































































































































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	2000 Jan 20 18:23	0°00'			2004 Sep 22 16:30	0°00'	
	2000 Feb 19 08:33	0°00'			2004 Oct 23 01:49	0°00'	
	2000 Mar 20 07:35	0°00'			2004 Nov 21 23:22	0°00'	
	2000 Apr 19 18:40	0°00'			2004 Dec 21 12:42	0°00'	
	2000 May 20 17:49	0°00'		min. Earth dist.	2005 Jan 02 00:35	11°34'23.6	0.98330 AU
	2000 Jun 21 01:48	0°00'			2005 Jan 19 23:22	0°00'	
max. Earth dist.	2000 Jul 03 23:49	12°05'19.17	1.01674 AU		2005 Feb 18 13:32	0°00'	
	2000 Jul 22 12:43	0°00'			2005 Mar 20 12:33	0°00'	
	2000 Aug 22 19:49	0°00'			2005 Apr 19 23:37	0°00'	
	2000 Sep 22 17:28	0°00'			2005 May 20 22:47	0°00'	
	2000 Oct 23 02:47	0°00'			2005 Jun 21 06:46	0°00'	
	2000 Nov 22 00:19	0°00'		max. Earth dist.	2005 Jul 05 04:58	13°05'16.44	1.01674 AU
	2000 Dec 21 13:37	0°00'			2005 Jul 22 17:41	0°00'	
min. Earth dist.	2001 Jan 04 08:52	14°30'04.04	0.98329 AU		2005 Aug 23 00:45	0°00'	
	2001 Jan 20 00:16	0°00'			2005 Sep 22 22:23	0°00'	
	2001 Feb 18 14:27	0°00'			2005 Oct 23 07:42	0°00'	
	2001 Mar 20 13:31	0°00'			2005 Nov 22 05:15	0°00'	
	2001 Apr 20 00:36	0°00'			2005 Dec 21 18:35	0°00'	
	2001 May 20 23:44	0°00'		min. Earth dist.	2006 Jan 04 15:30	14°30'08.18	0.98333 AU
	2001 Jun 21 07:38	0°00'			2006 Jan 20 05:15	0°00'	
max. Earth dist.	2001 Jul 04 13:37	12°05'38.14	1.01664 AU		2006 Feb 18 19:26	0°00'	
	2001 Jul 22 18:26	0°00'			2006 Mar 20 18:26	0°00'	
	2001 Aug 23 01:27	0°00'			2006 Apr 20 05:26	0°00'	
	2001 Sep 22 23:04	0°00'			2006 May 21 04:32	0°00'	
	2001 Oct 23 08:26	0°00'			2006 Jun 21 12:26	0°00'	
	2001 Nov 22 06:00	0°00'		max. Earth dist.	2006 Jul 03 23:10	11°05'52.28	1.01670 AU
	2001 Dec 21 19:21	0°00'			2006 Jul 22 23:18	0°00'	
min. Earth dist.	2002 Jan 02 14:09	12°30'00.12	0.98329 AU		2006 Aug 23 06:23	0°00'	
	2002 Jan 20 06:02	0°00'			2006 Sep 23 04:03	0°00'	
	2002 Feb 18 20:13	0°00'			2006 Oct 23 13:26	0°00'	
	2002 Mar 20 19:16	0°00'			2006 Nov 22 11:02	0°00'	
	2002 Apr 20 06:20	0°00'			2006 Dec 22 00:22	0°00'	
	2002 May 21 05:29	0°00'		min. Earth dist.	2007 Jan 03 19:47	13°30'03.07	0.98326 AU
	2002 Jun 21 13:24	0°00'			2007 Jan 20 11:01	0°00'	
max. Earth dist.	2002 Jul 06 03:47	13°05'55.15	1.01669 AU		2007 Feb 19 01:09	0°00'	
	2002 Jul 23 00:15	0°00'			2007 Mar 21 00:07	0°00'	
	2002 Aug 23 07:17	0°00'			2007 Apr 20 11:07	0°00'	
	2002 Sep 23 04:55	0°00'			2007 May 21 10:12	0°00'	
	2002 Oct 23 14:18	0°00'			2007 Jun 21 18:06	0°00'	
	2002 Nov 22 11:54	0°00'		max. Earth dist.	2007 Jul 06 23:52	14°05'31.49	1.01671 AU
	2002 Dec 22 01:14	0°00'			2007 Jul 23 05:00	0°00'	
min. Earth dist.	2003 Jan 04 05:01	13°30'24.34	0.98332 AU		2007 Aug 23 12:08	0°00'	
	2003 Jan 20 11:53	0°00'			2007 Sep 23 09:51	0°00'	
	2003 Feb 19 02:00	0°00'			2007 Oct 23 19:15	0°00'	
	2003 Mar 21 01:00	0°00'			2007 Nov 22 16:50	0°00'	
	2003 Apr 20 12:03	0°00'			2007 Dec 22 06:08	0°00'	
	2003 May 21 11:12	0°00'		min. Earth dist.	2008 Jan 02 23:50	11°30'57.32	0.98328 AU
	2003 Jun 21 19:10	0°00'			2008 Jan 20 16:44	0°00'	
max. Earth dist.	2003 Jul 04 05:40	11°05'51.51	1.01673 AU		2008 Feb 19 06:50	0°00'	
	2003 Jul 23 06:04	0°00'			2008 Mar 20 05:48	0°00'	
	2003 Aug 23 13:08	0°00'			2008 Apr 19 16:51	0°00'	
	2003 Sep 23 10:47	0°00'			2008 May 20 16:01	0°00'	
	2003 Oct 23 20:08	0°00'			2008 Jun 20 23:59	0°00'	
	2003 Nov 22 17:43	0°00'		max. Earth dist.	2008 Jul 04 07:41	12°05'42.16	1.01675 AU
	2003 Dec 22 07:04	0°00'			2008 Jul 22 10:55	0°00'	
min. Earth dist.	2004 Jan 04 17:41	13°30'41.59	0.98326 AU		2008 Aug 22 18:02	0°00'	
	2004 Jan 20 17:42	0°00'			2008 Sep 22 15:44	0°00'	
	2004 Feb 19 07:50	0°00'			2008 Oct 23 01:09	0°00'	
	2004 Mar 20 06:49	0°00'			2008 Nov 21 22:44	0°00'	
	2004 Apr 19 17:50	0°00'			2008 Dec 21 12:04	0°00'	
	2004 May 20 16:59	0°00'		min. Earth dist.	2009 Jan 04 15:29	14°30'24.59	0.98327 AU
	2004 Jun 21 00:57	0°00'			2009 Jan 19 22:40	0°00'	
max. Earth dist.	2004 Jul 05 10:53	13°05'44.38	1.01669 AU		2009 Feb 18 12:46	0°00'	
	2004 Jul 22 11:50	0°00'			2009 Mar 20 11:44	0°00'	

	2009 Apr 19 22:44	0°♄		2014 Jan 20 03:51	0°♁	
	2009 May 20 21:51	0°♂		2014 Feb 18 17:59	0°♄	
	2009 Jun 21 05:46	0°♂		2014 Mar 20 16:57	0°♂	
max. Earth dist.	2009 Jul 04 01:40	12°♂14'16	1.01667 AU	2014 Apr 20 03:56	0°♄	
	2009 Jul 22 16:36	0°♂		2014 May 21 02:59	0°♂	
	2009 Aug 22 23:39	0°♄		2014 Jun 21 10:51	0°♂	
	2009 Sep 22 21:19	0°♂		2014 Jul 04 00:13	11°♂58'48	1.01668 AU
	2009 Oct 23 06:43	0°♂		2014 Jul 22 21:41	0°♂	
	2009 Nov 22 04:23	0°♄		2014 Aug 23 04:46	0°♄	
	2009 Dec 21 17:47	0°♄		2014 Sep 23 02:29	0°♂	
min. Earth dist.	2010 Jan 03 00:10	12°♄29'45	0.98329 AU	2014 Oct 23 11:57	0°♂	
	2010 Jan 20 04:28	0°♁		2014 Nov 22 09:38	0°♄	
	2010 Feb 18 18:36	0°♄		2014 Dec 21 23:03	0°♄	
	2010 Mar 20 17:32	0°♂		2015 Jan 04 06:37	13°♄34'06	0.98328 AU
	2010 Apr 20 04:30	0°♄		2015 Jan 20 09:43	0°♁	
	2010 May 21 03:34	0°♂		2015 Feb 18 23:50	0°♄	
	2010 Jun 21 11:28	0°♂		2015 Mar 20 22:45	0°♂	
max. Earth dist.	2010 Jul 06 11:30	14°♂18'10	1.01670 AU	2015 Apr 20 09:42	0°♄	
