Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 1 Attention, astronomical year style is used: The year -1400 in astronomical counting style is the year 1401 BCE in historical counting style. -1400 Jan 02 j 05:55 0°ರ -1396 Sep 05 j 04:26 0° m -1400 Feb 01 j 03:17 -1396 Oct 05 j 01:51 0°≈≈ 0∘Ω -1400 Mar 02 j 13:28 0°**)**€ -1396 Nov 03 j 14:04 oom. -1400 Apr 02 j 12:47 $0^{\circ}\Upsilon$ -1396 Nov 17 j 16:50 14°M24'58 0.98199 AU min. Earth dist. 0°8 -1400 May 03 j 21:58 -1396 Dec 02 j 22:55 0°**∡** 15°**8**00'07 1.01800 AU max. Earth dist. -1400 May 19 j 16:26 -1395 Jan 01 j 11:01 0°궁 -1400 Jun 04 j 10:46 $0^{\circ}\Pi$ -1395 Jan 31 j 08:16 0°≈ -1400 Jul 05 j 19:53 0ಂತಾ -1395 Mar 02 j 18:20 0°**∀** $0^{\circ}\Upsilon$ -1400 Aug 05 j 19:08 0 $^{\circ}\Omega$ -1395 Apr 02 j 17:34 -1400 Sep 05 j 05:14 0° M -1395 May 04 j 02:42 0°8 -1400 Oct 05 j 02:33 0∘**⊽** max. Earth dist. -1395 May 20 j 22:38 16°**8**00'31 1.01801 AU -1400 Nov 03 j 14:43 0° M -1395 Jun 04 j 15:31 Π °0 min. Earth dist. -1400 Nov 19 j 10:11 16°ML09'14 0.98204 AU -1395 Jul 06 j 00:43 0ಂತಾ -1400 Dec 02 j 23:35 0°**√** -1395 Aug 06 j 00:04 $0^{\circ}\Omega$ -1399 Jan 01 j 11:45 0°ರ -1395 Sep 05 j 10:18 0° m -1399 Jan 31 j 09:04 0°**≈** -1395 Oct 05 j 07:42 0∘**⊽** -1399 Mar 02 j 19:12 0°**)**€ -1395 Nov 03 j 19:54 0°M -1399 Apr 02 j 18:29 $0^{\circ}\Upsilon$ min. Earth dist. -1395 Nov 18 j 21:46 15°M24'07 0.98204 AU -1399 May 04 j 03:38 0°8 -1395 Dec 03 j 04:44 0°**∡**7 max. Earth dist. -1399 May 18 j 21:13 14°**8**01'08 1.01798 AU -1394 Jan 01 j 16:50 0°정 -1399 Jun 04 j 16:27 $0^{\circ}\Pi$ -1394 Jan 31 j 14:05 0°≈ -1399 Jul 06 i 01:37 0ಂತಾ -1394 Mar 03 i 00:09 0°**∀** -1399 Aug 06 j 00:55 $0^{\circ}\Omega$ -1394 Apr 02 j 23:26 $0^{\circ}\Upsilon$ -1399 Sep 05 j 11:04 0° m -1394 May 04 i 08:36 0°8 -1399 Oct 05 j 08:23 0∘**⊽** max. Earth dist. -1394 May 19 j 06:24 14°811'09 1.01803 AU -1399 Nov 03 j 20:32 -1394 Jun 04 j 21:28 o°m. Π °0 -1399 Nov 18 j 07:02 14°ML44'53 0.98197 AU -1394 Jul 06 j 06:40 min Earth dist 0ംഉ -1399 Dec 03 j 05:21 0°×7 -1394 Aug 06 j 06:02 $0^{\circ}\Omega$ 0°る -1398 Jan 01 j 17:29 -1394 Sep 05 j 16:13 0° m -1394 Oct 05 j 13:36 -1398 Jan 31 j 14:47 0°≈ 0∘Ω 0°**)**€ -1398 Mar 03 j 00:55 -1394 Nov 04 j 01:47 0°M $0^{\circ}\Upsilon$ min. Earth dist. -1398 Apr 03 j 00:13 -1394 Nov 19 j 11:30 15°M44'18 0.98199 AU -1398 May 04 j 09:22 0°8 -1394 Dec 03 j 10:38 0°**∡** -1393 Jan 01 j 22:46 max. Earth dist. -1398 May 21 j 11:09 16°**8**14'22 1.01801 AU 0°궁 -1393 Jan 31 j 20:03 -1398 Jun 04 j 22:12 $0^{\circ}\Pi$ 0°≈ -1398 Jul 06 j 07:24 0ಂತಾ -1393 Mar 03 j 06:08 0°**₩** -1398 Aug 06 j 06:43 0 \circ Ω -1393 Apr 03 j 05:22 $0^{\circ}\Upsilon$ -1398 Sep 05 j 16:52 0° M -1393 May 04 j 14:28 0°8 -1398 Oct 05 j 14:10 0∘**⊽** max. Earth dist. -1393 May 21 j 06:08 15°850'32 1.01795 AU -1398 Nov 04 j 02:17 0° M -1393 Jun 05 j 03:14 $\Pi^{\circ}0$ min. Earth dist. -1398 Nov 17 j 22:23 14°ML08'00 0.98201 AU -1393 Jul 06 j 12:23 0ಂತಾ -1398 Dec 03 j 11:05 -1393 Aug 06 j 11:43 0° **₹** 0° Ω -1397 Jan 01 j 23:12 0°る -1393 Sep 05 j 21:54 0° M -1397 Jan 31 j 20:32 -1393 Oct 05 j 19:17 0°≈ 0°**)**€ -1397 Mar 03 j 06:43 -1393 Nov 04 j 07:30 $0^{\circ}\Upsilon$ -1397 Apr 03 i 06:05 min. Earth dist. -1393 Nov 17 j 22:49 13°ML55'37 0.98203 AU -1397 May 04 j 15:17 0°8 -1393 Dec 03 i 16:23 0°×7 max. Earth dist. -1397 May 19 j 20:28 14°**8**28'38 1.01803 AU -1392 Jan 02 i 04:33 0°정 -1397 Jun 05 j 04:07 $0^{\circ}II$ -1392 Feb 01 j 01:53 0°≈ -1397 Jul 06 j 13:18 0ಂತಾ -1392 Mar 02 j 11:59 0°**₩** -1397 Aug 06 j 12:37 $0^{\circ}\Omega$ -1392 Apr 02 j 11:14 $0^{\circ}\Upsilon$ -1397 Sep 05 j 22:47 0°8 0° mb -1392 May 03 j 20:20 15°**8**30'57 1.01798 AU -1397 Oct 05 j 20:07 0∘⊽ max Earth dist -1392 May 20 j 03:46 -1397 Nov 04 j 08:16 0°M -1392 Jun 04 j 09:06 $0^{\circ}\Pi$ min. Earth dist. -1397 Nov 20 j 02:39 16°M06'35 0.98199 AU -1392 Jul 05 j 18:16 0°9 -1397 Dec 03 j 17:04 0°×7 0° Ω -1392 Aug 05 j 17:37 0°ರ 0°Щ -1396 Jan 02 j 05:11 -1392 Sep 05 j 03:52 -1396 Feb 01 j 02:29 0°≈ -1392 Oct 05 j 01:17 0∘ଫ 0°**∀** -1396 Mar 02 j 12:35 -1392 Nov 03 j 13:30 0°M $0^{\circ}\Upsilon$ 16°ML12'14 0.98204 AU -1396 Apr 02 j 11:52 min. Earth dist. -1392 Nov 19 j 10:08 -1396 May 03 j 20:59 0°8 -1392 Dec 02 j 22:21 0° ×7 max. Earth dist. -1396 May 19 j 06:34 14°**8**39'08 1.01795 AU -1391 Jan 01 j 10:27 0°궁 -1396 Jun 04 j 09:46 $0^{\circ}II$ -1391 Jan 31 j 07:43 0°≈ -1396 Jul 05 j 18:53 0 \circ \odot -1391 Mar 02 j 17:47 0°**)**€ -1396 Aug 05 j 18:13 0° Ω -1391 Apr 02 j 17:02 $0^{\circ}\Upsilon$

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 2 Attention, astronomical year style is used: The year -1391 in astronomical counting style is the year 1392 BCE in historical counting style. -1391 May 04 j 02:08 0°8 -1386 Jan 31 j 12:51 0°≈ -1391 May 18 j 20:37 14°**8**03'23 1.01797 AU -1386 Mar 02 j 22:55 0°**₩** max Earth dist -1386 Apr 02 j 22:11 -1391 Jun 04 j 14:55 $0^{\circ}II$ $0^{\circ}\Upsilon$ 0° 8 -1391 Jul 06 j 00:05 0.00 -1386 May 04 j 07:19 $0^{\circ}\Omega$ -1391 Aug 05 j 23:28 max. Earth dist. -1386 May 19 j 12:43 14°**8**29'12 1.01803 AU -1391 Sep 05 j 09:43 0° m -1386 Jun 04 j 20:10 Π $^{\circ}0$ -1391 Oct 05 j 07:09 0∘**⊽** -1386 Jul 06 j 05:24 0ಂಲ -1391 Nov 03 j 19:23 0° M -1386 Aug 06 j 04:49 0° Ω min. Earth dist. -1391 Nov 18 j 18:45 15°**M**.17'44 0.98198 AU -1386 Sep 05 j 15:03 0° m -1391 Dec 03 j 04:13 0°**∡**¹ -1386 Oct 05 j 12:27 0°Ω -1390 Jan 01 j 16:19 0°ಕ -1386 Nov 04 j 00:37 0°M -1390 Jan 31 j 13:33 0°≈ min. Earth dist. -1386 Nov 19 j 17:17 16°ML02'08 0.98197 AU -1390 Mar 02 j 23:36 0°**)**€ -1386 Dec 03 j 09:25 0°**∡**7 -1390 Apr 02 j 22:50 $0^{\circ}\Upsilon$ -1385 Jan 01 j 21:30 0°정 -1390 May 04 j 07:57 0° 8 -1385 Jan 31 j 18:45 0°≈ max. Earth dist. -1390 May 21 j 10:26 16°**8**16'04 1.01798 AU -1385 Mar 03 j 04:49 0°**)**€ -1390 Jun 04 j 20:46 $0^{\circ}II$ -1385 Apr 03 j 04:03 $0^{\circ}\Upsilon$ -1390 Jul 06 j 05:56 0ಂತಾ -1385 May 04 j 13:09 0°8 -1390 Aug 06 j 05:17 $0^{\circ}\Omega$ max. Earth dist. -1385 May 20 j 16:00 15°**8**20'07 1.01795 AU -1390 Sep 05 j 15:30 0° M -1385 Jun 05 j 01:55 Π °0 -1390 Oct 05 j 12:54 0∘**⊽** -1385 Jul 06 j 11:04 0ಂತಾ -1390 Nov 04 i 01:07 0°M -1385 Aug 06 i 10:27 $0^{\circ}\Omega$ min. Earth dist. -1390 Nov 17 j 21:24 14°ML08'21 0.98204 AU -1385 Sep 05 i 20:42 0° m -1390 Dec 03 i 09:59 0°**∡**¹ -1385 Oct 05 i 18:09 0∘**⊽** -1389 Jan 01 j 22:06 0°ರ -1385 Nov 04 j 06:22 $0^{\circ}M$ -1389 Jan 31 j 19:23 -1385 Nov 18 j 05:41 14°M16'07 0.98200 AU 0°≈≈ min. Earth dist. -1389 Mar 03 j 05:29 0°**₩** -1385 Dec 03 j 15:12 0°**∡**¹ -1389 Apr 03 j 04:46 $0^{\circ}\Upsilon$ -1384 Jan 02 j 03:18 0°정 -1389 May 04 j 13:56 -1384 Feb 01 j 00:32 0°8 0°≈≈ -1389 May 20 j 04:35 -1384 Mar 02 j 10:35 0°**∀** max. Earth dist. 14°**8**51'07 1.01801 AU -1384 Apr 02 j 09:48 -1389 Jun 05 j 02:45 $0^{\circ}\Pi$ $0^{\circ}\Upsilon$ -1389 Jul 06 j 11:56 0ಂತಾ -1384 May 03 j 18:54 0° 8 -1389 Aug 06 j 11:16 0 $^{\circ}\Omega$ max. Earth dist. -1384 May 20 j 10:29 15°**8**50'17 1.01800 AU -1389 Sep 05 j 21:27 -1384 Jun 04 j 07:41 0° M $0^{\circ}\Pi$ -1389 Oct 05 j 18:51 -1384 Jul 05 j 16:52 0∘**⊽** 0ಂತಾ -1389 Nov 04 j 07:04 0°M -1384 Aug 05 j 16:16 0 \circ Ω min. Earth dist. -1389 Nov 20 j 05:42 16°**M**₁7'20 0.98204 AU -1384 Sep 05 j 02:34 0° m -1389 Dec 03 j 15:57 0°**∡**¹ -1384 Oct 05 j 00:03 0∘**⊽** -1388 Jan 02 j 04:06 0°ರ -1384 Nov 03 j 12:19 0°M -1388 Feb 01 j 01:22 0°**≈** min. Earth dist. -1384 Nov 19 j 07:58 16°ML09'38 0.98204 AU -1388 Mar 02 j 11:25 0°**)**€ -1384 Dec 02 j 21:09 0°**⊼** -1388 Apr 02 j 10:37 $0^{\circ}\Upsilon$ -1383 Jan 01 j 09:12 0°정 -1388 May 03 j 19:42 0° 8 -1383 Jan 31 j 06:21 -1388 May 18 j 22:47 14°**8**23'48 1.01794 AU -1383 Mar 02 j 16:20 max. Earth dist. 0°\ -1388 Jun 04 j 08:28 -1383 Apr 02 j 15:30 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1388 Jul 05 i 17:37 0ಂತಾ -1383 May 04 j 00:36 0°8 -1388 Aug 05 i 16:57 $0^{\circ}\Omega$ max. Earth dist. -1383 May 18 j 22:48 14°812'10 1.01800 AU -1388 Sep 05 i 03:10 0° m -1383 Jun 04 i 13:26 $0^{\circ}II$ -1388 Oct 05 j 00:36 0∘**⊽** -1383 Jul 05 j 22:40 0ಂತಾ $0^{\circ}\Omega$ -1388 Nov 03 j 12:51 0°M -1383 Aug 05 j 22:05 -1388 Nov 17 j 21:11 14°M39'09 0.98202 AU -1383 Sep 05 j 08:24 min Earth dist 0° m -1388 Dec 02 j 21:44 0°**∡**¹ -1383 Oct 05 j 05:53 0∘Ω -1387 Jan 01 j 09:53 0°る -1383 Nov 03 j 18:09 0°M -1387 Jan 31 j 07:09 0°≈ min. Earth dist. -1383 Nov 19 j 04:16 15°M45'14 0.98199 AU -1387 Mar 02 j 17:11 0°**)**€ -1383 Dec 03 j 03:01 0°×7 $0^{\circ}\Upsilon$ -1387 Apr 02 j 16:22 -1382 Jan 01 j 15:05 0°정 0°8 -1382 Jan 31 j 12:14 0°≈ -1387 May 04 j 01:26 16°**8**20'15 1.01799 AU 0°**)**€ max. Earth dist. -1387 May 21 j 05:40 -1382 Mar 02 j 22:11 $0^{\circ}\Pi$ $0^{\circ}\Upsilon$ -1387 Jun 04 j 14:14 -1382 Apr 02 j 21:19 0ಂತಾ -1387 Jul 05 j 23:27 -1382 May 04 j 06:23 0°8 -1387 Aug 05 j 22:51 0 \circ Ω max. Earth dist. -1382 May 21 j 10:43 16°**8**20'31 1.01798 AU -1387 Sep 05 j 09:06 0° m -1382 Jun 04 j 19:12 $0^{\circ}\Pi$ -1387 Oct 05 j 06:30 0∘**⊽** -1382 Jul 06 j 04:25 0 \circ \odot -1387 Nov 03 j 18:41 0°M -1382 Aug 06 j 03:50 0° Ω min. Earth dist. -1387 Nov 18 j 05:08 14°M.44'42 0.98203 AU -1382 Sep 05 j 14:07 0° m 0°×7 -1382 Oct 05 j 11:33 0∘**ত** -1387 Dec 03 j 03:30

-1382 Nov 03 j 23:47

0°M

0°る

-1386 Jan 01 j 15:36

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 3 Attention, astronomical year style is used: The year -1382 in astronomical counting style is the year 1383 BCE in historical counting style.

