
	408 Nov 20 j 12:20	0°♊			413 Aug 22 j 19:34	0°♑	
min. Earth dist.	408 Dec 06 j 15:51	16°♊28'26	0.98269 AU		413 Sep 22 j 06:06	0°♒	
	408 Dec 19 j 22:05	0°♋			413 Oct 22 j 04:15	0°♓	
	409 Jan 18 j 10:51	0°≈			413 Nov 20 j 17:23	0°♊	
	409 Feb 17 j 08:20	0°♋		min. Earth dist.	413 Dec 05 j 10:13	14°♊59'38	0.98269 AU
	409 Mar 19 j 18:08	0°♌			413 Dec 20 j 03:09	0°♋	
	409 Apr 19 j 16:40	0°♍			414 Jan 18 j 15:55	0°≈	
	409 May 21 j 00:50	0°♎			414 Feb 17 j 13:26	0°♋	
max. Earth dist.	409 Jun 05 j 07:51	14°♎34'18	1.01736 AU		414 Mar 19 j 23:16	0°♌	
	409 Jun 21 j 12:42	0°♏			414 Apr 19 j 21:51	0°♍	
	409 Jul 22 j 21:14	0°♐			414 May 21 j 06:03	0°♎	
	409 Aug 22 j 20:23	0°♑		max. Earth dist.	414 Jun 06 j 03:58	15°♎09'37	1.01737 AU
	409 Sep 22 j 06:54	0°♒			414 Jun 21 j 17:55	0°♏	
	409 Oct 22 j 05:01	0°♓			414 Jul 23 j 02:26	0°♐	
	409 Nov 20 j 18:10	0°♊			414 Aug 23 j 01:35	0°♑	
min. Earth dist.	409 Dec 06 j 16:37	16°♊15'29	0.98264 AU		414 Sep 22 j 12:06	0°♒	
	409 Dec 20 j 03:56	0°♋			414 Oct 22 j 10:12	0°♓	
	410 Jan 18 j 16:42	0°≈			414 Nov 20 j 23:20	0°♊	
	410 Feb 17 j 14:12	0°♋		min. Earth dist.	414 Dec 07 j 15:25	17°♊00'38	0.98266 AU
	410 Mar 19 j 23:59	0°♌			414 Dec 20 j 09:05	0°♋	
	410 Apr 19 j 22:29	0°♍			415 Jan 18 j 21:52	0°≈	
	410 May 21 j 06:36	0°♎			415 Feb 17 j 19:23	0°♋	
max. Earth dist.	410 Jun 08 j 02:16	16°♎58'20	1.01734 AU		415 Mar 20 j 05:14	0°♌	
	410 Jun 21 j 18:27	0°♏			415 Apr 20 j 03:49	0°♍	
	410 Jul 23 j 02:59	0°♐			415 May 21 j 12:00	0°♎	
	410 Aug 23 j 02:09	0°♑		max. Earth dist.	415 Jun 06 j 10:59	15°♎12'12	1.01732 AU
	410 Sep 22 j 12:40	0°♒			415 Jun 21 j 23:49	0°♏	
	410 Oct 22 j 10:44	0°♓			415 Jul 23 j 08:17	0°♐	

	415 Aug 23 j 07:22	0°♎		max. Earth dist.	420 Jun 05 j 00:21	14°♊35'03	1.01733 AU
	415 Sep 22 j 17:50	0°♏			420 Jun 21 j 04:51	0°♏	
	415 Oct 22 j 15:55	0°♎			420 Jul 22 j 13:21	0°♏	
	415 Nov 21 j 05:02	0°♎			420 Aug 22 j 12:31	0°♎	
min. Earth dist.	415 Dec 05 j 16:45	14°♎46'39	0.98266 AU		420 Sep 21 j 23:05	0°♏	
	415 Dec 20 j 14:48	0°♏			420 Oct 21 j 21:16	0°♎	
	416 Jan 19 j 03:38	0°♎			420 Nov 20 j 10:28	0°♎	
	416 Feb 18 j 01:12	0°♎		min. Earth dist.	420 Dec 06 j 03:40	16°♎02'00	0.98265 AU
	416 Mar 19 j 11:04	0°♎			420 Dec 19 j 20:15	0°♏	
	416 Apr 19 j 09:38	0°♏			421 Jan 18 j 09:01	0°♎	
	416 May 20 j 17:48	0°♊			421 Feb 17 j 06:28	0°♎	
max. Earth dist.	416 Jun 07 j 08:36	16°♊46'42	1.01735 AU		421 Mar 19 j 16:12	0°♎	
	416 Jun 21 j 05:39	0°♏			421 Apr 19 j 14:39	0°♏	
	416 Jul 22 j 14:09	0°♏			421 May 20 j 22:43	0°♊	
	416 Aug 22 j 13:17	0°♎		max. Earth dist.	421 Jun 08 j 02:11	17°♊16'53	1.01733 AU
	416 Sep 21 j 23:46	0°♏			421 Jun 21 j 10:32	0°♏	
	416 Oct 21 j 21:51	0°♎			421 Jul 22 j 19:04	0°♏	
	416 Nov 20 j 10:58	0°♎			421 Aug 22 j 18:17	0°♎	
min. Earth dist.	416 Dec 06 j 00:13	15°♎51'56	0.98270 AU		421 Sep 22 j 04:52	0°♏	
	416 Dec 19 j 20:43	0°♏			421 Oct 22 j 03:02	0°♎	
	417 Jan 18 j 09:31	0°♎			421 Nov 20 j 16:11	0°♎	
	417 Feb 17 j 07:02	0°♎		min. Earth dist.	421 Dec 05 j 04:50	14°♎48'57	0.98268 AU
	417 Mar 19 j 16:52	0°♎			421 Dec 20 j 01:56	0°♏	
	417 Apr 19 j 15:24	0°♏			422 Jan 18 j 14:42	0°♎	
	417 May 20 j 23:32	0°♊			422 Feb 17 j 12:08	0°♎	
max. Earth dist.	417 Jun 05 j 11:32	14°♊46'08	1.01736 AU		422 Mar 19 j 21:53	0°♎	
	417 Jun 21 j 11:24	0°♏			422 Apr 19 j 20:22	0°♏	
	417 Jul 22 j 19:57	0°♏			422 May 21 j 04:29	0°♊	
	417 Aug 22 j 19:09	0°♎		max. Earth dist.	422 Jun 06 j 16:31	15°♊43'09	1.01739 AU
	417 Sep 22 j 05:43	0°♏			422 Jun 21 j 16:22	0°♏	
	417 Oct 22 j 03:50	0°♎			422 Jul 23 j 00:58	0°♏	
	417 Nov 20 j 16:56	0°♎			422 Aug 23 j 00:13	0°♎	
min. Earth dist.	417 Dec 06 j 23:05	16°♎35'14	0.98261 AU		422 Sep 22 j 10:49	0°♏	
	417 Dec 20 j 02:39	0°♏			422 Oct 22 j 08:57	0°♎	
	418 Jan 18 j 15:24	0°♎			422 Nov 20 j 22:05	0°♎	
	418 Feb 17 j 12:53	0°♎		min. Earth dist.	422 Dec 07 j 18:07	17°♎10'43	0.98266 AU
	418 Mar 19 j 22:42	0°♎			422 Dec 20 j 07:49	0°♏	
	418 Apr 19 j 21:13	0°♏			423 Jan 18 j 20:34	0°♎	
	418 May 21 j 05:21	0°♊			423 Feb 17 j 18:03	0°♎	
max. Earth dist.	418 Jun 07 j 15:53	16°♊36'38	1.01734 AU		423 Mar 20 j 03:50	0°♎	
	418 Jun 21 j 17:12	0°♏			423 Apr 20 j 02:19	0°♏	
	418 Jul 23 j 01:45	0°♏			423 May 21 j 10:25	0°♊	
	418 Aug 23 j 00:57	0°♎		max. Earth dist.	423 Jun 06 j 06:01	15°♊04'16	1.01731 AU
	418 Sep 22 j 11:30	0°♏			423 Jun 21 j 22:13	0°♏	
	418 Oct 22 j 09:36	0°♎			423 Jul 23 j 06:43	0°♏	
	418 Nov 20 j 22:42	0°♎			423 Aug 23 j 05:54	0°♎	
min. Earth dist.	418 Dec 05 j 06:13	14°♎35'56	0.98262 AU		423 Sep 22 j 16:28	0°♏	
	418 Dec 20 j 08:23	0°♏			423 Oct 22 j 14:38	0°♎	
	419 Jan 18 j 21:07	0°♎			423 Nov 21 j 03:46	0°♎	
	419 Feb 17 j 18:36	0°♎		min. Earth dist.	423 Dec 06 j 02:32	15°♎14'52	0.98264 AU
	419 Mar 20 j 04:25	0°♎			423 Dec 20 j 13:31	0°♏	
	419 Apr 20 j 03:00	0°♏			424 Jan 19 j 02:18	0°♎	
	419 May 21 j 11:12	0°♊			424 Feb 17 j 23:48	0°♎	
max. Earth dist.	419 Jun 07 j 11:27	16°♊12'07	1.01739 AU		424 Mar 19 j 09:36	0°♎	
	419 Jun 21 j 23:05	0°♏			424 Apr 19 j 08:05	0°♏	
	419 Jul 23 j 07:38	0°♏			424 May 20 j 16:10	0°♊	
	419 Aug 23 j 06:50	0°♎		max. Earth dist.	424 Jun 07 j 15:26	17°♊06'55	1.01732 AU
	419 Sep 22 j 17:25	0°♏			424 Jun 21 j 03:57	0°♏	
	419 Oct 22 j 15:33	0°♎			424 Jul 22 j 12:27	0°♏	
	419 Nov 21 j 04:40	0°♎			424 Aug 22 j 11:38	0°♎	
min. Earth dist.	419 Dec 07 j 20:15	16°♎59'19	0.98266 AU		424 Sep 21 j 22:14	0°♏	
	419 Dec 20 j 14:23	0°♏			424 Oct 21 j 20:25	0°♎	
	420 Jan 19 j 03:07	0°♎			424 Nov 20 j 09:36	0°♎	
	420 Feb 18 j 00:35	0°♎		min. Earth dist.	424 Dec 05 j 19:24	15°♎43'01	0.98270 AU
	420 Mar 19 j 10:23	0°♎			424 Dec 19 j 19:21	0°♏	
	420 Apr 19 j 08:54	0°♏			425 Jan 18 j 08:05	0°♎	
	420 May 20 j 17:01	0°♊			425 Feb 17 j 05:31	0°♎	

	425 Mar 19 j 15:16	0°Υ		429 Dec 20 j 00:17	0°Ξ	
	425 Apr 19 j 13:45	0°Ϡ		430 Jan 18 j 12:59	0°≈	
	425 May 20 j 21:50	0°Π		430 Feb 17 j 10:23	0°Ϡ	
max. Earth dist.	425 Jun 05 j 17:22	15°Π04'02	1.01735 AU	430 Mar 19 j 20:07	0°Υ	
	425 Jun 21 j 09:40	0°Ϡ		430 Apr 19 j 18:36	0°Ϡ	
	425 Jul 22 j 18:12	0°Ω		430 May 21 j 02:43	0°Π	
	425 Aug 22 j 17:26	0°Ϡ		430 Jun 07 j 00:27	16°Π06'12	1.01739 AU
	425 Sep 22 j 04:04	0°Ϡ		430 Jun 21 j 14:36	0°Ϡ	
	425 Oct 22 j 02:17	0°Π		430 Jul 22 j 23:13	0°Ω	
	425 Nov 20 j 15:29	0°Ϡ		430 Aug 22 j 22:32	0°Ϡ	
min. Earth dist.	425 Dec 07 j 09:20	17°Ϡ05'01	0.98265 AU	430 Sep 22 j 09:13	0°Ϡ	
	425 Dec 20 j 01:15	0°Ξ		430 Oct 22 j 07:26	0°Π	
	426 Jan 18 j 13:59	0°≈		430 Nov 20 j 20:35	0°Ϡ	
	426 Feb 17 j 11:23	0°Ϡ		430 Dec 07 j 21:47	17°Ϡ23'53	0.98263 AU
	426 Mar 19 j 21:06	0°Υ		430 Dec 20 j 06:17	0°Ξ	
	426 Apr 19 j 19:33	0°Ϡ		431 Jan 18 j 18:57	0°≈	
	426 May 21 j 03:39	0°Π		431 Feb 17 j 16:21	0°Ϡ	
max. Earth dist.	426 Jun 07 j 03:46	16°Π12'00	1.01732 AU	431 Mar 20 j 02:05	0°Υ	
	426 Jun 21 j 15:28	0°Ϡ		431 Apr 20 j 00:33	0°Ϡ	
	426 Jul 22 j 24:00	0°Ω		431 May 21 j 08:41	0°Π	
	426 Aug 22 j 23:12	0°Ϡ		431 Jun 05 j 22:40	14°Π50'54	1.01733 AU
	426 Sep 22 j 09:47	0°Ϡ		431 Jun 21 j 20:31	0°Ϡ	
	426 Oct 22 j 07:56	0°Π		431 Jul 23 j 05:03	0°Ω	
	426 Nov 20 j 21:06	0°Ϡ		431 Aug 23 j 04:17	0°Ϡ	
min. Earth dist.	426 Dec 05 j 10:24	14°Ϡ50'38	0.98265 AU	431 Sep 22 j 14:56	0°Ϡ	
	426 Dec 20 j 06:51	0°Ξ		431 Oct 22 j 13:10	0°Π	
	427 Jan 18 j 19:36	0°≈		431 Nov 21 j 02:22	0°Ϡ	
	427 Feb 17 j 17:03	0°Ϡ		431 Dec 06 j 14:00	15°Ϡ47'43	0.98263 AU
	427 Mar 20 j 02:48	0°Υ		431 Dec 20 j 12:08	0°Ξ	
	427 Apr 20 j 01:17	0°Ϡ		432 Jan 19 j 00:51	0°≈	
	427 May 21 j 09:25	0°Π		432 Feb 17 j 22:15	0°Ϡ	
max. Earth dist.	427 Jun 07 j 20:41	16°Π38'17	1.01738 AU	432 Mar 19 j 07:57	0°Υ	
	427 Jun 21 j 21:17	0°Ϡ		432 Apr 19 j 06:23	0°Ϡ	
	427 Jul 23 j 05:51	0°Ω		432 May 20 j 14:28	0°Π	
	427 Aug 23 j 05:05	0°Ϡ		432 Jun 07 j 19:25	17°Π20'24	1.01734 AU
	427 Sep 22 j 15:40	0°Ϡ		432 Jun 21 j 02:17	0°Ϡ	
	427 Oct 22 j 13:49	0°Π		432 Jul 22 j 10:51	0°Ω	
	427 Nov 21 j 02:57	0°Ϡ		432 Aug 22 j 10:06	0°Ϡ	
min. Earth dist.	427 Dec 07 j 09:41	16°Ϡ36'35	0.98269 AU	432 Sep 21 j 20:45	0°Ϡ	
	427 Dec 20 j 12:43	0°Ξ		432 Oct 21 j 19:00	0°Π	
	428 Jan 19 j 01:29	0°≈		432 Nov 20 j 08:15	0°Ϡ	
	428 Feb 17 j 22:57	0°Ϡ		432 Dec 05 j 13:02	15°Ϡ30'06	0.98271 AU
	428 Mar 19 j 08:43	0°Υ		432 Dec 19 j 18:02	0°Ξ	
	428 Apr 19 j 07:10	0°Ϡ		433 Jan 18 j 06:46	0°≈	
	428 May 20 j 15:15	0°Π		433 Feb 17 j 04:07	0°Ϡ	
max. Earth dist.	428 Jun 05 j 04:06	14°Π48'16	1.01733 AU	433 Mar 19 j 13:46	0°Υ	
	428 Jun 21 j 03:04	0°Ϡ		433 Apr 19 j 12:08	0°Ϡ	
	428 Jul 22 j 11:36	0°Ω		433 May 20 j 20:12	0°Π	
	428 Aug 22 j 10:49	0°Ϡ		433 Jun 06 j 04:04	15°Π33'22	1.01736 AU
	428 Sep 21 j 21:25	0°Ϡ		433 Jun 21 j 08:04	0°Ϡ	
	428 Oct 21 j 19:36	0°Π		433 Jul 22 j 16:41	0°Ω	
	428 Nov 20 j 08:47	0°Ϡ		433 Aug 22 j 16:00	0°Ϡ	
min. Earth dist.	428 Dec 06 j 09:24	16°Ϡ20'59	0.98264 AU	433 Sep 22 j 02:42	0°Ϡ	
	428 Dec 19 j 18:34	0°Ξ		433 Oct 22 j 00:58	0°Π	
	429 Jan 18 j 07:19	0°≈		433 Nov 20 j 14:13	0°Ϡ	
	429 Feb 17 j 04:47	0°Ϡ		433 Dec 07 j 14:54	17°Ϡ22'30	0.98268 AU
	429 Mar 19 j 14:30	0°Υ		433 Dec 19 j 24:00	0°Ξ	
	429 Apr 19 j 12:55	0°Ϡ		434 Jan 18 j 12:44	0°≈	
	429 May 20 j 20:58	0°Π		434 Feb 17 j 10:07	0°Ϡ	
max. Earth dist.	429 Jun 08 j 00:26	17°Π16'59	1.01731 AU	434 Mar 19 j 19:45	0°Υ	
	429 Jun 21 j 08:46	0°Ϡ		434 Apr 19 j 18:07	0°Ϡ	
	429 Jul 22 j 17:19	0°Ω		434 May 21 j 02:08	0°Π	
	429 Aug 22 j 16:35	0°Ϡ		434 Jun 06 j 21:24	16°Π00'30	1.01731 AU
	429 Sep 22 j 03:14	0°Ϡ		434 Jun 21 j 13:58	0°Ϡ	
	429 Oct 22 j 01:26	0°Π		434 Jul 22 j 22:33	0°Ω	
	429 Nov 20 j 14:35	0°Ϡ		434 Aug 22 j 21:50	0°Ϡ	
min. Earth dist.	429 Dec 05 j 03:12	14°Ϡ48'56	0.98264 AU	434 Sep 22 j 08:31	0°Ϡ	