	2010 Jul 22 22:21	0°♂		2015 May 21 08:45	0°♂	
	2010 Aug 23 05:27	0°♄		2015 Jun 21 16:38	0°♂	
	2010 Sep 23 03:09	0°♂		2015 Jul 06 19:41	14°♂25'23	1.01668 AU
	2010 Oct 23 12:35	0°♂		2015 Jul 23 03:30	0°♂	
	2010 Nov 22 10:15	0°♄		2015 Aug 23 10:37	0°♄	
	2010 Dec 21 23:38	0°♄		2015 Sep 23 08:21	0°♂	
min. Earth dist.	2011 Jan 03 18:30	13°♄01'41	0.98334 AU	2015 Oct 23 17:47	0°♂	
	2011 Jan 20 10:19	0°♁		2015 Nov 22 15:25	0°♄	
	2011 Feb 19 00:25	0°♄		2015 Dec 22 04:48	0°♄	
	2011 Mar 20 23:21	0°♂		2016 Jan 02 22:49	11°♄58'13	0.98330 AU
	2011 Apr 20 10:17	0°♄		2016 Jan 20 15:27	0°♁	
	2011 May 21 09:21	0°♂		2016 Feb 19 05:34	0°♄	
	2011 Jun 21 17:16	0°♂		2016 Mar 20 04:30	0°♂	
max. Earth dist.	2011 Jul 04 14:54	12°♂18'23	1.01674 AU	2016 Apr 19 15:29	0°♄	
	2011 Jul 23 04:12	0°♂		2016 May 20 14:36	0°♂	
	2011 Aug 23 11:21	0°♄		2016 Jun 20 22:34	0°♂	
	2011 Sep 23 09:05	0°♂		2016 Jul 04 16:24	13°♂06'23	1.01675 AU
	2011 Oct 23 18:30	0°♂		2016 Jul 22 09:30	0°♂	
	2011 Nov 22 16:08	0°♄		2016 Aug 22 16:38	0°♄	
	2011 Dec 22 05:30	0°♄		2016 Sep 22 14:21	0°♂	
min. Earth dist.	2012 Jan 05 00:32	14°♄03'27	0.98328 AU	2016 Oct 22 23:46	0°♂	
	2012 Jan 20 16:10	0°♁		2016 Nov 21 21:22	0°♄	
	2012 Feb 19 06:18	0°♄		2016 Dec 21 10:44	0°♄	
	2012 Mar 20 05:14	0°♂		2017 Jan 04 14:18	14°♄25'15	0.98331 AU
	2012 Apr 19 16:12	0°♄		2017 Jan 19 21:24	0°♁	
	2012 May 20 15:16	0°♂		2017 Feb 18 11:31	0°♄	
	2012 Jun 20 23:09	0°♂		2017 Mar 20 10:29	0°♂	
max. Earth dist.	2012 Jul 05 03:32	13°♂31'30	1.01668 AU	2017 Apr 19 21:27	0°♄	
	2012 Jul 22 10:01	0°♂		2017 May 20 20:31	0°♂	
	2012 Aug 22 17:07	0°♄		2017 Jun 21 04:24	0°♂	
	2012 Sep 22 14:49	0°♂		2017 Jul 03 20:11	12°♂04'28	1.01668 AU
	2012 Oct 23 00:14	0°♂		2017 Jul 22 15:15	0°♂	
	2012 Nov 21 21:50	0°♄		2017 Aug 22 22:20	0°♄	
	2012 Dec 21 11:12	0°♄		2017 Sep 22 20:02	0°♂	
min. Earth dist.	2013 Jan 02 04:38	11°♄56'44	0.98329 AU	2017 Oct 23 05:27	0°♂	
	2013 Jan 19 21:52	0°♁		2017 Nov 22 03:05	0°♄	
	2013 Feb 18 12:02	0°♄		2017 Dec 21 16:28	0°♄	
	2013 Mar 20 11:02	0°♂		2018 Jan 03 05:34	12°♄46'54	0.98328 AU
	2013 Apr 19 22:03	0°♄		2018 Jan 20 03:09	0°♁	
	2013 May 20 21:10	0°♂		2018 Feb 18 17:18	0°♄	
	2013 Jun 21 05:04	0°♂		2018 Mar 20 16:15	0°♂	
max. Earth dist.	2013 Jul 05 14:44	13°♂44'05	1.01671 AU	2018 Apr 20 03:13	0°♄	
	2013 Jul 22 15:56	0°♂		2018 May 21 02:15	0°♂	
	2013 Aug 22 23:02	0°♄		2018 Jun 21 10:07	0°♂	
	2013 Sep 22 20:44	0°♂		2018 Jul 06 16:47	14°♂33'58	1.01670 AU
	2013 Oct 23 06:10	0°♂		2018 Jul 22 21:00	0°♂	
	2013 Nov 22 03:48	0°♄		2018 Aug 23 04:09	0°♄	
	2013 Dec 21 17:11	0°♄		2018 Sep 23 01:54	0°♂	
min. Earth dist.	2014 Jan 04 11:58	14°♄02'50	0.98333 AU	2018 Oct 23 11:22	0°♂	

	2018 Nov 22 09:01	0°♏			2023 Aug 23 09:01	0°♐		
	2018 Dec 21 22:23	0°♑			2023 Sep 23 06:50	0°♒		
min. Earth dist.	2019 Jan 03 05:20	12°♑31'21	0.98330 AU		2023 Oct 23 16:21	0°♓		
	2019 Jan 20 09:00	0°♒			2023 Nov 22 14:03	0°♏		
	2019 Feb 18 23:04	0°♐			2023 Dec 22 03:27	0°♑		
	2019 Mar 20 21:58	0°♑		min. Earth dist.	2024 Jan 03 00:38	12°♑06'16	0.98331 AU	
	2019 Apr 20 08:55	0°♒			2024 Jan 20 14:07	0°♒		
	2019 May 21 07:59	0°♓			2024 Feb 19 04:13	0°♐		
	2019 Jun 21 15:54	0°♑			2024 Mar 20 03:06	0°♑		
max. Earth dist.	2019 Jul 04 22:11	12°♑38'57	1.01675 AU		2024 Apr 19 14:00	0°♒		
	2019 Jul 23 02:50	0°♓			2024 May 20 13:00	0°♓		
	2019 Aug 23 10:02	0°♐			2024 Jun 20 20:51	0°♑		
	2019 Sep 23 07:50	0°♒		max. Earth dist.	2024 Jul 05 05:06	13°♑40'45	1.01673 AU	
	2019 Oct 23 17:20	0°♓			2024 Jul 22 07:44	0°♓		
	2019 Nov 22 14:59	0°♏			2024 Aug 22 14:55	0°♐		
	2019 Dec 22 04:19	0°♑			2024 Sep 22 12:44	0°♒		
min. Earth dist.	2020 Jan 05 07:48	14°♑25'04	0.98324 AU		2024 Oct 22 22:15	0°♓		
	2020 Jan 20 14:55	0°♒			2024 Nov 21 19:56	0°♏		
	2020 Feb 19 04:57	0°♐			2024 Dec 21 09:21	0°♑		
	2020 Mar 20 03:50	0°♑		min. Earth dist.	2025 Jan 04 13:29	14°♑26'43	0.98333 AU	
	2020 Apr 19 14:45	0°♒			2025 Jan 19 20:00	0°♒		
	2020 May 20 13:49	0°♓			2025 Feb 18 10:07	0°♐		
	2020 Jun 20 21:44	0°♑			2025 Mar 20 09:01	0°♑		
max. Earth dist.	2020 Jul 04 11:34	12°♑56'53	1.01669 AU		2025 Apr 19 19:56	0°♒		
	2020 Jul 22 08:37	0°♓			2025 May 20 18:55	0°♓		
	2020 Aug 22 15:45	0°♐			2025 Jun 21 02:42	0°♑		
	2020 Sep 22 13:31	0°♒		max. Earth dist.	2025 Jul 03 19:55	12°♑08'00	1.01664 AU	
	2020 Oct 22 23:00	0°♓			2025 Jul 22 13:29	0°♓		
	2020 Nov 21 20:40	0°♏			2025 Aug 22 20:34	0°♐		
	2020 Dec 21 10:02	0°♑			2025 Sep 22 18:19	0°♒		
min. Earth dist.	2021 Jan 02 13:50	12°♑23'09	0.98326 AU		2025 Oct 23 03:51	0°♓		
	2021 Jan 19 20:40	0°♒			2025 Nov 22 01:36	0°♏		
	2021 Feb 18 10:44	0°♐			2025 Dec 21 15:03	0°♑		
	2021 Mar 20 09:37	0°♑		min. Earth dist.	2026 Jan 03 17:17	13°♑20'25	0.98330 AU	
	2021 Apr 19 20:33	0°♒			2026 Jan 20 01:45	0°♒		
	2021 May 20 19:37	0°♓			2026 Feb 18 15:52	0°♐		
	2021 Jun 21 03:32	0°♑			2026 Mar 20 14:46	0°♑		
max. Earth dist.	2021 Jul 05 22:27	14°♑06'02	1.01673 AU		2026 Apr 20 01:39	0°♒		
	2021 Jul 22 14:26	0°♓			2026 May 21 00:37	0°♓		
	2021 Aug 22 21:35	0°♐			2026 Jun 21 08:25	0°♑		
	2021 Sep 22 19:21	0°♒		max. Earth dist.	2026 Jul 06 17:31	14°♑39'54	1.01664 AU	
	2021 Oct 23 04:51	0°♓			2026 Jul 22 19:13	0°♓		