Attention, astronor	nical year style is used: Th	e year -1382 i	n astronomical co	ounting style is the year	ar 1383 BCE in historical c	ounting style.	
min. Earth dist.	-1382 Nov 17 j 19:11	14°ML06'00	0.98204 AU		-1377 Sep 05 j 19:04	0°Щ	
	-1382 Dec 03 j 08:40	0°⊀			-1377 Oct 05 j 16:32	0∘ ⊽	
	-1381 Jan 01 j 20:47	0° ට			-1377 Nov 04 j 04:49	0°M	
	-1381 Jan 31 j 18:01	0° ≈		min. Earth dist.	-1377 Nov 18 j 10:43	14°M32'53	0.98202 AU
	-1381 Mar 03 j 04:01	0° ∀			-1377 Dec 03 j 13:42	0° ∡ ¹	
	-1381 Apr 03 j 03:12	0 ° Υ			-1376 Jan 02 j 01:49	0°ප	
	-1381 May 04 j 12:17	9° 8			-1376 Jan 31 j 23:02	0° ≈	
max. Earth dist.	-1381 May 20 j 16:24	15° 8 23'07	1.01801 AU		-1376 Mar 02 j 09:01	0° ∀	
	-1381 Jun 05 j 01:05	Π $^{\circ}0$			-1376 Apr 02 j 08:10	$0^{\circ}\Upsilon$	
	-1381 Jul 06 j 10:19	0 \circ \odot			-1376 May 03 j 17:14	9° 8	
	-1381 Aug 06 j 09:44	0 \circ Ω		max. Earth dist.	-1376 May 20 j 17:43	16° 8 11'23	1.01799 AU
	-1381 Sep 05 j 20:01	0° m			-1376 Jun 04 j 06:02	Π $^{\circ}0$	
	-1381 Oct 05 j 17:28	0∘ ⊽			-1376 Jul 05 j 15:15	0ა ௐ	
	-1381 Nov 04 j 05:42	0° M			-1376 Aug 05 j 14:40	$0^{\circ}\Omega$	
min. Earth dist.	-1381 Nov 20 j 05:19	16°M19'51	0.98205 AU		-1376 Sep 05 j 00:58	0° m ∤	
	-1381 Dec 03 j 14:34	0° ∡ ¹			-1376 Oct 04 j 22:27	0。 ⊽	
	-1380 Jan 02 j 02:42	8°0			-1376 Nov 03 j 10:42	0° M	
	-1380 Jan 31 j 23:57	0° ≈		min. Earth dist.	-1376 Nov 18 j 16:42	15°M34'40	0.98205 AU
	-1380 Mar 02 j 09:56	0°) €			-1376 Dec 02 j 19:33	0° ∡ ¹	
	-1380 Apr 02 j 09:04	$0^{\circ}\mathbf{\Upsilon}$			-1375 Jan 01 j 07:37	5°0	
	-1380 May 03 j 18:04	9° 8			-1375 Jan 31 j 04:47	0° ≈	
max. Earth dist.	-1380 May 18 j 19:58	14° 8 21'05	1.01792 AU		-1375 Mar 02 j 14:45	0° ∀	
	-1380 Jun 04 j 06:47	$\Pi^{\circ}0$			-1375 Apr 02 j 13:53	$0^{\circ}\mathbf{\Upsilon}$	
	-1380 Jul 05 j 15:57	0°9			-1375 May 03 j 22:58	9° 8	
	-1380 Aug 05 j 15:22	$0^{\circ}\Omega$		max. Earth dist.	-1375 May 19 j 04:15	14° 8 28'59	1.01802 AU
	-1380 Sep 05 j 01:41	0° m			-1375 Jun 04 j 11:49	$\Pi^{\circ}0$	
	-1380 Oct 04 j 23:12	0∘ ⊽			-1375 Jul 05 j 21:06	0ಂಣ	
	-1380 Nov 03 j 11:29	0°M			-1375 Aug 05 j 20:35	$0^{\circ}\Omega$	
min. Earth dist.	-1380 Nov 18 j 06:33	15°ML06'37	0.98201 AU		-1375 Sep 05 j 06:56	0° m	
	-1380 Dec 02 j 20:22	0° ∡ ¹			-1375 Oct 05 j 04:25	0∘ ⊽	
	-1379 Jan 01 j 08:28	ರ°0			-1375 Nov 03 j 16:40	0°M	
	-1379 Jan 31 j 05:41	0° ≈		min. Earth dist.	-1375 Nov 19 j 09:26	16°M02'20	0.98197 AU
	-1379 Mar 02 j 15:40	0°) €			-1375 Dec 03 j 01:29	0° ∡ ¹	
	-1379 Apr 02 j 14:47	$0^{\circ}\mathbf{\Upsilon}$			-1374 Jan 01 j 13:31	0°ප	
	-1379 May 03 j 23:47	9° 8			-1374 Jan 31 j 10:40	0° ≈	
max. Earth dist.	-1379 May 21 j 09:13	16° 8 32'40	1.01795 AU		-1374 Mar 02 j 20:37	0° ∀	
	-1379 Jun 04 j 12:32	$\Pi^{\circ}0$			-1374 Apr 02 j 19:44	0° Υ	
	-1379 Jul 05 j 21:44	0°©			-1374 May 04 j 04:48	0°8	
	-1379 Aug 05 j 21:10	$0^{\circ}\Omega$		max. Earth dist.	-1374 May 21 j 04:21	16° 8 09'14	1.01798 AU
	-1379 Sep 05 j 07:30	0° m			-1374 Jun 04 j 17:37	$\Pi^{\circ}0$	
	-1379 Oct 05 j 05:00	0∘ ⊽			-1374 Jul 06 j 02:53	0 \circ \mathfrak{S}	
	-1379 Nov 03 j 17:15	0° M.			-1374 Aug 06 j 02:22	$0^{\circ}\Omega$	
min. Earth dist.	-1379 Nov 18 j 00:30	14°M36'25	0.98204 AU		-1374 Sep 05 j 12:43	0° m	
	-1379 Dec 03 j 02:05	0°⊀			-1374 Oct 05 j 10:11	0∘ ⊽	
	-1378 Jan 01 j 14:09	5°0			-1374 Nov 03 j 22:24	0° M	
	-1378 Jan 31 j 11:20	0° ≈		min. Earth dist.	-1374 Nov 17 j 20:53	14° M 13'57	0.98199 AU
	-1378 Mar 02 j 21:20	0°) €			-1374 Dec 03 j 07:13	0° ∡ ¹	
	-1378 Apr 02 j 20:33	0 ° $\mathbf{\Upsilon}$			-1373 Jan 01 j 19:15	8°0	
	-1378 May 04 j 05:39	9° 8			-1373 Jan 31 j 16:25	0° ≈	
max. Earth dist.	-1378 May 19 j 18:22	14° 8 46'34	1.01801 AU		-1373 Mar 03 j 02:24	0° ∀	
	-1378 Jun 04 j 18:29	Π $^{\circ}$ 0			-1373 Apr 03 j 01:35	0° Υ	
	-1378 Jul 06 j 03:42	0°€			-1373 May 04 j 10:40	$8^{\circ 0}$	
	-1378 Aug 06 j 03:07	$0^{\circ}\Omega$		max. Earth dist.	-1373 May 21 j 00:44	15° 8 46'39	1.01802 AU
	-1378 Sep 05 j 13:25	0° m			-1373 Jun 04 j 23:30	Π $^{\circ}0$	
	-1378 Oct 05 j 10:53	0∘ ⊽			-1373 Jul 06 j 08:47	0°ಅ	
	-1378 Nov 03 j 23:08	0° M			-1373 Aug 06 j 08:17	$0^{\circ}\Omega$	
min. Earth dist.	-1378 Nov 20 j 00:15	16°M23'41	0.98201 AU		-1373 Sep 05 j 18:40	0° m ∤	
	-1378 Dec 03 j 07:59	0° ∡ ¹			-1373 Oct 05 j 16:11	0∘ ত	
	-1377 Jan 01 j 20:04	8°0			-1373 Nov 04 j 04:26	0° M ₊	
	-1377 Jan 31 j 17:16	0° ≈		min. Earth dist.	-1373 Nov 20 j 06:11	16°M25'17	0.98203 AU
	-1377 Mar 03 j 03:16	0° ∀			-1373 Dec 03 j 13:16	0° ∡ ¹	
	-1377 Apr 03 j 02:26	0 ° Υ			-1372 Jan 02 j 01:18	8°0	
	-1377 May 04 j 11:30	9° 8			-1372 Jan 31 j 22:26	0° ≈	
max. Earth dist.	-1377 May 20 j 00:29	14° 8 47'13	1.01794 AU		-1372 Mar 02 j 08:22	0°) €	
	-1377 Jun 05 j 00:16	Π °0			-1372 Apr 02 j 07:28	$0^{\circ}\Upsilon$	
	-1377 Jul 06 j 09:26	0ං ව			-1372 May 03 j 16:29	9° 8	
	-1377 Aug 06 j 08:48	0 $^{\circ}\Omega$		max. Earth dist.	-1372 May 18 j 17:34	14° 8 19'05	1.01796 AU

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 4 Attention, astronomical year style is used: The year -1372 in astronomical counting style is the year 1373 BCE in historical counting style. -1372 Jun 04 j 05:16 Π °0 -1367 Apr 02 j 12:41 $0^{\circ}\Upsilon$ -1372 Jul 05 j 14:30 0ಂತಾ -1367 May 03 j 21:42 0°8 14°**8**46'21 1.01799 AU -1372 Aug 05 j 13:59 $0^{\circ}\Omega$ -1367 May 19 j 10:16 max. Earth dist. -1372 Sep 05 j 00:24 0° M -1367 Jun 04 j 10:28 $0^{\circ}\Pi$ 0ಂತಾ -1372 Oct 04 j 22:00 0∘**⊽** -1367 Jul 05 j 19:44 $0^{\circ}M$ -1372 Nov 03 j 10:20 -1367 Aug 05 j 19:15 $0^{\circ}\Omega$ min. Earth dist. -1372 Nov 18 j 18:07 15°M39'09 0.98200 AU -1367 Sep 05 j 05:41 0° m -1372 Dec 02 j 19:13 0° **₹** -1367 Oct 05 j 03:16 0∘ಹ -1371 Jan 01 j 07:15 ਾਤ -1367 Nov 03 j 15:35 0°M -1371 Jan 31 j 04:20 0°≈ min. Earth dist. -1367 Nov 19 j 18:32 16°M28'19 0.98200 AU -1371 Mar 02 j 14:12 0°**)**€ -1367 Dec 03 j 00:27 0°**∡**7 $0^{\circ}\Upsilon$ -1371 Apr 02 j 13:15 -1366 Jan 01 j 12:28 0°ರ -1371 May 03 j 22:15 0°8 -1366 Jan 31 j 09:34 0°**≈** max. Earth dist. -1371 May 21 j 11:57 16°**8**42'49 1.01797 AU -1366 Mar 02 j 19:27 0°**)**€ -1371 Jun 04 j 11:02 $0^{\circ}\Pi$ -1366 Apr 02 j 18:32 $0^{\circ}\Upsilon$ -1371 Jul 05 j 20:18 0ಂತಾ -1366 May 04 j 03:33 0°8 -1371 Aug 05 j 19:49 $0^{\circ}\Omega$ max. Earth dist. -1366 May 20 j 14:09 15°**8**38'35 1.01795 AU -1371 Sep 05 j 06:13 0° M -1366 Jun 04 j 16:19 Π °0 -1371 Oct 05 j 03:47 0∘**⊽** -1366 Jul 06 j 01:33 0ಂತಾ -1371 Nov 03 j 16:06 0°M -1366 Aug 06 j 01:01 $0^{\circ}\Omega$ min. Earth dist. -1371 Nov 17 j 21:53 14°M32'35 0.98205 AU -1366 Sep 05 j 11:23 0° m -1371 Dec 03 i 00:58 0°**∡**¹ -1366 Oct 05 i 08:56 0∘**⊽** -1370 Jan 01 j 13:00 0°₹ -1366 Nov 03 j 21:14 0°M -1370 Jan 31 i 10:07 0°≈ min. Earth dist. -1366 Nov 18 i 02:05 14°ML30'11 0.98202 AU -1370 Mar 02 j 20:00 0°**)**€ -1366 Dec 03 j 06:06 0°×7 -1370 Apr 02 j 19:06 $0^{\circ}\Upsilon$ -1365 Jan 01 j 18:09 0°중 -1370 May 04 j 04:09 -1365 Jan 31 j 15:18 0°8 0°≈≈ max. Earth dist. -1370 May 20 j 05:53 15°**8**17'28 1.01802 AU -1365 Mar 03 j 01:13 0° H -1370 Jun 04 j 17:00 $0^{\circ}\Pi$ -1365 Apr 03 j 00:19 $0^{\circ}\Upsilon$ -1365 May 04 j 09:22 -1370 Jul 06 j 02:18 0°9 0°8 -1370 Aug 06 j 01:49 0° Ω max. Earth dist. -1365 May 21 j 07:31 16°**8**05'53 1.01800 AU -1370 Sep 05 j 12:13 0° M -1365 Jun 04 j 22:10 $0^{\circ}\Pi$ -1370 Oct 05 j 09:45 0∘ଫ -1365 Jul 06 j 07:26 0ಂಪ -1370 Nov 03 j 22:02 0°M -1365 Aug 06 j 06:54 0 \circ Ω min. Earth dist. -1370 Nov 20 j 04:11 16°M36'31 0.98204 AU -1365 Sep 05 j 17:16 0° m -1370 Dec 03 j 06:55 0°**∡** -1365 Oct 05 j 14:49 0∘ଫ 0°궁 -1369 Jan 01 j 18:59 -1365 Nov 04 j 03:07 0°M -1369 Jan 31 j 16:08 0°**≈** min. Earth dist. -1365 Nov 19 j 22:04 16°ML07'46 0.98207 AU -1369 Mar 03 j 02:03 0°**)**€ -1365 Dec 03 j 12:00 0°**⊼** -1369 Apr 03 j 01:08 $0^{\circ}\Upsilon$ -1364 Jan 02 j 00:04 0°ರ -1369 May 04 j 10:06 0° 8 -1364 Jan 31 j 21:12 0°≈ -1369 May 19 j 20:46 14°**8**41'51 1.01793 AU -1364 Mar 02 j 07:04 max. Earth dist. -1369 Jun 04 j 22:51 -1364 Apr 02 j 06:07 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1369 Jul 06 j 08:03 -1364 May 03 j 15:07 0ಂತಾ 0°8 -1364 May 18 j 18:46 -1369 Aug 06 j 07:31 0° Ω max. Earth dist. 14°**8**25'14 1.01796 AU -1369 Sep 05 i 17:54 0° m -1364 Jun 04 i 03:53 $0^{\circ}II$ -1369 Oct 05 i 15:27 0∘**⊽** -1364 Jul 05 i 13:08 0ಂತಾ -1369 Nov 04 i 03:46 0°M -1364 Aug 05 j 12:38 $0^{\circ}\Omega$ min. Earth dist. -1369 Nov 18 j 18:14 14°M54'47 0.98202 AU -1364 Sep 04 i 23:02 0° m -1369 Dec 03 j 12:40 0°**∡**¹ -1364 Oct 04 j 20:36 0∘Ω -1368 Jan 02 j 00:46 0°る -1364 Nov 03 j 08:56 oom. 15°ML56'30 0.98201 AU -1364 Nov 18 j 23:29 -1368 Jan 31 j 21:57 0°≈≈ min. Earth dist. 0°**₩** -1368 Mar 02 j 07:53 -1364 Dec 02 j 17:49 0°×7 $0^{\circ}\Upsilon$ -1363 Jan 01 j 05:52 -1368 Apr 02 j 06:57 0°궁 -1368 May 03 j 15:54 0°8 -1363 Jan 31 j 02:59 0°≈ 0°**)**€ max. Earth dist. -1368 May 21 j 01:46 16°**8**33'46 1.01795 AU -1363 Mar 02 j 12:50 $0^{\circ}\Upsilon$ -1368 Jun 04 j 04:38 $0^{\circ}\Pi$ -1363 Apr 02 j 11:50 -1368 Jul 05 j 13:51 0ಂತಾ -1363 May 03 j 20:48 0°8 0° Ω 16°**8**40'41 1.01796 AU -1368 Aug 05 j 13:21 max. Earth dist. -1363 May 21 j 09:35 -1368 Sep 04 j 23:46 0° m -1363 Jun 04 j 09:34 Π $^{\circ}0$ -1368 Oct 04 j 21:21 0∘**⊽** -1363 Jul 05 j 18:52 0 \circ \odot -1368 Nov 03 j 09:40 0°M -1363 Aug 05 j 18:25 0° Ω min. Earth dist. -1368 Nov 18 j 08:04 15°**M**.15'09 0.98206 AU -1363 Sep 05 j 04:50 0° m -1368 Dec 02 j 18:32 0°⊀ -1363 Oct 05 j 02:23 0∘**⊽** -1367 Jan 01 j 06:34 0°궁 -1363 Nov 03 j 14:38 0°M 0°**≈** min. Earth dist. 14°M21'52 0.98201 AU -1367 Jan 31 j 03:41 -1363 Nov 17 j 16:13

-1363 Dec 02 j 23:27

0°**)**€

-1367 Mar 02 j 13:35

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 5 Attention, astronomical year style is used: The year -1362 in astronomical counting style is the year 1363 BCE in historical counting style. -1362 Jan 01 j 11:28 0°ರ -1358 Nov 03 j 19:47 0°M -1362 Jan 31 j 08:34 -1358 Nov 18 j 08:27 0°≈≈ min. Earth dist. 14°M.50'11 0.98202 AU -1362 Mar 02 j 18:27 0°**)**€ -1358 Dec 03 j 04:40 0°**∡**¹ $0^{\circ}\Upsilon$ -1362 Apr 02 j 17:32 -1357 Jan 01 j 16:42 0°궁 -1362 May 04 j 02:35 0° 8 -1357 Jan 31 j 13:47 0°≈ max. Earth dist. -1362 May 20 j 14:05 15°**8**40'38 1.01803 AU -1357 Mar 02 j 23:36 0°**∀** $0^{\circ}\Upsilon$ -1362 Jun 04 j 15:26 Π $^{\circ}0$ -1357 Apr 02 j 22:36 -1362 Jul 06 j 00:46 0ಂತಾ -1357 May 04 j 07:32 0° 8 -1362 Aug 06 j 00:21 0° Ω max. Earth dist. -1357 May 21 j 18:34 16°**8**36'31 1.01798 AU -1362 Sep 05 j 10:47 0° M -1357 Jun 04 j 20:19 Π °0 -1362 Oct 05 j 08:20 0∘**⊽** -1357 Jul 06 j 05:38 0ಂತಾ -1362 Nov 03 j 20:36 0° M -1357 Aug 06 j 05:14 0° Ω min. Earth dist. -1362 Nov 20 j 04:52 16°M42'03 0.98200 AU -1357 Sep 05 j 15:43 0° M -1362 Dec 03 j 05:23 0°**∡**¹ -1357 Oct 05 j 13:21 0∘**⊽** -1361 Jan 01 j 17:23 0°ರ -1357 Nov 04 j 01:42 0°M -1361 Jan 31 j 14:28 0°**≈** min. Earth dist. -1357 Nov 19 j 14:24 15°ML51'42 0.98208 AU -1361 Mar 03 j 00:21 0°**)**€ -1357 Dec 03 j 10:35 0°**⊼** -1361 Apr 02 j 23:26 $0^{\circ}\Upsilon$ -1356 Jan 01 j 22:38 -1361 May 04 j 08:26 0°8 -1356 Jan 31 j 19:42 0°≈ max. Earth dist. -1361 May 19 j 13:21 14°**8**28'13 1.01796 AU -1356 Mar 02 j 05:31 0°**)**€ -1361 Jun 04 j 21:12 $0^{\circ}\Pi$ -1356 Apr 02 j 04:29 $0^{\circ}\Upsilon$ -1361 Jul 06 i 06:27 0ಂತಾ -1356 May 03 j 13:23 0°8 -1361 Aug 06 i 05:59 $0^{\circ}\Omega$ max. Earth dist. -1356 May 19 i 01:32 14°**8**45'28 1.01794 AU -1361 Sep 05 i 16:25 0° m -1356 Jun 04 i 02:06 $\Pi^{\circ}0$ -1361 Oct 05 j 14:01 0∘**⊽** -1356 Jul 05 j 11:23 0ಂತಾ -1361 Nov 04 j 02:21 0°M -1356 Aug 05 j 10:59 $0^{\circ}\Omega$ -1361 Nov 19 j 04:17 15°M24'13 0.98199 AU -1356 Sep 04 j 21:31 min Earth dist 0° m -1361 Dec 03 j 11:12 -1356 Oct 04 j 19:13 0°×7 0∘Ω -1360 Jan 01 j 23:12 0°궁 -1356 Nov 03 j 07:37 o°m. min. Earth dist. -1356 Nov 19 j 10:04 -1360 Jan 31 j 20:16 0°≈ 16°M26'56 0.98202 AU -1360 Mar 02 j 06:06 0°**)**€ -1356 Dec 02 j 16:31 0°**∡**¹ -1360 Apr 02 j 05:08 $0^{\circ}\Upsilon$ -1355 Jan 01 j 04:32 0°궁 0°≈ -1360 May 03 j 14:07 0°8 -1355 Jan 31 j 01:35 -1360 May 21 j 05:17 16°**8**46'19 1.01797 AU -1355 Mar 02 j 11:23 0°**)**€ max. Earth dist. -1360 Jun 04 j 02:53 -1355 Apr 02 j 10:20 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1360 Jul 05 j 12:10 -1355 May 03 j 19:13 0ಂತಾ 0° 8 0° Ω -1360 Aug 05 j 11:43 max. Earth dist. -1355 May 21 j 03:43 16°**8**30'39 1.01791 AU -1360 Sep 04 j 22:13 0° M -1355 Jun 04 j 07:56 $\Pi^{\circ}0$ -1360 Oct 04 j 19:52 0∘**⊽** -1355 Jul 05 j 17:12 0ಂತಾ -1360 Nov 03 j 08:13 0° M -1355 Aug 05 j 16:48 $0^{\circ}\Omega$ min. Earth dist. -1360 Nov 18 j 02:46 15°M05'14 0.98204 AU -1355 Sep 05 j 03:19 -1360 Dec 02 j 17:04 0°**∡**¹ -1355 Oct 05 j 00:59 -1359 Jan 01 j 05:02 0°る -1355 Nov 03 j 13:21 -1359 Jan 31 j 02:01 -1355 Nov 17 j 20:56 14°M37'07 0.98204 AU 0°≈ min. Earth dist. -1359 Mar 02 j 11:47 0°**)**€ -1355 Dec 02 j 22:13 0°×7 $0^{\circ}\Upsilon$ -1359 Apr 02 j 10:47 -1354 Jan 01 i 10:13 0°궁 -1359 May 03 j 19:48 0°8 -1354 Jan 31 i 07:16 0°≈ max. Earth dist. -1359 May 19 j 19:32 15°**8**12'47 1.01803 AU -1354 Mar 02 i 17:05 0°**∀** -1359 Jun 04 j 08:39 Π °0 -1354 Apr 02 j 16:06 $0^{\circ}\Upsilon$ -1359 Jul 05 j 18:00 0ಂತಾ -1354 May 04 j 01:06 0°8 -1359 Aug 05 j 17:37 $0^{\circ}\Omega$ -1354 May 20 j 22:08 16°**8**03'19 1.01800 AU max Earth dist -1359 Sep 05 j 04:07 0° m -1354 Jun 04 j 13:54 $\Pi^{\circ}0$ -1359 Oct 05 j 01:46 -1354 Jul 05 j 23:12 0ಂತಾ 0∘⊽ $0^{\circ}\Omega$ -1359 Nov 03 j 14:07 0°M -1354 Aug 05 j 22:47 min. Earth dist. -1359 Nov 20 j 01:27 16°M49'44 0.98201 AU -1354 Sep 05 j 09:17 0° m -1359 Dec 02 j 22:59 0° **₹** -1354 Oct 05 j 06:56 0∘ಹ -1358 Jan 01 j 10:58 0°ರ 0° M -1354 Nov 03 j 19:18 16°M43'29 0.98206 AU -1358 Jan 31 j 07:59 0°≈ min. Earth dist. -1354 Nov 20 j 04:12 0°**∀** -1358 Mar 02 j 17:44 -1354 Dec 03 j 04:10 0° **₹** $0^{\circ}\Upsilon$ 0°ರ -1358 Apr 02 j 16:42 -1353 Jan 01 j 16:12 -1358 May 04 j 01:40 0°8 -1353 Jan 31 j 13:15 0°≈ max. Earth dist. -1358 May 20 j 07:22 15°**8**26'59 1.01797 AU -1353 Mar 02 j 23:05 0°**)**€ -1358 Jun 04 j 14:28 $0^{\circ}II$ -1353 Apr 02 j 22:06 $0^{\circ}\Upsilon$ -1358 Jul 05 j 23:47 0 \circ \odot -1353 May 04 j 07:04 0°8 -1358 Aug 05 j 23:22 0° Ω max. Earth dist. -1353 May 19 j 10:49 14°**8**25'29 1.01794 AU 0° m -1353 Jun 04 j 19:49 $\Pi^{\circ}0$ -1358 Sep 05 j 09:50