	434 Oct 22 j 06:44	0°♌			439 Jul 23 j 03:47	0°♏		
	434 Nov 20 j 19:55	0°♏			439 Aug 23 j 03:01	0°♐		
min. Earth dist.	434 Dec 05 j 15:52	15°♏07'36	0.98265 AU		439 Sep 22 j 13:40	0°♑		
	434 Dec 20 j 05:41	0°♑			439 Oct 22 j 11:53	0°♌		
	435 Jan 18 j 18:26	0°♒			439 Nov 21 j 01:05	0°♏		
	435 Feb 17 j 15:51	0°♐		min. Earth dist.	439 Dec 06 j 19:39	16°♏05'31	0.98264 AU	
	435 Mar 20 j 01:34	0°♑			439 Dec 20 j 10:51	0°♑		
	435 Apr 19 j 23:59	0°♒			440 Jan 18 j 23:35	0°♒		
	435 May 21 j 08:02	0°♑			440 Feb 17 j 21:00	0°♐		
max. Earth dist.	435 Jun 08 j 06:32	17°♑05'04	1.01734 AU		440 Mar 19 j 06:41	0°♑		
	435 Jun 21 j 19:51	0°♑			440 Apr 19 j 05:04	0°♒		
	435 Jul 23 j 04:26	0°♏			440 May 20 j 13:06	0°♑		
	435 Aug 23 j 03:44	0°♐		max. Earth dist.	440 Jun 07 j 21:46	17°♑29'19	1.01733 AU	
	435 Sep 22 j 14:25	0°♑			440 Jun 21 j 00:54	0°♑		
	435 Oct 22 j 12:40	0°♌			440 Jul 22 j 09:29	0°♏		
	435 Nov 21 j 01:51	0°♏			440 Aug 22 j 08:47	0°♐		
min. Earth dist.	435 Dec 07 j 01:26	16°♏18'16	0.98270 AU		440 Sep 21 j 19:28	0°♑		
	435 Dec 20 j 11:37	0°♑			440 Oct 21 j 17:42	0°♌		
	436 Jan 19 j 00:21	0°♒			440 Nov 20 j 06:54	0°♏		
	436 Feb 17 j 21:47	0°♐		min. Earth dist.	440 Dec 05 j 03:34	15°♏09'23	0.98268 AU	
	436 Mar 19 j 07:30	0°♑			440 Dec 19 j 16:39	0°♑		
	436 Apr 19 j 05:55	0°♒			441 Jan 18 j 05:21	0°♒		
	436 May 20 j 13:56	0°♑			441 Feb 17 j 02:42	0°♐		
max. Earth dist.	436 Jun 05 j 08:28	15°♑01'47	1.01731 AU		441 Mar 19 j 12:19	0°♑		
	436 Jun 21 j 01:43	0°♑			441 Apr 19 j 10:40	0°♒		
	436 Jul 22 j 10:14	0°♏			441 May 20 j 18:43	0°♑		
	436 Aug 22 j 09:30	0°♐		max. Earth dist.	441 Jun 06 j 13:14	15°♑58'41	1.01737 AU	
	436 Sep 21 j 20:12	0°♑			441 Jun 21 j 06:34	0°♑		
	436 Oct 21 j 18:29	0°♌			441 Jul 22 j 15:13	0°♏		
	436 Nov 20 j 07:44	0°♏			441 Aug 22 j 14:36	0°♐		
min. Earth dist.	436 Dec 06 j 20:08	16°♏51'04	0.98266 AU		441 Sep 22 j 01:22	0°♑		
	436 Dec 19 j 17:32	0°♑			441 Oct 21 j 23:39	0°♌		
	437 Jan 18 j 06:16	0°♒			441 Nov 20 j 12:51	0°♏		
	437 Feb 17 j 03:40	0°♐		min. Earth dist.	441 Dec 07 j 18:26	17°♏35'02	0.98264 AU	
	437 Mar 19 j 13:20	0°♑			441 Dec 19 j 22:34	0°♑		
	437 Apr 19 j 11:43	0°♒			442 Jan 18 j 11:13	0°♒		
	437 May 20 j 19:44	0°♑			442 Feb 17 j 08:32	0°♐		
max. Earth dist.	437 Jun 07 j 15:27	16°♑58'40	1.01728 AU		442 Mar 19 j 18:09	0°♑		
	437 Jun 21 j 07:29	0°♑			442 Apr 19 j 16:30	0°♒		
	437 Jul 22 j 16:01	0°♏			442 May 21 j 00:32	0°♑		
	437 Aug 22 j 15:17	0°♐		max. Earth dist.	442 Jun 06 j 10:06	15°♑37'28	1.01733 AU	
	437 Sep 22 j 01:58	0°♑			442 Jun 21 j 12:22	0°♑		
	437 Oct 22 j 00:14	0°♌			442 Jul 22 j 20:59	0°♏		
	437 Nov 20 j 13:28	0°♏			442 Aug 22 j 20:20	0°♐		
min. Earth dist.	437 Dec 05 j 06:51	15°♏01'00	0.98266 AU		442 Sep 22 j 07:05	0°♑		
	437 Dec 19 j 23:13	0°♑			442 Oct 22 j 05:22	0°♌		
	438 Jan 18 j 11:55	0°♒			442 Nov 20 j 18:34	0°♏		
	438 Feb 17 j 09:17	0°♐		min. Earth dist.	442 Dec 06 j 01:50	15°♏36'36	0.98261 AU	
	438 Mar 19 j 18:57	0°♑			442 Dec 20 j 04:17	0°♑		
	438 Apr 19 j 17:22	0°♒			443 Jan 18 j 16:55	0°♒		
	438 May 21 j 01:28	0°♑			443 Feb 17 j 14:15	0°♐		
max. Earth dist.	438 Jun 07 j 08:14	16°♑27'41	1.01738 AU		443 Mar 19 j 23:52	0°♑		
	438 Jun 21 j 13:20	0°♑			443 Apr 19 j 22:14	0°♒		
	438 Jul 22 j 21:57	0°♏			443 May 21 j 06:18	0°♑		
	438 Aug 22 j 21:15	0°♐		max. Earth dist.	443 Jun 08 j 12:09	17°♑22'32	1.01736 AU	
	438 Sep 22 j 07:56	0°♑			443 Jun 21 j 18:09	0°♑		
	438 Oct 22 j 06:10	0°♌			443 Jul 23 j 02:46	0°♏		
	438 Nov 20 j 19:22	0°♏			443 Aug 23 j 02:06	0°♐		
min. Earth dist.	438 Dec 07 j 18:45	17°♏19'09	0.98268 AU		443 Sep 22 j 12:52	0°♑		
	438 Dec 20 j 05:07	0°♑			443 Oct 22 j 11:11	0°♌		
	439 Jan 18 j 17:49	0°♒			443 Nov 21 j 00:25	0°♏		
	439 Feb 17 j 15:12	0°♐		min. Earth dist.	443 Dec 06 j 19:53	16°♏07'40	0.98269 AU	
	439 Mar 20 j 00:52	0°♑			443 Dec 20 j 10:10	0°♑		
	439 Apr 19 j 23:17	0°♒			444 Jan 18 j 22:50	0°♒		
	439 May 21 j 07:22	0°♑			444 Feb 17 j 20:09	0°♐		
max. Earth dist.	439 Jun 05 j 21:53	14°♑52'10	1.01734 AU		444 Mar 19 j 05:44	0°♑		
	439 Jun 21 j 19:13	0°♑			444 Apr 19 j 04:04	0°♒		

	444 May 20 j 12:04	0°II			449 Feb 17 j 01:11	0°X		
max. Earth dist.	444 Jun 05 j 15:57	15°II24'00	1.01734 AU		449 Mar 19 j 10:45	0°Y		
	444 Jun 20 j 23:53	0°S			449 Apr 19 j 09:04	0°B		
	444 Jul 22 j 08:29	0°Q			449 May 20 j 17:04	0°II		
	444 Aug 22 j 07:49	0°P		max. Earth dist.	449 Jun 06 j 20:38	16°II20'12	1.01735 AU	
	444 Sep 21 j 18:35	0°A			449 Jun 21 j 04:53	0°S		
	444 Oct 21 j 16:56	0°M			449 Jul 22 j 13:30	0°Q		
	444 Nov 20 j 06:15	0°J			449 Aug 22 j 12:54	0°P		
min. Earth dist.	444 Dec 07 j 05:36	17°J18'58	0.98269 AU		449 Sep 21 j 23:42	0°A		
	444 Dec 19 j 16:04	0°Z			449 Oct 21 j 22:04	0°M		
	445 Jan 18 j 04:47	0°≈			449 Nov 20 j 11:22	0°J		
	445 Feb 17 j 02:05	0°X		min. Earth dist.	449 Dec 07 j 20:55	17°J45'05	0.98269 AU	
	445 Mar 19 j 11:38	0°Y			449 Dec 19 j 21:09	0°Z		
	445 Apr 19 j 09:53	0°B			450 Jan 18 j 09:49	0°≈		
	445 May 20 j 17:50	0°II			450 Feb 17 j 07:07	0°X		
max. Earth dist.	445 Jun 07 j 09:40	16°II49'27	1.01729 AU		450 Mar 19 j 16:41	0°Y		
	445 Jun 21 j 05:37	0°S			450 Apr 19 j 14:59	0°B		
	445 Jul 22 j 14:12	0°Q			450 May 20 j 23:00	0°II		
	445 Aug 22 j 13:34	0°P		max. Earth dist.	450 Jun 06 j 01:06	15°II19'45	1.01732 AU	
	445 Sep 22 j 00:20	0°A			450 Jun 21 j 10:50	0°S		
	445 Oct 21 j 22:40	0°M			450 Jul 22 j 19:27	0°Q		
	445 Nov 20 j 11:56	0°J			450 Aug 22 j 18:47	0°P		
min. Earth dist.	445 Dec 05 j 11:08	15°J15'51	0.98267 AU		450 Sep 22 j 05:32	0°A		
	445 Dec 19 j 21:43	0°Z			450 Oct 22 j 03:50	0°M		
	446 Jan 18 j 10:24	0°≈			450 Nov 20 j 17:05	0°J		
	446 Feb 17 j 07:43	0°X		min. Earth dist.	450 Dec 06 j 08:28	15°J57'16	0.98265 AU	
	446 Mar 19 j 17:17	0°Y			450 Dec 20 j 02:52	0°Z		
	446 Apr 19 j 15:35	0°B			451 Jan 18 j 15:34	0°≈		
	446 May 20 j 23:34	0°II			451 Feb 17 j 12:53	0°X		
max. Earth dist.	446 Jun 07 j 20:18	17°II00'54	1.01736 AU		451 Mar 19 j 22:29	0°Y		
	446 Jun 21 j 11:24	0°S			451 Apr 19 j 20:48	0°B		
	446 Jul 22 j 20:03	0°Q			451 May 21 j 04:50	0°II		
	446 Aug 22 j 19:28	0°P		max. Earth dist.	451 Jun 08 j 15:49	17°II34'47	1.01735 AU	
	446 Sep 22 j 06:15	0°A			451 Jun 21 j 16:40	0°S		
	446 Oct 22 j 04:35	0°M			451 Jul 23 j 01:18	0°Q		
	446 Nov 20 j 17:49	0°J			451 Aug 23 j 00:40	0°P		
min. Earth dist.	446 Dec 07 j 13:06	17°J08'38	0.98269 AU		451 Sep 22 j 11:25	0°A		
	446 Dec 20 j 03:34	0°Z			451 Oct 22 j 09:42	0°M		
	447 Jan 18 j 16:16	0°≈			451 Nov 20 j 22:57	0°J		
	447 Feb 17 j 13:37	0°X		min. Earth dist.	451 Dec 06 j 04:47	15°J32'50	0.98270 AU	
	447 Mar 19 j 23:14	0°Y			451 Dec 20 j 08:43	0°Z		
	447 Apr 19 j 21:34	0°B			452 Jan 18 j 21:25	0°≈		
	447 May 21 j 05:34	0°II			452 Feb 17 j 18:46	0°X		
max. Earth dist.	447 Jun 06 j 02:08	15°II06'41	1.01731 AU		452 Mar 19 j 04:21	0°Y		
	447 Jun 21 j 17:21	0°S			452 Apr 19 j 02:39	0°B		
	447 Jul 23 j 01:55	0°Q			452 May 20 j 10:39	0°II		
	447 Aug 23 j 01:15	0°P		max. Earth dist.	452 Jun 05 j 23:25	15°II45'05	1.01735 AU	
	447 Sep 22 j 12:00	0°A			452 Jun 20 j 22:28	0°S		
	447 Oct 22 j 10:20	0°M			452 Jul 22 j 07:06	0°Q		
	447 Nov 20 j 23:36	0°J			452 Aug 22 j 06:30	0°P		
min. Earth dist.	447 Dec 07 j 06:04	16°J35'51	0.98266 AU		452 Sep 21 j 17:17	0°A		
	447 Dec 20 j 09:23	0°Z			452 Oct 21 j 15:38	0°M		
	448 Jan 18 j 22:06	0°≈			452 Nov 20 j 04:54	0°J		
	448 Feb 17 j 19:28	0°X		min. Earth dist.	452 Dec 07 j 08:14	17°J29'15	0.98267 AU	
	448 Mar 19 j 05:06	0°Y			452 Dec 19 j 14:40	0°Z		
	448 Apr 19 j 03:25	0°B			453 Jan 18 j 03:22	0°≈		
	448 May 20 j 11:23	0°II			453 Feb 17 j 00:41	0°X		
max. Earth dist.	448 Jun 07 j 19:35	17°II28'19	1.01728 AU		453 Mar 19 j 10:15	0°Y		
	448 Jun 20 j 23:08	0°S			453 Apr 19 j 08:31	0°B		
	448 Jul 22 j 07:41	0°Q			453 May 20 j 16:29	0°II		
	448 Aug 22 j 07:00	0°P		max. Earth dist.	453 Jun 06 j 19:44	16°II19'35	1.01730 AU	
	448 Sep 21 j 17:46	0°A			453 Jun 21 j 04:17	0°S		
	448 Oct 21 j 16:07	0°M			453 Jul 22 j 12:54	0°Q		
	448 Nov 20 j 05:25	0°J			453 Aug 22 j 12:19	0°P		
min. Earth dist.	448 Dec 05 j 04:41	15°J15'55	0.98270 AU		453 Sep 21 j 23:09	0°A		
	448 Dec 19 j 15:12	0°Z			453 Oct 21 j 21:30	0°M		
	449 Jan 18 j 03:53	0°≈			453 Nov 20 j 10:43	0°J		

min. Earth dist.	453 Dec 05 j 16:22	15°♊32'24	0.98261 AU		458 Sep 22 j 04:16	0°♊	
	453 Dec 19 j 20:26	0°♊			458 Oct 22 j 02:40	0°♊	
	454 Jan 18 j 09:02	0°♊			458 Nov 20 j 15:57	0°♊	
	454 Feb 17 j 06:19	0°♊		min. Earth dist.	458 Dec 06 j 18:33	16°♊25'59	0.98264 AU
	454 Mar 19 j 15:52	0°♊			458 Dec 20 j 01:43	0°♊	
	454 Apr 19 j 14:10	0°♊			459 Jan 18 j 14:22	0°♊	
	454 May 20 j 22:12	0°♊			459 Feb 17 j 11:39	0°♊	
max. Earth dist.	454 Jun 08 j 02:35	17°♊19'03	1.01738 AU		459 Mar 19 j 21:10	0°♊	
	454 Jun 21 j 10:04	0°♊			459 Apr 19 j 19:24	0°♊	
	454 Jul 22 j 18:45	0°♊			459 May 21 j 03:19	0°♊	
	454 Aug 22 j 18:13	0°♊		max. Earth dist.	459 Jun 08 j 20:27	17°♊49'33	1.01730 AU
	454 Sep 22 j 05:04	0°♊			459 Jun 21 j 15:05	0°♊	
	454 Oct 22 j 03:27	0°♊			459 Jul 22 j 23:43	0°♊	
	454 Nov 20 j 16:41	0°♊			459 Aug 22 j 23:09	0°♊	
min. Earth dist.	454 Dec 07 j 06:17	16°♊54'05	0.98266 AU		459 Sep 22 j 10:01	0°♊	
	454 Dec 20 j 02:23	0°♊			459 Oct 22 j 08:26	0°♊	
	455 Jan 18 j 14:59	0°♊			459 Nov 20 j 21:44	0°♊	
	455 Feb 17 j 12:13	0°♊		min. Earth dist.	459 Dec 06 j 03:09	15°♊31'41	0.98270 AU
	455 Mar 19 j 21:47	0°♊			459 Dec 20 j 07:30	0°♊	
	455 Apr 19 j 20:07	0°♊			460 Jan 18 j 20:10	0°♊	
	455 May 21 j 04:09	0°♊			460 Feb 17 j 17:27	0°♊	
max. Earth dist.	455 Jun 06 j 05:59	15°♊19'07	1.01736 AU		460 Mar 19 j 02:57	0°♊	
	455 Jun 21 j 15:59	0°♊			460 Apr 19 j 01:11	0°♊	
	455 Jul 23 j 00:38	0°♊			460 May 20 j 09:06	0°♊	
	455 Aug 23 j 00:02	0°♊		max. Earth dist.	460 Jun 06 j 08:15	16°♊09'51	1.01731 AU
	455 Sep 22 j 10:51	0°♊			460 Jun 20 j 20:51	0°♊	
	455 Oct 22 j 09:15	0°♊			460 Jul 22 j 05:27	0°♊	
	455 Nov 20 j 22:33	0°♊			460 Aug 22 j 04:53	0°♊	
min. Earth dist.	455 Dec 07 j 16:58	17°♊06'25	0.98264 AU		460 Sep 21 j 15:46	0°♊	
	455 Dec 20 j 08:19	0°♊			460 Oct 21 j 14:14	0°♊	
	456 Jan 18 j 20:58	0°♊			460 Nov 20 j 03:36	0°♊	
	456 Feb 17 j 18:12	0°♊		min. Earth dist.	460 Dec 07 j 16:24	17°♊53'18	0.98271 AU
	456 Mar 19 j 03:43	0°♊			460 Dec 19 j 13:25	0°♊	
	456 Apr 19 j 01:58	0°♊			461 Jan 18 j 02:05	0°♊	
	456 May 20 j 09:56	0°♊			461 Feb 16 j 23:19	0°♊	
max. Earth dist.	456 Jun 07 j 16:09	17°♊23'37	1.01731 AU		461 Mar 19 j 08:48	0°♊	
	456 Jun 20 j 21:44	0°♊			461 Apr 19 j 07:00	0°♊	
	456 Jul 22 j 06:21	0°♊			461 May 20 j 14:55	0°♊	
	456 Aug 22 j 05:45	0°♊		max. Earth dist.	461 Jun 06 j 07:29	15°♊54'18	1.01727 AU
	456 Sep 21 j 16:35	0°♊			461 Jun 21 j 02:39	0°♊	
	456 Oct 21 j 14:59	0°♊			461 Jul 22 j 11:15	0°♊	
	456 Nov 20 j 04:19	0°♊			461 Aug 22 j 10:39	0°♊	
min. Earth dist.	456 Dec 05 j 07:51	15°♊26'48	0.98268 AU		461 Sep 21 j 21:31	0°♊	
	456 Dec 19 j 14:07	0°♊			461 Oct 21 j 19:57	0°♊	
	457 Jan 18 j 02:45	0°♊			461 Nov 20 j 09:17	0°♊	
	457 Feb 16 j 23:57	0°♊		min. Earth dist.	461 Dec 06 j 00:29	15°♊56'43	0.98266 AU
	457 Mar 19 j 09:24	0°♊			461 Dec 19 j 19:04	0°♊	
	457 Apr 19 j 07:35	0°♊			462 Jan 18 j 07:42	0°♊	
	457 May 20 j 15:32	0°♊			462 Feb 17 j 04:55	0°♊	
max. Earth dist.	457 Jun 07 j 09:28	16°♊54'20	1.01737 AU		462 Mar 19 j 14:24	0°♊	
	457 Jun 21 j 03:23	0°♊			462 Apr 19 j 12:37	0°♊	
	457 Jul 22 j 12:05	0°♊			462 May 20 j 20:34	0°♊	
	457 Aug 22 j 11:35	0°♊		max. Earth dist.	462 Jun 08 j 08:23	17°♊36'47	1.01735 AU
	457 Sep 21 j 22:29	0°♊			462 Jun 21 j 08:24	0°♊	
	457 Oct 21 j 20:54	0°♊			462 Jul 22 j 17:04	0°♊	
	457 Nov 20 j 10:14	0°♊			462 Aug 22 j 16:31	0°♊	
min. Earth dist.	457 Dec 07 j 20:21	17°♊46'28	0.98270 AU		462 Sep 22 j 03:22	0°♊	
	457 Dec 19 j 20:01	0°♊			462 Oct 22 j 01:46	0°♊	
	458 Jan 18 j 08:40	0°♊			462 Nov 20 j 15:04	0°♊	
	458 Feb 17 j 05:54	0°♊		min. Earth dist.	462 Dec 06 j 15:40	16°♊20'43	0.98271 AU
	458 Mar 19 j 15:22	0°♊			462 Dec 20 j 00:51	0°♊	
	458 Apr 19 j 13:34	0°♊			463 Jan 18 j 13:29	0°♊	
	458 May 20 j 21:29	0°♊			463 Feb 17 j 10:44	0°♊	
max. Earth dist.	458 Jun 06 j 03:48	15°♊29'52	1.01732 AU		463 Mar 19 j 20:14	0°♊	
	458 Jun 21 j 09:18	0°♊			463 Apr 19 j 18:29	0°♊	
	458 Jul 22 j 17:58	0°♊			463 May 21 j 02:28	0°♊	
	458 Aug 22 j 17:25	0°♊		max. Earth dist.	463 Jun 06 j 12:17	15°♊38'08	1.01735 AU