	2021 Nov 22 02:34	0°♏			2026 Aug 23 02:19	0°♐		
	2021 Dec 21 15:59	0°♑			2026 Sep 23 00:05	0°♒		
min. Earth dist.	2022 Jan 04 06:54	13°♑52'53	0.98334 AU		2026 Oct 23 09:38	0°♓		
	2022 Jan 20 02:39	0°♒			2026 Nov 22 07:23	0°♏		
	2022 Feb 18 16:43	0°♐			2026 Dec 21 20:50	0°♑		
	2022 Mar 20 15:33	0°♑		min. Earth dist.	2027 Jan 03 02:33	12°♑28'03	0.98333 AU	
	2022 Apr 20 02:24	0°♒			2027 Jan 20 07:30	0°♒		
	2022 May 21 01:23	0°♓			2027 Feb 18 21:33	0°♐		
	2022 Jun 21 09:14	0°♑			2027 Mar 20 20:25	0°♑		
max. Earth dist.	2022 Jul 04 07:11	12°♑19'13	1.01672 AU		2027 Apr 20 07:18	0°♒		
	2022 Jul 22 20:07	0°♓			2027 May 21 06:18	0°♓		
	2022 Aug 23 03:16	0°♐			2027 Jun 21 14:11	0°♑		
	2022 Sep 23 01:04	0°♒		max. Earth dist.	2027 Jul 05 05:06	12°♑59'32	1.01673 AU	
	2022 Oct 23 10:36	0°♓			2027 Jul 23 01:05	0°♓		
	2022 Nov 22 08:20	0°♏			2027 Aug 23 08:14	0°♐		
	2022 Dec 21 21:48	0°♑			2027 Sep 23 06:02	0°♒		
min. Earth dist.	2023 Jan 04 16:18	14°♑01'58	0.98330 AU		2027 Oct 23 15:33	0°♓		
	2023 Jan 20 08:30	0°♒			2027 Nov 22 13:16	0°♏		
	2023 Feb 18 22:34	0°♐			2027 Dec 22 02:42	0°♑		
	2023 Mar 20 21:24	0°♑		min. Earth dist.	2028 Jan 05 12:28	14°♑41'03	0.98331 AU	
	2023 Apr 20 08:14	0°♒			2028 Jan 20 13:22	0°♒		
	2023 May 21 07:09	0°♓			2028 Feb 19 03:26	0°♐		
	2023 Jun 21 14:58	0°♑			2028 Mar 20 02:17	0°♑		
max. Earth dist.	2023 Jul 06 20:07	14°♑30'27	1.01668 AU		2028 Apr 19 13:09	0°♒		
	2023 Jul 23 01:50	0°♓			2028 May 20 12:10	0°♓		

	2028 Jun 20 20:02	0°☿			2033 Mar 20 07:23	0°♈		
max. Earth dist.	2028 Jul 03 22:18	12°☿29'24	1.01668 AU		2033 Apr 19 18:13	0°♉		
	2028 Jul 22 06:54	0°♊			2033 May 20 17:11	0°♊		
	2028 Aug 22 14:01	0°♋			2033 Jun 21 01:01	0°☿		
	2028 Sep 22 11:45	0°♌		max. Earth dist.	2033 Jul 03 20:52	12°☿14'14	1.01669 AU	
	2028 Oct 22 21:13	0°♍			2033 Jul 22 11:53	0°♊		
	2028 Nov 21 18:54	0°♎			2033 Aug 22 19:02	0°♋		
min. Earth dist.	2028 Dec 21 08:20	0°♏			2033 Sep 22 16:52	0°♌		
	2029 Jan 02 18:13	12°♏38'41	0.98329 AU		2033 Oct 23 02:28	0°♍		
	2029 Jan 19 19:01	0°♐			2033 Nov 22 00:16	0°♎		
	2029 Feb 18 09:08	0°♑			2033 Dec 21 13:46	0°♏		
	2029 Mar 20 08:02	0°♒		min. Earth dist.	2034 Jan 04 04:47	13°♏53'02	0.98329 AU	
	2029 Apr 19 18:56	0°♓			2034 Jan 20 00:27	0°♐		
	2029 May 20 17:56	0°♈			2034 Feb 18 14:30	0°♑		
	2029 Jun 21 01:48	0°☿			2034 Mar 20 13:17	0°♒		
max. Earth dist.	2029 Jul 06 05:12	14°☿26'12	1.01671 AU		2034 Apr 20 00:04	0°♓		
	2029 Jul 22 12:42	0°♊			2034 May 20 22:57	0°♈		
	2029 Aug 22 19:52	0°♋			2034 Jun 21 06:44	0°☿		
	2029 Sep 22 17:39	0°♌		max. Earth dist.	2034 Jul 06 18:49	14°☿46'57	1.01667 AU	
	2029 Oct 23 03:08	0°♍			2034 Jul 22 17:36	0°♊		
	2029 Nov 22 00:49	0°♎			2034 Aug 23 00:48	0°♋		
	2029 Dec 21 14:14	0°♏			2034 Sep 22 22:40	0°♌		
min. Earth dist.	2030 Jan 03 10:14	13°♏04'35	0.98334 AU		2034 Oct 23 08:16	0°♍		
	2030 Jan 20 00:54	0°♐			2034 Nov 22 06:05	0°♎		
	2030 Feb 18 15:00	0°♑			2034 Dec 21 19:34	0°♏		
	2030 Mar 20 13:52	0°♒		min. Earth dist.	2035 Jan 03 00:55	12°♏27'03	0.98332 AU	
	2030 Apr 20 00:44	0°♓			2035 Jan 20 06:14	0°♐		
	2030 May 20 23:41	0°♈			2035 Feb 18 20:16	0°♑		
	2030 Jun 21 07:31	0°☿			2035 Mar 20 19:03	0°♒		
max. Earth dist.	2030 Jul 04 12:57	12°☿37'03	1.01672 AU		2035 Apr 20 05:49	0°♓		
	2030 Jul 22 18:25	0°♊			2035 May 21 04:43	0°♈		
	2030 Aug 23 01:36	0°♋			2035 Jun 21 12:33	0°☿		
	2030 Sep 22 23:27	0°♌		max. Earth dist.	2035 Jul 05 18:22	13°☿34'59	1.01674 AU	
	2030 Oct 23 09:01	0°♍			2035 Jul 22 23:29	0°♊		
	2030 Nov 22 06:45	0°♎			2035 Aug 23 06:44	0°♋		
	2030 Dec 21 20:10	0°♏			2035 Sep 23 04:39	0°♌		
min. Earth dist.	2031 Jan 04 20:48	14°♏17'45	0.98327 AU		2035 Oct 23 14:16	0°♍		
	2031 Jan 20 06:48	0°♐			2035 Nov 22 12:03	0°♎		
	2031 Feb 18 20:51	0°♑			2035 Dec 22 01:31	0°♏		
	2031 Mar 20 19:41	0°♒		min. Earth dist.	2036 Jan 05 14:17	14°♏48'42	0.98332 AU	
	2031 Apr 20 06:31	0°♓			2036 Jan 20 12:11	0°♐		
	2031 May 21 05:28	0°♈			2036 Feb 19 02:14	0°♑		
	2031 Jun 21 13:17	0°☿			2036 Mar 20 01:03	0°♒		
max. Earth dist.	2031 Jul 06 07:10	14°☿03'40	1.01669 AU		2036 Apr 19 11:50	0°♓		
	2031 Jul 23 00:10	0°♊			2036 May 20 10:45	0°♈		
	2031 Aug 23 07:23	0°♋			2036 Jun 20 18:32	0°☿		
	2031 Sep 23 05:15	0°♌		max. Earth dist.	2036 Jul 03 21:17	12°☿30'40	1.01666 AU	
	2031 Oct 23 14:49	0°♍			2036 Jul 22 05:23	0°♊		
	2031 Nov 22 12:33	0°♎			2036 Aug 22 12:32	0°♋		
	2031 Dec 22 01:56	0°♏			2036 Sep 22 10:23	0°♌		
min. Earth dist.	2032 Jan 03 05:12	12°♏21'50	0.98325 AU		2036 Oct 22 19:59	0°♍		
	2032 Jan 20 12:31	0°♐			2036 Nov 21 17:45	0°♎		
	2032 Feb 19 02:32	0°♑			2036 Dec 21 07:13	0°♏		
	2032 Mar 20 01:22	0°♒		min. Earth dist.	2037 Jan 03 04:00	13°♏06'29	0.98329 AU	
	2032 Apr 19 12:14	0°♓			2037 Jan 19 17:54	0°♐		
	2032 May 20 11:15	0°♈			2037 Feb 18 07:59	0°♑		
	2032 Jun 20 19:09	0°☿			2037 Mar 20 06:50	0°♒		
max. Earth dist.	2032 Jul 05 11:53	14°☿00'53	1.01675 AU		2037 Apr 19 17:40	0°♓		
	2032 Jul 22 06:05	0°♊			2037 May 20 16:35	0°♈		
	2032 Aug 22 13:18	0°♋			2037 Jun 21 00:22	0°☿		
	2032 Sep 22 11:11	0°♌		max. Earth dist.	2037 Jul 06 12:06	14°☿46'07	1.01667 AU	
	2032 Oct 22 20:46	0°♍			2037 Jul 22 11:13	0°♊		
