

Attention, astronomical year style is used: The year -12400 in astronomical counting style is the year 12401 BCE in historical counting style.

	-12400 Jan 17 j 10:40	0° \mathbb{M}					-12396 Aug 17 j 08:15	0° \mathbb{I}			
max. Earth dist.	-12400 Jan 31 j 21:03	13° \mathbb{M} 40'59	1.01961 AU				-12396 Sep 15 j 18:47	0° \mathfrak{C}			
	-12400 Feb 18 j 01:53	0° \mathfrak{A}					-12396 Oct 15 j 15:40	0° Ω			
	-12400 Mar 20 j 12:38	0° \mathfrak{Z}					-12396 Nov 15 j 02:42	0° \mathfrak{M}			
	-12400 Apr 20 j 12:15	0° \approx					-12396 Dec 16 j 04:01	0° $\underline{\mathfrak{A}}$			
	-12400 May 20 j 21:24	0° \mathfrak{H}					-12395 Jan 16 j 15:49	0° \mathbb{M}			
	-12400 Jun 19 j 16:43	0° \mathfrak{Y}			max. Earth dist.	-12395 Jan 29 j 14:26	12° \mathbb{M} 16'24	1.01966 AU			
	-12400 Jul 19 j 02:22	0° \mathfrak{B}				-12395 Feb 17 j 07:06	0° \mathfrak{A}				
min. Earth dist.	-12400 Jul 30 j 21:15	12° \mathfrak{B} 04'40	0.98033 AU			-12395 Mar 20 j 17:52	0° \mathfrak{Z}				
	-12400 Aug 17 j 08:52	0° \mathbb{I}				-12395 Apr 20 j 17:29	0° \approx				
	-12400 Sep 15 j 19:26	0° \mathfrak{C}				-12395 May 21 j 02:36	0° \mathfrak{H}				
	-12400 Oct 15 j 16:21	0° Ω				-12395 Jun 19 j 21:53	0° \mathfrak{Y}				
	-12400 Nov 15 j 03:25	0° \mathfrak{M}				-12395 Jul 19 j 07:31	0° \mathfrak{B}				
	-12400 Dec 16 j 04:47	0° $\underline{\mathfrak{A}}$			min. Earth dist.	-12395 Jul 31 j 15:20	12° \mathfrak{B} 37'57	0.98029 AU			
	-12399 Jan 16 j 16:35	0° \mathbb{M}				-12395 Aug 17 j 13:59	0° \mathbb{I}				
max. Earth dist.	-12399 Jan 30 j 20:26	13° \mathbb{M} 25'31	1.01968 AU			-12395 Sep 16 j 00:32	0° \mathfrak{C}				
	-12399 Feb 17 j 07:51	0° \mathfrak{A}				-12395 Oct 15 j 21:26	0° Ω				
	-12399 Mar 20 j 18:36	0° \mathfrak{Z}				-12395 Nov 15 j 08:29	0° \mathfrak{M}				
	-12399 Apr 20 j 18:12	0° \approx				-12395 Dec 16 j 09:49	0° $\underline{\mathfrak{A}}$				
	-12399 May 21 j 03:19	0° \mathfrak{H}				-12394 Jan 16 j 21:36	0° \mathbb{M}				
	-12399 Jun 19 j 22:38	0° \mathfrak{Y}			max. Earth dist.	-12394 Jan 31 j 19:11	14° \mathbb{M} 07'24	1.01968 AU			
	-12399 Jul 19 j 08:18	0° \mathfrak{B}				-12394 Feb 17 j 12:54	0° \mathfrak{A}				
min. Earth dist.	-12399 Aug 01 j 21:17	13° \mathfrak{B} 52'56	0.98038 AU			-12394 Mar 20 j 23:42	0° \mathfrak{Z}				
	-12399 Aug 17 j 14:49	0° \mathbb{I}				-12394 Apr 20 j 23:22	0° \approx				
	-12399 Sep 16 j 01:24	0° \mathfrak{C}				-12394 May 21 j 08:32	0° \mathfrak{H}				
	-12399 Oct 15 j 22:19	0° Ω				-12394 Jun 20 j 03:51	0° \mathfrak{Y}				
	-12399 Nov 15 j 09:22	0° \mathfrak{M}				-12394 Jul 19 j 13:31	0° \mathfrak{B}				
	-12399 Dec 16 j 10:42	0° $\underline{\mathfrak{A}}$			min. Earth dist.	-12394 Jul 31 j 23:11	12° \mathfrak{B} 42'48	0.98035 AU			
	-12398 Jan 16 j 22:27	0° \mathbb{M}				-12394 Aug 17 j 19:59	0° \mathbb{I}				
max. Earth dist.	-12398 Jan 29 j 12:21	11° \mathbb{M} 55'52	1.01962 AU			-12394 Sep 16 j 06:29	0° \mathfrak{C}				
	-12398 Feb 17 j 13:40	0° \mathfrak{A}				-12394 Oct 16 j 03:18	0° Ω				
	-12398 Mar 21 j 00:20	0° \mathfrak{Z}				-12394 Nov 15 j 14:17	0° \mathfrak{M}				
	-12398 Apr 20 j 23:53	0° \approx				-12394 Dec 16 j 15:34	0° $\underline{\mathfrak{A}}$				
	-12398 May 21 j 08:59	0° \mathfrak{H}				-12393 Jan 17 j 03:20	0° \mathbb{M}				
	-12398 Jun 20 j 04:19	0° \mathfrak{Y}			max. Earth dist.	-12393 Jan 30 j 09:32	12° \mathbb{M} 34'24	1.01969 AU			
	-12398 Jul 19 j 14:03	0° \mathfrak{B}				-12393 Feb 17 j 18:38	0° \mathfrak{A}				
min. Earth dist.	-12398 Aug 01 j 11:59	13° \mathfrak{B} 14'10	0.98035 AU			-12393 Mar 21 j 05:27	0° \mathfrak{Z}				
	-12398 Aug 17 j 20:37	0° \mathbb{I}				-12393 Apr 21 j 05:09	0° \approx				
	-12398 Sep 16 j 07:13	0° \mathfrak{C}				-12393 May 21 j 14:23	0° \mathfrak{H}				
	-12398 Oct 16 j 04:07	0° Ω				-12393 Jun 20 j 09:47	0° \mathfrak{Y}				
	-12398 Nov 15 j 15:08	0° \mathfrak{M}				-12393 Jul 19 j 19:29	0° \mathfrak{B}				
	-12398 Dec 16 j 16:26	0° $\underline{\mathfrak{A}}$			min. Earth dist.	-12393 Aug 02 j 15:06	14° \mathfrak{B} 09'59	0.98030 AU			
	-12397 Jan 17 j 04:10	0° \mathbb{M}				-12393 Aug 18 j 01:58	0° \mathbb{I}				
max. Earth dist.	-12397 Feb 01 j 00:19	14° \mathbb{M} 04'02	1.01962 AU			-12393 Sep 16 j 12:26	0° \mathfrak{C}				
	-12397 Feb 17 j 19:24	0° \mathfrak{A}				-12393 Oct 16 j 09:12	0° Ω				
	-12397 Mar 21 j 06:08	0° \mathfrak{Z}				-12393 Nov 15 j 20:07	0° \mathfrak{M}				
	-12397 Apr 21 j 05:44	0° \approx				-12393 Dec 16 j 21:21	0° $\underline{\mathfrak{A}}$				
	-12397 May 21 j 14:51	0° \mathfrak{H}				-12392 Jan 17 j 09:06	0° \mathbb{M}				
	-12397 Jun 20 j 10:10	0° \mathfrak{Y}			max. Earth dist.	-12392 Jan 31 j 09:52	13° \mathbb{M} 18'13	1.01965 AU			
	-12397 Jul 19 j 19:50	0° \mathfrak{B}				-12392 Feb 18 j 00:24	0° \mathfrak{A}				
min. Earth dist.	-12397 Jul 31 j 15:35	12° \mathfrak{B} 06'57	0.98036 AU			-12392 Mar 20 j 11:13	0° \mathfrak{Z}				
	-12397 Aug 18 j 02:21	0° \mathbb{I}				-12392 Apr 20 j 10:55	0° \approx				
	-12397 Sep 16 j 12:54	0° \mathfrak{C}				-12392 May 20 j 20:08	0° \mathfrak{H}				
	-12397 Oct 16 j 09:46	0° Ω				-12392 Jun 19 j 15:30	0° \mathfrak{Y}				
	-12397 Nov 15 j 20:47	0° \mathfrak{M}				-12392 Jul 19 j 01:12	0° \mathfrak{B}				
	-12397 Dec 16 j 22:07	0° $\underline{\mathfrak{A}}$			min. Earth dist.	-12392 Jul 31 j 04:02	12° \mathfrak{B} 25'06	0.98031 AU			
	-12396 Jan 17 j 09:56	0° \mathbb{M}				-12392 Aug 17 j 07:41	0° \mathbb{I}				
max. Earth dist.	-12396 Jan 31 j 02:31	12° \mathbb{M} 58'53	1.01972 AU			-12392 Sep 15 j 18:10	0° \mathfrak{C}				
	-12396 Feb 18 j 01:16	0° \mathfrak{A}				-12392 Oct 15 j 14:58	0° Ω				
	-12396 Mar 20 j 12:05	0° \mathfrak{Z}				-12392 Nov 15 j 01:55	0° \mathfrak{M}				
	-12396 Apr 20 j 11:44	0° \approx				-12392 Dec 16 j 03:11	0° $\underline{\mathfrak{A}}$				
	-12396 May 20 j 20:51	0° \mathfrak{H}				-12391 Jan 16 j 14:58	0° \mathbb{M}				
	-12396 Jun 19 j 16:08	0° \mathfrak{Y}			max. Earth dist.	-12391 Jan 31 j 06:02	13° \mathbb{M} 51'57	1.01971 AU			
	-12396 Jul 19 j 01:46	0° \mathfrak{B}				-12391 Feb 17 j 06:19	0° \mathfrak{A}				
min. Earth dist.	-12396 Aug 01 j 20:00	14° \mathfrak{B} 06'30	0.98033 AU			-12391 Mar 20 j 17:10	0° \mathfrak{Z}				

Attention, astronomical year style is used: The year -12391 in astronomical counting style is the year 12392 BCE in historical counting style.

	-12391 Apr 20 j 16:53	0°≈		max. Earth dist.	-12386 Jan 31 j 20:45	14°Ⅲ.13'49	1.01964 AU
	-12391 May 21 j 02:05	0°Ⅴ			-12386 Feb 17 j 11:43	0°Ⅴ	
	-12391 Jun 19 j 21:28	0°Ⅴ			-12386 Mar 20 j 22:30	0°Ⅴ	
	-12391 Jul 19 j 07:10	0°Ⅴ			-12386 Apr 20 j 22:09	0°≈	
min. Earth dist.	-12391 Aug 01 j 16:10	13°Ⅴ42'40	0.98038 AU		-12386 May 21 j 07:22	0°Ⅴ	
	-12391 Aug 17 j 13:41	0°Ⅱ			-12386 Jun 20 j 02:45	0°Ⅴ	
	-12391 Sep 16 j 00:13	0°Ⅴ			-12386 Jul 19 j 12:30	0°Ⅴ	
	-12391 Oct 15 j 21:04	0°Ⅱ		min. Earth dist.	-12386 Jul 31 j 17:15	12°Ⅴ30'01	0.98039 AU
	-12391 Nov 15 j 08:00	0°Ⅲ			-12386 Aug 17 j 19:03	0°Ⅱ	
	-12391 Dec 16 j 09:14	0°Ⅴ			-12386 Sep 16 j 05:35	0°Ⅴ	
	-12390 Jan 16 j 20:55	0°Ⅲ			-12386 Oct 16 j 02:22	0°Ⅱ	
max. Earth dist.	-12390 Jan 29 j 19:41	12°Ⅲ.16'54	1.01964 AU		-12386 Nov 15 j 13:16	0°Ⅲ	
	-12390 Feb 17 j 12:09	0°Ⅴ			-12386 Dec 16 j 14:30	0°Ⅴ	
	-12390 Mar 20 j 22:56	0°Ⅴ			-12385 Jan 17 j 02:13	0°Ⅲ	
	-12390 Apr 20 j 22:37	0°≈		max. Earth dist.	-12385 Jan 30 j 16:40	12°Ⅲ.53'56	1.01968 AU
	-12390 May 21 j 07:50	0°Ⅴ			-12385 Feb 17 j 17:30	0°Ⅴ	
	-12390 Jun 20 j 03:14	0°Ⅴ			-12385 Mar 21 j 04:19	0°Ⅴ	
	-12390 Jul 19 j 12:59	0°Ⅴ			-12385 Apr 21 j 04:02	0°≈	
min. Earth dist.	-12390 Aug 01 j 20:18	13°Ⅴ38'15	0.98035 AU		-12385 May 21 j 13:17	0°Ⅴ	
	-12390 Aug 17 j 19:33	0°Ⅱ			-12385 Jun 20 j 08:41	0°Ⅴ	
	-12390 Sep 16 j 06:07	0°Ⅴ			-12385 Jul 19 j 18:25	0°Ⅴ	
	-12390 Oct 16 j 02:58	0°Ⅱ		min. Earth dist.	-12385 Aug 02 j 17:22	14°Ⅴ18'30	0.98034 AU
	-12390 Nov 15 j 13:54	0°Ⅲ			-12385 Aug 18 j 00:57	0°Ⅱ	
	-12390 Dec 16 j 15:05	0°Ⅴ			-12385 Sep 16 j 11:28	0°Ⅴ	
	-12389 Jan 17 j 02:44	0°Ⅲ			-12385 Oct 16 j 08:15	0°Ⅱ	
max. Earth dist.	-12389 Feb 01 j 01:48	14°Ⅲ.11'03	1.01960 AU		-12385 Nov 15 j 19:08	0°Ⅲ	
	-12389 Feb 17 j 17:56	0°Ⅴ			-12385 Dec 16 j 20:19	0°Ⅴ	
	-12389 Mar 21 j 04:44	0°Ⅴ			-12384 Jan 17 j 08:01	0°Ⅲ	
	-12389 Apr 21 j 04:27	0°≈		max. Earth dist.	-12384 Jan 30 j 22:48	12°Ⅲ.54'40	1.01965 AU
	-12389 May 21 j 13:43	0°Ⅴ			-12384 Feb 17 j 23:18	0°Ⅴ	
	-12389 Jun 20 j 09:08	0°Ⅴ			-12384 Mar 20 j 10:08	0°Ⅴ	
	-12389 Jul 19 j 18:50	0°Ⅴ			-12384 Apr 20 j 09:51	0°≈	
min. Earth dist.	-12389 Jul 31 j 17:03	12°Ⅴ13'12	0.98035 AU		-12384 May 20 j 19:05	0°Ⅴ	
	-12389 Aug 18 j 01:20	0°Ⅱ			-12384 Jun 19 j 14:26	0°Ⅴ	
	-12389 Sep 16 j 11:51	0°Ⅴ			-12384 Jul 19 j 00:07	0°Ⅴ	
	-12389 Oct 16 j 08:40	0°Ⅱ		min. Earth dist.	-12384 Jul 31 j 06:50	12°Ⅴ35'02	0.98030 AU
	-12389 Nov 15 j 19:37	0°Ⅲ			-12384 Aug 17 j 06:36	0°Ⅱ	
	-12389 Dec 16 j 20:52	0°Ⅴ			-12384 Sep 15 j 17:06	0°Ⅴ	
	-12388 Jan 17 j 08:36	0°Ⅲ			-12384 Oct 15 j 13:55	0°Ⅱ	
max. Earth dist.	-12388 Jan 31 j 12:27	13°Ⅲ.25'35	1.01968 AU		-12384 Nov 15 j 00:52	0°Ⅲ	
	-12388 Feb 17 j 23:53	0°Ⅴ			-12384 Dec 16 j 02:06	0°Ⅴ	
	-12388 Mar 20 j 10:43	0°Ⅴ			-12383 Jan 16 j 13:51	0°Ⅲ	
	-12388 Apr 20 j 10:28	0°≈		max. Earth dist.	-12383 Jan 31 j 12:13	14°Ⅲ.09'14	1.01970 AU
	-12388 May 20 j 19:44	0°Ⅴ			-12383 Feb 17 j 05:11	0°Ⅴ	
	-12388 Jun 19 j 15:08	0°Ⅴ			-12383 Mar 20 j 16:03	0°Ⅴ	
	-12388 Jul 19 j 00:51	0°Ⅴ			-12383 Apr 20 j 15:48	0°≈	
min. Earth dist.	-12388 Aug 01 j 23:19	14°Ⅴ17'21	0.98035 AU		-12383 May 21 j 01:03	0°Ⅴ	
	-12388 Aug 17 j 07:20	0°Ⅱ			-12383 Jun 19 j 20:25	0°Ⅴ	
	-12388 Sep 15 j 17:50	0°Ⅴ			-12383 Jul 19 j 06:06	0°Ⅴ	
	-12388 Oct 15 j 14:39	0°Ⅱ		min. Earth dist.	-12383 Aug 01 j 04:03	13°Ⅴ14'22	0.98035 AU
	-12388 Nov 15 j 01:36	0°Ⅲ			-12383 Aug 17 j 12:33	0°Ⅱ	
	-12388 Dec 16 j 02:52	0°Ⅴ			-12383 Sep 15 j 23:02	0°Ⅴ	
	-12387 Jan 16 j 14:36	0°Ⅲ			-12383 Oct 15 j 19:51	0°Ⅱ	
max. Earth dist.	-12387 Jan 29 j 10:14	12°Ⅲ.09'24	1.01963 AU		-12383 Nov 15 j 06:47	0°Ⅲ	
	-12387 Feb 17 j 05:51	0°Ⅴ			-12383 Dec 16 j 08:01	0°Ⅴ	
	-12387 Mar 20 j 16:36	0°Ⅴ			-12382 Jan 16 j 19:43	0°Ⅲ	
	-12387 Apr 20 j 16:15	0°≈		max. Earth dist.	-12382 Jan 29 j 23:05	12°Ⅲ.27'47	1.01966 AU
	-12387 May 21 j 01:27	0°Ⅴ			-12382 Feb 17 j 10:58	0°Ⅴ	
	-12387 Jun 19 j 20:51	0°Ⅴ			-12382 Mar 20 j 21:47	0°Ⅴ	
	-12387 Jul 19 j 06:35	0°Ⅴ			-12382 Apr 20 j 21:31	0°≈	
min. Earth dist.	-12387 Aug 01 j 01:38	13°Ⅴ06'41	0.98033 AU		-12382 May 21 j 06:47	0°Ⅴ	
	-12387 Aug 17 j 13:07	0°Ⅱ			-12382 Jun 20 j 02:13	0°Ⅴ	
	-12387 Sep 15 j 23:40	0°Ⅴ			-12382 Jul 19 j 11:58	0°Ⅴ	
	-12387 Oct 15 j 20:30	0°Ⅱ		min. Earth dist.	-12382 Aug 02 j 04:17	14°Ⅴ01'28	0.98031 AU
	-12387 Nov 15 j 07:28	0°Ⅲ			-12382 Aug 17 j 18:28	0°Ⅱ	
	-12387 Dec 16 j 08:43	0°Ⅴ			-12382 Sep 16 j 04:57	0°Ⅴ	
	-12386 Jan 16 j 20:27	0°Ⅲ			-12382 Oct 16 j 01:42	0°Ⅱ	

Attention, astronomical year style is used: The year -12382 in astronomical counting style is the year 12383 BCE in historical counting style.

	-12382 Nov 15 j 12:35	0°♎			-12377 Aug 17 j 23:41	0°♊		
	-12382 Dec 16 j 13:46	0°♐			-12377 Sep 16 j 10:08	0°♏		
	-12381 Jan 17 j 01:26	0°♍			-12377 Oct 16 j 06:52	0°♎		
max. Earth dist.	-12381 Jan 31 j 16:37	13°♍52'21	1.01962 AU		-12377 Nov 15 j 17:41	0°♎		
	-12381 Feb 17 j 16:40	0°♏			-12377 Dec 16 j 18:49	0°♐		
	-12381 Mar 21 j 03:30	0°♑			-12376 Jan 17 j 06:27	0°♍		
	-12381 Apr 21 j 03:15	0°♒		max. Earth dist.	-12376 Jan 30 j 15:51	12°♍42'02	1.01963 AU	
	-12381 May 21 j 12:34	0°♐			-12376 Feb 17 j 21:42	0°♏		
	-12381 Jun 20 j 08:02	0°♑			-12376 Mar 20 j 08:32	0°♑		
	-12381 Jul 19 j 17:46	0°♒			-12376 Apr 20 j 08:20	0°♒		
min. Earth dist.	-12381 Jul 31 j 21:35	12°♒27'35	0.98032 AU		-12376 May 20 j 17:40	0°♐		
	-12381 Aug 18 j 00:14	0°♊			-12376 Jun 19 j 13:09	0°♑		
	-12381 Sep 16 j 10:39	0°♏			-12376 Jul 18 j 22:54	0°♒		
	-12381 Oct 16 j 07:21	0°♎		min. Earth dist.	-12376 Jul 31 j 16:34	13°♒03'09	0.98030 AU	
	-12381 Nov 15 j 18:12	0°♎			-12376 Aug 17 j 05:23	0°♊		
	-12381 Dec 16 j 19:24	0°♐			-12376 Sep 15 j 15:50	0°♏		
	-12380 Jan 17 j 07:09	0°♍			-12376 Oct 15 j 12:34	0°♎		
max. Earth dist.	-12380 Jan 31 j 20:38	13°♍48'16	1.01972 AU		-12376 Nov 14 j 23:26	0°♎		
	-12380 Feb 17 j 22:30	0°♏			-12376 Dec 16 j 00:37	0°♐		
	-12380 Mar 20 j 09:24	0°♑			-12375 Jan 16 j 12:18	0°♍		
	-12380 Apr 20 j 09:12	0°♒		max. Earth dist.	-12375 Jan 31 j 16:38	14°♍23'23	1.01967 AU	
	-12380 May 20 j 18:31	0°♐			-12375 Feb 17 j 03:36	0°♏		
	-12380 Jun 19 j 13:58	0°♑			-12375 Mar 20 j 14:27	0°♑		
	-12380 Jul 18 j 23:42	0°♒			-12375 Apr 20 j 14:15	0°♒		
min. Earth dist.	-12380 Aug 01 j 21:58	14°♒16'46	0.98035 AU		-12375 May 20 j 23:34	0°♐		
	-12380 Aug 17 j 06:11	0°♊			-12375 Jun 19 j 19:03	0°♑		
	-12380 Sep 15 j 16:37	0°♏			-12375 Jul 19 j 04:49	0°♒		
	-12380 Oct 15 j 13:20	0°♎		min. Earth dist.	-12375 Jul 31 j 21:33	13°♒00'48	0.98038 AU	
	-12380 Nov 15 j 00:11	0°♎			-12375 Aug 17 j 11:19	0°♊		
	-12380 Dec 16 j 01:22	0°♐			-12375 Sep 15 j 21:47	0°♏		
	-12379 Jan 16 j 13:04	0°♍			-12375 Oct 15 j 18:31	0°♎		
max. Earth dist.	-12379 Jan 29 j 12:13	12°♍17'45	1.01967 AU		-12375 Nov 15 j 05:22	0°♎		
	-12379 Feb 17 j 04:22	0°♏			-12375 Dec 16 j 06:32	0°♐		
	-12379 Mar 20 j 15:12	0°♑			-12374 Jan 16 j 18:13	0°♍		
	-12379 Apr 20 j 14:56	0°♒		max. Earth dist.	-12374 Jan 30 j 05:02	12°♍45'25	1.01966 AU	
	-12379 May 21 j 00:12	0°♐			-12374 Feb 17 j 09:27	0°♏		
	-12379 Jun 19 j 19:38	0°♑			-12374 Mar 20 j 20:17	0°♑		
	-12379 Jul 19 j 05:23	0°♒			-12374 Apr 20 j 20:02	0°♒		
min. Earth dist.	-12379 Aug 01 j 09:47	13°♒30'43	0.98033 AU		-12374 May 21 j 05:21	0°♐		
	-12379 Aug 17 j 11:56	0°♊			-12374 Jun 20 j 00:51	0°♑		
	-12379 Sep 15 j 22:26	0°♏			-12374 Jul 19 j 10:40	0°♒		
	-12379 Oct 15 j 19:12	0°♎		min. Earth dist.	-12374 Aug 02 j 10:25	14°♒20'27	0.98036 AU	
	-12379 Nov 15 j 06:03	0°♎			-12374 Aug 17 j 17:14	0°♊		
	-12379 Dec 16 j 07:12	0°♐			-12374 Sep 16 j 03:44	0°♏		
	-12378 Jan 16 j 18:52	0°♍			-12374 Oct 16 j 00:28	0°♎		
max. Earth dist.	-12378 Feb 01 j 00:40	14°♍26'55	1.01964 AU		-12374 Nov 15 j 11:16	0°♎		
	-12378 Feb 17 j 10:08	0°♏			-12374 Dec 16 j 12:23	0°♐		
	-12378 Mar 20 j 20:59	0°♑			-12373 Jan 17 j 00:00	0°♍		
	-12378 Apr 20 j 20:46	0°♒		max. Earth dist.	-12373 Jan 31 j 06:54	13°♍32'48	1.01961 AU	
	-12378 May 21 j 06:04	0°♐			-12373 Feb 17 j 15:15	0°♏		
	-12378 Jun 20 j 01:30	0°♑			-12373 Mar 21 j 02:05	0°♑		
	-12378 Jul 19 j 11:15	0°♒			-12373 Apr 21 j 01:53	0°♒		
min. Earth dist.	-12378 Jul 31 j 13:53	12°♒24'32	0.98038 AU		-12373 May 21 j 11:13	0°♐		
	-12378 Aug 17 j 17:47	0°♊			-12373 Jun 20 j 06:41	0°♑		
	-12378 Sep 16 j 04:16	0°♏			-12373 Jul 19 j 16:27	0°♒		
	-12378 Oct 16 j 01:00	0°♎		min. Earth dist.	-12373 Jul 31 j 23:28	12°♒35'46	0.98033 AU	
	-12378 Nov 15 j 11:49	0°♎			-12373 Aug 17 j 22:57	0°♊		
	-12378 Dec 16 j 12:57	0°♐			-12373 Sep 16 j 09:24	0°♏		
	-12377 Jan 17 j 00:36	0°♍			-12373 Oct 16 j 06:07	0°♎		
max. Earth dist.	-12377 Jan 31 j 03:08	13°♍22'34	1.01967 AU		-12373 Nov 15 j 16:55	0°♎		
	-12377 Feb 17 j 15:52	0°♏			-12373 Dec 16 j 18:04	0°♐		
	-12377 Mar 21 j 02:44	0°♑			-12372 Jan 17 j 05:46	0°♍		
	-12377 Apr 21 j 02:34	0°♒		max. Earth dist.	-12372 Feb 01 j 04:57	14°♍11'14	1.01971 AU	
	-12377 May 21 j 11:56	0°♐			-12372 Feb 17 j 21:07	0°♏		
	-12377 Jun 20 j 07:26	0°♑			-12372 Mar 20 j 08:03	0°♑		
	-12377 Jul 19 j 17:11	0°♒			-12372 Apr 20 j 07:54	0°♒		
min. Earth dist.	-12377 Aug 02 j 21:29	14°♒32'17	0.98034 AU		-12372 May 20 j 17:16	0°♐		

Attention, astronomical year style is used: The year -12372 in astronomical counting style is the year 12373 BCE in historical counting style.

	-12372 Jun 19 j 12:43	0° Υ					-12367 Mar 20 j 13:19	0° Ξ			
	-12372 Jul 18 j 22:27	0° Ξ					-12367 Apr 20 j 13:11	0° \approx			
min. Earth dist.	-12372 Aug 01 j 12:31	13° Ξ 55'43	0.98035 AU				-12367 May 20 j 22:34	0° \mathcal{H}			
	-12372 Aug 17 j 04:55	0° Π					-12367 Jun 19 j 18:05	0° Υ			
	-12372 Sep 15 j 15:21	0° \mathfrak{D}					-12367 Jul 19 j 03:52	0° \mathcal{H}			
	-12372 Oct 15 j 12:04	0° Ω			min. Earth dist.	-12367 Jul 31 j 13:35	12° \mathcal{H} 42'43	0.98038 AU			
	-12372 Nov 14 j 22:55	0° \mathfrak{M}				-12367 Aug 17 j 10:24	0° Π				
	-12372 Dec 16 j 00:05	0° \mathfrak{L}				-12367 Sep 15 j 20:52	0° \mathfrak{D}				
	-12371 Jan 16 j 11:46	0° \mathfrak{M}				-12367 Oct 15 j 17:33	0° Ω				
max. Earth dist.	-12371 Jan 29 j 14:24	12° \mathfrak{M} 26'00	1.01968 AU			-12367 Nov 15 j 04:19	0° \mathfrak{M}				
	-12371 Feb 17 j 03:04	0° \mathcal{H}				-12367 Dec 16 j 05:23	0° \mathfrak{L}				
	-12371 Mar 20 j 13:57	0° Ξ				-12366 Jan 16 j 16:59	0° \mathfrak{M}				
	-12371 Apr 20 j 13:45	0° \approx			max. Earth dist.	-12366 Jan 30 j 15:23	13° \mathfrak{M} 12'50	1.01966 AU			
	-12371 May 20 j 23:05	0° \mathcal{H}				-12366 Feb 17 j 08:14	0° \mathcal{H}				
	-12371 Jun 19 j 18:33	0° Υ				-12366 Mar 20 j 19:07	0° Ξ				
	-12371 Jul 19 j 04:17	0° \mathcal{H}				-12366 Apr 20 j 18:59	0° \approx				
min. Earth dist.	-12371 Aug 01 j 17:28	13° \mathcal{H} 53'21	0.98030 AU			-12366 May 21 j 04:23	0° \mathcal{H}				
	-12371 Aug 17 j 10:47	0° Π				-12366 Jun 19 j 23:56	0° Υ				
	-12371 Sep 15 j 21:14	0° \mathfrak{D}				-12366 Jul 19 j 09:45	0° \mathcal{H}				
	-12371 Oct 15 j 17:58	0° Ω			min. Earth dist.	-12366 Aug 02 j 14:46	14° \mathcal{H} 34'00	0.98036 AU			
	-12371 Nov 15 j 04:48	0° \mathfrak{M}				-12366 Aug 17 j 16:18	0° Π				
	-12371 Dec 16 j 05:57	0° \mathfrak{L}				-12366 Sep 16 j 02:47	0° \mathfrak{D}				
	-12370 Jan 16 j 17:36	0° \mathfrak{M}				-12366 Oct 15 j 23:29	0° Ω				
max. Earth dist.	-12370 Jan 31 j 19:59	14° \mathfrak{M} 18'48	1.01964 AU			-12366 Nov 15 j 10:14	0° \mathfrak{M}				
	-12370 Feb 17 j 08:52	0° \mathcal{H}				-12366 Dec 16 j 11:16	0° \mathfrak{L}				
	-12370 Mar 20 j 19:45	0° Ξ				-12365 Jan 16 j 22:49	0° \mathfrak{M}				
	-12370 Apr 20 j 19:35	0° \approx			max. Earth dist.	-12365 Jan 30 j 22:32	13° \mathfrak{M} 15'55	1.01959 AU			
	-12370 May 21 j 04:58	0° \mathcal{H}				-12365 Feb 17 j 14:01	0° \mathcal{H}				
	-12370 Jun 20 j 00:28	0° Υ				-12365 Mar 21 j 00:53	0° Ξ				
	-12370 Jul 19 j 10:15	0° \mathcal{H}				-12365 Apr 21 j 00:45	0° \approx				
min. Earth dist.	-12370 Jul 31 j 15:39	12° \mathcal{H} 31'38	0.98034 AU			-12365 May 21 j 10:11	0° \mathcal{H}				
	-12370 Aug 17 j 16:44	0° Π				-12365 Jun 20 j 05:44	0° Υ				
	-12370 Sep 16 j 03:08	0° \mathfrak{D}				-12365 Jul 19 j 15:31	0° \mathcal{H}				
	-12370 Oct 15 j 23:47	0° Ω			min. Earth dist.	-12365 Aug 01 j 06:28	12° \mathcal{H} 56'08	0.98031 AU			
	-12370 Nov 15 j 10:33	0° \mathfrak{M}				-12365 Aug 17 j 22:00	0° Π				
	-12370 Dec 16 j 11:40	0° \mathfrak{L}				-12365 Sep 16 j 08:25	0° \mathfrak{D}				
	-12369 Jan 16 j 23:20	0° \mathfrak{M}				-12365 Oct 16 j 05:04	0° Ω				
max. Earth dist.	-12369 Jan 31 j 10:34	13° \mathfrak{M} 43'03	1.01969 AU			-12365 Nov 15 j 15:50	0° \mathfrak{M}				
	-12369 Feb 17 j 14:39	0° \mathcal{H}				-12365 Dec 16 j 16:56	0° \mathfrak{L}				
	-12369 Mar 21 j 01:34	0° Ξ				-12364 Jan 17 j 04:34	0° \mathfrak{M}				
	-12369 Apr 21 j 01:27	0° \approx			max. Earth dist.	-12364 Feb 01 j 11:13	14° \mathfrak{M} 28'56	1.01968 AU			
	-12369 May 21 j 10:54	0° \mathcal{H}				-12364 Feb 17 j 19:52	0° \mathcal{H}				
	-12369 Jun 20 j 06:28	0° Υ				-12364 Mar 20 j 06:48	0° Ξ				
	-12369 Jul 19 j 16:16	0° \mathcal{H}				-12364 Apr 20 j 06:41	0° \approx				
min. Earth dist.	-12369 Aug 03 j 00:53	14° \mathcal{H} 43'20	0.98034 AU			-12364 May 20 j 16:08	0° \mathcal{H}				
	-12369 Aug 17 j 22:45	0° Π				-12364 Jun 19 j 11:41	0° Υ				
	-12369 Sep 16 j 09:09	0° \mathfrak{D}				-12364 Jul 18 j 21:28	0° \mathcal{H}				
	-12369 Oct 16 j 05:46	0° Ω			min. Earth dist.	-12364 Aug 01 j 07:19	13° \mathcal{H} 44'50	0.98036 AU			
	-12369 Nov 15 j 16:30	0° \mathfrak{M}				-12364 Aug 17 j 03:56	0° Π				
	-12369 Dec 16 j 17:35	0° \mathfrak{L}				-12364 Sep 15 j 14:20	0° \mathfrak{D}				
	-12368 Jan 17 j 05:13	0° \mathfrak{M}				-12364 Oct 15 j 10:59	0° Ω				
max. Earth dist.	-12368 Jan 30 j 12:16	12° \mathfrak{M} 36'26	1.01966 AU			-12364 Nov 14 j 21:46	0° \mathfrak{M}				
	-12368 Feb 17 j 20:31	0° \mathcal{H}				-12364 Dec 15 j 22:53	0° \mathfrak{L}				
	-12368 Mar 20 j 07:26	0° Ξ				-12363 Jan 16 j 10:33	0° \mathfrak{M}				
	-12368 Apr 20 j 07:16	0° \approx			max. Earth dist.	-12363 Jan 29 j 17:31	12° \mathfrak{M} 36'18	1.01967 AU			
	-12368 May 20 j 16:40	0° \mathcal{H}				-12363 Feb 17 j 01:49	0° \mathcal{H}				
	-12368 Jun 19 j 12:11	0° Υ				-12363 Mar 20 j 12:41	0° Ξ				
	-12368 Jul 18 j 21:59	0° \mathcal{H}				-12363 Apr 20 j 12:30	0° \approx				
min. Earth dist.	-12368 Aug 01 j 01:00	13° \mathcal{H} 27'07	0.98031 AU			-12363 May 20 j 21:53	0° \mathcal{H}				
	-12368 Aug 17 j 04:30	0° Π				-12363 Jun 19 j 17:25	0° Υ				
	-12368 Sep 15 j 14:55	0° \mathfrak{D}				-12363 Jul 19 j 03:14	0° \mathcal{H}				
	-12368 Oct 15 j 11:34	0° Ω			min. Earth dist.	-12363 Aug 02 j 02:05	14° \mathcal{H} 18'09	0.98033 AU			
	-12368 Nov 14 j 22:19	0° \mathfrak{M}				-12363 Aug 17 j 09:45	0° Π				
	-12368 Dec 15 j 23:25	0° \mathfrak{L}				-12363 Sep 15 j 20:11	0° \mathfrak{D}				
	-12367 Jan 16 j 11:04	0° \mathfrak{M}				-12363 Oct 15 j 16:51	0° Ω				
max. Earth dist.	-12367 Jan 31 j 22:08	14° \mathfrak{M} 39'19	1.01968 AU			-12363 Nov 15 j 03:37	0° \mathfrak{M}				
	-12367 Feb 17 j 02:23	0° \mathcal{H}				-12363 Dec 16 j 04:42	0° \mathfrak{L}				

Attention, astronomical year style is used: The year -12362 in astronomical counting style is the year 12363 BCE in historical counting style.

	-12362 Jan 16 j 16:20	0° \mathbb{M}					-12358 Oct 15 j 21:56	0° Ω			
max. Earth dist.	-12362 Jan 31 j 11:48	14° \mathbb{M} 02'32	1.01963 AU				-12358 Nov 15 j 08:36	0° \mathbb{M}			
	-12362 Feb 17 j 07:35	0° \mathbb{A}					-12358 Dec 16 j 09:36	0° \mathbb{A}			
	-12362 Mar 20 j 18:28	0° \mathbb{B}					-12357 Jan 16 j 21:11	0° \mathbb{M}			
	-12362 Apr 20 j 18:17	0° \approx			max. Earth dist.		-12357 Jan 30 j 13:09	12° \mathbb{M} 57'37	1.01963 AU		
	-12362 May 21 j 03:40	0° \mathbb{H}					-12357 Feb 17 j 12:26	0° \mathbb{A}			
	-12362 Jun 19 j 23:12	0° \mathbb{Y}					-12357 Mar 20 j 23:21	0° \mathbb{B}			
	-12362 Jul 19 j 09:01	0° \mathbb{B}					-12357 Apr 20 j 23:18	0° \approx			
min. Earth dist.	-12362 Jul 31 j 16:00	12° \mathbb{B} 35'38	0.98036 AU				-12357 May 21 j 08:49	0° \mathbb{H}			
	-12362 Aug 17 j 15:32	0° \mathbb{I}					-12357 Jun 20 j 04:27	0° \mathbb{Y}			
	-12362 Sep 16 j 01:57	0° \mathbb{B}					-12357 Jul 19 j 14:17	0° \mathbb{B}			
	-12362 Oct 15 j 22:35	0° Ω			min. Earth dist.		-12357 Aug 01 j 16:31	13° \mathbb{B} 25'06	0.98029 AU		
	-12362 Nov 15 j 09:17	0° \mathbb{M}					-12357 Aug 17 j 20:45	0° \mathbb{I}			
	-12362 Dec 16 j 10:19	0° \mathbb{A}					-12357 Sep 16 j 07:05	0° \mathbb{B}			
	-12361 Jan 16 j 21:57	0° \mathbb{M}					-12357 Oct 16 j 03:37	0° Ω			
max. Earth dist.	-12361 Jan 31 j 19:25	14° \mathbb{M} 07'15	1.01970 AU				-12357 Nov 15 j 14:15	0° \mathbb{M}			
	-12361 Feb 17 j 13:17	0° \mathbb{A}					-12357 Dec 16 j 15:15	0° \mathbb{A}			
	-12361 Mar 21 j 00:14	0° \mathbb{B}					-12356 Jan 17 j 02:53	0° \mathbb{M}			
	-12361 Apr 21 j 00:09	0° \approx			max. Earth dist.		-12356 Feb 01 j 17:32	14° \mathbb{M} 47'49	1.01970 AU		
	-12361 May 21 j 09:36	0° \mathbb{H}					-12356 Feb 17 j 18:14	0° \mathbb{A}			
	-12361 Jun 20 j 05:09	0° \mathbb{Y}					-12356 Mar 20 j 05:14	0° \mathbb{B}			
	-12361 Jul 19 j 14:57	0° \mathbb{B}					-12356 Apr 20 j 05:13	0° \approx			
min. Earth dist.	-12361 Aug 02 j 18:52	14° \mathbb{B} 31'14	0.98036 AU				-12356 May 20 j 14:44	0° \mathbb{H}			
	-12361 Aug 17 j 21:26	0° \mathbb{I}					-12356 Jun 19 j 10:22	0° \mathbb{Y}			
	-12361 Sep 16 j 07:50	0° \mathbb{B}					-12356 Jul 18 j 20:13	0° \mathbb{B}			
	-12361 Oct 16 j 04:27	0° Ω			min. Earth dist.		-12356 Aug 01 j 00:17	13° \mathbb{B} 29'55	0.98037 AU		
	-12361 Nov 15 j 15:08	0° \mathbb{M}					-12356 Aug 17 j 02:42	0° \mathbb{I}			
	-12361 Dec 16 j 16:10	0° \mathbb{A}					-12356 Sep 15 j 13:03	0° \mathbb{B}			
	-12360 Jan 17 j 03:47	0° \mathbb{M}					-12356 Oct 15 j 09:36	0° Ω			
max. Earth dist.	-12360 Jan 30 j 12:21	12° \mathbb{M} 40'05	1.01968 AU				-12356 Nov 14 j 20:15	0° \mathbb{M}			
	-12360 Feb 17 j 19:06	0° \mathbb{A}					-12356 Dec 15 j 21:16	0° \mathbb{A}			
	-12360 Mar 20 j 06:04	0° \mathbb{B}					-12355 Jan 16 j 08:53	0° \mathbb{M}			
	-12360 Apr 20 j 05:58	0° \approx			max. Earth dist.		-12355 Jan 30 j 03:21	13° \mathbb{M} 03'31	1.01969 AU		
	-12360 May 20 j 15:23	0° \mathbb{H}					-12355 Feb 17 j 00:11	0° \mathbb{A}			
	-12360 Jun 19 j 10:54	0° \mathbb{Y}					-12355 Mar 20 j 11:09	0° \mathbb{B}			
	-12360 Jul 18 j 20:39	0° \mathbb{B}					-12355 Apr 20 j 11:05	0° \approx			
min. Earth dist.	-12360 Aug 01 j 06:48	13° \mathbb{B} 45'31	0.98028 AU				-12355 May 20 j 20:33	0° \mathbb{H}			
	-12360 Aug 17 j 03:07	0° \mathbb{I}					-12355 Jun 19 j 16:10	0° \mathbb{Y}			
	-12360 Sep 15 j 13:30	0° \mathbb{B}					-12355 Jul 19 j 02:01	0° \mathbb{B}			
	-12360 Oct 15 j 10:07	0° Ω			min. Earth dist.		-12355 Aug 02 j 08:40	14° \mathbb{B} 38'09	0.98035 AU		
	-12360 Nov 14 j 20:52	0° \mathbb{M}					-12355 Aug 17 j 08:34	0° \mathbb{I}			
	-12360 Dec 15 j 21:56	0° \mathbb{A}					-12355 Sep 15 j 18:59	0° \mathbb{B}			
	-12359 Jan 16 j 09:33	0° \mathbb{M}					-12355 Oct 15 j 15:36	0° Ω			
max. Earth dist.	-12359 Jan 31 j 23:02	14° \mathbb{M} 45'02	1.01968 AU				-12355 Nov 15 j 02:16	0° \mathbb{M}			
	-12359 Feb 17 j 00:52	0° \mathbb{A}					-12355 Dec 16 j 03:14	0° \mathbb{A}			
	-12359 Mar 20 j 11:51	0° \mathbb{B}					-12354 Jan 16 j 14:46	0° \mathbb{M}			
	-12359 Apr 20 j 11:47	0° \approx			max. Earth dist.		-12354 Jan 31 j 08:16	13° \mathbb{M} 57'57	1.01961 AU		
	-12359 May 20 j 21:15	0° \mathbb{H}					-12354 Feb 17 j 06:01	0° \mathbb{A}			
	-12359 Jun 19 j 16:47	0° \mathbb{Y}					-12354 Mar 20 j 16:57	0° \mathbb{B}			
	-12359 Jul 19 j 02:33	0° \mathbb{B}					-12354 Apr 20 j 16:54	0° \approx			
min. Earth dist.	-12359 Jul 31 j 10:25	12° \mathbb{B} 38'01	0.98033 AU				-12354 May 21 j 02:24	0° \mathbb{H}			
	-12359 Aug 17 j 09:00	0° \mathbb{I}					-12354 Jun 19 j 22:01	0° \mathbb{Y}			
	-12359 Sep 15 j 19:23	0° \mathbb{B}					-12354 Jul 19 j 07:53	0° \mathbb{B}			
	-12359 Oct 15 j 16:00	0° Ω			min. Earth dist.		-12354 Jul 31 j 20:45	12° \mathbb{B} 50'42	0.98035 AU		
	-12359 Nov 15 j 02:43	0° \mathbb{M}					-12354 Aug 17 j 14:24	0° \mathbb{I}			
	-12359 Dec 16 j 03:46	0° \mathbb{A}					-12354 Sep 16 j 00:48	0° \mathbb{B}			
	-12358 Jan 16 j 15:23	0° \mathbb{M}					-12354 Oct 15 j 21:23	0° Ω			
max. Earth dist.	-12358 Jan 30 j 22:41	13° \mathbb{M} 33'52	1.01968 AU				-12354 Nov 15 j 08:01	0° \mathbb{M}			
	-12358 Feb 17 j 06:40	0° \mathbb{A}					-12354 Dec 16 j 08:58	0° \mathbb{A}			
	-12358 Mar 20 j 17:36	0° \mathbb{B}					-12353 Jan 16 j 20:30	0° \mathbb{M}			
	-12358 Apr 20 j 17:33	0° \approx			max. Earth dist.		-12353 Feb 01 j 05:33	14° \mathbb{M} 34'44	1.01966 AU		
	-12358 May 21 j 03:03	0° \mathbb{H}					-12353 Feb 17 j 11:46	0° \mathbb{A}			
	-12358 Jun 19 j 22:40	0° \mathbb{Y}					-12353 Mar 20 j 22:45	0° \mathbb{B}			
	-12358 Jul 19 j 08:30	0° \mathbb{B}					-12353 Apr 20 j 22:46	0° \approx			
min. Earth dist.	-12358 Aug 02 j 20:58	14° \mathbb{B} 53'12	0.98033 AU				-12353 May 21 j 08:21	0° \mathbb{H}			
	-12358 Aug 17 j 14:59	0° \mathbb{I}					-12353 Jun 20 j 04:01	0° \mathbb{Y}			
	-12358 Sep 16 j 01:21	0° \mathbb{B}					-12353 Jul 19 j 13:53	0° \mathbb{B}			

Attention, astronomical year style is used: The year -12353 in astronomical counting style is the year 12354 BCE in historical counting style.

min. Earth dist.	-12353 Aug 02 j 15:49	14° ♁ 26'04	0.98037 AU				-12348 May 20 j 13:47	0° ♁			
	-12353 Aug 17 j 20:23	0° ♁					-12348 Jun 19 j 09:23	0° ♁			
	-12353 Sep 16 j 06:45	0° ♁					-12348 Jul 18 j 19:10	0° ♁			
	-12353 Oct 16 j 03:19	0° ♁		min. Earth dist.			-12348 Jul 31 j 11:49	13° ♁ 00'35	0.98033 AU		
	-12353 Nov 15 j 13:58	0° ♁					-12348 Aug 17 j 01:37	0° ♁			
	-12353 Dec 16 j 14:56	0° ♁					-12348 Sep 15 j 11:57	0° ♁			
	-12352 Jan 17 j 02:30	0° ♁					-12348 Oct 15 j 08:30	0° ♁			
max. Earth dist.	-12352 Jan 30 j 13:27	12° ♁ 45'49	1.01965 AU				-12348 Nov 14 j 19:10	0° ♁			
	-12352 Feb 17 j 17:46	0° ♁					-12348 Dec 15 j 20:11	0° ♁			
	-12352 Mar 20 j 04:43	0° ♁					-12347 Jan 16 j 07:48	0° ♁			
	-12352 Apr 20 j 04:39	0° ♁		max. Earth dist.			-12347 Jan 30 j 10:08	13° ♁ 22'06	1.01971 AU		
	-12352 May 20 j 14:10	0° ♁					-12347 Feb 16 j 23:07	0° ♁			
	-12352 Jun 19 j 09:49	0° ♁					-12347 Mar 20 j 10:07	0° ♁			
	-12352 Jul 18 j 19:40	0° ♁					-12347 Apr 20 j 10:07	0° ♁			
min. Earth dist.	-12352 Aug 01 j 17:19	14° ♁ 15'02	0.98032 AU				-12347 May 20 j 19:38	0° ♁			
	-12352 Aug 17 j 02:10	0° ♁					-12347 Jun 19 j 15:15	0° ♁			
	-12352 Sep 15 j 12:32	0° ♁					-12347 Jul 19 j 01:04	0° ♁			
	-12352 Oct 15 j 09:07	0° ♁		min. Earth dist.			-12347 Aug 02 j 12:55	14° ♁ 51'38	0.98031 AU		
	-12352 Nov 14 j 19:48	0° ♁					-12347 Aug 17 j 07:32	0° ♁			
	-12352 Dec 15 j 20:49	0° ♁					-12347 Sep 15 j 17:52	0° ♁			
	-12351 Jan 16 j 08:24	0° ♁					-12347 Oct 15 j 14:26	0° ♁			
max. Earth dist.	-12351 Jan 31 j 18:10	14° ♁ 36'20	1.01963 AU				-12347 Nov 15 j 01:05	0° ♁			
	-12351 Feb 16 j 23:40	0° ♁					-12347 Dec 16 j 02:04	0° ♁			
	-12351 Mar 20 j 10:37	0° ♁					-12346 Jan 16 j 13:38	0° ♁			
	-12351 Apr 20 j 10:33	0° ♁		max. Earth dist.			-12346 Jan 30 j 19:36	13° ♁ 30'42	1.01964 AU		
	-12351 May 20 j 20:03	0° ♁					-12346 Feb 17 j 04:54	0° ♁			
	-12351 Jun 19 j 15:40	0° ♁					-12346 Mar 20 j 15:52	0° ♁			
	-12351 Jul 19 j 01:32	0° ♁					-12346 Apr 20 j 15:52	0° ♁			
min. Earth dist.	-12351 Jul 31 j 10:46	12° ♁ 41'24	0.98037 AU				-12346 May 21 j 01:26	0° ♁			
	-12351 Aug 17 j 08:03	0° ♁					-12346 Jun 19 j 21:06	0° ♁			
	-12351 Sep 15 j 18:27	0° ♁					-12346 Jul 19 j 06:57	0° ♁			
	-12351 Oct 15 j 15:02	0° ♁		min. Earth dist.			-12346 Aug 01 j 05:08	13° ♁ 14'39	0.98030 AU		
	-12351 Nov 15 j 01:42	0° ♁					-12346 Aug 17 j 13:24	0° ♁			
	-12351 Dec 16 j 02:41	0° ♁					-12346 Sep 15 j 23:41	0° ♁			
	-12350 Jan 16 j 14:17	0° ♁					-12346 Oct 15 j 20:09	0° ♁			
max. Earth dist.	-12350 Jan 31 j 05:53	13° ♁ 53'31	1.01967 AU				-12346 Nov 15 j 06:42	0° ♁			
	-12350 Feb 17 j 05:33	0° ♁					-12346 Dec 16 j 07:38	0° ♁			
	-12350 Mar 20 j 16:29	0° ♁					-12345 Jan 16 j 19:12	0° ♁			
	-12350 Apr 20 j 16:25	0° ♁		max. Earth dist.			-12345 Feb 01 j 11:36	14° ♁ 52'04	1.01969 AU		
	-12350 May 21 j 01:55	0° ♁					-12345 Feb 17 j 10:31	0° ♁			
	-12350 Jun 19 j 21:34	0° ♁					-12345 Mar 20 j 21:34	0° ♁			
	-12350 Jul 19 j 07:27	0° ♁					-12345 Apr 20 j 21:38	0° ♁			
min. Earth dist.	-12350 Aug 02 j 19:52	14° ♁ 52'59	0.98039 AU				-12345 May 21 j 07:16	0° ♁			
	-12350 Aug 17 j 14:00	0° ♁					-12345 Jun 20 j 03:00	0° ♁			
	-12350 Sep 16 j 00:25	0° ♁					-12345 Jul 19 j 12:53	0° ♁			
	-12350 Oct 15 j 21:00	0° ♁		min. Earth dist.			-12345 Aug 02 j 12:02	14° ♁ 18'54	0.98035 AU		
	-12350 Nov 15 j 07:38	0° ♁					-12345 Aug 17 j 19:21	0° ♁			
	-12350 Dec 16 j 08:36	0° ♁					-12345 Sep 16 j 05:37	0° ♁			
	-12349 Jan 16 j 20:08	0° ♁					-12345 Oct 16 j 02:03	0° ♁			
max. Earth dist.	-12349 Jan 30 j 08:33	12° ♁ 49'14	1.01963 AU				-12345 Nov 15 j 12:35	0° ♁			
	-12349 Feb 17 j 11:24	0° ♁					-12345 Dec 16 j 13:30	0° ♁			
	-12349 Mar 20 j 22:21	0° ♁					-12344 Jan 17 j 01:04	0° ♁			
	-12349 Apr 20 j 22:17	0° ♁		max. Earth dist.			-12344 Jan 30 j 18:49	13° ♁ 01'53	1.01970 AU		
	-12349 May 21 j 07:48	0° ♁					-12344 Feb 17 j 16:24	0° ♁			
	-12349 Jun 20 j 03:25	0° ♁					-12344 Mar 20 j 03:26	0° ♁			
	-12349 Jul 19 j 13:14	0° ♁					-12344 Apr 20 j 03:28	0° ♁			
min. Earth dist.	-12349 Aug 01 j 20:23	13° ♁ 37'44	0.98030 AU				-12344 May 20 j 13:02	0° ♁			
	-12349 Aug 17 j 19:43	0° ♁					-12344 Jun 19 j 08:44	0° ♁			
	-12349 Sep 16 j 06:05	0° ♁					-12344 Jul 18 j 18:37	0° ♁			
	-12349 Oct 16 j 02:38	0° ♁		min. Earth dist.			-12344 Aug 02 j 02:36	14° ♁ 41'33	0.98032 AU		
	-12349 Nov 15 j 13:16	0° ♁					-12344 Aug 17 j 01:07	0° ♁			
	-12349 Dec 16 j 14:15	0° ♁					-12344 Sep 15 j 11:26	0° ♁			
	-12348 Jan 17 j 01:51	0° ♁					-12344 Oct 15 j 07:55	0° ♁			
max. Earth dist.	-12348 Feb 01 j 21:13	14° ♁ 59'00	1.01969 AU				-12344 Nov 14 j 18:27	0° ♁			
	-12348 Feb 17 j 17:11	0° ♁					-12344 Dec 15 j 19:21	0° ♁			
	-12348 Mar 20 j 04:14	0° ♁					-12343 Jan 16 j 06:53	0° ♁			
	-12348 Apr 20 j 04:15	0° ♁		max. Earth dist.			-12343 Jan 31 j 16:51	14° ♁ 36'53	1.01965 AU		

Attention, astronomical year style is used: The year -12343 in astronomical counting style is the year 12344 BCE in historical counting style.