-1353 Jul 06 j 05:04

0ಂತಾ

0∘**ত**

-1358 Oct 05 j 07:26

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 6 Attention, astronomical year style is used: The year -1353 in astronomical counting style is the year 1354 BCE in historical counting style. -1353 Aug 06 j 04:35 $0^{\circ}\Omega$ max. Earth dist. -1348 May 19 j 06:42 15°**8**00'53 1.01799 AU -1353 Sep 05 j 15:02 0°m -1348 Jun 04 j 00:49 Π °0 -1353 Oct 05 j 12:40 0∘**⊽** -1348 Jul 05 j 10:08 0ംഉ -1353 Nov 04 j 01:03 $0^{\circ}M$ -1348 Aug 05 j 09:47 $0^{\circ}\Omega$ -1348 Sep 04 j 20:22 min. Earth dist. -1353 Nov 19 j 11:04 15°M44'47 0.98203 AU 0° m -1353 Dec 03 j 09:59 0° ⊀ -1348 Oct 04 j 18:07 0∘ಹ 0° M -1352 Jan 01 j 22:03 0°ಕ -1348 Nov 03 j 06:32 -1352 Jan 31 j 19:08 0°≈ min. Earth dist. -1348 Nov 19 j 18:59 16°M52'28 0.98202 AU -1352 Mar 02 j 04:56 0°**∀** -1348 Dec 02 j 15:26 0°⊀ $0^{\circ}\Upsilon$ -1352 Apr 02 j 03:54 -1347 Jan 01 j 03:24 0°ರ -1352 May 03 j 12:50 0°8 -1347 Jan 31 j 00:20 0°≈ max. Earth dist. -1352 May 21 j 06:55 16°**8**53'19 1.01795 AU -1347 Mar 02 j 10:01 0°**)**€ $0^{\circ}\Upsilon$ -1352 Jun 04 j 01:34 $0^{\circ}\Pi$ -1347 Apr 02 j 08:54 -1352 Jul 05 j 10:51 0ಂತಾ -1347 May 03 j 17:47 0°8 -1352 Aug 05 j 10:25 $0^{\circ}\Omega$ max. Earth dist. -1347 May 20 j 20:17 16°**8**16'23 1.01795 AU -1352 Sep 04 j 20:54 0° M -1347 Jun 04 j 06:34 $0^{\circ}\Pi$ -1352 Oct 04 j 18:33 0∘**⊽** -1347 Jul 05 j 15:54 0ಂತಾ -1352 Nov 03 j 06:55 0°M -1347 Aug 05 j 15:34 0° Ω min. Earth dist. -1352 Nov 17 j 15:48 14°M40'28 0.98205 AU -1347 Sep 05 j 02:07 0° m -1352 Dec 02 j 15:47 0°×7 -1347 Oct 04 j 23:49 0°Ω -1351 Jan 01 j 03:47 0°궁 -1347 Nov 03 j 12:13 $0^{\circ}M$ -1351 Jan 31 i 00:49 0°≈ min. Earth dist. -1347 Nov 18 i 00:49 14°ML49'56 0.98203 AU -1351 Mar 02 j 10:36 0°**)**€ -1347 Dec 02 i 21:05 0°×7 -1351 Apr 02 i 09:35 0° -1346 Jan 01 i 09:03 0°궁 -1351 May 03 j 18:33 0°8 -1346 Jan 31 j 06:01 0°≈ -1351 May 20 j 03:11 -1346 Mar 02 j 15:43 0°**₩** max. Earth dist. 15°**8**33'54 1.01802 AU -1351 Jun 04 j 07:23 -1346 Apr 02 j 14:38 $0^{\circ}\Upsilon$ 0°π -1351 Jul 05 j 16:46 0ಂತಾ -1346 May 03 j 23:34 0°8 -1351 Aug 05 j 16:25 $0^{\circ}\Omega$ max. Earth dist. -1346 May 21 j 09:50 16°**8**34'42 1.01801 AU 0° My -1351 Sep 05 j 02:56 -1346 Jun 04 j 12:23 $0^{\circ}\Pi$ -1351 Oct 05 j 00:35 0∘ଫ -1346 Jul 05 j 21:46 0ಂತಾ $0^{\circ}M$ -1351 Nov 03 j 12:55 -1346 Aug 05 j 21:27 0° Ω -1351 Nov 20 j 02:11 16°M54'47 0.98200 AU -1346 Sep 05 j 08:01 min. Earth dist. 0° m -1351 Dec 02 j 21:44 0°**∡** -1346 Oct 05 j 05:42 0∘ଫ -1350 Jan 01 j 09:43 0°ಕ -1346 Nov 03 j 18:04 0°M -1350 Jan 31 j 06:44 0°≈ min. Earth dist. -1346 Nov 19 j 21:55 16°M30'31 0.98206 AU 0°**)**€ -1350 Mar 02 j 16:31 -1346 Dec 03 j 02:56 0°**⊼** -1350 Apr 02 j 15:30 $0^{\circ}\Upsilon$ -1345 Jan 01 j 14:56 0°ರ -1350 May 04 j 00:28 0° 8 -1345 Jan 31 j 11:57 0°≈ max. Earth dist. -1350 May 19 j 17:50 14°**8**57'43 1.01797 AU -1345 Mar 02 j 21:42 0°**)**€ -1350 Jun 04 j 13:17 $\Pi^{\circ}0$ -1345 Apr 02 j 20:37 $0^{\circ}\Upsilon$ -1350 Jul 05 j 22:36 0ಂತಾ -1345 May 04 j 05:30 0°8 -1350 Aug 05 j 22:13 $0^{\circ}\Omega$ max. Earth dist. -1345 May 19 j 16:10 14°842'00 1.01794 AU -1350 Sep 05 j 08:43 -1345 Jun 04 j 18:14 0° M Π °0 -1350 Oct 05 j 06:21 -1345 Jul 06 j 03:32 0∘**⊽** -1350 Nov 03 j 18:40 0°M -1345 Aug 06 j 03:10 $0^{\circ}\Omega$ min. Earth dist. -1350 Nov 18 i 15:38 15°M11'27 0.98197 AU -1345 Sep 05 i 13:43 0° m -1350 Dec 03 i 03:30 0°**∡**¹ -1345 Oct 05 i 11:26 0∘**⊽** -1349 Jan 01 i 15:28 0°정 -1345 Nov 03 j 23:50 0°M 16°ML12'28 0.98202 AU -1349 Jan 31 j 12:30 -1345 Nov 19 j 20:39 0°≈≈ min. Earth dist. -1349 Mar 02 j 22:18 0°**₩** -1345 Dec 03 j 08:44 0°×7 $0^{\circ}\Upsilon$ -1344 Jan 01 j 20:45 0°궁 -1349 Apr 02 j 21:19 -1349 May 04 j 06:17 0°8 -1344 Jan 31 j 17:46 0°≈≈ max. Earth dist. -1349 May 21 j 22:13 16°848'09 1.01800 AU -1344 Mar 02 j 03:30 0°**∀** -1349 Jun 04 j 19:05 $\Pi^{\circ}0$ -1344 Apr 02 j 02:23 0° -1349 Jul 06 j 04:25 0ಂತಾ -1344 May 03 j 11:14 0°8 -1349 Aug 06 j 04:03 0° Ω max. Earth dist. -1344 May 21 j 07:22 16°**୪**58'19 1.01791 AU $0^{\circ} {\rm M}$ $0^{\circ}\Pi$ -1349 Sep 05 j 14:35 -1344 Jun 03 j 23:55 0∘**⊽** 0ಂತಾ -1349 Oct 05 j 12:16 -1344 Jul 05 j 09:12 -1349 Nov 04 j 00:37 0°M -1344 Aug 05 j 08:51 0 $^{\circ}$ Ω min. Earth dist. -1349 Nov 19 j 06:26 15°M34'05 0.98205 AU -1344 Sep 04 j 19:27 0° m -1349 Dec 03 j 09:28 0°⊀ -1344 Oct 04 j 17:11 0∘**⊽** -1348 Jan 01 j 21:25 0°궁 -1344 Nov 03 j 05:36 0°M -1348 Jan 31 j 18:24 0°≈ min. Earth dist. -1344 Nov 17 j 17:31 14°M48'12 0.98204 AU -1348 Mar 02 j 04:08 0°**)** -1344 Dec 02 j 14:27 0°**∡**7 $0^{\circ}\Upsilon$ -1343 Jan 01 j 02:24 0°정 -1348 Apr 02 j 03:05

-1343 Jan 30 j 23:21

0°≈

 0° 8

-1348 May 03 j 12:02

```
Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21,
                                                                                                                                page 7
Attention, astronomical year style is used: The year -1343 in astronomical counting style is the year 1344 BCE in historical counting style.
                     -1343 Mar 02 j 09:04
                                               0°∀
                                                                                                    -1339 Dec 02 j 19:29
                                                                                                                             0°×7
                     -1343 Apr 02 j 07:58
                                               0^{\circ}\Upsilon
                                                                                                    -1338 Jan 01 j 07:24
                                                                                                                             0°궁
                                               0°8
                                                                                                   -1338 Jan 31 j 04:21
                     -1343 May 03 j 16:54
                                                                                                                             0°≈≈
                     -1343 May 20 j 11:38
                                              15°857'55 1.01800 AU
                                                                                                    -1338 Mar 02 j 14:03
                                                                                                                             0°)€
max. Earth dist.
                                                                                                                             0^{\circ}\Upsilon
                     -1343 Jun 04 j 05:41
                                               0^{\circ}\Pi
                                                                                                    -1338 Apr 02 j 12:57
                     -1343 Jul 05 j 15:03
                                               0°9
                                                                                                    -1338 May 03 j 21:52
                                                                                                                             0^{\circ}8
                     -1343 Aug 05 j 14:44
                                               0°\Omega
                                                                              max. Earth dist.
                                                                                                    -1338 May 21 j 16:47
                                                                                                                            16°855'15 1.01801 AU
                     -1343 Sep 05 j 01:21
                                               0° m
                                                                                                    -1338 Jun 04 j 10:41
                                                                                                                             0°II
                     -1343 Oct 04 j 23:06
                                               0。<del>Շ</del>
                                                                                                    -1338 Jul 05 j 20:06
                                                                                                                             0ಂಪ
                     -1343 Nov 03 j 11:31
                                               0^{\circ}M
                                                                                                    -1338 Aug 05 j 19:50
                                                                                                                             0°\Omega
min. Earth dist.
                     -1343 Nov 20 j 07:42
                                              17°M12'20 0.98203 AU
                                                                                                    -1338 Sep 05 j 06:29
                                                                                                                             0° M
                     -1343 Dec 02 j 20:23
                                               0°∡¹
                                                                                                    -1338 Oct 05 j 04:14
                                                                                                                             0∘⊽
                     -1342 Jan 01 j 08:19
                                               0°궁
                                                                                                    -1338 Nov 03 j 16:36
                                                                                                                             0°M
                     -1342 Jan 31 j 05:15
                                               0°≈
                                                                              min. Earth dist.
                                                                                                    -1338 Nov 19 j 15:27
                                                                                                                            16°M17'43 0.98204 AU
                     -1342 Mar 02 j 14:58
                                               0°)€
                                                                                                    -1338 Dec 03 j 01:26
                                                                                                                             0°×7
                     -1342 Apr 02 j 13:52
                                               0^{\circ}\Upsilon
                                                                                                    -1337 Jan 01 j 13:21
                                                                                                                             0°정
                     -1342 May 03 j 22:48
                                               0°8
                                                                                                    -1337 Jan 31 j 10:17
                                                                                                                             0°≈
max. Earth dist.
                     -1342 May 19 j 10:46
                                              14°845'00 1.01796 AU
                                                                                                    -1337 Mar 02 j 20:00
                                                                                                                             0°)€
                     -1342 Jun 04 j 11:34
                                               \Pi°0
                                                                                                    -1337 Apr 02 j 18:55
                                                                                                                             0^{\circ}\Upsilon
                     -1342 Jul 05 j 20:53
                                               0ಂತಾ
                                                                                                    -1337 May 04 j 03:49
                                                                                                                             0°8
                     -1342 Aug 05 j 20:31
                                               0^{\circ}\Omega
                                                                              max. Earth dist.
                                                                                                    -1337 May 19 j 18:23
                                                                                                                            14°851'13 1.01796 AU
                     -1342 Sep 05 i 07:04
                                               0° m
                                                                                                    -1337 Jun 04 i 16:34
                                                                                                                             \Pi^{\circ}0
                     -1342 Oct 05 i 04:46
                                               0∘⊽
                                                                                                    -1337 Jul 06 i 01:55
                                                                                                                             0ಂತಾ
                     -1342 Nov 03 j 17:10
                                               0°M
                                                                                                    -1337 Aug 06 j 01:37
                                                                                                                             0^{\circ}\Omega
min. Earth dist.
                     -1342 Nov 19 j 00:32
                                              15°M37'59 0.98201 AU
                                                                                                    -1337 Sep 05 j 12:15
                                                                                                                             0° m
                     -1342 Dec 03 j 02:03
                                                                                                    -1337 Oct 05 j 10:02
                                               0°×7
                                                                                                                             0∘Ω
                     -1341 Jan 01 j 14:02
                                               0°る
                                                                                                    -1337 Nov 03 j 22:29
                                                                                                                             oom.
                     -1341 Jan 31 j 11:01
                                               0°≈≈
                                                                              min. Earth dist.
                                                                                                    -1337 Nov 20 j 07:50
                                                                                                                            16°M44'32 0.98201 AU
                                               0°₩
                     -1341 Mar 02 j 20:44
                                                                                                    -1337 Dec 03 j 07:23
                                                                                                                             0°×7
                                                                                                    -1336 Jan 01 j 19:19
                     -1341 Apr 02 j 19:39
                                               0^{\circ}\Upsilon
                                                                                                                             0°ಕ
                     -1341 May 04 j 04:34
                                               0°8
                                                                                                    -1336 Jan 31 j 16:15
                                                                                                                             0°≈
max. Earth dist.
                     -1341 May 22 j 02:30
                                              17°802'25 1.01798 AU
                                                                                                    -1336 Mar 02 j 01:54
                                                                                                                             0° <del>)(</del>
                     -1341 Jun 04 j 17:20
                                                                                                    -1336 Apr 02 j 00:45
                                                                                                                             0^{\circ}\Upsilon
                                               0^{\circ}\Pi
                     -1341 Jul 06 j 02:40
                                               0ಂತಾ
                                                                                                    -1336 May 03 j 09:36
                                                                                                                             0^{\circ}8
                     -1341 Aug 06 j 02:19
                                               0\circ\Omega
                                                                              max. Earth dist.
                                                                                                    -1336 May 21 j 00:57
                                                                                                                            16°846'56 1.01793 AU
                     -1341 Sep 05 j 12:52
                                               0° M
                                                                                                    -1336 Jun 03 j 22:20
                                                                                                                             0^{\circ}\Pi
                     -1341 Oct 05 j 10:35
                                               0∘⊽
                                                                                                    -1336 Jul 05 j 07:40
                                                                                                                             0\circ\odot
                     -1341 Nov 03 j 22:59
                                               0^{\circ}M
                                                                                                    -1336 Aug 05 j 07:22
                                                                                                                             0^{\circ}\Omega
min. Earth dist.
                     -1341 Nov 18 j 18:07
                                              15°ML06'39 0.98208 AU
                                                                                                    -1336 Sep 04 j 18:02
                     -1341 Dec 03 j 07:53
                                               0°⊀
                                                                                                    -1336 Oct 04 j 15:51
                                                                                                                             0∘⊽
                     -1340 Jan 01 j 19:53
                                               0°ರ
                                                                                                    -1336 Nov 03 j 04:19
                                                                                                                             0°M
                     -1340 Jan 31 j 16:51
                                                                                                    -1336 Nov 17 j 20:41
                                                                                                                            14°M 59'28 0.98204 AU
                                               0°≈
                                                                              min. Earth dist.
                     -1340 Mar 02 j 02:32
                                               0°)€
                                                                                                    -1336 Dec 02 j 13:13
                                                                                                                             0°×7
                     -1340 Apr 02 j 01:24
                                               0^{\circ}\Upsilon
                                                                                                    -1335 Jan 01 j 01:07
                     -1340 May 03 j 10:17
                                                                                                    -1335 Jan 30 j 21:59
                                               0°8
max. Earth dist.
                     -1340 May 19 j 15:23
                                              15°825'40 1.01798 AU
                                                                                                    -1335 Mar 02 i 07:35
                                                                                                                             0°∀
                     -1340 Jun 03 j 23:04
                                               0^{\circ}II
                                                                                                    -1335 Apr 02 i 06:25
                                                                                                                             0^{\circ}\Upsilon
                     -1340 Jul 05 i 08:26
                                               0ಂತಾ
                                                                                                    -1335 May 03 j 15:18
                                                                                                                             0°8
                     -1340 Aug 05 j 08:07
                                               0^{\circ}\Omega
                                                                              max. Earth dist.
                                                                                                    -1335 May 20 j 22:19
                                                                                                                            16°827'01 1.01802 AU
                     -1340 Sep 04 j 18:44
                                               0° m
                                                                                                    -1335 Jun 04 j 04:08
                                                                                                                             0°Π
                     -1340 Oct 04 j 16:29
                                               0∘⊽
                                                                                                    -1335 Jul 05 j 13:34
                                                                                                                             0ಂತಾ
                     -1340 Nov 03 j 04:54
                                               o°m.
                                                                                                    -1335 Aug 05 j 13:20
                                                                                                                             0^{\circ}\Omega
                                              17°M 03'22 0.98203 AU
min Earth dist
                     -1340 Nov 19 j 21:36
                                                                                                    -1335 Sep 05 j 00:01
                                                                                                                             0° m
                     -1340 Dec 02 j 13:48
                                               0°×7
                                                                                                    -1335 Oct 04 j 21:50
                                                                                                                             0∘ಹ
                     -1339 Jan 01 j 01:46
                                               0°ರ
                                                                                                    -1335 Nov 03 j 10:17
                                                                                                                             0^{\circ}M
                     -1339 Jan 30 j 22:44
                                               0°≈
                                                                              min. Earth dist.
                                                                                                    -1335 Nov 20 j 06:50
                                                                                                                            17°ML13'11 0.98206 AU
                                               0°)€
                                                                                                                             0°×7
                     -1339 Mar 02 j 08:24
                                                                                                    -1335 Dec 02 j 19:11
                                               0^{\circ}\Upsilon
                                                                                                                             0°ರ
                     -1339 Apr 02 j 07:14
                                                                                                    -1334 Jan 01 j 07:07
                     -1339 May 03 j 16:05
                                               0°8
                                                                                                    -1334 Jan 31 j 04:00
                                                                                                                             0°≈
                                                                                                                             0°)€
max. Earth dist.
                     -1339 May 20 j 09:21
                                              15°854'32 1.01794 AU
                                                                                                    -1334 Mar 02 j 13:37
                                                                                                                             0^{\circ}\Upsilon
                     -1339 Jun 04 j 04:51
                                               \Pi^{\circ}0
                                                                                                    -1334 Apr 02 j 12:27
                     -1339 Jul 05 j 14:13
                                               0\circ\odot
                                                                                                    -1334 May 03 j 21:19
                                                                                                                             0°8
                     -1339 Aug 05 j 13:56
                                               0°\Omega
                                                                              max. Earth dist.
                                                                                                    -1334 May 19 j 12:50
                                                                                                                            14°853'26 1.01797 AU
                     -1339 Sep 05 j 00:33
                                               0° m
                                                                                                    -1334 Jun 04 j 10:06
                                                                                                                             0^{\circ}\Pi
                     -1339 Oct 04 j 22:16
                                               0∘⊽
                                                                                                    -1334 Jul 05 j 19:30
                                                                                                                             0\circ\odot
                                                                                                                             0^{\circ}\Omega
                     -1339 Nov 03 j 10:39
                                                                                                    -1334 Aug 05 j 19:13
min. Earth dist.
                     -1339 Nov 18 j 04:51
                                              15°M04'21 0.98199 AU
                                                                                                    -1334 Sep 05 j 05:51
                                                                                                                             0° M
```