	2032 Nov 21 18:31	0°♎			2037 Aug 22 18:22	0°♋		
	2032 Dec 21 07:56	0°♏			2037 Sep 22 16:13	0°♌		
min. Earth dist.	2033 Jan 04 11:50	14°♏26'07	0.98330 AU		2037 Oct 23 01:50	0°♍		
	2033 Jan 19 18:33	0°♐			2037 Nov 21 23:38	0°♎		
	2033 Feb 18 08:34	0°♑			2037 Dec 21 13:08	0°♏		

min. Earth dist.	2038 Jan 03 05:01	12°  54'00	0.98335 AU		2042 Oct 23 06:50	0° 	
	2038 Jan 19 23:49	0° 			2042 Nov 22 04:37	0° 	
	2038 Feb 18 13:52	0° 			2042 Dec 21 18:04	0° 	
	2038 Mar 20 12:41	0° 		min. Earth dist.	2043 Jan 02 22:16	12°  24'08	0.98329 AU
	2038 Apr 19 23:29	0° 			2043 Jan 20 04:42	0° 	
	2038 May 20 22:23	0° 			2043 Feb 18 18:42	0° 	
	2038 Jun 21 06:09	0° 			2043 Mar 20 17:28	0° 	
max. Earth dist.	2038 Jul 04 19:46	12°  56'34	1.01669 AU		2043 Apr 20 04:14	0° 	
	2038 Jul 22 17:00	0° 			2043 May 21 03:09	0° 	
	2038 Aug 23 00:10	0° 			2043 Jun 21 10:58	0° 	
	2038 Sep 22 22:02	0° 		max. Earth dist.	2043 Jul 06 02:24	13°  57'52	1.01674 AU
	2038 Oct 23 07:41	0° 			2043 Jul 22 21:53	0° 	
	2038 Nov 22 05:31	0° 			2043 Aug 23 05:10	0° 	
	2038 Dec 21 19:02	0° 			2043 Sep 23 03:07	0° 	
min. Earth dist.	2039 Jan 05 06:42	14°  45'48	0.98331 AU		2043 Oct 23 12:47	0° 	
	2039 Jan 20 05:44	0° 			2043 Nov 22 10:35	0° 	
	2039 Feb 18 19:46	0° 			2043 Dec 22 00:01	0° 	
	2039 Mar 20 18:32	0° 		min. Earth dist.	2044 Jan 05 12:51	14°  48'54	0.98329 AU
	2039 Apr 20 05:18	0° 			2044 Jan 20 10:37	0° 	
	2039 May 21 04:11	0° 			2044 Feb 19 00:36	0° 	
	2039 Jun 21 11:57	0° 			2044 Mar 19 23:21	0° 	
max. Earth dist.	2039 Jul 05 13:26	13°  52'40	1.01666 AU		2044 Apr 19 10:07	0° 	
	2039 Jul 22 22:48	0° 			2044 May 20 09:02	0° 	
	2039 Aug 23 05:59	0° 			2044 Jun 20 16:51	0° 	
	2039 Sep 23 03:50	0° 		max. Earth dist.	2044 Jul 03 15:24	12°  50'40	1.01670 AU
	2039 Oct 23 13:25	0° 			2044 Jul 22 03:43	0° 	
	2039 Nov 22 11:12	0° 			2044 Aug 22 10:55	0° 	
	2039 Dec 22 00:41	0° 			2044 Sep 22 08:48	0° 	
min. Earth dist.	2040 Jan 03 11:33	12°  41'08	0.98329 AU		2044 Oct 22 18:26	0° 	
	2040 Jan 20 11:21	0° 			2044 Nov 21 16:15	0° 	
	2040 Feb 19 01:24	0° 			2044 Dec 21 05:44	0° 	
	2040 Mar 20 00:12	0° 		min. Earth dist.	2045 Jan 03 14:57	13°  38'15	0.98327 AU
	2040 Apr 19 11:00	0° 			2045 Jan 19 16:22	0° 	
	2040 May 20 09:56	0° 			2045 Feb 18 06:22	0° 	
	2040 Jun 20 17:46	0° 			2045 Mar 20 05:08	0° 	
max. Earth dist.	2040 Jul 05 19:02	14°  52'09	1.01673 AU		2045 Apr 19 15:53	0° 	
	2040 Jul 22 04:41	0° 			2045 May 20 14:46	0° 	
	2040 Aug 22 11:53	0° 			2045 Jun 20 22:34	0° 	
	2040 Sep 22 09:45	0° 		max. Earth dist.	2045 Jul 06 12:51	14°  52'10	1.01669 AU
	2040 Oct 22 19:20	0° 			2045 Jul 22 09:27	0° 	
	2040 Nov 21 17:06	0° 			2045 Aug 22 16:39	0° 	
	2040 Dec 21 06:33	0° 			2045 Sep 22 14:33	0° 	
min. Earth dist.	2041 Jan 03 21:53	13°  53'56	0.98335 AU		2045 Oct 23 00:13	0° 	
	2041 Jan 19 17:13	0° 			2045 Nov 21 22:04	0° 	
	2041 Feb 18 07:17	0° 			2045 Dec 21 11:35	0° 	
	2041 Mar 20 06:07	0° 		min. Earth dist.	2046 Jan 03 00:58	12°  47'34	0.98335 AU
	2041 Apr 19 16:55	0° 			2046 Jan 19 22:16	0° 	
	2041 May 20 15:49	0° 			2046 Feb 18 12:16	0° 	
	2041 Jun 20 23:36	0° 			2046 Mar 20 10:58	0° 	
max. Earth dist.	2041 Jul 04 01:38	12°  52'02	1.01669 AU		2046 Apr 19 21:39	0° 	
	2041 Jul 22 10:27	0° 			2046 May 20 20:29	0° 	
	2041 Aug 22 17:36	0° 			2046 Jun 21 04:15	0° 	
	2041 Sep 22 15:27	0° 		max. Earth dist.	2046 Jul 05 06:06	13°  52'39	1.01673 AU
	2041 Oct 23 01:02	0° 			2046 Jul 22 15:09	0° 	
	2041 Nov 21 22:49	0° 			2046 Aug 22 22:25	0° 	
	2041 Dec 21 12:18	0° 			2046 Sep 22 20:22	0° 	
min. Earth dist.	2042 Jan 04 09:08	14°  07'53	0.98330 AU		2046 Oct 23 06:04	0° 	
	2042 Jan 19 23:00	0° 			2046 Nov 22 03:56	0° 	
	2042 Feb 18 13:04	0° 			2046 Dec 21 17:29	0° 	
	2042 Mar 20 11:53	0° 		min. Earth dist.	2047 Jan 05 11:44	15°  02'38	0.98332 AU
	2042 Apr 19 22:40	0° 			2047 Jan 20 04:10	0° 	
	2042 May 20 21:31	0° 			2047 Feb 18 18:10	0° 	
	2042 Jun 21 05:16	0° 			2047 Mar 20 16:53	0° 	
max. Earth dist.	2042 Jul 06 13:10	14° 53'04	1.01666 AU		2047 Apr 20 03:33	0°	
	2042 Jul 22 16:06	0°			2047 May 21 02:20	0°	
	2042 Aug 22 23:18	0°			2047 Jun 21 10:04	0°	
	2042 Sep 22 21:12	0°		max. Earth dist.	2047 Jul 05 06:32	13° 52'51	1.01667 AU

	2047 Jul 22 20:56	0°♏			2052 May 20 07:29	0°♐		
	2047 Aug 23 04:11	0°♑			2052 Jun 20 15:16	0°♑		
	2047 Sep 23 02:08	0°♒		max. Earth dist.	2052 Jul 03 16:38	12°♑27'24	1.01670 AU	
	2047 Oct 23 11:49	0°♓			2052 Jul 22 02:09	0°♏		
	2047 Nov 22 09:38	0°♑			2052 Aug 22 09:22	0°♑		
	2047 Dec 21 23:07	0°♒			2052 Sep 22 07:16	0°♒		
min. Earth dist.	2048 Jan 03 18:06	13°♒01'49	0.98328 AU		2052 Oct 22 16:55	0°♓		
	2048 Jan 20 09:47	0°♓			2052 Nov 21 14:46	0°♑		
	2048 Feb 18 23:49	0°♑			2052 Dec 21 04:17	0°♒		
	2048 Mar 19 22:34	0°♑		min. Earth dist.	2053 Jan 03 22:18	14°♒00'37	0.98330 AU	
	2048 Apr 19 09:17	0°♒			2053 Jan 19 14:59	0°♓		
	2048 May 20 08:08	0°♐			2053 Feb 18 05:02	0°♑		
	2048 Jun 20 15:54	0°♑			2053 Mar 20 03:48	0°♑		
max. Earth dist.	2048 Jul 06 05:08	14°♑49'43	1.01671 AU		2053 Apr 19 14:30	0°♒		
	2048 Jul 22 02:47	0°♏			2053 May 20 13:20	0°♐		
	2048 Aug 22 10:03	0°♑			2053 Jun 20 21:04	0°♑		