	-12343 Feb 16 j 22:10	0°♂			-12339 Dec 16 j 00:37	0°♂	
	-12343 Mar 20 j 09:12	0°♂			-12338 Jan 16 j 12:08	0°♂	
	-12343 Apr 20 j 09:14	0°♂		max. Earth dist.	-12338 Jan 30 j 09:44	13°♂10'56	1.01963 AU
	-12343 May 20 j 18:49	0°♂			-12338 Feb 17 j 03:23	0°♂	
	-12343 Jun 19 j 14:30	0°♂			-12338 Mar 20 j 14:21	0°♂	
	-12343 Jul 19 j 00:23	0°♂			-12338 Apr 20 j 14:21	0°♂	
min. Earth dist.	-12343 Jul 31 j 12:47	12°♂49'29	0.98036 AU		-12338 May 20 j 23:56	0°♂	
	-12343 Aug 17 j 06:54	0°♂			-12338 Jun 19 j 19:38	0°♂	
	-12343 Sep 15 j 17:15	0°♂			-12338 Jul 19 j 05:33	0°♂	
	-12343 Oct 15 j 13:46	0°♂		min. Earth dist.	-12338 Aug 01 j 10:32	13°♂32'04	0.98034 AU
	-12343 Nov 15 j 00:19	0°♂			-12338 Aug 17 j 12:05	0°♂	
	-12343 Dec 16 j 01:11	0°♂			-12338 Sep 15 j 22:24	0°♂	
	-12342 Jan 16 j 12:40	0°♂			-12338 Oct 15 j 18:52	0°♂	
max. Earth dist.	-12342 Jan 31 j 18:11	14°♂26'26	1.01966 AU		-12338 Nov 15 j 05:22	0°♂	
	-12342 Feb 17 j 03:55	0°♂			-12338 Dec 16 j 06:14	0°♂	
	-12342 Mar 20 j 14:56	0°♂			-12337 Jan 16 j 17:44	0°♂	
	-12342 Apr 20 j 14:59	0°♂		max. Earth dist.	-12337 Feb 01 j 17:05	15°♂08'28	1.01968 AU
	-12342 May 21 j 00:37	0°♂			-12337 Feb 17 j 09:03	0°♂	
	-12342 Jun 19 j 20:21	0°♂			-12337 Mar 20 j 20:07	0°♂	
	-12342 Jul 19 j 06:16	0°♂			-12337 Apr 20 j 20:13	0°♂	
min. Earth dist.	-12342 Aug 02 j 18:57	14°♂53'40	0.98039 AU		-12337 May 21 j 05:52	0°♂	
	-12342 Aug 17 j 12:48	0°♂			-12337 Jun 20 j 01:35	0°♂	
	-12342 Sep 15 j 23:10	0°♂			-12337 Jul 19 j 11:28	0°♂	
	-12342 Oct 15 j 19:41	0°♂		min. Earth dist.	-12337 Aug 01 j 22:08	13°♂46'46	0.98037 AU
	-12342 Nov 15 j 06:15	0°♂			-12337 Aug 17 j 17:58	0°♂	
	-12342 Dec 16 j 07:06	0°♂			-12337 Sep 16 j 04:16	0°♂	
	-12341 Jan 16 j 18:34	0°♂			-12337 Oct 16 j 00:44	0°♂	
max. Earth dist.	-12341 Jan 30 j 10:20	12°♂57'17	1.01961 AU		-12337 Nov 15 j 11:15	0°♂	
	-12341 Feb 17 j 09:46	0°♂			-12337 Dec 16 j 12:08	0°♂	
	-12341 Mar 20 j 20:45	0°♂			-12336 Jan 16 j 23:41	0°♂	
	-12341 Apr 20 j 20:47	0°♂		max. Earth dist.	-12336 Jan 31 j 00:59	13°♂19'44	1.01970 AU
	-12341 May 21 j 06:25	0°♂			-12336 Feb 17 j 15:01	0°♂	
	-12341 Jun 20 j 02:09	0°♂			-12336 Mar 20 j 02:05	0°♂	
	-12341 Jul 19 j 12:02	0°♂			-12336 Apr 20 j 02:10	0°♂	
min. Earth dist.	-12341 Aug 02 j 06:39	14°♂07'08	0.98031 AU		-12336 May 20 j 11:47	0°♂	
	-12341 Aug 17 j 18:31	0°♂			-12336 Jun 19 j 07:28	0°♂	
	-12341 Sep 16 j 04:50	0°♂			-12336 Jul 18 j 17:19	0°♂	
	-12341 Oct 16 j 01:19	0°♂		min. Earth dist.	-12336 Aug 02 j 06:25	14°♂54'45	0.98030 AU
	-12341 Nov 15 j 11:52	0°♂			-12336 Aug 16 j 23:47	0°♂	
	-12341 Dec 16 j 12:46	0°♂			-12336 Sep 15 j 10:05	0°♂	
	-12340 Jan 17 j 00:17	0°♂			-12336 Oct 15 j 06:34	0°♂	
max. Earth dist.	-12340 Feb 01 j 22:42	15°♂06'18	1.01965 AU		-12336 Nov 14 j 17:08	0°♂	
	-12340 Feb 17 j 15:34	0°♂			-12336 Dec 15 j 18:02	0°♂	
	-12340 Mar 20 j 02:35	0°♂			-12335 Jan 16 j 05:34	0°♂	
	-12340 Apr 20 j 02:39	0°♂		max. Earth dist.	-12335 Jan 31 j 06:59	14°♂16'39	1.01965 AU
	-12340 May 20 j 12:17	0°♂			-12335 Feb 16 j 20:52	0°♂	
	-12340 Jun 19 j 08:00	0°♂			-12335 Mar 20 j 07:55	0°♂	
	-12340 Jul 18 j 17:54	0°♂			-12335 Apr 20 j 08:01	0°♂	
min. Earth dist.	-12340 Jul 31 j 11:35	13°♂03'08	0.98035 AU		-12335 May 20 j 17:39	0°♂	
	-12340 Aug 17 j 00:23	0°♂			-12335 Jun 19 j 13:21	0°♂	
	-12340 Sep 15 j 10:41	0°♂			-12335 Jul 18 j 23:13	0°♂	
	-12340 Oct 15 j 07:10	0°♂		min. Earth dist.	-12335 Jul 31 j 16:04	13°♂01'00	0.98031 AU
	-12340 Nov 14 j 17:44	0°♂			-12335 Aug 17 j 05:40	0°♂	
	-12340 Dec 15 j 18:41	0°♂			-12335 Sep 15 j 15:58	0°♂	
	-12339 Jan 16 j 06:15	0°♂			-12335 Oct 15 j 12:26	0°♂	
max. Earth dist.	-12339 Jan 30 j 17:05	13°♂42'14	1.01968 AU		-12335 Nov 14 j 22:58	0°♂	
	-12339 Feb 16 j 21:32	0°♂			-12335 Dec 15 j 23:50	0°♂	
	-12339 Mar 20 j 08:31	0°♂			-12334 Jan 16 j 11:21	0°♂	
	-12339 Apr 20 j 08:32	0°♂		max. Earth dist.	-12334 Feb 01 j 01:02	14°♂45'42	1.01967 AU
	-12339 May 20 j 18:07	0°♂			-12334 Feb 17 j 02:38	0°♂	
	-12339 Jun 19 j 13:49	0°♂			-12334 Mar 20 j 13:41	0°♂	
	-12339 Jul 18 j 23:44	0°♂			-12334 Apr 20 j 13:48	0°♂	
min. Earth dist.	-12339 Aug 02 j 17:43	15°♂07'14	0.98036 AU		-12334 May 20 j 23:30	0°♂	
	-12339 Aug 17 j 06:16	0°♂			-12334 Jun 19 j 19:17	0°♂	
	-12339 Sep 15 j 16:38	0°♂			-12334 Jul 19 j 05:13	0°♂	
	-12339 Oct 15 j 13:08	0°♂		min. Earth dist.	-12334 Aug 02 j 16:34	14°♂50'13	0.98037 AU
	-12339 Nov 14 j 23:42	0°♂			-12334 Aug 17 j 11:43	0°♂	

Attention, astronomical year style is used: The year -12334 in astronomical counting style is the year 12335 BCE in historical counting style.

	-12334 Sep 15 j 21:59	0°☾					-12329 Jul 19 j 10:37	0°♄			
	-12334 Oct 15 j 18:25	0°♌			min. Earth dist.		-12329 Aug 01 j 17:58	13°♄38'15	0.98035 AU		
	-12334 Nov 15 j 04:54	0°♍					-12329 Aug 17 j 17:05	0°♊			
	-12334 Dec 16 j 05:46	0°♊					-12329 Sep 16 j 03:19	0°☾			
	-12333 Jan 16 j 17:16	0°♋					-12329 Oct 15 j 23:42	0°♌			
max. Earth dist.	-12333 Jan 30 j 10:37	13°♋01'00	1.01966 AU				-12329 Nov 15 j 10:09	0°♍			
	-12333 Feb 17 j 08:32	0°♎					-12329 Dec 16 j 10:58	0°♊			
	-12333 Mar 20 j 19:35	0°♋					-12328 Jan 16 j 22:28	0°♋			
	-12333 Apr 20 j 19:41	0°♌			max. Earth dist.		-12328 Jan 31 j 08:22	13°♋40'06	1.01969 AU		
	-12333 May 21 j 05:23	0°♍					-12328 Feb 17 j 13:46	0°♎			
	-12333 Jun 20 j 01:09	0°♎					-12328 Mar 20 j 00:51	0°♋			
	-12333 Jul 19 j 11:04	0°♄					-12328 Apr 20 j 00:59	0°♌			
min. Earth dist.	-12333 Aug 02 j 16:23	14°♄34'40	0.98029 AU				-12328 May 20 j 10:41	0°♍			
	-12333 Aug 17 j 17:33	0°♊					-12328 Jun 19 j 06:29	0°♎			
	-12333 Sep 16 j 03:47	0°☾					-12328 Jul 18 j 16:25	0°♄			
	-12333 Oct 16 j 00:10	0°♌			min. Earth dist.		-12328 Aug 02 j 14:46	15°♄18'30	0.98032 AU		
	-12333 Nov 15 j 10:38	0°♍					-12328 Aug 16 j 22:54	0°♊			
	-12333 Dec 16 j 11:29	0°♊					-12328 Sep 15 j 09:09	0°☾			
	-12332 Jan 16 j 23:00	0°♋					-12328 Oct 15 j 05:33	0°♌			
max. Earth dist.	-12332 Feb 01 j 21:59	15°♋07'37	1.01968 AU				-12328 Nov 14 j 16:01	0°♍			
	-12332 Feb 17 j 14:20	0°♎					-12328 Dec 15 j 16:52	0°♊			
	-12332 Mar 20 j 01:26	0°♋					-12327 Jan 16 j 04:21	0°♋			
	-12332 Apr 20 j 01:34	0°♌			max. Earth dist.		-12327 Jan 30 j 20:06	13°♋53'53	1.01963 AU		
	-12332 May 20 j 11:15	0°♍					-12327 Feb 16 j 19:37	0°♎			
	-12332 Jun 19 j 07:01	0°♎					-12327 Mar 20 j 06:40	0°♋			
	-12332 Jul 18 j 16:56	0°♄					-12327 Apr 20 j 06:46	0°♌			
min. Earth dist.	-12332 Jul 31 j 10:56	13°♄03'52	0.98034 AU				-12327 May 20 j 16:27	0°♍			
	-12332 Aug 16 j 23:25	0°♊					-12327 Jun 19 j 12:14	0°♎			
	-12332 Sep 15 j 09:42	0°☾					-12327 Jul 18 j 22:11	0°♄			
	-12332 Oct 15 j 06:06	0°♌			min. Earth dist.		-12327 Jul 31 j 23:06	13°♄21'36	0.98034 AU		
	-12332 Nov 14 j 16:35	0°♍					-12327 Aug 17 j 04:42	0°♊			
	-12332 Dec 15 j 17:26	0°♊					-12327 Sep 15 j 14:59	0°☾			
	-12331 Jan 16 j 04:58	0°♋					-12327 Oct 15 j 11:23	0°♌			
max. Earth dist.	-12331 Jan 31 j 04:12	14°♋11'32	1.01970 AU				-12327 Nov 14 j 21:50	0°♍			
	-12331 Feb 16 j 20:18	0°♎					-12327 Dec 15 j 22:37	0°♊			
	-12331 Mar 20 j 07:23	0°♋					-12326 Jan 16 j 10:04	0°♋			
	-12331 Apr 20 j 07:29	0°♌			max. Earth dist.		-12326 Feb 01 j 08:31	15°♋06'26	1.01966 AU		
	-12331 May 20 j 17:09	0°♍					-12326 Feb 17 j 01:21	0°♎			
	-12331 Jun 19 j 12:54	0°♎					-12326 Mar 20 j 12:24	0°♋			
	-12331 Jul 18 j 22:49	0°♄					-12326 Apr 20 j 12:32	0°♌			
min. Earth dist.	-12331 Aug 02 j 18:50	15°♄12'29	0.98036 AU				-12326 May 20 j 22:15	0°♍			
	-12331 Aug 17 j 05:21	0°♊					-12326 Jun 19 j 18:04	0°♎			
	-12331 Sep 15 j 15:40	0°☾					-12326 Jul 19 j 04:02	0°♄			
	-12331 Oct 15 j 12:07	0°♌			min. Earth dist.		-12326 Aug 02 j 07:45	14°♄30'29	0.98040 AU		
	-12331 Nov 14 j 22:37	0°♍					-12326 Aug 17 j 10:35	0°♊			
	-12331 Dec 15 j 23:26	0°♊					-12326 Sep 15 j 20:53	0°☾			
	-12330 Jan 16 j 10:54	0°♋					-12326 Oct 15 j 17:16	0°♌			
max. Earth dist.	-12330 Jan 30 j 08:55	13°♋12'01	1.01963 AU				-12326 Nov 15 j 03:42	0°♍			
	-12330 Feb 17 j 02:09	0°♎					-12326 Dec 16 j 04:29	0°♊			
	-12330 Mar 20 j 13:11	0°♋					-12325 Jan 16 j 15:56	0°♋			
	-12330 Apr 20 j 13:18	0°♌			max. Earth dist.		-12325 Jan 30 j 15:20	13°♋15'19	1.01966 AU		
	-12330 May 20 j 22:59	0°♍					-12325 Feb 17 j 07:12	0°♎			
	-12330 Jun 19 j 18:45	0°♎					-12325 Mar 20 j 18:17	0°♋			
	-12330 Jul 19 j 04:41	0°♄					-12325 Apr 20 j 18:25	0°♌			
min. Earth dist.	-12330 Aug 01 j 18:52	13°♄55'43	0.98031 AU				-12325 May 21 j 04:08	0°♍			
	-12330 Aug 17 j 11:11	0°♊					-12325 Jun 19 j 23:55	0°♎			
	-12330 Sep 15 j 21:27	0°☾					-12325 Jul 19 j 09:50	0°♄			
	-12330 Oct 15 j 17:52	0°♌			min. Earth dist.		-12325 Aug 02 j 21:56	14°♄52'08	0.98031 AU		
	-12330 Nov 15 j 04:18	0°♍					-12325 Aug 17 j 16:18	0°♊			
	-12330 Dec 16 j 05:05	0°♊					-12325 Sep 16 j 02:34	0°☾			
	-12329 Jan 16 j 16:32	0°♋					-12325 Oct 15 j 22:56	0°♌			
max. Earth dist.	-12329 Feb 01 j 22:45	15°♋24'49	1.01965 AU				-12325 Nov 15 j 09:22	0°♍			
	-12329 Feb 17 j 07:48	0°♎					-12325 Dec 16 j 10:10	0°♊			
	-12329 Mar 20 j 18:54	0°♋					-12324 Jan 16 j 21:38	0°♋			
	-12329 Apr 20 j 19:05	0°♌			max. Earth dist.		-12324 Feb 01 j 17:39	15°♋00'39	1.01966 AU		
	-12329 May 21 j 04:51	0°♍					-12324 Feb 17 j 12:57	0°♎			
	-12329 Jun 20 j 00:40	0°♎					-12324 Mar 20 j 00:04	0°♋			

Attention, astronomical year style is used: The year -12324 in astronomical counting style is the year 12325 BCE in historical counting style.

	-12324 Apr 20 j 00:16	0°≈		max. Earth dist.	-12319 Jan 30 j 15:30	13°ℓ46'49	1.01964 AU
	-12324 May 20 j 10:00	0°℔			-12319 Feb 16 j 18:03	0°♁	
	-12324 Jun 19 j 05:46	0°Υ			-12319 Mar 20 j 05:10	0°♂	
	-12324 Jul 18 j 15:39	0°♂			-12319 Apr 20 j 05:22	0°≈	
min. Earth dist.	-12324 Jul 31 j 10:27	13°♂05'55	0.98031 AU		-12319 May 20 j 15:08	0°℔	
	-12324 Aug 16 j 22:06	0°ℓ			-12319 Jun 19 j 10:58	0°Υ	
	-12324 Sep 15 j 08:20	0°♂			-12319 Jul 18 j 20:56	0°♂	
	-12324 Oct 15 j 04:43	0°♂		min. Earth dist.	-12319 Aug 01 j 05:32	13°♂41'18	0.98034 AU
	-12324 Nov 14 j 15:10	0°♐			-12319 Aug 17 j 03:27	0°ℓ	
	-12324 Dec 15 j 16:00	0°♁			-12319 Sep 15 j 13:44	0°♂	
	-12323 Jan 16 j 03:30	0°ℓ			-12319 Oct 15 j 10:06	0°♂	
max. Earth dist.	-12323 Jan 31 j 12:15	14°ℓ34'04	1.01970 AU		-12319 Nov 14 j 20:28	0°♐	
	-12323 Feb 16 j 18:49	0°♁			-12319 Dec 15 j 21:09	0°♁	
	-12323 Mar 20 j 05:55	0°♂			-12318 Jan 16 j 08:31	0°ℓ	
	-12323 Apr 20 j 06:06	0°≈		max. Earth dist.	-12318 Feb 01 j 17:11	15°ℓ30'39	1.01963 AU
	-12323 May 20 j 15:50	0°℔			-12318 Feb 16 j 23:46	0°♁	
	-12323 Jun 19 j 11:38	0°Υ			-12318 Mar 20 j 10:53	0°♂	
	-12323 Jul 18 j 21:33	0°♂			-12318 Apr 20 j 11:07	0°≈	
min. Earth dist.	-12323 Aug 02 j 18:32	15°♂14'58	0.98034 AU		-12318 May 20 j 20:56	0°℔	
	-12323 Aug 17 j 04:02	0°ℓ			-12318 Jun 19 j 16:50	0°Υ	
	-12323 Sep 15 j 14:16	0°♂			-12318 Jul 19 j 02:50	0°♂	
	-12323 Oct 15 j 10:39	0°♂		min. Earth dist.	-12318 Aug 01 j 23:44	14°♂12'58	0.98040 AU
	-12323 Nov 14 j 21:06	0°♐			-12318 Aug 17 j 09:22	0°ℓ	
	-12323 Dec 15 j 21:55	0°♁			-12318 Sep 15 j 19:38	0°♂	
	-12322 Jan 16 j 09:23	0°ℓ			-12318 Oct 15 j 16:00	0°♂	
max. Earth dist.	-12322 Jan 30 j 06:02	13°ℓ08'49	1.01965 AU		-12318 Nov 15 j 02:23	0°♐	
	-12322 Feb 17 j 00:39	0°♁			-12318 Dec 16 j 03:06	0°♁	
	-12322 Mar 20 j 11:43	0°♂			-12317 Jan 16 j 14:29	0°ℓ	
	-12322 Apr 20 j 11:53	0°≈		max. Earth dist.	-12317 Jan 30 j 21:42	13°ℓ33'51	1.01964 AU
	-12322 May 20 j 21:38	0°℔			-12317 Feb 17 j 05:43	0°♁	
	-12322 Jun 19 j 17:29	0°Υ			-12317 Mar 20 j 16:49	0°♂	
	-12322 Jul 19 j 03:27	0°♂			-12317 Apr 20 j 17:02	0°≈	
min. Earth dist.	-12322 Aug 02 j 05:15	14°♂25'33	0.98030 AU		-12317 May 21 j 02:52	0°℔	
	-12322 Aug 17 j 09:56	0°ℓ			-12317 Jun 19 j 22:45	0°Υ	
	-12322 Sep 15 j 20:07	0°♂			-12317 Jul 19 j 08:44	0°♂	
	-12322 Oct 15 j 16:25	0°♂		min. Earth dist.	-12317 Aug 03 j 07:01	15°♂18'15	0.98031 AU
	-12322 Nov 15 j 02:46	0°♐			-12317 Aug 17 j 15:12	0°ℓ	
	-12322 Dec 16 j 03:30	0°♁			-12317 Sep 16 j 01:25	0°♂	
	-12321 Jan 16 j 14:56	0°ℓ			-12317 Oct 15 j 21:45	0°♂	
max. Earth dist.	-12321 Feb 02 j 00:06	15°ℓ31'45	1.01967 AU		-12317 Nov 15 j 08:08	0°♐	
	-12321 Feb 17 j 06:14	0°♁			-12317 Dec 16 j 08:53	0°♁	
	-12321 Mar 20 j 17:23	0°♂			-12316 Jan 16 j 20:19	0°ℓ	
	-12321 Apr 20 j 17:37	0°≈		max. Earth dist.	-12316 Feb 01 j 07:48	14°ℓ40'34	1.01963 AU
	-12321 May 21 j 03:26	0°℔			-12316 Feb 17 j 11:36	0°♁	
	-12321 Jun 19 j 23:20	0°Υ			-12316 Mar 19 j 22:42	0°♂	
	-12321 Jul 19 j 09:19	0°♂			-12316 Apr 19 j 22:55	0°≈	
min. Earth dist.	-12321 Aug 01 j 14:52	13°♂33'31	0.98035 AU		-12316 May 20 j 08:44	0°℔	
	-12321 Aug 17 j 15:48	0°ℓ			-12316 Jun 19 j 04:36	0°Υ	
	-12321 Sep 16 j 02:00	0°♂			-12316 Jul 18 j 14:34	0°♂	
	-12321 Oct 15 j 22:17	0°♂		min. Earth dist.	-12316 Jul 31 j 15:45	13°♂22'14	0.98033 AU
	-12321 Nov 15 j 08:37	0°♐			-12316 Aug 16 j 21:03	0°ℓ	
	-12321 Dec 16 j 09:21	0°♁			-12316 Sep 15 j 07:16	0°♂	
	-12320 Jan 16 j 20:49	0°ℓ			-12316 Oct 15 j 03:35	0°♂	
max. Earth dist.	-12320 Jan 31 j 17:49	14°ℓ06'17	1.01971 AU		-12316 Nov 14 j 13:59	0°♐	
	-12320 Feb 17 j 12:10	0°♁			-12316 Dec 15 j 14:46	0°♁	
	-12320 Mar 19 j 23:20	0°♂			-12315 Jan 16 j 02:14	0°ℓ	
	-12320 Apr 19 j 23:32	0°≈		max. Earth dist.	-12315 Jan 31 j 19:06	14°ℓ53'13	1.01968 AU
	-12320 May 20 j 09:19	0°℔			-12315 Feb 16 j 17:33	0°♁	
	-12320 Jun 19 j 05:09	0°Υ			-12315 Mar 20 j 04:39	0°♂	
	-12320 Jul 18 j 15:07	0°♂			-12315 Apr 20 j 04:50	0°≈	
min. Earth dist.	-12320 Aug 02 j 18:23	15°♂31'02	0.98035 AU		-12315 May 20 j 14:36	0°℔	
	-12320 Aug 16 j 21:38	0°ℓ			-12315 Jun 19 j 10:28	0°Υ	
	-12320 Sep 15 j 07:53	0°♂			-12315 Jul 18 j 20:27	0°♂	
	-12320 Oct 15 j 04:13	0°♂		min. Earth dist.	-12315 Aug 02 j 14:10	15°♂06'27	0.98039 AU
	-12320 Nov 14 j 14:35	0°♐			-12315 Aug 17 j 02:59	0°ℓ	
	-12320 Dec 15 j 15:20	0°♁			-12315 Sep 15 j 13:14	0°♂	
	-12319 Jan 16 j 02:46	0°ℓ			-12315 Oct 15 j 09:36	0°♂	

Attention, astronomical year style is used: The year -12315 in astronomical counting style is the year 12316 BCE in historical counting style.

	-12315 Nov 14 j 19:59	0° \mathbb{M}				-12310 Aug 17 j 08:25	0° \mathbb{I}			
	-12315 Dec 15 j 20:45	0° \mathbb{L}				-12310 Sep 15 j 18:36	0° \mathbb{G}			
	-12314 Jan 16 j 08:12	0° \mathbb{M}				-12310 Oct 15 j 14:50	0° \mathbb{O}			
max. Earth dist.	-12314 Jan 30 j 06:57	13° \mathbb{M} 13'45	1.01966 AU			-12310 Nov 15 j 01:06	0° \mathbb{M}			
	-12314 Feb 16 j 23:30	0° \mathbb{J}				-12310 Dec 16 j 01:46	0° \mathbb{L}			
	-12314 Mar 20 j 10:35	0° \mathbb{Z}				-12309 Jan 16 j 13:10	0° \mathbb{M}			
	-12314 Apr 20 j 10:46	0° \approx			max. Earth dist.	-12309 Jan 31 j 05:20	13° \mathbb{M} 54'59	1.01968 AU		
	-12314 May 20 j 20:32	0° \mathbb{H}				-12309 Feb 17 j 04:28	0° \mathbb{J}			
	-12314 Jun 19 j 16:23	0° \mathbb{Y}				-12309 Mar 20 j 15:38	0° \mathbb{Z}			
	-12314 Jul 19 j 02:22	0° \mathbb{B}				-12309 Apr 20 j 15:55	0° \approx			
min. Earth dist.	-12314 Aug 02 j 11:14	14° \mathbb{B} 43'41	0.98032 AU			-12309 May 21 j 01:49	0° \mathbb{H}			
	-12314 Aug 17 j 08:53	0° \mathbb{I}				-12309 Jun 19 j 21:46	0° \mathbb{Y}			
	-12314 Sep 15 j 19:06	0° \mathbb{G}				-12309 Jul 19 j 07:47	0° \mathbb{B}			
	-12314 Oct 15 j 15:23	0° \mathbb{O}			min. Earth dist.	-12309 Aug 03 j 15:16	15° \mathbb{B} 41'51	0.98032 AU		
	-12314 Nov 15 j 01:42	0° \mathbb{M}				-12309 Aug 17 j 14:16	0° \mathbb{I}			
	-12314 Dec 16 j 02:23	0° \mathbb{L}				-12309 Sep 16 j 00:26	0° \mathbb{G}			
	-12313 Jan 16 j 13:48	0° \mathbb{M}				-12309 Oct 15 j 20:39	0° \mathbb{O}			
max. Earth dist.	-12313 Feb 01 j 23:55	15° \mathbb{M} 34'02	1.01966 AU			-12309 Nov 15 j 06:54	0° \mathbb{M}			
	-12313 Feb 17 j 05:07	0° \mathbb{J}				-12309 Dec 16 j 07:33	0° \mathbb{L}			
	-12313 Mar 20 j 16:18	0° \mathbb{Z}				-12308 Jan 16 j 18:57	0° \mathbb{M}			
	-12313 Apr 20 j 16:34	0° \approx			max. Earth dist.	-12308 Feb 01 j 01:49	14° \mathbb{M} 29'39	1.01965 AU		
	-12313 May 21 j 02:24	0° \mathbb{H}				-12308 Feb 17 j 10:16	0° \mathbb{J}			
	-12313 Jun 19 j 22:17	0° \mathbb{Y}				-12308 Mar 19 j 21:26	0° \mathbb{Z}			
	-12313 Jul 19 j 08:14	0° \mathbb{B}				-12308 Apr 19 j 21:44	0° \approx			
min. Earth dist.	-12313 Aug 01 j 09:25	13° \mathbb{B} 22'17	0.98033 AU			-12308 May 20 j 07:36	0° \mathbb{H}			
	-12313 Aug 17 j 14:42	0° \mathbb{I}				-12308 Jun 19 j 03:32	0° \mathbb{Y}			
	-12313 Sep 16 j 00:53	0° \mathbb{G}				-12308 Jul 18 j 13:33	0° \mathbb{B}			
	-12313 Oct 15 j 21:10	0° \mathbb{O}			min. Earth dist.	-12308 Jul 31 j 21:16	13° \mathbb{B} 39'01	0.98033 AU		
	-12313 Nov 15 j 07:30	0° \mathbb{M}				-12308 Aug 16 j 20:03	0° \mathbb{I}			
	-12313 Dec 16 j 08:13	0° \mathbb{L}				-12308 Sep 15 j 06:14	0° \mathbb{G}			
	-12312 Jan 16 j 19:40	0° \mathbb{M}				-12308 Oct 15 j 02:29	0° \mathbb{O}			
max. Earth dist.	-12312 Feb 01 j 02:21	14° \mathbb{M} 29'11	1.01973 AU			-12308 Nov 14 j 12:46	0° \mathbb{M}			
	-12312 Feb 17 j 11:02	0° \mathbb{J}				-12308 Dec 15 j 13:25	0° \mathbb{L}			
	-12312 Mar 19 j 22:15	0° \mathbb{Z}				-12307 Jan 16 j 00:48	0° \mathbb{M}			
	-12312 Apr 19 j 22:32	0° \approx			max. Earth dist.	-12307 Feb 01 j 06:32	15° \mathbb{M} 23'44	1.01967 AU		
	-12312 May 20 j 08:21	0° \mathbb{H}				-12307 Feb 16 j 16:06	0° \mathbb{J}			
	-12312 Jun 19 j 04:12	0° \mathbb{Y}				-12307 Mar 20 j 03:16	0° \mathbb{Z}			
	-12312 Jul 18 j 14:08	0° \mathbb{B}				-12307 Apr 20 j 03:33	0° \approx			
min. Earth dist.	-12312 Aug 02 j 18:38	15° \mathbb{B} 34'16	0.98031 AU			-12307 May 20 j 13:25	0° \mathbb{H}			
	-12312 Aug 16 j 20:35	0° \mathbb{I}				-12307 Jun 19 j 09:20	0° \mathbb{Y}			
	-12312 Sep 15 j 06:46	0° \mathbb{G}				-12307 Jul 18 j 19:21	0° \mathbb{B}			
	-12312 Oct 15 j 03:05	0° \mathbb{O}			min. Earth dist.	-12307 Aug 02 j 06:47	14° \mathbb{B} 50'15	0.98040 AU		
	-12312 Nov 14 j 13:27	0° \mathbb{M}				-12307 Aug 17 j 01:53	0° \mathbb{I}			
	-12312 Dec 15 j 14:11	0° \mathbb{L}				-12307 Sep 15 j 12:08	0° \mathbb{G}			
	-12311 Jan 16 j 01:37	0° \mathbb{M}				-12307 Oct 15 j 08:26	0° \mathbb{O}			
max. Earth dist.	-12311 Jan 30 j 08:41	13° \mathbb{M} 33'24	1.01966 AU			-12307 Nov 14 j 18:45	0° \mathbb{M}			
	-12311 Feb 16 j 16:56	0° \mathbb{J}				-12307 Dec 15 j 19:24	0° \mathbb{L}			
	-12311 Mar 20 j 04:05	0° \mathbb{Z}				-12306 Jan 16 j 06:45	0° \mathbb{M}			
	-12311 Apr 20 j 04:21	0° \approx			max. Earth dist.	-12306 Jan 30 j 13:24	13° \mathbb{M} 32'34	1.01964 AU		
	-12311 May 20 j 14:11	0° \mathbb{H}				-12306 Feb 16 j 22:00	0° \mathbb{J}			
	-12311 Jun 19 j 10:04	0° \mathbb{Y}				-12306 Mar 20 j 09:08	0° \mathbb{Z}			
	-12311 Jul 18 j 20:02	0° \mathbb{B}				-12306 Apr 20 j 09:24	0° \approx			
min. Earth dist.	-12311 Aug 01 j 15:00	14° \mathbb{B} 08'00	0.98029 AU			-12306 May 20 j 19:17	0° \mathbb{H}			
	-12311 Aug 17 j 02:29	0° \mathbb{I}				-12306 Jun 19 j 15:13	0° \mathbb{Y}			
	-12311 Sep 15 j 12:40	0° \mathbb{G}				-12306 Jul 19 j 01:15	0° \mathbb{B}			
	-12311 Oct 15 j 08:56	0° \mathbb{O}			min. Earth dist.	-12306 Aug 02 j 19:51	15° \mathbb{B} 08'43	0.98032 AU		
	-12311 Nov 14 j 19:14	0° \mathbb{M}				-12306 Aug 17 j 07:45	0° \mathbb{I}			
	-12311 Dec 15 j 19:55	0° \mathbb{L}				-12306 Sep 15 j 17:57	0° \mathbb{G}			
	-12310 Jan 16 j 07:18	0° \mathbb{M}				-12306 Oct 15 j 14:11	0° \mathbb{O}			
max. Earth dist.	-12310 Feb 01 j 20:20	15° \mathbb{M} 41'00	1.01965 AU			-12306 Nov 15 j 00:26	0° \mathbb{M}			
	-12310 Feb 16 j 22:34	0° \mathbb{J}				-12306 Dec 16 j 01:03	0° \mathbb{L}			
	-12310 Mar 20 j 09:43	0° \mathbb{Z}				-12305 Jan 16 j 12:23	0° \mathbb{M}			
	-12310 Apr 20 j 10:01	0° \approx			max. Earth dist.	-12305 Feb 01 j 20:34	15° \mathbb{M} 29'37	1.01962 AU		
	-12310 May 20 j 19:56	0° \mathbb{H}				-12305 Feb 17 j 03:37	0° \mathbb{J}			
	-12310 Jun 19 j 15:53	0° \mathbb{Y}				-12305 Mar 20 j 14:47	0° \mathbb{Z}			
	-12310 Jul 19 j 01:55	0° \mathbb{B}				-12305 Apr 20 j 15:06	0° \approx			
min. Earth dist.	-12310 Aug 01 j 20:26	14° \mathbb{B} 06'45	0.98037 AU			-12305 May 21 j 01:03	0° \mathbb{H}			

Attention, astronomical year style is used: The year -12305 in astronomical counting style is the year 12306 BCE in historical counting style.

	-12305 Jun 19 j 21:02	0°Υ			-12300 Mar 19 j 20:04	0°Ϡ		
	-12305 Jul 19 j 07:03	0°Ϡ			-12300 Apr 19 j 20:25	0°≈		
min. Earth dist.	-12305 Aug 01 j 12:50	13°Ϡ34'01	0.98034 AU		-12300 May 20 j 06:21	0°Ϡ		
	-12305 Aug 17 j 13:32	0°Π			-12300 Jun 19 j 02:17	0°Υ		
	-12305 Sep 15 j 23:42	0°Ϡ			-12300 Jul 18 j 12:15	0°Ϡ		
	-12305 Oct 15 j 19:55	0°Ω		min. Earth dist.	-12300 Aug 01 j 02:26	13°Ϡ55'44	0.98028 AU	
	-12305 Nov 15 j 06:11	0°Ϡ			-12300 Aug 16 j 18:41	0°Π		
	-12305 Dec 16 j 06:50	0°⊕			-12300 Sep 15 j 04:49	0°Ϡ		
	-12304 Jan 16 j 18:14	0°⊕			-12300 Oct 15 j 01:01	0°Ω		
max. Earth dist.	-12304 Feb 01 j 09:22	14°⊕49'11	1.01969 AU		-12300 Nov 14 j 11:17	0°Ϡ		
	-12304 Feb 17 j 09:33	0°Ϡ			-12300 Dec 15 j 11:57	0°⊕		
	-12304 Mar 19 j 20:43	0°Ϡ			-12299 Jan 15 j 23:21	0°⊕		
	-12304 Apr 19 j 21:01	0°≈		max. Earth dist.	-12299 Feb 01 j 11:57	15°⊕39'56	1.01968 AU	
	-12304 May 20 j 06:55	0°Ϡ			-12299 Feb 16 j 14:40	0°Ϡ		
	-12304 Jun 19 j 02:51	0°Υ			-12299 Mar 20 j 01:53	0°Ϡ		
	-12304 Jul 18 j 12:53	0°Ϡ			-12299 Apr 20 j 02:14	0°≈		
min. Earth dist.	-12304 Aug 02 j 20:09	15°Ϡ41'19	0.98036 AU		-12299 May 20 j 12:11	0°Ϡ		
	-12304 Aug 16 j 19:22	0°Π			-12299 Jun 19 j 08:09	0°Υ		
	-12304 Sep 15 j 05:33	0°Ϡ			-12299 Jul 18 j 18:10	0°Ϡ		
	-12304 Oct 15 j 01:48	0°Ω		min. Earth dist.	-12299 Aug 02 j 00:34	14°Ϡ37'23	0.98035 AU	
	-12304 Nov 14 j 12:06	0°Ϡ			-12299 Aug 17 j 00:38	0°Π		
	-12304 Dec 15 j 12:47	0°⊕			-12299 Sep 15 j 10:46	0°Ϡ		
	-12303 Jan 16 j 00:12	0°⊕			-12299 Oct 15 j 06:58	0°Ω		
max. Earth dist.	-12303 Jan 30 j 04:24	13°⊕26'43	1.01966 AU		-12299 Nov 14 j 17:13	0°Ϡ		
	-12303 Feb 16 j 15:29	0°Ϡ			-12299 Dec 15 j 17:53	0°⊕		
	-12303 Mar 20 j 02:37	0°Ϡ			-12298 Jan 16 j 05:17	0°⊕		
	-12303 Apr 20 j 02:52	0°≈		max. Earth dist.	-12298 Jan 30 j 17:15	13°⊕45'06	1.01968 AU	
	-12303 May 20 j 12:44	0°Ϡ			-12298 Feb 16 j 20:35	0°Ϡ		
	-12303 Jun 19 j 08:39	0°Υ			-12298 Mar 20 j 07:47	0°Ϡ		
	-12303 Jul 18 j 18:41	0°Ϡ			-12298 Apr 20 j 08:08	0°≈		
min. Earth dist.	-12303 Aug 01 j 22:22	14°Ϡ30'20	0.98033 AU		-12298 May 20 j 18:06	0°Ϡ		
	-12303 Aug 17 j 01:12	0°Π			-12298 Jun 19 j 14:06	0°Υ		
	-12303 Sep 15 j 11:24	0°Ϡ			-12298 Jul 19 j 00:10	0°Ϡ		
	-12303 Oct 15 j 07:39	0°Ω		min. Earth dist.	-12298 Aug 03 j 06:14	15°Ϡ38'13	0.98030 AU	
	-12303 Nov 14 j 17:54	0°Ϡ			-12298 Aug 17 j 06:38	0°Π		
	-12303 Dec 15 j 18:31	0°⊕			-12298 Sep 15 j 16:43	0°Ϡ		
	-12302 Jan 16 j 05:51	0°⊕			-12298 Oct 15 j 12:50	0°Ω		
max. Earth dist.	-12302 Feb 01 j 21:34	15°⊕47'19	1.01964 AU		-12298 Nov 14 j 22:59	0°Ϡ		
	-12302 Feb 16 j 21:07	0°Ϡ			-12298 Dec 15 j 23:33	0°⊕		
	-12302 Mar 20 j 08:17	0°Ϡ			-12297 Jan 16 j 10:55	0°⊕		
	-12302 Apr 20 j 08:35	0°≈		max. Earth dist.	-12297 Feb 01 j 12:52	15°⊕14'50	1.01966 AU	
	-12302 May 20 j 18:29	0°Ϡ			-12297 Feb 17 j 02:13	0°Ϡ		
	-12302 Jun 19 j 14:27	0°Υ			-12297 Mar 20 j 13:28	0°Ϡ		
	-12302 Jul 19 j 00:30	0°Ϡ			-12297 Apr 20 j 13:53	0°≈		
min. Earth dist.	-12302 Aug 01 j 10:44	13°Ϡ45'28	0.98038 AU		-12297 May 20 j 23:54	0°Ϡ		
	-12302 Aug 17 j 07:01	0°Π			-12297 Jun 19 j 19:56	0°Υ		
	-12302 Sep 15 j 17:14	0°Ϡ			-12297 Jul 19 j 06:01	0°Ϡ		
	-12302 Oct 15 j 13:28	0°Ω		min. Earth dist.	-12297 Aug 01 j 18:05	13°Ϡ50'07	0.98032 AU	
	-12302 Nov 14 j 23:43	0°Ϡ			-12297 Aug 17 j 12:30	0°Π		
	-12302 Dec 16 j 00:20	0°⊕			-12297 Sep 15 j 22:36	0°Ϡ		
	-12301 Jan 16 j 11:42	0°⊕			-12297 Oct 15 j 18:42	0°Ω		
max. Earth dist.	-12301 Jan 31 j 13:51	14°⊕18'33	1.01969 AU		-12297 Nov 15 j 04:50	0°Ϡ		
	-12301 Feb 17 j 03:01	0°Ϡ			-12297 Dec 16 j 05:23	0°⊕		
	-12301 Mar 20 j 14:13	0°Ϡ			-12296 Jan 16 j 16:46	0°⊕		
	-12301 Apr 20 j 14:34	0°≈		max. Earth dist.	-12296 Feb 01 j 20:04	15°⊕17'55	1.01972 AU	
	-12301 May 21 j 00:28	0°Ϡ			-12296 Feb 17 j 08:08	0°Ϡ		
	-12301 Jun 19 j 20:24	0°Υ			-12296 Mar 19 j 19:25	0°Ϡ		
	-12301 Jul 19 j 06:23	0°Ϡ			-12296 Apr 19 j 19:49	0°≈		
min. Earth dist.	-12301 Aug 03 j 15:21	15°Ϡ45'42	0.98031 AU		-12296 May 20 j 05:48	0°Ϡ		
	-12301 Aug 17 j 12:50	0°Π			-12296 Jun 19 j 01:48	0°Υ		
	-12301 Sep 15 j 23:00	0°Ϡ			-12296 Jul 18 j 11:52	0°Ϡ		
	-12301 Oct 15 j 19:13	0°Ω		min. Earth dist.	-12296 Aug 02 j 17:41	15°Ϡ37'31	0.98037 AU	
	-12301 Nov 15 j 05:29	0°Ϡ			-12296 Aug 16 j 18:22	0°Π		
	-12301 Dec 16 j 06:08	0°⊕			-12296 Sep 15 j 04:30	0°Ϡ		
	-12300 Jan 16 j 17:31	0°⊕			-12296 Oct 15 j 00:41	0°Ω		
max. Earth dist.	-12300 Jan 31 j 16:31	14°⊕11'06	1.01967 AU		-12296 Nov 14 j 10:52	0°Ϡ		
	-12300 Feb 17 j 08:51	0°Ϡ			-12296 Dec 15 j 11:27	0°⊕		

Attention, astronomical year style is used: The year -12295 in astronomical counting style is the year 12296 BCE in historical counting style.

	-12295 Jan 15 j 22:47	0°♌					-12291 Oct 15 j 06:01	0°♏			
max. Earth dist.	-12295 Jan 30 j 10:01	13°♌43'22	1.01967 AU				-12291 Nov 14 j 16:13	0°♐			
	-12295 Feb 16 j 14:06	0°♑					-12291 Dec 15 j 16:47	0°♐			
	-12295 Mar 20 j 01:20	0°♑					-12290 Jan 16 j 04:08	0°♌			
	-12295 Apr 20 j 01:43	0°♒			max. Earth dist.	-12290 Jan 31 j 00:04	14°♌03'55	1.01967 AU			
	-12295 May 20 j 11:41	0°♒				-12290 Feb 16 j 19:25	0°♑				
	-12295 Jun 19 j 07:41	0°♓				-12290 Mar 20 j 06:37	0°♑				
	-12295 Jul 18 j 17:45	0°♓				-12290 Apr 20 j 06:59	0°♒				
min. Earth dist.	-12295 Aug 02 j 06:51	14°♓54'32	0.98033 AU			-12290 May 20 j 16:56	0°♒				
	-12295 Aug 17 j 00:16	0°♑				-12290 Jun 19 j 12:57	0°♓				
	-12295 Sep 15 j 10:27	0°♑				-12290 Jul 18 j 23:02	0°♓				
	-12295 Oct 15 j 06:38	0°♏			min. Earth dist.	-12290 Aug 03 j 09:40	15°♓49'53	0.98034 AU			
	-12295 Nov 14 j 16:48	0°♐				-12290 Aug 17 j 05:33	0°♑				
	-12295 Dec 15 j 17:18	0°♐				-12290 Sep 15 j 15:41	0°♑				
	-12294 Jan 16 j 04:33	0°♌				-12290 Oct 15 j 11:49	0°♏				
max. Earth dist.	-12294 Feb 02 j 01:29	15°♌59'48	1.01961 AU			-12290 Nov 14 j 21:57	0°♐				
	-12294 Feb 16 j 19:47	0°♑				-12290 Dec 15 j 22:28	0°♐				
	-12294 Mar 20 j 06:59	0°♑				-12289 Jan 16 j 09:46	0°♌				
	-12294 Apr 20 j 07:23	0°♒			max. Earth dist.	-12289 Feb 01 j 03:36	14°♌55'43	1.01964 AU			
	-12294 May 20 j 17:26	0°♒				-12289 Feb 17 j 01:04	0°♑				
	-12294 Jun 19 j 13:30	0°♓				-12289 Mar 20 j 12:19	0°♑				
	-12294 Jul 18 j 23:36	0°♓				-12289 Apr 20 j 12:44	0°♒				
min. Earth dist.	-12294 Aug 01 j 10:41	13°♓47'35	0.98037 AU			-12289 May 20 j 22:46	0°♒				
	-12294 Aug 17 j 06:07	0°♑				-12289 Jun 19 j 18:47	0°♓				
	-12294 Sep 15 j 16:17	0°♑				-12289 Jul 19 j 04:50	0°♓				
	-12294 Oct 15 j 12:28	0°♏			min. Earth dist.	-12289 Aug 01 j 18:50	13°♓55'09	0.98031 AU			
	-12294 Nov 14 j 22:38	0°♐				-12289 Aug 17 j 11:18	0°♑				
	-12294 Dec 15 j 23:10	0°♐				-12289 Sep 15 j 21:24	0°♑				
	-12293 Jan 16 j 10:28	0°♌				-12289 Oct 15 j 17:32	0°♏				
max. Earth dist.	-12293 Jan 31 j 23:36	14°♌44'38	1.01966 AU			-12289 Nov 15 j 03:40	0°♐				
	-12293 Feb 17 j 01:43	0°♑				-12289 Dec 16 j 04:12	0°♐				
	-12293 Mar 20 j 12:56	0°♑				-12288 Jan 16 j 15:32	0°♌				
	-12293 Apr 20 j 13:21	0°♒			max. Earth dist.	-12288 Feb 02 j 03:20	15°♌38'03	1.01971 AU			
	-12293 May 20 j 23:23	0°♒				-12288 Feb 17 j 06:53	0°♑				
	-12293 Jun 19 j 19:26	0°♓				-12288 Mar 19 j 18:11	0°♑				
	-12293 Jul 19 j 05:31	0°♓				-12288 Apr 19 j 18:38	0°♒				
min. Earth dist.	-12293 Aug 03 j 20:46	16°♓01'47	0.98034 AU			-12288 May 20 j 04:39	0°♒				
	-12293 Aug 17 j 11:59	0°♑				-12288 Jun 19 j 00:40	0°♓				
	-12293 Sep 15 j 22:06	0°♑				-12288 Jul 18 j 10:41	0°♓				
	-12293 Oct 15 j 18:16	0°♏			min. Earth dist.	-12288 Aug 02 j 08:07	15°♓16'02	0.98034 AU			
	-12293 Nov 15 j 04:27	0°♐				-12288 Aug 16 j 17:07	0°♑				
	-12293 Dec 16 j 05:02	0°♐				-12288 Sep 15 j 03:13	0°♑				
	-12292 Jan 16 j 16:23	0°♌				-12288 Oct 14 j 23:21	0°♏				
max. Earth dist.	-12292 Jan 31 j 09:03	13°♌56'13	1.01964 AU			-12288 Nov 14 j 09:33	0°♐				
	-12292 Feb 17 j 07:39	0°♑				-12288 Dec 15 j 10:08	0°♐				
	-12292 Mar 19 j 18:51	0°♑				-12287 Jan 15 j 21:29	0°♌				
	-12292 Apr 19 j 19:13	0°♒			max. Earth dist.	-12287 Jan 30 j 11:18	13°♌49'28	1.01969 AU			
	-12292 May 20 j 05:13	0°♒				-12287 Feb 16 j 12:48	0°♑				
	-12292 Jun 19 j 01:15	0°♓				-12287 Mar 20 j 00:04	0°♑				
	-12292 Jul 18 j 11:20	0°♓				-12287 Apr 20 j 00:29	0°♒				
min. Earth dist.	-12292 Aug 01 j 12:28	14°♓23'44	0.98032 AU			-12287 May 20 j 10:31	0°♒				
	-12292 Aug 16 j 17:50	0°♑				-12287 Jun 19 j 06:33	0°♓				
	-12292 Sep 15 j 03:58	0°♑				-12287 Jul 18 j 16:36	0°♓				
	-12292 Oct 15 j 00:07	0°♏			min. Earth dist.	-12287 Aug 02 j 15:35	15°♓19'59	0.98029 AU			
	-12292 Nov 14 j 10:18	0°♐				-12287 Aug 16 j 23:04	0°♑				
	-12292 Dec 15 j 10:53	0°♐				-12287 Sep 15 j 09:09	0°♑				
	-12291 Jan 15 j 22:13	0°♌				-12287 Oct 15 j 05:15	0°♏				
max. Earth dist.	-12291 Feb 01 j 15:21	15°♌50'44	1.01965 AU			-12287 Nov 14 j 15:22	0°♐				
	-12291 Feb 16 j 13:29	0°♑				-12287 Dec 15 j 15:52	0°♐				
	-12291 Mar 20 j 00:41	0°♑				-12286 Jan 16 j 03:08	0°♌				
	-12291 Apr 20 j 01:01	0°♒			max. Earth dist.	-12286 Feb 01 j 19:47	15°♌49'40	1.01963 AU			
	-12291 May 20 j 10:59	0°♒				-12286 Feb 16 j 18:24	0°♑				
	-12291 Jun 19 j 07:01	0°♓				-12286 Mar 20 j 05:38	0°♑				
	-12291 Jul 18 j 17:07	0°♓				-12286 Apr 20 j 06:05	0°♒				
min. Earth dist.	-12291 Aug 01 j 16:10	14°♓18'21	0.98040 AU			-12286 May 20 j 16:10	0°♒				
	-12291 Aug 16 j 23:39	0°♑				-12286 Jun 19 j 12:17	0°♓				
	-12291 Sep 15 j 09:50	0°♑				-12286 Jul 18 j 22:25	0°♓				

Attention, astronomical year style is used: The year -12286 in astronomical counting style is the year 12287 BCE in historical counting style.

min. Earth dist.	-12286 Aug 01 j 13:33	13° ♁ 57'58	0.98034 AU			-12281 May 20 j 21:23	0° ♁		
	-12286 Aug 17 j 04:54	0° ♁				-12281 Jun 19 j 17:32	0° ♁		
	-12286 Sep 15 j 14:59	0° ♁				-12281 Jul 19 j 03:40	0° ♁		
	-12286 Oct 15 j 11:03	0° ♁		min. Earth dist.		-12281 Aug 02 j 03:51	14° ♁ 21'16	0.98031 AU	
	-12286 Nov 14 j 21:07	0° ♁				-12281 Aug 17 j 10:08	0° ♁		
	-12286 Dec 15 j 21:36	0° ♁				-12281 Sep 15 j 20:11	0° ♁		
	-12285 Jan 16 j 08:54	0° ♁				-12281 Oct 15 j 16:14	0° ♁		
max. Earth dist.	-12285 Feb 01 j 07:48	15° ♁ 07'38	1.01969 AU			-12281 Nov 15 j 02:17	0° ♁		
	-12285 Feb 17 j 00:13	0° ♁				-12281 Dec 16 j 02:46	0° ♁		
	-12285 Mar 20 j 11:30	0° ♁				-12280 Jan 16 j 14:03	0° ♁		
	-12285 Apr 20 j 11:59	0° ♁		max. Earth dist.		-12280 Feb 02 j 09:13	15° ♁ 55'30	1.01968 AU	
	-12285 May 20 j 22:04	0° ♁				-12280 Feb 17 j 05:22	0° ♁		
	-12285 Jun 19 j 18:10	0° ♁				-12280 Mar 19 j 16:40	0° ♁		
	-12285 Jul 19 j 04:16	0° ♁				-12280 Apr 19 j 17:08	0° ♁		
min. Earth dist.	-12285 Aug 03 j 22:10	16° ♁ 08'32	0.98035 AU			-12280 May 20 j 03:14	0° ♁		
	-12285 Aug 17 j 10:45	0° ♁				-12280 Jun 18 j 23:21	0° ♁		
	-12285 Sep 15 j 20:49	0° ♁				-12280 Jul 18 j 09:28	0° ♁		
	-12285 Oct 15 j 16:52	0° ♁		min. Earth dist.		-12280 Aug 02 j 02:20	15° ♁ 04'08	0.98038 AU	
	-12285 Nov 15 j 02:57	0° ♁				-12280 Aug 16 j 15:58	0° ♁		
	-12285 Dec 16 j 03:27	0° ♁				-12280 Sep 15 j 02:04	0° ♁		
	-12284 Jan 16 j 14:46	0° ♁				-12280 Oct 14 j 22:08	0° ♁		
max. Earth dist.	-12284 Jan 31 j 08:33	13° ♁ 58'51	1.01968 AU			-12280 Nov 14 j 08:14	0° ♁		
	-12284 Feb 17 j 06:06	0° ♁				-12280 Dec 15 j 08:46	0° ♁		
	-12284 Mar 19 j 17:23	0° ♁				-12279 Jan 15 j 20:05	0° ♁		
	-12284 Apr 19 j 17:51	0° ♁		max. Earth dist.		-12279 Jan 30 j 15:32	14° ♁ 02'48	1.01968 AU	
	-12284 May 20 j 03:55	0° ♁				-12279 Feb 16 j 11:24	0° ♁		
	-12284 Jun 18 j 23:59	0° ♁				-12279 Mar 19 j 22:40	0° ♁		
	-12284 Jul 18 j 10:05	0° ♁				-12279 Apr 19 j 23:07	0° ♁		
min. Earth dist.	-12284 Aug 01 j 20:36	14° ♁ 47'52	0.98031 AU			-12279 May 20 j 09:11	0° ♁		
	-12284 Aug 16 j 16:34	0° ♁				-12279 Jun 19 j 05:16	0° ♁		
	-12284 Sep 15 j 02:40	0° ♁				-12279 Jul 18 j 15:24	0° ♁		
	-12284 Oct 14 j 22:45	0° ♁		min. Earth dist.		-12279 Aug 02 j 22:35	15° ♁ 40'57	0.98034 AU	
	-12284 Nov 14 j 08:50	0° ♁				-12279 Aug 16 j 21:56	0° ♁		
	-12284 Dec 15 j 09:18	0° ♁				-12279 Sep 15 j 08:03	0° ♁		
	-12283 Jan 15 j 20:34	0° ♁				-12279 Oct 15 j 04:07	0° ♁		
max. Earth dist.	-12283 Feb 01 j 21:14	16° ♁ 08'32	1.01965 AU			-12279 Nov 14 j 14:09	0° ♁		
	-12283 Feb 16 j 11:51	0° ♁				-12279 Dec 15 j 14:35	0° ♁		
	-12283 Mar 19 j 23:07	0° ♁				-12278 Jan 16 j 01:50	0° ♁		
	-12283 Apr 19 j 23:35	0° ♁		max. Earth dist.		-12278 Feb 01 j 12:53	15° ♁ 36'28	1.01962 AU	
	-12283 May 20 j 09:39	0° ♁				-12278 Feb 16 j 17:05	0° ♁		
	-12283 Jun 19 j 05:44	0° ♁				-12278 Mar 20 j 04:21	0° ♁		
	-12283 Jul 18 j 15:50	0° ♁				-12278 Apr 20 j 04:49	0° ♁		
min. Earth dist.	-12283 Aug 01 j 10:19	14° ♁ 06'37	0.98038 AU			-12278 May 20 j 14:56	0° ♁		
	-12283 Aug 16 j 22:21	0° ♁				-12278 Jun 19 j 11:03	0° ♁		
	-12283 Sep 15 j 08:30	0° ♁				-12278 Jul 18 j 21:12	0° ♁		
	-12283 Oct 15 j 04:38	0° ♁		min. Earth dist.		-12278 Aug 01 j 13:27	14° ♁ 00'48	0.98035 AU	
	-12283 Nov 14 j 14:45	0° ♁				-12278 Aug 17 j 03:44	0° ♁		
	-12283 Dec 15 j 15:14	0° ♁				-12278 Sep 15 j 13:51	0° ♁		
	-12282 Jan 16 j 02:31	0° ♁				-12278 Oct 15 j 09:55	0° ♁		
max. Earth dist.	-12282 Jan 31 j 10:27	14° ♁ 32'23	1.01966 AU			-12278 Nov 14 j 19:57	0° ♁		
	-12282 Feb 16 j 17:46	0° ♁				-12278 Dec 15 j 20:23	0° ♁		
	-12282 Mar 20 j 05:02	0° ♁				-12277 Jan 16 j 07:38	0° ♁		
	-12282 Apr 20 j 05:30	0° ♁		max. Earth dist.		-12277 Feb 01 j 16:46	15° ♁ 31'49	1.01969 AU	
	-12282 May 20 j 15:36	0° ♁				-12277 Feb 16 j 22:57	0° ♁		
	-12282 Jun 19 j 11:43	0° ♁				-12277 Mar 20 j 10:17	0° ♁		
	-12282 Jul 18 j 21:50	0° ♁				-12277 Apr 20 j 10:49	0° ♁		
min. Earth dist.	-12282 Aug 03 j 16:06	16° ♁ 09'28	0.98034 AU			-12277 May 20 j 20:57	0° ♁		
	-12282 Aug 17 j 04:20	0° ♁				-12277 Jun 19 j 17:03	0° ♁		
	-12282 Sep 15 j 14:24	0° ♁				-12277 Jul 19 j 03:08	0° ♁		
	-12282 Oct 15 j 10:28	0° ♁		min. Earth dist.		-12277 Aug 03 j 15:51	15° ♁ 55'14	0.98034 AU	
	-12282 Nov 14 j 20:32	0° ♁				-12277 Aug 17 j 09:35	0° ♁		
	-12282 Dec 15 j 20:59	0° ♁				-12277 Sep 15 j 19:39	0° ♁		
	-12281 Jan 16 j 08:14	0° ♁				-12277 Oct 15 j 15:43	0° ♁		
max. Earth dist.	-12281 Jan 31 j 19:09	14° ♁ 39'26	1.01962 AU			-12277 Nov 15 j 01:47	0° ♁		
	-12281 Feb 16 j 23:29	0° ♁				-12277 Dec 16 j 02:16	0° ♁		
	-12281 Mar 20 j 10:45	0° ♁				-12276 Jan 16 j 13:34	0° ♁		
	-12281 Apr 20 j 11:15	0° ♁		max. Earth dist.		-12276 Jan 31 j 08:43	14° ♁ 02'06	1.01969 AU	

Attention, astronomical year style is used: The year -12276 in astronomical counting style is the year 12277 BCE in historical counting style.