Planetary Phen	omena of Sun from	-1400 thro	ugh -898 (UT)	, Astrodienst AG	18-Feb-2025 14:21	, page 8	
Attention, astronon	nical year style is used: Th	e year -1334 i	n astronomical co	unting style is the year	1335 BCE in historical c	ounting style.	
	-1334 Oct 05 j 03:36	0∘ ⊽			-1329 Jul 06 j 00:39	0 \circ \odot	
	-1334 Nov 03 j 16:02	0° M			-1329 Aug 06 j 00:21	$0^{\circ}\Omega$	
min. Earth dist.	-1334 Nov 19 j 08:00	16° ML 00° 01	0.98202 AU		-1329 Sep 05 j 10:59	0° m)	
	-1334 Dec 03 j 00:56	0° ∡ ¹			-1329 Oct 05 j 08:47	0∘ 亚	
	-1333 Jan 01 j 12:55	0° ට			-1329 Nov 03 j 21:15	0° M	
	-1333 Jan 31 j 09:53	0° ≈		min. Earth dist.	-1329 Nov 20 j 13:01	17°ML00'56	0.98204 AU
	-1333 Mar 02 j 19:32	0° ∀			-1329 Dec 03 j 06:10	0° ∡	
	-1333 Apr 02 j 18:22	0° Υ			-1328 Jan 01 j 18:08	ರ∘ರ	
	-1333 May 04 j 03:12	0°8			-1328 Jan 31 j 15:04	0° ≈	
max. Earth dist.	-1333 May 22 j 07:42	17° 8 18'06	1.01795 AU		-1328 Mar 02 j 00:41	0°) €	
	-1333 Jun 04 j 15:57	0ಂ ខ 0ಂⅡ			-1328 Apr 01 j 23:28	0ა 尺 0ა 人	
	-1333 Jul 06 j 01:18	0° U 0 €3		max. Earth dist.	-1328 May 03 j 08:17 -1328 May 20 j 17:16	16° 8 31'53	1.01792 AU
	-1333 Aug 06 j 01:02 -1333 Sep 05 j 11:42	0° m p		max. Earth dist.	-1328 Jun 03 j 21:01	0°Ⅱ	1.01/92 AU
	-1333 Sep 05 j 11:42 -1333 Oct 05 j 09:29	0∘ ত راالہ			-1328 Jul 05 j 06:22	0°©	
	-1333 Nov 03 j 21:55	0° m .			-1328 Aug 05 j 06:06	0° U	
min. Earth dist.	-1333 Nov 18 j 13:18	14°ML56'59	0.98207 AU		-1328 Sep 04 j 16:47	0° m/y	
	-1333 Dec 03 j 06:49	0° ∡ ¹			-1328 Oct 04 j 14:35	0∘ ⊽	
	-1332 Jan 01 j 18:47	0°⋜			-1328 Nov 03 j 03:01	0° M .	
	-1332 Jan 31 j 15:43	0° ≈		min. Earth dist.	-1328 Nov 17 j 20:08	15°ML01'28	0.98202 AU
	-1332 Mar 02 j 01:22	0° ∀			-1328 Dec 02 j 11:53	0° ∡ ¹	
	-1332 Apr 02 j 00:10	0° Υ			-1328 Dec 31 j 23:47	ರ°0	
	-1332 May 03 j 08:59	9° 8			-1327 Jan 30 j 20:39	0° ≈	
max. Earth dist.	-1332 May 20 j 00:21	15° 8 50'02	1.01796 AU		-1327 Mar 02 j 06:14	0° ∀	
	-1332 Jun 03 j 21:44	Π °0			-1327 Apr 02 j 05:01	0° Y	
	-1332 Jul 05 j 07:06	0 \circ \odot			-1327 May 03 j 13:52	9° 8	
	-1332 Aug 05 j 06:51	$0^{\circ}\Omega$		max. Earth dist.	-1327 May 21 j 07:54		1.01801 AU
	-1332 Sep 04 j 17:34	0° m			-1327 Jun 04 j 02:41	Π °0	
	-1332 Oct 04 j 15:25	0∘ ⊽			-1327 Jul 05 j 12:09	0°®	
	-1332 Nov 03 j 03:54	0°M			-1327 Aug 05 j 11:58	0 $^{\circ}\Omega$	
min. Earth dist.	-1332 Nov 20 j 04:01	17° M 22'21	0.98204 AU		-1327 Sep 04 j 22:42	0° m)	
	-1332 Dec 02 j 12:48	0° ∡			-1327 Oct 04 j 20:31	0∘ ফ	
	-1331 Jan 01 j 00:44	0° ට		· Patra	-1327 Nov 03 j 08:56	0°M	0.00202.441
	-1331 Jan 30 j 21:38	0° ≈		min. Earth dist.	-1327 Nov 19 j 23:59	16°M59'10	0.98203 AU
	-1331 Mar 02 j 07:15	0° ℋ 0° Ƴ			-1327 Dec 02 j 17:45 -1326 Jan 01 j 05:37	0° ろ	
	-1331 Apr 02 j 06:04 -1331 May 03 j 14:53	0°8			-1326 Jan 31 j 02:29	0°≈	
max. Earth dist.	-1331 May 19 j 20:15		1.01792 AU		-1326 Mar 02 j 12:05	0° ∺	
max. Lattii dist.	-1331 Jun 04 j 03:36	0° Ⅱ	1.01/ <i>)2</i> AO		-1326 Apr 02 j 10:54	0° Υ	
	-1331 Jul 05 j 12:57	0			-1326 May 03 j 19:46	0°8	
	-1331 Aug 05 j 12:41	0°N		max. Earth dist.	-1326 May 19 j 12:50	14° 8 57'08	1.01799 AU
	-1331 Sep 04 j 23:21	0° m/y			-1326 Jun 04 j 08:33	0°II	
	-1331 Oct 04 j 21:10	0∘ <u>⊽</u>			-1326 Jul 05 j 17:59	0° ©	
	-1331 Nov 03 j 09:37	0° M.			-1326 Aug 05 j 17:46	$0^{\circ}\Omega$	
min. Earth dist.	-1331 Nov 18 j 14:20	15°M31'11	0.98201 AU		-1326 Sep 05 j 04:28	0° ™	
	-1331 Dec 02 j 18:29	0° ∡ ¹			-1326 Oct 05 j 02:17	0∘ ⊽	
	-1330 Jan 01 j 06:24	0°ප			-1326 Nov 03 j 14:42	0° M	
	-1330 Jan 31 j 03:18	0° ≈		min. Earth dist.	-1326 Nov 19 j 18:09	16°M29'27	0.98198 AU
	-1330 Mar 02 j 12:56	0° ∀			-1326 Dec 02 j 23:33	0° ∡ ¹	
	-1330 Apr 02 j 11:47	0° Υ			-1325 Jan 01 j 11:26	0°ಕ	
	-1330 May 03 j 20:39	0°8			-1325 Jan 31 j 08:18	0° ≈	
max. Earth dist.	-1330 May 21 j 21:23		1.01799 AU		-1325 Mar 02 j 17:54	0° ∀	
	-1330 Jun 04 j 09:27	0° Ⅱ			-1325 Apr 02 j 16:43	0° Υ	
	-1330 Jul 05 j 18:50	0°©		The state of	-1325 May 04 j 01:33	0°8	1.01506.177
	-1330 Aug 05 j 18:34	0° N		max. Earth dist.	-1325 May 22 j 05:34	17° 8 16'59	1.01796 AU
	-1330 Sep 05 j 05:14	0° m			-1325 Jun 04 j 14:18	0°Ⅱ	
	-1330 Oct 05 j 03:01	0∘ ™			-1325 Jul 05 j 23:41	0°©	
min. Earth dist.	-1330 Nov 03 j 15:28 -1330 Nov 19 j 05:39	0°M 15°M55'25	0.98207 AU		-1325 Aug 05 j 23:28 -1325 Sep 05 j 10:12	0° Ω 0° m	
iiiii. Eartii tiist.	-1330 Nov 19 j 03.39 -1330 Dec 03 j 00:21	15 ll c 35 25 0° √	0.98207 AU		-1325 Oct 05 j 08:04	0∘ ত راا	
	-1329 Jan 01 j 12:17	0° ठ			-1325 Nov 03 j 20:32	0° ™	
	-1329 Jan 31 j 09:11	0°≈		min. Earth dist.	-1325 Nov 03 j 20.32 -1325 Nov 18 j 15:31	15°M06'10	0.98204 AU
	-1329 Mar 02 j 18:49	0° ∺		Zarur diot.	-1325 Dec 03 j 05:25	0° ∡ ⊓	3.50201710
	-1329 Apr 02 j 17:40	0° Υ			-1324 Jan 01 j 17:17	0°ਤੇ	
	-1329 May 04 j 02:32	0°8			-1324 Jan 31 j 14:06	0° ≈	
max. Earth dist.	-1329 May 20 j 00:24	15° 8 08'31	1.01797 AU		-1324 Mar 01 j 23:37	0° ∀	
	-1329 Jun 04 j 15:18	$\Pi^{\circ}0$			-1324 Apr 01 j 22:22	0° Y	
	-				-		

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -1324 in astronomical counting style is the year 1325 BCE in historical counting style. -1324 May 03 j 07:10 0°8 -1319 Jan 30 j 19:12 0°≈ -1324 May 20 j 09:14 16°**8**15'24 1.01799 AU -1319 Mar 02 j 04:44 0°**₩** max Earth dist -1319 Apr 02 j 03:28 -1324 Jun 03 j 19:57 $0^{\circ}II$ $0^{\circ}\Upsilon$ 0° 8 -1324 Jul 05 j 05:23 000 -1319 May 03 j 12:16 -1319 May 21 j 14:34 -1324 Aug 05 j 05:12 0° Ω max. Earth dist. 17°**8**12'53 1.01797 AU -1324 Sep 04 j 15:59 0° M -1319 Jun 04 j 01:02 Π $^{\circ}0$ -1324 Oct 04 j 13:55 0∘**⊽** -1319 Jul 05 j 10:28 0°9 -1324 Nov 03 j 02:27 0° M -1319 Aug 05 j 10:18 0 \circ Ω 17° ML39'29 0.98206 AU min. Earth dist. -1324 Nov 20 j 09:18 -1319 Sep 04 j 21:05 0° m -1324 Dec 02 j 11:22 0°**∡**¹ -1319 Oct 04 j 19:00 0°Ω -1324 Dec 31 j 23:15 0°궁 -1319 Nov 03 j 07:31 0°M -1323 Jan 30 j 20:03 0°≈ min. Earth dist. -1319 Nov 19 j 18:41 16°ML49'03 0.98207 AU -1323 Mar 02 j 05:32 0°**)**€ -1319 Dec 02 j 16:24 0°**∡**7 -1323 Apr 02 j 04:15 $0^{\circ}\Upsilon$ -1318 Jan 01 j 04:17 0°정 -1323 May 03 j 13:01 0° 8 -1318 Jan 31 j 01:06 0°≈ max. Earth dist. -1323 May 19 j 16:44 15°**8**22'28 1.01795 AU -1318 Mar 02 j 10:39 0°**)**€ -1323 Jun 04 j 01:47 Π $^{\circ}0$ -1318 Apr 02 j 09:25 $0^{\circ}\Upsilon$ -1323 Jul 05 j 11:13 0ಂತಾ -1318 May 03 j 18:16 0°8 -1323 Aug 05 j 11:01 $0^{\circ}\Omega$ max. Earth dist. -1318 May 19 j 14:00 15°**8**03'28 1.01797 AU -1323 Sep 04 j 21:46 0° M -1318 Jun 04 j 07:03 Π °0 -1323 Oct 04 j 19:38 0∘**⊽** -1318 Jul 05 j 16:27 0ಂತಾ -1323 Nov 03 j 08:09 0°M -1318 Aug 05 i 16:14 $0^{\circ}\Omega$ min. Earth dist. -1323 Nov 18 j 22:55 15°M56'53 0.98202 AU -1318 Sep 05 i 02:57 0° m -1323 Dec 02 j 17:03 0°**∡**¹ -1318 Oct 05 i 00:48 0∘**⊽** -1322 Jan 01 j 04:57 0°₹ -1318 Nov 03 j 13:18 $0^{\circ}M$ -1322 Jan 31 j 01:47 -1318 Nov 20 j 02:07 16°M53'20 0.98203 AU 0°≈≈ min. Earth dist. -1322 Mar 02 j 11:18 0°**₩** -1318 Dec 02 j 22:13 0°×7 $0^{\circ}\Upsilon$ -1317 Jan 01 j 10:09 0°₹ -1322 Apr 02 j 10:01 -1322 May 03 j 18:48 0°8 -1317 Jan 31 j 07:01 0°≈≈ -1322 May 22 j 05:42 -1317 Mar 02 j 16:34 max. Earth dist. 17°**8**33'17 1.01797 AU 0°)(-1322 Jun 04 j 07:34 $0^{\circ}\Pi$ -1317 Apr 02 j 15:20 $0^{\circ}\Upsilon$ -1322 Jul 05 j 17:01 0°9 -1317 May 04 j 00:08 0° 8 -1322 Aug 05 j 16:51 0° Ω max. Earth dist. -1317 May 21 j 23:22 17°**8**05'38 1.01794 AU -1322 Sep 05 j 03:36 -1317 Jun 04 j 12:53 0° M $0^{\circ}\Pi$ -1322 Oct 05 j 01:28 -1317 Jul 05 j 22:17 0∘**⊽** 0ಂತಾ -1322 Nov 03 j 13:57 0° M -1317 Aug 05 j 22:04 0 \circ Ω min. Earth dist. -1322 Nov 18 j 19:52 15°M34'12 0.98208 AU -1317 Sep 05 j 08:47 0° m -1322 Dec 02 j 22:51 0°⊀ -1317 Oct 05 j 06:38 0∘**⊽** -1321 Jan 01 j 10:47 0°ರ -1317 Nov 03 j 19:08 0°M -1321 Jan 31 j 07:39 0°**≈** min. Earth dist. -1317 Nov 18 j 12:07 15°ML01'01 0.98206 AU -1321 Mar 02 j 17:13 0°**)**€ -1317 Dec 03 j 04:03 0°**⊼** -1321 Apr 02 j 15:57 $0^{\circ}\Upsilon$ -1316 Jan 01 j 15:58 0°정 -1321 May 04 j 00:44 0° 8 -1316 Jan 31 j 12:49 -1321 May 20 j 10:58 15°**8**37'59 1.01794 AU max. Earth dist. -1316 Mar 01 j 22:19 -1321 Jun 04 j 13:26 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1316 Apr 01 j 21:01 -1321 Jul 05 j 22:50 0ಂತಾ -1316 May 03 i 05:49 0°8 -1321 Aug 05 j 22:38 $0^{\circ}\Omega$ max. Earth dist. -1316 May 20 j 18:09 16°839'46 1.01799 AU -1321 Sep 05 i 09:23 0° m -1316 Jun 03 i 18:35 $0^{\circ}II$ -1321 Oct 05 j 07:17 0∘**⊽** -1316 Jul 05 j 04:03 0ಂತಾ $0^{\circ}\Omega$ -1321 Nov 03 j 19:48 0°M -1316 Aug 05 j 03:55 -1321 Nov 20 j 20:08 17°M22'48 0.98206 AU -1316 Sep 04 j 14:43 min Earth dist 0° m -1321 Dec 03 j 04:44 0°×7 -1316 Oct 04 j 12:37 0∘Ω 0°る -1320 Jan 01 j 16:41 -1316 Nov 03 j 01:07 0°M -1320 Jan 31 j 13:34 0°≈ min. Earth dist. -1316 Nov 20 j 04:19 17°MJ30'10 0.98205 AU -1320 Mar 01 j 23:08 0°**)**€ -1316 Dec 02 j 10:00 0°×7 $0^{\circ}\Upsilon$ -1320 Apr 01 j 21:52 0°정 -1316 Dec 31 j 21:54 0°8 -1315 Jan 30 j 18:43 0°≈ -1320 May 03 j 06:36 16°**8**12'13 1.01788 AU 0°\ max. Earth dist. -1320 May 20 j 07:14 -1315 Mar 02 j 04:14 $\Pi^{\circ}0$ $0^{\circ}\Upsilon$ -1320 Jun 03 j 19:16 -1315 Apr 02 j 02:56 0° 8 -1320 Jul 05 j 04:36 0ಂತಾ -1315 May 03 j 11:43 -1320 Aug 05 j 04:23 0 \circ Ω max. Earth dist. -1315 May 19 j 13:20 15°**8**17'30 1.01797 AU -1320 Sep 04 j 15:10 0° m -1315 Jun 04 j 00:30 $0^{\circ}\Pi$ -1320 Oct 04 j 13:05 0∘**⊽** -1315 Jul 05 j 09:58 0 \circ \odot -1320 Nov 03 j 01:37 0°M -1315 Aug 05 j 09:51 0 \circ Ω min. Earth dist. -1320 Nov 18 j 03:58 15°M25'04 0.98203 AU -1315 Sep 04 j 20:38 0° m 0°×7 -1315 Oct 04 j 18:30 0∘**ত** -1320 Dec 02 j 10:30