	463 Jun 21 j 14:17	0°☾			468 Apr 18 j 23:23	0°♄		
	463 Jul 22 j 22:56	0°♌			468 May 20 j 07:18	0°♊		
	463 Aug 22 j 22:20	0°♍		max. Earth dist.	468 Jun 06 j 18:59	16°♊39'34	1.01735 AU	
	463 Sep 22 j 09:10	0°♋			468 Jun 20 j 19:07	0°☾		
	463 Oct 22 j 07:33	0°♎			468 Jul 22 j 03:48	0°♌		
	463 Nov 20 j 20:51	0°♊			468 Aug 22 j 03:19	0°♍		
min. Earth dist.	463 Dec 07 j 20:29	17°♊19'42	0.98267 AU		468 Sep 21 j 14:16	0°♋		
	463 Dec 20 j 06:39	0°♄			468 Oct 21 j 12:47	0°♎		
	464 Jan 18 j 19:20	0°♊			468 Nov 20 j 02:11	0°♊		
	464 Feb 17 j 16:36	0°♋		min. Earth dist.	468 Dec 07 j 18:41	18°♊02'43	0.98272 AU	
	464 Mar 19 j 02:07	0°♌			468 Dec 19 j 12:01	0°♄		
	464 Apr 19 j 00:20	0°♄			469 Jan 18 j 00:39	0°♊		
	464 May 20 j 08:15	0°♊			469 Feb 16 j 21:50	0°♋		
max. Earth dist.	464 Jun 07 j 04:53	17°♊00'55	1.01729 AU		469 Mar 19 j 07:13	0°♌		
	464 Jun 20 j 20:02	0°☾			469 Apr 19 j 05:20	0°♄		
	464 Jul 22 j 04:40	0°♌			469 May 20 j 13:12	0°♊		
	464 Aug 22 j 04:05	0°♍		max. Earth dist.	469 Jun 06 j 05:38	15°♊54'01	1.01729 AU	
	464 Sep 21 j 14:57	0°♋			469 Jun 21 j 00:59	0°☾		
	464 Oct 21 j 13:21	0°♎			469 Jul 22 j 09:40	0°♌		
	464 Nov 20 j 02:39	0°♊			469 Aug 22 j 09:11	0°♍		
min. Earth dist.	464 Dec 05 j 08:37	15°♊33'04	0.98266 AU		469 Sep 21 j 20:08	0°♋		
	464 Dec 19 j 12:24	0°♄			469 Oct 21 j 18:37	0°♎		
	465 Jan 18 j 01:02	0°♊			469 Nov 20 j 07:57	0°♊		
	465 Feb 16 j 22:15	0°♋		min. Earth dist.	469 Dec 06 j 07:55	16°♊19'06	0.98265 AU	
	465 Mar 19 j 07:42	0°♌			469 Dec 19 j 17:45	0°♄		
	465 Apr 19 j 05:53	0°♄			470 Jan 18 j 06:22	0°♊		
	465 May 20 j 13:49	0°♊			470 Feb 17 j 03:34	0°♋		
max. Earth dist.	465 Jun 07 j 16:47	17°♊15'49	1.01737 AU		470 Mar 19 j 12:58	0°♌		
	465 Jun 21 j 01:39	0°☾			470 Apr 19 j 11:06	0°♄		
	465 Jul 22 j 10:22	0°♌			470 May 20 j 18:59	0°♊		
	465 Aug 22 j 09:54	0°♍		max. Earth dist.	470 Jun 08 j 17:03	18°♊01'14	1.01733 AU	
	465 Sep 21 j 20:51	0°♋			470 Jun 21 j 06:47	0°☾		
	465 Oct 21 j 19:19	0°♎			470 Jul 22 j 15:31	0°♌		
	465 Nov 20 j 08:37	0°♊			470 Aug 22 j 15:04	0°♍		
min. Earth dist.	465 Dec 07 j 15:09	17°♊37'19	0.98267 AU		470 Sep 22 j 02:02	0°♋		
	465 Dec 19 j 18:20	0°♄			470 Oct 22 j 00:31	0°♎		
	466 Jan 18 j 06:55	0°♊			470 Nov 20 j 13:50	0°♊		
	466 Feb 17 j 04:06	0°♋		min. Earth dist.	470 Dec 06 j 07:10	16°♊02'07	0.98269 AU	
	466 Mar 19 j 13:33	0°♌			470 Dec 19 j 23:36	0°♄		
	466 Apr 19 j 11:46	0°♄			471 Jan 18 j 12:13	0°♊		
	466 May 20 j 19:43	0°♊			471 Feb 17 j 09:25	0°♋		
max. Earth dist.	466 Jun 06 j 02:16	15°♊30'22	1.01735 AU		471 Mar 19 j 18:52	0°♌		
	466 Jun 21 j 07:34	0°☾			471 Apr 19 j 17:03	0°♄		
	466 Jul 22 j 16:16	0°♌			471 May 21 j 00:58	0°♊		
	466 Aug 22 j 15:46	0°♍		max. Earth dist.	471 Jun 06 j 21:02	16°♊02'34	1.01733 AU	
	466 Sep 22 j 02:42	0°♋			471 Jun 21 j 12:44	0°☾		
	466 Oct 22 j 01:08	0°♎			471 Jul 22 j 21:24	0°♌		
	466 Nov 20 j 14:26	0°♊			471 Aug 22 j 20:54	0°♍		
min. Earth dist.	466 Dec 07 j 05:07	16°♊56'51	0.98261 AU		471 Sep 22 j 07:51	0°♋		
	466 Dec 20 j 00:10	0°♄			471 Oct 22 j 06:20	0°♎		
	467 Jan 18 j 12:45	0°♊			471 Nov 20 j 19:42	0°♊		
	467 Feb 17 j 09:56	0°♋		min. Earth dist.	471 Dec 08 j 05:30	17°♊45'39	0.98268 AU	
	467 Mar 19 j 19:23	0°♌			471 Dec 20 j 05:30	0°♄		
	467 Apr 19 j 17:36	0°♄			472 Jan 18 j 18:09	0°♊		
	467 May 21 j 01:33	0°♊			472 Feb 17 j 15:22	0°♋		
max. Earth dist.	467 Jun 08 j 17:15	17°♊46'06	1.01733 AU		472 Mar 19 j 00:49	0°♌		
	467 Jun 21 j 13:22	0°☾			472 Apr 18 j 22:59	0°♄		
	467 Jul 22 j 22:03	0°♌			472 May 20 j 06:52	0°♊		
	467 Aug 22 j 21:32	0°♍		max. Earth dist.	472 Jun 06 j 14:19	16°♊29'40	1.01726 AU	
	467 Sep 22 j 08:27	0°♋			472 Jun 20 j 18:36	0°☾		
	467 Oct 22 j 06:56	0°♎			472 Jul 22 j 03:13	0°♌		
	467 Nov 20 j 20:16	0°♊			472 Aug 22 j 02:41	0°♍		
min. Earth dist.	467 Dec 06 j 02:53	15°♊34'41	0.98269 AU		472 Sep 21 j 13:38	0°♋		
	467 Dec 20 j 06:03	0°♄			472 Oct 21 j 12:09	0°♎		
	468 Jan 18 j 18:40	0°♊			472 Nov 20 j 01:33	0°♊		
	468 Feb 17 j 15:50	0°♋		min. Earth dist.	472 Dec 05 j 17:37	15°♊58'49	0.98267 AU	
	468 Mar 19 j 01:14	0°♌			472 Dec 19 j 11:21	0°♄		

	473 Jan 17 j 23:57	0°≈			477 Nov 20 j 06:43	0°♊	
	473 Feb 16 j 21:06	0°♋		min. Earth dist.	477 Dec 06 j 17:43	16°♊47'23	0.98262 AU
	473 Mar 19 j 06:28	0°♌			477 Dec 19 j 16:27	0°♋	
	473 Apr 19 j 04:36	0°♍			478 Jan 18 j 05:00	0°≈	
	473 May 20 j 12:29	0°♎			478 Feb 17 j 02:07	0°♋	
max. Earth dist.	473 Jun 07 j 23:33	17°♎35'05	1.01734 AU		478 Mar 19 j 11:29	0°♌	
	473 Jun 21 j 00:17	0°♏			478 Apr 19 j 09:36	0°♍	
	473 Jul 22 j 08:59	0°♐		max. Earth dist.	478 May 20 j 17:29	0°♎	
	473 Aug 22 j 08:32	0°♑			478 Jun 08 j 17:06	18°♎04'55	1.01733 AU
	473 Sep 21 j 19:31	0°♒			478 Jun 21 j 05:18	0°♏	
	473 Oct 21 j 18:03	0°♓			478 Jul 22 j 14:02	0°♐	
	473 Nov 20 j 07:26	0°♊			478 Aug 22 j 13:37	0°♑	
min. Earth dist.	473 Dec 07 j 07:59	17°♊21'53	0.98271 AU		478 Sep 22 j 00:38	0°♒	
	473 Dec 19 j 17:14	0°♋			478 Oct 21 j 23:10	0°♓	
	474 Jan 18 j 05:49	0°≈			478 Nov 20 j 12:32	0°♊	
	474 Feb 17 j 02:58	0°♋		min. Earth dist.	478 Dec 06 j 04:31	15°♊58'39	0.98268 AU
	474 Mar 19 j 12:20	0°♌			478 Dec 19 j 22:17	0°♋	
	474 Apr 19 j 10:29	0°♍			479 Jan 18 j 10:49	0°≈	
	474 May 20 j 18:24	0°♎			479 Feb 17 j 07:55	0°♋	
max. Earth dist.	474 Jun 06 j 06:09	15°♎42'43	1.01735 AU		479 Mar 19 j 17:17	0°♌	
	474 Jun 21 j 06:15	0°♏			479 Apr 19 j 15:25	0°♍	
	474 Jul 22 j 14:58	0°♐			479 May 20 j 23:20	0°♎	
	474 Aug 22 j 14:28	0°♑		max. Earth dist.	479 Jun 07 j 04:39	16°♎24'27	1.01735 AU
	474 Sep 22 j 01:23	0°♒			479 Jun 21 j 11:08	0°♏	
	474 Oct 21 j 23:52	0°♓			479 Jul 22 j 19:51	0°♐	
	474 Nov 20 j 13:13	0°♊			479 Aug 22 j 19:23	0°♑	
min. Earth dist.	474 Dec 07 j 11:37	17°♊16'33	0.98266 AU		479 Sep 22 j 06:23	0°♒	
	474 Dec 19 j 23:00	0°♋			479 Oct 22 j 04:56	0°♓	
	475 Jan 18 j 11:38	0°≈			479 Nov 20 j 18:21	0°♊	
	475 Feb 17 j 08:49	0°♋		min. Earth dist.	479 Dec 08 j 12:24	18°♊06'41	0.98270 AU
	475 Mar 19 j 18:13	0°♌			479 Dec 20 j 04:10	0°♋	
	475 Apr 19 j 16:22	0°♍			480 Jan 18 j 16:46	0°≈	
	475 May 21 j 00:16	0°♎			480 Feb 17 j 13:54	0°♋	
max. Earth dist.	475 Jun 08 j 12:53	17°♎38'52	1.01731 AU		480 Mar 18 j 23:14	0°♌	
	475 Jun 21 j 12:04	0°♏			480 Apr 18 j 21:19	0°♍	
	475 Jul 22 j 20:46	0°♐			480 May 20 j 05:09	0°♎	
	475 Aug 22 j 20:16	0°♑		max. Earth dist.	480 Jun 06 j 05:36	16°♎13'01	1.01728 AU
	475 Sep 22 j 07:12	0°♒			480 Jun 20 j 16:56	0°♏	
	475 Oct 22 j 05:39	0°♓			480 Jul 22 j 01:37	0°♐	
	475 Nov 20 j 19:00	0°♊			480 Aug 22 j 01:08	0°♑	
min. Earth dist.	475 Dec 05 j 23:48	15°♊30'03	0.98268 AU		480 Sep 21 j 12:08	0°♒	
	475 Dec 20 j 04:47	0°♋			480 Oct 21 j 10:41	0°♓	
	476 Jan 18 j 17:25	0°≈			480 Nov 20 j 00:07	0°♊	
	476 Feb 17 j 14:36	0°♋		min. Earth dist.	480 Dec 06 j 00:11	16°♊19'15	0.98268 AU
	476 Mar 18 j 23:59	0°♌			480 Dec 19 j 09:56	0°♋	
	476 Apr 18 j 22:06	0°♍			481 Jan 17 j 22:31	0°≈	
	476 May 20 j 05:57	0°♎			481 Feb 16 j 19:37	0°♋	
max. Earth dist.	476 Jun 07 j 04:43	17°♎05'55	1.01734 AU		481 Mar 19 j 04:54	0°♌	
	476 Jun 20 j 17:44	0°♏			481 Apr 19 j 02:54	0°♍	
	476 Jul 22 j 02:27	0°♐			481 May 20 j 10:43	0°♎	
	476 Aug 22 j 02:00	0°♑		max. Earth dist.	481 Jun 08 j 09:30	18°♎02'59	1.01734 AU
	476 Sep 21 j 13:00	0°♒			481 Jun 20 j 22:31	0°♏	
	476 Oct 21 j 11:31	0°♓			481 Jul 22 j 07:17	0°♐	
	476 Nov 20 j 00:54	0°♊			481 Aug 22 j 06:54	0°♑	
min. Earth dist.	476 Dec 07 j 14:47	17°♊56'04	0.98270 AU		481 Sep 21 j 17:58	0°♒	
	476 Dec 19 j 10:41	0°♋			481 Oct 21 j 16:32	0°♓	
	477 Jan 17 j 23:17	0°≈			481 Nov 20 j 05:56	0°♊	
	477 Feb 16 j 20:28	0°♋		min. Earth dist.	481 Dec 06 j 17:29	16°♊48'35	0.98272 AU
	477 Mar 19 j 05:50	0°♌			481 Dec 19 j 15:44	0°♋	
	477 Apr 19 j 03:57	0°♍			482 Jan 18 j 04:19	0°≈	
	477 May 20 j 11:48	0°♎			482 Feb 17 j 01:26	0°♋	
max. Earth dist.	477 Jun 06 j 00:50	15°♎45'57	1.01730 AU		482 Mar 19 j 10:44	0°♌	
	477 Jun 20 j 23:34	0°♏			482 Apr 19 j 08:48	0°♍	
	477 Jul 22 j 08:17	0°♐			482 May 20 j 16:38	0°♎	
	477 Aug 22 j 07:51	0°♑		max. Earth dist.	482 Jun 06 j 14:40	16°♎07'14	1.01734 AU
	477 Sep 21 j 18:51	0°♒			482 Jun 21 j 04:27	0°♏	
	477 Oct 21 j 17:22	0°♓			482 Jul 22 j 13:12	0°♐	