	-12276 Feb 17 j 04:54	0°♂					-12272 Dec 15 j 07:32	0°♂			
	-12276 Mar 19 j 16:14	0°♂					-12271 Jan 15 j 18:47	0°♂			
	-12276 Apr 19 j 16:46	0°♂			max. Earth dist.		-12271 Jan 31 j 00:38	14°♂27'25	1.01968 AU		
	-12276 May 20 j 02:54	0°♂					-12271 Feb 16 j 10:06	0°♂			
	-12276 Jun 18 j 23:00	0°♂					-12271 Mar 19 j 21:26	0°♂			
	-12276 Jul 18 j 09:05	0°♂					-12271 Apr 19 j 21:59	0°♂			
min. Earth dist.	-12276 Aug 02 j 04:07	15°♂09'50	0.98027 AU				-12271 May 20 j 08:08	0°♂			
	-12276 Aug 16 j 15:31	0°♂					-12271 Jun 19 j 04:16	0°♂			
	-12276 Sep 15 j 01:34	0°♂					-12271 Jul 18 j 14:25	0°♂			
	-12276 Oct 14 j 21:36	0°♂			min. Earth dist.		-12271 Aug 03 j 04:41	15°♂59'11	0.98034 AU		
	-12276 Nov 14 j 07:40	0°♂					-12271 Aug 16 j 20:55	0°♂			
	-12276 Dec 15 j 08:09	0°♂					-12271 Sep 15 j 07:00	0°♂			
	-12275 Jan 15 j 19:25	0°♂					-12271 Oct 15 j 03:03	0°♂			
max. Earth dist.	-12275 Feb 01 j 20:01	16°♂08'27	1.01965 AU				-12271 Nov 14 j 13:02	0°♂			
	-12275 Feb 16 j 10:41	0°♂					-12271 Dec 15 j 13:23	0°♂			
	-12275 Mar 19 j 21:59	0°♂					-12270 Jan 16 j 00:32	0°♂			
	-12275 Apr 19 j 22:30	0°♂			max. Earth dist.		-12270 Feb 01 j 05:03	15°♂21'07	1.01959 AU		
	-12275 May 20 j 08:38	0°♂					-12270 Feb 16 j 15:45	0°♂			
	-12275 Jun 19 j 04:47	0°♂					-12270 Mar 20 j 03:02	0°♂			
	-12275 Jul 18 j 14:55	0°♂					-12270 Apr 20 j 03:35	0°♂			
min. Earth dist.	-12275 Aug 01 j 09:46	14°♂07'32	0.98035 AU				-12270 May 20 j 13:48	0°♂			
	-12275 Aug 16 j 21:23	0°♂					-12270 Jun 19 j 10:01	0°♂			
	-12275 Sep 15 j 07:27	0°♂					-12270 Jul 18 j 20:11	0°♂			
	-12275 Oct 15 j 03:30	0°♂			min. Earth dist.		-12270 Aug 01 j 19:26	14°♂18'44	0.98034 AU		
	-12275 Nov 14 j 13:33	0°♂					-12270 Aug 17 j 02:42	0°♂			
	-12275 Dec 15 j 14:01	0°♂					-12270 Sep 15 j 12:46	0°♂			
	-12274 Jan 16 j 01:18	0°♂					-12270 Oct 15 j 08:46	0°♂			
max. Earth dist.	-12274 Jan 31 j 18:14	14°♂53'36	1.01968 AU				-12270 Nov 14 j 18:45	0°♂			
	-12274 Feb 16 j 16:36	0°♂					-12270 Dec 15 j 19:07	0°♂			
	-12274 Mar 20 j 03:54	0°♂					-12269 Jan 16 j 06:19	0°♂			
	-12274 Apr 20 j 04:26	0°♂			max. Earth dist.		-12269 Feb 02 j 00:14	15°♂52'43	1.01966 AU		
	-12274 May 20 j 14:35	0°♂					-12269 Feb 16 j 21:34	0°♂			
	-12274 Jun 19 j 10:47	0°♂					-12269 Mar 20 j 08:53	0°♂			
	-12274 Jul 18 j 20:56	0°♂					-12269 Apr 20 j 09:28	0°♂			
min. Earth dist.	-12274 Aug 03 j 21:05	16°♂24'34	0.98034 AU				-12269 May 20 j 19:41	0°♂			
	-12274 Aug 17 j 03:25	0°♂					-12269 Jun 19 j 15:53	0°♂			
	-12274 Sep 15 j 13:25	0°♂					-12269 Jul 19 j 02:02	0°♂			
	-12274 Oct 15 j 09:23	0°♂			min. Earth dist.		-12269 Aug 03 j 12:50	15°♂50'14	0.98035 AU		
	-12274 Nov 14 j 19:21	0°♂					-12269 Aug 17 j 08:30	0°♂			
	-12274 Dec 15 j 19:45	0°♂					-12269 Sep 15 j 18:30	0°♂			
	-12273 Jan 16 j 07:01	0°♂					-12269 Oct 15 j 14:30	0°♂			
max. Earth dist.	-12273 Jan 31 j 12:39	14°♂26'57	1.01965 AU				-12269 Nov 15 j 00:30	0°♂			
	-12273 Feb 16 j 22:19	0°♂					-12269 Dec 16 j 00:57	0°♂			
	-12273 Mar 20 j 09:39	0°♂					-12268 Jan 16 j 12:13	0°♂			
	-12273 Apr 20 j 10:12	0°♂			max. Earth dist.		-12268 Jan 31 j 09:53	14°♂08'06	1.01968 AU		
	-12273 May 20 j 20:23	0°♂					-12268 Feb 17 j 03:31	0°♂			
	-12273 Jun 19 j 16:35	0°♂					-12268 Mar 19 j 14:51	0°♂			
	-12273 Jul 19 j 02:45	0°♂					-12268 Apr 19 j 15:23	0°♂			
min. Earth dist.	-12273 Aug 02 j 11:57	14°♂44'23	0.98031 AU				-12268 May 20 j 01:33	0°♂			
	-12273 Aug 17 j 09:15	0°♂					-12268 Jun 18 j 21:44	0°♂			
	-12273 Sep 15 j 19:16	0°♂					-12268 Jul 18 j 07:53	0°♂			
	-12273 Oct 15 j 15:14	0°♂			min. Earth dist.		-12268 Aug 02 j 13:02	15°♂35'45	0.98031 AU		
	-12273 Nov 15 j 01:11	0°♂					-12268 Aug 16 j 14:22	0°♂			
	-12273 Dec 16 j 01:33	0°♂					-12268 Sep 15 j 00:24	0°♂			
	-12272 Jan 16 j 12:48	0°♂					-12268 Oct 14 j 20:23	0°♂			
max. Earth dist.	-12272 Feb 02 j 16:39	16°♂16'05	1.01969 AU				-12268 Nov 14 j 06:22	0°♂			
	-12272 Feb 17 j 04:08	0°♂					-12268 Dec 15 j 06:47	0°♂			
	-12272 Mar 19 j 15:29	0°♂					-12267 Jan 15 j 18:01	0°♂			
	-12272 Apr 19 j 16:03	0°♂			max. Earth dist.		-12267 Feb 01 j 15:39	16°♂01'29	1.01964 AU		
	-12272 May 20 j 02:12	0°♂					-12267 Feb 16 j 09:17	0°♂			
	-12272 Jun 18 j 22:21	0°♂					-12267 Mar 19 j 20:34	0°♂			
	-12272 Jul 18 j 08:29	0°♂					-12267 Apr 19 j 21:05	0°♂			
min. Earth dist.	-12272 Aug 01 j 17:18	14°♂43'23	0.98038 AU				-12267 May 20 j 07:14	0°♂			
	-12272 Aug 16 j 15:00	0°♂					-12267 Jun 19 j 03:25	0°♂			
	-12272 Sep 15 j 01:04	0°♂					-12267 Jul 18 j 13:35	0°♂			
	-12272 Oct 14 j 21:06	0°♂			min. Earth dist.		-12267 Aug 01 j 08:26	14°♂07'27	0.98036 AU		
	-12272 Nov 14 j 07:07	0°♂					-12267 Aug 16 j 20:07	0°♂			

Attention, astronomical year style is used: The year -12267 in astronomical counting style is the year 12268 BCE in historical counting style.

	-12267 Sep 15 j 06:11	0°☾					-12262 Jul 18 j 19:01	0°♄			
	-12267 Oct 15 j 02:12	0°♌			min. Earth dist.		-12262 Aug 02 j 03:57	14°♄43'36	0.98033 AU		
	-12267 Nov 14 j 12:10	0°♍					-12262 Aug 17 j 01:32	0°♊			
	-12267 Dec 15 j 12:34	0°♋					-12262 Sep 15 j 11:31	0°☾			
	-12266 Jan 15 j 23:48	0°♎					-12262 Oct 15 j 07:25	0°♌			
max. Earth dist.	-12266 Feb 01 j 03:09	15°♎18'13	1.01969 AU				-12262 Nov 14 j 17:16	0°♍			
	-12266 Feb 16 j 15:07	0°♊					-12262 Dec 15 j 17:33	0°♋			
	-12266 Mar 20 j 02:27	0°♑					-12261 Jan 16 j 04:43	0°♎			
	-12266 Apr 20 j 03:01	0°♒			max. Earth dist.		-12261 Feb 02 j 08:42	16°♎16'27	1.01968 AU		
	-12266 May 20 j 13:12	0°♈					-12261 Feb 16 j 20:01	0°♊			
	-12266 Jun 19 j 09:22	0°♉					-12261 Mar 20 j 07:25	0°♑			
	-12266 Jul 18 j 19:32	0°♈					-12261 Apr 20 j 08:05	0°♒			
min. Earth dist.	-12266 Aug 03 j 17:52	16°♈19'53	0.98035 AU				-12261 May 20 j 18:23	0°♈			
	-12266 Aug 17 j 02:00	0°♊					-12261 Jun 19 j 14:39	0°♉			
	-12266 Sep 15 j 12:01	0°☾					-12261 Jul 19 j 00:52	0°♈			
	-12266 Oct 15 j 07:59	0°♌			min. Earth dist.		-12261 Aug 03 j 05:19	15°♈33'49	0.98037 AU		
	-12266 Nov 14 j 17:55	0°♍					-12261 Aug 17 j 07:21	0°♊			
	-12266 Dec 15 j 18:16	0°♋					-12261 Sep 15 j 17:21	0°☾			
	-12265 Jan 16 j 05:30	0°♎					-12261 Oct 15 j 13:15	0°♌			
max. Earth dist.	-12265 Jan 31 j 09:30	14°♎23'07	1.01967 AU				-12261 Nov 14 j 23:08	0°♍			
	-12265 Feb 16 j 20:49	0°♊					-12261 Dec 15 j 23:28	0°♋			
	-12265 Mar 20 j 08:12	0°♑					-12260 Jan 16 j 10:41	0°♎			
	-12265 Apr 20 j 08:49	0°♒			max. Earth dist.		-12260 Jan 31 j 18:02	14°♎31'01	1.01970 AU		
	-12265 May 20 j 19:03	0°♈					-12260 Feb 17 j 02:01	0°♊			
	-12265 Jun 19 j 15:15	0°♉					-12260 Mar 19 j 13:26	0°♑			
	-12265 Jul 19 j 01:23	0°♈					-12260 Apr 19 j 14:05	0°♒			
min. Earth dist.	-12265 Aug 02 j 18:12	15°♈04'02	0.98028 AU				-12260 May 20 j 00:21	0°♈			
	-12265 Aug 17 j 07:50	0°♊					-12260 Jun 18 j 20:35	0°♉			
	-12265 Sep 15 j 17:49	0°☾					-12260 Jul 18 j 06:47	0°♈			
	-12265 Oct 15 j 13:46	0°♌			min. Earth dist.		-12260 Aug 02 j 20:10	15°♈56'51	0.98033 AU		
	-12265 Nov 14 j 23:41	0°♍					-12260 Aug 16 j 13:18	0°♊			
	-12265 Dec 16 j 00:02	0°♋					-12260 Sep 14 j 23:20	0°☾			
	-12264 Jan 16 j 11:15	0°♎					-12260 Oct 14 j 19:16	0°♌			
max. Earth dist.	-12264 Feb 02 j 19:28	16°♎26'24	1.01969 AU				-12260 Nov 14 j 05:10	0°♍			
	-12264 Feb 17 j 02:35	0°♊					-12260 Dec 15 j 05:28	0°♋			
	-12264 Mar 19 j 13:59	0°♑					-12259 Jan 15 j 16:37	0°♎			
	-12264 Apr 19 j 14:37	0°♒			max. Earth dist.		-12259 Feb 01 j 13:52	16°♎00'43	1.01961 AU		
	-12264 May 20 j 00:51	0°♈					-12259 Feb 16 j 07:51	0°♊			
	-12264 Jun 18 j 21:03	0°♉					-12259 Mar 19 j 19:11	0°♑			
	-12264 Jul 18 j 07:10	0°♈					-12259 Apr 19 j 19:49	0°♒			
min. Earth dist.	-12264 Aug 01 j 11:36	14°♈32'10	0.98033 AU				-12259 May 20 j 06:05	0°♈			
	-12264 Aug 16 j 13:37	0°♊					-12259 Jun 19 j 02:20	0°♉			
	-12264 Sep 14 j 23:36	0°☾					-12259 Jul 18 j 12:33	0°♈			
	-12264 Oct 14 j 19:34	0°♌			min. Earth dist.		-12259 Aug 01 j 11:10	14°♈17'04	0.98036 AU		
	-12264 Nov 14 j 05:32	0°♍					-12259 Aug 16 j 19:05	0°♊			
	-12264 Dec 15 j 05:56	0°♋					-12259 Sep 15 j 05:09	0°☾			
	-12263 Jan 15 j 17:12	0°♎					-12259 Oct 15 j 01:08	0°♌			
max. Earth dist.	-12263 Jan 31 j 07:29	14°♎47'22	1.01970 AU				-12259 Nov 14 j 11:03	0°♍			
	-12263 Feb 16 j 08:32	0°♊					-12259 Dec 15 j 11:22	0°♋			
	-12263 Mar 19 j 19:55	0°♑					-12258 Jan 15 j 22:31	0°♎			
	-12263 Apr 19 j 20:33	0°♒			max. Earth dist.		-12258 Feb 01 j 12:58	15°♎44'34	1.01965 AU		
	-12263 May 20 j 06:48	0°♈					-12258 Feb 16 j 13:46	0°♊			
	-12263 Jun 19 j 03:01	0°♉					-12258 Mar 20 j 01:07	0°♑			
	-12263 Jul 18 j 13:11	0°♈					-12258 Apr 20 j 01:45	0°♒			
min. Earth dist.	-12263 Aug 03 j 12:26	16°♈22'15	0.98032 AU				-12258 May 20 j 12:04	0°♈			
	-12263 Aug 16 j 19:39	0°♊					-12258 Jun 19 j 08:21	0°♉			
	-12263 Sep 15 j 05:39	0°☾					-12258 Jul 18 j 18:34	0°♈			
	-12263 Oct 15 j 01:34	0°♌			min. Earth dist.		-12258 Aug 03 j 17:39	16°♈21'44	0.98036 AU		
	-12263 Nov 14 j 11:28	0°♍					-12258 Aug 17 j 01:04	0°♊			
	-12263 Dec 15 j 11:47	0°♋					-12258 Sep 15 j 11:03	0°☾			
	-12262 Jan 15 j 22:58	0°♎					-12258 Oct 15 j 06:58	0°♌			
max. Earth dist.	-12262 Jan 31 j 18:19	14°♎59'27	1.01962 AU				-12258 Nov 14 j 16:52	0°♍			
	-12262 Feb 16 j 14:13	0°♊					-12258 Dec 15 j 17:11	0°♋			
	-12262 Mar 20 j 01:33	0°♑					-12257 Jan 16 j 04:21	0°♎			
	-12262 Apr 20 j 02:11	0°♒			max. Earth dist.		-12257 Jan 31 j 07:55	14°♎22'11	1.01964 AU		
	-12262 May 20 j 12:29	0°♈					-12257 Feb 16 j 19:37	0°♊			
	-12262 Jun 19 j 08:47	0°♉					-12257 Mar 20 j 06:59	0°♑			

Attention, astronomical year style is used: The year -12257 in astronomical counting style is the year 12258 BCE in historical counting style.

	-12257 Apr 20 j 07:38	0°≈		max. Earth dist.	-12252 Jan 31 j 23:07	14°ℓ45'47	1.01972 AU
	-12257 May 20 j 17:56	0°✕			-12252 Feb 17 j 00:52	0°✕	
	-12257 Jun 19 j 14:15	0°Υ			-12252 Mar 19 j 12:19	0°☾	
	-12257 Jul 19 j 00:28	0°♂			-12252 Apr 19 j 13:02	0°≈	
min. Earth dist.	-12257 Aug 03 j 04:29	15°♂32'43	0.98031 AU		-12252 May 19 j 23:21	0°✕	
	-12257 Aug 17 j 06:58	0°ℓ			-12252 Jun 18 j 19:36	0°Υ	
	-12257 Sep 15 j 16:56	0°☾			-12252 Jul 18 j 05:45	0°♂	
	-12257 Oct 15 j 12:50	0°♂		min. Earth dist.	-12252 Aug 03 j 02:31	16°♂15'54	0.98028 AU
	-12257 Nov 14 j 22:42	0°♐			-12252 Aug 16 j 12:11	0°ℓ	
	-12257 Dec 15 j 23:01	0°♁			-12252 Sep 14 j 22:07	0°☾	
	-12256 Jan 16 j 10:12	0°ℓ			-12252 Oct 14 j 17:59	0°♂	
max. Earth dist.	-12256 Feb 02 j 17:00	16°ℓ23'08	1.01965 AU		-12252 Nov 14 j 03:51	0°♐	
	-12256 Feb 17 j 01:29	0°✕			-12252 Dec 15 j 04:09	0°♁	
	-12256 Mar 19 j 12:51	0°☾			-12251 Jan 15 j 15:20	0°ℓ	
	-12256 Apr 19 j 13:28	0°≈		max. Earth dist.	-12251 Feb 01 j 00:32	15°ℓ32'11	1.01964 AU
	-12256 May 19 j 23:44	0°✕			-12251 Feb 16 j 06:36	0°✕	
	-12256 Jun 18 j 19:59	0°Υ			-12251 Mar 19 j 17:59	0°☾	
	-12256 Jul 18 j 06:12	0°♂			-12251 Apr 19 j 18:39	0°≈	
min. Earth dist.	-12256 Aug 01 j 08:34	14°♂26'44	0.98037 AU		-12251 May 20 j 04:59	0°✕	
	-12256 Aug 16 j 12:42	0°ℓ			-12251 Jun 19 j 01:17	0°Υ	
	-12256 Sep 14 j 22:43	0°☾			-12251 Jul 18 j 11:30	0°♂	
	-12256 Oct 14 j 18:39	0°♂		min. Earth dist.	-12251 Aug 01 j 18:04	14°♂37'33	0.98031 AU
	-12256 Nov 14 j 04:34	0°♐			-12251 Aug 16 j 17:58	0°ℓ	
	-12256 Dec 15 j 04:55	0°♁			-12251 Sep 15 j 03:55	0°☾	
	-12255 Jan 15 j 16:09	0°ℓ			-12251 Oct 14 j 23:47	0°♂	
max. Earth dist.	-12255 Jan 31 j 14:41	15°ℓ06'50	1.01969 AU		-12251 Nov 14 j 09:37	0°♐	
	-12255 Feb 16 j 07:29	0°✕			-12251 Dec 15 j 09:53	0°♁	
	-12255 Mar 19 j 18:51	0°☾			-12250 Jan 15 j 21:03	0°ℓ	
	-12255 Apr 19 j 19:28	0°≈		max. Earth dist.	-12250 Feb 01 j 19:51	16°ℓ04'13	1.01969 AU
	-12255 May 20 j 05:43	0°✕			-12250 Feb 16 j 12:22	0°✕	
	-12255 Jun 19 j 01:57	0°Υ			-12250 Mar 19 j 23:46	0°☾	
	-12255 Jul 18 j 12:10	0°♂			-12250 Apr 20 j 00:29	0°≈	
min. Earth dist.	-12255 Aug 03 j 12:53	16°♂25'57	0.98037 AU		-12250 May 20 j 10:51	0°✕	
	-12255 Aug 16 j 18:41	0°ℓ			-12250 Jun 19 j 07:13	0°Υ	
	-12255 Sep 15 j 04:43	0°☾			-12250 Jul 18 j 17:28	0°♂	
	-12255 Oct 15 j 00:38	0°♂		min. Earth dist.	-12250 Aug 03 j 16:04	16°♂20'28	0.98035 AU
	-12255 Nov 14 j 10:30	0°♐			-12250 Aug 16 j 23:55	0°ℓ	
	-12255 Dec 15 j 10:46	0°♁			-12250 Sep 15 j 09:50	0°☾	
	-12254 Jan 15 j 21:55	0°ℓ			-12250 Oct 15 j 05:37	0°♂	
max. Earth dist.	-12254 Jan 31 j 10:24	14°ℓ43'12	1.01963 AU		-12250 Nov 14 j 15:22	0°♐	
	-12254 Feb 16 j 13:12	0°✕			-12250 Dec 15 j 15:36	0°♁	
	-12254 Mar 20 j 00:33	0°☾			-12249 Jan 16 j 02:46	0°ℓ	
	-12254 Apr 20 j 01:11	0°≈		max. Earth dist.	-12249 Jan 31 j 12:05	14°ℓ35'45	1.01969 AU
	-12254 May 20 j 11:28	0°✕			-12249 Feb 16 j 18:06	0°✕	
	-12254 Jun 19 j 07:44	0°Υ			-12249 Mar 20 j 05:34	0°☾	
	-12254 Jul 18 j 17:58	0°♂			-12249 Apr 20 j 06:18	0°≈	
min. Earth dist.	-12254 Aug 02 j 07:24	14°♂55'12	0.98032 AU		-12249 May 20 j 16:41	0°✕	
	-12254 Aug 17 j 00:28	0°ℓ			-12249 Jun 19 j 13:02	0°Υ	
	-12254 Sep 15 j 10:29	0°☾			-12249 Jul 18 j 23:17	0°♂	
	-12254 Oct 15 j 06:23	0°♂		min. Earth dist.	-12249 Aug 03 j 13:25	15°♂58'43	0.98030 AU
	-12254 Nov 14 j 16:14	0°♐			-12249 Aug 17 j 05:47	0°ℓ	
	-12254 Dec 15 j 16:29	0°♁			-12249 Sep 15 j 15:42	0°☾	
	-12253 Jan 16 j 03:38	0°ℓ			-12249 Oct 15 j 11:30	0°♂	
max. Earth dist.	-12253 Feb 02 j 14:04	16°ℓ31'45	1.01967 AU		-12249 Nov 14 j 21:14	0°♐	
	-12253 Feb 16 j 18:56	0°✕			-12249 Dec 15 j 21:25	0°♁	
	-12253 Mar 20 j 06:21	0°☾			-12248 Jan 16 j 08:33	0°ℓ	
	-12253 Apr 20 j 07:04	0°≈		max. Earth dist.	-12248 Feb 02 j 19:01	16°ℓ31'53	1.01966 AU
	-12253 May 20 j 17:22	0°✕			-12248 Feb 16 j 23:51	0°✕	
	-12253 Jun 19 j 13:37	0°Υ			-12248 Mar 19 j 11:18	0°☾	
	-12253 Jul 18 j 23:47	0°♂			-12248 Apr 19 j 12:02	0°≈	
min. Earth dist.	-12253 Aug 02 j 15:37	15°♂01'28	0.98034 AU		-12248 May 19 j 22:23	0°✕	
	-12253 Aug 17 j 06:13	0°ℓ			-12248 Jun 18 j 18:42	0°Υ	
	-12253 Sep 15 j 16:10	0°☾			-12248 Jul 18 j 04:56	0°♂	
	-12253 Oct 15 j 12:04	0°♂		min. Earth dist.	-12248 Aug 01 j 07:56	14°♂28'17	0.98036 AU
	-12253 Nov 14 j 21:57	0°♐			-12248 Aug 16 j 11:27	0°ℓ	
	-12253 Dec 15 j 22:17	0°♁			-12248 Sep 14 j 21:26	0°☾	
	-12252 Jan 16 j 09:31	0°ℓ			-12248 Oct 14 j 17:18	0°♂	

Attention, astronomical year style is used: The year -12248 in astronomical counting style is the year 12249 BCE in historical counting style.

	-12248 Nov 14 j 03:06	0°♎			-12243 Aug 16 j 16:43	0°♊		
	-12248 Dec 15 j 03:20	0°♏			-12243 Sep 15 j 02:44	0°♎		
	-12247 Jan 15 j 14:28	0°♌			-12243 Oct 14 j 22:36	0°♏		
max. Earth dist.	-12247 Feb 01 j 02:54	15°♌39'47	1.01968 AU		-12243 Nov 14 j 08:23	0°♎		
	-12247 Feb 16 j 05:46	0°♏			-12243 Dec 15 j 08:35	0°♏		
	-12247 Mar 19 j 17:12	0°♑			-12242 Jan 15 j 19:42	0°♌		
	-12247 Apr 19 j 17:57	0°♒		max. Earth dist.	-12242 Feb 02 j 02:57	16°♌24'15	1.01967 AU	
	-12247 May 20 j 04:20	0°♐			-12242 Feb 16 j 11:00	0°♏		
	-12247 Jun 19 j 00:40	0°♑			-12242 Mar 19 j 22:26	0°♑		
	-12247 Jul 18 j 10:54	0°♑			-12242 Apr 19 j 23:10	0°♒		
min. Earth dist.	-12247 Aug 03 j 13:55	16°♑31'50	0.98037 AU		-12242 May 20 j 09:33	0°♐		
	-12247 Aug 16 j 17:24	0°♊			-12242 Jun 19 j 05:54	0°♑		
	-12247 Sep 15 j 03:24	0°♎			-12242 Jul 18 j 16:09	0°♑		
	-12247 Oct 14 j 23:15	0°♏		min. Earth dist.	-12242 Aug 03 j 01:36	15°♑46'39	0.98036 AU	
	-12247 Nov 14 j 09:02	0°♎			-12242 Aug 16 j 22:38	0°♊		
	-12247 Dec 15 j 09:13	0°♏			-12242 Sep 15 j 08:33	0°♎		
	-12246 Jan 15 j 20:17	0°♌			-12242 Oct 15 j 04:22	0°♏		
max. Earth dist.	-12246 Jan 31 j 08:56	14°♌43'44	1.01960 AU		-12242 Nov 14 j 14:08	0°♎		
	-12246 Feb 16 j 11:30	0°♏			-12242 Dec 15 j 14:21	0°♏		
	-12246 Mar 19 j 22:53	0°♑			-12241 Jan 16 j 01:30	0°♌		
	-12246 Apr 19 j 23:37	0°♒		max. Earth dist.	-12241 Jan 31 j 16:26	14°♌49'03	1.01970 AU	
	-12246 May 20 j 10:02	0°♐			-12241 Feb 16 j 16:50	0°♏		
	-12246 Jun 19 j 06:26	0°♑			-12241 Mar 20 j 04:20	0°♑		
	-12246 Jul 18 j 16:43	0°♑			-12241 Apr 20 j 05:08	0°♒		
min. Earth dist.	-12246 Aug 02 j 17:36	15°♑24'33	0.98033 AU		-12241 May 20 j 15:33	0°♐		
	-12246 Aug 16 j 23:15	0°♊			-12241 Jun 19 j 11:54	0°♑		
	-12246 Sep 15 j 09:12	0°♎			-12241 Jul 18 j 22:08	0°♑		
	-12246 Oct 15 j 05:02	0°♏		min. Earth dist.	-12241 Aug 03 j 18:03	16°♑13'39	0.98028 AU	
	-12246 Nov 14 j 14:49	0°♎			-12241 Aug 17 j 04:34	0°♊		
	-12246 Dec 15 j 14:59	0°♏			-12241 Sep 15 j 14:29	0°♎		
	-12245 Jan 16 j 02:03	0°♌			-12241 Oct 15 j 10:16	0°♏		
max. Earth dist.	-12245 Feb 02 j 17:25	16°♌43'29	1.01963 AU		-12241 Nov 14 j 20:01	0°♎		
	-12245 Feb 16 j 17:18	0°♏			-12241 Dec 15 j 20:14	0°♏		
	-12245 Mar 20 j 04:42	0°♑			-12240 Jan 16 j 07:22	0°♌		
	-12245 Apr 20 j 05:27	0°♒		max. Earth dist.	-12240 Feb 02 j 11:19	16°♌16'30	1.01966 AU	
	-12245 May 20 j 15:52	0°♐			-12240 Feb 16 j 22:40	0°♏		
	-12245 Jun 19 j 12:14	0°♑			-12240 Mar 19 j 10:09	0°♑		
	-12245 Jul 18 j 22:30	0°♑			-12240 Apr 19 j 10:56	0°♒		
min. Earth dist.	-12245 Aug 02 j 12:54	14°♑57'37	0.98037 AU		-12240 May 19 j 21:21	0°♐		
	-12245 Aug 17 j 04:59	0°♊			-12240 Jun 18 j 17:42	0°♑		
	-12245 Sep 15 j 14:55	0°♎			-12240 Jul 18 j 03:55	0°♑		
	-12245 Oct 15 j 10:45	0°♏		min. Earth dist.	-12240 Aug 01 j 10:06	14°♑36'35	0.98030 AU	
	-12245 Nov 14 j 20:33	0°♎			-12240 Aug 16 j 10:22	0°♊		
	-12245 Dec 15 j 20:49	0°♏			-12240 Sep 14 j 20:16	0°♎		
	-12244 Jan 16 j 08:00	0°♌			-12240 Oct 14 j 16:04	0°♏		
max. Earth dist.	-12244 Feb 01 j 05:16	15°♌03'57	1.01969 AU		-12240 Nov 14 j 01:51	0°♎		
	-12244 Feb 16 j 23:19	0°♏			-12240 Dec 15 j 02:06	0°♏		
	-12244 Mar 19 j 10:45	0°♑			-12239 Jan 15 j 13:15	0°♌		
	-12244 Apr 19 j 11:28	0°♒		max. Earth dist.	-12239 Feb 01 j 09:33	15°♌58'17	1.01971 AU	
	-12244 May 19 j 21:50	0°♐			-12239 Feb 16 j 04:36	0°♏		
	-12244 Jun 18 j 18:11	0°♑			-12239 Mar 19 j 16:04	0°♑		
	-12244 Jul 18 j 04:27	0°♑			-12239 Apr 19 j 16:52	0°♒		
min. Earth dist.	-12244 Aug 03 j 08:36	16°♑34'46	0.98034 AU		-12239 May 20 j 03:19	0°♐		
	-12244 Aug 16 j 10:57	0°♊			-12239 Jun 18 j 23:42	0°♑		
	-12244 Sep 14 j 20:54	0°♎			-12239 Jul 18 j 09:58	0°♑		
	-12244 Oct 14 j 16:45	0°♏		min. Earth dist.	-12239 Aug 03 j 14:22	16°♑35'24	0.98035 AU	
	-12244 Nov 14 j 02:33	0°♎			-12239 Aug 16 j 16:26	0°♊		
	-12244 Dec 15 j 02:47	0°♏			-12239 Sep 15 j 02:19	0°♎		
	-12243 Jan 15 j 13:55	0°♌			-12239 Oct 14 j 22:05	0°♏		
max. Earth dist.	-12243 Jan 31 j 12:22	15°♌06'48	1.01962 AU		-12239 Nov 14 j 07:48	0°♎		
	-12243 Feb 16 j 05:10	0°♏			-12239 Dec 15 j 07:58	0°♏		
	-12243 Mar 19 j 16:33	0°♑			-12238 Jan 15 j 19:04	0°♌		
	-12243 Apr 19 j 17:13	0°♒		max. Earth dist.	-12238 Jan 31 j 06:19	14°♌40'22	1.01965 AU	
	-12243 May 20 j 03:34	0°♐			-12238 Feb 16 j 10:21	0°♏		
	-12243 Jun 18 j 23:54	0°♑			-12238 Mar 19 j 21:48	0°♑		
	-12243 Jul 18 j 10:11	0°♑			-12238 Apr 19 j 22:35	0°♒		
min. Earth dist.	-12243 Aug 01 j 21:56	14°♑50'48	0.98035 AU		-12238 May 20 j 09:04	0°♐		

Attention, astronomical year style is used: The year -12238 in astronomical counting style is the year 12239 BCE in historical counting style.

	-12238 Jun 19 j 05:31	0° Υ					-12233 Mar 20 j 02:59	0° Ξ			
	-12238 Jul 18 j 15:51	0° Ξ					-12233 Apr 20 j 03:49	0° \approx			
min. Earth dist.	-12238 Aug 03 j 03:47	15° Ξ 52'58	0.98032 AU				-12233 May 20 j 14:20	0° H			
	-12238 Aug 16 j 22:22	0° II					-12233 Jun 19 j 10:47	0° Υ			
	-12238 Sep 15 j 08:16	0° Ξ					-12233 Jul 18 j 21:06	0° Ξ			
	-12238 Oct 15 j 04:00	0° Ω				min. Earth dist.	-12233 Aug 04 j 03:15	16° Ξ 39'52	0.98031 AU		
	-12238 Nov 14 j 13:39	0° H					-12233 Aug 17 j 03:35	0° II			
	-12238 Dec 15 j 13:45	0° Ξ					-12233 Sep 15 j 13:27	0° Ξ			
	-12237 Jan 16 j 00:49	0° H					-12233 Oct 15 j 09:10	0° Ω			
max. Earth dist.	-12237 Feb 02 j 19:23	16° H 51'03	1.01966 AU				-12233 Nov 14 j 18:50	0° H			
	-12237 Feb 16 j 16:07	0° Ξ					-12233 Dec 15 j 18:57	0° Ξ			
	-12237 Mar 20 j 03:36	0° Ξ					-12232 Jan 16 j 06:03	0° H			
	-12237 Apr 20 j 04:26	0° \approx				max. Earth dist.	-12232 Feb 01 j 23:51	15° H 52'34	1.01964 AU		
	-12237 May 20 j 14:54	0° H					-12232 Feb 16 j 21:20	0° Ξ			
	-12237 Jun 19 j 11:18	0° Υ					-12232 Mar 19 j 08:47	0° Ξ			
	-12237 Jul 18 j 21:36	0° Ξ					-12232 Apr 19 j 09:34	0° \approx			
min. Earth dist.	-12237 Aug 02 j 09:30	14° Ξ 51'11	0.98036 AU				-12232 May 19 j 20:01	0° H			
	-12237 Aug 17 j 04:05	0° II					-12232 Jun 18 j 16:26	0° Υ			
	-12237 Sep 15 j 13:59	0° Ξ					-12232 Jul 18 j 02:44	0° Ξ			
	-12237 Oct 15 j 09:44	0° Ω				min. Earth dist.	-12232 Aug 01 j 15:03	14° Ξ 52'13	0.98034 AU		
	-12237 Nov 14 j 19:26	0° H					-12232 Aug 16 j 09:15	0° II			
	-12237 Dec 15 j 19:35	0° Ξ					-12232 Sep 14 j 19:10	0° Ξ			
	-12236 Jan 16 j 06:43	0° H					-12232 Oct 14 j 14:55	0° Ω			
max. Earth dist.	-12236 Feb 01 j 16:10	15° H 32'44	1.01971 AU				-12232 Nov 14 j 00:37	0° H			
	-12236 Feb 16 j 22:04	0° Ξ					-12232 Dec 15 j 00:45	0° Ξ			
	-12236 Mar 19 j 09:35	0° Ξ					-12231 Jan 15 j 11:51	0° H			
	-12236 Apr 19 j 10:25	0° \approx				max. Earth dist.	-12231 Feb 01 j 17:11	16° H 19'41	1.01969 AU		
	-12236 May 19 j 20:52	0° H					-12231 Feb 16 j 03:10	0° Ξ			
	-12236 Jun 18 j 17:16	0° Υ					-12231 Mar 19 j 14:40	0° Ξ			
	-12236 Jul 18 j 03:32	0° Ξ					-12231 Apr 19 j 15:28	0° \approx			
min. Earth dist.	-12236 Aug 03 j 11:31	16° Ξ 44'34	0.98035 AU				-12231 May 20 j 01:55	0° H			
	-12236 Aug 16 j 10:01	0° II					-12231 Jun 18 j 22:21	0° Υ			
	-12236 Sep 14 j 19:57	0° Ξ					-12231 Jul 18 j 08:38	0° Ξ			
	-12236 Oct 14 j 15:45	0° Ω				min. Earth dist.	-12231 Aug 03 j 06:46	16° Ξ 19'09	0.98039 AU		
	-12236 Nov 14 j 01:28	0° H					-12231 Aug 16 j 15:09	0° II			
	-12236 Dec 15 j 01:36	0° Ξ					-12231 Sep 15 j 01:05	0° Ξ			
	-12235 Jan 15 j 12:40	0° H					-12231 Oct 14 j 20:50	0° Ω			
max. Earth dist.	-12235 Jan 31 j 09:07	15° H 02'11	1.01962 AU				-12231 Nov 14 j 06:29	0° H			
	-12235 Feb 16 j 03:55	0° Ξ					-12231 Dec 15 j 06:35	0° Ξ			
	-12235 Mar 19 j 15:20	0° Ξ					-12230 Jan 15 j 17:38	0° H			
	-12235 Apr 19 j 16:07	0° \approx				max. Earth dist.	-12230 Jan 31 j 09:03	14° H 50'16	1.01965 AU		
	-12235 May 20 j 02:35	0° H					-12230 Feb 16 j 08:54	0° Ξ			
	-12235 Jun 18 j 23:00	0° Υ					-12230 Mar 19 j 20:24	0° Ξ			
	-12235 Jul 18 j 09:18	0° Ξ					-12230 Apr 19 j 21:14	0° \approx			
min. Earth dist.	-12235 Aug 02 j 05:44	15° Ξ 13'07	0.98033 AU				-12230 May 20 j 07:43	0° H			
	-12235 Aug 16 j 15:49	0° II					-12230 Jun 19 j 04:11	0° Υ			
	-12235 Sep 15 j 01:46	0° Ξ					-12230 Jul 18 j 14:30	0° Ξ			
	-12235 Oct 14 j 21:34	0° Ω				min. Earth dist.	-12230 Aug 03 j 09:19	16° Ξ 10'40	0.98032 AU		
	-12235 Nov 14 j 07:17	0° H					-12230 Aug 16 j 21:00	0° II			
	-12235 Dec 15 j 07:24	0° Ξ					-12230 Sep 15 j 06:55	0° Ξ			
	-12234 Jan 15 j 18:26	0° H					-12230 Oct 15 j 02:39	0° Ω			
max. Earth dist.	-12234 Feb 02 j 10:23	16° H 44'54	1.01964 AU				-12230 Nov 14 j 12:17	0° H			
	-12234 Feb 16 j 09:40	0° Ξ					-12230 Dec 15 j 12:20	0° Ξ			
	-12234 Mar 19 j 21:07	0° Ξ					-12229 Jan 15 j 23:21	0° H			
	-12234 Apr 19 j 21:56	0° \approx				max. Earth dist.	-12229 Feb 02 j 17:54	16° H 51'05	1.01964 AU		
	-12234 May 20 j 08:25	0° H					-12229 Feb 16 j 14:37	0° Ξ			
	-12234 Jun 19 j 04:53	0° Υ					-12229 Mar 20 j 02:08	0° Ξ			
	-12234 Jul 18 j 15:11	0° Ξ					-12229 Apr 20 j 03:01	0° \approx			
min. Earth dist.	-12234 Aug 02 j 19:20	15° Ξ 32'58	0.98036 AU				-12229 May 20 j 13:32	0° H			
	-12234 Aug 16 j 21:39	0° II					-12229 Jun 19 j 09:58	0° Υ			
	-12234 Sep 15 j 07:32	0° Ξ					-12229 Jul 18 j 20:14	0° Ξ			
	-12234 Oct 15 j 03:16	0° Ω				min. Earth dist.	-12229 Aug 02 j 06:02	14° Ξ 45'51	0.98032 AU		
	-12234 Nov 14 j 12:57	0° H					-12229 Aug 17 j 02:40	0° II			
	-12234 Dec 15 j 13:05	0° Ξ					-12229 Sep 15 j 12:32	0° Ξ			
	-12233 Jan 16 j 00:11	0° H					-12229 Oct 15 j 08:16	0° Ω			
max. Earth dist.	-12233 Jan 31 j 22:10	15° H 05'43	1.01968 AU				-12229 Nov 14 j 17:57	0° H			
	-12233 Feb 16 j 15:29	0° Ξ					-12229 Dec 15 j 18:05	0° Ξ			

Attention, astronomical year style is used: The year -12228 in astronomical counting style is the year 12229 BCE in historical counting style.

	-12228 Jan 16 j 05:11	0° \mathbb{M}					-12224 Oct 14 j 13:43	0° Ω			
max. Earth dist.	-12228 Feb 02 j 00:15	15° \mathbb{M} 55'28	1.01971 AU				-12224 Nov 13 j 23:21	0° \mathbb{M}			
	-12228 Feb 16 j 20:32	0° \mathbb{A}					-12224 Dec 14 j 23:25	0° \mathbb{A}			
	-12228 Mar 19 j 08:05	0° \mathbb{B}					-12223 Jan 15 j 10:26	0° \mathbb{M}			
	-12228 Apr 19 j 08:59	0° \approx			max. Earth dist.	-12223 Feb 02 j 02:07	16° \mathbb{M} 44'15	1.01967 AU			
	-12228 May 19 j 19:31	0° \mathbb{H}				-12223 Feb 16 j 01:43	0° \mathbb{A}				
	-12228 Jun 18 j 15:58	0° \mathbb{Y}				-12223 Mar 19 j 13:15	0° \mathbb{B}				
	-12228 Jul 18 j 02:14	0° \mathbb{B}				-12223 Apr 19 j 14:09	0° \approx				
min. Earth dist.	-12228 Aug 03 j 13:03	16° \mathbb{B} 51'53	0.98032 AU			-12223 May 20 j 00:43	0° \mathbb{H}				
	-12228 Aug 16 j 08:40	0° \mathbb{II}				-12223 Jun 18 j 21:13	0° \mathbb{Y}				
	-12228 Sep 14 j 18:31	0° \mathbb{B}				-12223 Jul 18 j 07:33	0° \mathbb{B}				
	-12228 Oct 14 j 14:14	0° Ω			min. Earth dist.	-12223 Aug 02 j 23:20	16° \mathbb{B} 02'48	0.98038 AU			
	-12228 Nov 13 j 23:55	0° \mathbb{M}				-12223 Aug 16 j 14:04	0° \mathbb{II}				
	-12228 Dec 15 j 00:02	0° \mathbb{A}				-12223 Sep 14 j 23:57	0° \mathbb{B}				
	-12227 Jan 15 j 11:06	0° \mathbb{M}				-12223 Oct 14 j 19:40	0° Ω				
max. Earth dist.	-12227 Jan 31 j 02:38	14° \mathbb{M} 50'32	1.01964 AU			-12223 Nov 14 j 05:16	0° \mathbb{M}				
	-12227 Feb 16 j 02:22	0° \mathbb{A}				-12223 Dec 15 j 05:19	0° \mathbb{A}				
	-12227 Mar 19 j 13:50	0° \mathbb{B}				-12222 Jan 15 j 16:19	0° \mathbb{M}				
	-12227 Apr 19 j 14:40	0° \approx			max. Earth dist.	-12222 Jan 31 j 13:43	15° \mathbb{M} 04'30	1.01964 AU			
	-12227 May 20 j 01:12	0° \mathbb{H}				-12222 Feb 16 j 07:33	0° \mathbb{A}				
	-12227 Jun 18 j 21:42	0° \mathbb{Y}				-12222 Mar 19 j 19:04	0° \mathbb{B}				
	-12227 Jul 18 j 08:02	0° \mathbb{B}				-12222 Apr 19 j 19:58	0° \approx				
min. Earth dist.	-12227 Aug 02 j 15:32	15° \mathbb{B} 41'31	0.98031 AU			-12222 May 20 j 06:34	0° \mathbb{H}				
	-12227 Aug 16 j 14:32	0° \mathbb{II}				-12222 Jun 19 j 03:08	0° \mathbb{Y}				
	-12227 Sep 15 j 00:25	0° \mathbb{B}				-12222 Jul 18 j 13:30	0° \mathbb{B}				
	-12227 Oct 14 j 20:07	0° Ω			min. Earth dist.	-12222 Aug 03 j 18:40	16° \mathbb{B} 37'11	0.98032 AU			
	-12227 Nov 14 j 05:45	0° \mathbb{M}				-12222 Aug 16 j 20:01	0° \mathbb{II}				
	-12227 Dec 15 j 05:49	0° \mathbb{A}				-12222 Sep 15 j 05:53	0° \mathbb{B}				
	-12226 Jan 15 j 16:51	0° \mathbb{M}				-12222 Oct 15 j 01:34	0° Ω				
max. Earth dist.	-12226 Feb 02 j 13:22	16° \mathbb{M} 55'43	1.01965 AU			-12222 Nov 14 j 11:09	0° \mathbb{M}				
	-12226 Feb 16 j 08:07	0° \mathbb{A}				-12222 Dec 15 j 11:10	0° \mathbb{A}				
	-12226 Mar 19 j 19:37	0° \mathbb{B}				-12221 Jan 15 j 22:09	0° \mathbb{M}				
	-12226 Apr 19 j 20:29	0° \approx			max. Earth dist.	-12221 Feb 02 j 10:37	16° \mathbb{M} 36'46	1.01962 AU			
	-12226 May 20 j 07:02	0° \mathbb{H}				-12221 Feb 16 j 13:24	0° \mathbb{A}				
	-12226 Jun 19 j 03:34	0° \mathbb{Y}				-12221 Mar 20 j 00:54	0° \mathbb{B}				
	-12226 Jul 18 j 13:55	0° \mathbb{B}				-12221 Apr 20 j 01:48	0° \approx				
min. Earth dist.	-12226 Aug 02 j 13:44	15° \mathbb{B} 21'44	0.98036 AU			-12221 May 20 j 12:23	0° \mathbb{H}				
	-12226 Aug 16 j 20:25	0° \mathbb{II}				-12221 Jun 19 j 08:54	0° \mathbb{Y}				
	-12226 Sep 15 j 06:15	0° \mathbb{B}				-12221 Jul 18 j 19:15	0° \mathbb{B}				
	-12226 Oct 15 j 01:53	0° Ω			min. Earth dist.	-12221 Aug 02 j 09:31	14° \mathbb{B} 57'12	0.98034 AU			
	-12226 Nov 14 j 11:28	0° \mathbb{M}				-12221 Aug 17 j 01:44	0° \mathbb{II}				
	-12226 Dec 15 j 11:31	0° \mathbb{A}				-12221 Sep 15 j 11:35	0° \mathbb{B}				
	-12225 Jan 15 j 22:36	0° \mathbb{M}				-12221 Oct 15 j 07:15	0° Ω				
max. Earth dist.	-12225 Feb 01 j 06:34	15° \mathbb{M} 29'17	1.01971 AU			-12221 Nov 14 j 16:52	0° \mathbb{M}				
	-12225 Feb 16 j 13:57	0° \mathbb{A}				-12221 Dec 15 j 16:57	0° \mathbb{A}				
	-12225 Mar 20 j 01:31	0° \mathbb{B}				-12220 Jan 16 j 04:02	0° \mathbb{M}				
	-12225 Apr 20 j 02:26	0° \approx			max. Earth dist.	-12220 Feb 02 j 07:34	16° \mathbb{M} 15'29	1.01970 AU			
	-12225 May 20 j 13:01	0° \mathbb{H}				-12220 Feb 16 j 19:23	0° \mathbb{A}				
	-12225 Jun 19 j 09:31	0° \mathbb{Y}				-12220 Mar 19 j 06:55	0° \mathbb{B}				
	-12225 Jul 18 j 19:52	0° \mathbb{B}				-12220 Apr 19 j 07:49	0° \approx				
min. Earth dist.	-12225 Aug 04 j 08:37	16° \mathbb{B} 56'45	0.98033 AU			-12220 May 19 j 18:23	0° \mathbb{H}				
	-12225 Aug 17 j 02:22	0° \mathbb{II}				-12220 Jun 18 j 14:53	0° \mathbb{Y}				
	-12225 Sep 15 j 12:14	0° \mathbb{B}				-12220 Jul 18 j 01:13	0° \mathbb{B}				
	-12225 Oct 15 j 07:53	0° Ω			min. Earth dist.	-12220 Aug 03 j 10:41	16° \mathbb{B} 48'18	0.98036 AU			
	-12225 Nov 14 j 17:28	0° \mathbb{M}				-12220 Aug 16 j 07:43	0° \mathbb{II}				
	-12225 Dec 15 j 17:30	0° \mathbb{A}				-12220 Sep 14 j 17:34	0° \mathbb{B}				
	-12224 Jan 16 j 04:32	0° \mathbb{M}				-12220 Oct 14 j 13:15	0° Ω				
max. Earth dist.	-12224 Feb 01 j 16:14	15° \mathbb{M} 38'10	1.01965 AU			-12220 Nov 13 j 22:52	0° \mathbb{M}				
	-12224 Feb 16 j 19:50	0° \mathbb{A}				-12220 Dec 14 j 22:57	0° \mathbb{A}				
	-12224 Mar 19 j 07:22	0° \mathbb{B}				-12219 Jan 15 j 09:59	0° \mathbb{M}				
	-12224 Apr 19 j 08:15	0° \approx			max. Earth dist.	-12219 Jan 31 j 01:01	14° \mathbb{M} 49'20	1.01965 AU			
	-12224 May 19 j 18:47	0° \mathbb{H}				-12219 Feb 16 j 01:17	0° \mathbb{A}				
	-12224 Jun 18 j 15:15	0° \mathbb{Y}				-12219 Mar 19 j 12:46	0° \mathbb{B}				
	-12224 Jul 18 j 01:35	0° \mathbb{B}				-12219 Apr 19 j 13:37	0° \approx				
min. Earth dist.	-12224 Aug 01 j 20:09	15° \mathbb{B} 08'15	0.98033 AU			-12219 May 20 j 00:09	0° \mathbb{H}				
	-12224 Aug 16 j 08:05	0° \mathbb{II}				-12219 Jun 18 j 20:39	0° \mathbb{Y}				
	-12224 Sep 14 j 18:00	0° \mathbb{B}				-12219 Jul 18 j 07:00	0° \mathbb{B}				

Attention, astronomical year style is used: The year -12219 in astronomical counting style is the year 12220 BCE in historical counting style.

min. Earth dist.	-12219 Aug 02 j 21:27	15° $\text{859}'22$	0.98033 AU			-12214 May 20 j 05:24	0° H		
	-12219 Aug 16 j 13:32	0° II				-12214 Jun 19 j 02:02	0° Y		
	-12219 Sep 14 j 23:26	0° E				-12214 Jul 18 j 12:27	0° B		
	-12219 Oct 14 j 19:08	0° O		min. Earth dist.	-12214 Aug 04 j 03:14	17° $\text{801}'53$	0.98033 AU		
	-12219 Nov 14 j 04:43	0° M			-12214 Aug 16 j 18:58	0° II			
	-12219 Dec 15 j 04:45	0° A			-12214 Sep 15 j 04:47	0° E			
	-12218 Jan 15 j 15:45	0° M			-12214 Oct 15 j 00:20	0° O			
max. Earth dist.	-12218 Feb 02 j 15:08	17° $\text{M02}'31$	1.01965 AU		-12214 Nov 14 j 09:47	0° M			
	-12218 Feb 16 j 07:01	0° A			-12214 Dec 15 j 09:42	0° A			
	-12218 Mar 19 j 18:33	0° B			-12213 Jan 15 j 20:39	0° M			
	-12218 Apr 19 j 19:28	0° \approx		max. Earth dist.	-12213 Feb 02 j 05:49	16° $\text{M29}'00$	1.01964 AU		
	-12218 May 20 j 06:02	0° H			-12213 Feb 16 j 11:55	0° A			
	-12218 Jun 19 j 02:33	0° Y			-12213 Mar 19 j 23:30	0° B			
	-12218 Jul 18 j 12:52	0° B			-12213 Apr 20 j 00:29	0° \approx			
min. Earth dist.	-12218 Aug 02 j 05:22	15° $\text{802}'57$	0.98034 AU		-12213 May 20 j 11:08	0° H			
	-12218 Aug 16 j 19:20	0° II			-12213 Jun 19 j 07:43	0° Y			
	-12218 Sep 15 j 05:10	0° E			-12213 Jul 18 j 18:06	0° B			
	-12218 Oct 15 j 00:48	0° O		min. Earth dist.	-12213 Aug 02 j 13:46	15° $\text{811}'00$	0.98034 AU		
	-12218 Nov 14 j 10:22	0° M			-12213 Aug 17 j 00:36	0° II			
	-12218 Dec 15 j 10:24	0° A			-12213 Sep 15 j 10:26	0° E			
	-12217 Jan 15 j 21:27	0° M			-12213 Oct 15 j 06:02	0° O			
max. Earth dist.	-12217 Feb 01 j 14:52	15° $\text{M51}'38$	1.01972 AU		-12213 Nov 14 j 15:31	0° M			
	-12217 Feb 16 j 12:48	0° A			-12213 Dec 15 j 15:28	0° A			
	-12217 Mar 20 j 00:25	0° B			-12212 Jan 16 j 02:28	0° M			
	-12217 Apr 20 j 01:25	0° \approx		max. Earth dist.	-12212 Feb 02 j 18:52	16° $\text{M45}'58$	1.01970 AU		
	-12217 May 20 j 12:03	0° H			-12212 Feb 16 j 17:47	0° A			
	-12217 Jun 19 j 08:34	0° Y			-12212 Mar 19 j 05:24	0° B			
	-12217 Jul 18 j 18:52	0° B			-12212 Apr 19 j 06:24	0° \approx			
min. Earth dist.	-12217 Aug 04 j 10:56	17° $\text{805}'21$	0.98029 AU		-12212 May 19 j 17:04	0° H			
	-12217 Aug 17 j 01:18	0° II			-12212 Jun 18 j 13:38	0° Y			
	-12217 Sep 15 j 11:05	0° E			-12212 Jul 17 j 24:00	0° B			
	-12217 Oct 15 j 06:42	0° O		min. Earth dist.	-12212 Aug 03 j 05:47	16° $\text{838}'48$	0.98038 AU		
	-12217 Nov 14 j 16:16	0° M			-12212 Aug 16 j 06:30	0° II			
	-12217 Dec 15 j 16:18	0° A			-12212 Sep 14 j 16:20	0° E			
	-12216 Jan 16 j 03:20	0° M			-12212 Oct 14 j 11:58	0° O			
max. Earth dist.	-12216 Feb 01 j 06:06	15° $\text{M17}'02$	1.01967 AU		-12212 Nov 13 j 21:31	0° M			
	-12216 Feb 16 j 18:40	0° A			-12212 Dec 14 j 21:29	0° A			
	-12216 Mar 19 j 06:13	0° B			-12211 Jan 15 j 08:25	0° M			
	-12216 Apr 19 j 07:10	0° \approx		max. Earth dist.	-12211 Jan 31 j 05:34	15° $\text{M03}'54$	1.01963 AU		
	-12216 May 19 j 17:47	0° H			-12211 Feb 15 j 23:39	0° A			
	-12216 Jun 18 j 14:18	0° Y			-12211 Mar 19 j 11:11	0° B			
	-12216 Jul 18 j 00:37	0° B			-12211 Apr 19 j 12:08	0° \approx			
min. Earth dist.	-12216 Aug 02 j 04:34	15° $\text{832}'26$	0.98028 AU		-12211 May 19 j 22:48	0° H			
	-12216 Aug 16 j 07:04	0° II			-12211 Jun 18 j 19:24	0° Y			
	-12216 Sep 14 j 16:52	0° E			-12211 Jul 18 j 05:48	0° B			
	-12216 Oct 14 j 12:30	0° O		min. Earth dist.	-12211 Aug 03 j 06:58	16° $\text{826}'54$	0.98034 AU		
	-12216 Nov 13 j 22:04	0° M			-12211 Aug 16 j 12:20	0° II			
	-12216 Dec 14 j 22:06	0° A			-12211 Sep 14 j 22:12	0° E			
	-12215 Jan 15 j 09:08	0° M			-12211 Oct 14 j 17:51	0° O			
max. Earth dist.	-12215 Feb 02 j 06:57	16° $\text{M58}'45$	1.01969 AU		-12211 Nov 14 j 03:22	0° M			
	-12215 Feb 16 j 00:27	0° A			-12211 Dec 15 j 03:19	0° A			
	-12215 Mar 19 j 12:01	0° B			-12210 Jan 15 j 14:14	0° M			
	-12215 Apr 19 j 12:59	0° \approx		max. Earth dist.	-12210 Feb 02 j 13:49	17° $\text{M03}'09$	1.01960 AU		
	-12215 May 19 j 23:37	0° H			-12210 Feb 16 j 05:25	0° A			
	-12215 Jun 18 j 20:11	0° Y			-12210 Mar 19 j 16:56	0° B			
	-12215 Jul 18 j 06:33	0° B			-12210 Apr 19 j 17:54	0° \approx			
min. Earth dist.	-12215 Aug 02 j 18:03	15° $\text{851}'47$	0.98036 AU		-12210 May 20 j 04:35	0° H			
	-12215 Aug 16 j 13:02	0° II			-12210 Jun 19 j 01:13	0° Y			
	-12215 Sep 14 j 22:50	0° E			-12210 Jul 18 j 11:37	0° B			
	-12215 Oct 14 j 18:24	0° O		min. Earth dist.	-12210 Aug 02 j 07:03	15° $\text{810}'24$	0.98035 AU		
	-12215 Nov 14 j 03:54	0° M			-12210 Aug 16 j 18:06	0° II			
	-12215 Dec 15 j 03:52	0° A			-12210 Sep 15 j 03:54	0° E			
	-12214 Jan 15 j 14:52	0° M			-12210 Oct 14 j 23:29	0° O			
max. Earth dist.	-12214 Jan 31 j 20:22	15° $\text{M23}'34$	1.01968 AU		-12210 Nov 14 j 08:58	0° M			
	-12214 Feb 16 j 06:10	0° A			-12210 Dec 15 j 08:57	0° A			
	-12214 Mar 19 j 17:44	0° B			-12209 Jan 15 j 19:56	0° M			
	-12214 Apr 19 j 18:43	0° \approx		max. Earth dist.	-12209 Feb 01 j 21:55	16° $\text{M11}'56$	1.01969 AU		

Attention, astronomical year style is used: The year -12209 in astronomical counting style is the year 12210 BCE in historical counting style.