	2048 Sep 22 08:01	0°♒		max. Earth dist.	2053 Jul 06 12:30	14°♑54'56	1.01667 AU	
	2048 Oct 22 17:43	0°♓			2053 Jul 22 07:56	0°♏		
	2048 Nov 21 15:34	0°♑			2053 Aug 22 15:10	0°♑		
	2048 Dec 21 05:02	0°♒			2053 Sep 22 13:06	0°♒		
min. Earth dist.	2049 Jan 03 10:30	13°♒28'41	0.98333 AU		2053 Oct 22 22:47	0°♓		
	2049 Jan 19 15:41	0°♓			2053 Nov 21 20:39	0°♑		
	2049 Feb 18 05:42	0°♑			2053 Dec 21 10:10	0°♒		
	2049 Mar 20 04:29	0°♑		min. Earth dist.	2054 Jan 02 17:59	12°♒33'19	0.98334 AU	
	2049 Apr 19 15:14	0°♒			2054 Jan 19 20:51	0°♓		
	2049 May 20 14:04	0°♐			2054 Feb 18 10:52	0°♑		
	2049 Jun 20 21:47	0°♑			2054 Mar 20 09:35	0°♑		
max. Earth dist.	2049 Jul 04 09:06	12°♑51'09	1.01667 AU		2054 Apr 19 20:15	0°♒		
	2049 Jul 22 08:36	0°♏			2054 May 20 19:03	0°♐		
	2049 Aug 22 15:47	0°♑			2054 Jun 21 02:47	0°♑		
	2049 Sep 22 13:43	0°♒		max. Earth dist.	2054 Jul 05 15:41	13°♑51'56	1.01672 AU	
	2049 Oct 22 23:25	0°♓			2054 Jul 22 13:41	0°♏		
	2049 Nov 21 21:19	0°♑			2054 Aug 22 20:59	0°♑		
	2049 Dec 21 10:52	0°♒			2054 Sep 22 19:00	0°♒		
min. Earth dist.	2050 Jan 04 19:35	14°♒38'13	0.98331 AU		2054 Oct 23 04:45	0°♓		
	2050 Jan 19 21:34	0°♓			2054 Nov 22 02:39	0°♑		
	2050 Feb 18 11:35	0°♑			2054 Dec 21 16:10	0°♒		
	2050 Mar 20 10:20	0°♑		min. Earth dist.	2055 Jan 05 12:25	15°♒07'44	0.98331 AU	
	2050 Apr 19 21:02	0°♒			2055 Jan 20 02:49	0°♓		
	2050 May 20 19:51	0°♐			2055 Feb 18 16:48	0°♑		
	2050 Jun 21 03:33	0°♑			2055 Mar 20 15:29	0°♑		
max. Earth dist.	2050 Jul 06 01:57	14°♑14'33	1.01663 AU		2055 Apr 20 02:09	0°♒		
	2050 Jul 22 14:21	0°♏			2055 May 21 00:56	0°♐		
	2050 Aug 22 21:33	0°♑			2055 Jun 21 08:40	0°♑		
	2050 Sep 22 19:29	0°♒		max. Earth dist.	2055 Jul 04 20:53	12°♑53'12	1.01668 AU	
	2050 Oct 23 05:12	0°♓			2055 Jul 22 19:32	0°♏		
	2050 Nov 22 03:06	0°♑			2055 Aug 23 02:49	0°♑		
	2050 Dec 21 16:39	0°♒			2055 Sep 23 00:49	0°♒		
min. Earth dist.	2051 Jan 03 05:31	12°♒46'11	0.98330 AU		2055 Oct 23 10:34	0°♓		
	2051 Jan 20 03:19	0°♓			2055 Nov 22 08:26	0°♑		
	2051 Feb 18 17:18	0°♑			2055 Dec 21 21:56	0°♒		
	2051 Mar 20 15:59	0°♑		min. Earth dist.	2056 Jan 04 03:46	13°♒29'34	0.98325 AU	
	2051 Apr 20 02:41	0°♒			2056 Jan 20 08:33	0°♓		
	2051 May 21 01:32	0°♐			2056 Feb 18 22:30	0°♑		
	2051 Jun 21 09:19	0°♑			2056 Mar 19 21:11	0°♑		
max. Earth dist.	2051 Jul 06 10:24	14°♑20'50	1.01673 AU		2056 Apr 19 07:52	0°♒		
	2051 Jul 22 20:13	0°♏			2056 May 20 06:42	0°♐		
	2051 Aug 23 03:29	0°♑			2056 Jun 20 14:28	0°♑		
	2051 Sep 23 01:27	0°♒		max. Earth dist.	2056 Jul 06 08:54	15°♑02'02	1.01671 AU	
	2051 Oct 23 11:10	0°♓			2056 Jul 22 01:22	0°♏		
	2051 Nov 22 09:03	0°♑			2056 Aug 22 08:39	0°♑		
	2051 Dec 21 22:34	0°♒			2056 Sep 22 06:40	0°♒		
min. Earth dist.	2052 Jan 05 09:19	14°♒43'26	0.98334 AU		2056 Oct 22 16:26	0°♓		
	2052 Jan 20 09:14	0°♓			2056 Nov 21 14:20	0°♑		
	2052 Feb 18 23:14	0°♑			2056 Dec 21 03:52	0°♒		
	2052 Mar 19 21:56	0°♑		min. Earth dist.	2057 Jan 03 03:10	13°♒12'56	0.98333 AU	
	2052 Apr 19 08:38	0°♒			2057 Jan 19 14:30	0°♓		

	2057 Feb 18 04:28	0° H			2061 Dec 21 08:49	0° Z	
	2057 Mar 20 03:08	0° Y		min. Earth dist.	2062 Jan 02 21:17	12° Z 45'06	0.98334 AU
	2057 Apr 19 13:48	0° X			2062 Jan 19 19:31	0° \approx	
	2057 May 20 12:35	0° II			2062 Feb 18 09:29	0° H	
	2057 Jun 20 20:19	0° G			2062 Mar 20 08:08	0° Y	
max. Earth dist.	2057 Jul 04 16:41	13° G 12'39	1.01670 AU		2062 Apr 19 18:45	0° X	
	2057 Jul 22 07:11	0° Q			2062 May 20 17:30	0° II	
	2057 Aug 22 14:25	0° M			2062 Jun 21 01:12	0° G	
	2057 Sep 22 12:24	0° L		max. Earth dist.	2062 Jul 05 23:48	14° G 15'02	1.01669 AU
	2057 Oct 22 22:09	0° M			2062 Jul 22 12:03	0° Q	
	2057 Nov 21 20:07	0° X			2062 Aug 22 19:19	0° M	
	2057 Dec 21 09:43	0° Z			2062 Sep 22 17:20	0° L	
min. Earth dist.	2058 Jan 05 04:00	15° Z 02'37	0.98333 AU		2062 Oct 23 03:09	0° M	
	2058 Jan 19 20:26	0° \approx			2062 Nov 22 01:08	0° X	
	2058 Feb 18 10:26	0° H			2062 Dec 21 14:43	0° Z	
	2058 Mar 20 09:05	0° Y		min. Earth dist.	2063 Jan 05 13:42	15° Z 14'37	0.98335 AU
	2058 Apr 19 19:41	0° X			2063 Jan 20 01:24	0° \approx	
	2058 May 20 18:24	0° II			2063 Feb 18 15:22	0° H	
	2058 Jun 21 02:04	0° G			2063 Mar 20 14:00	0° Y	
max. Earth dist.	2058 Jul 05 15:43	13° G 53'43	1.01664 AU		2063 Apr 20 00:35	0° X	
	2058 Jul 22 12:54	0° Q			2063 May 20 23:20	0° II	
	2058 Aug 22 20:09	0° M			2063 Jun 21 07:02	0° G	
	2058 Sep 22 18:09	0° L		max. Earth dist.	2063 Jul 04 15:21	12° G 43'59	1.01668 AU
	2058 Oct 23 03:55	0° M			2063 Jul 22 17:54	0° Q	
	2058 Nov 22 01:51	0° X			2063 Aug 23 01:09	0° M	
	2058 Dec 21 15:25	0° Z			2063 Sep 22 23:09	0° L	
min. Earth dist.	2059 Jan 03 10:45	13° Z 02'37	0.98331 AU		2063 Oct 23 08:54	0° M	
	2059 Jan 20 02:07	0° \approx			2063 Nov 22 06:49	0° X	
	2059 Feb 18 16:06	0° H			2063 Dec 21 20:22	0° Z	
	2059 Mar 20 14:45	0° Y		min. Earth dist.	2064 Jan 04 11:54	13° Z 54'17	0.98328 AU
	2059 Apr 20 01:21	0° X			2064 Jan 20 07:02	0° \approx	
	2059 May 21 00:05	0° II			2064 Feb 18 21:00	0° H	
	2059 Jun 21 07:48	0° G			2064 Mar 19 19:39	0° Y	
max. Earth dist.	2059 Jul 06 21:25	14° G 50'43	1.01672 AU		2064 Apr 19 06:16	0° X	
	2059 Jul 22 18:41	0° Q			2064 May 20 05:02	0° II	