	482 Aug 22 j 12:48	0°♎		max. Earth dist.	487 Jun 07 j 14:31	16°♊51'47	1.01735 AU
	482 Sep 21 j 23:49	0°♏			487 Jun 21 j 09:30	0°♏	
	482 Oct 21 j 22:22	0°♎			487 Jul 22 j 18:15	0°♏	
	482 Nov 20 j 11:44	0°♎			487 Aug 22 j 17:51	0°♎	
min. Earth dist.	482 Dec 07 j 19:01	17°♎39'15	0.98265 AU		487 Sep 22 j 04:53	0°♏	
	482 Dec 19 j 21:31	0°♏			487 Oct 22 j 03:26	0°♎	
	483 Jan 18 j 10:06	0°♎			487 Nov 20 j 16:50	0°♎	
	483 Feb 17 j 07:15	0°♎		min. Earth dist.	487 Dec 08 j 10:46	18°♎06'23	0.98270 AU
	483 Mar 19 j 16:37	0°♎			487 Dec 20 j 02:38	0°♏	
	483 Apr 19 j 14:42	0°♏			488 Jan 18 j 15:14	0°♎	
	483 May 20 j 22:32	0°♊			488 Feb 17 j 12:22	0°♎	
max. Earth dist.	483 Jun 08 j 03:52	17°♊21'39	1.01728 AU		488 Mar 18 j 21:42	0°♎	
	483 Jun 21 j 10:18	0°♏			488 Apr 18 j 19:45	0°♏	
	483 Jul 22 j 18:59	0°♏			488 May 20 j 03:35	0°♊	
	483 Aug 22 j 18:33	0°♎		max. Earth dist.	488 Jun 05 j 23:15	16°♊01'43	1.01729 AU
	483 Sep 22 j 05:34	0°♏			488 Jun 20 j 15:22	0°♏	
	483 Oct 22 j 04:07	0°♎			488 Jul 22 j 00:06	0°♏	
	483 Nov 20 j 17:31	0°♎			488 Aug 21 j 23:41	0°♎	
min. Earth dist.	483 Dec 06 j 05:58	15°♎49'34	0.98268 AU		488 Sep 21 j 10:44	0°♏	
	483 Dec 20 j 03:18	0°♏			488 Oct 21 j 09:19	0°♎	
	484 Jan 18 j 15:54	0°♎			488 Nov 19 j 22:43	0°♎	
	484 Feb 17 j 13:02	0°♎		min. Earth dist.	488 Dec 06 j 06:39	16°♎39'25	0.98263 AU
	484 Mar 18 j 22:21	0°♎			488 Dec 19 j 08:29	0°♏	
	484 Apr 18 j 20:25	0°♏			489 Jan 17 j 21:01	0°♎	
	484 May 20 j 04:13	0°♊			489 Feb 16 j 18:04	0°♎	
max. Earth dist.	484 Jun 07 j 12:21	17°♊28'13	1.01731 AU		489 Mar 19 j 03:20	0°♎	
	484 Jun 20 j 15:58	0°♏			489 Apr 19 j 01:22	0°♏	
	484 Jul 22 j 00:40	0°♏			489 May 20 j 09:10	0°♊	
	484 Aug 22 j 00:15	0°♎		max. Earth dist.	489 Jun 08 j 14:16	18°♊18'01	1.01734 AU
	484 Sep 21 j 11:19	0°♏			489 Jun 20 j 20:58	0°♏	
	484 Oct 21 j 09:56	0°♎			489 Jul 22 j 05:47	0°♏	
	484 Nov 19 j 23:23	0°♎			489 Aug 22 j 05:28	0°♎	
min. Earth dist.	484 Dec 07 j 13:40	17°♎56'56	0.98273 AU		489 Sep 21 j 16:37	0°♏	
	484 Dec 19 j 09:12	0°♏			489 Oct 21 j 15:15	0°♎	
	485 Jan 17 j 21:48	0°♎			489 Nov 20 j 04:39	0°♎	
	485 Feb 16 j 18:54	0°♎		min. Earth dist.	489 Dec 06 j 09:25	16°♎31'17	0.98268 AU
	485 Mar 19 j 04:13	0°♎			489 Dec 19 j 14:24	0°♏	
	485 Apr 19 j 02:16	0°♏			490 Jan 18 j 02:54	0°♎	
	485 May 20 j 10:06	0°♊			490 Feb 16 j 23:55	0°♎	
max. Earth dist.	485 Jun 05 j 23:25	15°♊46'37	1.01730 AU		490 Mar 19 j 09:11	0°♎	
	485 Jun 20 j 21:52	0°♏			490 Apr 19 j 07:14	0°♏	
	485 Jul 22 j 06:35	0°♏			490 May 20 j 15:06	0°♊	
	485 Aug 22 j 06:09	0°♎		max. Earth dist.	490 Jun 06 j 20:40	16°♊25'05	1.01737 AU
	485 Sep 21 j 17:12	0°♏			490 Jun 21 j 02:57	0°♏	
	485 Oct 21 j 15:46	0°♎			490 Jul 22 j 11:44	0°♏	
	485 Nov 20 j 05:11	0°♎			490 Aug 22 j 11:24	0°♎	
min. Earth dist.	485 Dec 07 j 02:58	17°♎14'53	0.98265 AU		490 Sep 21 j 22:31	0°♏	
	485 Dec 19 j 14:58	0°♏			490 Oct 21 j 21:09	0°♎	
	486 Jan 18 j 03:32	0°♎			490 Nov 20 j 10:34	0°♎	
	486 Feb 17 j 00:37	0°♎		min. Earth dist.	490 Dec 08 j 04:50	18°♎07'19	0.98264 AU
	486 Mar 19 j 09:55	0°♎			490 Dec 19 j 20:20	0°♏	
	486 Apr 19 j 07:59	0°♏			491 Jan 18 j 08:50	0°♎	
	486 May 20 j 15:50	0°♊			491 Feb 17 j 05:53	0°♎	
max. Earth dist.	486 Jun 08 j 15:04	18°♊04'05	1.01732 AU		491 Mar 19 j 15:08	0°♎	
	486 Jun 21 j 03:39	0°♏			491 Apr 19 j 13:11	0°♏	
	486 Jul 22 j 12:24	0°♏			491 May 20 j 21:01	0°♊	
	486 Aug 22 j 12:00	0°♎		max. Earth dist.	491 Jun 07 j 14:16	16°♊52'54	1.01731 AU
	486 Sep 21 j 23:01	0°♏			491 Jun 21 j 08:50	0°♏	
	486 Oct 21 j 21:34	0°♎			491 Jul 22 j 17:35	0°♏	
	486 Nov 20 j 10:57	0°♎			491 Aug 22 j 17:12	0°♎	
min. Earth dist.	486 Dec 05 j 21:58	15°♎45'52	0.98269 AU		491 Sep 22 j 04:18	0°♏	
	486 Dec 19 j 20:44	0°♏			491 Oct 22 j 02:56	0°♎	
	487 Jan 18 j 09:18	0°♎			491 Nov 20 j 16:24	0°♎	
	487 Feb 17 j 06:25	0°♎		min. Earth dist.	491 Dec 06 j 14:25	16°♎14'00	0.98268 AU
	487 Mar 19 j 15:44	0°♎			491 Dec 20 j 02:12	0°♏	
	487 Apr 19 j 13:49	0°♏			492 Jan 18 j 14:46	0°♎	
	487 May 20 j 21:41	0°♊			492 Feb 17 j 11:48	0°♎	

	492 Mar 18 j 21:00	0°Υ		496 Dec 19 j 07:19	0°Ξ	
	492 Apr 18 j 18:57	0°Ϡ		497 Jan 17 j 19:51	0°≈	
	492 May 20 j 02:43	0°Π		497 Feb 16 j 16:52	0°Ϡ	
max. Earth dist.	492 Jun 07 j 22:43	17°Π56'28	1.01733 AU	497 Mar 19 j 02:04	0°Υ	
	492 Jun 20 j 14:29	0°Ϡ		497 Apr 19 j 00:02	0°Ϡ	
	492 Jul 21 j 23:15	0°Ω		497 May 20 j 07:47	0°Π	
	492 Aug 21 j 22:55	0°Ϡ		497 Jun 08 j 14:44	18°Π22'29	1.01731 AU
	492 Sep 21 j 10:03	0°Ϡ		497 Jun 20 j 19:33	0°Ϡ	
	492 Oct 21 j 08:44	0°Ϡ		497 Jul 22 j 04:19	0°Ω	
min. Earth dist.	492 Nov 19 j 22:15	0°Ϡ		497 Aug 22 j 03:58	0°Ϡ	
	492 Dec 07 j 06:56	17°Ϡ42'32	0.98275 AU	497 Sep 21 j 15:07	0°Ϡ	
	492 Dec 19 j 08:06	0°Ξ		497 Oct 21 j 13:47	0°Ϡ	
	493 Jan 17 j 20:41	0°≈		497 Nov 20 j 03:15	0°Ϡ	
	493 Feb 16 j 17:44	0°Ϡ		497 Dec 06 j 01:10	16°Ϡ13'39	0.98272 AU
	493 Mar 19 j 02:56	0°Υ		497 Dec 19 j 13:04	0°Ξ	
	493 Apr 19 j 00:53	0°Ϡ		498 Jan 18 j 01:36	0°≈	
	493 May 20 j 08:37	0°Π		498 Feb 16 j 22:37	0°Ϡ	
max. Earth dist.	493 Jun 06 j 07:39	16°Π09'43	1.01730 AU	498 Mar 19 j 07:49	0°Υ	
	493 Jun 20 j 20:23	0°Ϡ		498 Apr 19 j 05:48	0°Ϡ	
	493 Jul 22 j 05:10	0°Ω		498 May 20 j 13:37	0°Π	
	493 Aug 22 j 04:50	0°Ϡ		498 Jun 07 j 03:46	16°Π45'29	1.01736 AU
	493 Sep 21 j 15:59	0°Ϡ		498 Jun 21 j 01:27	0°Ϡ	
	493 Oct 21 j 14:37	0°Ϡ		498 Jul 22 j 10:15	0°Ω	
min. Earth dist.	493 Nov 20 j 04:04	0°Ϡ		498 Aug 22 j 09:54	0°Ϡ	
	493 Dec 07 j 11:21	17°Ϡ39'07	0.98267 AU	498 Sep 21 j 21:00	0°Ϡ	
	493 Dec 19 j 13:53	0°Ξ		498 Oct 21 j 19:36	0°Ϡ	
	494 Jan 18 j 02:27	0°≈		498 Nov 20 j 09:02	0°Ϡ	
	494 Feb 16 j 23:30	0°Ϡ		498 Dec 08 j 05:57	18°Ϡ14'02	0.98268 AU
	494 Mar 19 j 08:44	0°Υ		498 Dec 19 j 18:49	0°Ξ	
	494 Apr 19 j 06:42	0°Ϡ		499 Jan 18 j 07:23	0°≈	
	494 May 20 j 14:27	0°Π		499 Feb 17 j 04:26	0°Ϡ	
max. Earth dist.	494 Jun 08 j 14:40	18°Π06'34	1.01728 AU	499 Mar 19 j 13:41	0°Υ	
	494 Jun 21 j 02:12	0°Ϡ		499 Apr 19 j 11:41	0°Ϡ	
	494 Jul 22 j 10:58	0°Ω		499 May 20 j 19:30	0°Π	
	494 Aug 22 j 10:38	0°Ϡ		499 Jun 07 j 01:27	16°Π26'06	1.01730 AU
	494 Sep 21 j 21:46	0°Ϡ		499 Jun 21 j 07:17	0°Ϡ	
	494 Oct 21 j 20:25	0°Ϡ		499 Jul 22 j 16:04	0°Ω	
min. Earth dist.	494 Nov 20 j 09:51	0°Ϡ		499 Aug 22 j 15:42	0°Ϡ	
	494 Dec 05 j 23:34	15°Ϡ52'46	0.98269 AU	499 Sep 22 j 02:47	0°Ϡ	
	494 Dec 19 j 19:39	0°Ξ		499 Oct 22 j 01:24	0°Ϡ	
	495 Jan 18 j 08:12	0°≈		499 Nov 20 j 14:49	0°Ϡ	
	495 Feb 17 j 05:16	0°Ϡ		499 Dec 06 j 17:09	16°Ϡ25'05	0.98266 AU
	495 Mar 19 j 14:32	0°Υ		499 Dec 20 j 00:36	0°Ξ	
	495 Apr 19 j 12:32	0°Ϡ		500 Jan 18 j 13:09	0°≈	
	495 May 20 j 20:19	0°Π		500 Feb 17 j 10:12	0°Ϡ	
max. Earth dist.	495 Jun 08 j 00:39	17°Π19'15	1.01731 AU	500 Mar 18 j 19:25	0°Υ	
	495 Jun 21 j 08:03	0°Ϡ		500 Apr 18 j 17:21	0°Ϡ	
	495 Jul 22 j 16:46	0°Ω		500 May 20 j 01:05	0°Π	
	495 Aug 22 j 16:24	0°Ϡ		500 Jun 08 j 05:04	18°Π15'27	1.01732 AU
	495 Sep 22 j 03:32	0°Ϡ		500 Jun 20 j 12:51	0°Ϡ	
	495 Oct 22 j 02:11	0°Ϡ		500 Jul 21 j 21:38	0°Ω	
min. Earth dist.	495 Nov 20 j 15:40	0°Ϡ		500 Aug 21 j 21:21	0°Ϡ	
	495 Dec 08 j 12:33	18°Ϡ13'49	0.98273 AU	500 Sep 21 j 08:31	0°Ϡ	
	495 Dec 20 j 01:30	0°Ξ		500 Oct 21 j 07:12	0°Ϡ	
	496 Jan 18 j 14:04	0°≈		500 Nov 19 j 20:40	0°Ϡ	
	496 Feb 17 j 11:10	0°Ϡ		500 Dec 06 j 15:49	17°Ϡ08'01	0.98271 AU
	496 Mar 18 j 20:26	0°Υ		500 Dec 19 j 06:27	0°Ξ	
	496 Apr 18 j 18:27	0°Ϡ		501 Jan 17 j 18:58	0°≈	
	496 May 20 j 02:13	0°Π		501 Feb 16 j 15:58	0°Ϡ	
max. Earth dist.	496 Jun 05 j 17:48	15°Π52'03	1.01726 AU	501 Mar 19 j 01:10	0°Υ	
	496 Jun 20 j 13:57	0°Ϡ		501 Apr 18 j 23:07	0°Ϡ	
	496 Jul 21 j 22:38	0°Ω		501 May 20 j 06:53	0°Π	
	496 Aug 21 j 22:13	0°Ϡ		501 Jun 06 j 11:50	16°Π23'48	1.01733 AU
	496 Sep 21 j 09:19	0°Ϡ		501 Jun 20 j 18:40	0°Ϡ	
	496 Oct 21 j 07:59	0°Ϡ		501 Jul 22 j 03:29	0°Ω	
min. Earth dist.	496 Nov 19 j 21:29	0°Ϡ		501 Aug 22 j 03:14	0°Ϡ	
	496 Dec 06 j 16:50	17°Ϡ08'31	0.98268 AU	501 Sep 21 j 14:26	0°Ϡ	