	-12209 Feb 16 j 11:15	0°♂					-12205 Dec 15 j 14:07	0°♂			
	-12209 Mar 19 j 22:50	0°♂					-12204 Jan 16 j 01:07	0°♂			
	-12209 Apr 19 j 23:50	0°♂				max. Earth dist.	-12204 Feb 03 j 00:38	17°♂02'45	1.01971 AU		
	-12209 May 20 j 10:32	0°♂					-12204 Feb 16 j 16:28	0°♂			
	-12209 Jun 19 j 07:09	0°♂					-12204 Mar 19 j 04:08	0°♂			
	-12209 Jul 18 j 17:33	0°♂					-12204 Apr 19 j 05:12	0°♂			
min. Earth dist.	-12209 Aug 04 j 14:16	17°♂17'09	0.98034 AU				-12204 May 19 j 15:56	0°♂			
	-12209 Aug 17 j 00:03	0°♂					-12204 Jun 18 j 12:33	0°♂			
	-12209 Sep 15 j 09:50	0°♂					-12204 Jul 17 j 22:55	0°♂			
	-12209 Oct 15 j 05:24	0°♂				min. Earth dist.	-12204 Aug 03 j 00:34	16°♂28'12	0.98033 AU		
	-12209 Nov 14 j 14:54	0°♂					-12204 Aug 16 j 05:21	0°♂			
	-12209 Dec 15 j 14:53	0°♂					-12204 Sep 14 j 15:06	0°♂			
	-12208 Jan 16 j 01:54	0°♂					-12204 Oct 14 j 10:39	0°♂			
max. Earth dist.	-12208 Jan 31 j 22:49	15°♂03'18	1.01966 AU				-12204 Nov 13 j 20:07	0°♂			
	-12208 Feb 16 j 17:12	0°♂					-12204 Dec 14 j 20:05	0°♂			
	-12208 Mar 19 j 04:45	0°♂					-12203 Jan 15 j 07:04	0°♂			
	-12208 Apr 19 j 05:41	0°♂				max. Earth dist.	-12203 Jan 31 j 08:14	15°♂13'21	1.01967 AU		
	-12208 May 19 j 16:18	0°♂					-12203 Feb 15 j 22:22	0°♂			
	-12208 Jun 18 j 12:53	0°♂					-12203 Mar 19 j 09:58	0°♂			
	-12208 Jul 17 j 23:16	0°♂					-12203 Apr 19 j 11:00	0°♂			
min. Earth dist.	-12208 Aug 02 j 11:20	15°♂53'11	0.98032 AU				-12203 May 19 j 21:44	0°♂			
	-12208 Aug 16 j 05:47	0°♂					-12203 Jun 18 j 18:24	0°♂			
	-12208 Sep 14 j 15:38	0°♂					-12203 Jul 18 j 04:51	0°♂			
	-12208 Oct 14 j 11:14	0°♂				min. Earth dist.	-12203 Aug 03 j 17:35	16°♂56'38	0.98031 AU		
	-12208 Nov 13 j 20:45	0°♂					-12203 Aug 16 j 11:21	0°♂			
	-12208 Dec 14 j 20:43	0°♂					-12203 Sep 14 j 21:08	0°♂			
	-12207 Jan 15 j 07:43	0°♂					-12203 Oct 14 j 16:40	0°♂			
max. Earth dist.	-12207 Feb 02 j 10:11	17°♂09'46	1.01968 AU				-12203 Nov 14 j 02:04	0°♂			
	-12207 Feb 15 j 23:01	0°♂					-12203 Dec 15 j 01:57	0°♂			
	-12207 Mar 19 j 10:36	0°♂					-12202 Jan 15 j 12:53	0°♂			
	-12207 Apr 19 j 11:34	0°♂				max. Earth dist.	-12202 Feb 02 j 09:33	16°♂56'12	1.01963 AU		
	-12207 May 19 j 22:12	0°♂					-12202 Feb 16 j 04:09	0°♂			
	-12207 Jun 18 j 18:46	0°♂					-12202 Mar 19 j 15:44	0°♂			
	-12207 Jul 18 j 05:09	0°♂					-12202 Apr 19 j 16:47	0°♂			
min. Earth dist.	-12207 Aug 02 j 05:01	15°♂21'49	0.98037 AU				-12202 May 20 j 03:32	0°♂			
	-12207 Aug 16 j 11:40	0°♂					-12202 Jun 19 j 00:13	0°♂			
	-12207 Sep 14 j 21:30	0°♂					-12202 Jul 18 j 10:40	0°♂			
	-12207 Oct 14 j 17:05	0°♂				min. Earth dist.	-12202 Aug 02 j 09:56	15°♂20'13	0.98034 AU		
	-12207 Nov 14 j 02:34	0°♂					-12202 Aug 16 j 17:10	0°♂			
	-12207 Dec 15 j 02:29	0°♂					-12202 Sep 15 j 02:54	0°♂			
	-12206 Jan 15 j 13:28	0°♂					-12202 Oct 14 j 22:23	0°♂			
max. Earth dist.	-12206 Feb 01 j 03:35	15°♂43'58	1.01969 AU				-12202 Nov 14 j 07:45	0°♂			
	-12206 Feb 16 j 04:47	0°♂					-12202 Dec 15 j 07:37	0°♂			
	-12206 Mar 19 j 16:24	0°♂					-12201 Jan 15 j 18:34	0°♂			
	-12206 Apr 19 j 17:26	0°♂				max. Earth dist.	-12201 Feb 02 j 09:19	16°♂42'04	1.01972 AU		
	-12206 May 20 j 04:08	0°♂					-12201 Feb 16 j 09:55	0°♂			
	-12206 Jun 19 j 00:44	0°♂					-12201 Mar 19 j 21:37	0°♂			
	-12206 Jul 18 j 11:08	0°♂					-12201 Apr 19 j 22:44	0°♂			
min. Earth dist.	-12206 Aug 04 j 05:12	17°♂10'24	0.98032 AU				-12201 May 20 j 09:30	0°♂			
	-12206 Aug 16 j 17:37	0°♂					-12201 Jun 19 j 06:11	0°♂			
	-12206 Sep 15 j 03:26	0°♂					-12201 Jul 18 j 16:37	0°♂			
	-12206 Oct 14 j 23:00	0°♂				min. Earth dist.	-12201 Aug 04 j 13:15	17°♂16'54	0.98036 AU		
	-12206 Nov 14 j 08:27	0°♂					-12201 Aug 16 j 23:07	0°♂			
	-12206 Dec 15 j 08:22	0°♂					-12201 Sep 15 j 08:53	0°♂			
	-12205 Jan 15 j 19:19	0°♂					-12201 Oct 15 j 04:23	0°♂			
max. Earth dist.	-12205 Feb 01 j 18:22	16°♂05'07	1.01965 AU				-12201 Nov 14 j 13:47	0°♂			
	-12205 Feb 16 j 10:36	0°♂					-12201 Dec 15 j 13:39	0°♂			
	-12205 Mar 19 j 22:14	0°♂					-12200 Jan 16 j 00:35	0°♂			
	-12205 Apr 19 j 23:17	0°♂				max. Earth dist.	-12200 Feb 01 j 02:29	15°♂15'06	1.01966 AU		
	-12205 May 20 j 09:59	0°♂					-12200 Feb 16 j 15:54	0°♂			
	-12205 Jun 19 j 06:34	0°♂					-12200 Mar 19 j 03:32	0°♂			
	-12205 Jul 18 j 16:55	0°♂					-12200 Apr 19 j 04:35	0°♂			
min. Earth dist.	-12205 Aug 02 j 18:04	15°♂25'12	0.98028 AU				-12200 May 19 j 15:19	0°♂			
	-12205 Aug 16 j 23:21	0°♂					-12200 Jun 18 j 11:58	0°♂			
	-12205 Sep 15 j 09:07	0°♂					-12200 Jul 17 j 22:23	0°♂			
	-12205 Oct 15 j 04:40	0°♂				min. Earth dist.	-12200 Aug 02 j 19:36	16°♂16'42	0.98032 AU		
	-12205 Nov 14 j 14:09	0°♂					-12200 Aug 16 j 04:54	0°♂			

Attention, astronomical year style is used: The year -12200 in astronomical counting style is the year 12201 BCE in historical counting style.

	-12200 Sep 14 j 14:43	0°☉					-12195 Jul 18 j 03:35	0°♄			
	-12200 Oct 14 j 10:16	0°♌			min. Earth dist.		-12195 Aug 03 j 21:25	17°♄09'39	0.98035 AU		
	-12200 Nov 13 j 19:42	0°♍					-12195 Aug 16 j 10:08	0°♊			
	-12200 Dec 14 j 19:35	0°♋					-12195 Sep 14 j 19:57	0°♎			
	-12199 Jan 15 j 06:28	0°♌					-12195 Oct 14 j 15:30	0°♏			
max. Earth dist.	-12199 Feb 02 j 15:22	17°♌25'07	1.01964 AU				-12195 Nov 14 j 00:53	0°♍			
	-12199 Feb 15 j 21:43	0°♎					-12195 Dec 15 j 00:44	0°♋			
	-12199 Mar 19 j 09:19	0°♌					-12194 Jan 15 j 11:36	0°♌			
	-12199 Apr 19 j 10:23	0°♍			max. Earth dist.		-12194 Feb 02 j 01:40	16°♌40'39	1.01962 AU		
	-12199 May 19 j 21:09	0°♎					-12194 Feb 16 j 02:51	0°♎			
	-12199 Jun 18 j 17:49	0°♏					-12194 Mar 19 j 14:27	0°♌			
	-12199 Jul 18 j 04:15	0°♄					-12194 Apr 19 j 15:31	0°♍			
min. Earth dist.	-12199 Aug 02 j 02:53	15°♄18'36	0.98037 AU				-12194 May 20 j 02:17	0°♎			
	-12199 Aug 16 j 10:46	0°♊					-12194 Jun 18 j 22:58	0°♏			
	-12199 Sep 14 j 20:34	0°☉					-12194 Jul 18 j 09:23	0°♄			
	-12199 Oct 14 j 16:06	0°♌			min. Earth dist.		-12194 Aug 02 j 09:15	15°♄21'51	0.98032 AU		
	-12199 Nov 14 j 01:30	0°♍					-12194 Aug 16 j 15:51	0°♊			
	-12199 Dec 15 j 01:21	0°♋					-12194 Sep 15 j 01:35	0°☉			
	-12198 Jan 15 j 12:15	0°♌					-12194 Oct 14 j 21:04	0°♏			
max. Earth dist.	-12198 Feb 01 j 12:10	16°♌07'12	1.01966 AU				-12194 Nov 14 j 06:27	0°♍			
	-12198 Feb 16 j 03:30	0°♎					-12194 Dec 15 j 06:17	0°♋			
	-12198 Mar 19 j 15:06	0°♌					-12193 Jan 15 j 17:13	0°♌			
	-12198 Apr 19 j 16:12	0°♍			max. Earth dist.		-12193 Feb 02 j 17:03	17°♌03'36	1.01971 AU		
	-12198 May 20 j 03:00	0°♎					-12193 Feb 16 j 08:33	0°♎			
	-12198 Jun 18 j 23:45	0°♏					-12193 Mar 19 j 20:16	0°♌			
	-12198 Jul 18 j 10:13	0°♄					-12193 Apr 19 j 21:25	0°♍			
min. Earth dist.	-12198 Aug 04 j 12:19	17°♄30'56	0.98035 AU				-12193 May 20 j 08:14	0°♎			
	-12198 Aug 16 j 16:44	0°♊					-12193 Jun 19 j 04:56	0°♏			
	-12198 Sep 15 j 02:30	0°☉					-12193 Jul 18 j 15:20	0°♄			
	-12198 Oct 14 j 22:00	0°♌			min. Earth dist.		-12193 Aug 04 j 07:00	17°♄04'11	0.98033 AU		
	-12198 Nov 14 j 07:23	0°♍					-12193 Aug 16 j 21:46	0°♊			
	-12198 Dec 15 j 07:14	0°♋					-12193 Sep 15 j 07:28	0°☉			
	-12197 Jan 15 j 18:07	0°♌					-12193 Oct 15 j 02:56	0°♏			
max. Earth dist.	-12197 Feb 01 j 06:54	15°♌40'53	1.01962 AU				-12193 Nov 14 j 12:19	0°♍			
	-12197 Feb 16 j 09:22	0°♎					-12193 Dec 15 j 12:12	0°♋			
	-12197 Mar 19 j 20:58	0°♌					-12192 Jan 15 j 23:09	0°♌			
	-12197 Apr 19 j 22:01	0°♍			max. Earth dist.		-12192 Feb 01 j 01:10	15°♌15'21	1.01969 AU		
	-12197 May 20 j 08:47	0°♎					-12192 Feb 16 j 14:28	0°♎			
	-12197 Jun 19 j 05:28	0°♏					-12192 Mar 19 j 02:08	0°♌			
	-12197 Jul 18 j 15:55	0°♄					-12192 Apr 19 j 03:15	0°♍			
min. Earth dist.	-12197 Aug 03 j 02:51	15°♄50'13	0.98032 AU				-12192 May 19 j 14:02	0°♎			
	-12197 Aug 16 j 22:25	0°♊					-12192 Jun 18 j 10:43	0°♏			
	-12197 Sep 15 j 08:11	0°☉					-12192 Jul 17 j 21:09	0°♄			
	-12197 Oct 15 j 03:41	0°♌			min. Earth dist.		-12192 Aug 03 j 05:01	16°♄44'08	0.98028 AU		
	-12197 Nov 14 j 13:05	0°♍					-12192 Aug 16 j 03:36	0°♊			
	-12197 Dec 15 j 12:59	0°♋					-12192 Sep 14 j 13:20	0°☉			
	-12196 Jan 15 j 23:55	0°♌					-12192 Oct 14 j 08:48	0°♏			
max. Earth dist.	-12196 Feb 03 j 05:09	17°♌16'20	1.01968 AU				-12192 Nov 13 j 18:10	0°♍			
	-12196 Feb 16 j 15:14	0°♎					-12192 Dec 14 j 18:02	0°♋			
	-12196 Mar 19 j 02:51	0°♌					-12191 Jan 15 j 04:58	0°♌			
	-12196 Apr 19 j 03:55	0°♍			max. Earth dist.		-12191 Feb 02 j 11:40	17°♌19'56	1.01966 AU		
	-12196 May 19 j 14:39	0°♎					-12191 Feb 15 j 20:14	0°♎			
	-12196 Jun 18 j 11:19	0°♏					-12191 Mar 19 j 07:53	0°♌			
	-12196 Jul 17 j 21:46	0°♄					-12191 Apr 19 j 08:59	0°♍			
min. Earth dist.	-12196 Aug 02 j 14:34	16°♄05'20	0.98038 AU				-12191 May 19 j 19:48	0°♎			
	-12196 Aug 16 j 04:16	0°♊					-12191 Jun 18 j 16:32	0°♏			
	-12196 Sep 14 j 14:03	0°☉					-12191 Jul 18 j 03:00	0°♄			
	-12196 Oct 14 j 09:35	0°♌			min. Earth dist.		-12191 Aug 02 j 04:10	15°♄25'05	0.98035 AU		
	-12196 Nov 13 j 19:00	0°♍					-12191 Aug 16 j 09:29	0°♊			
	-12196 Dec 14 j 18:53	0°♋					-12191 Sep 14 j 19:13	0°☉			
	-12195 Jan 15 j 05:49	0°♌					-12191 Oct 14 j 14:38	0°♏			
max. Earth dist.	-12195 Jan 31 j 14:04	15°♌30'07	1.01967 AU				-12191 Nov 13 j 23:55	0°♍			
	-12195 Feb 15 j 21:06	0°♎					-12191 Dec 14 j 23:43	0°♋			
	-12195 Mar 19 j 08:42	0°♌					-12190 Jan 15 j 10:37	0°♌			
	-12195 Apr 19 j 09:44	0°♍			max. Earth dist.		-12190 Feb 01 j 20:35	16°♌30'53	1.01970 AU		
	-12195 May 19 j 20:28	0°♎					-12190 Feb 16 j 01:56	0°♎			
	-12195 Jun 18 j 17:08	0°♏					-12190 Mar 19 j 13:37	0°♌			

Attention, astronomical year style is used: The year -12190 in astronomical counting style is the year 12191 BCE in historical counting style.

	-12190 Apr 19 j 14:47	0°≈		max. Earth dist.	-12185 Feb 02 j 23:49	17°ℓ22'50	1.01969 AU
	-12190 May 20 j 01:39	0°✕			-12185 Feb 16 j 07:10	0°✕	
	-12190 Jun 18 j 22:26	0°Υ			-12185 Mar 19 j 18:52	0°Ξ	
	-12190 Jul 18 j 08:57	0°Ϡ			-12185 Apr 19 j 20:03	0°≈	
min. Earth dist.	-12190 Aug 04 j 15:28	17°Ϡ42'15	0.98035 AU		-12185 May 20 j 06:56	0°✕	
	-12190 Aug 16 j 15:27	0°ℓ			-12185 Jun 19 j 03:44	0°Υ	
	-12190 Sep 15 j 01:10	0°Ϡ			-12185 Jul 18 j 14:14	0°Ϡ	
	-12190 Oct 14 j 20:35	0°Ω		min. Earth dist.	-12185 Aug 04 j 03:04	16°Ϡ56'45	0.98036 AU
	-12190 Nov 14 j 05:51	0°ℓ			-12185 Aug 16 j 20:43	0°ℓ	
	-12190 Dec 15 j 05:37	0°♁			-12185 Sep 15 j 06:25	0°Ϡ	
	-12189 Jan 15 j 16:29	0°ℓ			-12185 Oct 15 j 01:49	0°Ω	
max. Earth dist.	-12189 Feb 01 j 04:13	15°ℓ38'26	1.01966 AU		-12185 Nov 14 j 11:07	0°ℓ	
	-12189 Feb 16 j 07:47	0°✕			-12185 Dec 15 j 10:56	0°♁	
	-12189 Mar 19 j 19:28	0°Ξ			-12184 Jan 15 j 21:52	0°ℓ	
	-12189 Apr 19 j 20:38	0°≈		max. Earth dist.	-12184 Feb 01 j 04:06	15°ℓ25'21	1.01968 AU
	-12189 May 20 j 07:28	0°✕			-12184 Feb 16 j 13:11	0°✕	
	-12189 Jun 19 j 04:11	0°Υ			-12184 Mar 19 j 00:52	0°Ξ	
	-12189 Jul 18 j 14:39	0°Ϡ			-12184 Apr 19 j 01:59	0°≈	
min. Earth dist.	-12189 Aug 03 j 09:57	16°Ϡ11'42	0.98031 AU		-12184 May 19 j 12:49	0°✕	
	-12189 Aug 16 j 21:10	0°ℓ			-12184 Jun 18 j 09:33	0°Υ	
	-12189 Sep 15 j 06:54	0°Ϡ			-12184 Jul 17 j 20:03	0°Ϡ	
	-12189 Oct 15 j 02:21	0°Ω		min. Earth dist.	-12184 Aug 03 j 12:38	17°Ϡ06'28	0.98033 AU
	-12189 Nov 14 j 11:39	0°ℓ			-12184 Aug 16 j 02:34	0°ℓ	
	-12189 Dec 15 j 11:26	0°♁			-12184 Sep 14 j 12:20	0°Ϡ	
	-12188 Jan 15 j 22:19	0°ℓ			-12184 Oct 14 j 07:47	0°Ω	
max. Earth dist.	-12188 Feb 03 j 12:55	17°ℓ38'33	1.01968 AU		-12184 Nov 13 j 17:06	0°ℓ	
	-12188 Feb 16 j 13:37	0°✕			-12184 Dec 14 j 16:53	0°♁	
	-12188 Mar 19 j 01:20	0°Ξ			-12183 Jan 15 j 03:46	0°ℓ	
	-12188 Apr 19 j 02:30	0°≈		max. Earth dist.	-12183 Feb 02 j 07:31	17°ℓ12'59	1.01964 AU
	-12188 May 19 j 13:22	0°✕			-12183 Feb 15 j 19:03	0°✕	
	-12188 Jun 18 j 10:05	0°Υ			-12183 Mar 19 j 06:42	0°Ξ	
	-12188 Jul 17 j 20:32	0°Ϡ			-12183 Apr 19 j 07:51	0°≈	
min. Earth dist.	-12188 Aug 02 j 06:05	15°Ϡ46'38	0.98036 AU		-12183 May 19 j 18:41	0°✕	
	-12188 Aug 16 j 03:02	0°ℓ			-12183 Jun 18 j 15:25	0°Υ	
	-12188 Sep 14 j 12:47	0°Ϡ			-12183 Jul 18 j 01:54	0°Ϡ	
	-12188 Oct 14 j 08:15	0°Ω		min. Earth dist.	-12183 Aug 02 j 02:10	15°Ϡ22'46	0.98035 AU
	-12188 Nov 13 j 17:36	0°ℓ			-12183 Aug 16 j 08:25	0°ℓ	
	-12188 Dec 14 j 17:24	0°♁			-12183 Sep 14 j 18:10	0°Ϡ	
	-12187 Jan 15 j 04:15	0°ℓ			-12183 Oct 14 j 13:35	0°Ω	
max. Earth dist.	-12187 Jan 31 j 23:51	15°ℓ57'01	1.01966 AU		-12183 Nov 13 j 22:51	0°ℓ	
	-12187 Feb 15 j 19:31	0°✕			-12183 Dec 14 j 22:36	0°♁	
	-12187 Mar 19 j 07:10	0°Ξ			-12182 Jan 15 j 09:26	0°ℓ	
	-12187 Apr 19 j 08:19	0°≈		max. Earth dist.	-12182 Feb 02 j 06:02	16°ℓ56'03	1.01969 AU
	-12187 May 19 j 19:11	0°✕			-12182 Feb 16 j 00:45	0°✕	
	-12187 Jun 18 j 15:57	0°Υ			-12182 Mar 19 j 12:28	0°Ξ	
	-12187 Jul 18 j 02:27	0°Ϡ			-12182 Apr 19 j 13:42	0°≈	
min. Earth dist.	-12187 Aug 04 j 04:29	17°Ϡ30'45	0.98034 AU		-12182 May 20 j 00:37	0°✕	
	-12187 Aug 16 j 08:58	0°ℓ			-12182 Jun 18 j 21:24	0°Υ	
	-12187 Sep 14 j 18:44	0°Ϡ			-12182 Jul 18 j 07:53	0°Ϡ	
	-12187 Oct 14 j 14:13	0°Ω		min. Earth dist.	-12182 Aug 04 j 11:52	17°Ϡ35'43	0.98034 AU
	-12187 Nov 13 j 23:33	0°ℓ			-12182 Aug 16 j 14:22	0°ℓ	
	-12187 Dec 14 j 23:20	0°♁			-12182 Sep 15 j 00:04	0°Ϡ	
	-12186 Jan 15 j 10:09	0°ℓ			-12182 Oct 14 j 19:29	0°Ω	
max. Earth dist.	-12186 Feb 01 j 16:31	16°ℓ22'32	1.01960 AU		-12182 Nov 14 j 04:45	0°ℓ	
	-12186 Feb 16 j 01:22	0°✕			-12182 Dec 15 j 04:30	0°♁	
	-12186 Mar 19 j 12:59	0°Ξ			-12181 Jan 15 j 15:21	0°ℓ	
	-12186 Apr 19 j 14:07	0°≈		max. Earth dist.	-12181 Feb 01 j 01:58	15°ℓ35'49	1.01967 AU
	-12186 May 20 j 01:00	0°✕			-12181 Feb 16 j 06:39	0°✕	
	-12186 Jun 18 j 21:48	0°Υ			-12181 Mar 19 j 18:22	0°Ξ	
	-12186 Jul 18 j 08:18	0°Ϡ			-12181 Apr 19 j 19:36	0°≈	
min. Earth dist.	-12186 Aug 02 j 17:45	15°Ϡ46'22	0.98032 AU		-12181 May 20 j 06:30	0°✕	
	-12186 Aug 16 j 14:48	0°ℓ			-12181 Jun 19 j 03:16	0°Υ	
	-12186 Sep 15 j 00:30	0°Ϡ			-12181 Jul 18 j 13:43	0°Ϡ	
	-12186 Oct 14 j 19:54	0°Ω		min. Earth dist.	-12181 Aug 03 j 17:43	16°Ϡ34'12	0.98027 AU
	-12186 Nov 14 j 05:11	0°ℓ			-12181 Aug 16 j 20:10	0°ℓ	
	-12186 Dec 15 j 04:58	0°♁			-12181 Sep 15 j 05:50	0°Ϡ	
	-12185 Jan 15 j 15:51	0°ℓ			-12181 Oct 15 j 01:13	0°Ω	

Attention, astronomical year style is used: The year -12181 in astronomical counting style is the year 12182 BCE in historical counting style.

	-12181 Nov 14 j 10:30	0° \mathbb{M}				-12176 Aug 16 j 01:27	0° \mathbb{I}			
	-12181 Dec 15 j 10:18	0° \mathbb{L}				-12176 Sep 14 j 11:11	0° \mathbb{G}			
	-12180 Jan 15 j 21:10	0° \mathbb{M}				-12176 Oct 14 j 06:36	0° \mathbb{O}			
max. Earth dist.	-12180 Feb 03 j 13:52	17° \mathbb{M} 43'33	1.01968 AU			-12176 Nov 13 j 15:51	0° \mathbb{M}			
	-12180 Feb 16 j 12:28	0° \mathbb{J}				-12176 Dec 14 j 15:34	0° \mathbb{L}			
	-12180 Mar 19 j 00:12	0° \mathbb{Z}				-12175 Jan 15 j 02:22	0° \mathbb{M}			
	-12180 Apr 19 j 01:25	0° \mathbb{A}			max. Earth dist.	-12175 Feb 02 j 02:13	17° \mathbb{M} 03'54	1.01961 AU		
	-12180 May 19 j 12:21	0° \mathbb{H}				-12175 Feb 15 j 17:35	0° \mathbb{J}			
	-12180 Jun 18 j 09:08	0° \mathbb{Y}				-12175 Mar 19 j 05:15	0° \mathbb{Z}			
	-12180 Jul 17 j 19:36	0° \mathbb{B}				-12175 Apr 19 j 06:28	0° \mathbb{A}			
min. Earth dist.	-12180 Aug 02 j 03:27	15° \mathbb{B} 42'16	0.98033 AU			-12175 May 19 j 17:24	0° \mathbb{H}			
	-12180 Aug 16 j 02:04	0° \mathbb{I}				-12175 Jun 18 j 14:14	0° \mathbb{Y}			
	-12180 Sep 14 j 11:44	0° \mathbb{G}				-12175 Jul 18 j 00:46	0° \mathbb{B}			
	-12180 Oct 14 j 07:06	0° \mathbb{O}			min. Earth dist.	-12175 Aug 02 j 06:51	15° \mathbb{B} 37'41	0.98034 AU		
	-12180 Nov 13 j 16:23	0° \mathbb{M}				-12175 Aug 16 j 07:16	0° \mathbb{I}			
	-12180 Dec 14 j 16:09	0° \mathbb{L}				-12175 Sep 14 j 16:58	0° \mathbb{G}			
	-12179 Jan 15 j 03:01	0° \mathbb{M}				-12175 Oct 14 j 12:20	0° \mathbb{O}			
max. Earth dist.	-12179 Feb 01 j 06:49	16° \mathbb{M} 16'22	1.01969 AU			-12175 Nov 13 j 21:32	0° \mathbb{M}			
	-12179 Feb 15 j 18:18	0° \mathbb{J}				-12175 Dec 14 j 21:13	0° \mathbb{L}			
	-12179 Mar 19 j 06:00	0° \mathbb{Z}				-12174 Jan 15 j 08:00	0° \mathbb{M}			
	-12179 Apr 19 j 07:12	0° \mathbb{A}			max. Earth dist.	-12174 Feb 02 j 14:13	17° \mathbb{M} 18'52	1.01966 AU		
	-12179 May 19 j 18:08	0° \mathbb{H}				-12174 Feb 15 j 23:15	0° \mathbb{J}			
	-12179 Jun 18 j 14:59	0° \mathbb{Y}				-12174 Mar 19 j 10:57	0° \mathbb{Z}			
	-12179 Jul 18 j 01:31	0° \mathbb{B}				-12174 Apr 19 j 12:13	0° \mathbb{A}			
min. Earth dist.	-12179 Aug 04 j 11:09	17° \mathbb{B} 50'11	0.98034 AU			-12174 May 19 j 23:13	0° \mathbb{H}			
	-12179 Aug 16 j 08:03	0° \mathbb{I}				-12174 Jun 18 j 20:06	0° \mathbb{Y}			
	-12179 Sep 14 j 17:45	0° \mathbb{G}				-12174 Jul 18 j 06:40	0° \mathbb{B}			
	-12179 Oct 14 j 13:07	0° \mathbb{O}			min. Earth dist.	-12174 Aug 04 j 10:57	17° \mathbb{B} 36'24	0.98037 AU		
	-12179 Nov 13 j 22:20	0° \mathbb{M}				-12174 Aug 16 j 13:11	0° \mathbb{I}			
	-12179 Dec 14 j 22:03	0° \mathbb{L}				-12174 Sep 14 j 22:51	0° \mathbb{G}			
	-12178 Jan 15 j 08:52	0° \mathbb{M}				-12174 Oct 14 j 18:11	0° \mathbb{O}			
max. Earth dist.	-12178 Feb 01 j 07:53	16° \mathbb{M} 05'09	1.01963 AU			-12174 Nov 14 j 03:23	0° \mathbb{M}			
	-12178 Feb 16 j 00:07	0° \mathbb{J}				-12174 Dec 15 j 03:05	0° \mathbb{L}			
	-12178 Mar 19 j 11:47	0° \mathbb{Z}				-12173 Jan 15 j 13:54	0° \mathbb{M}			
	-12178 Apr 19 j 12:59	0° \mathbb{A}			max. Earth dist.	-12173 Feb 01 j 01:04	15° \mathbb{M} 37'08	1.01966 AU		
	-12178 May 19 j 23:55	0° \mathbb{H}				-12173 Feb 16 j 05:10	0° \mathbb{J}			
	-12178 Jun 18 j 20:46	0° \mathbb{Y}				-12173 Mar 19 j 16:53	0° \mathbb{Z}			
	-12178 Jul 18 j 07:19	0° \mathbb{B}				-12173 Apr 19 j 18:07	0° \mathbb{A}			
min. Earth dist.	-12178 Aug 03 j 01:20	16° \mathbb{B} 08'22	0.98032 AU			-12173 May 20 j 05:04	0° \mathbb{H}			
	-12178 Aug 16 j 13:49	0° \mathbb{I}				-12173 Jun 19 j 01:54	0° \mathbb{Y}			
	-12178 Sep 14 j 23:29	0° \mathbb{G}				-12173 Jul 18 j 12:26	0° \mathbb{B}			
	-12178 Oct 14 j 18:49	0° \mathbb{O}			min. Earth dist.	-12173 Aug 04 j 02:39	17° \mathbb{B} 00'20	0.98030 AU		
	-12178 Nov 14 j 03:59	0° \mathbb{M}				-12173 Aug 16 j 18:56	0° \mathbb{I}			
	-12178 Dec 15 j 03:40	0° \mathbb{L}				-12173 Sep 15 j 04:36	0° \mathbb{G}			
	-12177 Jan 15 j 14:29	0° \mathbb{M}				-12173 Oct 14 j 23:56	0° \mathbb{O}			
max. Earth dist.	-12177 Feb 03 j 08:11	17° \mathbb{M} 45'54	1.01970 AU			-12173 Nov 14 j 09:08	0° \mathbb{M}			
	-12177 Feb 16 j 05:48	0° \mathbb{J}				-12173 Dec 15 j 08:52	0° \mathbb{L}			
	-12177 Mar 19 j 17:35	0° \mathbb{Z}				-12172 Jan 15 j 19:42	0° \mathbb{M}			
	-12177 Apr 19 j 18:51	0° \mathbb{A}			max. Earth dist.	-12172 Feb 03 j 12:08	17° \mathbb{M} 42'57	1.01967 AU		
	-12177 May 20 j 05:48	0° \mathbb{H}				-12172 Feb 16 j 11:00	0° \mathbb{J}			
	-12177 Jun 19 j 02:37	0° \mathbb{Y}				-12172 Mar 18 j 22:43	0° \mathbb{Z}			
	-12177 Jul 18 j 13:08	0° \mathbb{B}				-12172 Apr 18 j 23:57	0° \mathbb{A}			
min. Earth dist.	-12177 Aug 03 j 18:08	16° \mathbb{B} 36'33	0.98037 AU			-12172 May 19 j 10:53	0° \mathbb{H}			
	-12177 Aug 16 j 19:39	0° \mathbb{I}				-12172 Jun 18 j 07:41	0° \mathbb{Y}			
	-12177 Sep 15 j 05:20	0° \mathbb{G}				-12172 Jul 17 j 18:12	0° \mathbb{B}			
	-12177 Oct 15 j 00:41	0° \mathbb{O}			min. Earth dist.	-12172 Aug 01 j 23:23	15° \mathbb{B} 35'20	0.98035 AU		
	-12177 Nov 14 j 09:54	0° \mathbb{M}				-12172 Aug 16 j 00:42	0° \mathbb{I}			
	-12177 Dec 15 j 09:37	0° \mathbb{L}				-12172 Sep 14 j 10:24	0° \mathbb{G}			
	-12176 Jan 15 j 20:27	0° \mathbb{M}				-12172 Oct 14 j 05:46	0° \mathbb{O}			
max. Earth dist.	-12176 Feb 01 j 12:37	15° \mathbb{M} 48'54	1.01968 AU			-12172 Nov 13 j 14:59	0° \mathbb{M}			
	-12176 Feb 16 j 11:45	0° \mathbb{J}				-12172 Dec 14 j 14:40	0° \mathbb{L}			
	-12176 Mar 18 j 23:29	0° \mathbb{Z}				-12171 Jan 15 j 01:30	0° \mathbb{M}			
	-12176 Apr 19 j 00:43	0° \mathbb{A}			max. Earth dist.	-12171 Feb 01 j 15:33	16° \mathbb{M} 40'35	1.01969 AU		
	-12176 May 19 j 11:38	0° \mathbb{H}				-12171 Feb 15 j 16:48	0° \mathbb{J}			
	-12176 Jun 18 j 08:26	0° \mathbb{Y}				-12171 Mar 19 j 04:32	0° \mathbb{Z}			
	-12176 Jul 17 j 18:57	0° \mathbb{B}				-12171 Apr 19 j 05:47	0° \mathbb{A}			
min. Earth dist.	-12176 Aug 03 j 19:50	17° \mathbb{B} 27'46	0.98033 AU			-12171 May 19 j 16:44	0° \mathbb{H}			

Attention, astronomical year style is used: The year -12171 in astronomical counting style is the year 12172 BCE in historical counting style.

	-12171 Jun 18 j 13:34	0°Υ		-12166 Mar 19 j 09:37	0°Ϡ	
	-12171 Jul 18 j 00:07	0°Ϡ		-12166 Apr 19 j 10:58	0°≈	
min. Earth dist.	-12171 Aug 04 j 10:17	17°Ϡ51'34	0.98036 AU	-12166 May 19 j 22:02	0°Ϡ	
	-12171 Aug 16 j 06:38	0°Π		-12166 Jun 18 j 19:00	0°Υ	
	-12171 Sep 14 j 16:21	0°Ϡ		-12166 Jul 18 j 05:37	0°Ϡ	
	-12171 Oct 14 j 11:43	0°Ω		min. Earth dist.	-12166 Aug 04 j 06:22	17°Ϡ27'11 0.98039 AU
	-12171 Nov 13 j 20:55	0°Π		-12166 Aug 16 j 12:10	0°Π	
	-12171 Dec 14 j 20:35	0°⊕		-12166 Sep 14 j 21:48	0°Ϡ	
	-12170 Jan 15 j 07:22	0°Π		-12166 Oct 14 j 17:04	0°Ω	
max. Earth dist.	-12170 Feb 01 j 02:22	15°Π55'42	1.01964 AU	-12166 Nov 14 j 02:08	0°Π	
	-12170 Feb 15 j 22:38	0°Ϡ		-12166 Dec 15 j 01:44	0°⊕	
	-12170 Mar 19 j 10:22	0°Ϡ		-12165 Jan 15 j 12:30	0°Π	
	-12170 Apr 19 j 11:37	0°≈		max. Earth dist.	-12165 Feb 01 j 07:25	15°Π55'29 1.01967 AU
	-12170 May 19 j 22:36	0°Ϡ		-12165 Feb 16 j 03:47	0°Ϡ	
	-12170 Jun 18 j 19:28	0°Υ		-12165 Mar 19 j 15:36	0°Ϡ	
	-12170 Jul 18 j 05:58	0°Ϡ		-12165 Apr 19 j 16:56	0°≈	
min. Earth dist.	-12170 Aug 03 j 06:49	16°Ϡ25'59	0.98028 AU	-12165 May 20 j 03:58	0°Ϡ	
	-12170 Aug 16 j 12:26	0°Π		-12165 Jun 19 j 00:52	0°Υ	
	-12170 Sep 14 j 22:04	0°Ϡ		-12165 Jul 18 j 11:26	0°Ϡ	
	-12170 Oct 14 j 17:22	0°Ω		min. Earth dist.	-12165 Aug 04 j 10:42	17°Ϡ23'33 0.98032 AU
	-12170 Nov 14 j 02:32	0°Π		-12165 Aug 16 j 17:58	0°Π	
	-12170 Dec 15 j 02:12	0°⊕		-12165 Sep 15 j 03:38	0°Ϡ	
	-12169 Jan 15 j 13:00	0°Π		-12165 Oct 14 j 22:56	0°Ω	
max. Earth dist.	-12169 Feb 03 j 12:39	18°Π00'01	1.01970 AU	-12165 Nov 14 j 08:04	0°Π	
	-12169 Feb 16 j 04:19	0°Ϡ		-12165 Dec 15 j 07:41	0°⊕	
	-12169 Mar 19 j 16:08	0°Ϡ		-12164 Jan 15 j 18:26	0°Π	
	-12169 Apr 19 j 17:29	0°≈		max. Earth dist.	-12164 Feb 03 j 12:16	17°Π46'24 1.01964 AU
	-12169 May 20 j 04:31	0°Ϡ		-12164 Feb 16 j 09:42	0°Ϡ	
	-12169 Jun 19 j 01:23	0°Υ		-12164 Mar 18 j 21:27	0°Ϡ	
	-12169 Jul 18 j 11:53	0°Ϡ		-12164 Apr 18 j 22:47	0°≈	
min. Earth dist.	-12169 Aug 03 j 10:27	16°Ϡ20'04	0.98032 AU	-12164 May 19 j 09:49	0°Ϡ	
	-12169 Aug 16 j 18:20	0°Π		-12164 Jun 18 j 06:43	0°Υ	
	-12169 Sep 15 j 03:56	0°Ϡ		-12164 Jul 17 j 17:17	0°Ϡ	
	-12169 Oct 14 j 23:13	0°Ω		min. Earth dist.	-12164 Aug 02 j 00:46	15°Ϡ41'15 0.98035 AU
	-12169 Nov 14 j 08:24	0°Π		-12164 Aug 15 j 23:47	0°Π	
	-12169 Dec 15 j 08:06	0°⊕		-12164 Sep 14 j 09:28	0°Ϡ	
	-12168 Jan 15 j 18:58	0°Π		-12164 Oct 14 j 04:48	0°Ω	
max. Earth dist.	-12168 Feb 01 j 18:51	16°Π07'07	1.01971 AU	-12164 Nov 13 j 13:58	0°Π	
	-12168 Feb 16 j 10:18	0°Ϡ		-12164 Dec 14 j 13:34	0°⊕	
	-12168 Mar 18 j 22:04	0°Ϡ		-12163 Jan 15 j 00:18	0°Π	
	-12168 Apr 18 j 23:23	0°≈		max. Earth dist.	-12163 Feb 02 j 01:23	17°Π06'46 1.01965 AU
	-12168 May 19 j 10:24	0°Ϡ		-12163 Feb 15 j 15:32	0°Ϡ	
	-12168 Jun 18 j 07:17	0°Υ		-12163 Mar 19 j 03:16	0°Ϡ	
	-12168 Jul 17 j 17:49	0°Ϡ		-12163 Apr 19 j 04:35	0°≈	
min. Earth dist.	-12168 Aug 04 j 04:27	17°Ϡ52'50	0.98030 AU	-12163 May 19 j 15:39	0°Ϡ	
	-12168 Aug 16 j 00:18	0°Π		-12163 Jun 18 j 12:36	0°Υ	
	-12168 Sep 14 j 09:56	0°Ϡ		-12163 Jul 17 j 23:13	0°Ϡ	
	-12168 Oct 14 j 05:14	0°Ω		min. Earth dist.	-12163 Aug 04 j 12:14	17°Ϡ58'50 0.98038 AU
	-12168 Nov 13 j 14:24	0°Π		-12163 Aug 16 j 05:45	0°Π	
	-12168 Dec 14 j 14:05	0°⊕		-12163 Sep 14 j 15:25	0°Ϡ	
	-12167 Jan 15 j 00:54	0°Π		-12163 Oct 14 j 10:45	0°Ω	
max. Earth dist.	-12167 Feb 01 j 16:19	16°Π43'58	1.01964 AU	-12163 Nov 13 j 19:54	0°Π	
	-12167 Feb 15 j 16:10	0°Ϡ		-12163 Dec 14 j 19:32	0°⊕	
	-12167 Mar 19 j 03:54	0°Ϡ		-12162 Jan 15 j 06:16	0°Π	
	-12167 Apr 19 j 05:10	0°≈		max. Earth dist.	-12162 Jan 31 j 22:30	15°Π49'15 1.01961 AU
	-12167 May 19 j 16:12	0°Ϡ		-12162 Feb 15 j 21:28	0°Ϡ	
	-12167 Jun 18 j 13:07	0°Υ		-12162 Mar 19 j 09:11	0°Ϡ	
	-12167 Jul 17 j 23:42	0°Ϡ		-12162 Apr 19 j 10:28	0°≈	
min. Earth dist.	-12167 Aug 02 j 14:38	16°Ϡ00'22	0.98033 AU	-12162 May 19 j 21:31	0°Ϡ	
	-12167 Aug 16 j 06:13	0°Π		-12162 Jun 18 j 18:28	0°Υ	
	-12167 Sep 14 j 15:51	0°Ϡ		-12162 Jul 18 j 05:04	0°Ϡ	
	-12167 Oct 14 j 11:07	0°Ω		min. Earth dist.	-12162 Aug 03 j 16:41	16°Ϡ53'35 0.98031 AU
	-12167 Nov 13 j 20:11	0°Π		-12162 Aug 16 j 11:35	0°Π	
	-12167 Dec 14 j 19:47	0°⊕		-12162 Sep 14 j 21:12	0°Ϡ	
	-12166 Jan 15 j 06:32	0°Π		-12162 Oct 14 j 16:27	0°Ω	
max. Earth dist.	-12166 Feb 02 j 23:34	17°Π44'25	1.01968 AU	-12162 Nov 14 j 01:33	0°Π	
	-12166 Feb 15 j 21:50	0°Ϡ		-12162 Dec 15 j 01:11	0°⊕	

Attention, astronomical year style is used: The year -12161 in astronomical counting style is the year 12162 BCE in historical counting style.

	-12161 Jan 15 j 11:57	0° \mathbb{M}				-12157 Oct 14 j 21:31	0° Ω			
max. Earth dist.	-12161 Feb 03 j 13:06	18° \mathbb{M} 03'38	1.01967 AU			-12157 Nov 14 j 06:36	0° \mathbb{M}			
	-12161 Feb 16 j 03:14	0° \mathbb{A}				-12157 Dec 15 j 06:13	0° \mathbb{A}			
	-12161 Mar 19 j 15:00	0° \mathbb{B}				-12156 Jan 15 j 17:00	0° \mathbb{M}			
	-12161 Apr 19 j 16:19	0° \approx		max. Earth dist.	-12156 Feb 03 j 03:03	17° \mathbb{M} 27'59	1.01966 AU			
	-12161 May 20 j 03:23	0° \mathbb{H}			-12156 Feb 16 j 08:18	0° \mathbb{A}				
	-12161 Jun 19 j 00:18	0° \mathbb{Y}			-12156 Mar 18 j 20:06	0° \mathbb{B}				
	-12161 Jul 18 j 10:53	0° \mathbb{B}			-12156 Apr 18 j 21:29	0° \approx				
min. Earth dist.	-12161 Aug 03 j 04:25	16° \mathbb{B} 07'01	0.98036 AU		-12156 May 19 j 08:36	0° \mathbb{H}				
	-12161 Aug 16 j 17:23	0° \mathbb{I}			-12156 Jun 18 j 05:33	0° \mathbb{Y}				
	-12161 Sep 15 j 03:01	0° \mathbb{B}			-12156 Jul 17 j 16:07	0° \mathbb{B}				
	-12161 Oct 14 j 22:17	0° Ω		min. Earth dist.	-12156 Aug 02 j 06:20	15° \mathbb{B} 58'33	0.98030 AU			
	-12161 Nov 14 j 07:23	0° \mathbb{M}			-12156 Aug 15 j 22:35	0° \mathbb{I}				
	-12161 Dec 15 j 07:02	0° \mathbb{A}			-12156 Sep 14 j 08:09	0° \mathbb{B}				
	-12160 Jan 15 j 17:52	0° \mathbb{M}			-12156 Oct 14 j 03:21	0° Ω				
max. Earth dist.	-12160 Feb 02 j 01:50	16° \mathbb{M} 26'13	1.01971 AU		-12156 Nov 13 j 12:24	0° \mathbb{M}				
	-12160 Feb 16 j 09:11	0° \mathbb{A}			-12156 Dec 14 j 11:58	0° \mathbb{A}				
	-12160 Mar 18 j 20:58	0° \mathbb{B}			-12155 Jan 14 j 22:42	0° \mathbb{M}				
	-12160 Apr 18 j 22:16	0° \approx		max. Earth dist.	-12155 Feb 02 j 09:32	17° \mathbb{M} 29'44	1.01969 AU			
	-12160 May 19 j 09:16	0° \mathbb{H}			-12155 Feb 15 j 14:00	0° \mathbb{A}				
	-12160 Jun 18 j 06:09	0° \mathbb{Y}			-12155 Mar 19 j 01:48	0° \mathbb{B}				
	-12160 Jul 17 j 16:43	0° \mathbb{B}			-12155 Apr 19 j 03:11	0° \approx				
min. Earth dist.	-12160 Aug 04 j 06:08	17° \mathbb{B} 59'55	0.98034 AU		-12155 May 19 j 14:19	0° \mathbb{H}				
	-12160 Aug 15 j 23:14	0° \mathbb{I}			-12155 Jun 18 j 11:20	0° \mathbb{Y}				
	-12160 Sep 14 j 08:54	0° \mathbb{B}			-12155 Jul 17 j 21:59	0° \mathbb{B}				
	-12160 Oct 14 j 04:13	0° Ω		min. Earth dist.	-12155 Aug 04 j 12:23	18° \mathbb{B} 02'18	0.98037 AU			
	-12160 Nov 13 j 13:21	0° \mathbb{M}			-12155 Aug 16 j 04:30	0° \mathbb{I}				
	-12160 Dec 14 j 12:59	0° \mathbb{A}			-12155 Sep 14 j 14:06	0° \mathbb{B}				
	-12159 Jan 14 j 23:46	0° \mathbb{M}			-12155 Oct 14 j 09:17	0° Ω				
max. Earth dist.	-12159 Feb 01 j 06:50	16° \mathbb{M} 24'13	1.01964 AU		-12155 Nov 13 j 18:18	0° \mathbb{M}				
	-12159 Feb 15 j 15:03	0° \mathbb{A}			-12155 Dec 14 j 17:50	0° \mathbb{A}				
	-12159 Mar 19 j 02:48	0° \mathbb{B}			-12154 Jan 15 j 04:33	0° \mathbb{M}				
	-12159 Apr 19 j 04:05	0° \approx		max. Earth dist.	-12154 Feb 01 j 01:25	16° \mathbb{M} 00'09	1.01966 AU			
	-12159 May 19 j 15:06	0° \mathbb{H}			-12154 Feb 15 j 19:50	0° \mathbb{A}				
	-12159 Jun 18 j 11:59	0° \mathbb{Y}			-12154 Mar 19 j 07:38	0° \mathbb{B}				
	-12159 Jul 17 j 22:33	0° \mathbb{B}			-12154 Apr 19 j 09:02	0° \approx				
min. Earth dist.	-12159 Aug 02 j 17:32	16° \mathbb{B} 10'49	0.98032 AU		-12154 May 19 j 20:10	0° \mathbb{H}				
	-12159 Aug 16 j 05:04	0° \mathbb{I}			-12154 Jun 18 j 17:11	0° \mathbb{Y}				
	-12159 Sep 14 j 14:42	0° \mathbb{B}			-12154 Jul 18 j 03:49	0° \mathbb{B}				
	-12159 Oct 14 j 09:58	0° Ω		min. Earth dist.	-12154 Aug 04 j 01:43	17° \mathbb{B} 20'00	0.98031 AU			
	-12159 Nov 13 j 19:03	0° \mathbb{M}			-12154 Aug 16 j 10:19	0° \mathbb{I}				
	-12159 Dec 14 j 18:36	0° \mathbb{A}			-12154 Sep 14 j 19:54	0° \mathbb{B}				
	-12158 Jan 15 j 05:20	0° \mathbb{M}			-12154 Oct 14 j 15:04	0° Ω				
max. Earth dist.	-12158 Feb 03 j 06:22	18° \mathbb{M} 03'22	1.01968 AU		-12154 Nov 14 j 00:02	0° \mathbb{M}				
	-12158 Feb 15 j 20:37	0° \mathbb{A}			-12154 Dec 14 j 23:32	0° \mathbb{A}				
	-12158 Mar 19 j 08:27	0° \mathbb{B}			-12153 Jan 15 j 10:15	0° \mathbb{M}				
	-12158 Apr 19 j 09:50	0° \approx		max. Earth dist.	-12153 Feb 03 j 17:41	18° \mathbb{M} 18'35	1.01968 AU			
	-12158 May 19 j 20:56	0° \mathbb{H}			-12153 Feb 16 j 01:32	0° \mathbb{A}				
	-12158 Jun 18 j 17:52	0° \mathbb{Y}			-12153 Mar 19 j 13:23	0° \mathbb{B}				
	-12158 Jul 18 j 04:26	0° \mathbb{B}			-12153 Apr 19 j 14:50	0° \approx				
min. Earth dist.	-12158 Aug 03 j 18:34	17° \mathbb{B} 00'00	0.98035 AU		-12153 May 20 j 01:59	0° \mathbb{H}				
	-12158 Aug 16 j 10:54	0° \mathbb{I}			-12153 Jun 18 j 22:59	0° \mathbb{Y}				
	-12158 Sep 14 j 20:30	0° \mathbb{B}			-12153 Jul 18 j 09:36	0° \mathbb{B}				
	-12158 Oct 14 j 15:44	0° Ω		min. Earth dist.	-12153 Aug 03 j 01:56	16° \mathbb{B} 03'55	0.98034 AU			
	-12158 Nov 14 j 00:48	0° \mathbb{M}			-12153 Aug 16 j 16:06	0° \mathbb{I}				
	-12158 Dec 15 j 00:24	0° \mathbb{A}			-12153 Sep 15 j 01:42	0° \mathbb{B}				
	-12157 Jan 15 j 11:10	0° \mathbb{M}			-12153 Oct 14 j 20:53	0° Ω				
max. Earth dist.	-12157 Feb 01 j 11:12	16° \mathbb{M} 07'34	1.01970 AU		-12153 Nov 14 j 05:54	0° \mathbb{M}				
	-12157 Feb 16 j 02:29	0° \mathbb{A}			-12153 Dec 15 j 05:26	0° \mathbb{A}				
	-12157 Mar 19 j 14:20	0° \mathbb{B}			-12152 Jan 15 j 16:09	0° \mathbb{M}				
	-12157 Apr 19 j 15:44	0° \approx		max. Earth dist.	-12152 Feb 02 j 13:50	16° \mathbb{M} 58'43	1.01970 AU			
	-12157 May 20 j 02:50	0° \mathbb{H}			-12152 Feb 16 j 07:27	0° \mathbb{A}				
	-12157 Jun 18 j 23:45	0° \mathbb{Y}			-12152 Mar 18 j 19:17	0° \mathbb{B}				
	-12157 Jul 18 j 10:17	0° \mathbb{B}			-12152 Apr 18 j 20:43	0° \approx				
min. Earth dist.	-12157 Aug 04 j 18:26	17° \mathbb{B} 46'28	0.98027 AU		-12152 May 19 j 07:51	0° \mathbb{H}				
	-12157 Aug 16 j 16:43	0° \mathbb{I}			-12152 Jun 18 j 04:51	0° \mathbb{Y}				
	-12157 Sep 15 j 02:17	0° \mathbb{B}			-12152 Jul 17 j 15:27	0° \mathbb{B}				

Attention, astronomical year style is used: The year -12152 in astronomical counting style is the year 12153 BCE in historical counting style.

min. Earth dist.	-12152 Aug 04 j 09:45	18°♄12'23	0.98035 AU			-12147 May 19 j 13:09	0°♄		
	-12152 Aug 15 j 21:58	0°♄				-12147 Jun 18 j 10:09	0°♄		
	-12152 Sep 14 j 07:36	0°♄				-12147 Jul 17 j 20:48	0°♄		
	-12152 Oct 14 j 02:51	0°♄		min. Earth dist.	-12147 Aug 04 j 01:16	17°♄36'45	0.98038 AU		
	-12152 Nov 13 j 11:55	0°♄			-12147 Aug 16 j 03:20	0°♄			
	-12152 Dec 14 j 11:28	0°♄			-12147 Sep 14 j 12:58	0°♄			
	-12151 Jan 14 j 22:10	0°♄			-12147 Oct 14 j 08:11	0°♄			
max. Earth dist.	-12151 Feb 01 j 02:17	16°♄17'22	1.01962 AU		-12147 Nov 13 j 17:13	0°♄			
	-12151 Feb 15 j 13:24	0°♄			-12147 Dec 14 j 16:44	0°♄			
	-12151 Mar 19 j 01:10	0°♄			-12146 Jan 15 j 03:25	0°♄			
	-12151 Apr 19 j 02:32	0°♄		max. Earth dist.	-12146 Feb 01 j 04:03	16°♄09'04	1.01966 AU		
	-12151 May 19 j 13:41	0°♄			-12146 Feb 15 j 18:41	0°♄			
	-12151 Jun 18 j 10:43	0°♄			-12146 Mar 19 j 06:31	0°♄			
	-12151 Jul 17 j 21:22	0°♄			-12146 Apr 19 j 07:58	0°♄			
min. Earth dist.	-12151 Aug 03 j 04:17	16°♄41'26	0.98032 AU		-12146 May 19 j 19:09	0°♄			
	-12151 Aug 16 j 03:53	0°♄			-12146 Jun 18 j 16:10	0°♄			
	-12151 Sep 14 j 13:29	0°♄			-12146 Jul 18 j 02:46	0°♄			
	-12151 Oct 14 j 08:41	0°♄		min. Earth dist.	-12146 Aug 04 j 07:10	17°♄36'46	0.98028 AU		
	-12151 Nov 13 j 17:40	0°♄			-12146 Aug 16 j 09:14	0°♄			
	-12151 Dec 14 j 17:10	0°♄			-12146 Sep 14 j 18:47	0°♄			
	-12150 Jan 15 j 03:49	0°♄			-12146 Oct 14 j 13:57	0°♄			
max. Earth dist.	-12150 Feb 03 j 11:10	18°♄18'25	1.01964 AU		-12146 Nov 13 j 22:56	0°♄			
	-12150 Feb 15 j 19:03	0°♄			-12146 Dec 14 j 22:27	0°♄			
	-12150 Mar 19 j 06:51	0°♄			-12145 Jan 15 j 09:10	0°♄			
	-12150 Apr 19 j 08:17	0°♄		max. Earth dist.	-12145 Feb 03 j 13:12	18°♄10'35	1.01967 AU		
	-12150 May 19 j 19:29	0°♄			-12145 Feb 16 j 00:27	0°♄			
	-12150 Jun 18 j 16:33	0°♄			-12145 Mar 19 j 12:20	0°♄			
	-12150 Jul 18 j 03:14	0°♄			-12145 Apr 19 j 13:49	0°♄			
min. Earth dist.	-12150 Aug 03 j 14:50	16°♄53'21	0.98038 AU		-12145 May 20 j 01:02	0°♄			
	-12150 Aug 16 j 09:45	0°♄			-12145 Jun 18 j 22:03	0°♄			
	-12150 Sep 14 j 19:20	0°♄			-12145 Jul 18 j 08:39	0°♄			
	-12150 Oct 14 j 14:30	0°♄		min. Earth dist.	-12145 Aug 03 j 02:24	16°♄07'38	0.98029 AU		
	-12150 Nov 13 j 23:30	0°♄			-12145 Aug 16 j 15:06	0°♄			
	-12150 Dec 14 j 23:01	0°♄			-12145 Sep 15 j 00:37	0°♄			
	-12149 Jan 15 j 09:45	0°♄			-12145 Oct 14 j 19:45	0°♄			
max. Earth dist.	-12149 Feb 01 j 16:46	16°♄24'06	1.01968 AU		-12145 Nov 14 j 04:45	0°♄			
	-12149 Feb 16 j 01:02	0°♄			-12145 Dec 15 j 04:17	0°♄			
	-12149 Mar 19 j 12:52	0°♄			-12144 Jan 15 j 15:02	0°♄			
	-12149 Apr 19 j 14:17	0°♄		max. Earth dist.	-12144 Feb 02 j 20:26	17°♄16'54	1.01972 AU		
	-12149 May 20 j 01:26	0°♄			-12144 Feb 16 j 06:21	0°♄			
	-12149 Jun 18 j 22:26	0°♄			-12144 Mar 18 j 18:13	0°♄			
	-12149 Jul 18 j 09:05	0°♄			-12144 Apr 18 j 19:41	0°♄			
min. Earth dist.	-12149 Aug 05 j 01:52	18°♄08'29	0.98033 AU		-12144 May 19 j 06:53	0°♄			
	-12149 Aug 16 j 15:36	0°♄			-12144 Jun 18 j 03:56	0°♄			
	-12149 Sep 15 j 01:12	0°♄			-12144 Jul 17 j 14:34	0°♄			
	-12149 Oct 14 j 20:24	0°♄		min. Earth dist.	-12144 Aug 04 j 12:31	18°♄21'45	0.98033 AU		
	-12149 Nov 14 j 05:26	0°♄			-12144 Aug 15 j 21:03	0°♄			
	-12149 Dec 15 j 04:58	0°♄			-12144 Sep 14 j 06:36	0°♄			
	-12148 Jan 15 j 15:43	0°♄			-12144 Oct 14 j 01:45	0°♄			
max. Earth dist.	-12148 Feb 02 j 16:56	17°♄07'09	1.01964 AU		-12144 Nov 13 j 10:44	0°♄			
	-12148 Feb 16 j 07:00	0°♄			-12144 Dec 14 j 10:16	0°♄			
	-12148 Mar 18 j 18:48	0°♄			-12143 Jan 14 j 20:59	0°♄			
	-12148 Apr 18 j 20:11	0°♄		max. Earth dist.	-12143 Jan 31 j 21:49	16°♄09'33	1.01966 AU		
	-12148 May 19 j 07:18	0°♄			-12143 Feb 15 j 12:17	0°♄			
	-12148 Jun 18 j 04:17	0°♄			-12143 Mar 19 j 00:07	0°♄			
	-12148 Jul 17 j 14:54	0°♄			-12143 Apr 19 j 01:33	0°♄			
min. Earth dist.	-12148 Aug 02 j 08:18	16°♄06'39	0.98034 AU		-12143 May 19 j 12:44	0°♄			
	-12148 Aug 15 j 21:26	0°♄			-12143 Jun 18 j 09:48	0°♄			
	-12148 Sep 14 j 07:04	0°♄			-12143 Jul 17 j 20:29	0°♄			
	-12148 Oct 14 j 02:17	0°♄		min. Earth dist.	-12143 Aug 03 j 14:01	17°♄08'41	0.98031 AU		
	-12148 Nov 13 j 11:18	0°♄			-12143 Aug 16 j 03:00	0°♄			
	-12148 Dec 14 j 10:48	0°♄			-12143 Sep 14 j 12:33	0°♄			
	-12147 Jan 14 j 21:30	0°♄			-12143 Oct 14 j 07:38	0°♄			
max. Earth dist.	-12147 Feb 02 j 17:46	17°♄52'09	1.01967 AU		-12143 Nov 13 j 16:31	0°♄			
	-12147 Feb 15 j 12:46	0°♄			-12143 Dec 14 j 15:56	0°♄			
	-12147 Mar 19 j 00:35	0°♄			-12142 Jan 15 j 02:35	0°♄			
	-12147 Apr 19 j 02:00	0°♄		max. Earth dist.	-12142 Feb 03 j 15:38	18°♄31'53	1.01967 AU		

Attention, astronomical year style is used: The year -12142 in astronomical counting style is the year 12143 BCE in historical counting style.