	2059 Aug 23 02:01	0° M			2064 Jun 20 12:46	0° G	
	2059 Sep 23 00:04	0° L		max. Earth dist.	2064 Jul 06 10:56	15° G 10'58	1.01670 AU
	2059 Oct 23 09:51	0° M			2064 Jul 21 23:40	0° Q	
	2059 Nov 22 07:46	0° X			2064 Aug 22 06:57	0° M	
	2059 Dec 21 21:18	0° Z			2064 Sep 22 04:58	0° L	
min. Earth dist.	2060 Jan 04 22:55	14° Z 20'07	0.98335 AU		2064 Oct 22 14:43	0° M	
	2060 Jan 20 07:58	0° \approx			2064 Nov 21 12:37	0° X	
	2060 Feb 18 21:58	0° H			2064 Dec 21 02:09	0° Z	
	2060 Mar 19 20:39	0° Y		min. Earth dist.	2065 Jan 02 15:10	12° Z 46'37	0.98334 AU
	2060 Apr 19 07:18	0° X			2065 Jan 19 12:49	0° \approx	
	2060 May 20 06:04	0° II			2065 Feb 18 02:48	0° H	
	2060 Jun 20 13:46	0° G			2065 Mar 20 01:29	0° Y	
max. Earth dist.	2060 Jul 03 22:59	12° G 46'11	1.01668 AU		2065 Apr 19 12:06	0° X	
	2060 Jul 22 00:36	0° Q			2065 May 20 10:51	0° II	
	2060 Aug 22 07:50	0° M			2065 Jun 20 18:33	0° G	
	2060 Sep 22 05:49	0° L		max. Earth dist.	2065 Jul 05 01:38	13° G 38'09	1.01671 AU
	2060 Oct 22 15:34	0° M			2065 Jul 22 05:25	0° Q	
	2060 Nov 21 13:29	0° X			2065 Aug 22 12:42	0° M	
	2060 Dec 21 03:02	0° Z			2065 Sep 22 10:43	0° L	
min. Earth dist.	2061 Jan 04 07:34	14° Z 27'32	0.98330 AU		2065 Oct 22 20:30	0° M	
	2061 Jan 19 13:43	0° \approx			2065 Nov 21 18:27	0° X	
	2061 Feb 18 03:44	0° H			2065 Dec 21 08:01	0° Z	
	2061 Mar 20 02:27	0° Y		min. Earth dist.	2066 Jan 05 05:46	15° Z 11'29	0.98332 AU
	2061 Apr 19 13:07	0° X			2066 Jan 19 18:43	0° \approx	
	2061 May 20 11:53	0° II			2066 Feb 18 08:41	0° H	
	2061 Jun 20 19:33	0° G			2066 Mar 20 07:20	0° Y	
max. Earth dist.	2061 Jul 06 07:20	14° G 46'25	1.01663 AU		2066 Apr 19 17:56	0° X	
	2061 Jul 22 06:21	0° Q			2066 May 20 16:38	0° II	
	2061 Aug 22 13:33	0° M			2066 Jun 21 00:17	0° G	
	2061 Sep 22 11:32	0° L		max. Earth dist.	2066 Jul 05 01:43	13° G 24'43	1.01665 AU
	2061 Oct 22 21:18	0° M			2066 Jul 22 11:07	0° Q	
	2061 Nov 21 19:15	0° X			2066 Aug 22 18:24	0° M	

	2066 Sep 22 16:28	0°♎		max. Earth dist.	2071 Jul 04 20:41	13°♊00'45	1.01667 AU
	2066 Oct 23 02:17	0°♍			2071 Jul 22 16:13	0°♏	
	2066 Nov 22 00:14	0°♌			2071 Aug 22 23:33	0°♎	
	2066 Dec 21 13:46	0°♋			2071 Sep 22 21:38	0°♎	
min. Earth dist.	2067 Jan 03 17:05	13°♋23'05	0.98326 AU		2071 Oct 23 07:30	0°♍	
	2067 Jan 20 00:23	0°♌			2071 Nov 22 05:29	0°♌	
	2067 Feb 18 14:18	0°♋			2071 Dec 21 19:05	0°♋	
	2067 Mar 20 12:54	0°♊		min. Earth dist.	2072 Jan 04 21:03	14°♋20'54	0.98330 AU
	2067 Apr 19 23:29	0°♊			2072 Jan 20 05:46	0°♌	
	2067 May 20 22:13	0°♋			2072 Feb 18 19:44	0°♋	
	2067 Jun 21 05:57	0°♌			2072 Mar 19 18:22	0°♊	
max. Earth dist.	2067 Jul 07 03:13	15°♌08'54	1.01673 AU		2072 Apr 19 04:56	0°♊	
	2067 Jul 22 16:51	0°♏			2072 May 20 03:36	0°♋	
	2067 Aug 23 00:13	0°♎			2072 Jun 20 11:14	0°♌	
	2067 Sep 22 22:20	0°♎		max. Earth dist.	2072 Jul 06 13:27	15°♌20'42	1.01665 AU
	2067 Oct 23 08:12	0°♍			2072 Jul 21 22:05	0°♏	
	2067 Nov 22 06:11	0°♌			2072 Aug 22 05:23	0°♎	
	2067 Dec 21 19:44	0°♋			2072 Sep 22 03:28	0°♎	
min. Earth dist.	2068 Jan 04 14:30	14°♋02'37	0.98331 AU		2072 Oct 22 13:21	0°♍	
	2068 Jan 20 06:21	0°♌			2072 Nov 21 11:21	0°♌	
	2068 Feb 18 20:14	0°♋			2072 Dec 21 00:57	0°♋	
	2068 Mar 19 18:50	0°♊		min. Earth dist.	2073 Jan 02 14:42	12°♋48'25	0.98334 AU
	2068 Apr 19 05:25	0°♊			2073 Jan 19 11:38	0°♌	
	2068 May 20 04:11	0°♋			2073 Feb 18 01:35	0°♋	
	2068 Jun 20 11:54	0°♌			2073 Mar 20 00:14	0°♊	
max. Earth dist.	2068 Jul 04 04:07	13°♌02'47	1.01671 AU		2073 Apr 19 10:49	0°♊	
	2068 Jul 21 22:47	0°♏			2073 May 20 09:30	0°♋	
	2068 Aug 22 06:04	0°♎			2073 Jun 20 17:08	0°♌	
	2068 Sep 22 04:07	0°♎		max. Earth dist.	2073 Jul 05 10:53	14°♌03'37	1.01666 AU
	2068 Oct 22 13:58	0°♍			2073 Jul 22 03:56	0°♏	
	2068 Nov 21 11:58	0°♌			2073 Aug 22 11:12	0°♎	
	2068 Dec 21 01:33	0°♋			2073 Sep 22 09:16	0°♎	
min. Earth dist.	2069 Jan 04 18:25	14°♋59'00	0.98329 AU		2073 Oct 22 19:09	0°♍	
	2069 Jan 19 12:14	0°♌			2073 Nov 21 17:12	0°♌	
	2069 Feb 18 02:10	0°♋			2073 Dec 21 06:51	0°♋	
	2069 Mar 20 00:46	0°♊		min. Earth dist.	2074 Jan 05 11:25	15°♋28'49	0.98335 AU
	2069 Apr 19 11:19	0°♊			2074 Jan 19 17:35	0°♌	
	2069 May 20 10:02	0°♋			2074 Feb 18 07:33	0°♋	
	2069 Jun 20 17:42	0°♌			2074 Mar 20 06:10	0°♊	
max. Earth dist.	2069 Jul 05 23:15	14°♌31'34	1.01665 AU		2074 Apr 19 16:42	0°♊	
	2069 Jul 22 04:33	0°♏			2074 May 20 15:22	0°♋	
	2069 Aug 22 11:50	0°♎			2074 Jun 20 22:59	0°♌	
	2069 Sep 22 09:52	0°♎		max. Earth dist.	2074 Jul 04 14:25	13°♌00'59	1.01662 AU
	2069 Oct 22 19:43	0°♍			2074 Jul 22 09:46	0°♏	
	2069 Nov 21 17:44	0°♌			2074 Aug 22 17:01	0°♎	
	2069 Dec 21 07:23	0°♋			2074 Sep 22 15:05	0°♎	
min. Earth dist.	2070 Jan 03 02:50	13°♋02'54	0.98334 AU		2074 Oct 23 00:57	0°♍	
	2070 Jan 19 18:06	0°♌			2074 Nov 21 22:59	0°♌	
	2070 Feb 18 08:02	0°♋			2074 Dec 21 12:36	0°♋	
	2070 Mar 20 06:35	0°♊		min. Earth dist.	2075 Jan 04 02:15	13°♋49'22	0.98330 AU
	2070 Apr 19 17:05	0°♊			2075 Jan 19 23:17	0°♌	
	2070 May 20 15:44	0°♋			2075 Feb 18 13:13	0°♋	
	2070 Jun 20 23:23	0°♌			2075 Mar 20 11:47	0°♊	
max. Earth dist.	2070 Jul 06 12:01	14°♌48'25	1.01671 AU		2075 Apr 19 22:19	0°♊	