	501 Oct 21 j 13:07	0°♌			506 Jul 22 j 08:29	0°♏		
	501 Nov 20 j 02:33	0°♍			506 Aug 22 j 08:15	0°♎		
min. Earth dist.	501 Dec 07 j 19:51	18°♍04'50	0.98262 AU		506 Sep 21 j 19:29	0°♎		
	501 Dec 19 j 12:17	0°♎			506 Oct 21 j 18:12	0°♌		
	502 Jan 18 j 00:45	0°♎			506 Nov 20 j 07:42	0°♍		
	502 Feb 16 j 21:43	0°♋		min. Earth dist.	506 Dec 08 j 10:42	18°♍29'28	0.98270 AU	
	502 Mar 19 j 06:54	0°♑			506 Dec 19 j 17:30	0°♎		
	502 Apr 19 j 04:52	0°♐			507 Jan 18 j 06:02	0°♎		
	502 May 20 j 12:39	0°♐			507 Feb 17 j 03:03	0°♋		
max. Earth dist.	502 Jun 08 j 03:16	17°♐43'43	1.01731 AU		507 Mar 19 j 12:15	0°♑		
	502 Jun 21 j 00:27	0°♏			507 Apr 19 j 10:11	0°♐		
	502 Jul 22 j 09:16	0°♏			507 May 20 j 17:55	0°♐		
	502 Aug 22 j 09:00	0°♎		max. Earth dist.	507 Jun 06 j 18:49	16°♐14'12	1.01727 AU	
	502 Sep 21 j 20:12	0°♎			507 Jun 21 j 05:40	0°♏		
	502 Oct 21 j 18:54	0°♌			507 Jul 22 j 14:25	0°♏		
	502 Nov 20 j 08:22	0°♍			507 Aug 22 j 14:07	0°♎		
min. Earth dist.	502 Dec 06 j 06:06	16°♍13'16	0.98265 AU		507 Sep 22 j 01:19	0°♎		
	502 Dec 19 j 18:07	0°♎			507 Oct 22 j 00:03	0°♌		
	503 Jan 18 j 06:35	0°♎			507 Nov 20 j 13:35	0°♍		
	503 Feb 17 j 03:32	0°♋		min. Earth dist.	507 Dec 07 j 03:58	16°♍55'48	0.98268 AU	
	503 Mar 19 j 12:41	0°♑			507 Dec 19 j 23:24	0°♎		
	503 Apr 19 j 10:38	0°♐			508 Jan 18 j 11:56	0°♎		
	503 May 20 j 18:25	0°♐			508 Feb 17 j 08:55	0°♋		
max. Earth dist.	503 Jun 08 j 09:59	17°♐45'53	1.01734 AU		508 Mar 18 j 18:04	0°♑		
	503 Jun 21 j 06:12	0°♏			508 Apr 18 j 15:57	0°♐		
	503 Jul 22 j 15:00	0°♏			508 May 19 j 23:37	0°♐		
	503 Aug 22 j 14:42	0°♎		max. Earth dist.	508 Jun 08 j 09:29	18°♐29'31	1.01728 AU	
	503 Sep 22 j 01:54	0°♎			508 Jun 20 j 11:20	0°♏		
	503 Oct 22 j 00:38	0°♌			508 Jul 21 j 20:05	0°♏		
	503 Nov 20 j 14:09	0°♍			508 Aug 21 j 19:48	0°♎		
min. Earth dist.	503 Dec 08 j 11:30	18°♍14'53	0.98273 AU		508 Sep 21 j 07:03	0°♎		
	503 Dec 19 j 23:59	0°♎			508 Oct 21 j 05:50	0°♌		
	504 Jan 18 j 12:31	0°♎			508 Nov 19 j 19:24	0°♍		
	504 Feb 17 j 09:30	0°♋		min. Earth dist.	508 Dec 06 j 07:40	16°♍50'14	0.98275 AU	
	504 Mar 18 j 18:39	0°♑			508 Dec 19 j 05:16	0°♎		
	504 Apr 18 j 16:33	0°♐			509 Jan 17 j 17:48	0°♎		
	504 May 20 j 00:18	0°♐			509 Feb 16 j 14:46	0°♋		
max. Earth dist.	504 Jun 05 j 21:48	16°♐06'07	1.01730 AU		509 Mar 18 j 23:53	0°♑		
	504 Jun 20 j 12:04	0°♏			509 Apr 18 j 21:47	0°♐		
	504 Jul 21 j 20:52	0°♏			509 May 20 j 05:30	0°♐		
	504 Aug 21 j 20:34	0°♎		max. Earth dist.	509 Jun 06 j 17:54	16°♐41'30	1.01732 AU	
	504 Sep 21 j 07:45	0°♎			509 Jun 20 j 17:16	0°♏		
	504 Oct 21 j 06:29	0°♌			509 Jul 22 j 02:04	0°♏		
	504 Nov 19 j 20:02	0°♍			509 Aug 22 j 01:48	0°♎		
min. Earth dist.	504 Dec 07 j 02:42	17°♍37'26	0.98268 AU		509 Sep 21 j 13:01	0°♎		
	504 Dec 19 j 05:52	0°♎			509 Oct 21 j 11:45	0°♌		
	505 Jan 17 j 18:24	0°♎			509 Nov 20 j 01:17	0°♍		
	505 Feb 16 j 15:20	0°♋		min. Earth dist.	509 Dec 08 j 01:37	18°♍22'40	0.98268 AU	
	505 Mar 19 j 00:26	0°♑			509 Dec 19 j 11:06	0°♎		
	505 Apr 18 j 22:17	0°♐			510 Jan 17 j 23:37	0°♎		
	505 May 20 j 05:58	0°♐			510 Feb 16 j 20:35	0°♋		
max. Earth dist.	505 Jun 08 j 19:37	18°♐38'32	1.01729 AU		510 Mar 19 j 05:43	0°♑		
	505 Jun 20 j 17:43	0°♏			510 Apr 19 j 03:37	0°♐		
	505 Jul 22 j 02:33	0°♏			510 May 20 j 11:22	0°♐		
	505 Aug 22 j 02:20	0°♎		max. Earth dist.	510 Jun 07 j 13:57	17°♐15'12	1.01729 AU	
	505 Sep 21 j 13:35	0°♎			510 Jun 20 j 23:09	0°♏		
	505 Oct 21 j 12:19	0°♌			510 Jul 22 j 07:58	0°♏		
	505 Nov 20 j 01:50	0°♍			510 Aug 22 j 07:41	0°♎		
min. Earth dist.	505 Dec 05 j 22:34	16°♍10'35	0.98271 AU		510 Sep 21 j 18:53	0°♎		
	505 Dec 19 j 11:39	0°♎			510 Oct 21 j 17:35	0°♌		
	506 Jan 18 j 00:10	0°♎			510 Nov 20 j 07:04	0°♍		
	506 Feb 16 j 21:08	0°♋		min. Earth dist.	510 Dec 06 j 07:40	16°♍20'33	0.98268 AU	
	506 Mar 19 j 06:16	0°♑			510 Dec 19 j 16:53	0°♎		
	506 Apr 19 j 04:09	0°♐			511 Jan 18 j 05:24	0°♎		
	506 May 20 j 11:53	0°♐			511 Feb 17 j 02:23	0°♋		
max. Earth dist.	506 Jun 07 j 15:23	17°♐17'18	1.01734 AU		511 Mar 19 j 11:32	0°♑		
	506 Jun 20 j 23:40	0°♏			511 Apr 19 j 09:26	0°♐		

	511 May 20 j 17:09	0°II			516 Feb 17 j 07:33	0°X		
max. Earth dist.	511 Jun 08 j 18:04	18°II08'09	1.01733 AU		516 Mar 18 j 16:35	0°Y		
	511 Jun 21 j 04:56	0°S			516 Apr 18 j 14:22	0°B		
	511 Jul 22 j 13:44	0°Q			516 May 19 j 22:00	0°II		
	511 Aug 22 j 13:27	0°P		max. Earth dist.	516 Jun 08 j 15:49	18°II48'27	1.01730 AU	
	511 Sep 22 j 00:40	0°A			516 Jun 20 j 09:44	0°S		
	511 Oct 21 j 23:22	0°M			516 Jul 21 j 18:34	0°Q		
min. Earth dist.	511 Nov 20 j 12:53	0°J			516 Aug 21 j 18:22	0°P		
	511 Dec 07 j 21:37	17°J42'43	0.98273 AU		516 Sep 21 j 05:41	0°A		
	511 Dec 19 j 22:42	0°Z			516 Oct 21 j 04:29	0°M		
	512 Jan 18 j 11:14	0°W		min. Earth dist.	516 Nov 19 j 18:05	0°J		
	512 Feb 17 j 08:15	0°X			516 Dec 05 j 23:35	16°J32'56	0.98274 AU	
	512 Mar 18 j 17:25	0°Y			516 Dec 19 j 03:56	0°Z		
	512 Apr 18 j 15:19	0°B			517 Jan 17 j 16:27	0°W		
	512 May 19 j 23:03	0°II			517 Feb 16 j 13:21	0°X		
max. Earth dist.	512 Jun 06 j 00:04	16°II14'31	1.01730 AU		517 Mar 18 j 22:22	0°Y		
	512 Jun 20 j 10:48	0°S			517 Apr 18 j 20:09	0°B		
	512 Jul 21 j 19:37	0°Q			517 May 20 j 03:48	0°II		
	512 Aug 21 j 19:22	0°P		max. Earth dist.	517 Jun 07 j 05:40	17°II13'33	1.01732 AU	
	512 Sep 21 j 06:35	0°A			517 Jun 20 j 15:33	0°S		
	512 Oct 21 j 05:20	0°M			517 Jul 22 j 00:25	0°Q		
min. Earth dist.	512 Nov 19 j 18:50	0°J			517 Aug 22 j 00:16	0°P		
	512 Dec 07 j 09:57	17°J59'07	0.98265 AU		517 Sep 21 j 11:36	0°A		
	512 Dec 19 j 04:37	0°Z			517 Oct 21 j 10:23	0°M		
	513 Jan 17 j 17:05	0°W			517 Nov 19 j 23:55	0°J		
	513 Feb 16 j 14:00	0°X		min. Earth dist.	517 Dec 08 j 06:43	18°J39'11	0.98268 AU	
	513 Mar 18 j 23:06	0°Y			517 Dec 19 j 09:43	0°Z		
	513 Apr 18 j 20:58	0°B			518 Jan 17 j 22:11	0°W		
	513 May 20 j 04:41	0°II			518 Feb 16 j 19:06	0°X		
max. Earth dist.	513 Jun 08 j 12:44	18°II25'14	1.01730 AU		518 Mar 19 j 04:10	0°Y		
	513 Jun 20 j 16:26	0°S			518 Apr 19 j 01:59	0°B		
	513 Jul 22 j 01:17	0°Q			518 May 20 j 09:39	0°II		
	513 Aug 22 j 01:06	0°P		max. Earth dist.	518 Jun 07 j 05:11	16°II58'31	1.01728 AU	
	513 Sep 21 j 12:24	0°A			518 Jun 20 j 21:24	0°S		
	513 Oct 21 j 11:10	0°M			518 Jul 22 j 06:14	0°Q		
	513 Nov 20 j 00:41	0°J			518 Aug 22 j 06:03	0°P		
min. Earth dist.	513 Dec 05 j 23:41	16°J16'28	0.98266 AU		518 Sep 21 j 17:22	0°A		
	513 Dec 19 j 10:26	0°Z			518 Oct 21 j 16:09	0°M		
	514 Jan 17 j 22:52	0°W			518 Nov 20 j 05:41	0°J		
	514 Feb 16 j 19:45	0°X		min. Earth dist.	518 Dec 06 j 16:49	16°J47'29	0.98266 AU	
	514 Mar 19 j 04:50	0°Y			518 Dec 19 j 15:28	0°Z		
	514 Apr 19 j 02:43	0°B			519 Jan 18 j 03:56	0°W		
	514 May 20 j 10:28	0°II			519 Feb 17 j 00:51	0°X		
max. Earth dist.	514 Jun 07 j 22:54	17°II38'27	1.01737 AU		519 Mar 19 j 09:56	0°Y		
	514 Jun 20 j 22:18	0°S			519 Apr 19 j 07:45	0°B		
	514 Jul 22 j 07:09	0°Q			519 May 20 j 15:25	0°II		
	514 Aug 22 j 06:57	0°P		max. Earth dist.	519 Jun 09 j 01:20	18°II29'39	1.01730 AU	
	514 Sep 21 j 18:14	0°A			519 Jun 21 j 03:07	0°S		
	514 Oct 21 j 17:00	0°M			519 Jul 22 j 11:55	0°Q		
min. Earth dist.	514 Nov 20 j 06:31	0°J			519 Aug 22 j 11:42	0°P		
	514 Dec 08 j 13:08	18°J38'43	0.98269 AU		519 Sep 21 j 23:00	0°A		
	514 Dec 19 j 16:18	0°Z			519 Oct 21 j 21:50	0°M		
	515 Jan 18 j 04:45	0°W			519 Nov 20 j 11:26	0°J		
	515 Feb 17 j 01:39	0°X		min. Earth dist.	519 Dec 07 j 17:00	17°J34'29	0.98275 AU	
	515 Mar 19 j 10:45	0°Y			519 Dec 19 j 21:16	0°Z		
	515 Apr 19 j 08:39	0°B			520 Jan 18 j 09:46	0°W		
	515 May 20 j 16:23	0°II			520 Feb 17 j 06:41	0°X		
max. Earth dist.	515 Jun 06 j 15:44	16°II10'27	1.01731 AU		520 Mar 18 j 15:46	0°Y		
	515 Jun 21 j 04:12	0°S			520 Apr 18 j 13:36	0°B		
	515 Jul 22 j 13:02	0°Q			520 May 19 j 21:16	0°II		
	515 Aug 22 j 12:47	0°P		max. Earth dist.	520 Jun 06 j 05:06	16°II30'45	1.01729 AU	
	515 Sep 22 j 00:01	0°A			520 Jun 20 j 08:59	0°S		
	515 Oct 21 j 22:48	0°M			520 Jul 21 j 17:47	0°Q		
min. Earth dist.	515 Nov 20 j 12:21	0°J			520 Aug 21 j 17:33	0°P		
	515 Dec 07 j 13:25	17°J23'08	0.98267 AU		520 Sep 21 j 04:51	0°A		
	515 Dec 19 j 22:11	0°Z			520 Oct 21 j 03:42	0°M		
	516 Jan 18 j 10:40	0°W			520 Nov 19 j 17:18	0°J		

min. Earth dist.	520 Dec 07 j 20:21	18°♌29'31	0.98269 AU		525 Sep 21 j 10:07	0°♊	
	520 Dec 19 j 03:08	0°♊			525 Oct 21 j 08:59	0°♌	
	521 Jan 17 j 15:36	0°♌			525 Nov 19 j 22:32	0°♌	
	521 Feb 16 j 12:27	0°♌		min. Earth dist.	525 Dec 08 j 12:09	18°♌56'35	0.98266 AU
	521 Mar 18 j 21:28	0°♌			525 Dec 19 j 08:19	0°♊	
	521 Apr 18 j 19:15	0°♌			526 Jan 17 j 20:43	0°♌	
	521 May 20 j 02:54	0°♌			526 Feb 16 j 17:33	0°♌	
max. Earth dist.	521 Jun 08 j 03:35	18°♌07'47	1.01728 AU		526 Mar 19 j 02:34	0°♌	
	521 Jun 20 j 14:39	0°♊			526 Apr 19 j 00:23	0°♌	
	521 Jul 21 j 23:30	0°♊			526 May 20 j 08:04	0°♌	
	521 Aug 21 j 23:19	0°♌		max. Earth dist.	526 Jun 06 j 18:09	16°♌36'02	1.01731 AU
	521 Sep 21 j 10:38	0°♊			526 Jun 20 j 19:52	0°♊	
	521 Oct 21 j 09:28	0°♌			526 Jul 22 j 04:44	0°♊	
	521 Nov 19 j 23:03	0°♌			526 Aug 22 j 04:36	0°♌	
min. Earth dist.	521 Dec 06 j 01:43	16°♌25'42	0.98270 AU		526 Sep 21 j 15:59	0°♊	
	521 Dec 19 j 08:53	0°♊			526 Oct 21 j 14:51	0°♌	
	522 Jan 17 j 21:21	0°♌			526 Nov 20 j 04:26	0°♌	
	522 Feb 16 j 18:13	0°♌		min. Earth dist.	526 Dec 07 j 02:55	17°♌16'29	0.98265 AU
	522 Mar 19 j 03:13	0°♌			526 Dec 19 j 14:14	0°♊	
	522 Apr 19 j 01:01	0°♌			527 Jan 18 j 02:39	0°♌	
	522 May 20 j 08:42	0°♌			527 Feb 16 j 23:29	0°♌	
max. Earth dist.	522 Jun 08 j 08:39	18°♌05'50	1.01735 AU		527 Mar 19 j 08:28	0°♌	
	522 Jun 20 j 20:31	0°♊			527 Apr 19 j 06:14	0°♌	
	522 Jul 22 j 05:23	0°♊			527 May 20 j 13:53	0°♌	
	522 Aug 22 j 05:12	0°♌		max. Earth dist.	527 Jun 09 j 07:10	18°♌47'11	1.01731 AU
	522 Sep 21 j 16:30	0°♊			527 Jun 21 j 01:37	0°♊	
	522 Oct 21 j 15:17	0°♌			527 Jul 22 j 10:28	0°♊	
	522 Nov 20 j 04:50	0°♌			527 Aug 22 j 10:18	0°♌	
min. Earth dist.	522 Dec 08 j 05:30	18°♌23'25	0.98272 AU		527 Sep 21 j 21:40	0°♊	
	522 Dec 19 j 14:39	0°♊			527 Oct 21 j 20:33	0°♌	
	523 Jan 18 j 03:09	0°♌			527 Nov 20 j 10:12	0°♌	
	523 Feb 17 j 00:04	0°♌		min. Earth dist.	527 Dec 07 j 06:43	17°♌11'17	0.98276 AU
	523 Mar 19 j 09:08	0°♌			527 Dec 19 j 20:05	0°♊	
	523 Apr 19 j 06:58	0°♌			528 Jan 18 j 08:34	0°♌	
	523 May 20 j 14:40	0°♌			528 Feb 17 j 05:25	0°♌	
max. Earth dist.	523 Jun 06 j 16:50	16°♌17'13	1.01731 AU		528 Mar 18 j 14:24	0°♌	
	523 Jun 21 j 02:27	0°♊			528 Apr 18 j 12:09	0°♌	
	523 Jul 22 j 11:19	0°♊			528 May 19 j 19:46	0°♌	
	523 Aug 22 j 11:07	0°♌		max. Earth dist.	528 Jun 06 j 15:20	16°♌58'37	1.01731 AU
	523 Sep 21 j 22:25	0°♊			528 Jun 20 j 07:31	0°♊	
	523 Oct 21 j 21:12	0°♌			528 Jul 21 j 16:24	0°♊	
	523 Nov 20 j 10:44	0°♌			528 Aug 21 j 16:15	0°♌	
min. Earth dist.	523 Dec 07 j 19:43	17°♌43'20	0.98267 AU		528 Sep 21 j 03:38	0°♊	
	523 Dec 19 j 20:34	0°♊			528 Oct 21 j 02:30	0°♌	
	524 Jan 18 j 09:03	0°♌			528 Nov 19 j 16:08	0°♌	
	524 Feb 17 j 05:57	0°♌		min. Earth dist.	528 Dec 08 j 02:01	18°♌46'54	0.98270 AU
	524 Mar 18 j 14:59	0°♌			528 Dec 19 j 02:00	0°♊	
	524 Apr 18 j 12:44	0°♌			529 Jan 17 j 14:28	0°♌	
	524 May 19 j 20:21	0°♌			529 Feb 16 j 11:18	0°♌	
max. Earth dist.	524 Jun 08 j 16:15	18°♌53'28	1.01728 AU		529 Mar 18 j 20:15	0°♌	
	524 Jun 20 j 08:04	0°♊			529 Apr 18 j 17:57	0°♌	
	524 Jul 21 j 16:55	0°♊			529 May 20 j 01:32	0°♌	
	524 Aug 21 j 16:47	0°♌		max. Earth dist.	529 Jun 07 j 21:23	17°♌56'22	1.01727 AU
	524 Sep 21 j 04:09	0°♊			529 Jun 20 j 13:16	0°♊	
	524 Oct 21 j 03:00	0°♌			529 Jul 21 j 22:10	0°♊	
	524 Nov 19 j 16:35	0°♌			529 Aug 21 j 22:04	0°♌	
min. Earth dist.	524 Dec 05 j 19:41	16°♌26'49	0.98271 AU		529 Sep 21 j 09:29	0°♊	
	524 Dec 19 j 02:24	0°♊			529 Oct 21 j 08:22	0°♌	
	525 Jan 17 j 14:52	0°♌			529 Nov 19 j 21:58	0°♌	
	525 Feb 16 j 11:43	0°♌		min. Earth dist.	529 Dec 06 j 06:13	16°♌39'59	0.98269 AU
	525 Mar 18 j 20:44	0°♌			529 Dec 19 j 07:48	0°♊	
	525 Apr 18 j 18:30	0°♌			530 Jan 17 j 20:15	0°♌	
	525 May 20 j 02:09	0°♌			530 Feb 16 j 17:05	0°♌	
max. Earth dist.	525 Jun 07 j 13:02	17°♌34'55	1.01733 AU		530 Mar 19 j 02:04	0°♌	
	525 Jun 20 j 13:55	0°♊			530 Apr 18 j 23:47	0°♌	
	525 Jul 21 j 22:49	0°♊			530 May 20 j 07:24	0°♌	
	525 Aug 21 j 22:43	0°♌		max. Earth dist.	530 Jun 08 j 18:39	18°♌32'48	1.01732 AU