0°M

-1315 Nov 03 j 06:57

0°₹

-1320 Dec 31 j 22:23

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 10

```
Attention, astronomical year style is used: The year -1315 in astronomical counting style is the year 1316 BCE in historical counting style.
                     -1315 Nov 19 j 05:24
                                             16°M16'38 0.98197 AU
                                                                                                  -1310 Sep 05 j 01:44
                                                                                                                            0° m
min. Earth dist.
                     -1315 Dec 02 j 15:47
                                                                                                  -1310 Oct 04 j 23:39
                                              0°×7
                                                                                                                            0∘Ω
                     -1314 Jan 01 j 03:38
                                              0°る
                                                                                                  -1310 Nov 03 j 12:11
                                                                                                                            oom.
                     -1314 Jan 31 j 00:26
                                              0°≈≈
                                                                                                  -1310 Nov 20 j 10:44
                                                                                                                           17°M18'15 0.98204 AU
                                                                             min. Earth dist.
                                              0°)€
                     -1314 Mar 02 j 09:57
                                                                                                  -1310 Dec 02 j 21:05
                                                                                                                           0°∡
                                              0^{\circ}\Upsilon
                     -1314 Apr 02 j 08:42
                                                                                                  -1309 Jan 01 j 09:00
                                                                                                                            0°궁
                     -1314 May 03 j 17:31
                                              0^{\circ}8
                                                                                                  -1309 Jan 31 j 05:48
                                                                                                                            0°≈
max. Earth dist.
                     -1314 May 22 j 06:52
                                             17°839'07 1.01799 AU
                                                                                                  -1309 Mar 02 j 15:16
                                                                                                                            0°∀
                                                                                                                            0^{\circ}\Upsilon
                     -1314 Jun 04 j 06:18
                                              0^{\circ}\Pi
                                                                                                  -1309 Apr 02 j 13:55
                     -1314 Jul 05 j 15:47
                                              0ಂತಾ
                                                                                                  -1309 May 03 j 22:38
                                                                                                                           0°B
                     -1314 Aug 05 j 15:40
                                              0°\Omega
                                                                             max. Earth dist.
                                                                                                  -1309 May 21 j 19:38
                                                                                                                           17°800'32 1.01791 AU
                     -1314 Sep 05 j 02:29
                                              0° M
                                                                                                  -1309 Jun 04 j 11:20
                                                                                                                            \Pi°0
                                                                                                  -1309 Jul 05 j 20:44
                     -1314 Oct 05 j 00:23
                                              0∘⊽
                                                                                                                            0ಂತಾ
                     -1314 Nov 03 j 12:51
                                              0°M
                                                                                                  -1309 Aug 05 j 20:37
                                                                                                                            0^{\circ}\Omega
min. Earth dist.
                     -1314 Nov 18 j 15:06
                                             15°M24'50 0.98202 AU
                                                                                                  -1309 Sep 05 j 07:27
                                                                                                                            0° m
                     -1314 Dec 02 j 21:41
                                              0°⊀
                                                                                                  -1309 Oct 05 j 05:25
                                                                                                                            0∘⊽
                     -1313 Jan 01 j 09:31
                                              0°ರ
                                                                                                  -1309 Nov 03 j 17:58
                                                                                                                            0^{\circ}M
                     -1313 Jan 31 j 06:18
                                              0°≈
                                                                             min. Earth dist.
                                                                                                  -1309 Nov 18 j 17:35
                                                                                                                           15°Mപ18'00 0.98206 AU
                     -1313 Mar 02 j 15:49
                                              0°)€
                                                                                                  -1309 Dec 03 j 02:53
                                                                                                                            0°∡7
                     -1313 Apr 02 j 14:34
                                              0^{\circ}\Upsilon
                                                                                                  -1308 Jan 01 j 14:46
                                                                                                                            0°정
                     -1313 May 03 j 23:22
                                              0°8
                                                                                                  -1308 Jan 31 j 11:32
                                                                                                                            0°≈
max. Earth dist.
                     -1313 May 20 j 18:24
                                             15°858'46 1.01799 AU
                                                                                                  -1308 Mar 01 j 20:58
                                                                                                                            0°∀
                     -1313 Jun 04 j 12:08
                                              0^{\circ}\Pi
                                                                                                  -1308 Apr 01 i 19:35
                                                                                                                            0^{\circ}\Upsilon
                     -1313 Jul 05 i 21:35
                                              0ಂತಾ
                                                                                                  -1308 May 03 j 04:16
                                                                                                                            0°8
                     -1313 Aug 05 j 21:27
                                              0^{\circ}\Omega
                                                                             max. Earth dist.
                                                                                                  -1308 May 21 j 04:10
                                                                                                                           17°807'18 1.01795 AU
                     -1313 Sep 05 j 08:17
                                                                                                  -1308 Jun 03 j 16:59
                                              0^{\circ} mb
                                                                                                                            \Pi°0
                     -1313 Oct 05 j 06:15
                                                                                                  -1308 Jul 05 j 02:26
                                              0∘ഹ
                                                                                                                            0ംഉ
                                                                                                  -1308 Aug 05 j 02:20
                     -1313 Nov 03 j 18:47
                                              o°m.
                                                                                                                            0^{\circ}\Omega
                                                                                                  -1308 Sep 04 j 13:15
                                                                                                                            0° My
min Earth dist
                     -1313 Nov 21 j 03:39
                                             17°M44'38 0.98203 AU
                     -1313 Dec 03 j 03:41
                                                                                                  -1308 Oct 04 j 11:16
                                              0°×7
                                                                                                                            0∘ಹ
                     -1312 Jan 01 j 15:32
                                              0°ರ
                                                                                                  -1308 Nov 02 j 23:52
                                                                                                                            0°M
                                                                             min. Earth dist.
                     -1312 Jan 31 j 12:18
                                              0°≈
                                                                                                  -1308 Nov 20 j 04:58
                                                                                                                           17°M34'57 0.98208 AU
                                              0°)€
                     -1312 Mar 01 j 21:45
                                                                                                  -1308 Dec 02 j 08:47
                                                                                                                           0°∡
                     -1312 Apr 01 j 20:26
                                              0^{\circ}\Upsilon
                                                                                                  -1308 Dec 31 j 20:38
                                                                                                                            0°ಕ
                     -1312 May 03 j 05:11
                                              0°8
                                                                                                  -1307 Jan 30 j 17:22
                                                                                                                            0°≈
max. Earth dist.
                     -1312 May 19 j 21:39
                                             15°852'46 1.01793 AU
                                                                                                  -1307 Mar 02 j 02:48
                                                                                                                            0°₩
                     -1312 Jun 03 j 17:55
                                              \Pi^{\circ}0
                                                                                                  -1307 Apr 02 j 01:26
                                                                                                                            0^{\circ}\Upsilon
                     -1312 Jul 05 j 03:21
                                              0ಂತಾ
                                                                                                  -1307 May 03 j 10:09
                                                                                                                            0°8
                     -1312 Aug 05 j 03:12
                                              0^{\circ}\Omega
                                                                             max. Earth dist.
                                                                                                  -1307 May 19 j 12:47
                                                                                                                           15°819'58 1.01794 AU
                     -1312 Sep 04 j 14:02
                                              0° M
                                                                                                  -1307 Jun 03 j 22:53
                                                                                                                            \Pi^{\circ}0
                     -1312 Oct 04 j 12:01
                                              0∘⊽
                                                                                                  -1307 Jul 05 j 08:19
                                                                                                                            0ಂತಾ
                     -1312 Nov 03 j 00:34
                                                                                                  -1307 Aug 05 j 08:12
                                              0°M
                                                                                                                            0°\Omega
                     -1312 Nov 18 j 13:12
                                             15°M.51'19 0.98202 AU
                                                                                                  -1307 Sep 04 j 19:03
min. Earth dist.
                                                                                                                            0° M
                     -1312 Dec 02 j 09:28
                                                                                                  -1307 Oct 04 j 17:02
                                              0°×7
                                              0°₹
                     -1312 Dec 31 j 21:17
                                                                                                  -1307 Nov 03 j 05:35
                     -1311 Jan 30 j 18:00
                                              0°≈
                                                                             min. Earth dist.
                                                                                                  -1307 Nov 19 i 16:02
                                                                                                                           16°M47'13 0.98202 AU
                     -1311 Mar 02 j 03:24
                                              0°)€
                                                                                                  -1307 Dec 02 j 14:29
                                                                                                                            0°×7
                     -1311 Apr 02 j 02:02
                                              0^{\circ}\Upsilon
                                                                                                  -1306 Jan 01 i 02:20
                                                                                                                            0°궁
                     -1311 May 03 j 10:47
                                              0°8
                                                                                                  -1306 Jan 30 i 23:05
                                                                                                                            0°≈
                     -1311 May 22 j 00:21
                                             17°839'35 1.01800 AU
                                                                                                  -1306 Mar 02 j 08:31
                                                                                                                            0°₩
max Earth dist
                     -1311 Jun 03 j 23:35
                                              0^{\circ}\Pi
                                                                                                  -1306 Apr 02 j 07:11
                                                                                                                            0^{\circ}\Upsilon
                     -1311 Jul 05 j 09:06
                                              0ಂತಾ
                                                                                                  -1306 May 03 j 15:56
                                                                                                                            0°X
                                                                                                                           17°839'37 1.01795 AU
                     -1311 Aug 05 j 09:02
                                              0^{\circ}\Omega
                                                                             max Earth dist
                                                                                                  -1306 May 22 j 05:28
                     -1311 Sep 04 j 19:54
                                              0^{\circ} mb
                                                                                                  -1306 Jun 04 j 04:41
                                                                                                                            \Pi^{\circ}0
                     -1311 Oct 04 j 17:52
                                              0∘ଫ
                                                                                                  -1306 Jul 05 j 14:07
                                                                                                                            0ಂತಾ
                     -1311 Nov 03 j 06:25
                                              0°M
                                                                                                  -1306 Aug 05 j 14:00
                                                                                                                            0°\Omega
min. Earth dist.
                     -1311 Nov 19 j 10:29
                                             16°M30'51 0.98208 AU
                                                                                                  -1306 Sep 05 j 00:49
                                                                                                                            0°Щ
                                                                                                  -1306 Oct 04 j 22:46
                     -1311 Dec 02 j 15:19
                                              0° ₹
                                                                                                                            0∘ଫ
                                              0°궁
                     -1310 Jan 01 j 03:10
                                                                                                  -1306 Nov 03 j 11:19
                                                                                                                            0°M
                                                                                                                           15°ML20'01 0.98207 AU
                     -1310 Jan 30 j 23:55
                                              0°≈
                                                                             min. Earth dist.
                                                                                                  -1306 Nov 18 j 11:45
                                              0°)€
                     -1310 Mar 02 j 09:20
                                                                                                  -1306 Dec 02 j 20:14
                                                                                                                            0° ×7
                                              0^{\circ}\Upsilon
                     -1310 Apr 02 j 08:00
                                                                                                  -1305 Jan 01 j 08:06
                                                                                                                            0°궁
                     -1310 May 03 j 16:45
                                              0°8
                                                                                                  -1305 Jan 31 j 04:52
                                                                                                                            0°≈
max. Earth dist.
                     -1310 May 20 j 00:07
                                             15°831'08 1.01798 AU
                                                                                                  -1305 Mar 02 j 14:19
                                                                                                                            0°)€
                     -1310 Jun 04 j 05:32
                                              0^{\circ}II
                                                                                                  -1305 Apr 02 j 12:58
                                                                                                                            0°\Upsilon
                     -1310 Jul 05 j 15:00
                                              0ಂತಾ
                                                                                                                            0°8
                                                                                                  -1305 May 03 j 21:43
                                              0^{\circ}\Omega
                                                                             max. Earth dist.
                                                                                                                           16°823'19 1.01797 AU
                     -1310 Aug 05 j 14:54
                                                                                                  -1305 May 21 j 03:05
```

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 11 Attention, astronomical year style is used: The year -1305 in astronomical counting style is the year 1306 BCE in historical counting style. -1305 Jun 04 i 10:27 $0^{\circ}\Pi$ -1300 Apr 01 j 17:51 $0^{\circ}\Upsilon$ -1305 Jul 05 j 19:54 0ಂತಾ -1300 May 03 j 02:33 0°8 -1305 Aug 05 j 19:46 $0^{\circ}\Omega$ 17°**8**32'16 1.01798 AU -1300 May 21 j 12:59 max. Earth dist. -1305 Sep 05 j 06:37 0° M -1300 Jun 03 j 15:19 Π °0 -1305 Oct 05 j 04:34 0ಂತಾ 0∘**⊽** -1300 Jul 05 j 00:50 -1305 Nov 03 j 17:09 0° M -1300 Aug 05 j 00:49 0° Ω 17°ML46'29 0.98208 AU min. Earth dist. -1305 Nov 21 j 02:45 -1300 Sep 04 j 11:47 0° m -1305 Dec 03 j 02:05 0°**∡** -1300 Oct 04 j 09:52 0∘**⊽** -1304 Jan 01 j 13:59 ਾਤ -1300 Nov 02 j 22:30 0°M -1304 Jan 31 j 10:46 0°≈ min. Earth dist. -1300 Nov 19 j 23:12 17°M23'35 0.98209 AU -1304 Mar 01 j 20:12 0°**)**€ -1300 Dec 02 j 07:25 0°**∡**7 $0^{\circ}\Upsilon$ -1304 Apr 01 j 18:50 -1300 Dec 31 j 19:15 0°ರ -1304 May 03 j 03:32 0° 8 -1299 Jan 30 j 15:54 0°**≈** max. Earth dist. -1304 May 19 j 14:06 15°**8**38'51 1.01792 AU -1299 Mar 02 j 01:14 0°**)**€ -1304 Jun 03 j 16:15 $0^{\circ}\Pi$ -1299 Apr 01 j 23:47 $0^{\circ}\Upsilon$ -1304 Jul 05 j 01:42 0ಂತಾ -1299 May 03 j 08:29 0°8 -1304 Aug 05 j 01:35 $0^{\circ}\Omega$ max. Earth dist. -1299 May 19 j 18:34 15°**8**37'40 1.01797 AU -1304 Sep 04 j 12:26 0° M -1299 Jun 03 j 21:15 Π °0 -1304 Oct 04 j 10:24 0∘**⊽** -1299 Jul 05 j 06:48 0ಂತಾ -1304 Nov 02 j 22:57 0°M -1299 Aug 05 j 06:47 $0^{\circ}\Omega$ min. Earth dist. -1304 Nov 18 j 17:48 16°M07'18 0.98201 AU -1299 Sep 04 j 17:42 0° m -1304 Dec 02 i 07:49 0°**∡**¹ -1299 Oct 04 i 15:43 0∘**⊽** -1304 Dec 31 i 19:39 0°₹ -1299 Nov 03 i 04:19 $0^{\circ}M$ -1303 Jan 30 j 16:23 0°≈ min. Earth dist. -1299 Nov 20 i 00:06 17°M11'09 0.98202 AU -1303 Mar 02 j 01:47 0°**)**€ -1299 Dec 02 j 13:13 0°×7 -1303 Apr 02 j 00:25 $0^{\circ}\Upsilon$ -1298 Jan 01 j 01:04 0°궁 -1303 May 03 j 09:08 0°8 -1298 Jan 30 j 21:46 0°≈≈ -1303 May 22 j 04:36 -1298 Mar 02 j 07:07 max. Earth dist. 17°**8**53'40 1.01798 AU 0° H -1303 Jun 03 j 21:55 $0^{\circ}\Pi$ -1298 Apr 02 j 05:41 $0^{\circ}\Upsilon$ -1303 Jul 05 j 07:27 -1298 May 03 j 14:22 0°9 0°8 -1298 May 22 j 06:33 -1303 Aug 05 j 07:25 0° Ω max. Earth dist. 17°**8**46'00 1.01794 AU 0°M) -1303 Sep 04 j 18:19 -1298 Jun 04 j 03:07 $0^{\circ}\Pi$ -1303 Oct 04 j 16:18 0∘ଫ -1298 Jul 05 j 12:38 0ಂಪ -1298 Aug 05 j 12:37 -1303 Nov 03 j 04:49 0°M 0 \circ Ω min. Earth dist. -1303 Nov 18 j 23:00 16°M05'34 0.98204 AU -1298 Sep 04 j 23:33 0° m -1303 Dec 02 j 13:40 0°**∡** -1298 Oct 04 j 21:34 0∘ଫ 0°ಕ -1302 Jan 01 j 01:28 -1298 Nov 03 j 10:08 0°M -1302 Jan 30 j 22:11 0°**≈** min. Earth dist. -1298 Nov 18 j 12:13 15°M24'17 0.98205 AU -1302 Mar 02 j 07:37 0°**)**€ -1298 Dec 02 j 19:02 0°**⊼** -1302 Apr 02 j 06:17 $0^{\circ}\Upsilon$ -1297 Jan 01 j 06:53 0°ರ -1302 May 03 j 15:03 0° 8 -1297 Jan 31 j 03:37 0°≈ -1302 May 20 j 05:37 15°848'10 1.01800 AU -1297 Mar 02 j 13:00 max. Earth dist. -1302 Jun 04 j 03:50 -1297 Apr 02 j 11:34 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1302 Jul 05 j 13:21 -1297 May 03 j 20:14 0ಂತಾ 0°8 -1297 May 21 j 14:18 -1302 Aug 05 j 13:18 0° Ω max. Earth dist. 16°**8**53'30 1.01795 AU -1302 Sep 05 i 00:11 0° m -1297 Jun 04 i 08:56 $0^{\circ}II$ -1302 Oct 04 j 22:10 0∘**⊽** -1297 Jul 05 i 18:25 0ಂತಾ -1302 Nov 03 j 10:42 0°M -1297 Aug 05 i 18:24 $0^{\circ}\Omega$ min. Earth dist. -1302 Nov 20 j 18:33 17°ML42'05 0.98201 AU -1297 Sep 05 j 05:21 0° m -1302 Dec 02 j 19:34 0°**∡**¹ -1297 Oct 05 j 03:25 0∘Ω -1301 Jan 01 j 07:23 0°る -1297 Nov 03 j 16:02 o°m. 17°ML55'22 0.98208 AU -1301 Jan 31 j 04:07 -1297 Nov 21 j 05:08 0°≈≈ min. Earth dist. 0°**₩** -1301 Mar 02 j 13:33 -1297 Dec 03 j 00:58 0°×7 $0^{\circ}\Upsilon$ -1301 Apr 02 j 12:12 -1296 Jan 01 j 12:49 0°궁 -1301 May 03 j 20:56 0°8 -1296 Jan 31 j 09:33 0°≈ max. Earth dist. -1301 May 21 j 06:13 16°**8**32'40 1.01793 AU -1296 Mar 01 j 18:56 0°**∀** $0^{\circ}\Upsilon$ -1301 Jun 04 j 09:41 $0^{\circ}\Pi$ -1296 Apr 01 j 17:31 -1301 Jul 05 j 19:08 0ಂತಾ -1296 May 03 j 02:10 0°8 0° Ω -1301 Aug 05 j 19:03 max. Earth dist. -1296 May 19 j 11:02 15°**8**34'52 1.01790 AU -1301 Sep 05 j 05:58 0° m -1296 Jun 03 j 14:51 $0^{\circ}\Pi$ -1301 Oct 05 j 03:59 0∘**⊽** -1296 Jul 05 j 00:18 0 \circ \odot -1301 Nov 03 j 16:34 0°M -1296 Aug 05 j 00:14 0 \circ Ω min. Earth dist. -1301 Nov 19 j 00:52 15°M40'12 0.98203 AU -1296 Sep 04 j 11:12 0° m -1301 Dec 03 j 01:28 0°**∡** -1296 Oct 04 j 09:17 0∘**⊽** -1300 Jan 01 j 13:17 0°궁 -1296 Nov 02 j 21:55 0°M 0°≈ min. Earth dist. -1296 Nov 19 j 05:28 16°M39'44 0.98202 AU -1300 Jan 31 j 09:57