	2070 Jul 22 10:16	0°♏			2075 May 20 21:00	0°♋	
	2070 Aug 22 17:38	0°♎			2075 Jun 21 04:41	0°♌	
	2070 Sep 22 15:45	0°♎		max. Earth dist.	2075 Jul 07 06:43	15°♌20'13	1.01670 AU
	2070 Oct 23 01:39	0°♍			2075 Jul 22 15:34	0°♏	
	2070 Nov 21 23:42	0°♌			2075 Aug 22 22:54	0°♎	
	2070 Dec 21 13:20	0°♋			2075 Sep 22 21:00	0°♎	
min. Earth dist.	2071 Jan 05 09:46	15°♋08'02	0.98337 AU		2075 Oct 23 06:51	0°♍	
	2071 Jan 20 00:03	0°♌			2075 Nov 22 04:52	0°♌	
	2071 Feb 18 14:00	0°♋		min. Earth dist.	2075 Dec 21 18:28	0°♋	
	2071 Mar 20 12:35	0°♊			2076 Jan 03 23:34	13°♋27'38	0.98335 AU
	2071 Apr 19 23:05	0°♊			2076 Jan 20 05:08	0°♌	
	2071 May 20 21:44	0°♋			2076 Feb 18 19:04	0°♋	
	2071 Jun 21 05:21	0°♌			2076 Mar 19 17:40	0°♊	

	2076 Apr 19 04:13	0°♄		2081 Jan 19 10:13	0°♁	
	2076 May 20 02:56	0°♂		2081 Feb 18 00:05	0°♄	
	2076 Jun 20 10:38	0°♂		2081 Mar 19 22:35	0°♂	
max. Earth dist.	2076 Jul 04 11:19	13°♂22'58	1.01671 AU	2081 Apr 19 09:02	0°♄	
	2076 Jul 21 21:30	0°♂		2081 May 20 07:40	0°♂	
	2076 Aug 22 04:48	0°♄		2081 Jun 20 15:17	0°♂	
	2076 Sep 22 02:51	0°♂		2081 Jul 05 21:26	14°♂33'03	1.01670 AU
	2076 Oct 22 12:40	0°♄		2081 Jul 22 02:09	0°♂	
	2076 Nov 21 10:39	0°♄		2081 Aug 22 09:30	0°♄	
	2076 Dec 21 00:14	0°♄		2081 Sep 22 07:39	0°♂	
min. Earth dist.	2077 Jan 04 20:53	15°♄08'38	0.98332 AU	2081 Oct 22 17:35	0°♄	
	2077 Jan 19 10:56	0°♁		2081 Nov 21 15:42	0°♄	
	2077 Feb 18 00:54	0°♄		2081 Dec 21 05:23	0°♄	
	2077 Mar 19 23:32	0°♂		2082 Jan 05 13:52	15°♄38'45	0.98336 AU
	2077 Apr 19 10:05	0°♄		2082 Jan 19 16:07	0°♁	
	2077 May 20 08:46	0°♂		2082 Feb 18 06:01	0°♄	
	2077 Jun 20 16:24	0°♂		2082 Mar 20 04:32	0°♂	
max. Earth dist.	2077 Jul 05 10:10	14°♂03'33	1.01665 AU	2082 Apr 19 14:56	0°♄	
	2077 Jul 22 03:15	0°♂		2082 May 20 13:30	0°♂	
	2077 Aug 22 10:33	0°♄		2082 Jun 20 21:04	0°♂	
	2077 Sep 22 08:37	0°♂		2082 Jul 04 16:22	13°♂10'13	1.01665 AU
	2077 Oct 22 18:27	0°♄		2082 Jul 22 07:54	0°♂	
	2077 Nov 21 16:26	0°♄		2082 Aug 22 15:14	0°♄	
	2077 Dec 21 06:02	0°♄		2082 Sep 22 13:24	0°♂	
min. Earth dist.	2078 Jan 03 04:24	13°♄10'22	0.98331 AU	2082 Oct 22 23:21	0°♄	
	2078 Jan 19 16:42	0°♁		2082 Nov 21 21:26	0°♄	
	2078 Feb 18 06:38	0°♄		2082 Dec 21 11:06	0°♄	
	2078 Mar 20 05:12	0°♂		2083 Jan 04 11:26	14°♄16'40	0.98330 AU
	2078 Apr 19 15:42	0°♄		2083 Jan 19 21:47	0°♁	
	2078 May 20 14:20	0°♂		2083 Feb 18 11:41	0°♄	
	2078 Jun 20 21:59	0°♂		2083 Mar 20 10:12	0°♂	
max. Earth dist.	2078 Jul 06 19:39	15°♂09'55	1.01671 AU	2083 Apr 19 20:36	0°♄	
	2078 Jul 22 08:52	0°♂		2083 May 20 19:10	0°♂	
	2078 Aug 22 16:15	0°♄		2083 Jun 21 02:45	0°♂	
	2078 Sep 22 14:25	0°♂		2083 Jul 07 15:14	15°♂45'11	1.01668 AU
	2078 Oct 23 00:21	0°♄		2083 Jul 22 13:37	0°♂	
	2078 Nov 21 22:24	0°♄		2083 Aug 22 21:00	0°♄	
	2078 Dec 21 11:59	0°♄		2083 Sep 22 19:13	0°♂	
min. Earth dist.	2079 Jan 05 00:14	14°♄47'14	0.98332 AU	2083 Oct 23 05:11	0°♄	
	2079 Jan 19 22:37	0°♁		2083 Nov 22 03:17	0°♄	
	2079 Feb 18 12:29	0°♄		2083 Dec 21 16:54	0°♄	
	2079 Mar 20 11:02	0°♂		2084 Jan 03 16:50	13°♄14'22	0.98334 AU
	2079 Apr 19 21:31	0°♄		2084 Jan 20 03:35	0°♁	
	2079 May 20 20:11	0°♂		2084 Feb 18 17:28	0°♄	
	2079 Jun 21 03:50	0°♂		2084 Mar 19 16:00	0°♂	
max. Earth dist.	2079 Jul 04 21:26	13°♂06'08	1.01671 AU	2084 Apr 19 02:29	0°♄	
	2079 Jul 22 14:43	0°♂		2084 May 20 01:05	0°♂	
	2079 Aug 22 22:05	0°♄		2084 Jun 20 08:42	0°♂	
	2079 Sep 22 20:14	0°♂		2084 Jul 04 22:44	13°♂54'47	1.01668 AU
	2079 Oct 23 06:09	0°♄		2084 Jul 21 19:32	0°♂	
	2079 Nov 22 04:11	0°♄		2084 Aug 22 02:51	0°♄	
	2079 Dec 21 17:45	0°♄		2084 Sep 22 01:00	0°♂	
min. Earth dist.	2080 Jan 05 07:54	14°♄52'06	0.98326 AU	2084 Oct 22 10:57	0°♄	
	2080 Jan 20 04:22	0°♁		2084 Nov 21 09:03	0°♄	
	2080 Feb 18 18:13	0°♄		2084 Dec 20 22:42	0°♄	
	2080 Mar 19 16:45	0°♂		2085 Jan 05 04:34	15°♄32'06	0.98333 AU
	2080 Apr 19 03:15	0°♄		2085 Jan 19 09:25	0°♁	
	2080 May 20 01:55	0°♂		2085 Feb 17 23:21	0°♄	
	2080 Jun 20 09:35	0°♂		2085 Mar 19 21:55	0°♂	
max. Earth dist.	2080 Jul 06 06:41	15°♂08'30	1.01668 AU	2085 Apr 19 08:24	0°♄	
	2080 Jul 21 20:28	0°♂		2085 May 20 07:00	0°♂	
	2080 Aug 22 03:49	0°♄		2085 Jun 20 14:34	0°♂	
	2080 Sep 22 01:57	0°♂		2085 Jul 04 21:35	13°♂38'05	1.01661 AU
	2080 Oct 22 11:53	0°♄		2085 Jul 22 01:21	0°♂	
	2080 Nov 21 09:57	0°♄		2085 Aug 22 08:38	0°♄	
	2080 Dec 20 23:34	0°♄		2085 Sep 22 06:45	0°♂	
min. Earth dist.	2081 Jan 02 18:57	13°♄02'46	0.98331 AU	2085 Oct 22 16:41	0°♄	

	2085 Nov 21 14:48	0°♏			2090 Aug 22 13:48	0°♐		
	2085 Dec 21 04:30	0°♑			2090 Sep 22 12:01	0°♒		
min. Earth dist.	2086 Jan 03 15:22	13°♑42'12	0.98333 AU		2090 Oct 22 22:01	0°♓		
	2086 Jan 19 15:13	0°♒			2090 Nov 21 20:07	0°♏		
	2086 Feb 18 05:06	0°♐			2090 Dec 21 09:45	0°♑		
	2086 Mar 20 03:36	0°♑		min. Earth dist.	2091 Jan 04 19:23	14°♑40'28	0.98327 AU	
	2086 Apr 19 14:02	0°♒			2091 Jan 19 20:23	0°♒		
	2086 May 20 12:36	0°♓			2091 Feb 18 10:14	0°♐		
	2086 Jun 20 20:11	0°♑			2091 Mar 20 08:43	0°♑		
max. Earth dist.	2086 Jul 07 01:40	15°♑28'33	1.01667 AU		2091 Apr 19 19:09	0°♒		
	2086 Jul 22 07:01	0°♓			2091 May 20 17:44	0°♓		
	2086 Aug 22 14:22	0°♐			2091 Jun 21 01:20	0°♑		
	2086 Sep 22 12:33	0°♒		max. Earth dist.	2091 Jul 07 12:55	15°♑43'01	1.01668 AU	