	-12142 Feb 15 j 17:51	0°♂			-12138 Dec 14 j 21:03	0°♂	
	-12142 Mar 19 j 05:44	0°♂			-12137 Jan 15 j 07:43	0°♂	
	-12142 Apr 19 j 07:14	0°♂		max. Earth dist.	-12137 Feb 03 j 04:57	17°♂54'33	1.01965 AU
	-12142 May 19 j 18:29	0°♂			-12137 Feb 15 j 23:00	0°♂	
	-12142 Jun 18 j 15:35	0°♂			-12137 Mar 19 j 10:51	0°♂	
	-12142 Jul 18 j 02:17	0°♂			-12137 Apr 19 j 12:20	0°♂	
min. Earth dist.	-12142 Aug 03 j 08:13	16°♂38'45	0.98037 AU		-12137 May 19 j 23:35	0°♂	
	-12142 Aug 16 j 08:49	0°♂			-12137 Jun 18 j 20:40	0°♂	
	-12142 Sep 14 j 18:22	0°♂			-12137 Jul 18 j 07:21	0°♂	
	-12142 Oct 14 j 13:28	0°♂		min. Earth dist.	-12137 Aug 03 j 05:26	16°♂18'37	0.98033 AU
	-12142 Nov 13 j 22:21	0°♂			-12137 Aug 16 j 13:52	0°♂	
	-12142 Dec 14 j 21:46	0°♂			-12137 Sep 14 j 23:24	0°♂	
	-12141 Jan 15 j 08:26	0°♂			-12137 Oct 14 j 18:30	0°♂	
max. Earth dist.	-12141 Feb 02 j 03:54	16°♂53'34	1.01970 AU		-12137 Nov 14 j 03:24	0°♂	
	-12141 Feb 15 j 23:44	0°♂			-12137 Dec 15 j 02:51	0°♂	
	-12141 Mar 19 j 11:39	0°♂			-12136 Jan 15 j 13:32	0°♂	
	-12141 Apr 19 j 13:11	0°♂		max. Earth dist.	-12136 Feb 03 j 04:29	17°♂39'31	1.01971 AU
	-12141 May 20 j 00:25	0°♂			-12136 Feb 16 j 04:51	0°♂	
	-12141 Jun 18 j 21:28	0°♂			-12136 Mar 18 j 16:43	0°♂	
	-12141 Jul 18 j 08:07	0°♂			-12136 Apr 18 j 18:12	0°♂	
min. Earth dist.	-12141 Aug 05 j 06:14	18°♂22'13	0.98033 AU		-12136 May 19 j 05:25	0°♂	
	-12141 Aug 16 j 14:37	0°♂			-12136 Jun 18 j 02:29	0°♂	
	-12141 Sep 15 j 00:11	0°♂			-12136 Jul 17 j 13:09	0°♂	
	-12141 Oct 14 j 19:19	0°♂		min. Earth dist.	-12136 Aug 04 j 07:46	18°♂13'04	0.98037 AU
	-12141 Nov 14 j 04:16	0°♂			-12136 Aug 15 j 19:41	0°♂	
	-12141 Dec 15 j 03:43	0°♂			-12136 Sep 14 j 05:16	0°♂	
	-12140 Jan 15 j 14:23	0°♂			-12136 Oct 14 j 00:24	0°♂	
max. Earth dist.	-12140 Feb 02 j 12:10	16°♂59'09	1.01964 AU		-12136 Nov 13 j 09:20	0°♂	
	-12140 Feb 16 j 05:38	0°♂			-12136 Dec 14 j 08:48	0°♂	
	-12140 Mar 18 j 17:30	0°♂			-12135 Jan 14 j 19:28	0°♂	
	-12140 Apr 18 j 18:59	0°♂		max. Earth dist.	-12135 Jan 31 j 22:43	16°♂15'16	1.01967 AU
	-12140 May 19 j 06:12	0°♂			-12135 Feb 15 j 10:45	0°♂	
	-12140 Jun 18 j 03:16	0°♂			-12135 Mar 18 j 22:37	0°♂	
	-12140 Jul 17 j 13:55	0°♂			-12135 Apr 19 j 00:06	0°♂	
min. Earth dist.	-12140 Aug 02 j 15:11	16°♂26'55	0.98031 AU		-12135 May 19 j 11:19	0°♂	
	-12140 Aug 15 j 20:25	0°♂			-12135 Jun 18 j 08:24	0°♂	
	-12140 Sep 14 j 05:59	0°♂			-12135 Jul 17 j 19:04	0°♂	
	-12140 Oct 14 j 01:08	0°♂		min. Earth dist.	-12135 Aug 03 j 19:29	17°♂26'24	0.98031 AU
	-12140 Nov 13 j 10:05	0°♂			-12135 Aug 16 j 01:35	0°♂	
	-12140 Dec 14 j 09:31	0°♂			-12135 Sep 14 j 11:08	0°♂	
	-12139 Jan 14 j 20:07	0°♂			-12135 Oct 14 j 06:14	0°♂	
max. Earth dist.	-12139 Feb 03 j 02:18	18°♂15'40	1.01964 AU		-12135 Nov 13 j 15:06	0°♂	
	-12139 Feb 15 j 11:20	0°♂			-12135 Dec 14 j 14:28	0°♂	
	-12139 Mar 18 j 23:09	0°♂			-12134 Jan 15 j 01:05	0°♂	
	-12139 Apr 19 j 00:38	0°♂		max. Earth dist.	-12134 Feb 03 j 16:47	18°♂38'14	1.01966 AU
	-12139 May 19 j 11:54	0°♂			-12134 Feb 15 j 16:20	0°♂	
	-12139 Jun 18 j 09:02	0°♂			-12134 Mar 19 j 04:14	0°♂	
	-12139 Jul 17 j 19:44	0°♂			-12134 Apr 19 j 05:48	0°♂	
min. Earth dist.	-12139 Aug 03 j 21:06	17°♂28'42	0.98039 AU		-12134 May 19 j 17:07	0°♂	
	-12139 Aug 16 j 02:16	0°♂			-12134 Jun 18 j 14:14	0°♂	
	-12139 Sep 14 j 11:51	0°♂			-12134 Jul 18 j 00:55	0°♂	
	-12139 Oct 14 j 06:59	0°♂		min. Earth dist.	-12134 Aug 03 j 02:38	16°♂27'57	0.98033 AU
	-12139 Nov 13 j 15:55	0°♂			-12134 Aug 16 j 07:24	0°♂	
	-12139 Dec 14 j 15:22	0°♂			-12134 Sep 14 j 16:54	0°♂	
	-12138 Jan 15 j 02:00	0°♂			-12134 Oct 14 j 11:58	0°♂	
max. Earth dist.	-12138 Feb 01 j 08:02	16°♂21'55	1.01964 AU		-12134 Nov 13 j 20:50	0°♂	
	-12138 Feb 15 j 17:13	0°♂			-12134 Dec 14 j 20:14	0°♂	
	-12138 Mar 19 j 05:03	0°♂			-12133 Jan 15 j 06:53	0°♂	
	-12138 Apr 19 j 06:32	0°♂		max. Earth dist.	-12133 Feb 02 j 11:37	17°♂15'26	1.01971 AU
	-12138 May 19 j 17:47	0°♂			-12133 Feb 15 j 22:12	0°♂	
	-12138 Jun 18 j 14:55	0°♂			-12133 Mar 19 j 10:09	0°♂	
	-12138 Jul 18 j 01:36	0°♂			-12133 Apr 19 j 11:44	0°♂	
min. Earth dist.	-12138 Aug 04 j 17:29	18°♂06'10	0.98031 AU		-12133 May 19 j 23:03	0°♂	
	-12138 Aug 16 j 08:07	0°♂			-12133 Jun 18 j 20:10	0°♂	
	-12138 Sep 14 j 17:38	0°♂			-12133 Jul 18 j 06:49	0°♂	
	-12138 Oct 14 j 12:43	0°♂		min. Earth dist.	-12133 Aug 05 j 10:03	18°♂35'21	0.98031 AU
	-12138 Nov 13 j 21:37	0°♂			-12133 Aug 16 j 13:17	0°♂	

Attention, astronomical year style is used: The year -12133 in astronomical counting style is the year 12134 BCE in historical counting style.

	-12133 Sep 14 j 22:46	0°☾					-12128 Jul 17 j 12:11	0°♄			
	-12133 Oct 14 j 17:50	0°♌			min. Earth dist.		-12128 Aug 04 j 02:11	18°♄01'14	0.98037 AU		
	-12133 Nov 14 j 02:44	0°♍					-12128 Aug 15 j 18:41	0°♊			
	-12133 Dec 15 j 02:11	0°♋					-12128 Sep 14 j 04:14	0°☾			
	-12132 Jan 15 j 12:52	0°♌					-12128 Oct 13 j 23:21	0°♌			
max. Earth dist.	-12132 Feb 02 j 02:28	16°♌39'47	1.01966 AU				-12128 Nov 13 j 08:15	0°♍			
	-12132 Feb 16 j 04:09	0°♎					-12128 Dec 14 j 07:39	0°♋			
	-12132 Mar 18 j 16:03	0°♏					-12127 Jan 14 j 18:17	0°♌			
	-12132 Apr 18 j 17:35	0°♐			max. Earth dist.		-12127 Feb 01 j 01:37	16°♌25'02	1.01965 AU		
	-12132 May 19 j 04:53	0°♑					-12127 Feb 15 j 09:31	0°♎			
	-12132 Jun 18 j 02:02	0°♒					-12127 Mar 18 j 21:24	0°♏			
	-12132 Jul 17 j 12:43	0°♓					-12127 Apr 18 j 22:56	0°♐			
min. Earth dist.	-12132 Aug 03 j 00:58	16°♓55'05	0.98030 AU				-12127 May 19 j 10:16	0°♑			
	-12132 Aug 15 j 19:13	0°♊					-12127 Jun 18 j 07:26	0°♒			
	-12132 Sep 14 j 04:43	0°☾					-12127 Jul 17 j 18:10	0°♓			
	-12132 Oct 13 j 23:47	0°♌			min. Earth dist.		-12127 Aug 04 j 05:20	17°♓53'58	0.98031 AU		
	-12132 Nov 13 j 08:38	0°♍					-12127 Aug 16 j 00:42	0°♊			
	-12132 Dec 14 j 08:00	0°♋					-12127 Sep 14 j 10:12	0°☾			
	-12131 Jan 14 j 18:36	0°♌					-12127 Oct 14 j 05:14	0°♌			
max. Earth dist.	-12131 Feb 03 j 07:21	18°♌31'12	1.01966 AU				-12127 Nov 13 j 14:04	0°♍			
	-12131 Feb 15 j 09:51	0°♎					-12127 Dec 14 j 13:24	0°♋			
	-12131 Mar 18 j 21:44	0°♏					-12126 Jan 14 j 23:58	0°♌			
	-12131 Apr 18 j 23:17	0°♐			max. Earth dist.		-12126 Feb 03 j 13:09	18°♌32'19	1.01963 AU		
	-12131 May 19 j 10:36	0°♑					-12126 Feb 15 j 15:12	0°♎			
	-12131 Jun 18 j 07:47	0°♒					-12126 Mar 19 j 03:05	0°♏			
	-12131 Jul 17 j 18:33	0°♓					-12126 Apr 19 j 04:40	0°♐			
min. Earth dist.	-12131 Aug 03 j 14:55	17°♓15'46	0.98039 AU				-12126 May 19 j 16:02	0°♑			
	-12131 Aug 16 j 01:07	0°♊					-12126 Jun 18 j 13:15	0°♒			
	-12131 Sep 14 j 10:39	0°☾					-12126 Jul 17 j 24:00	0°♓			
	-12131 Oct 14 j 05:42	0°♌			min. Earth dist.		-12126 Aug 03 j 04:12	16°♓34'15	0.98034 AU		
	-12131 Nov 13 j 14:32	0°♍					-12126 Aug 16 j 06:31	0°♊			
	-12131 Dec 14 j 13:53	0°♋					-12126 Sep 14 j 16:00	0°☾			
	-12130 Jan 15 j 00:30	0°♌					-12126 Oct 14 j 11:01	0°♌			
max. Earth dist.	-12130 Feb 01 j 15:46	16°♌43'43	1.01967 AU				-12126 Nov 13 j 19:49	0°♍			
	-12130 Feb 15 j 15:46	0°♎					-12126 Dec 14 j 19:09	0°♋			
	-12130 Mar 19 j 03:41	0°♏					-12125 Jan 15 j 05:47	0°♌			
	-12130 Apr 19 j 05:15	0°♐			max. Earth dist.		-12125 Feb 02 j 18:55	17°♌35'18	1.01971 AU		
	-12130 May 19 j 16:35	0°♑					-12125 Feb 15 j 21:05	0°♎			
	-12130 Jun 18 j 13:45	0°♒					-12125 Mar 19 j 09:02	0°♏			
	-12130 Jul 18 j 00:29	0°♓					-12125 Apr 19 j 10:37	0°♐			
min. Earth dist.	-12130 Aug 05 j 00:02	18°♓25'49	0.98033 AU				-12125 May 19 j 21:57	0°♑			
	-12130 Aug 16 j 07:00	0°♊					-12125 Jun 18 j 19:07	0°♒			
	-12130 Sep 14 j 16:32	0°☾					-12125 Jul 18 j 05:49	0°♓			
	-12130 Oct 14 j 11:34	0°♌			min. Earth dist.		-12125 Aug 05 j 10:19	18°♓38'30	0.98035 AU		
	-12130 Nov 13 j 20:23	0°♍					-12125 Aug 16 j 12:20	0°♊			
	-12130 Dec 14 j 19:44	0°♋					-12125 Sep 14 j 21:50	0°☾			
	-12129 Jan 15 j 06:20	0°♌					-12125 Oct 14 j 16:52	0°♌			
max. Earth dist.	-12129 Feb 02 j 23:35	17°♌45'10	1.01965 AU				-12125 Nov 14 j 01:42	0°♍			
	-12129 Feb 15 j 21:37	0°♎					-12125 Dec 15 j 01:06	0°♋			
	-12129 Mar 19 j 09:33	0°♏					-12124 Jan 15 j 11:45	0°♌			
	-12129 Apr 19 j 11:08	0°♐			max. Earth dist.		-12124 Feb 01 j 21:59	16°♌31'48	1.01967 AU		
	-12129 May 19 j 22:28	0°♑					-12124 Feb 16 j 03:04	0°♎			
	-12129 Jun 18 j 19:37	0°♒					-12124 Mar 18 j 14:59	0°♏			
	-12129 Jul 18 j 06:19	0°♓					-12124 Apr 18 j 16:33	0°♐			
min. Earth dist.	-12129 Aug 03 j 08:42	16°♓29'41	0.98032 AU				-12124 May 19 j 03:51	0°♑			
	-12129 Aug 16 j 12:49	0°♊					-12124 Jun 18 j 00:59	0°♒			
	-12129 Sep 14 j 22:21	0°☾					-12124 Jul 17 j 11:42	0°♓			
	-12129 Oct 14 j 17:25	0°♌			min. Earth dist.		-12124 Aug 03 j 07:10	17°♓13'39	0.98031 AU		
	-12129 Nov 14 j 02:16	0°♍					-12124 Aug 15 j 18:13	0°♊			
	-12129 Dec 15 j 01:38	0°♋					-12124 Sep 14 j 03:44	0°☾			
	-12128 Jan 15 j 12:15	0°♌					-12124 Oct 13 j 22:47	0°♌			
max. Earth dist.	-12128 Feb 03 j 14:37	18°♌06'36	1.01968 AU				-12124 Nov 13 j 07:35	0°♍			
	-12128 Feb 16 j 03:31	0°♎					-12124 Dec 14 j 06:54	0°♋			
	-12128 Mar 18 j 15:26	0°♏					-12123 Jan 14 j 17:28	0°♌			
	-12128 Apr 18 j 17:00	0°♐			max. Earth dist.		-12123 Feb 03 j 11:37	18°♌44'01	1.01965 AU		
	-12128 May 19 j 04:20	0°♑					-12123 Feb 15 j 08:42	0°♎			
	-12128 Jun 18 j 01:28	0°♒					-12123 Mar 18 j 20:37	0°♏			

Attention, astronomical year style is used: The year -12123 in astronomical counting style is the year 12124 BCE in historical counting style.

	-12123 Apr 18 j 22:13	0°≈		max. Earth dist.	-12118 Feb 03 j 10:54	18°ℓ30'55	1.01964 AU
	-12123 May 19 j 09:34	0°✕			-12118 Feb 15 j 13:36	0°✕	
	-12123 Jun 18 j 06:44	0°Υ			-12118 Mar 19 j 01:34	0°Ξ	
	-12123 Jul 17 j 17:28	0°Ϡ			-12118 Apr 19 j 03:14	0°≈	
min. Earth dist.	-12123 Aug 03 j 04:34	16°Ϡ51'59	0.98037 AU		-12118 May 19 j 14:40	0°✕	
	-12123 Aug 15 j 23:59	0°ℓ			-12118 Jun 18 j 11:57	0°Υ	
	-12123 Sep 14 j 09:30	0°☾			-12118 Jul 17 j 22:45	0°Ϡ	
	-12123 Oct 14 j 04:33	0°Ω		min. Earth dist.	-12118 Aug 03 j 06:43	16°Ϡ43'54	0.98035 AU
	-12123 Nov 13 j 13:21	0°ℓ			-12118 Aug 16 j 05:17	0°ℓ	
	-12123 Dec 14 j 12:40	0°♁			-12118 Sep 14 j 14:46	0°☾	
	-12122 Jan 14 j 23:15	0°ℓ			-12118 Oct 14 j 09:42	0°Ω	
max. Earth dist.	-12122 Feb 01 j 23:48	17°ℓ05'39	1.01969 AU		-12118 Nov 13 j 18:23	0°ℓ	
	-12122 Feb 15 j 14:32	0°✕			-12118 Dec 14 j 17:36	0°♁	
	-12122 Mar 19 j 02:29	0°Ξ			-12117 Jan 15 j 04:08	0°ℓ	
	-12122 Apr 19 j 04:07	0°≈		max. Earth dist.	-12117 Feb 03 j 06:30	18°ℓ06'39	1.01970 AU
	-12122 May 19 j 15:32	0°✕			-12117 Feb 15 j 19:25	0°✕	
	-12122 Jun 18 j 12:43	0°Υ			-12117 Mar 19 j 07:25	0°Ξ	
	-12122 Jul 17 j 23:25	0°Ϡ			-12117 Apr 19 j 09:06	0°≈	
min. Earth dist.	-12122 Aug 05 j 04:32	18°Ϡ40'11	0.98030 AU		-12117 May 19 j 20:33	0°✕	
	-12122 Aug 16 j 05:52	0°ℓ			-12117 Jun 18 j 17:47	0°Υ	
	-12122 Sep 14 j 15:19	0°☾			-12117 Jul 18 j 04:32	0°Ϡ	
	-12122 Oct 14 j 10:18	0°Ω		min. Earth dist.	-12117 Aug 05 j 08:34	18°Ϡ37'14	0.98036 AU
	-12122 Nov 13 j 19:05	0°ℓ			-12117 Aug 16 j 11:03	0°ℓ	
	-12122 Dec 14 j 18:26	0°♁			-12117 Sep 14 j 20:33	0°☾	
	-12121 Jan 15 j 05:02	0°ℓ			-12117 Oct 14 j 15:32	0°Ω	
max. Earth dist.	-12121 Feb 02 j 12:49	17°ℓ22'49	1.01966 AU		-12117 Nov 14 j 00:18	0°ℓ	
	-12121 Feb 15 j 20:20	0°✕			-12117 Dec 14 j 23:35	0°♁	
	-12121 Mar 19 j 08:18	0°Ξ			-12116 Jan 15 j 10:09	0°ℓ	
	-12121 Apr 19 j 09:57	0°≈		max. Earth dist.	-12116 Feb 02 j 00:03	16°ℓ40'37	1.01965 AU
	-12121 May 19 j 21:21	0°✕			-12116 Feb 16 j 01:24	0°✕	
	-12121 Jun 18 j 18:34	0°Υ			-12116 Mar 18 j 13:21	0°Ξ	
	-12121 Jul 18 j 05:16	0°Ϡ			-12116 Apr 18 j 15:00	0°≈	
min. Earth dist.	-12121 Aug 03 j 16:15	16°Ϡ51'51	0.98027 AU		-12116 May 19 j 02:26	0°✕	
	-12121 Aug 16 j 11:43	0°ℓ			-12116 Jun 17 j 23:40	0°Υ	
	-12121 Sep 14 j 21:08	0°☾			-12116 Jul 17 j 10:26	0°Ϡ	
	-12121 Oct 14 j 16:06	0°Ω		min. Earth dist.	-12116 Aug 03 j 16:27	17°Ϡ40'44	0.98031 AU
	-12121 Nov 14 j 00:52	0°ℓ			-12116 Aug 15 j 16:57	0°ℓ	
	-12121 Dec 15 j 00:12	0°♁			-12116 Sep 14 j 02:27	0°☾	
	-12120 Jan 15 j 10:49	0°ℓ			-12116 Oct 13 j 21:28	0°Ω	
max. Earth dist.	-12120 Feb 03 j 21:00	18°ℓ25'07	1.01970 AU		-12116 Nov 13 j 06:13	0°ℓ	
	-12120 Feb 16 j 02:06	0°✕			-12116 Dec 14 j 05:28	0°♁	
	-12120 Mar 18 j 14:03	0°Ξ			-12115 Jan 14 j 15:57	0°ℓ	
	-12120 Apr 18 j 15:40	0°≈		max. Earth dist.	-12115 Feb 03 j 12:48	18°ℓ50'34	1.01961 AU
	-12120 May 19 j 03:05	0°✕			-12115 Feb 15 j 07:07	0°✕	
	-12120 Jun 18 j 00:18	0°Υ			-12115 Mar 18 j 19:00	0°Ξ	
	-12120 Jul 17 j 11:03	0°Ϡ			-12115 Apr 18 j 20:38	0°≈	
min. Earth dist.	-12120 Aug 03 j 22:10	17°Ϡ53'44	0.98036 AU		-12115 May 19 j 08:06	0°✕	
	-12120 Aug 15 j 17:33	0°ℓ			-12115 Jun 18 j 05:23	0°Υ	
	-12120 Sep 14 j 03:01	0°☾			-12115 Jul 17 j 16:13	0°Ϡ	
	-12120 Oct 13 j 22:00	0°Ω		min. Earth dist.	-12115 Aug 03 j 03:14	16°Ϡ51'42	0.98038 AU
	-12120 Nov 13 j 06:46	0°ℓ			-12115 Aug 15 j 22:46	0°ℓ	
	-12120 Dec 14 j 06:06	0°♁			-12115 Sep 14 j 08:16	0°☾	
	-12119 Jan 14 j 16:43	0°ℓ			-12115 Oct 14 j 03:15	0°Ω	
max. Earth dist.	-12119 Feb 01 j 06:40	16°ℓ40'39	1.01968 AU		-12115 Nov 13 j 12:00	0°ℓ	
	-12119 Feb 15 j 08:00	0°✕			-12115 Dec 14 j 11:15	0°♁	
	-12119 Mar 18 j 19:56	0°Ξ			-12114 Jan 14 j 21:47	0°ℓ	
	-12119 Apr 18 j 21:33	0°≈		max. Earth dist.	-12114 Feb 02 j 07:02	17°ℓ26'16	1.01966 AU
	-12119 May 19 j 08:57	0°✕			-12114 Feb 15 j 13:01	0°✕	
	-12119 Jun 18 j 06:12	0°Υ			-12114 Mar 19 j 00:56	0°Ξ	
	-12119 Jul 17 j 17:00	0°Ϡ			-12114 Apr 19 j 02:35	0°≈	
min. Earth dist.	-12119 Aug 04 j 14:59	18°Ϡ21'42	0.98032 AU		-12114 May 19 j 14:03	0°✕	
	-12119 Aug 15 j 23:32	0°ℓ			-12114 Jun 18 j 11:20	0°Υ	
	-12119 Sep 14 j 09:00	0°☾			-12114 Jul 17 j 22:08	0°Ϡ	
	-12119 Oct 14 j 03:56	0°Ω		min. Earth dist.	-12114 Aug 05 j 09:12	18°Ϡ55'20	0.98035 AU
	-12119 Nov 13 j 12:36	0°ℓ			-12114 Aug 16 j 04:39	0°ℓ	
	-12119 Dec 14 j 11:49	0°♁			-12114 Sep 14 j 14:06	0°☾	
	-12118 Jan 14 j 22:21	0°ℓ			-12114 Oct 14 j 09:03	0°Ω	

Attention, astronomical year style is used: The year -12114 in astronomical counting style is the year 12115 BCE in historical counting style.

	-12114 Nov 13 j 17:47	0° \mathbb{M}					-12109 Aug 16 j 10:02	0° \mathbb{I}			
	-12114 Dec 14 j 17:04	0° \mathbb{L}					-12109 Sep 14 j 19:26	0° \mathbb{G}			
	-12113 Jan 15 j 03:39	0° \mathbb{M}					-12109 Oct 14 j 14:19	0° \mathbb{O}			
max. Earth dist.	-12113 Feb 02 j 02:28	17° \mathbb{M} 01'39	1.01965 AU				-12109 Nov 13 j 23:01	0° \mathbb{M}			
	-12113 Feb 15 j 18:56	0° \mathbb{J}					-12109 Dec 14 j 22:18	0° \mathbb{L}			
	-12113 Mar 19 j 06:54	0° \mathbb{Z}					-12108 Jan 15 j 08:54	0° \mathbb{M}			
	-12113 Apr 19 j 08:32	0° \mathbb{A}				max. Earth dist.	-12108 Feb 02 j 00:48	16° \mathbb{M} 45'14	1.01970 AU		
	-12113 May 19 j 19:57	0° \mathbb{H}					-12108 Feb 16 j 00:13	0° \mathbb{J}			
	-12113 Jun 18 j 17:12	0° \mathbb{Y}					-12108 Mar 18 j 12:14	0° \mathbb{Z}			
	-12113 Jul 18 j 03:58	0° \mathbb{B}					-12108 Apr 18 j 13:58	0° \mathbb{A}			
min. Earth dist.	-12113 Aug 03 j 21:44	17° \mathbb{B} 09'11	0.98031 AU				-12108 May 19 j 01:28	0° \mathbb{H}			
	-12113 Aug 16 j 10:30	0° \mathbb{I}					-12108 Jun 17 j 22:46	0° \mathbb{Y}			
	-12113 Sep 14 j 19:58	0° \mathbb{G}					-12108 Jul 17 j 09:33	0° \mathbb{B}			
	-12113 Oct 14 j 14:55	0° \mathbb{O}				min. Earth dist.	-12108 Aug 04 j 02:56	18° \mathbb{B} 09'54	0.98029 AU		
	-12113 Nov 13 j 23:39	0° \mathbb{M}					-12108 Aug 15 j 16:03	0° \mathbb{I}			
	-12113 Dec 14 j 22:56	0° \mathbb{L}					-12108 Sep 14 j 01:28	0° \mathbb{G}			
	-12112 Jan 15 j 09:30	0° \mathbb{M}					-12108 Oct 13 j 20:21	0° \mathbb{O}			
max. Earth dist.	-12112 Feb 04 j 02:02	18° \mathbb{M} 40'09	1.01968 AU				-12108 Nov 13 j 04:59	0° \mathbb{M}			
	-12112 Feb 16 j 00:47	0° \mathbb{J}					-12108 Dec 14 j 04:10	0° \mathbb{L}			
	-12112 Mar 18 j 12:44	0° \mathbb{Z}					-12107 Jan 14 j 14:40	0° \mathbb{M}			
	-12112 Apr 18 j 14:22	0° \mathbb{A}				max. Earth dist.	-12107 Feb 03 j 11:40	18° \mathbb{M} 50'53	1.01964 AU		
	-12112 May 19 j 01:46	0° \mathbb{H}					-12107 Feb 15 j 05:54	0° \mathbb{J}			
	-12112 Jun 17 j 23:00	0° \mathbb{Y}					-12107 Mar 18 j 17:52	0° \mathbb{Z}			
	-12112 Jul 17 j 09:45	0° \mathbb{B}					-12107 Apr 18 j 19:35	0° \mathbb{A}			
min. Earth dist.	-12112 Aug 03 j 08:02	17° \mathbb{B} 20'42	0.98038 AU				-12107 May 19 j 07:06	0° \mathbb{H}			
	-12112 Aug 15 j 16:17	0° \mathbb{I}					-12107 Jun 18 j 04:28	0° \mathbb{Y}			
	-12112 Sep 14 j 01:48	0° \mathbb{G}					-12107 Jul 17 j 15:20	0° \mathbb{B}			
	-12112 Oct 13 j 20:48	0° \mathbb{O}				min. Earth dist.	-12107 Aug 03 j 04:07	16° \mathbb{B} 56'11	0.98037 AU		
	-12112 Nov 13 j 05:33	0° \mathbb{M}					-12107 Aug 15 j 21:54	0° \mathbb{I}			
	-12112 Dec 14 j 04:51	0° \mathbb{L}					-12107 Sep 14 j 07:21	0° \mathbb{G}			
	-12111 Jan 14 j 15:26	0° \mathbb{M}					-12107 Oct 14 j 02:13	0° \mathbb{O}			
max. Earth dist.	-12111 Feb 01 j 12:32	16° \mathbb{M} 57'31	1.01969 AU				-12107 Nov 13 j 10:50	0° \mathbb{M}			
	-12111 Feb 15 j 06:44	0° \mathbb{J}					-12107 Dec 14 j 09:59	0° \mathbb{L}			
	-12111 Mar 18 j 18:43	0° \mathbb{Z}					-12106 Jan 14 j 20:27	0° \mathbb{M}			
	-12111 Apr 18 j 20:23	0° \mathbb{A}				max. Earth dist.	-12106 Feb 02 j 18:38	17° \mathbb{M} 56'48	1.01968 AU		
	-12111 May 19 j 07:49	0° \mathbb{H}					-12106 Feb 15 j 11:43	0° \mathbb{J}			
	-12111 Jun 18 j 05:02	0° \mathbb{Y}					-12106 Mar 18 j 23:44	0° \mathbb{Z}			
	-12111 Jul 17 j 15:48	0° \mathbb{B}					-12106 Apr 19 j 01:30	0° \mathbb{A}			
min. Earth dist.	-12111 Aug 04 j 18:21	18° \mathbb{B} 33'30	0.98031 AU				-12106 May 19 j 13:03	0° \mathbb{H}			
	-12111 Aug 15 j 22:18	0° \mathbb{I}					-12106 Jun 18 j 10:23	0° \mathbb{Y}			
	-12111 Sep 14 j 07:45	0° \mathbb{G}					-12106 Jul 17 j 21:13	0° \mathbb{B}			
	-12111 Oct 14 j 02:42	0° \mathbb{O}				min. Earth dist.	-12106 Aug 05 j 10:42	19° \mathbb{B} 01'29	0.98035 AU		
	-12111 Nov 13 j 11:23	0° \mathbb{M}					-12106 Aug 16 j 03:44	0° \mathbb{I}			
	-12111 Dec 14 j 10:37	0° \mathbb{L}					-12106 Sep 14 j 13:10	0° \mathbb{G}			
	-12110 Jan 14 j 21:09	0° \mathbb{M}					-12106 Oct 14 j 08:02	0° \mathbb{O}			
max. Earth dist.	-12110 Feb 03 j 00:28	18° \mathbb{M} 09'05	1.01965 AU				-12106 Nov 13 j 16:40	0° \mathbb{M}			
	-12110 Feb 15 j 12:25	0° \mathbb{J}					-12106 Dec 14 j 15:50	0° \mathbb{L}			
	-12110 Mar 19 j 00:25	0° \mathbb{Z}					-12105 Jan 15 j 02:20	0° \mathbb{M}			
	-12110 Apr 19 j 02:09	0° \mathbb{A}				max. Earth dist.	-12105 Feb 02 j 02:40	17° \mathbb{M} 05'17	1.01966 AU		
	-12110 May 19 j 13:39	0° \mathbb{H}					-12105 Feb 15 j 17:37	0° \mathbb{J}			
	-12110 Jun 18 j 10:56	0° \mathbb{Y}					-12105 Mar 19 j 05:39	0° \mathbb{Z}			
	-12110 Jul 17 j 21:41	0° \mathbb{B}					-12105 Apr 19 j 07:24	0° \mathbb{A}			
min. Earth dist.	-12110 Aug 03 j 09:26	16° \mathbb{B} 53'42	0.98029 AU				-12105 May 19 j 18:56	0° \mathbb{H}			
	-12110 Aug 16 j 04:10	0° \mathbb{I}					-12105 Jun 18 j 16:15	0° \mathbb{Y}			
	-12110 Sep 14 j 13:34	0° \mathbb{G}					-12105 Jul 18 j 03:03	0° \mathbb{B}			
	-12110 Oct 14 j 08:28	0° \mathbb{O}				min. Earth dist.	-12105 Aug 04 j 06:11	17° \mathbb{B} 33'16	0.98031 AU		
	-12110 Nov 13 j 17:09	0° \mathbb{M}					-12105 Aug 16 j 09:35	0° \mathbb{I}			
	-12110 Dec 14 j 16:23	0° \mathbb{L}					-12105 Sep 14 j 19:01	0° \mathbb{G}			
	-12109 Jan 15 j 02:56	0° \mathbb{M}					-12105 Oct 14 j 13:55	0° \mathbb{O}			
max. Earth dist.	-12109 Feb 03 j 12:56	18° \mathbb{M} 24'40	1.01972 AU				-12105 Nov 13 j 22:34	0° \mathbb{M}			
	-12109 Feb 15 j 18:14	0° \mathbb{J}					-12105 Dec 14 j 21:45	0° \mathbb{L}			
	-12109 Mar 19 j 06:17	0° \mathbb{Z}					-12104 Jan 15 j 08:13	0° \mathbb{M}			
	-12109 Apr 19 j 08:02	0° \mathbb{A}				max. Earth dist.	-12104 Feb 04 j 08:42	18° \mathbb{M} 59'05	1.01965 AU		
	-12109 May 19 j 19:33	0° \mathbb{H}					-12104 Feb 15 j 23:26	0° \mathbb{J}			
	-12109 Jun 18 j 16:50	0° \mathbb{Y}					-12104 Mar 18 j 11:24	0° \mathbb{Z}			
	-12109 Jul 18 j 03:35	0° \mathbb{B}					-12104 Apr 18 j 13:08	0° \mathbb{A}			
min. Earth dist.	-12109 Aug 05 j 05:54	18° \mathbb{B} 32'51	0.98032 AU				-12104 May 19 j 00:39	0° \mathbb{H}			

Attention, astronomical year style is used: The year -12104 in astronomical counting style is the year 12105 BCE in historical counting style.

	-12104 Jun 17 j 21:59	0°Υ					-12099 Mar 18 j 16:29	0°Ξ			
	-12104 Jul 17 j 08:48	0°Ϡ					-12099 Apr 18 j 18:14	0°≈			
min. Earth dist.	-12104 Aug 03 j 03:58	17°Ϡ12'40	0.98038 AU				-12099 May 19 j 05:47	0°Ϡ			
	-12104 Aug 15 j 15:20	0°Π					-12099 Jun 18 j 03:07	0°Υ			
	-12104 Sep 14 j 00:48	0°Ϡ					-12099 Jul 17 j 13:57	0°Ϡ			
	-12104 Oct 13 j 19:44	0°Ω				min. Earth dist.	-12099 Aug 03 j 01:46	16°Ϡ53'47	0.98034 AU		
	-12104 Nov 13 j 04:25	0°Ϡ					-12099 Aug 15 j 20:29	0°Π			
	-12104 Dec 14 j 03:38	0°Ϡ					-12099 Sep 14 j 05:55	0°Ϡ			
	-12103 Jan 14 j 14:08	0°Ϡ					-12099 Oct 14 j 00:48	0°Ω			
max. Earth dist.	-12103 Feb 01 j 20:04	17°Ϡ18'30	1.01966 AU				-12099 Nov 13 j 09:25	0°Ϡ			
	-12103 Feb 15 j 05:22	0°Ϡ					-12099 Dec 14 j 08:33	0°Ϡ			
	-12103 Mar 18 j 17:19	0°Ξ					-12098 Jan 14 j 19:00	0°Ϡ			
	-12103 Apr 18 j 19:02	0°≈				max. Earth dist.	-12098 Feb 03 j 02:27	18°Ϡ18'45	1.01969 AU		
	-12103 May 19 j 06:34	0°Ϡ					-12098 Feb 15 j 10:15	0°Ϡ			
	-12103 Jun 18 j 03:55	0°Υ					-12098 Mar 18 j 22:18	0°Ξ			
	-12103 Jul 17 j 14:46	0°Ϡ					-12098 Apr 19 j 00:07	0°≈			
min. Earth dist.	-12103 Aug 05 j 03:08	18°Ϡ58'34	0.98034 AU				-12098 May 19 j 11:43	0°Ϡ			
	-12103 Aug 15 j 21:19	0°Π					-12098 Jun 18 j 09:04	0°Υ			
	-12103 Sep 14 j 06:44	0°Ϡ					-12098 Jul 17 j 19:52	0°Ϡ			
	-12103 Oct 14 j 01:36	0°Ω				min. Earth dist.	-12098 Aug 05 j 07:26	18°Ϡ56'36	0.98032 AU		
	-12103 Nov 13 j 10:13	0°Ϡ					-12098 Aug 16 j 02:19	0°Π			
	-12103 Dec 14 j 09:23	0°Ϡ					-12098 Sep 14 j 11:41	0°Ϡ			
	-12102 Jan 14 j 19:51	0°Ϡ					-12098 Oct 14 j 06:31	0°Ω			
max. Earth dist.	-12102 Feb 02 j 11:49	17°Ϡ42'18	1.01962 AU				-12098 Nov 13 j 15:07	0°Ϡ			
	-12102 Feb 15 j 11:05	0°Ϡ					-12098 Dec 14 j 14:19	0°Ϡ			
	-12102 Mar 18 j 23:03	0°Ξ					-12097 Jan 15 j 00:50	0°Ϡ			
	-12102 Apr 19 j 00:46	0°≈				max. Earth dist.	-12097 Feb 01 j 22:23	16°Ϡ58'40	1.01968 AU		
	-12102 May 19 j 12:19	0°Ϡ					-12097 Feb 15 j 16:09	0°Ϡ			
	-12102 Jun 18 j 09:42	0°Υ					-12097 Mar 19 j 04:13	0°Ξ			
	-12102 Jul 17 j 20:34	0°Ϡ					-12097 Apr 19 j 06:02	0°≈			
min. Earth dist.	-12102 Aug 03 j 16:21	17°Ϡ14'17	0.98033 AU				-12097 May 19 j 17:38	0°Ϡ			
	-12102 Aug 16 j 03:06	0°Π					-12097 Jun 18 j 15:00	0°Υ			
	-12102 Sep 14 j 12:31	0°Ϡ					-12097 Jul 18 j 01:48	0°Ϡ			
	-12102 Oct 14 j 07:22	0°Ω				min. Earth dist.	-12097 Aug 04 j 15:59	18°Ϡ01'43	0.98027 AU		
	-12102 Nov 13 j 15:57	0°Ϡ					-12097 Aug 16 j 08:16	0°Π			
	-12102 Dec 14 j 15:06	0°Ϡ					-12097 Sep 14 j 17:37	0°Ϡ			
	-12101 Jan 15 j 01:36	0°Ϡ					-12097 Oct 14 j 12:26	0°Ω			
max. Earth dist.	-12101 Feb 03 j 18:53	18°Ϡ41'59	1.01969 AU				-12097 Nov 13 j 21:01	0°Ϡ			
	-12101 Feb 15 j 16:52	0°Ϡ					-12097 Dec 14 j 20:11	0°Ϡ			
	-12101 Mar 19 j 04:53	0°Ξ					-12096 Jan 15 j 06:41	0°Ϡ			
	-12101 Apr 19 j 06:37	0°≈				max. Earth dist.	-12096 Feb 04 j 07:42	19°Ϡ00'21	1.01967 AU		
	-12101 May 19 j 18:08	0°Ϡ					-12096 Feb 15 j 21:56	0°Ϡ			
	-12101 Jun 18 j 15:28	0°Υ					-12096 Mar 18 j 09:57	0°Ξ			
	-12101 Jul 18 j 02:17	0°Ϡ					-12096 Apr 18 j 11:44	0°≈			
min. Earth dist.	-12101 Aug 04 j 19:23	18°Ϡ09'03	0.98037 AU				-12096 May 18 j 23:19	0°Ϡ			
	-12101 Aug 16 j 08:48	0°Π					-12096 Jun 17 j 20:42	0°Υ			
	-12101 Sep 14 j 18:14	0°Ϡ					-12096 Jul 17 j 07:34	0°Ϡ			
	-12101 Oct 14 j 13:08	0°Ω				min. Earth dist.	-12096 Aug 03 j 02:12	17°Ϡ11'17	0.98035 AU		
	-12101 Nov 13 j 21:46	0°Ϡ					-12096 Aug 15 j 14:05	0°Π			
	-12101 Dec 14 j 20:59	0°Ϡ					-12096 Sep 13 j 23:28	0°Ϡ			
	-12100 Jan 15 j 07:32	0°Ϡ					-12096 Oct 13 j 18:18	0°Ω			
max. Earth dist.	-12100 Feb 02 j 04:54	16°Ϡ58'12	1.01970 AU				-12096 Nov 13 j 02:52	0°Ϡ			
	-12100 Feb 15 j 22:50	0°Ϡ					-12096 Dec 14 j 02:01	0°Ϡ			
	-12100 Mar 18 j 10:51	0°Ξ					-12095 Jan 14 j 12:31	0°Ϡ			
	-12100 Apr 18 j 12:35	0°≈				max. Earth dist.	-12095 Feb 02 j 04:37	17°Ϡ42'25	1.01970 AU		
	-12100 May 19 j 00:05	0°Ϡ					-12095 Feb 15 j 03:49	0°Ϡ			
	-12100 Jun 17 j 21:23	0°Υ					-12095 Mar 18 j 15:52	0°Ξ			
	-12100 Jul 17 j 08:11	0°Ϡ					-12095 Apr 18 j 17:39	0°≈			
min. Earth dist.	-12100 Aug 04 j 06:53	18°Ϡ23'34	0.98032 AU				-12095 May 19 j 05:15	0°Ϡ			
	-12100 Aug 15 j 14:43	0°Π					-12095 Jun 18 j 02:40	0°Υ			
	-12100 Sep 14 j 00:10	0°Ϡ					-12095 Jul 17 j 13:33	0°Ϡ			
	-12100 Oct 13 j 19:04	0°Ω				min. Earth dist.	-12095 Aug 05 j 08:00	19°Ϡ14'10	0.98035 AU		
	-12100 Nov 13 j 03:42	0°Ϡ					-12095 Aug 15 j 20:05	0°Π			
	-12100 Dec 14 j 02:50	0°Ϡ					-12095 Sep 14 j 05:28	0°Ϡ			
	-12099 Jan 14 j 13:17	0°Ϡ					-12095 Oct 14 j 00:15	0°Ω			
max. Earth dist.	-12099 Feb 03 j 06:46	18°Ϡ42'38	1.01963 AU				-12095 Nov 13 j 08:46	0°Ϡ			
	-12099 Feb 15 j 04:30	0°Ϡ					-12095 Dec 14 j 07:50	0°Ϡ			

Attention, astronomical year style is used: The year -12094 in astronomical counting style is the year 12095 BCE in historical counting style.