-1296 Dec 02 j 06:49

0°**)**€

-1300 Mar 01 j 19:17

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 12 Attention, astronomical year style is used: The year -1295 in astronomical counting style is the year 1296 BCE in historical counting style. -1296 Dec 31 j 18:37 0°ರ -1291 Nov 03 i 03:04 0°M -1295 Jan 30 j 15:16 -1291 Nov 20 j 07:52 0°≈≈ min. Earth dist. 17°M34'16 0.98200 AU -1295 Mar 02 j 00:36 0°**)**€ -1291 Dec 02 j 11:55 0°**∡**¹ $0^{\circ}\Upsilon$ -1295 Apr 01 j 23:10 -1291 Dec 31 j 23:42 0°궁 -1290 Jan 30 j 20:21 -1295 May 03 j 07:51 0°8 0°≈ max. Earth dist. -1295 May 22 j 06:35 18°**8**01'30 1.01795 AU -1290 Mar 02 j 05:41 0°**∀** $0^{\circ}\Upsilon$ -1295 Jun 03 j 20:35 $0^{\circ}\Pi$ -1290 Apr 02 j 04:15 -1295 Jul 05 j 06:05 0 \circ \odot -1290 May 03 j 12:56 0° 8 -1295 Aug 05 j 06:05 0 \circ Ω max. Earth dist. -1290 May 21 j 20:25 17°**8**25'23 1.01794 AU -1295 Sep 04 j 17:03 0° M -1290 Jun 04 j 01:41 Π °0 -1295 Oct 04 j 15:07 0∘**⊽** -1290 Jul 05 j 11:12 0ಂತಾ -1295 Nov 03 j 03:44 0° M -1290 Aug 05 j 11:13 0° Ω min. Earth dist. -1295 Nov 18 j 18:52 15°M57'39 0.98207 AU -1290 Sep 04 j 22:13 0° M -1295 Dec 02 j 12:38 0°**∡**¹ -1290 Oct 04 j 20:17 0∘**⊽** -1294 Jan 01 j 00:26 0°ರ -1290 Nov 03 j 08:52 0°M -1294 Jan 30 j 21:05 0°**≈** min. Earth dist. -1290 Nov 18 j 17:10 15°M40'12 0.98202 AU -1294 Mar 02 j 06:26 0°**)**€ -1290 Dec 02 j 17:44 0°×7 -1294 Apr 02 j 05:02 $0^{\circ}\Upsilon$ -1289 Jan 01 j 05:30 0°정 -1294 May 03 j 13:46 0°8 -1289 Jan 31 j 02:08 0°≈ max. Earth dist. -1294 May 20 j 13:35 16°**8**10'10 1.01799 AU -1289 Mar 02 j 11:27 0°**)**€ -1294 Jun 04 j 02:32 $0^{\circ}\Pi$ -1289 Apr 02 j 10:00 $0^{\circ}\Upsilon$ -1294 Jul 05 j 12:02 0ಂತಾ -1289 May 03 j 18:39 0°8 -1294 Aug 05 j 11:59 $0^{\circ}\Omega$ max. Earth dist. -1289 May 21 j 21:49 17°**8**15'03 1.01797 AU -1294 Sep 04 i 22:54 0° m -1289 Jun 04 i 07:23 $0^{\circ}\Pi$ -1294 Oct 04 j 20:56 0∘**⊽** -1289 Jul 05 j 16:54 0ಂತಾ -1294 Nov 03 j 09:32 0°M -1289 Aug 05 j 16:54 $0^{\circ}\Omega$ -1294 Nov 20 j 22:53 17°M 56'03 0.98206 AU -1289 Sep 05 j 03:55 min Earth dist 0° m -1294 Dec 02 j 18:28 -1289 Oct 05 j 02:03 0°×7 0∘Ω -1293 Jan 01 j 06:20 0°궁 -1289 Nov 03 j 14:43 0°M. -1293 Jan 31 j 03:02 -1289 Nov 21 j 05:33 min. Earth dist. 0°≈ 17°M59'43 0.98208 AU -1293 Mar 02 j 12:25 0°**)**€ -1289 Dec 02 j 23:39 0°**∡**¹ $0^{\circ}\Upsilon$ -1293 Apr 02 j 10:59 -1288 Jan 01 j 11:27 0°궁 -1293 May 03 j 19:41 0° 8 -1288 Jan 31 j 08:04 0°≈ -1293 May 20 j 20:33 0°**)**€ max. Earth dist. 16°**8**12'45 1.01792 AU -1288 Mar 01 j 17:20 -1293 Jun 04 j 08:25 $0^{\circ}\Pi$ -1288 Apr 01 j 15:51 $0^{\circ}\Upsilon$ -1293 Jul 05 j 17:53 0ಂತಾ -1288 May 03 j 00:29 0° 8 -1293 Aug 05 j 17:48 0 $^{\circ}\Omega$ max. Earth dist. -1288 May 19 j 12:01 15°**8**41'09 1.01794 AU -1293 Sep 05 j 04:43 0° M -1288 Jun 03 j 13:12 $\Pi^{\circ}0$ -1293 Oct 05 j 02:44 0∘**⊽** -1288 Jul 04 j 22:43 0ಂತಾ -1293 Nov 03 j 15:21 0° M -1288 Aug 04 j 22:43 $0^{\circ}\Omega$ min. Earth dist. -1293 Nov 19 j 04:55 15°M53'40 0.98205 AU -1288 Sep 04 j 09:44 -1293 Dec 03 j 00:17 -1288 Oct 04 j 07:52 0° **₹** -1292 Jan 01 j 12:08 0°₹ -1288 Nov 02 j 20:32 -1292 Jan 31 j 08:48 -1288 Nov 19 j 14:26 17°ML06'14 0.98203 AU 0°≈ min. Earth dist. 0°**)**€ -1292 Mar 01 j 18:06 -1288 Dec 02 j 05:27 0°×7 $0^{\circ}\Upsilon$ -1292 Apr 01 i 16:37 -1288 Dec 31 i 17:14 0°궁 -1292 May 03 j 01:15 0°8 -1287 Jan 30 i 13:49 0°≈ max. Earth dist. -1292 May 21 j 21:12 17°**8**54'53 1.01796 AU -1287 Mar 01 i 23:02 0°**∀** -1292 Jun 03 j 13:59 Π °0 -1287 Apr 01 j 21:29 $0^{\circ}\Upsilon$ -1292 Jul 04 j 23:32 0ಂತಾ -1287 May 03 j 06:07 0°8 $0^{\circ}\Omega$ -1287 May 22 j 10:10 18°**8**14'10 1.01796 AU -1292 Aug 04 j 23:33 max Earth dist -1287 Jun 03 j 18:52 -1292 Sep 04 j 10:32 0° mb 0°Π -1292 Oct 04 j 08:36 -1287 Jul 05 j 04:26 0∘ଫ 0ംഉ -1292 Nov 02 j 21:13 0°M -1287 Aug 05 j 04:30 0° Ω min. Earth dist. -1292 Nov 19 j 09:36 16°M52'04 0.98208 AU -1287 Sep 04 j 15:32 0°Щ 0° **₹** -1287 Oct 04 j 13:38 0∘ಹ -1292 Dec 02 j 06:07 0°궁 -1292 Dec 31 j 17:56 -1287 Nov 03 j 02:16 0°M 15°M47'50 0.98207 AU -1291 Jan 30 j 14:36 0°≈ min. Earth dist. -1287 Nov 18 j 13:35 0°**)**€ -1291 Mar 01 j 23:55 -1287 Dec 02 j 11:11 0° ×7 $0^{\circ}\Upsilon$ 0°ರ -1291 Apr 01 j 22:27 -1287 Dec 31 j 22:59 -1291 May 03 j 07:07 0°8 -1286 Jan 30 j 19:36 0°≈ max. Earth dist. -1291 May 19 j 22:58 15°**8**51'20 1.01797 AU -1286 Mar 02 j 04:52 0°**)**€ -1291 Jun 03 j 19:53 $0^{\circ}II$ -1286 Apr 02 j 03:21 $0^{\circ}\Upsilon$ -1291 Jul 05 j 05:26 0 \circ \odot -1286 May 03 j 12:00 0°8 -1291 Aug 05 j 05:28 0° Ω max. Earth dist. -1286 May 21 j 01:26 16°**8**42'30 1.01798 AU 0° m $\Pi^{\circ}0$ -1291 Sep 04 j 16:27 -1286 Jun 04 j 00:45

0ಂತಾ

-1286 Jul 05 j 10:19

0∘**⊽**

-1291 Oct 04 j 14:30

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 13 Attention, astronomical year style is used: The year -1286 in astronomical counting style is the year 1287 BCE in historical counting style. -1286 Aug 05 j 10:21 $0^{\circ}\Omega$ max. Earth dist. -1281 May 22 j 06:45 17°**8**40'00 1.01796 AU -1286 Sep 04 j 21:22 0°m -1281 Jun 04 j 05:49 Π °0 -1286 Oct 04 j 19:27 0∘**⊽** -1281 Jul 05 j 15:21 0ംഉ $0^{\circ}\Omega$ -1286 Nov 03 j 08:05 $0^{\circ}M$ -1281 Aug 05 j 15:24 -1281 Sep 05 j 02:26 min. Earth dist. -1286 Nov 21 j 00:57 18°ML05'04 0.98207 AU 0° m -1286 Dec 02 j 17:00 0°**∡**¹ -1281 Oct 05 j 00:34 0∘ಹ -1285 Jan 01 j 04:50 0°ಕ -1281 Nov 03 j 13:14 0°M -1285 Jan 31 j 01:30 0°≈ min. Earth dist. -1281 Nov 20 j 18:29 17°MJ35'11 0.98210 AU -1285 Mar 02 j 10:50 0°**∀** -1281 Dec 02 j 22:11 0°⊀ $0^{\circ}\Upsilon$ -1285 Apr 02 j 09:20 -1280 Jan 01 j 09:59 0°ರ -1285 May 03 j 17:57 0°8 -1280 Jan 31 j 06:37 0°≈ max. Earth dist. -1285 May 20 j 14:46 16°**8**03'15 1.01790 AU -1280 Mar 01 j 15:52 0°**)**€ $0^{\circ}\Upsilon$ -1285 Jun 04 j 06:39 $0^{\circ}\Pi$ -1280 Apr 01 j 14:20 -1285 Jul 05 j 16:08 0ಂತಾ -1280 May 02 j 22:57 0°8 -1285 Aug 05 j 16:08 $0^{\circ}\Omega$ max. Earth dist. -1280 May 19 j 15:43 15°**8**53'36 1.01795 AU -1285 Sep 05 j 03:09 0° m -1280 Jun 03 j 11:41 $\Pi^{\circ}0$ -1285 Oct 05 j 01:16 0∘**⊽** -1280 Jul 04 j 21:15 0ಂತಾ -1285 Nov 03 j 13:55 0°M -1280 Aug 04 j 21:19 0° Ω min. Earth dist. -1285 Nov 19 j 14:32 16°M21'54 0.98204 AU -1280 Sep 04 j 08:23 0° m -1285 Dec 02 j 22:51 0°×7 -1280 Oct 04 j 06:31 0°Ω -1284 Jan 01 j 10:39 0°る -1280 Nov 02 j 19:09 $0^{\circ}M$ -1284 Jan 31 i 07:16 0°≈ min. Earth dist. -1280 Nov 19 j 20:21 17°M24'58 0.98200 AU -1284 Mar 01 i 16:31 0°**)**€ -1280 Dec 02 i 04:02 0°×7 -1284 Apr 01 i 14:59 0° -1280 Dec 31 i 15:46 0°궁 -1284 May 02 j 23:34 0°8 -1279 Jan 30 j 12:21 0°≈ -1284 May 22 j 02:21 18°**8**11'14 1.01793 AU -1279 Mar 01 j 21:34 0°**₩** max. Earth dist. -1284 Jun 03 j 12:15 -1279 Apr 01 j 20:01 $0^{\circ}\Upsilon$ 0°π -1284 Jul 04 j 21:46 -1279 May 03 j 04:39 000 0°8 -1284 Aug 04 j 21:50 $0^{\circ}\Omega$ max. Earth dist. -1279 May 22 j 07:37 18°**8**11'40 1.01796 AU -1284 Sep 04 j 08:54 -1279 Jun 03 j 17:24 0° M $0^{\circ}\Pi$ -1284 Oct 04 j 07:05 0∘**⊽** -1279 Jul 05 j 03:01 0ಂತಾ $0^{\circ}M$ -1284 Nov 02 j 19:46 -1279 Aug 05 j 03:09 0° Ω -1284 Nov 19 j 04:02 16°M41'25 0.98209 AU -1279 Sep 04 j 14:15 min. Earth dist. 0° m -1284 Dec 02 j 04:42 -1279 Oct 04 j 12:24 0°**∡** 0∘ଫ 0°ಕ -1279 Nov 03 j 01:01 -1284 Dec 31 j 16:28 0°M -1283 Jan 30 j 13:04 0°≈ min. Earth dist. -1279 Nov 18 j 14:02 15°M52'11 0.98202 AU 0°**)**€ -1283 Mar 01 j 22:19 -1279 Dec 02 j 09:53 0°**⊼** -1283 Apr 01 j 20:48 $0^{\circ}\Upsilon$ -1279 Dec 31 j 21:36 0°ರ -1283 May 03 j 05:27 0° 8 -1278 Jan 30 j 18:09 0°≈ max. Earth dist. -1283 May 20 j 04:11 16°**8**07'42 1.01797 AU -1278 Mar 02 j 03:23 0°**)**€ -1283 Jun 03 j 18:11 Π $^{\circ}0$ -1278 Apr 02 j 01:52 $0^{\circ}\Upsilon$ -1283 Jul 05 j 03:45 0ಂತಾ -1278 May 03 j 10:32 0°8 -1283 Aug 05 j 03:48 $0^{\circ}\Omega$ max. Earth dist. -1278 May 21 j 09:26 17°804'56 1.01800 AU -1278 Jun 03 j 23:18 -1283 Sep 04 j 14:50 0° M $0^{\circ}\Pi$ -1283 Oct 04 j 12:57 -1278 Jul 05 j 08:54 0∘**⊽** -1283 Nov 03 j 01:36 0°M -1278 Aug 05 i 09:01 $0^{\circ}\Omega$ min. Earth dist. -1283 Nov 20 j 16:22 17°ML59'41 0.98203 AU -1278 Sep 04 i 20:07 0° m -1283 Dec 02 j 10:31 0°**∡**¹ -1278 Oct 04 i 18:17 0∘**⊽** -1283 Dec 31 j 22:17 0°정 -1278 Nov 03 i 06:56 0°M 18°ML18'51 0.98204 AU -1282 Jan 30 j 18:53 -1278 Nov 21 j 05:13 0°≈≈ min. Earth dist. -1282 Mar 02 j 04:10 0°**₩** -1278 Dec 02 j 15:49 0°×7 $0^{\circ}\Upsilon$ 0°궁 -1282 Apr 02 j 02:40 -1277 Jan 01 j 03:34 -1282 May 03 j 11:20 0°8 -1277 Jan 31 j 00:08 0°≈≈ max. Earth dist. -1282 May 21 j 07:42 16°**8**59'03 1.01793 AU -1277 Mar 02 j 09:22 0°) -1282 Jun 04 j 00:05 $\Pi^{\circ}0$ -1277 Apr 02 j 07:51 0° -1282 Jul 05 j 09:37 0°9 -1277 May 03 j 16:29 0°8 0° Ω max. Earth dist. 15°**8**54'48 1.01794 AU -1282 Aug 05 j 09:38 -1277 May 20 j 09:45 -1282 Sep 04 j 20:38 0° M -1277 Jun 04 j 05:13 $0^{\circ}\Pi$ 0ಂತಾ -1282 Oct 04 j 18:44 0∘**⊽** -1277 Jul 05 j 14:46 -1282 Nov 03 j 07:23 0°M -1277 Aug 05 j 14:51 0 $^{\circ}$ Ω min. Earth dist. -1282 Nov 18 j 20:08 15°M51'33 0.98204 AU -1277 Sep 05 j 01:56 0° m -1282 Dec 02 j 16:18 0°**∡**¹ -1277 Oct 05 j 00:08 0∘**⊽** -1281 Jan 01 j 04:06 0°궁 -1277 Nov 03 j 12:51 0°M -1281 Jan 31 j 00:43 0°≈ min. Earth dist. -1277 Nov 20 j 02:20 16°M54'50 0.98203 AU -1281 Mar 02 j 09:59 0°**)** -1277 Dec 02 j 21:47 0°**∡**7 -1281 Apr 02 j 08:27 $0^{\circ}\Upsilon$ -1276 Jan 01 j 09:32 0°る