	2086 Oct 22 22:33	0°♓			2091 Jul 22 12:13	0°♓		
	2086 Nov 21 20:42	0°♏			2091 Aug 22 19:38	0°♐		
	2086 Dec 21 10:24	0°♑			2091 Sep 22 17:52	0°♒		
min. Earth dist.	2087 Jan 04 16:38	14°♑31'44	0.98338 AU		2091 Oct 23 03:54	0°♓		
	2087 Jan 19 21:06	0°♒			2091 Nov 22 02:02	0°♏		
	2087 Feb 18 11:00	0°♐			2091 Dec 21 15:40	0°♑		
	2087 Mar 20 09:29	0°♑		min. Earth dist.	2092 Jan 03 15:30	13°♑14'08	0.98331 AU	
	2087 Apr 19 19:55	0°♒			2092 Jan 20 02:18	0°♒		
	2087 May 20 18:30	0°♓			2092 Feb 18 16:07	0°♐		
	2087 Jun 21 02:07	0°♑			2092 Mar 19 14:35	0°♑		
max. Earth dist.	2087 Jul 05 02:06	13°♑21'21	1.01669 AU		2092 Apr 19 01:01	0°♒		
	2087 Jul 22 12:59	0°♓			2092 May 19 23:38	0°♓		
	2087 Aug 22 20:21	0°♐			2092 Jun 20 07:16	0°♑		
	2087 Sep 22 18:30	0°♒		max. Earth dist.	2092 Jul 05 05:58	14°♑15'18	1.01671 AU	
	2087 Oct 23 04:25	0°♓			2092 Jul 21 18:09	0°♓		
	2087 Nov 22 02:30	0°♏			2092 Aug 22 01:32	0°♐		
	2087 Dec 21 16:10	0°♑			2092 Sep 21 23:43	0°♒		
min. Earth dist.	2088 Jan 05 15:00	15°♑14'10	0.98331 AU		2092 Oct 22 09:43	0°♓		
	2088 Jan 20 02:52	0°♒			2092 Nov 21 07:52	0°♏		
	2088 Feb 18 16:47	0°♐			2092 Dec 20 21:33	0°♑		
	2088 Mar 19 15:18	0°♑		min. Earth dist.	2093 Jan 05 10:17	15°♑49'37	0.98333 AU	
	2088 Apr 19 01:45	0°♒			2093 Jan 19 08:15	0°♒		
	2088 May 20 00:21	0°♓			2093 Feb 17 22:07	0°♐		
	2088 Jun 20 07:58	0°♑			2093 Mar 19 20:36	0°♑		
max. Earth dist.	2088 Jul 05 22:12	14°♑52'14	1.01665 AU		2093 Apr 19 07:00	0°♒		
	2088 Jul 21 18:49	0°♓			2093 May 20 05:33	0°♓		
	2088 Aug 22 02:11	0°♐			2093 Jun 20 13:08	0°♑		
	2088 Sep 22 00:20	0°♒		max. Earth dist.	2093 Jul 04 13:21	13°♑21'52	1.01665 AU	
	2088 Oct 22 10:15	0°♓			2093 Jul 21 23:59	0°♓		
	2088 Nov 21 08:19	0°♏			2093 Aug 22 07:20	0°♐		
	2088 Dec 20 21:57	0°♑			2093 Sep 22 05:30	0°♒		
min. Earth dist.	2089 Jan 02 17:02	13°♑01'56	0.98333 AU		2093 Oct 22 15:30	0°♓		
	2089 Jan 19 08:39	0°♒			2093 Nov 21 13:39	0°♏		
	2089 Feb 17 22:35	0°♐			2093 Dec 21 03:22	0°♑		
	2089 Mar 19 21:08	0°♑		min. Earth dist.	2094 Jan 04 00:17	14°♑07'50	0.98332 AU	
	2089 Apr 19 07:35	0°♒			2094 Jan 19 14:05	0°♒		
	2089 May 20 06:09	0°♓			2094 Feb 18 03:57	0°♐		
	2089 Jun 20 13:44	0°♑			2094 Mar 20 02:23	0°♑		
max. Earth dist.	2089 Jul 06 07:15	15°♑00'07	1.01668 AU		2094 Apr 19 12:42	0°♒		
	2089 Jul 22 00:35	0°♓			2094 May 20 11:11	0°♓		
	2089 Aug 22 07:57	0°♐			2094 Jun 20 18:44	0°♑		
	2089 Sep 22 06:08	0°♒		max. Earth dist.	2094 Jul 07 10:08	15°♑52'09	1.01669 AU	
	2089 Oct 22 16:07	0°♓			2094 Jul 22 05:36	0°♓		
	2089 Nov 21 14:13	0°♏			2094 Aug 22 13:02	0°♐		
	2089 Dec 21 03:53	0°♑			2094 Sep 22 11:18	0°♒		
min. Earth dist.	2090 Jan 05 04:44	15°♑19'18	0.98336 AU		2094 Oct 22 21:22	0°♓		
	2090 Jan 19 14:36	0°♒			2094 Nov 21 19:32	0°♏		
	2090 Feb 18 04:31	0°♐			2094 Dec 21 09:15	0°♑		
	2090 Mar 20 03:03	0°♑		min. Earth dist.	2095 Jan 04 03:59	14°♑02'20	0.98337 AU	
	2090 Apr 19 13:30	0°♒			2095 Jan 19 19:57	0°♒		
	2090 May 20 12:03	0°♓			2095 Feb 18 09:49	0°♐		
	2090 Jun 20 19:37	0°♑			2095 Mar 20 08:16	0°♑		
max. Earth dist.	2090 Jul 04 15:09	13°♑10'48	1.01666 AU		2095 Apr 19 18:37	0°♒		
	2090 Jul 22 06:27	0°♓			2095 May 20 17:07	0°♓		

	2095 Jun 21 00:40	0°☿	
max. Earth dist.	2095 Jul 05 13:10	13°☿51'09	1.01670 AU
	2095 Jul 22 11:32	0°♌	
	2095 Aug 22 18:58	0°♍	
	2095 Sep 22 17:13	0°♎	
	2095 Oct 23 03:14	0°♏	
	2095 Nov 22 01:22	0°♐	
	2095 Dec 21 15:02	0°♑	
min. Earth dist.	2096 Jan 05 21:57	15°♑34'47	0.98331 AU
	2096 Jan 20 01:43	0°♒	
	2096 Feb 18 15:35	0°♓	
	2096 Mar 19 14:04	0°♈	
	2096 Apr 19 00:28	0°♉	
	2096 May 19 23:00	0°♊	
	2096 Jun 20 06:32	0°♋	
max. Earth dist.	2096 Jul 05 13:40	14°♋35'26	1.01663 AU
	2096 Jul 21 17:21	0°♌	
	2096 Aug 22 00:43	0°♍	
	2096 Sep 21 22:56	0°♎	
	2096 Oct 22 08:58	0°♏	
	2096 Nov 21 07:07	0°♐	
	2096 Dec 20 20:48	0°♑	
min. Earth dist.	2097 Jan 03 00:52	13°♑24'54	0.98332 AU
	2097 Jan 19 07:29	0°♒	
	2097 Feb 17 21:21	0°♓	
	2097 Mar 19 19:50	0°♈	
	2097 Apr 19 06:13	0°♉	
	2097 May 20 04:43	0°♊	
	2097 Jun 20 12:15	0°♋	
max. Earth dist.	2097 Jul 06 16:04	15°♋24'42	1.01665 AU
	2097 Jul 21 23:02	0°♌	
	2097 Aug 22 06:24	0°♍	
	2097 Sep 22 04:37	0°♎	
	2097 Oct 22 14:41	0°♏	
	2097 Nov 21 12:54	0°♐	
	2097 Dec 21 02:39	0°♑	
min. Earth dist.	2098 Jan 05 02:34	15°♑16'50	0.98339 AU
	2098 Jan 19 13:22	0°♒	
	2098 Feb 18 03:15	0°♓	
	2098 Mar 20 01:42	0°♈	
	2098 Apr 19 12:03	0°♉	
	2098 May 20 10:33	0°♊	
	2098 Jun 20 18:04	0°♋	
max. Earth dist.	2098 Jul 04 16:43	13°♋18'17	1.01664 AU
	2098 Jul 22 04:52	0°♌	
	2098 Aug 22 12:13	0°♍	
	2098 Sep 22 10:26	0°♎	
	2098 Oct 22 20:28	0°♏	
	2098 Nov 21 18:40	0°♐	
	2098 Dec 21 08:22	0°♑	
min. Earth dist.	2099 Jan 05 06:18	15°♑11'46	0.98331 AU
	2099 Jan 19 19:04	0°♒	
	2099 Feb 18 08:54	0°♓	
	2099 Mar 20 07:19	0°♈	
	2099 Apr 19 17:39	0°♉	
	2099 May 20 16:10	0°♊	
	2099 Jun 20 23:43	0°♋	
max. Earth dist.	2099 Jul 07 08:08	15°♋35'33	1.01666 AU
	2099 Jul 22 10:34	0°♌	
	2099 Aug 22 17:59	0°♍	
	2099 Sep 22 16:13	0°♎	
	2099 Oct 23 02:14	0°♏	
	2099 Nov 22 00:24	0°♐	
	2099 Dec 21 14:06	0°♑	
min. Earth dist.	2100 Jan 03 13:54	13°♑13'58	0.98334 AU
	2100 Jan 20 00:47	0°♒	
	2100 Feb 18 14:39	0°♓	