	-12094 Jan 14 j 18:16	0° \mathbb{M}					-12090 Oct 14 j 05:32	0° Ω			
max. Earth dist.	-12094 Feb 02 j 07:03	17° \mathbb{M} 34'46	1.01965 AU				-12090 Nov 13 j 14:03	0° \mathbb{M}			
	-12094 Feb 15 j 09:33	0° \mathbb{A}					-12090 Dec 14 j 13:10	0° \mathbb{A}			
	-12094 Mar 18 j 21:38	0° \mathbb{B}					-12089 Jan 14 j 23:40	0° \mathbb{M}			
	-12094 Apr 18 j 23:28	0° \approx			max. Earth dist.	-12089 Feb 01 j 23:18	17° \mathbb{M} 03'37	1.01968 AU			
	-12094 May 19 j 11:06	0° \mathbb{H}				-12089 Feb 15 j 14:58	0° \mathbb{A}				
	-12094 Jun 18 j 08:31	0° \mathbb{Y}				-12089 Mar 19 j 03:03	0° \mathbb{B}				
	-12094 Jul 17 j 19:24	0° \mathbb{B}				-12089 Apr 19 j 04:52	0° \approx				
min. Earth dist.	-12094 Aug 03 j 22:39	17° \mathbb{B} 33'26	0.98031 AU			-12089 May 19 j 16:30	0° \mathbb{H}				
	-12094 Aug 16 j 01:56	0° \mathbb{I}				-12089 Jun 18 j 13:54	0° \mathbb{Y}				
	-12094 Sep 14 j 11:20	0° \mathbb{B}				-12089 Jul 18 j 00:47	0° \mathbb{B}				
	-12094 Oct 14 j 06:07	0° Ω			min. Earth dist.	-12089 Aug 04 j 23:29	18° \mathbb{B} 23'31	0.98031 AU			
	-12094 Nov 13 j 14:37	0° \mathbb{M}				-12089 Aug 16 j 07:19	0° \mathbb{I}				
	-12094 Dec 14 j 13:40	0° \mathbb{A}				-12089 Sep 14 j 16:42	0° \mathbb{B}				
	-12093 Jan 15 j 00:05	0° \mathbb{M}				-12089 Oct 14 j 11:30	0° Ω				
max. Earth dist.	-12093 Feb 04 j 04:21	19° \mathbb{M} 08'01	1.01969 AU			-12089 Nov 13 j 20:01	0° \mathbb{M}				
	-12093 Feb 15 j 15:21	0° \mathbb{A}				-12089 Dec 14 j 19:07	0° \mathbb{A}				
	-12093 Mar 19 j 03:27	0° \mathbb{B}				-12088 Jan 15 j 05:33	0° \mathbb{M}				
	-12093 Apr 19 j 05:18	0° \approx			max. Earth dist.	-12088 Feb 04 j 06:29	19° \mathbb{M} 00'11	1.01965 AU			
	-12093 May 19 j 16:56	0° \mathbb{H}				-12088 Feb 15 j 20:48	0° \mathbb{A}				
	-12093 Jun 18 j 14:20	0° \mathbb{Y}				-12088 Mar 18 j 08:50	0° \mathbb{B}				
	-12093 Jul 18 j 01:10	0° \mathbb{B}				-12088 Apr 18 j 10:39	0° \approx				
min. Earth dist.	-12093 Aug 04 j 09:44	17° \mathbb{B} 47'05	0.98036 AU			-12088 May 18 j 22:14	0° \mathbb{H}				
	-12093 Aug 16 j 07:40	0° \mathbb{I}				-12088 Jun 17 j 19:38	0° \mathbb{Y}				
	-12093 Sep 14 j 17:04	0° \mathbb{B}				-12088 Jul 17 j 06:30	0° \mathbb{B}				
	-12093 Oct 14 j 11:54	0° Ω			min. Earth dist.	-12088 Aug 02 j 21:00	17° \mathbb{B} 00'37	0.98036 AU			
	-12093 Nov 13 j 20:29	0° \mathbb{M}				-12088 Aug 15 j 13:03	0° \mathbb{I}				
	-12093 Dec 14 j 19:37	0° \mathbb{A}				-12088 Sep 13 j 22:28	0° \mathbb{B}				
	-12092 Jan 15 j 06:06	0° \mathbb{M}				-12088 Oct 13 j 17:18	0° Ω				
max. Earth dist.	-12092 Feb 02 j 12:48	17° \mathbb{M} 20'20	1.01969 AU			-12088 Nov 13 j 01:52	0° \mathbb{M}				
	-12092 Feb 15 j 21:22	0° \mathbb{A}				-12088 Dec 14 j 00:57	0° \mathbb{A}				
	-12092 Mar 18 j 09:26	0° \mathbb{B}				-12087 Jan 14 j 11:23	0° \mathbb{M}				
	-12092 Apr 18 j 11:17	0° \approx			max. Earth dist.	-12087 Feb 02 j 14:09	18° \mathbb{M} 07'40	1.01969 AU			
	-12092 May 18 j 22:55	0° \mathbb{H}				-12087 Feb 15 j 02:40	0° \mathbb{A}				
	-12092 Jun 17 j 20:20	0° \mathbb{Y}				-12087 Mar 18 j 14:44	0° \mathbb{B}				
	-12092 Jul 17 j 07:11	0° \mathbb{B}				-12087 Apr 18 j 16:35	0° \approx				
min. Earth dist.	-12092 Aug 04 j 15:46	18° \mathbb{B} 48'53	0.98031 AU			-12087 May 19 j 04:13	0° \mathbb{H}				
	-12092 Aug 15 j 13:42	0° \mathbb{I}				-12087 Jun 18 j 01:39	0° \mathbb{Y}				
	-12092 Sep 13 j 23:06	0° \mathbb{B}				-12087 Jul 17 j 12:31	0° \mathbb{B}				
	-12092 Oct 13 j 17:56	0° Ω			min. Earth dist.	-12087 Aug 05 j 06:27	19° \mathbb{B} 12'53	0.98034 AU			
	-12092 Nov 13 j 02:30	0° \mathbb{M}				-12087 Aug 15 j 19:01	0° \mathbb{I}				
	-12092 Dec 14 j 01:35	0° \mathbb{A}				-12087 Sep 14 j 04:23	0° \mathbb{B}				
	-12091 Jan 14 j 11:58	0° \mathbb{M}				-12087 Oct 13 j 23:09	0° Ω				
max. Earth dist.	-12091 Feb 02 j 22:07	18° \mathbb{M} 25'23	1.01960 AU			-12087 Nov 13 j 07:39	0° \mathbb{M}				
	-12091 Feb 15 j 03:09	0° \mathbb{A}				-12087 Dec 14 j 06:43	0° \mathbb{A}				
	-12091 Mar 18 j 15:09	0° \mathbb{B}				-12086 Jan 14 j 17:08	0° \mathbb{M}				
	-12091 Apr 18 j 16:57	0° \approx			max. Earth dist.	-12086 Feb 02 j 01:06	17° \mathbb{M} 23'27	1.01965 AU			
	-12091 May 19 j 04:36	0° \mathbb{H}				-12086 Feb 15 j 08:23	0° \mathbb{A}				
	-12091 Jun 18 j 02:04	0° \mathbb{Y}				-12086 Mar 18 j 20:29	0° \mathbb{B}				
	-12091 Jul 17 j 13:00	0° \mathbb{B}				-12086 Apr 18 j 22:23	0° \approx				
min. Earth dist.	-12091 Aug 03 j 09:16	17° \mathbb{B} 15'24	0.98034 AU			-12086 May 19 j 10:05	0° \mathbb{H}				
	-12091 Aug 15 j 19:33	0° \mathbb{I}				-12086 Jun 18 j 07:33	0° \mathbb{Y}				
	-12091 Sep 14 j 04:57	0° \mathbb{B}				-12086 Jul 17 j 18:25	0° \mathbb{B}				
	-12091 Oct 13 j 23:45	0° Ω			min. Earth dist.	-12086 Aug 04 j 06:04	17° \mathbb{B} 55'06	0.98028 AU			
	-12091 Nov 13 j 08:17	0° \mathbb{M}				-12086 Aug 16 j 00:54	0° \mathbb{I}				
	-12091 Dec 14 j 07:21	0° \mathbb{A}				-12086 Sep 14 j 10:14	0° \mathbb{B}				
	-12090 Jan 14 j 17:45	0° \mathbb{M}				-12086 Oct 14 j 04:58	0° Ω				
max. Earth dist.	-12090 Feb 03 j 09:33	18° \mathbb{M} 38'33	1.01967 AU			-12086 Nov 13 j 13:26	0° \mathbb{M}				
	-12090 Feb 15 j 08:59	0° \mathbb{A}				-12086 Dec 14 j 12:29	0° \mathbb{A}				
	-12090 Mar 18 j 21:01	0° \mathbb{B}				-12085 Jan 14 j 22:54	0° \mathbb{M}				
	-12090 Apr 18 j 22:51	0° \approx			max. Earth dist.	-12085 Feb 04 j 07:11	19° \mathbb{M} 17'35	1.01969 AU			
	-12090 May 19 j 10:30	0° \mathbb{H}				-12085 Feb 15 j 14:09	0° \mathbb{A}				
	-12090 Jun 18 j 07:58	0° \mathbb{Y}				-12085 Mar 19 j 02:15	0° \mathbb{B}				
	-12090 Jul 17 j 18:52	0° \mathbb{B}				-12085 Apr 19 j 04:09	0° \approx				
min. Earth dist.	-12090 Aug 05 j 05:54	18° \mathbb{B} 55'04	0.98036 AU			-12085 May 19 j 15:51	0° \mathbb{H}				
	-12090 Aug 16 j 01:23	0° \mathbb{I}				-12085 Jun 18 j 13:18	0° \mathbb{Y}				
	-12090 Sep 14 j 10:45	0° \mathbb{B}				-12085 Jul 18 j 00:10	0° \mathbb{B}				

Attention, astronomical year style is used: The year -12085 in astronomical counting style is the year 12086 BCE in historical counting style.

min. Earth dist.	-12085 Aug 04 j 04:52	17° ♁ 37'06	0.98033 AU			-12080 May 18 j 20:53	0° ♁		
	-12085 Aug 16 j 06:39	0° ♁				-12080 Jun 17 j 18:22	0° ♁		
	-12085 Sep 14 j 15:59	0° ♁				-12080 Jul 17 j 05:18	0° ♁		
	-12085 Oct 14 j 10:43	0° ♁		min. Earth dist.		-12080 Aug 02 j 23:57	17° ♁ 11'17	0.98035 AU	
	-12085 Nov 13 j 19:13	0° ♁				-12080 Aug 15 j 11:50	0° ♁		
	-12085 Dec 14 j 18:18	0° ♁				-12080 Sep 13 j 21:12	0° ♁		
	-12084 Jan 15 j 04:47	0° ♁				-12080 Oct 13 j 15:59	0° ♁		
max. Earth dist.	-12084 Feb 02 j 18:42	17° ♁ 37'20	1.01971 AU			-12080 Nov 13 j 00:29	0° ♁		
	-12084 Feb 15 j 20:05	0° ♁				-12080 Dec 13 j 23:30	0° ♁		
	-12084 Mar 18 j 08:11	0° ♁				-12079 Jan 14 j 09:53	0° ♁		
	-12084 Apr 18 j 10:04	0° ♁		max. Earth dist.		-12079 Feb 02 j 22:13	18° ♁ 30'22	1.01967 AU	
	-12084 May 18 j 21:46	0° ♁				-12079 Feb 15 j 01:07	0° ♁		
	-12084 Jun 17 j 19:14	0° ♁				-12079 Mar 18 j 13:10	0° ♁		
	-12084 Jul 17 j 06:08	0° ♁				-12079 Apr 18 j 15:03	0° ♁		
min. Earth dist.	-12084 Aug 04 j 23:28	19° ♁ 11'19	0.98032 AU			-12079 May 19 j 02:46	0° ♁		
	-12084 Aug 15 j 12:39	0° ♁				-12079 Jun 18 j 00:18	0° ♁		
	-12084 Sep 13 j 22:00	0° ♁				-12079 Jul 17 j 11:15	0° ♁		
	-12084 Oct 13 j 16:44	0° ♁		min. Earth dist.		-12079 Aug 05 j 07:56	19° ♁ 19'50	0.98036 AU	
	-12084 Nov 13 j 01:12	0° ♁				-12079 Aug 15 j 17:47	0° ♁		
	-12084 Dec 14 j 00:12	0° ♁				-12079 Sep 14 j 03:06	0° ♁		
	-12083 Jan 14 j 10:34	0° ♁				-12079 Oct 13 j 21:48	0° ♁		
max. Earth dist.	-12083 Feb 02 j 11:28	18° ♁ 03'30	1.01962 AU			-12079 Nov 13 j 06:14	0° ♁		
	-12083 Feb 15 j 01:48	0° ♁				-12079 Dec 14 j 05:14	0° ♁		
	-12083 Mar 18 j 13:51	0° ♁				-12078 Jan 14 j 15:38	0° ♁		
	-12083 Apr 18 j 15:42	0° ♁		max. Earth dist.		-12078 Feb 01 j 20:33	17° ♁ 16'13	1.01965 AU	
	-12083 May 19 j 03:24	0° ♁				-12078 Feb 15 j 06:53	0° ♁		
	-12083 Jun 18 j 00:55	0° ♁				-12078 Mar 18 j 18:59	0° ♁		
	-12083 Jul 17 j 11:53	0° ♁				-12078 Apr 18 j 20:54	0° ♁		
min. Earth dist.	-12083 Aug 03 j 14:54	17° ♁ 32'43	0.98035 AU			-12078 May 19 j 08:38	0° ♁		
	-12083 Aug 15 j 18:28	0° ♁				-12078 Jun 18 j 06:10	0° ♁		
	-12083 Sep 14 j 03:50	0° ♁				-12078 Jul 17 j 17:07	0° ♁		
	-12083 Oct 13 j 22:34	0° ♁		min. Earth dist.		-12078 Aug 04 j 15:05	18° ♁ 21'31	0.98031 AU	
	-12083 Nov 13 j 06:59	0° ♁				-12078 Aug 15 j 23:39	0° ♁		
	-12083 Dec 14 j 05:57	0° ♁				-12078 Sep 14 j 08:59	0° ♁		
	-12082 Jan 14 j 16:17	0° ♁				-12078 Oct 14 j 03:40	0° ♁		
max. Earth dist.	-12082 Feb 03 j 19:04	19° ♁ 04'34	1.01967 AU			-12078 Nov 13 j 12:04	0° ♁		
	-12082 Feb 15 j 07:30	0° ♁				-12078 Dec 14 j 11:03	0° ♁		
	-12082 Mar 18 j 19:36	0° ♁				-12077 Jan 14 j 21:26	0° ♁		
	-12082 Apr 18 j 21:32	0° ♁		max. Earth dist.		-12077 Feb 04 j 07:28	19° ♁ 21'42	1.01968 AU	
	-12082 May 19 j 09:15	0° ♁				-12077 Feb 15 j 12:42	0° ♁		
	-12082 Jun 18 j 06:45	0° ♁				-12077 Mar 19 j 00:49	0° ♁		
	-12082 Jul 17 j 17:39	0° ♁				-12077 Apr 19 j 02:43	0° ♁		
min. Earth dist.	-12082 Aug 04 j 20:58	18° ♁ 35'10	0.98037 AU			-12077 May 19 j 14:25	0° ♁		
	-12082 Aug 16 j 00:11	0° ♁				-12077 Jun 18 j 11:54	0° ♁		
	-12082 Sep 14 j 09:33	0° ♁				-12077 Jul 17 j 22:49	0° ♁		
	-12082 Oct 14 j 04:17	0° ♁		min. Earth dist.		-12077 Aug 03 j 21:56	17° ♁ 22'44	0.98035 AU	
	-12082 Nov 13 j 12:43	0° ♁				-12077 Aug 16 j 05:20	0° ♁		
	-12082 Dec 14 j 11:44	0° ♁				-12077 Sep 14 j 14:41	0° ♁		
	-12081 Jan 14 j 22:09	0° ♁				-12077 Oct 14 j 09:25	0° ♁		
max. Earth dist.	-12081 Feb 02 j 06:09	17° ♁ 23'28	1.01968 AU			-12077 Nov 13 j 17:52	0° ♁		
	-12081 Feb 15 j 13:25	0° ♁				-12077 Dec 14 j 16:53	0° ♁		
	-12081 Mar 19 j 01:33	0° ♁				-12076 Jan 15 j 03:19	0° ♁		
	-12081 Apr 19 j 03:29	0° ♁		max. Earth dist.		-12076 Feb 03 j 02:51	18° ♁ 00'02	1.01972 AU	
	-12081 May 19 j 15:13	0° ♁				-12076 Feb 15 j 18:38	0° ♁		
	-12081 Jun 18 j 12:41	0° ♁				-12076 Mar 18 j 06:46	0° ♁		
	-12081 Jul 17 j 23:34	0° ♁				-12076 Apr 18 j 08:42	0° ♁		
min. Earth dist.	-12081 Aug 05 j 06:32	18° ♁ 44'43	0.98030 AU			-12076 May 18 j 20:25	0° ♁		
	-12081 Aug 16 j 06:05	0° ♁				-12076 Jun 17 j 17:53	0° ♁		
	-12081 Sep 14 j 15:27	0° ♁				-12076 Jul 17 j 04:47	0° ♁		
	-12081 Oct 14 j 10:12	0° ♁		min. Earth dist.		-12076 Aug 05 j 00:21	19° ♁ 17'04	0.98033 AU	
	-12081 Nov 13 j 18:41	0° ♁				-12076 Aug 15 j 11:18	0° ♁		
	-12081 Dec 14 j 17:42	0° ♁				-12076 Sep 13 j 20:39	0° ♁		
	-12080 Jan 15 j 04:04	0° ♁				-12076 Oct 13 j 15:23	0° ♁		
max. Earth dist.	-12080 Feb 04 j 03:15	18° ♁ 56'11	1.01962 AU			-12076 Nov 12 j 23:49	0° ♁		
	-12080 Feb 15 j 19:16	0° ♁				-12076 Dec 13 j 22:48	0° ♁		
	-12080 Mar 18 j 07:18	0° ♁				-12075 Jan 14 j 09:09	0° ♁		
	-12080 Apr 18 j 09:10	0° ♁		max. Earth dist.		-12075 Feb 02 j 02:35	17° ♁ 45'51	1.01963 AU	

Attention, astronomical year style is used: The year -12075 in astronomical counting style is the year 12076 BCE in historical counting style.

	-12075 Feb 15 j 00:23	0°♂			-12071 Dec 14 j 03:59	0°♂	
	-12075 Mar 18 j 12:30	0°♂			-12070 Jan 14 j 14:19	0°♂	
	-12075 Apr 18 j 14:26	0°♂		max. Earth dist.	-12070 Feb 02 j 01:17	17°♂30'32	1.01966 AU
	-12075 May 19 j 02:11	0°♂			-12070 Feb 15 j 05:35	0°♂	
	-12075 Jun 17 j 23:43	0°♂			-12070 Mar 18 j 17:46	0°♂	
	-12075 Jul 17 j 10:39	0°♂			-12070 Apr 18 j 19:47	0°♂	
min. Earth dist.	-12075 Aug 03 j 19:30	17°♂47'48	0.98031 AU		-12070 May 19 j 07:37	0°♂	
	-12075 Aug 15 j 17:11	0°♂			-12070 Jun 18 j 05:12	0°♂	
	-12075 Sep 14 j 02:31	0°♂			-12070 Jul 17 j 16:11	0°♂	
	-12075 Oct 13 j 21:14	0°♂		min. Earth dist.	-12070 Aug 04 j 23:19	18°♂45'02	0.98032 AU
	-12075 Nov 13 j 05:38	0°♂			-12070 Aug 15 j 22:45	0°♂	
	-12075 Dec 14 j 04:35	0°♂			-12070 Sep 14 j 08:04	0°♂	
	-12074 Jan 14 j 14:55	0°♂			-12070 Oct 14 j 02:43	0°♂	
max. Earth dist.	-12074 Feb 04 j 01:05	19°♂22'04	1.01968 AU		-12070 Nov 13 j 11:02	0°♂	
	-12074 Feb 15 j 06:08	0°♂			-12070 Dec 14 j 09:55	0°♂	
	-12074 Mar 18 j 18:16	0°♂			-12069 Jan 14 j 20:13	0°♂	
	-12074 Apr 18 j 20:16	0°♂		max. Earth dist.	-12069 Feb 04 j 09:53	19°♂30'28	1.01965 AU
	-12074 May 19 j 08:05	0°♂			-12069 Feb 15 j 11:26	0°♂	
	-12074 Jun 18 j 05:37	0°♂			-12069 Mar 18 j 23:35	0°♂	
	-12074 Jul 17 j 16:32	0°♂			-12069 Apr 19 j 01:35	0°♂	
min. Earth dist.	-12074 Aug 04 j 11:48	18°♂14'33	0.98033 AU		-12069 May 19 j 13:23	0°♂	
	-12074 Aug 15 j 23:00	0°♂			-12069 Jun 18 j 10:57	0°♂	
	-12074 Sep 14 j 08:16	0°♂			-12069 Jul 17 j 21:54	0°♂	
	-12074 Oct 14 j 02:56	0°♂		min. Earth dist.	-12069 Aug 03 j 20:18	17°♂20'51	0.98035 AU
	-12074 Nov 13 j 11:20	0°♂			-12069 Aug 16 j 04:26	0°♂	
	-12074 Dec 14 j 10:20	0°♂			-12069 Sep 14 j 13:45	0°♂	
	-12073 Jan 14 j 20:46	0°♂			-12069 Oct 14 j 08:27	0°♂	
max. Earth dist.	-12073 Feb 02 j 10:47	17°♂37'37	1.01971 AU		-12069 Nov 13 j 16:51	0°♂	
	-12073 Feb 15 j 12:05	0°♂			-12069 Dec 14 j 15:48	0°♂	
	-12073 Mar 19 j 00:15	0°♂			-12068 Jan 15 j 02:08	0°♂	
	-12073 Apr 19 j 02:16	0°♂		max. Earth dist.	-12068 Feb 03 j 12:26	18°♂25'36	1.01968 AU
	-12073 May 19 j 14:05	0°♂			-12068 Feb 15 j 17:23	0°♂	
	-12073 Jun 18 j 11:38	0°♂			-12068 Mar 18 j 05:31	0°♂	
	-12073 Jul 17 j 22:33	0°♂			-12068 Apr 18 j 07:30	0°♂	
min. Earth dist.	-12073 Aug 05 j 15:40	19°♂10'48	0.98028 AU		-12068 May 18 j 19:19	0°♂	
	-12073 Aug 16 j 05:03	0°♂			-12068 Jun 17 j 16:54	0°♂	
	-12073 Sep 14 j 14:19	0°♂			-12068 Jul 17 j 03:52	0°♂	
	-12073 Oct 14 j 08:58	0°♂		min. Earth dist.	-12068 Aug 05 j 03:53	19°♂28'25	0.98035 AU
	-12073 Nov 13 j 17:21	0°♂			-12068 Aug 15 j 10:24	0°♂	
	-12073 Dec 14 j 16:20	0°♂			-12068 Sep 13 j 19:43	0°♂	
	-12072 Jan 15 j 02:43	0°♂			-12068 Oct 13 j 14:25	0°♂	
max. Earth dist.	-12072 Feb 03 j 18:11	18°♂37'55	1.01965 AU		-12068 Nov 12 j 22:48	0°♂	
	-12072 Feb 15 j 17:58	0°♂			-12068 Dec 13 j 21:43	0°♂	
	-12072 Mar 18 j 06:04	0°♂			-12067 Jan 14 j 08:01	0°♂	
	-12072 Apr 18 j 08:00	0°♂		max. Earth dist.	-12067 Feb 01 j 19:25	17°♂31'41	1.01960 AU
	-12072 May 18 j 19:47	0°♂			-12067 Feb 14 j 23:12	0°♂	
	-12072 Jun 17 j 17:21	0°♂			-12067 Mar 18 j 11:16	0°♂	
	-12072 Jul 17 j 04:20	0°♂			-12067 Apr 18 j 13:13	0°♂	
min. Earth dist.	-12072 Aug 03 j 06:11	17°♂29'42	0.98034 AU		-12067 May 19 j 01:03	0°♂	
	-12072 Aug 15 j 10:53	0°♂			-12067 Jun 17 j 22:40	0°♂	
	-12072 Sep 13 j 20:13	0°♂			-12067 Jul 17 j 09:42	0°♂	
	-12072 Oct 13 j 14:53	0°♂		min. Earth dist.	-12067 Aug 04 j 04:44	18°♂13'53	0.98033 AU
	-12072 Nov 12 j 23:15	0°♂			-12067 Aug 15 j 16:16	0°♂	
	-12072 Dec 13 j 22:11	0°♂			-12067 Sep 14 j 01:36	0°♂	
	-12071 Jan 14 j 08:32	0°♂			-12067 Oct 13 j 20:15	0°♂	
max. Earth dist.	-12071 Feb 03 j 07:46	18°♂56'10	1.01969 AU		-12067 Nov 13 j 04:35	0°♂	
	-12071 Feb 14 j 23:47	0°♂			-12067 Dec 14 j 03:28	0°♂	
	-12071 Mar 18 j 11:55	0°♂			-12066 Jan 14 j 13:46	0°♂	
	-12071 Apr 18 j 13:53	0°♂		max. Earth dist.	-12066 Feb 04 j 03:47	19°♂31'15	1.01965 AU
	-12071 May 19 j 01:41	0°♂			-12066 Feb 15 j 04:57	0°♂	
	-12071 Jun 17 j 23:16	0°♂			-12066 Mar 18 j 17:03	0°♂	
	-12071 Jul 17 j 10:16	0°♂			-12066 Apr 18 j 19:02	0°♂	
min. Earth dist.	-12071 Aug 05 j 05:16	19°♂15'21	0.98038 AU		-12066 May 19 j 06:51	0°♂	
	-12071 Aug 15 j 16:50	0°♂			-12066 Jun 18 j 04:27	0°♂	
	-12071 Sep 14 j 02:09	0°♂			-12066 Jul 17 j 15:25	0°♂	
	-12071 Oct 13 j 20:47	0°♂		min. Earth dist.	-12066 Aug 04 j 02:44	17°♂53'59	0.98036 AU
	-12071 Nov 13 j 05:06	0°♂			-12066 Aug 15 j 21:57	0°♂	

Attention, astronomical year style is used: The year -12066 in astronomical counting style is the year 12067 BCE in historical counting style.

	-12066 Sep 14 j 07:15	0°☾					-12061 Jul 17 j 20:40	0°♄			
	-12066 Oct 14 j 01:53	0°♌			min. Earth dist.		-12061 Aug 04 j 00:11	17°♄34'01	0.98030 AU		
	-12066 Nov 13 j 10:14	0°♍					-12061 Aug 16 j 03:09	0°♊			
	-12066 Dec 14 j 09:10	0°♋					-12061 Sep 14 j 12:23	0°☾			
	-12065 Jan 14 j 19:33	0°♍					-12061 Oct 14 j 06:56	0°♌			
max. Earth dist.	-12065 Feb 02 j 16:31	17°♍54'03	1.01971 AU				-12061 Nov 13 j 15:14	0°♍			
	-12065 Feb 15 j 10:52	0°♊					-12061 Dec 14 j 14:07	0°♋			
	-12065 Mar 18 j 23:02	0°♎					-12060 Jan 15 j 00:28	0°♍			
	-12065 Apr 19 j 01:02	0°♏			max. Earth dist.		-12060 Feb 03 j 21:01	18°♍49'46	1.01972 AU		
	-12065 May 19 j 12:51	0°♏					-12060 Feb 15 j 15:46	0°♊			
	-12065 Jun 18 j 10:24	0°♑					-12060 Mar 18 j 03:58	0°♎			
	-12065 Jul 17 j 21:21	0°♄					-12060 Apr 18 j 06:02	0°♏			
min. Earth dist.	-12065 Aug 05 j 18:57	19°♄22'15	0.98032 AU				-12060 May 18 j 17:56	0°♏			
	-12065 Aug 16 j 03:52	0°♊					-12060 Jun 17 j 15:36	0°♑			
	-12065 Sep 14 j 13:10	0°☾					-12060 Jul 17 j 02:37	0°♄			
	-12065 Oct 14 j 07:49	0°♌			min. Earth dist.		-12060 Aug 05 j 06:03	19°♄37'06	0.98035 AU		
	-12065 Nov 13 j 16:11	0°♍					-12060 Aug 15 j 09:09	0°♊			
	-12065 Dec 14 j 15:07	0°♋					-12060 Sep 13 j 18:24	0°☾			
	-12064 Jan 15 j 01:28	0°♍					-12060 Oct 13 j 12:58	0°♌			
max. Earth dist.	-12064 Feb 03 j 06:49	18°♍14'02	1.01965 AU				-12060 Nov 12 j 21:12	0°♍			
	-12064 Feb 15 j 16:43	0°♊					-12060 Dec 13 j 20:01	0°♋			
	-12064 Mar 18 j 04:51	0°♎					-12059 Jan 14 j 06:18	0°♍			
	-12064 Apr 18 j 06:48	0°♏			max. Earth dist.		-12059 Feb 01 j 20:13	17°♍37'37	1.01964 AU		
	-12064 May 18 j 18:35	0°♏					-12059 Feb 14 j 21:32	0°♊			
	-12064 Jun 17 j 16:07	0°♑					-12059 Mar 18 j 09:42	0°♎			
	-12064 Jul 17 j 03:04	0°♄					-12059 Apr 18 j 11:46	0°♏			
min. Earth dist.	-12064 Aug 03 j 07:51	17°♄37'17	0.98032 AU				-12059 May 18 j 23:41	0°♏			
	-12064 Aug 15 j 09:36	0°♊					-12059 Jun 17 j 21:22	0°♑			
	-12064 Sep 13 j 18:56	0°☾					-12059 Jul 17 j 08:27	0°♄			
	-12064 Oct 13 j 13:36	0°♌			min. Earth dist.		-12059 Aug 04 j 13:52	18°♄40'30	0.98033 AU		
	-12064 Nov 12 j 21:58	0°♍					-12059 Aug 15 j 15:02	0°♊			
	-12064 Dec 13 j 20:52	0°♋					-12059 Sep 14 j 00:20	0°☾			
	-12063 Jan 14 j 07:12	0°♍					-12059 Oct 13 j 18:53	0°♌			
max. Earth dist.	-12063 Feb 03 j 14:45	19°♍15'53	1.01969 AU				-12059 Nov 13 j 03:06	0°♍			
	-12063 Feb 14 j 22:26	0°♊					-12059 Dec 14 j 01:51	0°♋			
	-12063 Mar 18 j 10:36	0°♎					-12058 Jan 14 j 12:04	0°♍			
	-12063 Apr 18 j 12:37	0°♏			max. Earth dist.		-12058 Feb 04 j 10:34	19°♍51'23	1.01965 AU		
	-12063 May 19 j 00:27	0°♏					-12058 Feb 15 j 03:16	0°♊			
	-12063 Jun 17 j 22:02	0°♑					-12058 Mar 18 j 15:27	0°♎			
	-12063 Jul 17 j 08:59	0°♄					-12058 Apr 18 j 17:33	0°♏			
min. Earth dist.	-12063 Aug 04 j 19:10	18°♄52'49	0.98034 AU				-12058 May 19 j 05:29	0°♏			
	-12063 Aug 15 j 15:29	0°♊					-12058 Jun 18 j 03:09	0°♑			
	-12063 Sep 14 j 00:44	0°☾					-12058 Jul 17 j 14:10	0°♄			
	-12063 Oct 13 j 19:20	0°♌			min. Earth dist.		-12058 Aug 03 j 21:45	17°♄44'21	0.98036 AU		
	-12063 Nov 13 j 03:38	0°♍					-12058 Aug 15 j 20:43	0°♊			
	-12063 Dec 14 j 02:32	0°♋					-12058 Sep 14 j 06:00	0°☾			
	-12062 Jan 14 j 12:52	0°♍					-12058 Oct 14 j 00:35	0°♌			
max. Earth dist.	-12062 Feb 02 j 03:31	17°♍39'14	1.01969 AU				-12058 Nov 13 j 08:50	0°♍			
	-12062 Feb 15 j 04:09	0°♊					-12058 Dec 14 j 07:39	0°♋			
	-12062 Mar 18 j 16:22	0°♎					-12057 Jan 14 j 17:56	0°♍			
	-12062 Apr 18 j 18:28	0°♏			max. Earth dist.		-12057 Feb 03 j 03:35	18°♍24'07	1.01970 AU		
	-12062 May 19 j 06:22	0°♏					-12057 Feb 15 j 09:12	0°♊			
	-12062 Jun 18 j 04:00	0°♑					-12057 Mar 18 j 21:26	0°♎			
	-12062 Jul 17 j 14:58	0°♄					-12057 Apr 18 j 23:33	0°♏			
min. Earth dist.	-12062 Aug 05 j 07:51	19°♄10'12	0.98026 AU				-12057 May 19 j 11:30	0°♏			
	-12062 Aug 15 j 21:26	0°♊					-12057 Jun 18 j 09:10	0°♑			
	-12062 Sep 14 j 06:39	0°☾					-12057 Jul 17 j 20:10	0°♄			
	-12062 Oct 14 j 01:12	0°♌			min. Earth dist.		-12057 Aug 06 j 00:27	19°♄39'23	0.98033 AU		
	-12062 Nov 13 j 09:28	0°♍					-12057 Aug 16 j 02:41	0°♊			
	-12062 Dec 14 j 08:21	0°♋					-12057 Sep 14 j 11:58	0°☾			
	-12061 Jan 14 j 18:40	0°♍					-12057 Oct 14 j 06:34	0°♌			
max. Earth dist.	-12061 Feb 04 j 03:20	19°♍18'35	1.01967 AU				-12057 Nov 13 j 14:52	0°♍			
	-12061 Feb 15 j 09:56	0°♊					-12057 Dec 14 j 13:43	0°♋			
	-12061 Mar 18 j 22:07	0°♎					-12056 Jan 14 j 23:59	0°♍			
	-12061 Apr 19 j 00:11	0°♏			max. Earth dist.		-12056 Feb 02 j 23:02	17°♍59'15	1.01961 AU		
	-12061 May 19 j 12:04	0°♏					-12056 Feb 15 j 15:10	0°♊			
	-12061 Jun 18 j 09:42	0°♑					-12056 Mar 18 j 03:18	0°♎			

Attention, astronomical year style is used: The year -12056 in astronomical counting style is the year 12057 BCE in historical counting style.

	-12056 Apr 18 j 05:21	0°≈		max. Earth dist.	-12051 Feb 01 j 20:12	17°ℓ40'05	1.01965 AU
	-12056 May 18 j 17:15	0°✕			-12051 Feb 14 j 20:28	0°✕	
	-12056 Jun 17 j 14:56	0°Υ			-12051 Mar 18 j 08:40	0°Ξ	
	-12056 Jul 17 j 01:58	0°Ϡ			-12051 Apr 18 j 10:47	0°≈	
min. Earth dist.	-12056 Aug 03 j 17:07	18°Ϡ03'51	0.98033 AU		-12051 May 18 j 22:44	0°✕	
	-12056 Aug 15 j 08:33	0°Π			-12051 Jun 17 j 20:26	0°Υ	
	-12056 Sep 13 j 17:51	0°Ϟ			-12051 Jul 17 j 07:28	0°Ϡ	
	-12056 Oct 13 j 12:27	0°Ω		min. Earth dist.	-12051 Aug 04 j 20:06	18°Ϡ59'08	0.98030 AU
	-12056 Nov 12 j 20:45	0°ϡ			-12051 Aug 15 j 14:00	0°Π	
	-12056 Dec 13 j 19:35	0°♁			-12051 Sep 13 j 23:15	0°Ϟ	
	-12055 Jan 14 j 05:50	0°ℓ			-12051 Oct 13 j 17:48	0°Ω	
max. Earth dist.	-12055 Feb 03 j 20:24	19°ℓ32'35	1.01965 AU		-12051 Nov 13 j 02:02	0°ϡ	
	-12055 Feb 14 j 21:01	0°✕			-12051 Dec 14 j 00:49	0°♁	
	-12055 Mar 18 j 09:09	0°Ξ			-12050 Jan 14 j 11:02	0°ℓ	
	-12055 Apr 18 j 11:11	0°≈		max. Earth dist.	-12050 Feb 04 j 08:07	19°ℓ48'04	1.01965 AU
	-12055 May 18 j 23:07	0°✕			-12050 Feb 15 j 02:14	0°✕	
	-12055 Jun 17 j 20:49	0°Υ			-12050 Mar 18 j 14:26	0°Ξ	
	-12055 Jul 17 j 07:53	0°Ϡ			-12050 Apr 18 j 16:34	0°≈	
min. Earth dist.	-12055 Aug 04 j 13:50	18°Ϡ41'46	0.98038 AU		-12050 May 19 j 04:33	0°✕	
	-12055 Aug 15 j 14:27	0°Π			-12050 Jun 18 j 02:15	0°Υ	
	-12055 Sep 13 j 23:42	0°Ϟ			-12050 Jul 17 j 13:16	0°Ϡ	
	-12055 Oct 13 j 18:15	0°Ω		min. Earth dist.	-12050 Aug 03 j 20:20	17°Ϡ43'08	0.98031 AU
	-12055 Nov 13 j 02:29	0°ϡ			-12050 Aug 15 j 19:45	0°Π	
	-12055 Dec 14 j 01:18	0°♁			-12050 Sep 14 j 04:56	0°Ϟ	
	-12054 Jan 14 j 11:36	0°ℓ			-12050 Oct 13 j 23:27	0°Ω	
max. Earth dist.	-12054 Feb 02 j 07:46	17°ℓ52'18	1.01968 AU		-12050 Nov 13 j 07:40	0°ϡ	
	-12054 Feb 15 j 02:51	0°✕			-12050 Dec 14 j 06:29	0°♁	
	-12054 Mar 18 j 15:03	0°Ξ			-12049 Jan 14 j 16:48	0°ℓ	
	-12054 Apr 18 j 17:09	0°≈		max. Earth dist.	-12049 Feb 03 j 09:57	18°ℓ41'46	1.01973 AU
	-12054 May 19 j 05:06	0°✕			-12049 Feb 15 j 08:06	0°✕	
	-12054 Jun 18 j 02:48	0°Υ			-12049 Mar 18 j 20:21	0°Ξ	
	-12054 Jul 17 j 13:51	0°Ϡ			-12049 Apr 18 j 22:31	0°≈	
min. Earth dist.	-12054 Aug 05 j 14:46	19°Ϡ30'39	0.98032 AU		-12049 May 19 j 10:31	0°✕	
	-12054 Aug 15 j 20:25	0°Π			-12049 Jun 18 j 08:14	0°Υ	
	-12054 Sep 14 j 05:40	0°Ϟ			-12049 Jul 17 j 19:15	0°Ϡ	
	-12054 Oct 14 j 00:13	0°Ω		min. Earth dist.	-12049 Aug 06 j 05:03	19°Ϡ53'32	0.98031 AU
	-12054 Nov 13 j 08:26	0°ϡ			-12049 Aug 16 j 01:44	0°Π	
	-12054 Dec 14 j 07:15	0°♁			-12049 Sep 14 j 10:55	0°Ϟ	
	-12053 Jan 14 j 17:32	0°ℓ			-12049 Oct 14 j 05:25	0°Ω	
max. Earth dist.	-12053 Feb 03 j 18:47	19°ℓ01'08	1.01965 AU		-12049 Nov 13 j 13:38	0°ϡ	
	-12053 Feb 15 j 08:47	0°✕			-12049 Dec 14 j 12:27	0°♁	
	-12053 Mar 18 j 20:58	0°Ξ			-12048 Jan 14 j 22:45	0°ℓ	
	-12053 Apr 18 j 23:01	0°≈		max. Earth dist.	-12048 Feb 02 j 15:29	17°ℓ44'15	1.01966 AU
	-12053 May 19 j 10:55	0°✕			-12048 Feb 15 j 13:59	0°✕	
	-12053 Jun 18 j 08:33	0°Υ			-12048 Mar 18 j 02:11	0°Ξ	
	-12053 Jul 17 j 19:34	0°Ϡ			-12048 Apr 18 j 04:17	0°≈	
min. Earth dist.	-12053 Aug 04 j 00:04	17°Ϡ36'29	0.98033 AU		-12048 May 18 j 16:14	0°✕	
	-12053 Aug 16 j 02:07	0°Π			-12048 Jun 17 j 13:57	0°Υ	
	-12053 Sep 14 j 11:24	0°Ϟ			-12048 Jul 17 j 01:02	0°Ϡ	
	-12053 Oct 14 j 06:00	0°Ω		min. Earth dist.	-12048 Aug 04 j 01:55	18°Ϡ28'51	0.98032 AU
	-12053 Nov 13 j 14:16	0°ϡ			-12048 Aug 15 j 07:36	0°Π	
	-12053 Dec 14 j 13:06	0°♁			-12048 Sep 13 j 16:51	0°Ϟ	
	-12052 Jan 14 j 23:23	0°ℓ			-12048 Oct 13 j 11:21	0°Ω	
max. Earth dist.	-12052 Feb 04 j 05:34	19°ℓ12'36	1.01971 AU		-12048 Nov 12 j 19:32	0°ϡ	
	-12052 Feb 15 j 14:40	0°✕			-12048 Dec 13 j 18:17	0°♁	
	-12052 Mar 18 j 02:53	0°Ξ			-12047 Jan 14 j 04:30	0°ℓ	
	-12052 Apr 18 j 04:58	0°≈		max. Earth dist.	-12047 Feb 04 j 02:41	19°ℓ50'34	1.01967 AU
	-12052 May 18 j 16:52	0°✕			-12047 Feb 14 j 19:43	0°✕	
	-12052 Jun 17 j 14:31	0°Υ			-12047 Mar 18 j 07:56	0°Ξ	
	-12052 Jul 17 j 01:31	0°Ϡ			-12047 Apr 18 j 10:03	0°≈	
min. Earth dist.	-12052 Aug 04 j 20:56	19°Ϡ16'30	0.98036 AU		-12047 May 18 j 22:01	0°✕	
	-12052 Aug 15 j 08:03	0°Π			-12047 Jun 17 j 19:46	0°Υ	
	-12052 Sep 13 j 17:20	0°Ϟ			-12047 Jul 17 j 06:51	0°Ϡ	
	-12052 Oct 13 j 11:55	0°Ω		min. Earth dist.	-12047 Aug 04 j 04:43	18°Ϡ20'58	0.98037 AU
	-12052 Nov 12 j 20:11	0°ϡ			-12047 Aug 15 j 13:24	0°Π	
	-12052 Dec 13 j 18:59	0°♁			-12047 Sep 13 j 22:38	0°Ϟ	
	-12051 Jan 14 j 05:14	0°ℓ			-12047 Oct 13 j 17:06	0°Ω	

Attention, astronomical year style is used: The year -12047 in astronomical counting style is the year 12048 BCE in historical counting style.

	-12047 Nov 13 j 01:13	0°♐					-12042 Aug 15 j 18:27	0°♐			
	-12047 Dec 13 j 23:56	0°♑					-12042 Sep 14 j 03:40	0°♑			
	-12046 Jan 14 j 10:09	0°♒					-12042 Oct 13 j 22:08	0°♒			
max. Earth dist.	-12046 Feb 02 j 17:47	18°♒19'24	1.01970 AU				-12042 Nov 13 j 06:16	0°♓			
	-12046 Feb 15 j 01:25	0°♓					-12042 Dec 14 j 05:00	0°♑			
	-12046 Mar 18 j 13:43	0°♒					-12041 Jan 14 j 15:15	0°♒			
	-12046 Apr 18 j 15:55	0°♑				max. Earth dist.	-12041 Feb 03 j 18:46	19°♒06'20	1.01972 AU		
	-12046 May 19 j 03:57	0°♐					-12041 Feb 15 j 06:32	0°♓			
	-12046 Jun 18 j 01:42	0°♑					-12041 Mar 18 j 18:49	0°♒			
	-12046 Jul 17 j 12:45	0°♐					-12041 Apr 18 j 21:00	0°♑			
min. Earth dist.	-12046 Aug 05 j 20:11	19°♐47'23	0.98032 AU				-12041 May 19 j 09:00	0°♐			
	-12046 Aug 15 j 19:17	0°♐					-12041 Jun 18 j 06:44	0°♑			
	-12046 Sep 14 j 04:31	0°♑					-12041 Jul 17 j 17:48	0°♐			
	-12046 Oct 13 j 23:00	0°♒				min. Earth dist.	-12041 Aug 06 j 01:48	19°♐48'47	0.98035 AU		
	-12046 Nov 13 j 07:09	0°♓					-12041 Aug 16 j 00:20	0°♐			
	-12046 Dec 14 j 05:52	0°♑					-12041 Sep 14 j 09:33	0°♑			
	-12045 Jan 14 j 16:04	0°♒					-12041 Oct 14 j 04:03	0°♒			
max. Earth dist.	-12045 Feb 03 j 13:02	18°♒51'06	1.01965 AU				-12041 Nov 13 j 12:14	0°♓			
	-12045 Feb 15 j 07:18	0°♓					-12041 Dec 14 j 10:59	0°♑			
	-12045 Mar 18 j 19:32	0°♒					-12040 Jan 14 j 21:14	0°♒			
	-12045 Apr 18 j 21:41	0°♑				max. Earth dist.	-12040 Feb 02 j 14:18	17°♒45'05	1.01966 AU		
	-12045 May 19 j 09:42	0°♐					-12040 Feb 15 j 12:28	0°♓			
	-12045 Jun 18 j 07:26	0°♑					-12040 Mar 18 j 00:42	0°♒			
	-12045 Jul 17 j 18:28	0°♐					-12040 Apr 18 j 02:51	0°♑			
min. Earth dist.	-12045 Aug 04 j 06:37	17°♐56'10	0.98031 AU				-12040 May 18 j 14:50	0°♐			
	-12045 Aug 16 j 01:00	0°♐					-12040 Jun 17 j 12:34	0°♑			
	-12045 Sep 14 j 10:14	0°♑					-12040 Jul 16 j 23:38	0°♐			
	-12045 Oct 14 j 04:45	0°♒				min. Earth dist.	-12040 Aug 04 j 06:56	18°♐45'22	0.98031 AU		
	-12045 Nov 13 j 12:56	0°♓					-12040 Aug 15 j 06:12	0°♐			
	-12045 Dec 14 j 11:41	0°♑					-12040 Sep 13 j 15:27	0°♑			
	-12044 Jan 14 j 21:54	0°♒					-12040 Oct 13 j 09:58	0°♒			
max. Earth dist.	-12044 Feb 04 j 14:07	19°♒36'28	1.01968 AU				-12040 Nov 12 j 18:08	0°♓			
	-12044 Feb 15 j 13:06	0°♓					-12040 Dec 13 j 16:51	0°♑			
	-12044 Mar 18 j 01:20	0°♒					-12039 Jan 14 j 03:02	0°♒			
	-12044 Apr 18 j 03:29	0°♑				max. Earth dist.	-12039 Feb 04 j 05:56	20°♒01'50	1.01966 AU		
	-12044 May 18 j 15:30	0°♐					-12039 Feb 14 j 18:14	0°♓			
	-12044 Jun 17 j 13:15	0°♑					-12039 Mar 18 j 06:28	0°♒			
	-12044 Jul 17 j 00:20	0°♐					-12039 Apr 18 j 08:39	0°♑			
min. Earth dist.	-12044 Aug 04 j 18:35	19°♐13'24	0.98037 AU				-12039 May 18 j 20:41	0°♐			
	-12044 Aug 15 j 06:52	0°♐					-12039 Jun 17 j 18:27	0°♑			
	-12044 Sep 13 j 16:06	0°♑					-12039 Jul 17 j 05:32	0°♐			
	-12044 Oct 13 j 10:36	0°♒				min. Earth dist.	-12039 Aug 03 j 20:28	18°♐03'14	0.98033 AU		
	-12044 Nov 12 j 18:46	0°♓					-12039 Aug 15 j 12:03	0°♐			
	-12044 Dec 13 j 17:30	0°♑					-12039 Sep 13 j 21:13	0°♑			
	-12043 Jan 14 j 03:42	0°♒					-12039 Oct 13 j 15:39	0°♒			
max. Earth dist.	-12043 Feb 01 j 22:35	17°♒49'25	1.01963 AU				-12039 Nov 12 j 23:46	0°♓			
	-12043 Feb 14 j 18:53	0°♓					-12039 Dec 13 j 22:29	0°♑			
	-12043 Mar 18 j 07:05	0°♒					-12038 Jan 14 j 08:42	0°♒			
	-12043 Apr 18 j 09:14	0°♑				max. Earth dist.	-12038 Feb 03 j 00:34	18°♒38'53	1.01971 AU		
	-12043 May 18 j 21:16	0°♐					-12038 Feb 14 j 23:58	0°♓			
	-12043 Jun 17 j 19:04	0°♑					-12038 Mar 18 j 12:17	0°♒			
	-12043 Jul 17 j 06:12	0°♐					-12038 Apr 18 j 14:34	0°♑			
min. Earth dist.	-12043 Aug 05 j 06:49	19°♐29'47	0.98034 AU				-12038 May 19 j 02:41	0°♐			
	-12043 Aug 15 j 12:48	0°♐					-12038 Jun 18 j 00:29	0°♑			
	-12043 Sep 13 j 22:02	0°♑					-12038 Jul 17 j 11:34	0°♐			
	-12043 Oct 13 j 16:30	0°♒				min. Earth dist.	-12038 Aug 06 j 01:56	20°♐05'14	0.98029 AU		
	-12043 Nov 13 j 00:38	0°♓					-12038 Aug 15 j 18:04	0°♐			
	-12043 Dec 13 j 23:20	0°♑					-12038 Sep 14 j 03:12	0°♑			
	-12042 Jan 14 j 09:31	0°♒					-12038 Oct 13 j 21:36	0°♒			
max. Earth dist.	-12042 Feb 04 j 02:54	19°♒39'24	1.01962 AU				-12038 Nov 13 j 05:42	0°♓			
	-12042 Feb 15 j 00:41	0°♓					-12038 Dec 14 j 04:25	0°♑			
	-12042 Mar 18 j 12:53	0°♒					-12037 Jan 14 j 14:39	0°♒			
	-12042 Apr 18 j 15:01	0°♑				max. Earth dist.	-12037 Feb 03 j 00:22	18°♒24'26	1.01967 AU		
	-12042 May 19 j 03:03	0°♐					-12037 Feb 15 j 05:55	0°♓			
	-12042 Jun 18 j 00:48	0°♑					-12037 Mar 18 j 18:11	0°♒			
	-12042 Jul 17 j 11:54	0°♐					-12037 Apr 18 j 20:24	0°♑			
min. Earth dist.	-12042 Aug 03 j 20:53	17°♐47'57	0.98035 AU				-12037 May 19 j 08:29	0°♐			

Attention, astronomical year style is used: The year -12037 in astronomical counting style is the year 12038 BCE in historical counting style.

	-12037 Jun 18 j 06:17	0°Υ					-12032 Mar 17 j 23:31	0°Ξ			
	-12037 Jul 17 j 17:23	0°Ϡ					-12032 Apr 18 j 01:43	0°≈			
min. Earth dist.	-12037 Aug 04 j 15:29	18°Ϡ21'45	0.98029 AU				-12032 May 18 j 13:48	0°Ϡ			
	-12037 Aug 15 j 23:54	0°Π					-12032 Jun 17 j 11:38	0°Υ			
	-12037 Sep 14 j 09:04	0°Ϡ					-12032 Jul 16 j 22:47	0°Ϡ			
	-12037 Oct 14 j 03:29	0°Ω			min. Earth dist.		-12032 Aug 04 j 17:29	19°Ϡ14'36	0.98032 AU		
	-12037 Nov 13 j 11:35	0°Ϡ					-12032 Aug 15 j 05:21	0°Π			
	-12037 Dec 14 j 10:17	0°Ϡ					-12032 Sep 13 j 14:33	0°Ϡ			
	-12036 Jan 14 j 20:30	0°Ϡ					-12032 Oct 13 j 09:01	0°Ω			
max. Earth dist.	-12036 Feb 04 j 19:51	19°Ϡ53'17	1.01970 AU				-12032 Nov 12 j 17:07	0°Ϡ			
	-12036 Feb 15 j 11:45	0°Ϡ					-12032 Dec 13 j 15:47	0°Ϡ			
	-12036 Mar 18 j 00:02	0°Ξ					-12031 Jan 14 j 01:56	0°Ϡ			
	-12036 Apr 18 j 02:15	0°≈			max. Earth dist.		-12031 Feb 04 j 04:17	20°Ϡ00'36	1.01963 AU		
	-12036 May 18 j 14:19	0°Ϡ					-12031 Feb 14 j 17:06	0°Ϡ			
	-12036 Jun 17 j 12:09	0°Υ					-12031 Mar 18 j 05:18	0°Ξ			
	-12036 Jul 16 j 23:16	0°Ϡ					-12031 Apr 18 j 07:30	0°≈			
min. Earth dist.	-12036 Aug 04 j 12:19	18°Ϡ59'56	0.98038 AU				-12031 May 18 j 19:35	0°Ϡ			
	-12036 Aug 15 j 05:50	0°Π					-12031 Jun 17 j 17:26	0°Υ			
	-12036 Sep 13 j 15:02	0°Ϡ					-12031 Jul 17 j 04:35	0°Ϡ			
	-12036 Oct 13 j 09:27	0°Ω			min. Earth dist.		-12031 Aug 03 j 20:16	18°Ϡ05'01	0.98035 AU		
	-12036 Nov 12 j 17:31	0°Ϡ					-12031 Aug 15 j 11:09	0°Π			
	-12036 Dec 13 j 16:09	0°Ϡ					-12031 Sep 13 j 20:19	0°Ϡ			
	-12035 Jan 14 j 02:19	0°Ϡ					-12031 Oct 13 j 14:42	0°Ω			
max. Earth dist.	-12035 Feb 02 j 05:49	18°Ϡ09'44	1.01967 AU				-12031 Nov 12 j 22:44	0°Ϡ			
	-12035 Feb 14 j 17:33	0°Ϡ					-12031 Dec 13 j 21:23	0°Ϡ			
	-12035 Mar 18 j 05:50	0°Ξ					-12030 Jan 14 j 07:34	0°Ϡ			
	-12035 Apr 18 j 08:05	0°≈			max. Earth dist.		-12030 Feb 03 j 07:38	18°Ϡ58'16	1.01971 AU		
	-12035 May 18 j 20:11	0°Ϡ					-12030 Feb 14 j 22:49	0°Ϡ			
	-12035 Jun 17 j 18:02	0°Υ					-12030 Mar 18 j 11:08	0°Ξ			
	-12035 Jul 17 j 05:12	0°Ϡ					-12030 Apr 18 j 13:24	0°≈			
min. Earth dist.	-12035 Aug 05 j 14:07	19°Ϡ51'04	0.98035 AU				-12030 May 19 j 01:32	0°Ϡ			
	-12035 Aug 15 j 11:49	0°Π					-12030 Jun 17 j 23:24	0°Υ			
	-12035 Sep 13 j 21:02	0°Ϡ					-12030 Jul 17 j 10:31	0°Ϡ			
	-12035 Oct 13 j 15:28	0°Ω			min. Earth dist.		-12030 Aug 06 j 04:35	20°Ϡ14'36	0.98033 AU		
	-12035 Nov 12 j 23:30	0°Ϡ					-12030 Aug 15 j 17:04	0°Π			
	-12035 Dec 13 j 22:07	0°Ϡ					-12030 Sep 14 j 02:13	0°Ϡ			
	-12034 Jan 14 j 08:14	0°Ϡ					-12030 Oct 13 j 20:36	0°Ω			
max. Earth dist.	-12034 Feb 04 j 00:14	19°Ϡ36'12	1.01962 AU				-12030 Nov 13 j 04:37	0°Ϡ			
	-12034 Feb 14 j 23:25	0°Ϡ					-12030 Dec 14 j 03:16	0°Ϡ			
	-12034 Mar 18 j 11:41	0°Ξ					-12029 Jan 14 j 13:28	0°Ϡ			
	-12034 Apr 18 j 13:55	0°≈			max. Earth dist.		-12029 Feb 02 j 16:57	18°Ϡ09'43	1.01968 AU		
	-12034 May 19 j 02:02	0°Ϡ					-12029 Feb 15 j 04:44	0°Ϡ			
	-12034 Jun 17 j 23:51	0°Υ					-12029 Mar 18 j 17:03	0°Ξ			
	-12034 Jul 17 j 10:58	0°Ϡ					-12029 Apr 18 j 19:17	0°≈			
min. Earth dist.	-12034 Aug 03 j 22:50	17°Ϡ55'21	0.98033 AU				-12029 May 19 j 07:21	0°Ϡ			
	-12034 Aug 15 j 17:31	0°Π					-12029 Jun 18 j 05:09	0°Υ			
	-12034 Sep 14 j 02:43	0°Ϡ					-12029 Jul 17 j 16:15	0°Ϡ			
	-12034 Oct 13 j 21:09	0°Ω			min. Earth dist.		-12029 Aug 04 j 20:25	18°Ϡ37'18	0.98030 AU		
	-12034 Nov 13 j 05:14	0°Ϡ					-12029 Aug 15 j 22:47	0°Π			
	-12034 Dec 14 j 03:53	0°Ϡ					-12029 Sep 14 j 07:58	0°Ϡ			
	-12033 Jan 14 j 14:03	0°Ϡ					-12029 Oct 14 j 02:23	0°Ω			
max. Earth dist.	-12033 Feb 04 j 05:26	19°Ϡ34'30	1.01970 AU				-12029 Nov 13 j 10:26	0°Ϡ			
	-12033 Feb 15 j 05:17	0°Ϡ					-12029 Dec 14 j 09:05	0°Ϡ			
	-12033 Mar 18 j 17:36	0°Ξ					-12028 Jan 14 j 19:15	0°Ϡ			
	-12033 Apr 18 j 19:52	0°≈			max. Earth dist.		-12028 Feb 05 j 01:22	20°Ϡ09'20	1.01970 AU		
	-12033 May 19 j 07:59	0°Ϡ					-12028 Feb 15 j 10:30	0°Ϡ			
	-12033 Jun 18 j 05:48	0°Υ					-12028 Mar 17 j 22:49	0°Ξ			
	-12033 Jul 17 j 16:54	0°Ϡ					-12028 Apr 18 j 01:04	0°≈			
min. Earth dist.	-12033 Aug 05 j 23:14	19°Ϡ44'28	0.98035 AU				-12028 May 18 j 13:10	0°Ϡ			
	-12033 Aug 15 j 23:26	0°Π					-12028 Jun 17 j 10:59	0°Υ			
	-12033 Sep 14 j 08:37	0°Ϡ					-12028 Jul 16 j 22:05	0°Ϡ			
	-12033 Oct 14 j 03:04	0°Ω			min. Earth dist.		-12028 Aug 03 j 23:49	18°Ϡ30'56	0.98036 AU		
	-12033 Nov 13 j 11:12	0°Ϡ					-12028 Aug 15 j 04:37	0°Π			
	-12033 Dec 14 j 09:54	0°Ϡ					-12028 Sep 13 j 13:48	0°Ϡ			
	-12032 Jan 14 j 20:05	0°Ϡ					-12028 Oct 13 j 08:12	0°Ω			
max. Earth dist.	-12032 Feb 02 j 15:07	17°Ϡ49'48	1.01964 AU				-12028 Nov 12 j 16:14	0°Ϡ			
	-12032 Feb 15 j 11:17	0°Ϡ					-12028 Dec 13 j 14:50	0°Ϡ			

Attention, astronomical year style is used: The year -12027 in astronomical counting style is the year 12028 BCE in historical counting style.