-1276 Jan 31 j 06:03

0°**≈**

 0° 8

-1281 May 03 j 17:05

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 14 Attention, astronomical year style is used: The year -1276 in astronomical counting style is the year 1277 BCE in historical counting style. -1276 Mar 01 j 15:10 0°**∀** -1272 Dec 02 j 02:53 0°×7 -1276 Apr 01 j 13:32 -1272 Dec 31 j 14:38 $0^{\circ}\Upsilon$ 0°궁 9° -1271 Jan 30 j 11:09 -1276 May 02 j 22:06 0°≈≈ -1276 May 22 j 07:29 18°**8**26'51 1.01794 AU -1271 Mar 01 j 20:19 0°**)**€ max. Earth dist. $0^{\circ}\Upsilon$ -1276 Jun 03 j 10:49 $0^{\circ}\Pi$ -1271 Apr 01 j 18:43 -1276 Jul 04 j 20:25 0°9 -1271 May 03 j 03:17 0° 8 -1276 Aug 04 j 20:33 0° Ω max. Earth dist. -1271 May 21 j 21:42 17°**8**51'25 1.01792 AU -1276 Sep 04 j 07:42 0° m -1271 Jun 03 j 16:00 Π °0 -1276 Oct 04 j 05:56 0。Շ -1271 Jul 05 j 01:34 0ಂಪ -1276 Nov 02 j 18:41 0°M -1271 Aug 05 j 01:40 0° Ω min. Earth dist. -1276 Nov 18 j 22:37 16°M30'13 0.98210 AU -1271 Sep 04 j 12:47 0° M -1276 Dec 02 j 03:39 0°**∡**¹ -1271 Oct 04 j 11:00 0∘**⊽** -1276 Dec 31 j 15:24 0°궁 -1271 Nov 02 j 23:42 0°M -1275 Jan 30 j 11:55 0°**≈** min. Earth dist. -1271 Nov 18 j 16:47 16°ML02'32 0.98205 AU -1275 Mar 01 j 21:03 0°**)**€ -1271 Dec 02 j 08:37 0°×7 -1275 Apr 01 j 19:25 $0^{\circ}\Upsilon$ -1271 Dec 31 j 20:22 0°정 -1275 May 03 j 03:59 0° 8 -1270 Jan 30 j 16:53 0°≈ max. Earth dist. -1275 May 20 j 15:48 16°**8**38'46 1.01798 AU -1270 Mar 02 j 02:03 0°**)**€ -1275 Jun 03 j 16:44 Π °0 -1270 Apr 02 j 00:28 $0^{\circ}\Upsilon$ -1275 Jul 05 j 02:22 0ಂತಾ -1270 May 03 j 09:05 0°8 -1275 Aug 05 j 02:31 $0^{\circ}\Omega$ max. Earth dist. -1270 May 21 j 16:43 17°**8**25'41 1.01798 AU -1275 Sep 04 i 13:38 0° m -1270 Jun 03 j 21:50 $\Pi^{\circ}0$ -1275 Oct 04 i 11:49 0∘**⊽** -1270 Jul 05 i 07:24 0ಂತಾ -1275 Nov 03 i 00:31 0°M -1270 Aug 05 j 07:30 $0^{\circ}\Omega$ min. Earth dist. -1275 Nov 20 j 21:46 18°M16'13 0.98206 AU -1270 Sep 04 j 18:35 0° m -1275 Dec 02 j 09:27 -1270 Oct 04 j 16:45 0°×7 0∘Ω 0°る -1275 Dec 31 j 21:13 -1270 Nov 03 j 05:27 oom. -1274 Jan 30 j 17:47 0°≈≈ min. Earth dist. -1270 Nov 20 j 23:52 18°ML08'52 0.98209 AU 0°**)**€ -1274 Mar 02 j 02:59 -1270 Dec 02 j 14:23 0°**∡**¹ $0^{\circ}\Upsilon$ -1269 Jan 01 j 02:10 -1274 Apr 02 j 01:23 0°궁 -1274 May 03 j 09:57 0°8 -1269 Jan 30 j 22:45 0°≈ -1274 May 21 j 02:25 16°**8**49'55 1.01791 AU -1269 Mar 02 j 07:57 0°)(max. Earth dist. -1274 Jun 03 j 22:39 -1269 Apr 02 j 06:23 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1274 Jul 05 j 08:13 -1269 May 03 j 14:58 0ಂತಾ 0° 8 -1274 Aug 05 j 08:20 0 \circ Ω max. Earth dist. -1269 May 20 j 08:57 15°**8**56'29 1.01794 AU -1274 Sep 04 j 19:26 0° M -1269 Jun 04 j 03:42 $0^{\circ}\Pi$ -1274 Oct 04 j 17:37 0∘**⊽** -1269 Jul 05 j 13:16 0 \circ \odot -1274 Nov 03 j 06:18 0° M -1269 Aug 05 j 13:21 $0^{\circ}\Omega$ min. Earth dist. -1274 Nov 19 j 02:43 16°M11'06 0.98205 AU -1269 Sep 05 j 00:26 -1274 Dec 02 j 15:14 0°⊀ -1269 Oct 04 j 22:37 0∘**⊽** -1273 Jan 01 j 03:01 0°ರ -1269 Nov 03 j 11:18 $0^{\circ}M$ -1273 Jan 30 j 23:37 -1269 Nov 20 j 07:15 17°ML11'24 0.98204 AU 0°≈ min. Earth dist. -1273 Mar 02 j 08:49 0°**)**€ -1269 Dec 02 j 20:15 0°×7 -1273 Apr 02 j 07:12 $0^{\circ}\Upsilon$ -1268 Jan 01 j 08:00 -1268 Jan 31 j 04:32 -1273 May 03 j 15:43 0°8 max. Earth dist. -1273 May 22 j 16:16 18°**8**06'00 1.01791 AU -1268 Mar 01 j 13:40 0°**∀** -1273 Jun 04 i 04:22 $0^{\circ}II$ -1268 Apr 01 j 12:00 $0^{\circ}\Upsilon$ -1273 Jul 05 i 13:54 0ಂತಾ -1268 May 02 j 20:32 0°8 -1273 Aug 05 j 14:00 $0^{\circ}\Omega$ max. Earth dist. -1268 May 22 j 08:28 18°**8**33'02 1.01794 AU -1273 Sep 05 j 01:08 0° m -1268 Jun 03 j 09:14 0°Π -1273 Oct 04 j 23:22 0∘**⊽** -1268 Jul 04 j 18:51 0ಂತಾ -1273 Nov 03 j 12:06 o°m. -1268 Aug 04 j 19:02 $0^{\circ}\Omega$ 17°M19'30 0.98212 AU min. Earth dist. -1273 Nov 20 j 11:16 -1268 Sep 04 j 06:12 0° m -1268 Oct 04 j 04:25 -1273 Dec 02 j 21:04 0°×7 0∘ಹ -1272 Jan 01 j 08:51 0°궁 -1268 Nov 02 j 17:07 0° M -1272 Jan 31 j 05:26 0°≈ min. Earth dist. -1268 Nov 18 j 13:40 16° ጤ11'25 0.98206 AU 0°**)**€ 0°×7 -1272 Mar 01 j 14:38 -1268 Dec 02 j 02:01 $0^{\circ}\Upsilon$ 0°ರ -1272 Apr 01 j 13:02 -1268 Dec 31 j 13:44 -1272 May 02 j 21:35 0°8 -1267 Jan 30 j 10:14 0°≈ 0°**)**€ max. Earth dist. -1272 May 19 j 19:33 16°**8**06'02 1.01792 AU -1267 Mar 01 j 19:22 $0^{\circ}\Upsilon$ -1272 Jun 03 j 10:15 Π $^{\circ}0$ -1267 Apr 01 j 17:44 -1272 Jul 04 j 19:47 0 \circ \odot -1267 May 03 j 02:18 0°8 -1272 Aug 04 j 19:53 0° Ω max. Earth dist. -1267 May 20 j 23:44 17°**8**01'33 1.01799 AU -1272 Sep 04 j 07:01 0° m -1267 Jun 03 j 15:04 $0^{\circ}\Pi$ -1272 Oct 04 j 05:15 0∘**⊽** -1267 Jul 05 j 00:44 0 \circ \odot $0^{\circ}\Omega$ -1272 Nov 02 j 17:58 0°M -1267 Aug 05 j 00:56

min. Earth dist.

-1272 Nov 20 j 06:29

17°M53'51 0.98204 AU

-1267 Sep 04 j 12:07

0° M

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 15 Attention, astronomical year style is used: The year -1267 in astronomical counting style is the year 1268 BCE in historical counting style. -1267 Oct 04 j 10:20 0∘**⊽** -1262 Jul 05 j 05:42 0ಂತಾ -1267 Nov 02 j 23:00 o°m. -1262 Aug 05 j 05:55 $0^{\circ}\Omega$ -1267 Nov 21 j 00:41 18°M27'40 0.98202 AU -1262 Sep 04 j 17:08 0° m min Farth dist 0°×7 -1262 Oct 04 j 15:24 0∘Ω -1267 Dec 02 j 07:51 0° M -1267 Dec 31 j 19:32 0°궁 -1262 Nov 03 j 04:09 17°M59'48 0.98210 AU -1266 Jan 30 j 16:02 0°≈ min. Earth dist. -1262 Nov 20 j 19:03 -1266 Mar 02 j 01:12 0°**)** -1262 Dec 02 j 13:06 0°**∡** 0° -1266 Apr 01 j 23:36 -1261 Jan 01 j 00:51 0°궁 -1266 May 03 j 08:12 0° 8 -1261 Jan 30 j 21:23 0°≈ max. Earth dist. -1266 May 20 j 15:20 16°**8**27'42 1.01794 AU -1261 Mar 02 j 06:32 0°**)**€ $0^{\circ}\Upsilon$ -1266 Jun 03 j 20:57 $0^{\circ}\Pi$ -1261 Apr 02 j 04:53 -1266 Jul 05 j 06:34 0ംខ -1261 May 03 j 13:24 0°8 -1266 Aug 05 j 06:45 0° Ω max. Earth dist. -1261 May 20 j 13:24 16°**8**10'53 1.01792 AU -1266 Sep 04 j 17:56 0° m -1261 Jun 04 j 02:05 $0^{\circ}\Pi$ -1266 Oct 04 j 16:10 0∘**⊽** -1261 Jul 05 j 11:39 0ಂತಾ -1266 Nov 03 j 04:52 0° M -1261 Aug 05 j 11:50 $0^{\circ}\Omega$ min. Earth dist. -1266 Nov 19 j 12:49 16°ML40'42 0.98200 AU -1261 Sep 04 j 23:02 0° m -1266 Dec 02 j 13:45 0°×7 -1261 Oct 04 j 21:20 0∘**⊽** -1265 Jan 01 j 01:26 0°궁 -1261 Nov 03 j 10:07 0°M -1265 Jan 30 j 21:54 0°≈ min. Earth dist. -1261 Nov 20 j 18:17 17°M42'39 0.98205 AU -1265 Mar 02 j 07:01 0°**∀** -1261 Dec 02 j 19:05 0°**∡**7 -1265 Apr 02 i 05:21 $0^{\circ}\Upsilon$ -1260 Jan 01 i 06:48 0°궁 -1265 May 03 j 13:53 0°8 -1260 Jan 31 i 03:17 0°≈ max. Earth dist. -1265 May 22 j 21:40 18°**8**23'04 1.01794 AU -1260 Mar 01 j 12:21 0°**∀** -1265 Jun 04 j 02:35 $0^{\circ}\Pi$ -1260 Apr 01 j 10:37 $0^{\circ}\Upsilon$ -1265 Jul 05 j 12:11 0ಂತಾ -1260 May 02 j 19:06 0°X -1265 Aug 05 j 12:21 $0^{\circ}\Omega$ max Earth dist -1260 May 22 j 06:16 18°**8**31'19 1.01789 AU 0° My -1265 Sep 04 j 23:34 -1260 Jun 03 j 07:45 Π °0 -1265 Oct 04 j 21:52 0∘ഹ -1260 Jul 04 j 17:20 0ംഉ -1265 Nov 03 j 10:39 0°M -1260 Aug 04 j 17:32 0 \circ Ω -1265 Nov 20 j 05:24 17°ML08'08 0.98210 AU -1260 Sep 04 j 04:48 min. Earth dist. 0° m -1265 Dec 02 j 19:36 -1260 Oct 04 j 03:08 0°**∡** 0ಂ⊽ -1264 Jan 01 j 07:19 0°ಕ -1260 Nov 02 j 15:57 0°M -1264 Jan 31 j 03:47 0°≈ min. Earth dist. -1260 Nov 18 j 15:49 16°Mപ19'47 0.98208 AU 0°**∀** -1264 Mar 01 j 12:51 -1260 Dec 02 j 00:54 0°**⊼** $0^{\circ}\Upsilon$ -1264 Apr 01 j 11:10 -1260 Dec 31 j 12:37 0°궁 -1264 May 02 j 19:43 0° 8 -1259 Jan 30 j 09:04 0°≈ max. Earth dist. -1264 May 20 j 03:43 16°**8**29'46 1.01796 AU -1259 Mar 01 j 18:07 0°**)**€ -1264 Jun 03 j 08:26 $\Pi^{\circ}0$ -1259 Apr 01 j 16:26 $0^{\circ}\Upsilon$ -1264 Jul 04 j 18:04 0ಂತಾ -1259 May 03 j 00:57 0°8 -1264 Aug 04 j 18:15 $0^{\circ}\Omega$ max. Earth dist. -1259 May 21 j 07:37 17°**8**23'31 1.01797 AU -1264 Sep 04 j 05:29 -1259 Jun 03 j 13:40 0° M $0^{\circ}\Pi$ -1264 Oct 04 j 03:47 -1259 Jul 04 j 23:19 0∘**⊽** -1264 Nov 02 j 16:33 0°M -1259 Aug 04 j 23:31 0° Ω 18°ML19'56 0.98205 AU min. Earth dist. -1264 Nov 20 j 15:17 -1259 Sep 04 j 10:44 0° M -1264 Dec 02 i 01:30 0°**∡**′ -1259 Oct 04 i 09:02 0∘**⊽** -1264 Dec 31 i 13:12 0°정 -1259 Nov 02 j 21:47 0°M -1263 Jan 30 i 09:39 0°≈ min. Earth dist. -1259 Nov 21 i 02:28 18°MJ35'07 0.98208 AU -1263 Mar 01 j 18:42 0°**)**€ -1259 Dec 02 j 06:44 0°×7 -1263 Apr 01 j 16:59 $0^{\circ}\Upsilon$ -1259 Dec 31 j 18:27 0°궁 -1258 Jan 30 j 14:56 -1263 May 03 j 01:30 0°X 0°≈≈ 0°\ max. Earth dist. -1263 May 21 j 16:29 17°**8**43'22 1.01793 AU -1258 Mar 02 j 00:02 $0^{\circ}\Upsilon$ -1263 Jun 03 j 14:14 $0^{\circ}\Pi$ -1258 Apr 01 j 22:23 -1263 Jul 04 j 23:52 0°9 -1258 May 03 j 06:56 0°8 16°**8**16'01 1.01793 AU -1263 Aug 05 j 00:05 0° Ω max. Earth dist. -1258 May 20 j 09:07 -1263 Sep 04 j 11:19 0°M) -1258 Jun 03 j 19:40 Π $^{\circ}$ 0 -1263 Oct 04 j 09:35 0∘**⊽** -1258 Jul 05 j 05:17 0°9 -1263 Nov 02 j 22:20 0°M -1258 Aug 05 j 05:27 0 $^{\circ}$ Ω 16°M17'48 0.98205 AU min. Earth dist. -1263 Nov 18 j 21:23 -1258 Sep 04 j 16:37 0° m -1263 Dec 02 j 07:16 0° **₹** -1258 Oct 04 j 14:53 0∘**⊽** -1263 Dec 31 j 19:00 0°궁 -1258 Nov 03 j 03:38 0°M -1262 Jan 30 j 15:28 0°≈ min. Earth dist. -1258 Nov 19 j 19:03 16°M 59'45 0.98205 AU -1262 Mar 02 j 00:33 0°**)** -1258 Dec 02 j 12:35 0°**∡**7 -1262 Apr 01 j 22:51 $0^{\circ}\Upsilon$ -1257 Jan 01 j 00:20 0°궁 -1262 May 03 j 07:22 0°8 -1257 Jan 30 j 20:49 0°≈ -1262 May 22 j 04:38 17°858'09 1.01796 AU 0°**)** max. Earth dist. -1257 Mar 02 j 05:54