	530 Jun 20 j 19:09	0°☾			535 Apr 19 j 04:47	0°♄		
	530 Jul 22 j 04:02	0°♈			535 May 20 j 12:22	0°♊		
	530 Aug 22 j 03:55	0°♎		max. Earth dist.	535 Jun 09 j 11:31	19°♊01'09	1.01730 AU	
	530 Sep 21 j 15:18	0°♊			535 Jun 21 j 00:06	0°☾		
	530 Oct 21 j 14:11	0°♌			535 Jul 22 j 08:58	0°♈		
	530 Nov 20 j 03:46	0°♊			535 Aug 22 j 08:51	0°♎		
min. Earth dist.	530 Dec 08 j 00:01	18°♊12'04	0.98273 AU		535 Sep 21 j 20:14	0°♊		
	530 Dec 19 j 13:35	0°♄			535 Oct 21 j 19:07	0°♌		
	531 Jan 18 j 02:02	0°♌			535 Nov 20 j 08:43	0°♊		
	531 Feb 16 j 22:55	0°♋		min. Earth dist.	535 Dec 06 j 18:29	16°♊43'52	0.98272 AU	
	531 Mar 19 j 07:57	0°♎			535 Dec 19 j 18:32	0°♄		
	531 Apr 19 j 05:45	0°♄			536 Jan 18 j 06:59	0°♌		
	531 May 20 j 13:24	0°♊			536 Feb 17 j 03:50	0°♋		
max. Earth dist.	531 Jun 06 j 18:47	16°♊24'57	1.01729 AU		536 Mar 18 j 12:47	0°♎		
	531 Jun 21 j 01:08	0°☾			536 Apr 18 j 10:31	0°♄		
	531 Jul 22 j 09:59	0°♈			536 May 19 j 18:07	0°♊		
	531 Aug 22 j 09:49	0°♎		max. Earth dist.	536 Jun 06 j 23:23	17°♊21'40	1.01732 AU	
	531 Sep 21 j 21:11	0°♊			536 Jun 20 j 05:52	0°☾		
	531 Oct 21 j 20:04	0°♌			536 Jul 21 j 14:46	0°♈		
	531 Nov 20 j 09:41	0°♊			536 Aug 21 j 14:41	0°♎		
min. Earth dist.	531 Dec 08 j 07:12	18°♊15'21	0.98269 AU		536 Sep 21 j 02:08	0°♊		
	531 Dec 19 j 19:31	0°♄			536 Oct 21 j 01:03	0°♌		
	532 Jan 18 j 07:59	0°♌			536 Nov 19 j 14:39	0°♊		
	532 Feb 17 j 04:49	0°♋		min. Earth dist.	536 Dec 08 j 07:17	19°♊04'13	0.98267 AU	
	532 Mar 18 j 13:47	0°♎			536 Dec 19 j 00:27	0°♄		
	532 Apr 18 j 11:30	0°♄			537 Jan 17 j 12:50	0°♌		
	532 May 19 j 19:05	0°♊			537 Feb 16 j 09:36	0°♋		
max. Earth dist.	532 Jun 08 j 10:19	18°♊42'27	1.01725 AU		537 Mar 18 j 18:30	0°♎		
	532 Jun 20 j 06:46	0°☾			537 Apr 18 j 16:12	0°♄		
	532 Jul 21 j 15:35	0°♈			537 May 19 j 23:48	0°♊		
	532 Aug 21 j 15:27	0°♎		max. Earth dist.	537 Jun 07 j 07:11	17°♊26'45	1.01729 AU	
	532 Sep 21 j 02:51	0°♊			537 Jun 20 j 11:33	0°☾		
	532 Oct 21 j 01:46	0°♌			537 Jul 21 j 20:28	0°♈		
	532 Nov 19 j 15:25	0°♊			537 Aug 21 j 20:26	0°♎		
min. Earth dist.	532 Dec 05 j 21:01	16°♊33'08	0.98273 AU		537 Sep 21 j 07:55	0°♊		
	532 Dec 19 j 01:17	0°♄			537 Oct 21 j 06:53	0°♌		
	533 Jan 17 j 13:44	0°♌			537 Nov 19 j 20:30	0°♊		
	533 Feb 16 j 10:33	0°♋		min. Earth dist.	537 Dec 06 j 16:03	17°♊08'56	0.98265 AU	
	533 Mar 18 j 19:29	0°♎			537 Dec 19 j 06:17	0°♄		
	533 Apr 18 j 17:12	0°♄			538 Jan 17 j 18:38	0°♌		
	533 May 20 j 00:48	0°♊			538 Feb 16 j 15:22	0°♋		
max. Earth dist.	533 Jun 07 j 21:00	17°♊57'03	1.01733 AU		538 Mar 19 j 00:15	0°♎		
	533 Jun 20 j 12:34	0°☾			538 Apr 18 j 21:55	0°♄		
	533 Jul 21 j 21:27	0°♈			538 May 20 j 05:32	0°♊		
	533 Aug 21 j 21:20	0°♎		max. Earth dist.	538 Jun 09 j 01:04	18°♊52'27	1.01734 AU	
	533 Sep 21 j 08:44	0°♊			538 Jun 20 j 17:19	0°☾		
	533 Oct 21 j 07:37	0°♌			538 Jul 22 j 02:14	0°♈		
	533 Nov 19 j 21:13	0°♊			538 Aug 22 j 02:11	0°♎		
min. Earth dist.	533 Dec 08 j 11:15	18°♊57'32	0.98271 AU		538 Sep 21 j 13:38	0°♊		
	533 Dec 19 j 07:02	0°♄			538 Oct 21 j 12:35	0°♌		
	534 Jan 17 j 19:28	0°♌			538 Nov 20 j 02:14	0°♊		
	534 Feb 16 j 16:17	0°♋		min. Earth dist.	538 Dec 07 j 19:01	18°♊03'06	0.98273 AU	
	534 Mar 19 j 01:15	0°♎			538 Dec 19 j 12:04	0°♄		
	534 Apr 18 j 23:00	0°♄			539 Jan 18 j 00:27	0°♌		
	534 May 20 j 06:39	0°♊			539 Feb 16 j 21:13	0°♋		
max. Earth dist.	534 Jun 06 j 14:26	16°♊30'34	1.01731 AU		539 Mar 19 j 06:08	0°♎		
	534 Jun 20 j 18:27	0°☾			539 Apr 19 j 03:50	0°♄		
	534 Jul 22 j 03:21	0°♈			539 May 20 j 11:27	0°♊		
	534 Aug 22 j 03:14	0°♎		max. Earth dist.	539 Jun 07 j 01:53	16°♊46'23	1.01732 AU	
	534 Sep 21 j 14:36	0°♊			539 Jun 20 j 23:14	0°☾		
	534 Oct 21 j 13:27	0°♌			539 Jul 22 j 08:09	0°♈		
	534 Nov 20 j 03:02	0°♊			539 Aug 22 j 08:05	0°♎		
min. Earth dist.	534 Dec 07 j 08:04	17°♊33'16	0.98266 AU		539 Sep 21 j 19:31	0°♊		
	534 Dec 19 j 12:51	0°♄			539 Oct 21 j 18:28	0°♌		
	535 Jan 18 j 01:16	0°♌			539 Nov 20 j 08:08	0°♊		
	535 Feb 16 j 22:06	0°♋		min. Earth dist.	539 Dec 08 j 17:05	18°♊44'29	0.98271 AU	
	535 Mar 19 j 07:03	0°♎			539 Dec 19 j 18:01	0°♄		

	540 Jan 18 j 06:27	0°≈			544 Nov 19 j 13:17	0°♊		
	540 Feb 17 j 03:13	0°♋		min. Earth dist.	544 Dec 08 j 11:38	19°♊18'41	0.98272 AU	
	540 Mar 18 j 12:04	0°♌			544 Dec 18 j 23:09	0°♋		
	540 Apr 18 j 09:39	0°♍			545 Jan 17 j 11:33	0°≈		
	540 May 19 j 17:10	0°♎			545 Feb 16 j 08:18	0°♋		
max. Earth dist.	540 Jun 08 j 08:08	18°♎41'53	1.01725 AU		545 Mar 18 j 17:10	0°♌		
	540 Jun 20 j 04:51	0°♏			545 Apr 18 j 14:49	0°♍		
	540 Jul 21 j 13:45	0°♐			545 May 19 j 22:24	0°♎		
	540 Aug 21 j 13:42	0°♑		max. Earth dist.	545 Jun 06 j 19:13	17°♎01'40	1.01728 AU	
	540 Sep 21 j 01:11	0°♒			545 Jun 20 j 10:10	0°♏		
	540 Oct 21 j 00:11	0°♓			545 Jul 21 j 19:05	0°♐		
	540 Nov 19 j 13:53	0°♑			545 Aug 21 j 19:02	0°♑		
min. Earth dist.	540 Dec 05 j 22:54	16°♑41'50	0.98274 AU		545 Sep 21 j 06:31	0°♒		
	540 Dec 18 j 23:46	0°♋			545 Oct 21 j 05:29	0°♓		
	541 Jan 17 j 12:13	0°≈			545 Nov 19 j 19:09	0°♑		
	541 Feb 16 j 09:00	0°♋		min. Earth dist.	545 Dec 06 j 21:39	17°♑26'38	0.98268 AU	
	541 Mar 18 j 17:51	0°♌			545 Dec 19 j 05:00	0°♋		
	541 Apr 18 j 15:26	0°♍			546 Jan 17 j 17:24	0°≈		
	541 May 19 j 22:57	0°♎			546 Feb 16 j 14:08	0°♋		
max. Earth dist.	541 Jun 08 j 09:56	18°♎32'18	1.01730 AU		546 Mar 18 j 23:00	0°♌		
	541 Jun 20 j 10:40	0°♏			546 Apr 18 j 20:38	0°♍		
	541 Jul 21 j 19:36	0°♐			546 May 20 j 04:13	0°♎		
	541 Aug 21 j 19:35	0°♑		max. Earth dist.	546 Jun 09 j 06:03	19°♎07'28	1.01733 AU	
	541 Sep 21 j 07:06	0°♒			546 Jun 20 j 16:00	0°♏		
	541 Oct 21 j 06:04	0°♓			546 Jul 22 j 00:56	0°♐		
	541 Nov 19 j 19:43	0°♑			546 Aug 22 j 00:53	0°♑		
min. Earth dist.	541 Dec 08 j 08:16	18°♑53'42	0.98273 AU		546 Sep 21 j 12:20	0°♒		
	541 Dec 19 j 05:33	0°♋			546 Oct 21 j 11:16	0°♓		
	542 Jan 17 j 17:58	0°≈			546 Nov 20 j 00:54	0°♑		
	542 Feb 16 j 14:45	0°♋		min. Earth dist.	546 Dec 07 j 02:29	17°♑24'15	0.98273 AU	
	542 Mar 18 j 23:41	0°♌			546 Dec 19 j 10:44	0°♋		
	542 Apr 18 j 21:21	0°♍			547 Jan 17 j 23:09	0°≈		
	542 May 20 j 04:55	0°♎			547 Feb 16 j 19:57	0°♋		
max. Earth dist.	542 Jun 06 j 16:06	16°♎38'46	1.01728 AU		547 Mar 19 j 04:52	0°♌		
	542 Jun 20 j 16:39	0°♏			547 Apr 19 j 02:33	0°♍		
	542 Jul 22 j 01:34	0°♐			547 May 20 j 10:09	0°♎		
	542 Aug 22 j 01:31	0°♑		max. Earth dist.	547 Jun 07 j 09:05	17°♎06'34	1.01733 AU	
	542 Sep 21 j 13:00	0°♒			547 Jun 20 j 21:56	0°♏		
	542 Oct 21 j 11:58	0°♓			547 Jul 22 j 06:54	0°♐		
	542 Nov 20 j 01:37	0°♑			547 Aug 22 j 06:52	0°♑		
min. Earth dist.	542 Dec 07 j 18:19	18°♑03'02	0.98267 AU		547 Sep 21 j 18:20	0°♒		
	542 Dec 19 j 11:27	0°♋			547 Oct 21 j 17:16	0°♓		
	543 Jan 17 j 23:52	0°≈			547 Nov 20 j 06:54	0°♑		
	543 Feb 16 j 20:39	0°♋		min. Earth dist.	547 Dec 08 j 21:13	18°♑58'18	0.98268 AU	
	543 Mar 19 j 05:34	0°♌			547 Dec 19 j 16:43	0°♋		
	543 Apr 19 j 03:15	0°♍			548 Jan 18 j 05:08	0°≈		
	543 May 20 j 10:47	0°♎			548 Feb 17 j 01:53	0°♋		
max. Earth dist.	543 Jun 09 j 11:47	19°♎05'43	1.01725 AU		548 Mar 18 j 10:45	0°♌		
	543 Jun 20 j 22:27	0°♏			548 Apr 18 j 08:22	0°♍		
	543 Jul 22 j 07:17	0°♐			548 May 19 j 15:53	0°♎		
	543 Aug 22 j 07:11	0°♑		max. Earth dist.	548 Jun 07 j 20:10	18°♎16'31	1.01726 AU	
	543 Sep 21 j 18:39	0°♒			548 Jun 20 j 03:36	0°♏		
	543 Oct 21 j 17:38	0°♓			548 Jul 21 j 12:31	0°♐		
	543 Nov 20 j 07:20	0°♑			548 Aug 21 j 12:32	0°♑		
min. Earth dist.	543 Dec 06 j 17:35	16°♑44'57	0.98275 AU		548 Sep 21 j 00:04	0°♒		
	543 Dec 19 j 17:13	0°♋			548 Oct 20 j 23:05	0°♓		
	544 Jan 18 j 05:40	0°≈			548 Nov 19 j 12:45	0°♑		
	544 Feb 17 j 02:28	0°♋		min. Earth dist.	548 Dec 06 j 03:45	16°♑57'13	0.98268 AU	
	544 Mar 18 j 11:23	0°♌			548 Dec 18 j 22:34	0°♋		
	544 Apr 18 j 09:03	0°♍			549 Jan 17 j 10:56	0°≈		
	544 May 19 j 16:37	0°♎			549 Feb 16 j 07:39	0°♋		
max. Earth dist.	544 Jun 07 j 06:17	17°♎41'39	1.01729 AU		549 Mar 18 j 16:28	0°♌		
	544 Jun 20 j 04:20	0°♏			549 Apr 18 j 14:04	0°♍		
	544 Jul 21 j 13:12	0°♐			549 May 19 j 21:36	0°♎		
	544 Aug 21 j 13:08	0°♑		max. Earth dist.	549 Jun 08 j 17:38	18°♎53'44	1.01733 AU	
	544 Sep 21 j 00:36	0°♒			549 Jun 20 j 09:21	0°♏		
	544 Oct 20 j 23:36	0°♓			549 Jul 21 j 18:19	0°♐		

	549 Aug 21 j 18:22	0°♎		max. Earth dist.	554 Jun 09 j 12:01	19°♊25'41	1.01729 AU
	549 Sep 21 j 05:57	0°♏			554 Jun 20 j 14:17	0°♏	
	549 Oct 21 j 04:58	0°♎			554 Jul 21 j 23:13	0°♏	
	549 Nov 19 j 18:38	0°♎			554 Aug 21 j 23:14	0°♎	
min. Earth dist.	549 Dec 08 j 05:35	18°♎49'38	0.98269 AU		554 Sep 21 j 10:48	0°♏	
	549 Dec 19 j 04:25	0°♏			554 Oct 21 j 09:50	0°♎	
	550 Jan 17 j 16:44	0°♎			554 Nov 19 j 23:33	0°♎	
	550 Feb 16 j 13:24	0°♎		min. Earth dist.	554 Dec 06 j 21:56	17°♎16'00	0.98274 AU
	550 Mar 18 j 22:14	0°♎			554 Dec 19 j 09:24	0°♏	
	550 Apr 18 j 19:53	0°♏			555 Jan 17 j 21:47	0°♎	
	550 May 20 j 03:29	0°♊			555 Feb 16 j 18:31	0°♎	
max. Earth dist.	550 Jun 06 j 17:52	16°♊46'20	1.01733 AU		555 Mar 19 j 03:21	0°♎	
	550 Jun 20 j 15:16	0°♏			555 Apr 19 j 00:57	0°♏	
	550 Jul 22 j 00:15	0°♏			555 May 20 j 08:29	0°♊	
	550 Aug 22 j 00:16	0°♎		max. Earth dist.	555 Jun 07 j 17:23	17°♊30'24	1.01730 AU
	550 Sep 21 j 11:49	0°♏			555 Jun 20 j 20:11	0°♏	
	550 Oct 21 j 10:50	0°♎			555 Jul 22 j 05:06	0°♏	
	550 Nov 20 j 00:31	0°♎			555 Aug 22 j 05:06	0°♎	
min. Earth dist.	550 Dec 08 j 06:00	18°♎35'38	0.98266 AU		555 Sep 21 j 16:40	0°♏	
	550 Dec 19 j 10:21	0°♏			555 Oct 21 j 15:43	0°♎	
	551 Jan 17 j 22:41	0°♎			555 Nov 20 j 05:27	0°♎	
	551 Feb 16 j 19:22	0°♎		min. Earth dist.	555 Dec 09 j 05:42	19°♎23'30	0.98272 AU
	551 Mar 19 j 04:09	0°♎			555 Dec 19 j 15:20	0°♏	
	551 Apr 19 j 01:44	0°♏			556 Jan 18 j 03:43	0°♎	
	551 May 20 j 09:16	0°♊			556 Feb 17 j 00:25	0°♎	
max. Earth dist.	551 Jun 09 j 11:31	19°♊08'42	1.01728 AU		556 Mar 18 j 09:12	0°♎	
	551 Jun 20 j 20:58	0°♏			556 Apr 18 j 06:44	0°♏	
	551 Jul 22 j 05:53	0°♏			556 May 19 j 14:12	0°♊	
	551 Aug 22 j 05:52	0°♎		max. Earth dist.	556 Jun 07 j 06:51	17°♊48'57	1.01723 AU
	551 Sep 21 j 17:24	0°♏			556 Jun 20 j 01:52	0°♏	
	551 Oct 21 j 16:26	0°♎			556 Jul 21 j 10:46	0°♏	
	551 Nov 20 j 06:11	0°♎			556 Aug 21 j 10:45	0°♎	
min. Earth dist.	551 Dec 06 j 18:59	16°♎51'26	0.98275 AU		556 Sep 20 j 22:20	0°♏	
	551 Dec 19 j 16:05	0°♏			556 Oct 20 j 21:26	0°♎	
	552 Jan 18 j 04:30	0°♎			556 Nov 19 j 11:12	0°♎	
	552 Feb 17 j 01:13	0°♎		min. Earth dist.	556 Dec 06 j 11:08	17°♎19'56	0.98272 AU
	552 Mar 18 j 09:59	0°♎			556 Dec 18 j 21:06	0°♏	
	552 Apr 18 j 07:31	0°♏			557 Jan 17 j 09:30	0°♎	
	552 May 19 j 15:00	0°♊			557 Feb 16 j 06:10	0°♎	
max. Earth dist.	552 Jun 07 j 19:25	18°♊16'43	1.01731 AU		557 Mar 18 j 14:55	0°♎	
	552 Jun 20 j 02:43	0°♏			557 Apr 18 j 12:26	0°♏	
	552 Jul 21 j 11:40	0°♏			557 May 19 j 19:54	0°♊	
	552 Aug 21 j 11:42	0°♎		max. Earth dist.	557 Jun 09 j 00:53	19°♊15'06	1.01730 AU
	552 Sep 20 j 23:16	0°♏			557 Jun 20 j 07:36	0°♏	
	552 Oct 20 j 22:19	0°♎			557 Jul 21 j 16:34	0°♏	
	552 Nov 19 j 12:03	0°♎			557 Aug 21 j 16:35	0°♎	
min. Earth dist.	552 Dec 08 j 13:36	19°♎26'51	0.98273 AU		557 Sep 21 j 04:10	0°♏	
	552 Dec 18 j 21:55	0°♏			557 Oct 21 j 03:12	0°♎	
	553 Jan 17 j 10:17	0°♎			557 Nov 19 j 16:55	0°♎	
	553 Feb 16 j 06:59	0°♎		min. Earth dist.	557 Dec 07 j 16:45	18°♎21'01	0.98275 AU
	553 Mar 18 j 15:45	0°♎			557 Dec 19 j 02:46	0°♏	
	553 Apr 18 j 13:17	0°♏			558 Jan 17 j 15:09	0°♎	
	553 May 19 j 20:46	0°♊			558 Feb 16 j 11:51	0°♎	
max. Earth dist.	553 Jun 06 j 19:34	17°♊06'29	1.01728 AU		558 Mar 18 j 20:38	0°♎	
	553 Jun 20 j 08:29	0°♏			558 Apr 18 j 18:13	0°♏	
	553 Jul 21 j 17:27	0°♏			558 May 20 j 01:46	0°♊	
	553 Aug 21 j 17:31	0°♎		max. Earth dist.	558 Jun 06 j 22:41	17°♊01'53	1.01732 AU
	553 Sep 21 j 05:07	0°♏			558 Jun 20 j 13:32	0°♏	
	553 Oct 21 j 04:10	0°♎			558 Jul 21 j 22:31	0°♏	
	553 Nov 19 j 17:53	0°♎			558 Aug 21 j 22:34	0°♎	
min. Earth dist.	553 Dec 07 j 07:06	17°♎54'03	0.98268 AU		558 Sep 21 j 10:07	0°♏	
	553 Dec 19 j 03:43	0°♏			558 Oct 21 j 09:08	0°♎	
	554 Jan 17 j 16:06	0°♎			558 Nov 19 j 22:49	0°♎	
	554 Feb 16 j 12:47	0°♎		min. Earth dist.	558 Dec 08 j 10:41	18°♎51'58	0.98268 AU
	554 Mar 18 j 21:34	0°♎			558 Dec 19 j 08:39	0°♏	
	554 Apr 18 j 19:07	0°♏			559 Jan 17 j 21:02	0°♎	
	554 May 20 j 02:36	0°♊			559 Feb 16 j 17:45	0°♎	