	-12027 Jan 14 j 00:58	0° \mathbb{M}					-12023 Oct 13 j 13:22	0° Ω			
max. Earth dist.	-12027 Feb 02 j 13:11	18° \mathbb{M} 30'23	1.01968 AU				-12023 Nov 12 j 21:18	0° \mathbb{M}			
	-12027 Feb 14 j 16:12	0° \mathbb{A}					-12023 Dec 13 j 19:49	0° \mathbb{A}			
	-12027 Mar 18 j 04:31	0° \mathbb{B}					-12022 Jan 14 j 05:54	0° \mathbb{M}			
	-12027 Apr 18 j 06:50	0° \approx			max. Earth dist.		-12022 Feb 03 j 19:18	19° \mathbb{M} 29'54	1.01970 AU		
	-12027 May 18 j 19:00	0° \mathbb{H}					-12022 Feb 14 j 21:08	0° \mathbb{A}			
	-12027 Jun 17 j 16:53	0° \mathbb{Y}					-12022 Mar 18 j 09:30	0° \mathbb{B}			
	-12027 Jul 17 j 04:02	0° \mathbb{B}					-12022 Apr 18 j 11:52	0° \approx			
min. Earth dist.	-12027 Aug 05 j 19:34	20° \mathbb{B} 08'09	0.98031 AU				-12022 May 19 j 00:07	0° \mathbb{H}			
	-12027 Aug 15 j 10:34	0° \mathbb{II}					-12022 Jun 17 j 22:03	0° \mathbb{Y}			
	-12027 Sep 13 j 19:42	0° \mathbb{B}					-12022 Jul 17 j 09:13	0° \mathbb{B}			
	-12027 Oct 13 j 14:04	0° Ω			min. Earth dist.		-12022 Aug 06 j 04:36	20° \mathbb{B} 17'57	0.98035 AU		
	-12027 Nov 12 j 22:05	0° \mathbb{M}					-12022 Aug 15 j 15:46	0° \mathbb{II}			
	-12027 Dec 13 j 20:40	0° \mathbb{A}					-12022 Sep 14 j 00:55	0° \mathbb{B}			
	-12026 Jan 14 j 06:47	0° \mathbb{M}					-12022 Oct 13 j 19:15	0° Ω			
max. Earth dist.	-12026 Feb 03 j 14:34	19° \mathbb{M} 16'47	1.01963 AU				-12022 Nov 13 j 03:14	0° \mathbb{M}			
	-12026 Feb 14 j 21:59	0° \mathbb{A}					-12022 Dec 14 j 01:48	0° \mathbb{A}			
	-12026 Mar 18 j 10:17	0° \mathbb{B}					-12021 Jan 14 j 11:54	0° \mathbb{M}			
	-12026 Apr 18 j 12:36	0° \approx			max. Earth dist.		-12021 Feb 02 j 16:08	18° \mathbb{M} 11'36	1.01965 AU		
	-12026 May 19 j 00:47	0° \mathbb{H}					-12021 Feb 15 j 03:07	0° \mathbb{A}			
	-12026 Jun 17 j 22:40	0° \mathbb{Y}					-12021 Mar 18 j 15:27	0° \mathbb{B}			
	-12026 Jul 17 j 09:48	0° \mathbb{B}					-12021 Apr 18 j 17:46	0° \approx			
min. Earth dist.	-12026 Aug 04 j 05:36	18° \mathbb{B} 15'47	0.98029 AU				-12021 May 19 j 05:58	0° \mathbb{H}			
	-12026 Aug 15 j 16:18	0° \mathbb{II}					-12021 Jun 18 j 03:52	0° \mathbb{Y}			
	-12026 Sep 14 j 01:24	0° \mathbb{B}					-12021 Jul 17 j 15:02	0° \mathbb{B}			
	-12026 Oct 13 j 19:44	0° Ω			min. Earth dist.		-12021 Aug 05 j 05:18	19° \mathbb{B} 03'15	0.98030 AU		
	-12026 Nov 13 j 03:44	0° \mathbb{M}					-12021 Aug 15 j 21:35	0° \mathbb{II}			
	-12026 Dec 14 j 02:21	0° \mathbb{A}					-12021 Sep 14 j 06:45	0° \mathbb{B}			
	-12025 Jan 14 j 12:30	0° \mathbb{M}					-12021 Oct 14 j 01:07	0° Ω			
max. Earth dist.	-12025 Feb 04 j 12:45	19° \mathbb{M} 55'27	1.01971 AU				-12021 Nov 13 j 09:08	0° \mathbb{M}			
	-12025 Feb 15 j 03:46	0° \mathbb{A}					-12021 Dec 14 j 07:44	0° \mathbb{A}			
	-12025 Mar 18 j 16:06	0° \mathbb{B}					-12020 Jan 14 j 17:50	0° \mathbb{M}			
	-12025 Apr 18 j 18:26	0° \approx			max. Earth dist.		-12020 Feb 05 j 04:19	20° \mathbb{M} 19'53	1.01965 AU		
	-12025 May 19 j 06:38	0° \mathbb{H}					-12020 Feb 15 j 09:00	0° \mathbb{A}			
	-12025 Jun 18 j 04:32	0° \mathbb{Y}					-12020 Mar 17 j 21:17	0° \mathbb{B}			
	-12025 Jul 17 j 15:41	0° \mathbb{B}					-12020 Apr 17 j 23:34	0° \approx			
min. Earth dist.	-12025 Aug 05 j 21:11	19° \mathbb{B} 42'17	0.98034 AU				-12020 May 18 j 11:46	0° \mathbb{H}			
	-12025 Aug 15 j 22:12	0° \mathbb{II}					-12020 Jun 17 j 09:42	0° \mathbb{Y}			
	-12025 Sep 14 j 07:19	0° \mathbb{B}					-12020 Jul 16 j 20:53	0° \mathbb{B}			
	-12025 Oct 14 j 01:39	0° Ω			min. Earth dist.		-12020 Aug 03 j 20:08	18° \mathbb{B} 24'26	0.98037 AU		
	-12025 Nov 13 j 09:38	0° \mathbb{M}					-12020 Aug 15 j 03:28	0° \mathbb{II}			
	-12025 Dec 14 j 08:16	0° \mathbb{A}					-12020 Sep 13 j 12:37	0° \mathbb{B}			
	-12024 Jan 14 j 18:25	0° \mathbb{M}					-12020 Oct 13 j 06:58	0° Ω			
max. Earth dist.	-12024 Feb 02 j 18:52	18° \mathbb{M} 02'34	1.01967 AU				-12020 Nov 12 j 14:57	0° \mathbb{M}			
	-12024 Feb 15 j 09:39	0° \mathbb{A}					-12020 Dec 13 j 13:30	0° \mathbb{A}			
	-12024 Mar 17 j 21:57	0° \mathbb{B}					-12019 Jan 13 j 23:36	0° \mathbb{M}			
	-12024 Apr 18 j 00:14	0° \approx			max. Earth dist.		-12019 Feb 02 j 19:20	18° \mathbb{M} 48'12	1.01966 AU		
	-12024 May 18 j 12:24	0° \mathbb{H}					-12019 Feb 14 j 14:47	0° \mathbb{A}			
	-12024 Jun 17 j 10:19	0° \mathbb{Y}					-12019 Mar 18 j 03:05	0° \mathbb{B}			
	-12024 Jul 16 j 21:30	0° \mathbb{B}					-12019 Apr 18 j 05:24	0° \approx			
min. Earth dist.	-12024 Aug 05 j 03:19	19° \mathbb{B} 43'05	0.98033 AU				-12019 May 18 j 17:38	0° \mathbb{H}			
	-12024 Aug 15 j 04:06	0° \mathbb{II}					-12019 Jun 17 j 15:36	0° \mathbb{Y}			
	-12024 Sep 13 j 13:17	0° \mathbb{B}					-12019 Jul 17 j 02:50	0° \mathbb{B}			
	-12024 Oct 13 j 07:39	0° Ω			min. Earth dist.		-12019 Aug 06 j 01:30	20° \mathbb{B} 26'18	0.98035 AU		
	-12024 Nov 12 j 15:37	0° \mathbb{M}					-12019 Aug 15 j 09:26	0° \mathbb{II}			
	-12024 Dec 13 j 14:11	0° \mathbb{A}					-12019 Sep 13 j 18:36	0° \mathbb{B}			
	-12023 Jan 14 j 00:16	0° \mathbb{M}					-12019 Oct 13 j 12:56	0° Ω			
max. Earth dist.	-12023 Feb 04 j 04:15	20° \mathbb{M} 04'32	1.01963 AU				-12019 Nov 12 j 20:53	0° \mathbb{M}			
	-12023 Feb 14 j 15:27	0° \mathbb{A}					-12019 Dec 13 j 19:26	0° \mathbb{A}			
	-12023 Mar 18 j 03:43	0° \mathbb{B}					-12018 Jan 14 j 05:31	0° \mathbb{M}			
	-12023 Apr 18 j 06:00	0° \approx			max. Earth dist.		-12018 Feb 03 j 02:17	18° \mathbb{M} 50'43	1.01963 AU		
	-12023 May 18 j 18:11	0° \mathbb{H}					-12018 Feb 14 j 20:43	0° \mathbb{A}			
	-12023 Jun 17 j 16:06	0° \mathbb{Y}					-12018 Mar 18 j 09:01	0° \mathbb{B}			
	-12023 Jul 17 j 03:18	0° \mathbb{B}					-12018 Apr 18 j 11:19	0° \approx			
min. Earth dist.	-12023 Aug 03 j 20:33	18° \mathbb{B} 09'01	0.98036 AU				-12018 May 18 j 23:31	0° \mathbb{H}			
	-12023 Aug 15 j 09:53	0° \mathbb{II}					-12018 Jun 17 j 21:26	0° \mathbb{Y}			
	-12023 Sep 13 j 19:03	0° \mathbb{B}					-12018 Jul 17 j 08:37	0° \mathbb{B}			

min. Earth dist.	-12018 Aug 04 j 10:35	18°♄31'32	0.98032 AU	min. Earth dist.	-12013 May 19 j 05:00	0°♂	min. Earth dist.	-12013 May 19 j 05:00	0°♂
	-12018 Aug 15 j 15:11	0°♂			-12013 Jun 18 j 02:58	0°♂			
	-12018 Sep 14 j 00:20	0°♂			-12013 Jul 17 j 14:10	0°♂			
	-12018 Oct 13 j 18:40	0°♂			-12013 Aug 05 j 15:58	19°♄32'49		0.98028 AU	
	-12018 Nov 13 j 02:37	0°♂			-12013 Aug 15 j 20:42	0°♂			
	-12018 Dec 14 j 01:11	0°♂			-12013 Sep 14 j 05:47	0°♂			
max. Earth dist.	-12017 Jan 14 j 11:19	0°♂		max. Earth dist.	-12013 Oct 14 j 00:02	0°♂	max. Earth dist.	-12013 Oct 14 j 00:02	0°♂
	-12017 Feb 04 j 18:44	20°♂12'26	1.01971 AU		-12013 Nov 13 j 07:56	0°♂			
	-12017 Feb 15 j 02:35	0°♂			-12013 Dec 14 j 06:27	0°♂			
	-12017 Mar 18 j 14:56	0°♂			-12012 Jan 14 j 16:33	0°♂			
	-12017 Apr 18 j 17:16	0°♂			-12012 Feb 05 j 06:05	20°♂27'04		1.01968 AU	
	-12017 May 19 j 05:28	0°♂			-12012 Feb 15 j 07:46	0°♂			
min. Earth dist.	-12017 Jun 18 j 03:21	0°♂		min. Earth dist.	-12012 Mar 17 j 20:08	0°♂	min. Earth dist.	-12012 Mar 17 j 20:08	0°♂
	-12017 Jul 17 j 14:30	0°♂			-12012 Apr 17 j 22:30	0°♂			
	-12017 Aug 05 j 08:37	19°♄12'59	0.98036 AU		-12012 May 18 j 10:45	0°♂			
	-12017 Aug 15 j 21:02	0°♂			-12012 Jun 17 j 08:44	0°♂			
	-12017 Sep 14 j 06:11	0°♂			-12012 Jul 16 j 19:58	0°♂			
	-12017 Oct 14 j 00:33	0°♂			-12012 Aug 03 j 18:44	18°♄23'10		0.98036 AU	
max. Earth dist.	-12017 Nov 13 j 08:32	0°♂		max. Earth dist.	-12012 Aug 15 j 02:32	0°♂	max. Earth dist.	-12012 Aug 15 j 02:32	0°♂
	-12017 Dec 14 j 07:08	0°♂			-12012 Sep 13 j 11:39	0°♂			
	-12016 Jan 14 j 17:16	0°♂			-12012 Oct 13 j 05:54	0°♂			
	-12016 Feb 02 j 23:34	18°♂16'23	1.01968 AU		-12012 Nov 12 j 13:45	0°♂			
	-12016 Feb 15 j 08:31	0°♂			-12012 Dec 13 j 12:11	0°♂			
	-12016 Mar 17 j 20:51	0°♂			-12011 Jan 13 j 22:12	0°♂			
min. Earth dist.	-12016 Apr 17 j 23:11	0°♂		min. Earth dist.	-12011 Feb 03 j 06:54	19°♂18'49	min. Earth dist.	-12011 Feb 03 j 06:54	19°♂18'49
	-12016 May 18 j 11:22	0°♂			-12011 Feb 14 j 13:25	0°♂			
	-12016 Jun 17 j 09:16	0°♂			-12011 Mar 18 j 01:48	0°♂			
	-12016 Jul 16 j 20:26	0°♂			-12011 Apr 18 j 04:14	0°♂			
	-12016 Aug 05 j 07:59	19°♄57'54	0.98031 AU		-12011 May 18 j 16:33	0°♂			
	-12016 Aug 15 j 02:59	0°♂			-12011 Jun 17 j 14:35	0°♂			
max. Earth dist.	-12016 Sep 13 j 12:09	0°♂		max. Earth dist.	-12011 Jul 17 j 01:50	0°♂	max. Earth dist.	-12011 Jul 17 j 01:50	0°♂
	-12016 Oct 13 j 06:31	0°♂			-12011 Aug 06 j 04:58	20°♄37'43		0.98036 AU	
	-12016 Nov 12 j 14:30	0°♂			-12011 Aug 15 j 08:27	0°♂			
	-12016 Dec 13 j 13:04	0°♂			-12011 Sep 13 j 17:35	0°♂			
	-12015 Jan 13 j 23:10	0°♂			-12011 Oct 13 j 11:51	0°♂			
	-12015 Feb 03 j 20:51	19°♂49'41	1.01964 AU		-12011 Nov 12 j 19:41	0°♂			
min. Earth dist.	-12015 Feb 14 j 14:22	0°♂		min. Earth dist.	-12011 Dec 13 j 18:07	0°♂	min. Earth dist.	-12011 Dec 13 j 18:07	0°♂
	-12015 Mar 18 j 02:40	0°♂			-12010 Jan 14 j 04:07	0°♂			
	-12015 Apr 18 j 05:01	0°♂			-12010 Feb 02 j 23:55	18°♂48'31		1.01963 AU	
	-12015 May 18 j 17:15	0°♂			-12010 Feb 14 j 19:18	0°♂			
	-12015 Jun 17 j 15:11	0°♂			-12010 Mar 18 j 07:40	0°♂			
	-12015 Jul 17 j 02:21	0°♂			-12010 Apr 18 j 10:05	0°♂			
max. Earth dist.	-12015 Aug 03 j 21:58	18°♄15'15	0.98030 AU	max. Earth dist.	-12010 May 18 j 22:24	0°♂	max. Earth dist.	-12010 May 18 j 22:24	0°♂
	-12015 Aug 15 j 08:51	0°♂			-12010 Jun 17 j 20:24	0°♂			
	-12015 Sep 13 j 17:56	0°♂			-12010 Jul 17 j 07:36	0°♂			
	-12015 Oct 13 j 12:12	0°♂			-12010 Aug 04 j 18:38	18°♄54'50		0.98031 AU	
	-12015 Nov 12 j 20:07	0°♂			-12010 Aug 15 j 14:10	0°♂			
	-12015 Dec 13 j 18:39	0°♂			-12010 Sep 13 j 23:17	0°♂			
min. Earth dist.	-12014 Jan 14 j 04:45	0°♂		min. Earth dist.	-12010 Oct 13 j 17:33	0°♂	min. Earth dist.	-12010 Oct 13 j 17:33	0°♂
	-12014 Feb 04 j 02:33	19°♂49'43	1.01972 AU		-12010 Nov 13 j 01:26	0°♂			
	-12014 Feb 14 j 20:00	0°♂			-12010 Dec 13 j 23:54	0°♂			
	-12014 Mar 18 j 08:25	0°♂			-12009 Jan 14 j 09:55	0°♂			
	-12014 Apr 18 j 10:51	0°♂			-12009 Feb 05 j 02:35	20°♂34'28		1.01967 AU	
	-12014 May 18 j 23:09	0°♂			-12009 Feb 15 j 01:07	0°♂			
max. Earth dist.	-12014 Jun 17 j 21:08	0°♂		max. Earth dist.	-12009 Mar 18 j 13:28	0°♂	max. Earth dist.	-12009 Mar 18 j 13:28	0°♂
	-12014 Jul 17 j 08:18	0°♂			-12009 Apr 18 j 15:54	0°♂			
	-12014 Aug 06 j 04:02	20°♄18'50	0.98031 AU		-12009 May 19 j 04:13	0°♂			
	-12014 Aug 15 j 14:48	0°♂			-12009 Jun 18 j 02:13	0°♂			
	-12014 Sep 13 j 23:51	0°♂			-12009 Jul 17 j 13:25	0°♂			
	-12014 Oct 13 j 18:05	0°♂			-12009 Aug 05 j 03:23	19°♄02'13		0.98036 AU	
min. Earth dist.	-12014 Nov 13 j 01:59	0°♂		min. Earth dist.	-12009 Aug 15 j 19:58	0°♂	min. Earth dist.	-12009 Aug 15 j 19:58	0°♂
	-12014 Dec 14 j 00:32	0°♂			-12009 Sep 14 j 05:04	0°♂			
	-12013 Jan 14 j 10:41	0°♂			-12009 Oct 13 j 23:22	0°♂			
	-12013 Feb 02 j 14:56	18°♂11'34	1.01970 AU		-12009 Nov 13 j 07:17	0°♂			
	-12013 Feb 15 j 01:57	0°♂			-12009 Dec 14 j 05:47	0°♂			
	-12013 Mar 18 j 14:21	0°♂			-12008 Jan 14 j 15:50	0°♂			
max. Earth dist.	-12013 Apr 18 j 16:44	0°♂		max. Earth dist.	-12008 Feb 03 j 06:37	18°♂36'31	max. Earth dist.	-12008 Feb 03 j 06:37	18°♂36'31

Attention, astronomical year style is used: The year -12008 in astronomical counting style is the year 12009 BCE in historical counting style.

	-12008 Feb 15 j 07:01	0°♌					-12004 Dec 13 j 10:44	0°♊			
	-12008 Mar 17 j 19:20	0°♈					-12003 Jan 13 j 20:45	0°♌			
	-12008 Apr 17 j 21:42	0°♍			max. Earth dist.		-12003 Feb 03 j 14:31	19°♌40'18	1.01969 AU		
	-12008 May 18 j 10:00	0°♎					-12003 Feb 14 j 11:57	0°♌			
	-12008 Jun 17 j 08:02	0°♏					-12003 Mar 18 j 00:22	0°♈			
	-12008 Jul 16 j 19:17	0°♐					-12003 Apr 18 j 02:51	0°♍			
min. Earth dist.	-12008 Aug 05 j 17:35	20°♐25'21	0.98035 AU				-12003 May 18 j 15:14	0°♎			
	-12008 Aug 15 j 01:53	0°♑					-12003 Jun 17 j 13:17	0°♏			
	-12008 Sep 13 j 11:01	0°♒					-12003 Jul 17 j 00:32	0°♐			
	-12008 Oct 13 j 05:18	0°♓			min. Earth dist.		-12003 Aug 06 j 05:15	20°♐41'51	0.98033 AU		
	-12008 Nov 12 j 13:13	0°♑					-12003 Aug 15 j 07:04	0°♑			
	-12008 Dec 13 j 11:42	0°♒					-12003 Sep 13 j 16:08	0°♒			
	-12007 Jan 13 j 21:44	0°♓					-12003 Oct 13 j 10:20	0°♓			
max. Earth dist.	-12007 Feb 03 j 10:36	19°♓28'55	1.01960 AU				-12003 Nov 12 j 18:10	0°♑			
	-12007 Feb 14 j 12:53	0°♌					-12003 Dec 13 j 16:36	0°♒			
	-12007 Mar 18 j 01:10	0°♈					-12002 Jan 14 j 02:38	0°♓			
	-12007 Apr 18 j 03:30	0°♍			max. Earth dist.		-12002 Feb 02 j 16:56	18°♓35'28	1.01966 AU		
	-12007 May 18 j 15:47	0°♎					-12002 Feb 14 j 17:51	0°♌			
	-12007 Jun 17 j 13:49	0°♏					-12002 Mar 18 j 06:16	0°♈			
	-12007 Jul 17 j 01:05	0°♐					-12002 Apr 18 j 08:45	0°♍			
min. Earth dist.	-12007 Aug 04 j 03:32	18°♐32'39	0.98034 AU				-12002 May 18 j 21:08	0°♎			
	-12007 Aug 15 j 07:40	0°♑					-12002 Jun 17 j 19:11	0°♏			
	-12007 Sep 13 j 16:46	0°♒					-12002 Jul 17 j 06:24	0°♐			
	-12007 Oct 13 j 10:59	0°♓			min. Earth dist.		-12002 Aug 05 j 04:21	19°♐22'56	0.98027 AU		
	-12007 Nov 12 j 18:49	0°♑					-12002 Aug 15 j 12:55	0°♑			
	-12007 Dec 13 j 17:16	0°♒					-12002 Sep 13 j 21:57	0°♒			
	-12006 Jan 14 j 03:19	0°♓					-12002 Oct 13 j 16:08	0°♓			
max. Earth dist.	-12006 Feb 04 j 09:54	20°♓10'33	1.01970 AU				-12002 Nov 12 j 23:56	0°♑			
	-12006 Feb 14 j 18:32	0°♌					-12002 Dec 13 j 22:23	0°♒			
	-12006 Mar 18 j 06:55	0°♈					-12001 Jan 14 j 08:27	0°♓			
	-12006 Apr 18 j 09:21	0°♍			max. Earth dist.		-12001 Feb 05 j 04:13	20°♓41'47	1.01970 AU		
	-12006 May 18 j 21:39	0°♎					-12001 Feb 14 j 23:41	0°♌			
	-12006 Jun 17 j 19:40	0°♏					-12001 Mar 18 j 12:06	0°♈			
	-12006 Jul 17 j 06:55	0°♐					-12001 Apr 18 j 14:34	0°♍			
min. Earth dist.	-12006 Aug 05 j 20:40	20°♐03'21	0.98036 AU				-12001 May 19 j 02:57	0°♎			
	-12006 Aug 15 j 13:29	0°♑					-12001 Jun 18 j 01:01	0°♏			
	-12006 Sep 13 j 22:34	0°♒					-12001 Jul 17 j 12:16	0°♐			
	-12006 Oct 13 j 16:48	0°♓			min. Earth dist.		-12001 Aug 04 j 23:19	18°♐54'44	0.98034 AU		
	-12006 Nov 13 j 00:39	0°♑					-12001 Aug 15 j 18:49	0°♑			
	-12006 Dec 13 j 23:07	0°♒					-12001 Sep 14 j 03:51	0°♒			
	-12005 Jan 14 j 09:13	0°♓					-12001 Oct 13 j 22:02	0°♓			
max. Earth dist.	-12005 Feb 02 j 17:18	18°♓20'38	1.01970 AU				-12001 Nov 13 j 05:50	0°♑			
	-12005 Feb 15 j 00:29	0°♌					-12001 Dec 14 j 04:16	0°♒			
	-12005 Mar 18 j 12:53	0°♈					-12000 Jan 14 j 14:19	0°♓			
	-12005 Apr 18 j 15:17	0°♍			max. Earth dist.		-12000 Feb 03 j 15:22	19°♓00'44	1.01970 AU		
	-12005 May 19 j 03:34	0°♎					-12000 Feb 15 j 05:33	0°♌			
	-12005 Jun 18 j 01:32	0°♏					-12000 Mar 17 j 17:58	0°♈			
	-12005 Jul 17 j 12:44	0°♐					-12000 Apr 17 j 20:25	0°♍			
min. Earth dist.	-12005 Aug 05 j 20:43	19°♐48'44	0.98030 AU				-12000 May 18 j 08:47	0°♎			
	-12005 Aug 15 j 19:17	0°♑					-12000 Jun 17 j 06:52	0°♏			
	-12005 Sep 14 j 04:24	0°♒					-12000 Jul 16 j 18:10	0°♐			
	-12005 Oct 13 j 22:41	0°♓			min. Earth dist.		-12000 Aug 05 j 23:37	20°♐43'39	0.98035 AU		
	-12005 Nov 13 j 06:34	0°♑					-12000 Aug 15 j 00:47	0°♑			
	-12005 Dec 14 j 05:03	0°♒					-12000 Sep 13 j 09:53	0°♒			
	-12004 Jan 14 j 15:06	0°♓					-12000 Oct 13 j 04:05	0°♓			
max. Earth dist.	-12004 Feb 05 j 03:24	20°♓24'13	1.01966 AU				-12000 Nov 12 j 11:53	0°♑			
	-12004 Feb 15 j 06:19	0°♌					-12000 Dec 13 j 10:16	0°♒			
	-12004 Mar 17 j 18:42	0°♈					-11999 Jan 13 j 20:16	0°♓			
	-12004 Apr 17 j 21:06	0°♍			max. Earth dist.		-11999 Feb 03 j 05:39	19°♓20'39	1.01963 AU		
	-12004 May 18 j 09:23	0°♎					-11999 Feb 14 j 11:27	0°♌			
	-12004 Jun 17 j 07:22	0°♏					-11999 Mar 17 j 23:50	0°♈			
	-12004 Jul 16 j 18:34	0°♐					-11999 Apr 18 j 02:17	0°♍			
min. Earth dist.	-12004 Aug 03 j 15:06	18°♐17'29	0.98033 AU				-11999 May 18 j 14:40	0°♎			
	-12004 Aug 15 j 01:07	0°♑					-11999 Jun 17 j 12:45	0°♏			
	-12004 Sep 13 j 10:13	0°♒					-11999 Jul 17 j 00:02	0°♐			
	-12004 Oct 13 j 04:28	0°♓			min. Earth dist.		-11999 Aug 04 j 09:08	18°♐49'46	0.98033 AU		
	-12004 Nov 12 j 12:19	0°♑					-11999 Aug 15 j 06:38	0°♑			

Attention, astronomical year style is used: The year -11999 in astronomical counting style is the year 12000 BCE in historical counting style.

	-11999 Sep 13 j 15:42	0°☾					-11994 Jul 17 j 05:22	0°♄			
	-11999 Oct 13 j 09:53	0°♌			min. Earth dist.		-11994 Aug 05 j 11:08	19°♄42'56	0.98031 AU		
	-11999 Nov 12 j 17:37	0°♍					-11994 Aug 15 j 11:56	0°♊			
	-11999 Dec 13 j 15:58	0°♋					-11994 Sep 13 j 21:00	0°☾			
	-11998 Jan 14 j 01:56	0°♍					-11994 Oct 13 j 15:11	0°♌			
max. Earth dist.	-11998 Feb 04 j 20:40	20°♍39'21	1.01969 AU				-11994 Nov 12 j 22:57	0°♍			
	-11998 Feb 14 j 17:08	0°♊					-11994 Dec 13 j 21:19	0°♋			
	-11998 Mar 18 j 05:36	0°♎					-11993 Jan 14 j 07:20	0°♍			
	-11998 Apr 18 j 08:08	0°♏			max. Earth dist.		-11993 Feb 05 j 05:59	20°♍48'43	1.01968 AU		
	-11998 May 18 j 20:34	0°♏					-11993 Feb 14 j 22:33	0°♊			
	-11998 Jun 17 j 18:40	0°♍					-11993 Mar 18 j 10:58	0°♎			
	-11998 Jul 17 j 05:56	0°♄					-11993 Apr 18 j 13:28	0°♏			
min. Earth dist.	-11998 Aug 05 j 13:41	19°♄47'52	0.98035 AU				-11993 May 19 j 01:51	0°♏			
	-11998 Aug 15 j 12:29	0°♊					-11993 Jun 17 j 23:55	0°♍			
	-11998 Sep 13 j 21:32	0°☾					-11993 Jul 17 j 11:10	0°♄			
	-11998 Oct 13 j 15:44	0°♌			min. Earth dist.		-11993 Aug 04 j 15:16	18°♄36'51	0.98034 AU		
	-11998 Nov 12 j 23:30	0°♍					-11993 Aug 15 j 17:43	0°♊			
	-11998 Dec 13 j 21:54	0°♋					-11993 Sep 14 j 02:47	0°☾			
	-11997 Jan 14 j 07:55	0°♍					-11993 Oct 13 j 20:59	0°♌			
max. Earth dist.	-11997 Feb 02 j 23:41	18°♍38'52	1.01968 AU				-11993 Nov 13 j 04:46	0°♍			
	-11997 Feb 14 j 23:08	0°♊					-11993 Dec 14 j 03:09	0°♋			
	-11997 Mar 18 j 11:34	0°♎					-11992 Jan 14 j 13:08	0°♍			
	-11997 Apr 18 j 14:04	0°♏			max. Earth dist.		-11992 Feb 04 j 00:37	19°♍25'26	1.01969 AU		
	-11997 May 19 j 02:29	0°♏					-11992 Feb 15 j 04:21	0°♊			
	-11997 Jun 18 j 00:33	0°♍					-11992 Mar 17 j 16:46	0°♎			
	-11997 Jul 17 j 11:49	0°♄					-11992 Apr 17 j 19:17	0°♏			
min. Earth dist.	-11997 Aug 06 j 06:33	20°♄16'17	0.98030 AU				-11992 May 18 j 07:41	0°♏			
	-11997 Aug 15 j 18:22	0°♊					-11992 Jun 17 j 05:47	0°♍			
	-11997 Sep 14 j 03:26	0°☾					-11992 Jul 16 j 17:03	0°♄			
	-11997 Oct 13 j 21:39	0°♌			min. Earth dist.		-11992 Aug 06 j 00:12	20°♄48'04	0.98034 AU		
	-11997 Nov 13 j 05:29	0°♍					-11992 Aug 14 j 23:37	0°♊			
	-11997 Dec 14 j 03:54	0°♋					-11992 Sep 13 j 08:42	0°☾			
	-11996 Jan 14 j 13:54	0°♍					-11992 Oct 13 j 02:54	0°♌			
max. Earth dist.	-11996 Feb 04 j 21:18	20°♍12'42	1.01963 AU				-11992 Nov 12 j 10:41	0°♍			
	-11996 Feb 15 j 05:05	0°♊					-11992 Dec 13 j 09:04	0°♋			
	-11996 Mar 17 j 17:26	0°♎					-11991 Jan 13 j 19:02	0°♍			
	-11996 Apr 17 j 19:53	0°♏			max. Earth dist.		-11991 Feb 02 j 20:57	19°♍03'03	1.01963 AU		
	-11996 May 18 j 08:16	0°♏					-11991 Feb 14 j 10:12	0°♊			
	-11996 Jun 17 j 06:22	0°♍					-11991 Mar 17 j 22:37	0°♎			
	-11996 Jul 16 j 17:40	0°♄					-11991 Apr 18 j 01:07	0°♏			
min. Earth dist.	-11996 Aug 03 j 20:39	18°♄33'57	0.98034 AU				-11991 May 18 j 13:33	0°♏			
	-11996 Aug 15 j 00:16	0°♊					-11991 Jun 17 j 11:41	0°♍			
	-11996 Sep 13 j 09:20	0°☾					-11991 Jul 16 j 22:58	0°♄			
	-11996 Oct 13 j 03:31	0°♌			min. Earth dist.		-11991 Aug 04 j 16:43	19°♄12'05	0.98028 AU		
	-11996 Nov 12 j 11:17	0°♍					-11991 Aug 15 j 05:30	0°♊			
	-11996 Dec 13 j 09:38	0°♋					-11991 Sep 13 j 14:30	0°☾			
	-11995 Jan 13 j 19:36	0°♍					-11991 Oct 13 j 08:36	0°♌			
max. Earth dist.	-11995 Feb 03 j 22:11	20°♍01'12	1.01967 AU				-11991 Nov 12 j 16:19	0°♍			
	-11995 Feb 14 j 10:45	0°♊					-11991 Dec 13 j 14:39	0°♋			
	-11995 Mar 17 j 23:09	0°♎					-11990 Jan 14 j 00:37	0°♍			
	-11995 Apr 18 j 01:38	0°♏			max. Earth dist.		-11990 Feb 05 j 00:47	20°♍52'14	1.01969 AU		
	-11995 May 18 j 14:04	0°♏					-11990 Feb 14 j 15:49	0°♊			
	-11995 Jun 17 j 12:13	0°♍					-11990 Mar 18 j 04:17	0°♎			
	-11995 Jul 16 j 23:33	0°♄					-11990 Apr 18 j 06:52	0°♏			
min. Earth dist.	-11995 Aug 06 j 05:24	20°♄44'34	0.98038 AU				-11990 May 18 j 19:22	0°♏			
	-11995 Aug 15 j 06:10	0°♊					-11990 Jun 17 j 17:31	0°♍			
	-11995 Sep 13 j 15:14	0°☾					-11990 Jul 17 j 04:48	0°♄			
	-11995 Oct 13 j 09:24	0°♌			min. Earth dist.		-11990 Aug 05 j 08:37	19°♄37'43	0.98033 AU		
	-11995 Nov 12 j 17:08	0°♍					-11990 Aug 15 j 11:20	0°♊			
	-11995 Dec 13 j 15:30	0°♋					-11990 Sep 13 j 20:19	0°☾			
	-11994 Jan 14 j 01:29	0°♍					-11990 Oct 13 j 14:24	0°♌			
max. Earth dist.	-11994 Feb 02 j 16:01	18°♍36'03	1.01966 AU				-11990 Nov 12 j 22:05	0°♍			
	-11994 Feb 14 j 16:41	0°♊					-11990 Dec 13 j 20:27	0°♋			
	-11994 Mar 18 j 05:06	0°♎					-11989 Jan 14 j 06:28	0°♍			
	-11994 Apr 18 j 07:36	0°♏			max. Earth dist.		-11989 Feb 03 j 04:16	18°♍53'04	1.01971 AU		
	-11994 May 18 j 20:00	0°♏					-11989 Feb 14 j 21:43	0°♊			
	-11994 Jun 17 j 18:05	0°♍					-11989 Mar 18 j 10:11	0°♎			

Attention, astronomical year style is used: The year -11898 in astronomical counting style is the year 11990 BCE in historical counting style.

	-11898 Apr 18 j 12:44	0°≈		max. Earth dist.	-11884 Feb 04 j 08:26	19°Ⅲ47'33	1.01967 AU
	-11898 May 19 j 01:12	0°Ⅰ			-11884 Feb 15 j 02:48	0°Ⅰ	
	-11898 Jun 17 j 23:20	0°Ⅱ			-11884 Mar 17 j 15:12	0°Ⅲ	
	-11898 Jul 17 j 10:39	0°Ⅲ			-11884 Apr 17 j 17:45	0°≈	
min. Earth dist.	-11889 Aug 06 j 15:33	20°Ⅲ42'19	0.98031 AU		-11884 May 18 j 06:14	0°Ⅰ	
	-11889 Aug 15 j 17:13	0°Ⅲ			-11884 Jun 17 j 04:26	0°Ⅱ	
	-11889 Sep 14 j 02:14	0°Ⅳ			-11884 Jul 16 j 15:47	0°Ⅲ	
	-11889 Oct 13 j 20:21	0°Ⅳ		min. Earth dist.	-11884 Aug 06 j 03:58	21°Ⅲ00'50	0.98037 AU
	-11889 Nov 13 j 04:04	0°Ⅴ			-11884 Aug 14 j 22:24	0°Ⅲ	
	-11889 Dec 14 j 02:24	0°Ⅴ			-11884 Sep 13 j 07:27	0°Ⅳ	
	-11888 Jan 14 j 12:23	0°Ⅴ			-11884 Oct 13 j 01:35	0°Ⅳ	
max. Earth dist.	-11888 Feb 04 j 13:13	19°Ⅲ57'10	1.01965 AU		-11884 Nov 12 j 09:18	0°Ⅴ	
	-11888 Feb 15 j 03:36	0°Ⅰ			-11884 Dec 13 j 07:37	0°Ⅴ	
	-11888 Mar 17 j 16:01	0°Ⅲ			-11883 Jan 13 j 17:34	0°Ⅴ	
	-11888 Apr 17 j 18:32	0°≈		max. Earth dist.	-11883 Feb 02 j 14:03	18°Ⅲ50'11	1.01963 AU
	-11888 May 18 j 06:58	0°Ⅰ			-11883 Feb 14 j 08:45	0°Ⅰ	
	-11888 Jun 17 j 05:06	0°Ⅱ			-11883 Mar 17 j 21:09	0°Ⅲ	
	-11888 Jul 16 j 16:27	0°Ⅲ			-11883 Apr 17 j 23:41	0°≈	
min. Earth dist.	-11888 Aug 04 j 00:49	18°Ⅲ47'48	0.98035 AU		-11883 May 18 j 12:09	0°Ⅰ	
	-11888 Aug 14 j 23:03	0°Ⅲ			-11883 Jun 17 j 10:21	0°Ⅱ	
	-11888 Sep 13 j 08:07	0°Ⅳ			-11883 Jul 16 j 21:42	0°Ⅲ	
	-11888 Oct 13 j 02:13	0°Ⅳ		min. Earth dist.	-11883 Aug 05 j 01:29	19°Ⅲ37'43	0.98031 AU
	-11888 Nov 12 j 09:52	0°Ⅴ			-11883 Aug 15 j 04:18	0°Ⅲ	
	-11888 Dec 13 j 08:07	0°Ⅴ			-11883 Sep 13 j 13:18	0°Ⅳ	
	-11887 Jan 13 j 18:01	0°Ⅴ			-11883 Oct 13 j 07:22	0°Ⅳ	
max. Earth dist.	-11887 Feb 04 j 08:44	20°Ⅲ29'58	1.01968 AU		-11883 Nov 12 j 15:01	0°Ⅴ	
	-11887 Feb 14 j 09:10	0°Ⅰ			-11883 Dec 13 j 13:17	0°Ⅴ	
	-11887 Mar 17 j 21:38	0°Ⅲ			-11882 Jan 13 j 23:14	0°Ⅴ	
	-11887 Apr 18 j 00:13	0°≈		max. Earth dist.	-11882 Feb 05 j 03:40	21°Ⅲ02'23	1.01969 AU
	-11887 May 18 j 12:43	0°Ⅰ			-11882 Feb 14 j 14:26	0°Ⅰ	
	-11887 Jun 17 j 10:54	0°Ⅱ			-11882 Mar 18 j 02:55	0°Ⅲ	
	-11887 Jul 16 j 22:15	0°Ⅲ			-11882 Apr 18 j 05:31	0°≈	
min. Earth dist.	-11887 Aug 05 j 23:15	20°Ⅲ32'03	0.98039 AU		-11882 May 18 j 18:01	0°Ⅰ	
	-11887 Aug 15 j 04:53	0°Ⅲ			-11882 Jun 17 j 16:11	0°Ⅱ	
	-11887 Sep 13 j 13:56	0°Ⅳ			-11882 Jul 17 j 03:31	0°Ⅲ	
	-11887 Oct 13 j 08:03	0°Ⅳ		min. Earth dist.	-11882 Aug 04 j 22:41	19°Ⅲ15'28	0.98035 AU
	-11887 Nov 12 j 15:43	0°Ⅴ			-11882 Aug 15 j 10:05	0°Ⅲ	
	-11887 Dec 13 j 13:59	0°Ⅴ			-11882 Sep 13 j 19:05	0°Ⅳ	
	-11886 Jan 13 j 23:54	0°Ⅴ			-11882 Oct 13 j 13:10	0°Ⅳ	
max. Earth dist.	-11886 Feb 02 j 20:59	18°Ⅲ51'36	1.01966 AU		-11882 Nov 12 j 20:49	0°Ⅴ	
	-11886 Feb 14 j 15:04	0°Ⅰ			-11882 Dec 13 j 19:06	0°Ⅴ	
	-11886 Mar 18 j 03:33	0°Ⅲ			-11881 Jan 14 j 05:05	0°Ⅴ	
	-11886 Apr 18 j 06:08	0°≈		max. Earth dist.	-11881 Feb 03 j 12:17	19°Ⅲ15'15	1.01972 AU
	-11886 May 18 j 18:39	0°Ⅰ			-11881 Feb 14 j 20:21	0°Ⅰ	
	-11886 Jun 17 j 16:48	0°Ⅱ			-11881 Mar 18 j 08:52	0°Ⅲ	
	-11886 Jul 17 j 04:06	0°Ⅲ			-11881 Apr 18 j 11:28	0°≈	
min. Earth dist.	-11886 Aug 05 j 18:59	20°Ⅲ06'19	0.98030 AU		-11881 May 18 j 23:57	0°Ⅰ	
	-11886 Aug 15 j 10:40	0°Ⅲ			-11881 Jun 17 j 22:06	0°Ⅱ	
	-11886 Sep 13 j 19:42	0°Ⅳ			-11881 Jul 17 j 09:24	0°Ⅲ	
	-11886 Oct 13 j 13:50	0°Ⅳ		min. Earth dist.	-11881 Aug 06 j 17:53	20°Ⅲ51'31	0.98032 AU
	-11886 Nov 12 j 21:33	0°Ⅴ			-11881 Aug 15 j 15:58	0°Ⅲ	
	-11886 Dec 13 j 19:52	0°Ⅴ			-11881 Sep 14 j 00:59	0°Ⅳ	
	-11885 Jan 14 j 05:48	0°Ⅴ			-11881 Oct 13 j 19:07	0°Ⅳ	
max. Earth dist.	-11885 Feb 05 j 05:40	20°Ⅲ51'43	1.01965 AU		-11881 Nov 13 j 02:49	0°Ⅴ	
	-11885 Feb 14 j 20:58	0°Ⅰ			-11881 Dec 14 j 01:08	0°Ⅴ	
	-11885 Mar 18 j 09:24	0°Ⅲ			-11880 Jan 14 j 11:05	0°Ⅴ	
	-11885 Apr 18 j 11:58	0°≈		max. Earth dist.	-11880 Feb 04 j 04:58	19°Ⅲ40'47	1.01965 AU
	-11885 May 19 j 00:27	0°Ⅰ			-11880 Feb 15 j 02:18	0°Ⅰ	
	-11885 Jun 17 j 22:37	0°Ⅱ			-11880 Mar 17 j 14:47	0°Ⅲ	
	-11885 Jul 17 j 09:56	0°Ⅲ			-11880 Apr 17 j 17:22	0°≈	
min. Earth dist.	-11885 Aug 04 j 16:32	18°Ⅲ43'16	0.98033 AU		-11880 May 18 j 05:52	0°Ⅰ	
	-11885 Aug 15 j 16:29	0°Ⅲ			-11880 Jun 17 j 04:01	0°Ⅱ	
	-11885 Sep 14 j 01:30	0°Ⅳ			-11880 Jul 16 j 15:20	0°Ⅲ	
	-11885 Oct 13 j 19:39	0°Ⅳ		min. Earth dist.	-11880 Aug 04 j 04:24	18°Ⅲ59'59	0.98030 AU
	-11885 Nov 13 j 03:22	0°Ⅴ			-11880 Aug 14 j 21:54	0°Ⅲ	
	-11885 Dec 14 j 01:42	0°Ⅴ			-11880 Sep 13 j 06:54	0°Ⅳ	
	-11884 Jan 14 j 11:38	0°Ⅴ			-11880 Oct 13 j 00:59	0°Ⅳ	

Attention, astronomical year style is used: The year -11980 in astronomical counting style is the year 11981 BCE in historical counting style.

	-11980 Nov 12 j 08:37	0° \mathbb{M}					-11975 Aug 15 j 03:22	0° \mathbb{I}			
	-11980 Dec 13 j 06:51	0° \mathbb{L}					-11975 Sep 13 j 12:22	0° \mathbb{G}			
	-11979 Jan 13 j 16:44	0° \mathbb{M}					-11975 Oct 13 j 06:24	0° \mathbb{O}			
max. Earth dist.	-11979 Feb 04 j 16:16	20° \mathbb{M} 50'50	1.01968 AU				-11975 Nov 12 j 13:58	0° \mathbb{M}			
	-11979 Feb 14 j 07:54	0° \mathbb{J}					-11975 Dec 13 j 12:08	0° \mathbb{L}			
	-11979 Mar 17 j 20:24	0° \mathbb{Z}					-11974 Jan 13 j 21:59	0° \mathbb{M}			
	-11979 Apr 17 j 23:03	0° \mathbb{A}				max. Earth dist.	-11974 Feb 05 j 08:43	21° \mathbb{M} 17'28	1.01966 AU		
	-11979 May 18 j 11:39	0° \mathbb{H}					-11974 Feb 14 j 13:08	0° \mathbb{J}			
	-11979 Jun 17 j 09:54	0° \mathbb{Y}					-11974 Mar 18 j 01:38	0° \mathbb{Z}			
	-11979 Jul 16 j 21:15	0° \mathbb{B}					-11974 Apr 18 j 04:19	0° \mathbb{A}			
min. Earth dist.	-11979 Aug 05 j 16:39	20° \mathbb{B} 17'44	0.98034 AU				-11974 May 18 j 16:56	0° \mathbb{H}			
	-11979 Aug 15 j 03:48	0° \mathbb{I}					-11974 Jun 17 j 15:12	0° \mathbb{Y}			
	-11979 Sep 13 j 12:47	0° \mathbb{G}					-11974 Jul 17 j 02:34	0° \mathbb{B}			
	-11979 Oct 13 j 06:49	0° \mathbb{O}				min. Earth dist.	-11974 Aug 04 j 18:41	19° \mathbb{B} 07'39	0.98035 AU		
	-11979 Nov 12 j 14:26	0° \mathbb{M}					-11974 Aug 15 j 09:08	0° \mathbb{I}			
	-11979 Dec 13 j 12:41	0° \mathbb{L}					-11974 Sep 13 j 18:07	0° \mathbb{G}			
	-11978 Jan 13 j 22:37	0° \mathbb{M}					-11974 Oct 13 j 12:09	0° \mathbb{O}			
max. Earth dist.	-11978 Feb 02 j 23:55	19° \mathbb{M} 01'32	1.01969 AU				-11974 Nov 12 j 19:45	0° \mathbb{M}			
	-11978 Feb 14 j 13:50	0° \mathbb{J}					-11974 Dec 13 j 17:58	0° \mathbb{L}			
	-11978 Mar 18 j 02:21	0° \mathbb{Z}					-11973 Jan 14 j 03:51	0° \mathbb{M}			
	-11978 Apr 18 j 05:01	0° \mathbb{A}				max. Earth dist.	-11973 Feb 03 j 21:44	19° \mathbb{M} 40'41	1.01969 AU		
	-11978 May 18 j 17:36	0° \mathbb{H}					-11973 Feb 14 j 19:02	0° \mathbb{J}			
	-11978 Jun 17 j 15:51	0° \mathbb{Y}					-11973 Mar 18 j 07:32	0° \mathbb{Z}			
	-11978 Jul 17 j 03:11	0° \mathbb{B}					-11973 Apr 18 j 10:11	0° \mathbb{A}			
min. Earth dist.	-11978 Aug 06 j 05:22	20° \mathbb{B} 35'23	0.98028 AU				-11973 May 18 j 22:46	0° \mathbb{H}			
	-11978 Aug 15 j 09:43	0° \mathbb{I}					-11973 Jun 17 j 21:02	0° \mathbb{Y}			
	-11978 Sep 13 j 18:40	0° \mathbb{G}					-11973 Jul 17 j 08:24	0° \mathbb{B}			
	-11978 Oct 13 j 12:42	0° \mathbb{O}				min. Earth dist.	-11973 Aug 06 j 23:37	21° \mathbb{B} 08'42	0.98034 AU		
	-11978 Nov 12 j 20:19	0° \mathbb{M}					-11973 Aug 15 j 14:59	0° \mathbb{I}			
	-11978 Dec 13 j 18:35	0° \mathbb{L}					-11973 Sep 13 j 23:58	0° \mathbb{G}			
	-11977 Jan 14 j 04:31	0° \mathbb{M}					-11973 Oct 13 j 18:02	0° \mathbb{O}			
max. Earth dist.	-11977 Feb 04 j 23:55	20° \mathbb{M} 41'04	1.01967 AU				-11973 Nov 13 j 01:41	0° \mathbb{M}			
	-11977 Feb 14 j 19:45	0° \mathbb{J}					-11973 Dec 13 j 23:56	0° \mathbb{L}			
	-11977 Mar 18 j 08:14	0° \mathbb{Z}					-11972 Jan 14 j 09:50	0° \mathbb{M}			
	-11977 Apr 18 j 10:52	0° \mathbb{A}				max. Earth dist.	-11972 Feb 03 j 19:06	19° \mathbb{M} 20'28	1.01962 AU		
	-11977 May 18 j 23:25	0° \mathbb{H}					-11972 Feb 15 j 01:00	0° \mathbb{J}			
	-11977 Jun 17 j 21:40	0° \mathbb{Y}					-11972 Mar 17 j 13:27	0° \mathbb{Z}			
	-11977 Jul 17 j 09:02	0° \mathbb{B}					-11972 Apr 17 j 16:02	0° \mathbb{A}			
min. Earth dist.	-11977 Aug 04 j 21:08	18° \mathbb{B} 57'20	0.98032 AU				-11972 May 18 j 04:36	0° \mathbb{H}			
	-11977 Aug 15 j 15:36	0° \mathbb{I}					-11972 Jun 17 j 02:51	0° \mathbb{Y}			
	-11977 Sep 14 j 00:35	0° \mathbb{G}					-11972 Jul 16 j 14:15	0° \mathbb{B}			
	-11977 Oct 13 j 18:37	0° \mathbb{O}				min. Earth dist.	-11972 Aug 04 j 13:18	19° \mathbb{B} 25'28	0.98033 AU		
	-11977 Nov 13 j 02:13	0° \mathbb{M}					-11972 Aug 14 j 20:52	0° \mathbb{I}			
	-11977 Dec 14 j 00:26	0° \mathbb{L}					-11972 Sep 13 j 05:52	0° \mathbb{G}			
	-11976 Jan 14 j 10:20	0° \mathbb{M}					-11972 Oct 12 j 23:54	0° \mathbb{O}			
max. Earth dist.	-11976 Feb 04 j 18:34	20° \mathbb{M} 14'35	1.01969 AU				-11972 Nov 12 j 07:28	0° \mathbb{M}			
	-11976 Feb 15 j 01:31	0° \mathbb{J}					-11972 Dec 13 j 05:38	0° \mathbb{L}			
	-11976 Mar 17 j 14:00	0° \mathbb{Z}					-11971 Jan 13 j 15:29	0° \mathbb{M}			
	-11976 Apr 17 j 16:37	0° \mathbb{A}				max. Earth dist.	-11971 Feb 04 j 20:36	21° \mathbb{M} 04'07	1.01965 AU		
	-11976 May 18 j 05:11	0° \mathbb{H}					-11971 Feb 14 j 06:36	0° \mathbb{J}			
	-11976 Jun 17 j 03:26	0° \mathbb{Y}					-11971 Mar 17 j 19:04	0° \mathbb{Z}			
	-11976 Jul 16 j 14:51	0° \mathbb{B}					-11971 Apr 17 j 21:42	0° \mathbb{A}			
min. Earth dist.	-11976 Aug 06 j 04:06	21° \mathbb{B} 03'27	0.98038 AU				-11971 May 18 j 10:18	0° \mathbb{H}			
	-11976 Aug 14 j 21:29	0° \mathbb{I}					-11971 Jun 17 j 08:36	0° \mathbb{Y}			
	-11976 Sep 13 j 06:31	0° \mathbb{G}					-11971 Jul 16 j 20:01	0° \mathbb{B}			
	-11976 Oct 13 j 00:35	0° \mathbb{O}				min. Earth dist.	-11971 Aug 05 j 08:15	19° \mathbb{B} 59'08	0.98039 AU		
	-11976 Nov 12 j 08:11	0° \mathbb{M}					-11971 Aug 15 j 02:39	0° \mathbb{I}			
	-11976 Dec 13 j 06:23	0° \mathbb{L}					-11971 Sep 13 j 11:39	0° \mathbb{G}			
	-11975 Jan 13 j 16:16	0° \mathbb{M}					-11971 Oct 13 j 05:39	0° \mathbb{O}			
max. Earth dist.	-11975 Feb 02 j 16:51	18° \mathbb{M} 59'56	1.01964 AU				-11971 Nov 12 j 13:12	0° \mathbb{M}			
	-11975 Feb 14 j 07:26	0° \mathbb{J}					-11971 Dec 13 j 11:23	0° \mathbb{L}			
	-11975 Mar 17 j 19:54	0° \mathbb{Z}					-11970 Jan 13 j 21:16	0° \mathbb{M}			
	-11975 Apr 17 j 22:32	0° \mathbb{A}				max. Earth dist.	-11970 Feb 03 j 04:23	19° \mathbb{M} 15'15	1.01969 AU		
	-11975 May 18 j 11:07	0° \mathbb{H}					-11970 Feb 14 j 12:28	0° \mathbb{J}			
	-11975 Jun 17 j 09:22	0° \mathbb{Y}					-11970 Mar 18 j 01:00	0° \mathbb{Z}			
	-11975 Jul 16 j 20:45	0° \mathbb{B}					-11970 Apr 18 j 03:40	0° \mathbb{A}			
min. Earth dist.	-11975 Aug 05 j 09:40	20° \mathbb{B} 01'08	0.98031 AU				-11970 May 18 j 16:15	0° \mathbb{H}			

Attention, astronomical year style is used: The year -11970 in astronomical counting style is the year 11971 BCE in historical counting style.

	-11970 Jun 17 j 14:29	0°Υ			-11965 Mar 18 j 06:01	0°Ξ		
	-11970 Jul 17 j 01:51	0°Ϡ			-11965 Apr 18 j 08:45	0°≈		
min. Earth dist.	-11970 Aug 06 j 09:49	20°Ϡ50'10	0.98031 AU		-11965 May 18 j 21:25	0°Ϡ		
	-11970 Aug 15 j 08:25	0°Π			-11965 Jun 17 j 19:45	0°Υ		
	-11970 Sep 13 j 17:24	0°Ϣ			-11965 Jul 17 j 07:10	0°Ϡ		
	-11970 Oct 13 j 11:26	0°Ω		min. Earth dist.	-11965 Aug 07 j 03:38	21°Ϡ22'08	0.98034 AU	
	-11970 Nov 12 j 19:01	0°ϣ			-11965 Aug 15 j 13:45	0°Π		
	-11970 Dec 13 j 17:14	0°ϡ			-11965 Sep 13 j 22:41	0°Ϣ		
	-11969 Jan 14 j 03:09	0°ϣ			-11965 Oct 13 j 16:39	0°Ω		
max. Earth dist.	-11969 Feb 04 j 14:34	20°ϣ22'15	1.01967 AU		-11965 Nov 13 j 00:09	0°ϣ		
	-11969 Feb 14 j 18:22	0°Ϡ			-11965 Dec 13 j 22:19	0°ϡ		
	-11969 Mar 18 j 06:54	0°Ξ			-11964 Jan 14 j 08:11	0°ϣ		
	-11969 Apr 18 j 09:32	0°≈		max. Earth dist.	-11964 Feb 03 j 16:48	19°ϣ18'54	1.01966 AU	
	-11969 May 18 j 22:06	0°Ϡ			-11964 Feb 14 j 23:24	0°Ϡ		
	-11969 Jun 17 j 20:19	0°Υ			-11964 Mar 17 j 11:57	0°Ξ		
	-11969 Jul 17 j 07:40	0°Ϡ			-11964 Apr 17 j 14:39	0°≈		
min. Earth dist.	-11969 Aug 04 j 21:01	19°Ϡ00'37	0.98031 AU		-11964 May 18 j 03:18	0°Ϡ		
	-11969 Aug 15 j 14:14	0°Π			-11964 Jun 17 j 01:37	0°Υ		
	-11969 Sep 13 j 23:12	0°Ϣ			-11964 Jul 16 j 13:04	0°Ϡ		
	-11969 Oct 13 j 17:15	0°Ω		min. Earth dist.	-11964 Aug 04 j 22:07	19°Ϡ51'08	0.98033 AU	
	-11969 Nov 13 j 00:50	0°ϣ			-11964 Aug 14 j 19:43	0°Π		
	-11969 Dec 13 j 23:02	0°ϡ			-11964 Sep 13 j 04:41	0°Ϣ		
	-11968 Jan 14 j 08:54	0°ϣ			-11964 Oct 12 j 22:39	0°Ω		
max. Earth dist.	-11968 Feb 05 j 02:33	20°ϣ36'54	1.01970 AU		-11964 Nov 12 j 06:06	0°ϣ		
	-11968 Feb 15 j 00:04	0°Ϡ			-11964 Dec 13 j 04:09	0°ϡ		
	-11968 Mar 17 j 12:35	0°Ξ			-11963 Jan 13 j 13:54	0°ϣ		
	-11968 Apr 17 j 15:16	0°≈		max. Earth dist.	-11963 Feb 05 j 05:03	21°ϣ27'57	1.01965 AU	
	-11968 May 18 j 03:52	0°Ϡ			-11963 Feb 14 j 05:02	0°Ϡ		
	-11968 Jun 17 j 02:08	0°Υ			-11963 Mar 17 j 17:34	0°Ξ		
	-11968 Jul 16 j 13:30	0°Ϡ			-11963 Apr 17 j 20:20	0°≈		
min. Earth dist.	-11968 Aug 05 j 20:37	20°Ϡ47'48	0.98035 AU		-11963 May 18 j 09:03	0°Ϡ		
	-11968 Aug 14 j 20:04	0°Π			-11963 Jun 17 j 07:25	0°Υ		
	-11968 Sep 13 j 05:03	0°Ϣ			-11963 Jul 16 j 18:53	0°Ϡ		
	-11968 Oct 12 j 23:04	0°Ω		min. Earth dist.	-11963 Aug 05 j 01:13	19°Ϡ43'58	0.98039 AU	
	-11968 Nov 12 j 06:39	0°ϣ			-11963 Aug 15 j 01:31	0°Π		
	-11968 Dec 13 j 04:52	0°ϡ			-11963 Sep 13 j 10:30	0°Ϣ		
	-11967 Jan 13 j 14:44	0°ϣ			-11963 Oct 13 j 04:27	0°Ω		
max. Earth dist.	-11967 Feb 02 j 17:31	19°ϣ05'05	1.01967 AU		-11963 Nov 12 j 11:55	0°ϣ		
	-11967 Feb 14 j 05:55	0°Ϡ			-11963 Dec 13 j 09:59	0°ϡ		
	-11967 Mar 17 j 18:27	0°Ξ			-11962 Jan 13 j 19:46	0°ϣ		
	-11967 Apr 17 j 21:09	0°≈		max. Earth dist.	-11962 Feb 03 j 14:22	19°ϣ42'29	1.01967 AU	
	-11967 May 18 j 09:48	0°Ϡ			-11962 Feb 14 j 10:56	0°Ϡ		
	-11967 Jun 17 j 08:06	0°Υ			-11962 Mar 17 j 23:30	0°Ξ		
	-11967 Jul 16 j 19:29	0°Ϡ			-11962 Apr 18 j 02:17	0°≈		
min. Earth dist.	-11967 Aug 05 j 18:15	20°Ϡ26'35	0.98026 AU		-11962 May 18 j 15:00	0°Ϡ		
	-11967 Aug 15 j 02:01	0°Π			-11962 Jun 17 j 13:22	0°Υ		
	-11967 Sep 13 j 10:55	0°Ϣ			-11962 Jul 17 j 00:47	0°Ϡ		
	-11967 Oct 13 j 04:51	0°Ω		min. Earth dist.	-11962 Aug 06 j 16:55	21°Ϡ11'02	0.98032 AU	
	-11967 Nov 12 j 12:22	0°ϣ			-11962 Aug 15 j 07:22	0°Π		
	-11967 Dec 13 j 10:32	0°ϡ			-11962 Sep 13 j 16:19	0°Ϣ		
	-11966 Jan 13 j 20:25	0°ϣ			-11962 Oct 13 j 10:18	0°Ω		
max. Earth dist.	-11966 Feb 05 j 06:05	21°ϣ14'56	1.01968 AU		-11962 Nov 12 j 17:50	0°ϣ		
	-11966 Feb 14 j 11:37	0°Ϡ			-11962 Dec 13 j 15:59	0°ϡ		
	-11966 Mar 18 j 00:10	0°Ξ			-11961 Jan 14 j 01:49	0°ϣ		
	-11966 Apr 18 j 02:55	0°≈		max. Earth dist.	-11961 Feb 04 j 06:05	20°ϣ05'30	1.01963 AU	
	-11966 May 18 j 15:37	0°Ϡ			-11961 Feb 14 j 16:59	0°Ϡ		
	-11966 Jun 17 j 13:57	0°Υ			-11961 Mar 18 j 05:30	0°Ξ		
	-11966 Jul 17 j 01:21	0°Ϡ			-11961 Apr 18 j 08:13	0°≈		
min. Earth dist.	-11966 Aug 04 j 20:12	19°Ϡ14'42	0.98030 AU		-11961 May 18 j 20:54	0°Ϡ		
	-11966 Aug 15 j 07:53	0°Π			-11961 Jun 17 j 19:15	0°Υ		
	-11966 Sep 13 j 16:46	0°Ϣ			-11961 Jul 17 j 06:41	0°Ϡ		
	-11966 Oct 13 j 10:41	0°Ω		min. Earth dist.	-11961 Aug 05 j 04:54	19°Ϡ23'19	0.98032 AU	
	-11966 Nov 12 j 18:10	0°ϣ			-11961 Aug 15 j 13:17	0°Π		
	-11966 Dec 13 j 16:19	0°ϡ			-11961 Sep 13 j 22:14	0°Ϣ		
	-11965 Jan 14 j 02:12	0°ϣ			-11961 Oct 13 j 16:13	0°Ω		
max. Earth dist.	-11965 Feb 04 j 06:36	20°ϣ05'28	1.01973 AU		-11961 Nov 12 j 23:45	0°ϣ		
	-11965 Feb 14 j 17:27	0°Ϡ			-11961 Dec 13 j 21:53	0°ϡ		

Attention, astronomical year style is used: The year -11960 in astronomical counting style is the year 11961 BCE in historical counting style.

	-11960 Jan 14 j 07:41	0° \mathbb{M}					-11956 Oct 12 j 21:30	0° Ω			
max. Earth dist.	-11960 Feb 05 j 09:15	20° \mathbb{M} 55'46	1.01965 AU				-11956 Nov 12 j 04:57	0° \mathbb{M}			
	-11960 Feb 14 j 22:47	0° \mathbb{A}					-11956 Dec 13 j 03:01	0° \mathbb{A}			
	-11960 Mar 17 j 11:16	0° \mathbb{B}					-11955 Jan 13 j 12:47	0° \mathbb{M}			
	-11960 Apr 17 j 13:57	0° \approx			max. Earth dist.	-11955 Feb 05 j 05:05	21° \mathbb{M} 30'40	1.01966 AU			
	-11960 May 18 j 02:38	0° \mathbb{H}				-11955 Feb 14 j 03:56	0° \mathbb{A}				
	-11960 Jun 17 j 01:00	0° \mathbb{Y}				-11955 Mar 17 j 16:29	0° \mathbb{B}				
	-11960 Jul 16 j 12:30	0° \mathbb{B}				-11955 Apr 17 j 19:16	0° \approx				
min. Earth dist.	-11960 Aug 05 j 16:14	20° \mathbb{B} 38'56	0.98040 AU			-11955 May 18 j 08:02	0° \mathbb{H}				
	-11960 Aug 14 j 19:08	0° \mathbb{II}				-11955 Jun 17 j 06:27	0° \mathbb{Y}				
	-11960 Sep 13 j 04:08	0° \mathbb{B}			min. Earth dist.	-11955 Jul 16 j 17:54	0° \mathbb{B}				
	-11960 Oct 12 j 22:06	0° Ω				-11955 Aug 04 j 20:45	19° \mathbb{B} 35'08	0.98033 AU			
	-11960 Nov 12 j 05:37	0° \mathbb{M}				-11955 Aug 15 j 00:28	0° \mathbb{II}				
	-11960 Dec 13 j 03:45	0° \mathbb{A}				-11955 Sep 13 j 09:21	0° \mathbb{B}				
max. Earth dist.	-11959 Jan 13 j 13:35	0° \mathbb{M}				-11955 Oct 13 j 03:14	0° Ω				
	-11959 Feb 02 j 20:06	19° \mathbb{M} 13'58	1.01965 AU			-11955 Nov 12 j 10:39	0° \mathbb{M}				
	-11959 Feb 14 j 04:45	0° \mathbb{A}				-11955 Dec 13 j 08:43	0° \mathbb{A}				
	-11959 Mar 17 j 17:15	0° \mathbb{B}			max. Earth dist.	-11954 Jan 13 j 18:31	0° \mathbb{M}				
	-11959 Apr 17 j 19:57	0° \approx				-11954 Feb 03 j 20:41	20° \mathbb{M} 00'19	1.01971 AU			
	-11959 May 18 j 08:37	0° \mathbb{H}				-11954 Feb 14 j 09:43	0° \mathbb{A}				
	-11959 Jun 17 j 06:59	0° \mathbb{Y}				-11954 Mar 17 j 22:19	0° \mathbb{B}				
	-11959 Jul 16 j 18:27	0° \mathbb{B}				-11954 Apr 18 j 01:08	0° \approx				
min. Earth dist.	-11959 Aug 06 j 01:49	20° \mathbb{B} 48'29	0.98032 AU			-11954 May 18 j 13:55	0° \mathbb{H}				
	-11959 Aug 15 j 01:04	0° \mathbb{II}				-11954 Jun 17 j 12:19	0° \mathbb{Y}				
	-11959 Sep 13 j 10:01	0° \mathbb{B}			min. Earth dist.	-11954 Jul 16 j 23:46	0° \mathbb{B}				
	-11959 Oct 13 j 03:57	0° Ω				-11954 Aug 06 j 23:10	21° \mathbb{B} 29'43	0.98030 AU			
	-11959 Nov 12 j 11:25	0° \mathbb{M}				-11954 Aug 15 j 06:19	0° \mathbb{II}				
	-11959 Dec 13 j 09:31	0° \mathbb{A}				-11954 Sep 13 j 15:11	0° \mathbb{B}				
	-11958 Jan 13 j 19:21	0° \mathbb{M}				-11954 Oct 13 j 09:03	0° Ω				
max. Earth dist.	-11958 Feb 05 j 00:31	21° \mathbb{M} 04'18	1.01966 AU			-11954 Nov 12 j 16:29	0° \mathbb{M}				
	-11958 Feb 14 j 10:32	0° \mathbb{A}				-11954 Dec 13 j 14:35	0° \mathbb{A}				
	-11958 Mar 17 j 23:06	0° \mathbb{B}			max. Earth dist.	-11953 Jan 14 j 00:26	0° \mathbb{M}				
	-11958 Apr 18 j 01:50	0° \approx				-11953 Feb 03 j 20:40	19° \mathbb{M} 46'23	1.01967 AU			
	-11958 May 18 j 14:31	0° \mathbb{H}				-11953 Feb 14 j 15:40	0° \mathbb{A}				
	-11958 Jun 17 j 12:51	0° \mathbb{Y}				-11953 Mar 18 j 04:15	0° \mathbb{B}				
	-11958 Jul 17 j 00:16	0° \mathbb{B}				-11953 Apr 18 j 07:02	0° \approx				
min. Earth dist.	-11958 Aug 04 j 18:04	19° \mathbb{B} 11'53	0.98033 AU			-11953 May 18 j 19:46	0° \mathbb{H}				
	-11958 Aug 15 j 06:52	0° \mathbb{II}				-11953 Jun 17 j 18:09	0° \mathbb{Y}				
	-11958 Sep 13 j 15:48	0° \mathbb{B}			min. Earth dist.	-11953 Jul 17 j 05:37	0° \mathbb{B}				
	-11958 Oct 13 j 09:44	0° Ω				-11953 Aug 05 j 12:20	19° \mathbb{B} 45'09	0.98030 AU			
	-11958 Nov 12 j 17:13	0° \mathbb{M}				-11953 Aug 15 j 12:12	0° \mathbb{II}				
	-11958 Dec 13 j 15:19	0° \mathbb{A}				-11953 Sep 13 j 21:06	0° \mathbb{B}				
	-11957 Jan 14 j 01:10	0° \mathbb{M}				-11953 Oct 13 j 14:59	0° Ω				
max. Earth dist.	-11957 Feb 04 j 14:52	20° \mathbb{M} 27'30	1.01972 AU			-11953 Nov 12 j 22:24	0° \mathbb{M}				
	-11957 Feb 14 j 16:23	0° \mathbb{A}				-11953 Dec 13 j 20:26	0° \mathbb{A}				
	-11957 Mar 18 j 04:58	0° \mathbb{B}			max. Earth dist.	-11952 Jan 14 j 06:12	0° \mathbb{M}				
	-11957 Apr 18 j 07:42	0° \approx				-11952 Feb 05 j 17:33	21° \mathbb{M} 18'55	1.01968 AU			
	-11957 May 18 j 20:22	0° \mathbb{H}				-11952 Feb 14 j 21:20	0° \mathbb{A}				
	-11957 Jun 17 j 18:41	0° \mathbb{Y}				-11952 Mar 17 j 09:53	0° \mathbb{B}				
	-11957 Jul 17 j 06:05	0° \mathbb{B}				-11952 Apr 17 j 12:40	0° \approx				
min. Earth dist.	-11957 Aug 06 j 21:52	21° \mathbb{B} 10'02	0.98034 AU			-11952 May 18 j 01:24	0° \mathbb{H}				
	-11957 Aug 15 j 12:40	0° \mathbb{II}				-11952 Jun 16 j 23:49	0° \mathbb{Y}				
	-11957 Sep 13 j 21:37	0° \mathbb{B}			min. Earth dist.	-11952 Jul 16 j 11:19	0° \mathbb{B}				
	-11957 Oct 13 j 15:36	0° Ω				-11952 Aug 05 j 06:39	20° \mathbb{B} 17'18	0.98039 AU			
	-11957 Nov 12 j 23:07	0° \mathbb{M}				-11952 Aug 14 j 17:58	0° \mathbb{II}				
	-11957 Dec 13 j 21:16	0° \mathbb{A}				-11952 Sep 13 j 02:55	0° \mathbb{B}				
	-11956 Jan 14 j 07:07	0° \mathbb{M}				-11952 Oct 12 j 20:50	0° Ω				
max. Earth dist.	-11956 Feb 03 j 13:45	19° \mathbb{M} 14'12	1.01967 AU			-11952 Nov 12 j 04:14	0° \mathbb{M}				
	-11956 Feb 14 j 22:20	0° \mathbb{A}				-11952 Dec 13 j 02:15	0° \mathbb{A}				
	-11956 Mar 17 j 10:54	0° \mathbb{B}			max. Earth dist.	-11951 Jan 13 j 12:00	0° \mathbb{M}				
	-11956 Apr 17 j 13:39	0° \approx				-11951 Feb 03 j 05:01	19° \mathbb{M} 38'48	1.01967 AU			
	-11956 May 18 j 02:20	0° \mathbb{H}				-11951 Feb 14 j 03:10	0° \mathbb{A}				
	-11956 Jun 17 j 00:39	0° \mathbb{Y}				-11951 Mar 17 j 15:45	0° \mathbb{B}				
	-11956 Jul 16 j 12:04	0° \mathbb{B}				-11951 Apr 17 j 18:34	0° \approx				
min. Earth dist.	-11956 Aug 05 j 04:47	20° \mathbb{B} 10'56	0.98029 AU			-11951 May 18 j 07:21	0° \mathbb{H}				
	-11956 Aug 14 j 18:39	0° \mathbb{II}				-11951 Jun 17 j 05:46	0° \mathbb{Y}				
	-11956 Sep 13 j 03:34	0° \mathbb{B}				-11951 Jul 16 j 17:15	0° \mathbb{B}				

Attention, astronomical year style is used: The year -11951 in astronomical counting style is the year 11952 BCE in historical counting style.

min. Earth dist.	-11951 Aug 06 j 08:36	21° $\text{8}^{\circ}09'00$	0.98031 AU		-11946 May 18 j 12:28	0° H	
	-11951 Aug 14 j 23:50	0° II			-11946 Jun 17 j 10:53	0° Y	
	-11951 Sep 13 j 08:44	0° E			-11946 Jul 16 j 22:22	0° B	
	-11951 Oct 13 j 02:37	0° O		min. Earth dist.	-11946 Aug 06 j 22:16	21° $\text{8}^{\circ}30'52$	0.98034 AU
	-11951 Nov 12 j 10:00	0° M			-11946 Aug 15 j 04:58	0° II	
	-11951 Dec 13 j 08:01	0° A			-11946 Sep 13 j 13:52	0° E	
	-11950 Jan 13 j 17:45	0° M			-11946 Oct 13 j 07:45	0° O	
max. Earth dist.	-11950 Feb 04 j 20:16	20° $\text{M}^{\circ}58'07$	1.01965 AU		-11946 Nov 12 j 15:09	0° M	
	-11950 Feb 14 j 08:55	0° A			-11946 Dec 13 j 13:11	0° A	
	-11950 Mar 17 j 21:31	0° B			-11945 Jan 13 j 22:59	0° M	
	-11950 Apr 18 j 00:22	0° A		max. Earth dist.	-11945 Feb 03 j 15:50	19° $\text{M}^{\circ}38'26$	1.01967 AU
	-11950 May 18 j 13:10	0° H			-11945 Feb 14 j 14:12	0° A	
	-11950 Jun 17 j 11:36	0° Y			-11945 Mar 18 j 02:50	0° B	
	-11950 Jul 16 j 23:03	0° B			-11945 Apr 18 j 05:40	0° A	
min. Earth dist.	-11950 Aug 04 j 22:59	19° $\text{8}^{\circ}27'42$	0.98030 AU		-11945 May 18 j 18:27	0° H	
	-11950 Aug 15 j 05:37	0° II			-11945 Jun 17 j 16:51	0° Y	
	-11950 Sep 13 j 14:30	0° E			-11945 Jul 17 j 04:19	0° B	
	-11950 Oct 13 j 08:22	0° O		min. Earth dist.	-11945 Aug 05 j 17:18	20° $\text{8}^{\circ}01'18$	0.98029 AU
	-11950 Nov 12 j 15:46	0° M			-11945 Aug 15 j 10:54	0° II	
	-11950 Dec 13 j 13:48	0° A			-11945 Sep 13 j 19:48	0° E	
	-11949 Jan 13 j 23:34	0° M			-11945 Oct 13 j 13:41	0° O	
max. Earth dist.	-11949 Feb 04 j 23:38	20° $\text{M}^{\circ}52'09$	1.01970 AU		-11945 Nov 12 j 21:06	0° M	
	-11949 Feb 14 j 14:44	0° A			-11945 Dec 13 j 19:06	0° A	
	-11949 Mar 18 j 03:18	0° B			-11944 Jan 14 j 04:50	0° M	
	-11949 Apr 18 j 06:07	0° A		max. Earth dist.	-11944 Feb 05 j 22:26	21° $\text{M}^{\circ}33'47$	1.01966 AU
	-11949 May 18 j 18:54	0° H			-11944 Feb 14 j 19:57	0° A	
	-11949 Jun 17 j 17:20	0° Y			-11944 Mar 17 j 08:32	0° B	
	-11949 Jul 17 j 04:50	0° B			-11944 Apr 17 j 11:22	0° A	
min. Earth dist.	-11949 Aug 06 j 21:56	21° $\text{8}^{\circ}13'21$	0.98036 AU		-11944 May 18 j 00:11	0° H	
	-11949 Aug 15 j 11:25	0° II			-11944 Jun 16 j 22:38	0° Y	
	-11949 Sep 13 j 20:20	0° E			-11944 Jul 16 j 10:08	0° B	
	-11949 Oct 13 j 14:13	0° O		min. Earth dist.	-11944 Aug 04 j 21:25	19° $\text{8}^{\circ}56'42$	0.98036 AU
	-11949 Nov 12 j 21:40	0° M			-11944 Aug 14 j 16:44	0° II	
	-11949 Dec 13 j 19:44	0° A			-11944 Sep 13 j 01:39	0° E	
	-11948 Jan 14 j 05:32	0° M			-11944 Oct 12 j 19:31	0° O	
max. Earth dist.	-11948 Feb 03 j 14:11	19° $\text{M}^{\circ}19'03$	1.01965 AU		-11944 Nov 12 j 02:54	0° M	
	-11948 Feb 14 j 20:42	0° A			-11944 Dec 13 j 00:55	0° A	
	-11948 Mar 17 j 09:16	0° B			-11943 Jan 13 j 10:39	0° M	
	-11948 Apr 17 j 12:03	0° A		max. Earth dist.	-11943 Feb 03 j 10:27	19° $\text{M}^{\circ}54'49$	1.01968 AU
	-11948 May 18 j 00:49	0° H			-11943 Feb 14 j 01:49	0° A	
	-11948 Jun 16 j 23:15	0° Y			-11943 Mar 17 j 14:26	0° B	
	-11948 Jul 16 j 10:46	0° B			-11943 Apr 17 j 17:18	0° A	
min. Earth dist.	-11948 Aug 05 j 15:30	20° $\text{8}^{\circ}41'39$	0.98032 AU		-11943 May 18 j 06:10	0° H	
	-11948 Aug 14 j 17:24	0° II			-11943 Jun 17 j 04:40	0° Y	
	-11948 Sep 13 j 02:19	0° E			-11943 Jul 16 j 16:10	0° B	
	-11948 Oct 12 j 20:10	0° O		min. Earth dist.	-11943 Aug 06 j 16:10	21° $\text{8}^{\circ}31'12$	0.98029 AU
	-11948 Nov 12 j 03:32	0° M			-11943 Aug 14 j 22:44	0° II	
	-11948 Dec 13 j 01:31	0° A			-11943 Sep 13 j 07:33	0° E	
	-11947 Jan 13 j 11:14	0° M			-11943 Oct 13 j 01:21	0° O	
max. Earth dist.	-11947 Feb 05 j 03:17	21° $\text{M}^{\circ}30'09$	1.01963 AU		-11943 Nov 12 j 08:41	0° M	
	-11947 Feb 14 j 02:22	0° A			-11943 Dec 13 j 06:42	0° A	
	-11947 Mar 17 j 14:55	0° B			-11942 Jan 13 j 16:28	0° M	
	-11947 Apr 17 j 17:43	0° A		max. Earth dist.	-11942 Feb 04 j 06:27	20° $\text{M}^{\circ}28'27$	1.01966 AU
	-11947 May 18 j 06:32	0° H			-11942 Feb 14 j 07:40	0° A	
	-11947 Jun 17 j 05:00	0° Y			-11942 Mar 17 j 20:18	0° B	
	-11947 Jul 16 j 16:32	0° B			-11942 Apr 17 j 23:12	0° A	
min. Earth dist.	-11947 Aug 04 j 18:20	19° $\text{8}^{\circ}32'16$	0.98037 AU		-11942 May 18 j 12:04	0° H	
	-11947 Aug 14 j 23:11	0° II			-11942 Jun 17 j 10:34	0° Y	
	-11947 Sep 13 j 08:06	0° E			-11942 Jul 16 j 22:05	0° B	
	-11947 Oct 13 j 01:57	0° O		min. Earth dist.	-11942 Aug 05 j 06:23	19° $\text{8}^{\circ}49'11$	0.98029 AU
	-11947 Nov 12 j 09:17	0° M			-11942 Aug 15 j 04:40	0° II	
	-11947 Dec 13 j 07:16	0° A			-11942 Sep 13 j 13:30	0° E	
	-11946 Jan 13 j 17:00	0° M			-11942 Oct 13 j 07:16	0° O	
max. Earth dist.	-11946 Feb 04 j 05:46	20° $\text{M}^{\circ}25'23$	1.01970 AU		-11942 Nov 12 j 14:34	0° M	
	-11946 Feb 14 j 08:12	0° A			-11942 Dec 13 j 12:33	0° A	
	-11946 Mar 17 j 20:49	0° B			-11941 Jan 13 j 22:19	0° M	
	-11946 Apr 17 j 23:40	0° A		max. Earth dist.	-11941 Feb 05 j 06:39	21° $\text{M}^{\circ}11'40$	1.01972 AU

Attention, astronomical year style is used: The year -11941 in astronomical counting style is the year 11942 BCE in historical counting style.

	-11941 Feb 14 j 13:30	0°♌			-11937 Dec 13 j 18:00	0°♊		
	-11941 Mar 18 j 02:08	0°♈			-11936 Jan 14 j 03:41	0°♏		
	-11941 Apr 18 j 05:00	0°♍		max. Earth dist.	-11936 Feb 05 j 22:58	21°♏37'52	1.01963 AU	
	-11941 May 18 j 17:50	0°♋			-11936 Feb 14 j 18:46	0°♌		
	-11941 Jun 17 j 16:20	0°♐			-11936 Mar 17 j 07:19	0°♈		
	-11941 Jul 17 j 03:52	0°♏			-11936 Apr 17 j 10:09	0°♍		
min. Earth dist.	-11941 Aug 06 j 16:20	21°♏01'20	0.98037 AU		-11936 May 17 j 23:00	0°♋		
	-11941 Aug 15 j 10:29	0°♏			-11936 Jun 16 j 21:32	0°♐		
	-11941 Sep 13 j 19:22	0°♎			-11936 Jul 16 j 09:07	0°♏		
	-11941 Oct 13 j 13:12	0°♏		min. Earth dist.	-11936 Aug 04 j 18:13	19°♏50'59	0.98038 AU	
	-11941 Nov 12 j 20:31	0°♏			-11936 Aug 14 j 15:46	0°♏		
	-11941 Dec 13 j 18:30	0°♊			-11936 Sep 13 j 00:40	0°♎		
	-11940 Jan 14 j 04:16	0°♏			-11936 Oct 12 j 18:29	0°♏		
max. Earth dist.	-11940 Feb 03 j 20:05	19°♏35'58	1.01969 AU		-11936 Nov 12 j 01:47	0°♏		
	-11940 Feb 14 j 19:28	0°♌			-11936 Dec 12 j 23:43	0°♊		
	-11940 Mar 17 j 08:06	0°♈			-11935 Jan 13 j 09:25	0°♏		
	-11940 Apr 17 j 10:58	0°♍		max. Earth dist.	-11935 Feb 03 j 17:09	20°♏13'36	1.01968 AU	
	-11940 May 17 j 23:48	0°♋			-11935 Feb 14 j 00:34	0°♌		
	-11940 Jun 16 j 22:17	0°♐			-11935 Mar 17 j 13:10	0°♈		
	-11940 Jul 16 j 09:50	0°♏			-11935 Apr 17 j 16:02	0°♍		
min. Earth dist.	-11940 Aug 05 j 22:49	21°♏02'49	0.98033 AU		-11935 May 18 j 04:55	0°♋		
	-11940 Aug 14 j 16:29	0°♏			-11935 Jun 17 j 03:27	0°♐		
	-11940 Sep 13 j 01:24	0°♎			-11935 Jul 16 j 14:59	0°♏		
	-11940 Oct 12 j 19:13	0°♏		min. Earth dist.	-11935 Aug 06 j 19:47	21°♏43'25	0.98033 AU	
	-11940 Nov 12 j 02:29	0°♏			-11935 Aug 14 j 21:36	0°♏		
	-11940 Dec 13 j 00:23	0°♊			-11935 Sep 13 j 06:27	0°♎		
	-11939 Jan 13 j 10:02	0°♏			-11935 Oct 13 j 00:13	0°♏		
max. Earth dist.	-11939 Feb 05 j 03:32	21°♏33'40	1.01963 AU		-11935 Nov 12 j 07:30	0°♏		
	-11939 Feb 14 j 01:09	0°♌			-11935 Dec 13 j 05:26	0°♊		
	-11939 Mar 17 j 13:46	0°♈			-11934 Jan 13 j 15:10	0°♏		
	-11939 Apr 17 j 16:40	0°♍		max. Earth dist.	-11934 Feb 03 j 20:33	20°♏08'07	1.01967 AU	
	-11939 May 18 j 05:34	0°♋			-11934 Feb 14 j 06:22	0°♌		
	-11939 Jun 17 j 04:06	0°♐			-11934 Mar 17 j 19:02	0°♈		
	-11939 Jul 16 j 15:39	0°♏			-11934 Apr 17 j 21:57	0°♍		
min. Earth dist.	-11939 Aug 04 j 18:12	19°♏34'16	0.98035 AU		-11934 May 18 j 10:50	0°♋		
	-11939 Aug 14 j 22:17	0°♏			-11934 Jun 17 j 09:20	0°♐		
	-11939 Sep 13 j 07:11	0°♎			-11934 Jul 16 j 20:51	0°♏		
	-11939 Oct 13 j 01:00	0°♏		min. Earth dist.	-11934 Aug 05 j 09:48	20°♏01'08	0.98029 AU	
	-11939 Nov 12 j 08:17	0°♏			-11934 Aug 15 j 03:26	0°♏		
	-11939 Dec 13 j 06:11	0°♊			-11934 Sep 13 j 12:17	0°♎		
	-11938 Jan 13 j 15:50	0°♏			-11934 Oct 13 j 06:03	0°♏		
max. Earth dist.	-11938 Feb 04 j 16:26	20°♏53'31	1.01969 AU		-11934 Nov 12 j 13:19	0°♏		
	-11938 Feb 14 j 06:58	0°♌			-11934 Dec 13 j 11:15	0°♊		
	-11938 Mar 17 j 19:37	0°♈			-11933 Jan 13 j 20:58	0°♏		
	-11938 Apr 17 j 22:33	0°♍		max. Earth dist.	-11933 Feb 05 j 13:47	21°♏31'51	1.01971 AU	
	-11938 May 18 j 11:26	0°♋			-11933 Feb 14 j 12:08	0°♌		
	-11938 Jun 17 j 09:57	0°♐			-11933 Mar 18 j 00:47	0°♈		
	-11938 Jul 16 j 21:28	0°♏			-11933 Apr 18 j 03:42	0°♍		
min. Earth dist.	-11938 Aug 06 j 22:11	21°♏32'56	0.98034 AU		-11933 May 18 j 16:34	0°♋		
	-11938 Aug 15 j 04:03	0°♏			-11933 Jun 17 j 15:03	0°♐		
	-11938 Sep 13 j 12:55	0°♎			-11933 Jul 17 j 02:33	0°♏		
	-11938 Oct 13 j 06:45	0°♏		min. Earth dist.	-11933 Aug 06 j 02:11	20°♏28'26	0.98035 AU	
	-11938 Nov 12 j 14:06	0°♏			-11933 Aug 15 j 09:08	0°♏		
	-11938 Dec 13 j 12:05	0°♊			-11933 Sep 13 j 18:00	0°♎		
	-11937 Jan 13 j 21:50	0°♏			-11933 Oct 13 j 11:48	0°♏		
max. Earth dist.	-11937 Feb 03 j 12:51	19°♏34'11	1.01965 AU		-11933 Nov 12 j 19:07	0°♏		
	-11937 Feb 14 j 13:00	0°♌			-11933 Dec 13 j 17:04	0°♊		
	-11937 Mar 18 j 01:37	0°♈			-11932 Jan 14 j 02:47	0°♏		
	-11937 Apr 18 j 04:30	0°♍		max. Earth dist.	-11932 Feb 04 j 01:40	19°♏52'39	1.01970 AU	
	-11937 May 18 j 17:21	0°♋			-11932 Feb 14 j 17:59	0°♌		
	-11937 Jun 17 j 15:52	0°♐			-11932 Mar 17 j 06:39	0°♈		
	-11937 Jul 17 j 03:24	0°♏			-11932 Apr 17 j 09:36	0°♍		
min. Earth dist.	-11937 Aug 06 j 03:38	20°♏30'08	0.98030 AU		-11932 May 17 j 22:30	0°♋		
	-11937 Aug 15 j 10:00	0°♏			-11932 Jun 16 j 21:02	0°♐		
	-11937 Sep 13 j 18:52	0°♎			-11932 Jul 16 j 08:33	0°♏		
	-11937 Oct 13 j 12:42	0°♏		min. Earth dist.	-11932 Aug 06 j 05:19	21°♏22'53	0.98029 AU	
	-11937 Nov 12 j 20:02	0°♏			-11932 Aug 14 j 15:08	0°♏		

Attention, astronomical year style is used: The year -11932 in astronomical counting style is the year 11933 BCE in historical counting style.

	-11932 Sep 12 j 23:58	0°☾					-11927 Jul 16 j 13:46	0°♄			
	-11932 Oct 12 j 17:43	0°♌			min. Earth dist.		-11927 Aug 06 j 21:51	21°♄51'47	0.98035 AU		
	-11932 Nov 12 j 00:58	0°♍					-11927 Aug 14 j 20:23	0°♊			
	-11932 Dec 12 j 22:51	0°♋					-11927 Sep 13 j 05:14	0°☾			
	-11931 Jan 13 j 08:30	0°♌					-11927 Oct 12 j 22:58	0°♌			
max. Earth dist.	-11931 Feb 04 j 18:39	21°♌16'17	1.01964 AU				-11927 Nov 12 j 06:11	0°♍			
	-11931 Feb 13 j 23:38	0°♎					-11927 Dec 13 j 04:03	0°♋			
	-11931 Mar 17 j 12:17	0°♏					-11926 Jan 13 j 13:42	0°♌			
	-11931 Apr 17 j 15:15	0°♐			max. Earth dist.		-11926 Feb 03 j 16:43	20°♌02'40	1.01964 AU		
	-11931 May 18 j 04:14	0°♑					-11926 Feb 14 j 04:51	0°♎			
	-11931 Jun 17 j 02:50	0°♒					-11926 Mar 17 j 17:32	0°♏			
	-11931 Jul 16 j 14:25	0°♓					-11926 Apr 17 j 20:32	0°♐			
min. Earth dist.	-11931 Aug 04 j 23:53	19°♓52'06	0.98030 AU				-11926 May 18 j 09:31	0°♑			
	-11931 Aug 14 j 21:00	0°♊					-11926 Jun 17 j 08:08	0°♒			
	-11931 Sep 13 j 05:48	0°☾					-11926 Jul 16 j 19:43	0°♓			
	-11931 Oct 12 j 23:30	0°♌			min. Earth dist.		-11926 Aug 05 j 17:57	20°♓24'57	0.98029 AU		
	-11931 Nov 12 j 06:42	0°♍					-11926 Aug 15 j 02:19	0°♊			
	-11931 Dec 13 j 04:33	0°♋					-11926 Sep 13 j 11:08	0°☾			
	-11930 Jan 13 j 14:13	0°♌					-11926 Oct 13 j 04:53	0°♌			
max. Earth dist.	-11930 Feb 04 j 23:43	21°♌14'34	1.01971 AU				-11926 Nov 12 j 12:07	0°♍			
	-11930 Feb 14 j 05:22	0°♎					-11926 Dec 13 j 09:59	0°♋			
	-11930 Mar 17 j 18:03	0°♏					-11925 Jan 13 j 19:38	0°♌			
	-11930 Apr 17 j 21:03	0°♐			max. Earth dist.		-11925 Feb 05 j 18:13	21°♌45'37	1.01966 AU		
	-11930 May 18 j 10:01	0°♑					-11925 Feb 14 j 10:45	0°♎			
	-11930 Jun 17 j 08:37	0°♒					-11925 Mar 17 j 23:22	0°♏			
	-11930 Jul 16 j 20:11	0°♓					-11925 Apr 18 j 02:19	0°♐			
min. Earth dist.	-11930 Aug 06 j 22:43	21°♓37'28	0.98034 AU				-11925 May 18 j 15:16	0°♑			
	-11930 Aug 15 j 02:47	0°♊					-11925 Jun 17 j 13:52	0°♒			
	-11930 Sep 13 j 11:35	0°☾					-11925 Jul 17 j 01:28	0°♓			
	-11930 Oct 13 j 05:17	0°♌			min. Earth dist.		-11925 Aug 05 j 20:11	20°♓15'43	0.98037 AU		
	-11930 Nov 12 j 12:31	0°♍					-11925 Aug 15 j 08:06	0°♊			
	-11930 Dec 13 j 10:25	0°♋					-11925 Sep 13 j 16:57	0°☾			
	-11929 Jan 13 j 20:08	0°♌					-11925 Oct 13 j 10:43	0°♌			
max. Earth dist.	-11929 Feb 03 j 14:01	19°♌40'54	1.01969 AU				-11925 Nov 12 j 17:58	0°♍			
	-11929 Feb 14 j 11:21	0°♎					-11925 Dec 13 j 15:52	0°♋			
	-11929 Mar 18 j 00:02	0°♏					-11924 Jan 14 j 01:33	0°♌			
	-11929 Apr 18 j 03:00	0°♐			max. Earth dist.		-11924 Feb 04 j 06:25	20°♌06'50	1.01968 AU		
	-11929 May 18 j 15:57	0°♑					-11924 Feb 14 j 16:43	0°♎			
	-11929 Jun 17 j 14:32	0°♒					-11924 Mar 17 j 05:21	0°♏			
	-11929 Jul 17 j 02:07	0°♓					-11924 Apr 17 j 08:18	0°♐			
min. Earth dist.	-11929 Aug 06 j 13:35	20°♓58'54	0.98031 AU				-11924 May 17 j 21:15	0°♑			
	-11929 Aug 15 j 08:45	0°♊					-11924 Jun 16 j 19:51	0°♒			
	-11929 Sep 13 j 17:36	0°☾					-11924 Jul 16 j 07:28	0°♓			
	-11929 Oct 13 j 11:21	0°♌			min. Earth dist.		-11924 Aug 06 j 12:22	21°♓43'37	0.98034 AU		
	-11929 Nov 12 j 18:33	0°♍					-11924 Aug 14 j 14:07	0°♊			
	-11929 Dec 13 j 16:23	0°♋					-11924 Sep 12 j 22:58	0°☾			
	-11928 Jan 14 j 02:01	0°♌					-11924 Oct 12 j 16:41	0°♌			
max. Earth dist.	-11928 Feb 06 j 01:25	21°♌47'40	1.01963 AU				-11924 Nov 11 j 23:52	0°♍			
	-11928 Feb 14 j 17:07	0°♎					-11924 Dec 12 j 21:43	0°♋			
	-11928 Mar 17 j 05:44	0°♏					-11923 Jan 13 j 07:21	0°♌			
	-11928 Apr 17 j 08:40	0°♐			max. Earth dist.		-11923 Feb 04 j 04:54	20°♌46'30	1.01963 AU		
	-11928 May 17 j 21:37	0°♑					-11923 Feb 13 j 22:30	0°♎			
	-11928 Jun 16 j 20:13	0°♒					-11923 Mar 17 j 11:09	0°♏			
	-11928 Jul 16 j 07:51	0°♓					-11923 Apr 17 j 14:06	0°♐			
min. Earth dist.	-11928 Aug 04 j 15:31	19°♓47'15	0.98039 AU				-11923 May 18 j 03:05	0°♑			
	-11928 Aug 14 j 14:32	0°♊					-11923 Jun 17 j 01:42	0°♒			
	-11928 Sep 12 j 23:26	0°☾					-11923 Jul 16 j 13:20	0°♓			
	-11928 Oct 12 j 17:12	0°♌			min. Earth dist.		-11923 Aug 05 j 02:53	20°♓02'31	0.98033 AU		
	-11928 Nov 12 j 00:24	0°♍					-11923 Aug 14 j 19:59	0°♊			
	-11928 Dec 12 j 22:13	0°♋					-11923 Sep 13 j 04:49	0°☾			
	-11927 Jan 13 j 07:49	0°♌					-11923 Oct 12 j 22:32	0°♌			
max. Earth dist.	-11927 Feb 04 j 04:46	20°♌44'58	1.01967 AU				-11923 Nov 12 j 05:41	0°♍			
	-11927 Feb 13 j 22:56	0°♎					-11923 Dec 13 j 03:30	0°♋			
	-11927 Mar 17 j 11:35	0°♏					-11922 Jan 13 j 13:08	0°♌			
	-11927 Apr 17 j 14:34	0°♐			max. Earth dist.		-11922 Feb 05 j 06:28	21°♌33'05	1.01971 AU		
	-11927 May 18 j 03:33	0°♑					-11922 Feb 14 j 04:17	0°♎			
	-11927 Jun 17 j 02:10	0°♒					-11922 Mar 17 j 17:00	0°♏			

Attention, astronomical year style is used: The year -11922 in astronomical counting style is the year 11923 BCE in historical counting style.

	-11922 Apr 17 j 20:00	0°≈		max. Earth dist.	-11917 Feb 05 j 22:03	21°ℓ57'57	1.01969 AU
	-11922 May 18 j 08:58	0°℔			-11917 Feb 14 j 09:25	0°♁	
	-11922 Jun 17 j 07:32	0°Υ			-11917 Mar 17 j 22:06	0°♁	
	-11922 Jul 16 j 19:06	0°♁			-11917 Apr 18 j 01:07	0°≈	
min. Earth dist.	-11922 Aug 06 j 10:51	21°♁09'48	0.98035 AU		-11917 May 18 j 14:09	0°℔	
	-11922 Aug 15 j 01:42	0°℔			-11917 Jun 17 j 12:48	0°Υ	
	-11922 Sep 13 j 10:32	0°♁			-11917 Jul 17 j 00:27	0°♁	
	-11922 Oct 13 j 04:16	0°♁		min. Earth dist.	-11917 Aug 05 j 16:32	20°♁08'53	0.98036 AU
	-11922 Nov 12 j 11:29	0°℔			-11917 Aug 15 j 07:05	0°℔	
	-11922 Dec 13 j 09:21	0°♁			-11917 Sep 13 j 15:54	0°♁	
	-11921 Jan 13 j 19:03	0°ℓ			-11917 Oct 13 j 09:34	0°♁	
max. Earth dist.	-11921 Feb 03 j 17:20	19°ℓ51'15	1.01971 AU		-11917 Nov 12 j 16:41	0°℔	
	-11921 Feb 14 j 10:17	0°♁			-11917 Dec 13 j 14:27	0°♁	
	-11921 Mar 17 j 23:01	0°♁			-11916 Jan 14 j 00:04	0°ℓ	
	-11921 Apr 18 j 02:02	0°≈		max. Earth dist.	-11916 Feb 04 j 17:07	20°ℓ35'42	1.01970 AU
	-11921 May 18 j 15:00	0°℔			-11916 Feb 14 j 15:14	0°♁	
	-11921 Jun 17 j 13:34	0°Υ			-11916 Mar 17 j 03:57	0°♁	
	-11921 Jul 17 j 01:07	0°♁			-11916 Apr 17 j 07:00	0°≈	
min. Earth dist.	-11921 Aug 06 j 18:28	21°♁14'08	0.98028 AU		-11916 May 17 j 20:02	0°℔	
	-11921 Aug 15 j 07:41	0°℔			-11916 Jun 16 j 18:42	0°Υ	
	-11921 Sep 13 j 16:30	0°♁			-11916 Jul 16 j 06:21	0°♁	
	-11921 Oct 13 j 10:14	0°♁		min. Earth dist.	-11916 Aug 06 j 17:52	22°♁00'31	0.98035 AU
	-11921 Nov 12 j 17:27	0°℔			-11916 Aug 14 j 13:01	0°℔	
	-11921 Dec 13 j 15:18	0°♁			-11916 Sep 12 j 21:50	0°♁	
	-11920 Jan 14 j 00:56	0°ℓ			-11916 Oct 12 j 15:29	0°♁	
max. Earth dist.	-11920 Feb 05 j 20:56	21°ℓ39'39	1.01964 AU		-11916 Nov 11 j 22:34	0°℔	
	-11920 Feb 14 j 16:03	0°♁			-11916 Dec 12 j 20:17	0°♁	
	-11920 Mar 17 j 04:42	0°♁			-11915 Jan 13 j 05:49	0°ℓ	
	-11920 Apr 17 j 07:42	0°≈		max. Earth dist.	-11915 Feb 04 j 00:07	20°ℓ38'55	1.01963 AU
	-11920 May 17 j 20:42	0°℔			-11915 Feb 13 j 20:56	0°♁	
	-11920 Jun 16 j 19:19	0°Υ			-11915 Mar 17 j 09:39	0°♁	
	-11920 Jul 16 j 06:55	0°♁			-11915 Apr 17 j 12:44	0°≈	
min. Earth dist.	-11920 Aug 04 j 14:57	19°♁48'21	0.98033 AU		-11915 May 18 j 01:50	0°℔	
	-11920 Aug 14 j 13:32	0°℔			-11915 Jun 17 j 00:32	0°Υ	
	-11920 Sep 12 j 22:20	0°♁			-11915 Jul 16 j 12:12	0°♁	
	-11920 Oct 12 j 16:02	0°♁		min. Earth dist.	-11915 Aug 05 j 09:53	20°♁23'25	0.98032 AU
	-11920 Nov 11 j 23:13	0°℔			-11915 Aug 14 j 18:51	0°℔	
	-11920 Dec 12 j 21:02	0°♁			-11915 Sep 13 j 03:39	0°♁	
	-11919 Jan 13 j 06:39	0°ℓ			-11915 Oct 12 j 21:18	0°♁	
max. Earth dist.	-11919 Feb 04 j 12:39	21°ℓ06'20	1.01969 AU		-11915 Nov 12 j 04:23	0°℔	
	-11919 Feb 13 j 21:47	0°♁			-11915 Dec 13 j 02:05	0°♁	
	-11919 Mar 17 j 10:28	0°♁			-11914 Jan 13 j 11:37	0°ℓ	
	-11919 Apr 17 j 13:31	0°≈		max. Earth dist.	-11914 Feb 05 j 15:12	21°ℓ57'32	1.01967 AU
	-11919 May 18 j 02:35	0°℔			-11914 Feb 14 j 02:42	0°♁	
	-11919 Jun 17 j 01:15	0°Υ			-11914 Mar 17 j 15:24	0°♁	
	-11919 Jul 16 j 12:51	0°♁			-11914 Apr 17 j 18:29	0°≈	
min. Earth dist.	-11919 Aug 07 j 00:02	21°♁59'44	0.98031 AU		-11914 May 18 j 07:35	0°℔	
	-11919 Aug 14 j 19:25	0°℔			-11914 Jun 17 j 06:16	0°Υ	
	-11919 Sep 13 j 04:09	0°♁			-11914 Jul 16 j 17:55	0°♁	
	-11919 Oct 12 j 21:47	0°♁		min. Earth dist.	-11914 Aug 06 j 05:07	20°♁58'01	0.98036 AU
	-11919 Nov 12 j 04:54	0°℔			-11914 Aug 15 j 00:31	0°℔	
	-11919 Dec 13 j 02:44	0°♁			-11914 Sep 13 j 09:19	0°♁	
	-11918 Jan 13 j 12:24	0°ℓ			-11914 Oct 13 j 02:59	0°♁	
max. Earth dist.	-11918 Feb 03 j 12:29	19°ℓ55'36	1.01969 AU		-11914 Nov 12 j 10:07	0°℔	
	-11918 Feb 14 j 03:37	0°♁			-11914 Dec 13 j 07:54	0°♁	
	-11918 Mar 17 j 16:21	0°♁			-11913 Jan 13 j 17:31	0°ℓ	
	-11918 Apr 17 j 19:26	0°≈		max. Earth dist.	-11913 Feb 03 j 22:45	20°ℓ07'48	1.01968 AU
	-11918 May 18 j 08:30	0°℔			-11913 Feb 14 j 08:40	0°♁	
	-11918 Jun 17 j 07:10	0°Υ			-11913 Mar 17 j 21:22	0°♁	
	-11918 Jul 16 j 18:47	0°♁			-11913 Apr 18 j 00:26	0°≈	
min. Earth dist.	-11918 Aug 06 j 04:29	20°♁54'24	0.98027 AU		-11913 May 18 j 13:30	0°℔	
	-11918 Aug 15 j 01:22	0°℔			-11913 Jun 17 j 12:12	0°Υ	
	-11918 Sep 13 j 10:06	0°♁			-11913 Jul 16 j 23:51	0°♁	
	-11918 Oct 13 j 03:43	0°♁		min. Earth dist.	-11913 Aug 07 j 04:12	21°♁42'11	0.98032 AU
	-11918 Nov 12 j 10:49	0°℔			-11913 Aug 15 j 06:29	0°℔	
	-11918 Dec 13 j 08:36	0°♁			-11913 Sep 13 j 15:17	0°♁	
	-11917 Jan 13 j 18:15	0°ℓ			-11913 Oct 13 j 08:57	0°♁	

Attention, astronomical year style is used: The year -11913 in astronomical counting style is the year 11914 BCE in historical counting style.

	-11913 Nov 12 j 16:05	0° \mathbb{M}				-11908 Aug 14 j 11:44	0° \mathbb{I}		
	-11913 Dec 13 j 13:51	0° \mathbb{L}				-11908 Sep 12 j 20:29	0° \mathbb{G}		
	-11912 Jan 13 j 23:25	0° \mathbb{M}				-11908 Oct 12 j 14:04	0° \mathbb{O}		
max. Earth dist.	-11912 Feb 05 j 12:08	21° \mathbb{M} 22'28	1.01960 AU			-11908 Nov 11 j 21:08	0° \mathbb{M}		
	-11912 Feb 14 j 14:30	0° \mathbb{J}				-11908 Dec 12 j 18:52	0° \mathbb{L}		
	-11912 Mar 17 j 03:07	0° \mathbb{Z}				-11907 Jan 13 j 04:27	0° \mathbb{M}		
	-11912 Apr 17 j 06:07	0° \mathbb{A}			max. Earth dist.	-11907 Feb 03 j 13:45	20° \mathbb{M} 17'34	1.01965 AU	
	-11912 May 17 j 19:10	0° \mathbb{H}				-11907 Feb 13 j 19:36	0° \mathbb{J}		
	-11912 Jun 16 j 17:53	0° \mathbb{Y}				-11907 Mar 17 j 08:21	0° \mathbb{Z}		
	-11912 Jul 16 j 05:35	0° \mathbb{B}				-11907 Apr 17 j 11:29	0° \mathbb{A}		
min. Earth dist.	-11912 Aug 04 j 19:12	20° \mathbb{B} 02'29	0.98037 AU			-11907 May 18 j 00:39	0° \mathbb{H}		
	-11912 Aug 14 j 12:17	0° \mathbb{I}				-11907 Jun 16 j 23:25	0° \mathbb{Y}		
	-11912 Sep 12 j 21:07	0° \mathbb{G}				-11907 Jul 16 j 11:07	0° \mathbb{B}		
	-11912 Oct 12 j 14:47	0° \mathbb{O}			min. Earth dist.	-11907 Aug 05 j 18:31	20° \mathbb{B} 48'24	0.98028 AU	
	-11912 Nov 11 j 21:52	0° \mathbb{M}				-11907 Aug 14 j 17:43	0° \mathbb{I}		
	-11912 Dec 12 j 19:36	0° \mathbb{L}				-11907 Sep 13 j 02:27	0° \mathbb{G}		
	-11911 Jan 13 j 05:09	0° \mathbb{M}				-11907 Oct 12 j 20:00	0° \mathbb{O}		
max. Earth dist.	-11911 Feb 04 j 20:20	21° \mathbb{M} 28'07	1.01967 AU			-11907 Nov 12 j 03:01	0° \mathbb{M}		
	-11911 Feb 13 j 20:15	0° \mathbb{J}				-11907 Dec 13 j 00:42	0° \mathbb{L}		
	-11911 Mar 17 j 08:56	0° \mathbb{Z}				-11906 Jan 13 j 10:16	0° \mathbb{M}		
	-11911 Apr 17 j 11:58	0° \mathbb{A}			max. Earth dist.	-11906 Feb 05 j 19:04	22° \mathbb{M} 09'50	1.01970 AU	
	-11911 May 18 j 01:02	0° \mathbb{H}				-11906 Feb 14 j 01:25	0° \mathbb{J}		
	-11911 Jun 16 j 23:44	0° \mathbb{Y}				-11906 Mar 17 j 14:10	0° \mathbb{Z}		
	-11911 Jul 16 j 11:24	0° \mathbb{B}				-11906 Apr 17 j 17:18	0° \mathbb{A}		
min. Earth dist.	-11911 Aug 06 j 18:33	21° \mathbb{B} 49'13	0.98037 AU			-11906 May 18 j 06:27	0° \mathbb{H}		
	-11911 Aug 14 j 18:03	0° \mathbb{I}				-11906 Jun 17 j 05:12	0° \mathbb{Y}		
	-11911 Sep 13 j 02:50	0° \mathbb{G}				-11906 Jul 16 j 16:52	0° \mathbb{B}		
	-11911 Oct 12 j 20:28	0° \mathbb{O}			min. Earth dist.	-11906 Aug 05 j 22:03	20° \mathbb{B} 42'32	0.98034 AU	
	-11911 Nov 12 j 03:33	0° \mathbb{M}				-11906 Aug 14 j 23:29	0° \mathbb{I}		
	-11911 Dec 13 j 01:19	0° \mathbb{L}				-11906 Sep 13 j 08:13	0° \mathbb{G}		
	-11910 Jan 13 j 10:56	0° \mathbb{M}				-11906 Oct 13 j 01:47	0° \mathbb{O}		
max. Earth dist.	-11910 Feb 03 j 12:03	19° \mathbb{M} 58'04	1.01968 AU			-11906 Nov 12 j 08:49	0° \mathbb{M}		
	-11910 Feb 14 j 02:08	0° \mathbb{J}				-11906 Dec 13 j 06:32	0° \mathbb{L}		
	-11910 Mar 17 j 14:54	0° \mathbb{Z}				-11905 Jan 13 j 16:09	0° \mathbb{M}		
	-11910 Apr 17 j 17:59	0° \mathbb{A}			max. Earth dist.	-11905 Feb 04 j 06:13	20° \mathbb{M} 28'36	1.01972 AU	
	-11910 May 18 j 07:04	0° \mathbb{H}				-11905 Feb 14 j 07:21	0° \mathbb{J}		
	-11910 Jun 17 j 05:44	0° \mathbb{Y}				-11905 Mar 17 j 20:08	0° \mathbb{Z}		
	-11910 Jul 16 j 17:21	0° \mathbb{B}				-11905 Apr 17 j 23:17	0° \mathbb{A}		
min. Earth dist.	-11910 Aug 06 j 09:38	21° \mathbb{B} 11'15	0.98029 AU			-11905 May 18 j 12:25	0° \mathbb{H}		
	-11910 Aug 14 j 23:58	0° \mathbb{I}				-11905 Jun 17 j 11:09	0° \mathbb{Y}		
	-11910 Sep 13 j 08:45	0° \mathbb{G}				-11905 Jul 16 j 22:51	0° \mathbb{B}		
	-11910 Oct 13 j 02:23	0° \mathbb{O}			min. Earth dist.	-11905 Aug 07 j 10:33	22° \mathbb{B} 01'01	0.98032 AU	
	-11910 Nov 12 j 09:30	0° \mathbb{M}				-11905 Aug 15 j 05:29	0° \mathbb{I}		
	-11910 Dec 13 j 07:15	0° \mathbb{L}				-11905 Sep 13 j 14:16	0° \mathbb{G}		
	-11909 Jan 13 j 16:51	0° \mathbb{M}				-11905 Oct 13 j 07:51	0° \mathbb{O}		
max. Earth dist.	-11909 Feb 05 j 21:30	22° \mathbb{M} 00'01	1.01967 AU			-11905 Nov 12 j 14:54	0° \mathbb{M}		
	-11909 Feb 14 j 08:00	0° \mathbb{J}				-11905 Dec 13 j 12:34	0° \mathbb{L}		
	-11909 Mar 17 j 20:43	0° \mathbb{Z}				-11904 Jan 13 j 22:05	0° \mathbb{M}		
	-11909 Apr 17 j 23:46	0° \mathbb{A}			max. Earth dist.	-11904 Feb 05 j 06:40	21° \mathbb{M} 12'43	1.01963 AU	
	-11909 May 18 j 12:50	0° \mathbb{H}				-11904 Feb 14 j 13:12	0° \mathbb{J}		
	-11909 Jun 17 j 11:29	0° \mathbb{Y}				-11904 Mar 17 j 01:55	0° \mathbb{Z}		
	-11909 Jul 16 j 23:06	0° \mathbb{B}				-11904 Apr 17 j 05:02	0° \mathbb{A}		
min. Earth dist.	-11909 Aug 05 j 09:40	19° \mathbb{B} 54'46	0.98034 AU			-11904 May 17 j 18:10	0° \mathbb{H}		
	-11909 Aug 15 j 05:43	0° \mathbb{I}				-11904 Jun 16 j 16:56	0° \mathbb{Y}		
	-11909 Sep 13 j 14:31	0° \mathbb{G}				-11904 Jul 16 j 04:40	0° \mathbb{B}		
	-11909 Oct 13 j 08:11	0° \mathbb{O}			min. Earth dist.	-11904 Aug 04 j 23:49	20° \mathbb{B} 16'45	0.98035 AU	
	-11909 Nov 12 j 15:19	0° \mathbb{M}				-11904 Aug 14 j 11:21	0° \mathbb{I}		
	-11909 Dec 13 j 13:05	0° \mathbb{L}				-11904 Sep 12 j 20:10	0° \mathbb{G}		
	-11908 Jan 13 j 22:41	0° \mathbb{M}				-11904 Oct 12 j 13:47	0° \mathbb{O}		
max. Earth dist.	-11908 Feb 05 j 00:28	20° \mathbb{M} 56'21	1.01971 AU			-11904 Nov 11 j 20:47	0° \mathbb{M}		
	-11908 Feb 14 j 13:50	0° \mathbb{J}				-11904 Dec 12 j 18:25	0° \mathbb{L}		
	-11908 Mar 17 j 02:35	0° \mathbb{Z}				-11903 Jan 13 j 03:53	0° \mathbb{M}		
	-11908 Apr 17 j 05:41	0° \mathbb{A}			max. Earth dist.	-11903 Feb 05 j 06:58	21° \mathbb{M} 56'21	1.01967 AU	
	-11908 May 17 j 18:47	0° \mathbb{H}				-11903 Feb 13 j 18:58	0° \mathbb{J}		
	-11908 Jun 16 j 17:29	0° \mathbb{Y}				-11903 Mar 17 j 07:41	0° \mathbb{Z}		
	-11908 Jul 16 j 05:07	0° \mathbb{B}				-11903 Apr 17 j 10:50	0° \mathbb{A}		
min. Earth dist.	-11908 Aug 06 j 19:54	22° \mathbb{B} 08'58	0.98032 AU			-11903 May 18 j 00:02	0° \mathbb{H}		

Attention, astronomical year style is used: The year -11903 in astronomical counting style is the year 11904 BCE in historical counting style.

	-11903 Jun 16 j 22:48	0°Υ		
	-11903 Jul 16 j 10:30	0°Ϡ		
min. Earth dist.	-11903 Aug 06 j 13:11	21°Ϡ37'45	0.98035 AU	
	-11903 Aug 14 j 17:07	0°Π		
	-11903 Sep 13 j 01:52	0°ϙ		
	-11903 Oct 12 j 19:27	0°Ω		
	-11903 Nov 12 j 02:28	0°ϙ		
	-11903 Dec 13 j 00:09	0°♄		
	-11902 Jan 13 j 09:42	0°♄		
max. Earth dist.	-11902 Feb 03 j 16:30	20°♄11'36	1.01967 AU	
	-11902 Feb 14 j 00:51	0°♄		
	-11902 Mar 17 j 13:38	0°Ϡ		
	-11902 Apr 17 j 16:49	0°≈		
	-11902 May 18 j 06:01	0°Ϡ		
	-11902 Jun 17 j 04:48	0°Υ		
	-11902 Jul 16 j 16:30	0°Ϡ		
min. Earth dist.	-11902 Aug 06 j 20:05	21°Ϡ40'15	0.98029 AU	
	-11902 Aug 14 j 23:06	0°Π		
	-11902 Sep 13 j 07:50	0°ϙ		
	-11902 Oct 13 j 01:25	0°Ω		
	-11902 Nov 12 j 08:27	0°ϙ		
	-11902 Dec 13 j 06:09	0°♄		
	-11901 Jan 13 j 15:42	0°♄		
max. Earth dist.	-11901 Feb 05 j 17:35	21°♄53'37	1.01963 AU	
	-11901 Feb 14 j 06:48	0°♄		
	-11901 Mar 17 j 19:29	0°Ϡ		
	-11901 Apr 17 j 22:34	0°≈		
	-11901 May 18 j 11:43	0°Ϡ		
	-11901 Jun 17 j 10:30	0°Υ		
	-11901 Jul 16 j 22:13	0°Ϡ		
min. Earth dist.	-11901 Aug 05 j 13:22	20°Ϡ06'30	0.98035 AU	
	-11901 Aug 15 j 04:52	0°Π		
	-11901 Sep 13 j 13:38	0°ϙ		
	-11901 Oct 13 j 07:14	0°Ω		
	-11901 Nov 12 j 14:16	0°ϙ		
	-11901 Dec 13 j 11:58	0°♄		
	-11900 Jan 13 j 21:30	0°♄		
max. Earth dist.	-11900 Feb 05 j 08:24	21°♄17'58	1.01968 AU	
	-11900 Feb 14 j 12:37	0°♄		
	-11900 Mar 17 j 01:20	0°Ϡ		
	-11900 Apr 17 j 04:26	0°≈		
	-11900 May 17 j 17:35	0°Ϡ		
	-11900 Jun 16 j 16:22	0°Υ		
	-11900 Jul 16 j 04:06	0°Ϡ		
min. Earth dist.	-11900 Aug 06 j 21:48	22°Ϡ16'15	0.98037 AU	
	-11900 Aug 14 j 10:46	0°Π		
	-11900 Sep 12 j 19:32	0°ϙ		
	-11900 Oct 12 j 13:06	0°Ω		
	-11900 Nov 11 j 20:04	0°ϙ		
	-11900 Dec 12 j 17:43	0°♄		
	-11899 Jan 13 j 03:15	0°♄		
max. Earth dist.	-11899 Feb 03 j 09:49	20°♄11'08	1.01965 AU	
	-11899 Feb 13 j 18:23	0°♄		
	-11899 Mar 17 j 07:08	0°Ϡ		
	-11899 Apr 17 j 10:17	0°≈		
	-11899 May 17 j 23:28	0°Ϡ		
	-11899 Jun 16 j 22:15	0°Υ		
	-11899 Jul 16 j 09:59	0°Ϡ		
min. Earth dist.	-11899 Aug 06 j 00:55	21°Ϡ07'39	0.98031 AU	
	-11899 Aug 14 j 16:39	0°Π		
	-11899 Sep 13 j 01:25	0°ϙ		
	-11899 Oct 12 j 18:58	0°Ω		
	-11899 Nov 12 j 01:55	0°ϙ		
	-11899 Dec 12 j 23:32	0°♄		