	559 Mar 19 j 02:33	0°Υ		563 Dec 19 j 14:04	0°Ξ	
	559 Apr 19 j 00:07	0°Ϡ		564 Jan 18 j 02:27	0°≈	
	559 May 20 j 07:36	0°Π		564 Feb 16 j 23:05	0°Ϡ	
max. Earth dist.	559 Jun 09 j 04:14	18°Π55'25	1.01725 AU	564 Mar 18 j 07:46	0°Υ	
	559 Jun 20 j 19:17	0°Ϡ		564 Apr 18 j 05:13	0°Ϡ	
	559 Jul 22 j 04:12	0°Ω		564 May 19 j 12:39	0°Π	
	559 Aug 22 j 04:13	0°Ϡ		564 Jun 07 j 02:11	17°Π41'34	1.01725 AU
	559 Sep 21 j 15:47	0°Ϡ		564 Jun 20 j 00:21	0°Ϡ	
	559 Oct 21 j 14:49	0°Π		564 Jul 21 j 09:20	0°Ω	
	559 Nov 20 j 04:32	0°Ϡ		564 Aug 21 j 09:26	0°Ϡ	
min. Earth dist.	559 Dec 06 j 17:35	16°Ϡ52'08	0.98271 AU	564 Sep 20 j 21:06	0°Ϡ	
	559 Dec 19 j 14:24	0°Ξ		564 Oct 20 j 20:15	0°Π	
	560 Jan 18 j 02:48	0°≈		564 Nov 19 j 10:02	0°Ϡ	
	560 Feb 16 j 23:30	0°Ϡ		564 Dec 06 j 18:54	17°Ϡ42'46	0.98271 AU
	560 Mar 18 j 08:18	0°Υ		564 Dec 18 j 19:56	0°Ξ	
	560 Apr 18 j 05:51	0°Ϡ		565 Jan 17 j 08:18	0°≈	
	560 May 19 j 13:19	0°Π		565 Feb 16 j 04:56	0°Ϡ	
max. Earth dist.	560 Jun 08 j 03:09	18°Π39'04	1.01731 AU	565 Mar 18 j 13:37	0°Υ	
	560 Jun 20 j 01:02	0°Ϡ		565 Apr 18 j 11:03	0°Ϡ	
	560 Jul 21 j 10:00	0°Ω		565 May 19 j 18:26	0°Π	
	560 Aug 21 j 10:04	0°Ϡ		565 Jun 09 j 10:20	19°Π41'08	1.01728 AU
	560 Sep 20 j 21:42	0°Ϡ		565 Jun 20 j 06:07	0°Ϡ	
	560 Oct 20 j 20:47	0°Π		565 Jul 21 j 15:08	0°Ω	
	560 Nov 19 j 10:30	0°Ϡ		565 Aug 21 j 15:16	0°Ϡ	
min. Earth dist.	560 Dec 08 j 11:29	19°Ϡ25'25	0.98270 AU	565 Sep 21 j 02:57	0°Ϡ	
	560 Dec 18 j 20:19	0°Ξ		565 Oct 21 j 02:04	0°Π	
	561 Jan 17 j 08:37	0°≈		565 Nov 19 j 15:49	0°Ϡ	
	561 Feb 16 j 05:16	0°Ϡ		565 Dec 07 j 08:13	18°Ϡ02'01	0.98273 AU
	561 Mar 18 j 14:01	0°Υ		565 Dec 19 j 01:39	0°Ξ	
	561 Apr 18 j 11:35	0°Ϡ		566 Jan 17 j 14:00	0°≈	
	561 May 19 j 19:06	0°Π		566 Feb 16 j 10:38	0°Ϡ	
max. Earth dist.	561 Jun 06 j 15:27	17°Π00'36	1.01731 AU	566 Mar 18 j 19:23	0°Υ	
	561 Jun 20 j 06:52	0°Ϡ		566 Apr 18 j 16:54	0°Ϡ	
	561 Jul 21 j 15:52	0°Ω		566 May 20 j 00:23	0°Π	
	561 Aug 21 j 15:59	0°Ϡ		566 Jun 07 j 06:38	17°Π24'06	1.01730 AU
	561 Sep 21 j 03:38	0°Ϡ		566 Jun 20 j 12:07	0°Ϡ	
	561 Oct 21 j 02:45	0°Π		566 Jul 21 j 21:07	0°Ω	
	561 Nov 19 j 16:29	0°Ϡ		566 Aug 21 j 21:14	0°Ϡ	
min. Earth dist.	561 Dec 07 j 17:40	18°Ϡ24'38	0.98265 AU	566 Sep 21 j 08:54	0°Ϡ	
	561 Dec 19 j 02:18	0°Ξ		566 Oct 21 j 08:02	0°Π	
	562 Jan 17 j 14:35	0°≈		566 Nov 19 j 21:47	0°Ϡ	
	562 Feb 16 j 11:11	0°Ϡ		566 Dec 08 j 21:23	19°Ϡ21'55	0.98269 AU
	562 Mar 18 j 19:54	0°Υ		566 Dec 19 j 07:38	0°Ξ	
	562 Apr 18 j 17:26	0°Ϡ		567 Jan 17 j 19:58	0°≈	
	562 May 20 j 00:57	0°Π		567 Feb 16 j 16:37	0°Ϡ	
max. Earth dist.	562 Jun 09 j 12:05	19°Π29'42	1.01731 AU	567 Mar 19 j 01:21	0°Υ	
	562 Jun 20 j 12:42	0°Ϡ		567 Apr 18 j 22:51	0°Ϡ	
	562 Jul 21 j 21:41	0°Ω		567 May 20 j 06:17	0°Π	
	562 Aug 21 j 21:45	0°Ϡ		567 Jun 08 j 17:15	18°Π32'30	1.01722 AU
	562 Sep 21 j 09:22	0°Ϡ		567 Jun 20 j 17:56	0°Ϡ	
	562 Oct 21 j 08:28	0°Π		567 Jul 22 j 02:50	0°Ω	
	562 Nov 19 j 22:13	0°Ϡ		567 Aug 22 j 02:53	0°Ϡ	
min. Earth dist.	562 Dec 06 j 19:09	17°Ϡ12'15	0.98272 AU	567 Sep 21 j 14:31	0°Ϡ	
	562 Dec 19 j 08:04	0°Ξ		567 Oct 21 j 13:40	0°Π	
	563 Jan 17 j 20:25	0°≈		567 Nov 20 j 03:28	0°Ϡ	
	563 Feb 16 j 17:03	0°Ϡ		567 Dec 07 j 01:03	17°Ϡ13'50	0.98273 AU
	563 Mar 19 j 01:47	0°Υ		567 Dec 19 j 13:23	0°Ξ	
	563 Apr 18 j 23:19	0°Ϡ		568 Jan 18 j 01:45	0°≈	
	563 May 20 j 06:50	0°Π		568 Feb 16 j 22:24	0°Ϡ	
max. Earth dist.	563 Jun 08 j 03:42	17°Π58'43	1.01733 AU	568 Mar 18 j 07:06	0°Υ	
	563 Jun 20 j 18:36	0°Ϡ		568 Apr 18 j 04:35	0°Ϡ	
	563 Jul 22 j 03:36	0°Ω		568 May 19 j 12:00	0°Π	
	563 Aug 22 j 03:41	0°Ϡ		568 Jun 08 j 11:22	19°Π01'49	1.01728 AU
	563 Sep 21 j 15:18	0°Ϡ		568 Jun 19 j 23:41	0°Ϡ	
	563 Oct 21 j 14:24	0°Π		568 Jul 21 j 08:38	0°Ω	
	563 Nov 20 j 04:11	0°Ϡ		568 Aug 21 j 08:42	0°Ϡ	
min. Earth dist.	563 Dec 09 j 09:54	19°Ϡ37'26	0.98273 AU	568 Sep 20 j 20:21	0°Ϡ	

	568 Oct 20 j 19:31	0°♌			573 Jul 21 j 13:30	0°♏		
	568 Nov 19 j 09:19	0°♍			573 Aug 21 j 13:41	0°♎		
min. Earth dist.	568 Dec 08 j 06:52	19°♍16'29	0.98275 AU		573 Sep 21 j 01:25	0°♎		
	568 Dec 18 j 19:12	0°♎			573 Oct 21 j 00:36	0°♌		
	569 Jan 17 j 07:32	0°♏			573 Nov 19 j 14:23	0°♍		
	569 Feb 16 j 04:08	0°♋		min. Earth dist.	573 Dec 07 j 03:10	17°♍52'45	0.98272 AU	
	569 Mar 18 j 12:49	0°♐			573 Dec 19 j 00:12	0°♎		
	569 Apr 18 j 10:18	0°♉			574 Jan 17 j 12:29	0°♏		
	569 May 19 j 17:46	0°♈			574 Feb 16 j 09:01	0°♋		
max. Earth dist.	569 Jun 06 j 17:28	17°♈08'34	1.01730 AU		574 Mar 18 j 17:40	0°♐		
	569 Jun 20 j 05:31	0°♏			574 Apr 18 j 15:07	0°♉		
	569 Jul 21 j 14:32	0°♏			574 May 19 j 22:36	0°♈		
	569 Aug 21 j 14:39	0°♎		max. Earth dist.	574 Jun 07 j 14:28	17°♈46'56	1.01733 AU	
	569 Sep 21 j 02:18	0°♎			574 Jun 20 j 10:22	0°♏		
	569 Oct 21 j 01:26	0°♌			574 Jul 21 j 19:24	0°♏		
	569 Nov 19 j 15:12	0°♍			574 Aug 21 j 19:34	0°♎		
min. Earth dist.	569 Dec 08 j 00:18	18°♍44'50	0.98268 AU		574 Sep 21 j 07:18	0°♎		
	569 Dec 19 j 01:03	0°♎			574 Oct 21 j 06:29	0°♌		
	570 Jan 17 j 13:23	0°♏			574 Nov 19 j 20:17	0°♍		
	570 Feb 16 j 10:00	0°♋		min. Earth dist.	574 Dec 09 j 05:12	19°♍45'38	0.98271 AU	
	570 Mar 18 j 18:40	0°♐			574 Dec 19 j 06:09	0°♎		
	570 Apr 18 j 16:08	0°♉			575 Jan 17 j 18:27	0°♏		
	570 May 19 j 23:35	0°♈			575 Feb 16 j 15:01	0°♋		
max. Earth dist.	570 Jun 09 j 11:29	19°♈31'38	1.01729 AU		575 Mar 18 j 23:38	0°♐		
	570 Jun 20 j 11:19	0°♏			575 Apr 18 j 21:03	0°♉		
	570 Jul 21 j 20:18	0°♏			575 May 20 j 04:27	0°♈		
	570 Aug 21 j 20:23	0°♎		max. Earth dist.	575 Jun 08 j 08:47	18°♈16'46	1.01724 AU	
	570 Sep 21 j 08:01	0°♎			575 Jun 20 j 16:08	0°♏		
	570 Oct 21 j 07:06	0°♌			575 Jul 22 j 01:06	0°♏		
	570 Nov 19 j 20:50	0°♍			575 Aug 22 j 01:13	0°♎		
min. Earth dist.	570 Dec 06 j 13:39	17°♍01'42	0.98272 AU		575 Sep 21 j 12:55	0°♎		
	570 Dec 19 j 06:41	0°♎			575 Oct 21 j 12:06	0°♌		
	571 Jan 17 j 19:03	0°♏			575 Nov 20 j 01:57	0°♍		
	571 Feb 16 j 15:42	0°♋		min. Earth dist.	575 Dec 07 j 06:53	17°♍32'37	0.98274 AU	
	571 Mar 19 j 00:26	0°♐			575 Dec 19 j 11:53	0°♎		
	571 Apr 18 j 21:55	0°♉			576 Jan 18 j 00:15	0°♏		
	571 May 20 j 05:23	0°♈			576 Feb 16 j 20:51	0°♋		
max. Earth dist.	571 Jun 08 j 13:07	18°♈24'36	1.01733 AU		576 Mar 18 j 05:28	0°♐		
	571 Jun 20 j 17:07	0°♏			576 Apr 18 j 02:49	0°♉		
	571 Jul 22 j 02:08	0°♏			576 May 19 j 10:10	0°♈		
	571 Aug 22 j 02:16	0°♎		max. Earth dist.	576 Jun 08 j 23:01	19°♈33'57	1.01728 AU	
	571 Sep 21 j 13:55	0°♎			576 Jun 19 j 21:49	0°♏		
	571 Oct 21 j 13:02	0°♌			576 Jul 21 j 06:50	0°♏		
	571 Nov 20 j 02:47	0°♍			576 Aug 21 j 06:59	0°♎		
min. Earth dist.	571 Dec 09 j 09:21	19°♍39'39	0.98272 AU		576 Sep 20 j 18:44	0°♎		
	571 Dec 19 j 12:37	0°♎			576 Oct 20 j 17:57	0°♌		
	572 Jan 18 j 00:57	0°♏			576 Nov 19 j 07:46	0°♍		
	572 Feb 16 j 21:34	0°♋		min. Earth dist.	576 Dec 07 j 20:32	18°♍53'59	0.98276 AU	
	572 Mar 18 j 06:15	0°♐			576 Dec 18 j 17:39	0°♎		
	572 Apr 18 j 03:41	0°♉			577 Jan 17 j 05:58	0°♏		
	572 May 19 j 11:06	0°♈			577 Feb 16 j 02:32	0°♋		
max. Earth dist.	572 Jun 06 j 18:24	17°♈26'45	1.01726 AU		577 Mar 18 j 11:09	0°♐		
	572 Jun 19 j 22:47	0°♏			577 Apr 18 j 08:33	0°♉		
	572 Jul 21 j 07:47	0°♏			577 May 19 j 15:57	0°♈		
	572 Aug 21 j 07:57	0°♎		max. Earth dist.	577 Jun 07 j 00:13	17°♈29'00	1.01729 AU	
	572 Sep 20 j 19:41	0°♎			577 Jun 20 j 03:40	0°♏		
	572 Oct 20 j 18:52	0°♌			577 Jul 21 j 12:43	0°♏		
	572 Nov 19 j 08:39	0°♍			577 Aug 21 j 12:55	0°♎		
min. Earth dist.	572 Dec 07 j 04:35	18°♍11'07	0.98267 AU		577 Sep 21 j 00:42	0°♎		
	572 Dec 18 j 18:30	0°♎			577 Oct 20 j 23:54	0°♌		
	573 Jan 17 j 06:47	0°♏			577 Nov 19 j 13:42	0°♍		
	573 Feb 16 j 03:21	0°♋		min. Earth dist.	577 Dec 08 j 09:27	19°♍12'00	0.98268 AU	
	573 Mar 18 j 11:59	0°♐			577 Dec 18 j 23:33	0°♎		
	573 Apr 18 j 09:24	0°♉			578 Jan 17 j 11:52	0°♏		
	573 May 19 j 16:48	0°♈			578 Feb 16 j 08:26	0°♋		
max. Earth dist.	573 Jun 09 j 12:55	19°♈51'11	1.01729 AU		578 Mar 18 j 17:04	0°♐		
	573 Jun 20 j 04:29	0°♏			578 Apr 18 j 14:28	0°♉		

	578 May 19 j 21:52	0°II		583 Feb 16 j 13:36	0°H	
max. Earth dist.	578 Jun 09 j 05:50	19°II22'25	1.01725 AU	583 Mar 18 j 22:14	0°Y	
	578 Jun 20 j 09:33	0°S		583 Apr 18 j 19:37	0°B	
	578 Jul 21 j 18:32	0°Q		583 May 20 j 03:00	0°II	
	578 Aug 21 j 18:40	0°P		max. Earth dist.	583 Jun 07 j 23:35	17°II58'22 1.01725 AU
	578 Sep 21 j 06:23	0°A			583 Jun 20 j 14:41	0°S
	578 Oct 21 j 05:35	0°M			583 Jul 21 j 23:42	0°Q
	578 Nov 19 j 19:23	0°J			583 Aug 21 j 23:53	0°P
min. Earth dist.	578 Dec 06 j 18:27	17°J17'36	0.98272 AU		583 Sep 21 j 11:39	0°A
	578 Dec 19 j 05:16	0°Z			583 Oct 21 j 10:53	0°M
	579 Jan 17 j 17:35	0°X		min. Earth dist.	583 Nov 20 j 00:42	0°J
	579 Feb 16 j 14:11	0°H			583 Dec 07 j 13:35	17°J53'02 0.98270 AU
	579 Mar 18 j 22:51	0°Y			583 Dec 19 j 10:35	0°Z
	579 Apr 18 j 20:18	0°B			584 Jan 17 j 22:54	0°X
	579 May 20 j 03:43	0°II			584 Feb 16 j 19:27	0°H
max. Earth dist.	579 Jun 08 j 20:55	18°II47'10	1.01730 AU		584 Mar 18 j 04:03	0°Y
	579 Jun 20 j 15:24	0°S			584 Apr 18 j 01:25	0°B
	579 Jul 22 j 00:24	0°Q		max. Earth dist.	584 May 19 j 08:45	0°II
	579 Aug 22 j 00:33	0°P			584 Jun 09 j 05:25	19°II52'33 1.01728 AU
	579 Sep 21 j 12:17	0°A			584 Jun 19 j 20:25	0°S
	579 Oct 21 j 11:29	0°M			584 Jul 21 j 05:27	0°Q
	579 Nov 20 j 01:19	0°J			584 Aug 21 j 05:40	0°P
min. Earth dist.	579 Dec 09 j 11:24	19°J48'27	0.98275 AU		584 Sep 20 j 17:30	0°A
	579 Dec 19 j 11:13	0°Z			584 Oct 20 j 16:46	0°M
	580 Jan 17 j 23:32	0°X		min. Earth dist.	584 Nov 19 j 06:36	0°J
	580 Feb 16 j 20:05	0°H			584 Dec 07 j 13:16	18°J38'24 0.98272 AU
	580 Mar 18 j 04:42	0°Y			584 Dec 18 j 16:26	0°Z
	580 Apr 18 j 02:05	0°B			585 Jan 17 j 04:40	0°X
	580 May 19 j 09:29	0°II			585 Feb 16 j 01:09	0°H
max. Earth dist.	580 Jun 06 j 14:31	17°II21'22	1.01726 AU		585 Mar 18 j 09:43	0°Y
	580 Jun 19 j 21:10	0°S			585 Apr 18 j 07:05	0°B
	580 Jul 21 j 06:11	0°Q		max. Earth dist.	585 May 19 j 14:30	0°II
	580 Aug 21 j 06:21	0°P			585 Jun 07 j 05:15	17°II44'21 1.01732 AU
	580 Sep 20 j 18:06	0°A			585 Jun 20 j 02:14	0°S
	580 Oct 20 j 17:21	0°M			585 Jul 21 j 11:20	0°Q
	580 Nov 19 j 07:12	0°J			585 Aug 21 j 11:36	0°P
min. Earth dist.	580 Dec 07 j 13:34	18°J37'42	0.98270 AU		585 Sep 20 j 23:28	0°A
	580 Dec 18 j 17:07	0°Z			585 Oct 20 j 22:45	0°M
	581 Jan 17 j 05:26	0°X		min. Earth dist.	585 Nov 19 j 12:36	0°J
	581 Feb 16 j 01:58	0°H			585 Dec 08 j 20:32	19°J43'10 0.98268 AU
	581 Mar 18 j 10:32	0°Y			585 Dec 18 j 22:26	0°Z
	581 Apr 18 j 07:54	0°B			586 Jan 17 j 10:41	0°X
	581 May 19 j 15:16	0°II			586 Feb 16 j 07:08	0°H
max. Earth dist.	581 Jun 09 j 14:37	19°II58'55	1.01729 AU		586 Mar 18 j 15:41	0°Y
	581 Jun 20 j 02:58	0°S			586 Apr 18 j 13:02	0°B
	581 Jul 21 j 12:00	0°Q		max. Earth dist.	586 May 19 j 20:26	0°II
	581 Aug 21 j 12:12	0°P			586 Jun 08 j 19:52	19°II02'07 1.01727 AU
	581 Sep 20 j 23:56	0°A			586 Jun 20 j 08:09	0°S
	581 Oct 20 j 23:08	0°M			586 Jul 21 j 17:11	0°Q
	581 Nov 19 j 12:56	0°J			586 Aug 21 j 17:22	0°P
min. Earth dist.	581 Dec 06 j 17:40	17°J32'07	0.98273 AU		586 Sep 21 j 05:09	0°A
	581 Dec 18 j 22:48	0°Z			586 Oct 21 j 04:25	0°M
	582 Jan 17 j 11:06	0°X		min. Earth dist.	586 Nov 19 j 18:17	0°J
	582 Feb 16 j 07:39	0°H			586 Dec 07 j 00:26	17°J35'40 0.98272 AU
	582 Mar 18 j 16:15	0°Y			586 Dec 19 j 04:11	0°Z
	582 Apr 18 j 13:40	0°B			587 Jan 17 j 16:29	0°X
	582 May 19 j 21:06	0°II			587 Feb 16 j 13:00	0°H
max. Earth dist.	582 Jun 08 j 00:23	18°II14'04	1.01734 AU		587 Mar 18 j 21:32	0°Y
	582 Jun 20 j 08:52	0°S		max. Earth dist.	587 Apr 18 j 18:52	0°B
	582 Jul 21 j 17:57	0°Q			587 May 20 j 02:13	0°II
	582 Aug 21 j 18:10	0°P			587 Jun 09 j 08:32	19°II18'19 1.01731 AU
	582 Sep 21 j 05:55	0°A			587 Jun 20 j 13:56	0°S
	582 Oct 21 j 05:06	0°M			587 Jul 21 j 22:59	0°Q
	582 Nov 19 j 18:53	0°J			587 Aug 21 j 23:12	0°P
min. Earth dist.	582 Dec 09 j 05:31	19°J50'03	0.98270 AU		587 Sep 21 j 11:00	0°A
	582 Dec 19 j 04:44	0°Z			587 Oct 21 j 10:16	0°M
	583 Jan 17 j 17:02	0°X			587 Nov 20 j 00:09	0°J

min. Earth dist.	587 Dec 09 j 06:54	19°♄39'51	0.98278 AU		592 Sep 20 j 15:52	0°♊	
	587 Dec 19 j 10:05	0°♈			592 Oct 20 j 15:10	0°♌	
	588 Jan 17 j 22:24	0°♐			592 Nov 19 j 05:03	0°♈	
	588 Feb 16 j 18:54	0°♋		min. Earth dist.	592 Dec 07 j 02:38	18°♄15'03	0.98276 AU
	588 Mar 18 j 03:25	0°♑			592 Dec 18 j 14:57	0°♈	
	588 Apr 18 j 00:42	0°♉			593 Jan 17 j 03:14	0°♐	
max. Earth dist.	588 May 19 j 08:00	0°♊			593 Feb 15 j 23:42	0°♋	
	588 Jun 06 j 20:35	17°♊39'24	1.01726 AU		593 Mar 18 j 08:12	0°♑	
	588 Jun 19 j 19:40	0°♎			593 Apr 18 j 05:31	0°♉	
	588 Jul 21 j 04:43	0°♏		max. Earth dist.	593 May 19 j 12:54	0°♊	
	588 Aug 21 j 04:59	0°♑			593 Jun 07 j 11:53	18°♊03'56	1.01732 AU
	588 Sep 20 j 16:50	0°♊			593 Jun 20 j 00:38	0°♎	
min. Earth dist.	588 Oct 20 j 16:09	0°♌			593 Jul 21 j 09:43	0°♏	
	588 Nov 19 j 06:02	0°♈			593 Aug 21 j 09:59	0°♑	
	588 Dec 07 j 21:48	19°♄01'41	0.98271 AU		593 Sep 20 j 21:49	0°♊	
	588 Dec 18 j 15:58	0°♈			593 Oct 20 j 21:06	0°♌	
	589 Jan 17 j 04:16	0°♐		min. Earth dist.	593 Nov 19 j 10:57	0°♈	
	589 Feb 16 j 00:46	0°♋			593 Dec 08 j 23:32	19°♄54'56	0.98271 AU
max. Earth dist.	589 Mar 18 j 09:17	0°♑			593 Dec 18 j 20:50	0°♈	
	589 Apr 18 j 06:33	0°♉			594 Jan 17 j 09:06	0°♐	
	589 May 19 j 13:49	0°♊			594 Feb 16 j 05:35	0°♋	
	589 Jun 09 j 17:34	20°♊09'32	1.01724 AU		594 Mar 18 j 14:06	0°♑	
	589 Jun 20 j 01:27	0°♎			594 Apr 18 j 11:25	0°♉	
	589 Jul 21 j 10:29	0°♏		max. Earth dist.	594 May 19 j 18:47	0°♊	
min. Earth dist.	589 Aug 21 j 10:44	0°♑			594 Jun 08 j 07:27	18°♊36'34	1.01727 AU
	589 Sep 20 j 22:35	0°♊			594 Jun 20 j 06:30	0°♎	
	589 Oct 20 j 21:52	0°♌			594 Jul 21 j 15:33	0°♏	
	589 Nov 19 j 11:43	0°♈			594 Aug 21 j 15:46	0°♑	
	589 Dec 06 j 16:42	17°♄32'42	0.98273 AU		594 Sep 21 j 03:34	0°♊	
	589 Dec 18 j 21:35	0°♈		min. Earth dist.	594 Oct 21 j 02:48	0°♌	
max. Earth dist.	590 Jan 17 j 09:52	0°♐			594 Nov 19 j 16:38	0°♈	
	590 Feb 16 j 06:23	0°♋			594 Dec 07 j 01:54	17°♄43'45	0.98270 AU
	590 Mar 18 j 14:57	0°♑			594 Dec 19 j 02:31	0°♈	
	590 Apr 18 j 12:17	0°♉			595 Jan 17 j 14:48	0°♐	
	590 May 19 j 19:38	0°♊			595 Feb 16 j 11:19	0°♋	
	590 Jun 08 j 09:45	18°♊39'54	1.01730 AU		595 Mar 18 j 19:52	0°♑	
min. Earth dist.	590 Jun 20 j 07:19	0°♎			595 Apr 18 j 17:11	0°♉	
	590 Jul 21 j 16:22	0°♏		max. Earth dist.	595 May 20 j 00:31	0°♊	
	590 Aug 21 j 16:37	0°♑			595 Jun 09 j 16:05	19°♊40'19	1.01731 AU
	590 Sep 21 j 04:27	0°♊			595 Jun 20 j 12:13	0°♎	
	590 Oct 21 j 03:44	0°♌			595 Jul 21 j 21:18	0°♏	
	590 Nov 19 j 17:36	0°♈			595 Aug 21 j 21:34	0°♑	
max. Earth dist.	590 Dec 09 j 10:06	20°♄04'54	0.98273 AU		595 Sep 21 j 09:25	0°♊	
	590 Dec 19 j 03:29	0°♈		min. Earth dist.	595 Oct 21 j 08:41	0°♌	
	591 Jan 17 j 15:46	0°♐			595 Nov 19 j 22:32	0°♈	
	591 Feb 16 j 12:17	0°♋			595 Dec 08 j 19:14	19°♄14'14	0.98274 AU
	591 Mar 18 j 20:51	0°♑			595 Dec 19 j 08:24	0°♈	
	591 Apr 18 j 18:12	0°♉			596 Jan 17 j 20:39	0°♐	
min. Earth dist.	591 May 20 j 01:31	0°♊			596 Feb 16 j 17:06	0°♋	
	591 Jun 07 j 14:15	17°♊39'48	1.01722 AU		596 Mar 18 j 01:36	0°♑	
	591 Jun 20 j 13:09	0°♎			596 Apr 17 j 22:54	0°♉	
	591 Jul 21 j 22:08	0°♏		max. Earth dist.	596 May 19 j 06:13	0°♊	
	591 Aug 21 j 22:18	0°♑			596 Jun 06 j 22:48	17°♊48'49	1.01729 AU
	591 Sep 21 j 10:06	0°♊			596 Jun 19 j 17:55	0°♎	
max. Earth dist.	591 Oct 21 j 09:25	0°♌			596 Jul 21 j 03:02	0°♏	
	591 Nov 19 j 23:20	0°♈			596 Aug 21 j 03:22	0°♑	
	591 Dec 07 j 23:52	18°♄22'42	0.98273 AU		596 Sep 20 j 15:17	0°♊	
	591 Dec 19 j 09:16	0°♈		min. Earth dist.	596 Oct 20 j 14:38	0°♌	
	592 Jan 17 j 21:35	0°♐			596 Nov 19 j 04:32	0°♈	
	592 Feb 16 j 18:06	0°♋			596 Dec 08 j 07:48	19°♄31'12	0.98267 AU
min. Earth dist.	592 Mar 18 j 02:38	0°♑			596 Dec 18 j 14:23	0°♈	
	592 Apr 17 j 23:56	0°♉			597 Jan 17 j 02:36	0°♐	
	592 May 19 j 07:13	0°♊			597 Feb 15 j 23:00	0°♋	
	592 Jun 09 j 07:44	20°♊01'46	1.01725 AU		597 Mar 18 j 07:27	0°♑	
	592 Jun 19 j 18:51	0°♎			597 Apr 18 j 04:42	0°♉	
	592 Jul 21 j 03:51	0°♏		max. Earth dist.	597 May 19 j 12:01	0°♊	
max. Earth dist.	592 Aug 21 j 04:03	0°♑			597 Jun 09 j 11:05	19°♊58'22	1.01727 AU

	597 Jun 19 j 23:42	0°☾	
	597 Jul 21 j 08:48	0°♈	
	597 Aug 21 j 09:07	0°♊	
	597 Sep 20 j 21:02	0°♉	
	597 Oct 20 j 20:23	0°♊	
	597 Nov 19 j 10:16	0°♊	
min. Earth dist.	597 Dec 06 j 21:03	17°♊47'34	0.98269 AU
	597 Dec 18 j 20:07	0°♊	
	598 Jan 17 j 08:19	0°♊	
	598 Feb 16 j 04:42	0°♊	
	598 Mar 18 j 13:10	0°♊	
	598 Apr 18 j 10:26	0°♊	
	598 May 19 j 17:47	0°♊	
max. Earth dist.	598 Jun 08 j 19:24	19°♊07'06	1.01734 AU
	598 Jun 20 j 05:32	0°☾	
	598 Jul 21 j 14:40	0°♈	
	598 Aug 21 j 15:00	0°♊	
	598 Sep 21 j 02:54	0°♉	
	598 Oct 21 j 02:16	0°♊	
min. Earth dist.	598 Nov 19 j 16:11	0°♊	
	598 Dec 09 j 12:21	20°♊14'10	0.98274 AU
	598 Dec 19 j 02:05	0°♊	
	599 Jan 17 j 14:19	0°♊	
	599 Feb 16 j 10:45	0°♊	
	599 Mar 18 j 19:11	0°♊	
	599 Apr 18 j 16:25	0°♊	
	599 May 19 j 23:42	0°♊	
max. Earth dist.	599 Jun 07 j 16:06	17°♊48'29	1.01725 AU
	599 Jun 20 j 11:23	0°☾	
	599 Jul 21 j 20:28	0°♈	
	599 Aug 21 j 20:45	0°♊	
	599 Sep 21 j 08:39	0°♉	
	599 Oct 21 j 08:01	0°♊	
min. Earth dist.	599 Nov 19 j 21:59	0°♊	
	599 Dec 08 j 09:24	18°♊50'31	0.98273 AU
	599 Dec 19 j 07:56	0°♊	
	600 Jan 17 j 20:15	0°♊	
	600 Feb 16 j 16:42	0°♊	
	600 Mar 18 j 01:07	0°♊	
	600 Apr 17 j 22:18	0°♊	
	600 May 19 j 05:31	0°♊	
max. Earth dist.	600 Jun 09 j 15:27	20°♊24'16	1.01724 AU
	600 Jun 19 j 17:08	0°☾	
	600 Jul 21 j 02:12	0°♈	
	600 Aug 21 j 02:31	0°♊	
	600 Sep 20 j 14:27	0°♉	
	600 Oct 20 j 13:50	0°♊	
min. Earth dist.	600 Nov 19 j 03:46	0°♊	
	600 Dec 06 j 20:27	18°♊02'30	0.98276 AU
	600 Dec 18 j 13:41	0°♊	
	601 Jan 17 j 01:56	0°♊	
	601 Feb 15 j 22:22	0°♊	
	601 Mar 18 j 06:49	0°♊	
	601 Apr 18 j 04:02	0°♊	
	601 May 19 j 11:19	0°♊	
max. Earth dist.	601 Jun 07 j 23:31	18°♊35'27	1.01729 AU
	601 Jun 19 j 23:00	0°☾	
	601 Jul 21 j 08:07	0°♈	
	601 Aug 21 j 08:29	0°♊	
	601 Sep 20 j 20:27	0°♉	
	601 Oct 20 j 19:50	0°♊	
min. Earth dist.	601 Nov 19 j 09:46	0°♊	
	601 Dec 09 j 06:08	20°♊14'48	0.98272 AU
	601 Dec 18 j 19:39	0°♊	