-1262 Jun 03 j 20:05

 $0^{\circ}\Pi$

 $0^{\circ}\Upsilon$

-1257 Apr 02 j 04:12

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 16 Attention, astronomical year style is used: The year -1257 in astronomical counting style is the year 1258 BCE in historical counting style. -1257 May 03 j 12:40 0°8 -1252 Jan 31 j 01:54 0°≈ -1257 May 23 j 01:29 -1252 Mar 01 j 10:51 0°**₩** max Earth dist 18°**8**35'07 1.01792 AU -1257 Jun 04 j 01:21 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1252 Apr 01 j 09:03 0° 8 -1257 Jul 05 j 10:57 000 -1252 May 02 j 17:30 -1257 Aug 05 j 11:08 0 $^{\circ}\Omega$ max. Earth dist. -1252 May 22 j 02:27 18°**8**26'02 1.01792 AU -1257 Sep 04 j 22:20 0° m -1252 Jun 03 j 06:13 $0^{\circ}\Pi$ -1257 Oct 04 j 20:38 0∘**⊽** -1252 Jul 04 j 15:53 0°9 -1257 Nov 03 j 09:24 0°M -1252 Aug 04 j 16:09 $0^{\circ}\Omega$ min. Earth dist. -1257 Nov 19 j 15:28 16°MJ35'41 0.98211 AU -1252 Sep 04 j 03:28 0° m -1257 Dec 02 j 18:22 0°**∡**¹ -1252 Oct 04 j 01:50 0∘**⊽** -1256 Jan 01 j 06:07 0°궁 -1252 Nov 02 j 14:40 0°M -1256 Jan 31 j 02:37 0°≈ min. Earth dist. -1252 Nov 18 j 17:54 16°ML28'24 0.98207 AU -1256 Mar 01 j 11:42 0°**)**€ -1252 Dec 01 j 23:37 0°**∡**7 -1256 Apr 01 j 09:59 $0^{\circ}\Upsilon$ -1252 Dec 31 j 11:18 0°정 -1256 May 02 j 18:29 0°8 -1251 Jan 30 j 07:40 0°≈ max. Earth dist. -1256 May 20 j 11:11 16°**8**50'26 1.01795 AU -1251 Mar 01 j 16:37 0°**)**€ -1256 Jun 03 j 07:12 Π $^{\circ}0$ -1251 Apr 01 j 14:49 $0^{\circ}\Upsilon$ -1256 Jul 04 j 16:50 0ಂತಾ -1251 May 02 j 23:16 0°B -1256 Aug 04 j 17:04 $0^{\circ}\Omega$ max. Earth dist. -1251 May 21 j 19:40 17°**8**56'07 1.01798 AU -1256 Sep 04 j 04:19 0° M -1251 Jun 03 j 12:00 Π °0 -1256 Oct 04 j 02:37 0∘**⊽** -1251 Jul 04 j 21:43 0ಂತಾ -1256 Nov 02 j 15:20 0°M -1251 Aug 04 j 22:01 $0^{\circ}\Omega$ min. Earth dist. -1256 Nov 20 j 17:55 18°M29'51 0.98203 AU -1251 Sep 04 i 09:20 0° m -1256 Dec 02 j 00:14 0°**∡**¹ -1251 Oct 04 i 07:40 0∘**⊽** -1256 Dec 31 j 11:55 0°ರ -1251 Nov 02 j 20:26 0°M -1255 Jan 30 j 08:21 -1251 Nov 21 j 00:23 0°≈≈ min. Earth dist. 18°M33'13 0.98208 AU -1255 Mar 01 j 17:26 0°**∀** -1251 Dec 02 j 05:22 0°×7 $0^{\circ}\Upsilon$ -1251 Dec 31 j 17:03 0°₹ -1255 Apr 01 j 15:44 -1255 May 03 j 00:15 0°8 -1250 Jan 30 j 13:28 0°≈≈ -1255 May 21 j 01:50 -1250 Mar 01 j 22:29 max. Earth dist. 17°**8**11'32 1.01793 AU 0°)(-1255 Jun 03 j 12:59 -1250 Apr 01 j 20:44 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1255 Jul 04 j 22:39 0°9 -1250 May 03 j 05:13 0° 8 -1255 Aug 04 j 22:54 0 \circ Ω max. Earth dist. -1250 May 20 j 11:27 16°**8**25'42 1.01793 AU -1255 Sep 04 j 10:10 -1250 Jun 03 j 17:55 0° M $0^{\circ}\Pi$ -1255 Oct 04 j 08:28 -1250 Jul 05 j 03:35 0∘**⊽** 0ಂತಾ -1255 Nov 02 j 21:11 0° M -1250 Aug 05 j 03:52 0 \circ Ω min. Earth dist. -1255 Nov 19 j 03:08 16°M35'30 0.98200 AU -1250 Sep 04 j 15:09 0° m -1255 Dec 02 j 06:03 0°**∡**¹ -1250 Oct 04 j 13:30 0∘**⊽** -1255 Dec 31 j 17:42 0°ರ -1250 Nov 03 j 02:17 $0^{\circ}M$ -1254 Jan 30 j 14:07 0°**≈** min. Earth dist. -1250 Nov 20 j 04:53 17°M28'25 0.98203 AU -1254 Mar 01 j 23:11 0°**)**€ -1250 Dec 02 j 11:12 0°**⊼** -1254 Apr 01 j 21:30 $0^{\circ}\Upsilon$ -1250 Dec 31 j 22:54 0°정 -1254 May 03 j 06:02 0° 8 -1249 Jan 30 j 19:20 -1254 May 22 j 10:07 18°814'18 1.01797 AU -1249 Mar 02 j 04:20 max. Earth dist. -1254 Jun 03 j 18:45 -1249 Apr 02 j 02:33 $0^{\circ}\Upsilon$ Π °0 -1254 Jul 05 i 04:24 0ಂತಾ -1249 May 03 j 10:57 0°8 -1254 Aug 05 i 04:39 $0^{\circ}\Omega$ max. Earth dist. -1249 May 23 i 04:26 18°846'21 1.01789 AU -1254 Sep 04 i 15:54 0° m -1249 Jun 03 i 23:34 $0^{\circ}II$ -1254 Oct 04 j 14:14 0∘**⊽** -1249 Jul 05 j 09:10 0ಂತಾ -1254 Nov 03 j 02:59 0°M -1249 Aug 05 j 09:26 $0^{\circ}\Omega$ -1254 Nov 20 j 11:59 17°M44'40 0.98207 AU -1249 Sep 04 j 20:46 min Earth dist 0° m -1254 Dec 02 j 11:54 0°×7 -1249 Oct 04 j 19:10 0∘Ω 0°る -1254 Dec 31 j 23:34 -1249 Nov 03 j 08:01 0°M -1253 Jan 30 j 19:59 0°≈ min. Earth dist. -1249 Nov 19 j 15:11 16°M38'26 0.98211 AU -1253 Mar 02 j 05:03 0°**)**€ -1249 Dec 02 j 16:59 0°×7 $0^{\circ}\Upsilon$ -1253 Apr 02 j 03:22 -1248 Jan 01 j 04:41 0°정 0°8 -1248 Jan 31 j 01:05 0°≈ -1253 May 03 j 11:55 0°\ max. Earth dist. -1253 May 20 j 17:13 16°**8**23'24 1.01796 AU -1248 Mar 01 j 10:04 $0^{\circ}\Upsilon$ -1253 Jun 04 j 00:38 $0^{\circ}\Pi$ -1248 Apr 01 j 08:17 -1253 Jul 05 j 10:17 0ಂತಾ -1248 May 02 j 16:44 0°8 -1253 Aug 05 j 10:30 0 \circ Ω max. Earth dist. -1248 May 20 j 19:42 17°**8**14'54 1.01793 AU -1253 Sep 04 j 21:46 0° m -1248 Jun 03 j 05:23 $0^{\circ}\Pi$ -1253 Oct 04 j 20:07 0∘**⊽** -1248 Jul 04 j 15:01 0ಂತಾ -1253 Nov 03 j 08:55 0°M -1248 Aug 04 j 15:18 0° Ω min. Earth dist. -1253 Nov 21 j 04:01 18°Mപ10'36 0.98204 AU -1248 Sep 04 j 02:38 0° m 0°×7 -1248 Oct 04 j 01:03 0∘**ত** -1253 Dec 02 j 17:52

0°M

-1248 Nov 02 j 13:52

0°₹

-1252 Jan 01 j 05:32

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 17 Attention, astronomical year style is used: The year -1248 in astronomical counting style is the year 1249 BCE in historical counting style.

	mical year style is used: In	-		unting style is the year			
min. Earth dist.	-1248 Nov 21 j 01:15		0.98207 AU		-1243 Sep 04 j 07:54	0° ™	
	-1248 Dec 01 j 22:48	0° ⊼ ¹			-1243 Oct 04 j 06:18	0∘ ⊽	
	-1248 Dec 31 j 10:27	0°ප			-1243 Nov 02 j 19:05	0° M	
	-1247 Jan 30 j 06:49	0° ≈		min. Earth dist.	-1243 Nov 20 j 20:33	18° ™ 26'51	0.98206 AU
	-1247 Mar 01 j 15:48	0°) €			-1243 Dec 02 j 03:58	0° ∡ ¹	
	-1247 Apr 01 j 14:02	0° Υ			-1243 Dec 31 j 15:36	5°0	
	-1247 May 02 j 22:31	0°8			-1242 Jan 30 j 11:57	0° ≈	
max. Earth dist.	-1247 May 20 j 15:04	16° 8 50'12	1.01792 AU		-1242 Mar 01 j 20:56	0°) €	
max. Earth dist.	-1247 Jun 03 j 11:13	0°II	1.01772110		-1242 Apr 01 j 19:11	0°Υ	
	•						
	-1247 Jul 04 j 20:53	0° ©		F 4 1	-1242 May 03 j 03:41	0°8	1.01506.477
	-1247 Aug 04 j 21:09	$0^{\circ}\Omega$		max. Earth dist.	-1242 May 20 j 11:21	16° 8 29'03	1.01796 AU
	-1247 Sep 04 j 08:27	0° m p			-1242 Jun 03 j 16:25	$\Pi^{\circ}0$	
	-1247 Oct 04 j 06:50	0∘ ⊽			-1242 Jul 05 j 02:07	0 \circ \odot	
	-1247 Nov 02 j 19:39	0 ° \mathbb{M}			-1242 Aug 05 j 02:27	$0 {\circ} \Omega$	
min. Earth dist.	-1247 Nov 19 j 10:59	16°M59'26	0.98204 AU		-1242 Sep 04 j 13:49	0° m ⁄	
	-1247 Dec 02 j 04:36	0° ∡ ¹			-1242 Oct 04 j 12:14	0∘ ⊽	
	-1247 Dec 31 j 16:16	8°0			-1242 Nov 03 j 01:04	0° M	
	-1246 Jan 30 j 12:39	0° ≈		min. Earth dist.	-1242 Nov 20 i 15:41	17°M59'07	0.98202 AU
	-1246 Mar 01 j 21:37	0° ∀			-1242 Dec 02 j 09:59	0° ∡ 7	
	-1246 Apr 01 j 19:51	0° Υ			-1242 Dec 31 j 21:38	°ਤ	
	1 7						
To all III	-1246 May 03 j 04:19	0°8	1 01705 411		-1241 Jan 30 j 17:58	0° ≈	
max. Earth dist.	-1246 May 22 j 16:20		1.01795 AU		-1241 Mar 02 j 02:54	0°) €	
	-1246 Jun 03 j 17:01	Π $^{\circ}0$			-1241 Apr 02 j 01:03	0° Υ	
	-1246 Jul 05 j 02:40	0			-1241 May 03 j 09:28	0°8	
	-1246 Aug 05 j 02:55	$0 {\circ} \Omega$		max. Earth dist.	-1241 May 23 j 02:06	18° 8 44'18	1.01790 AU
	-1246 Sep 04 j 14:12	0° m /			-1241 Jun 03 j 22:08	$\Pi^{\circ}0$	
	-1246 Oct 04 j 12:33	0∘ ত			-1241 Jul 05 j 07:47	0∘ ௐ	
	-1246 Nov 03 j 01:22	0°M			-1241 Aug 05 j 08:05	$0^{\circ}\Omega$	
min. Earth dist.	-1246 Nov 19 j 21:46	17°M12'20	0.98211 AU		-1241 Sep 04 j 19:28	0° m/	
	-1246 Dec 02 j 10:20	0° ∡ 7			-1241 Oct 04 j 17:57	0∘ ⊽	
	-1246 Dec 31 j 22:03	0°ਤੇ			-1241 Nov 03 j 06:50	0° m	
	•	0°≈		min Forth dist			0.00211 ATT
	-1245 Jan 30 j 18:29			min. Earth dist.	-1241 Nov 19 j 14:48	16°M40'22	0.98211 AU
	-1245 Mar 02 j 03:29	0°) €			-1241 Dec 02 j 15:50	0° ⊀¹	
	-1245 Apr 02 j 01:43	0° Υ			-1240 Jan 01 j 03:30	0°る	
	-1245 May 03 j 10:13	0°8			-1240 Jan 30 j 23:50	0° ≈	
max. Earth dist.	-1245 May 21 j 00:22	16° 8 44'26	1.01796 AU		-1240 Mar 01 j 08:44	0°) €	
	-1245 Jun 03 j 22:56	Π °0			-1240 Apr 01 j 06:52	0° Y	
	-1245 Jul 05 j 08:36	0 \circ \odot			-1240 May 02 j 15:16	0° ႘	
	-1245 Aug 05 j 08:52	$0^{\circ}\Omega$		max. Earth dist.	-1240 May 21 j 06:33	17° 8 44'05	1.01795 AU
	-1245 Sep 04 j 20:10	0° m			-1240 Jun 03 j 03:58	0° I I	
	-1245 Oct 04 j 18:31	0∘ ⊽			-1240 Jul 04 j 13:40	0	
	-1245 Nov 03 j 07:20	o° m .			-1240 Aug 04 j 14:01	$0^{\circ}\Omega$	
min Earth diat	-1245 Nov 21 j 08:11		0.00205 ATT		0 3		
min. Earth dist.		18°M25'20	0.98205 AU		-1240 Sep 04 j 01:25	0° m	
	-1245 Dec 02 j 16:17	0° ⊼			-1240 Oct 03 j 23:52	0° ⊽	
	-1244 Jan 01 j 03:58	0°る			-1240 Nov 02 j 12:44	0°M₊	
	-1244 Jan 31 j 00:22	0°≈		min. Earth dist.	-1240 Nov 21 j 01:55	18°M56'44	0.98209 AU
	-1244 Mar 01 j 09:18	0° ∀			-1240 Dec 01 j 21:42	0° ∡ 7	
	-1244 Apr 01 j 07:29	0 ° $\mathbf{\Upsilon}$			-1240 Dec 31 j 09:22	0°ಕ	
	-1244 May 02 j 15:54	$_{0\circ}$ 8			-1239 Jan 30 j 05:41	0° ≈	
max. Earth dist.	-1244 May 21 j 16:16	18° 8 05'43	1.01791 AU		-1239 Mar 01 j 14:35	0°) €	
	-1244 Jun 03 j 04:36	Π $^{\circ}$ 0			-1239 Apr 01 j 12:44	0° Y	
	-1244 Jul 04 j 14:17	0°€			-1239 May 02 j 21:09	0°8	
	-1244 Aug 04 j 14:37	0°N		max. Earth dist.	-1239 May 20 j 13:41	16° 8 50'12	1.01792 AU
	-1244 Sep 04 j 01:59	0° mp		man. Earth dige.	-1239 Jun 03 j 09:52	0°II	1.01,72110
	-1244 Oct 04 j 00:23	0° ت ۱۱۱۸			-1239 Jul 04 j 19:35	0°©	
	·				•		
	-1244 Nov 02 j 13:12	0°M	0.00004.444		-1239 Aug 04 j 19:57	0°N	
min. Earth dist.	-1244 Nov 18 j 20:23	16°M38'32	0.98204 AU		-1239 Sep 04 j 07:20	0° Mp	
	-1244 Dec 01 j 22:07	0° ∡			-1239 Oct 04 j 05:45	0∘ ⊽	
	-1244 Dec 31 j 09:46	0°ප			-1239 Nov 02 j 18:35	0°M₊	
	-1243 Jan 30 j 06:07	0° ≈		min. Earth dist.	-1239 Nov 19 j 18:14	17°M20'43	0.98204 AU
	-1243 Mar 01 j 15:04	0° ∀			-1239 Dec 02 j 03:33	0° ∡ ¹	
	-1243 Apr 01 j 13:15	$0^{\circ}\mathbf{\Upsilon}$			-1239 Dec 31 j 15:13	ರ°0	
	-1243 May 02 j 21:41	0°8			-1238 Jan 30 j 11:34	0° ≈	
max. Earth dist.	-1243 May 22 j 03:02	18° 8 17'22	1.01798 AU		-1238 Mar 01 j 20:29	0°) €	
	- J - J - J - J - J - J - J - J - J - J						
	-1243 Jun 03 i 10:25	Π°			-1238 Apr 01 i 18:38	0ο, λ,	
	-1243 Jun 03 j 10:25	0°© ∏°0			-1238 Apr 01 j 18:38	0°Υ 0°Χ	
	-1243 Jun 03 j 10:25 -1243 Jul 04 j 20:09 -1243 Aug 04 j 20:31	0° U 0°9 0°I		max. Earth dist.	-1238 Apr 01 j 18:38 -1238 May 03 j 03:02 -1238 May 22 j 23:11	0°Y 0° と 18° と 52'39	1.01792 AU

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 18 Attention, astronomical year style is used: The year -1238 in astronomical counting style is the year 1239 BCE in historical counting style. -1238 Jun 03 j 15:41 $0^{\circ}\Pi$ -1233 Apr 01 j 23:37 $0^{\circ}\Upsilon$ -1238 Jul 05 j 01:21 -1233 May 03 j 07:59 000 0°X -1238 Aug 05 j 01:41 $0^{\circ}\Omega$ -1233 May 22 j 21:35 18°**8**37'10 1.01790 AU max. Earth dist. -1238 Sep 04 j 13:03 0° M -1233 Jun 03 j 20:39 $0^{\circ}\Pi$ -1238 Oct 04 j 11:29 0∘ଫ -1233 Jul 05 j 06:19 0°9 $0^{\circ}M$ -1238 Nov 03 j 00:19 -1233 Aug 05 j 06:40 $0^{\circ}\Omega$ min. Earth dist. -1238 Nov 19 j 13:58 16°ML55'01 0.98211 AU -1233 Sep 04 j 18:04 0° m -1238 Dec 02 j 09:17 0° **₹** -1233 Oct 04 j 16:31 0∘**⊽** -1238 Dec 31 j 20:58 ਾਤ -1233 Nov 03 j 05:23 0°M -1237 Jan 30 j 17:22 0°≈ min. Earth dist. -1233 Nov 19 j 12:12 16°M37'31 0.98208 AU -1237 Mar 02 j 02:20 0°**)**€ -1233 Dec 02 j 14:21 0°**∡**7 $0^{\circ}\Upsilon$ -1237 Apr 02 j 00:31 -1232 Jan 01 j 02:00 0°ಕ -1237 May 03 j 08:57 0° 8 -1232 Jan 30 j 22:19 0°≈ max. Earth dist. -1237 May 21 j 07:55 17°**8**05'26 1.01793 AU -1232 Mar 01 j 07:12 0°**)**€ -1237 Jun 03 j 21:37 $0^{\circ}\Pi$ -1232 Apr 01 j 05:17 $0^{\circ}\Upsilon$ -1237 Jul 05 j 07:16 0ಂತಾ -1232 May 02 j 13:39 0°8 -1237 Aug 05 j 07:35 $0^{\circ}\Omega$ max. Earth dist. -1232 May 21 j 15:49 18°**8**09'55 1.01796 AU -1237 Sep 04 j 18:58 0° M -1232 Jun 03 j 02:20 Π °0 -1237 Oct 04 j 17:26 0∘**⊽** -1232 Jul 04 j 12:05 0ಂತಾ -1237 Nov 03 j 06:18 0°M -1232 Aug 04 j 12:29 $0^{\circ}\Omega$ min. Earth dist. -1237 Nov 21 j 16:43 18°M49'45 0.98207 AU -1232 Sep 03 j 23:57 0° m -1237 Dec 02 j 15:16 0°**∡**¹ -1232 Oct 03 j 22:25 0∘**⊽** -1236 Jan 01 i 02:54 0°₹ -1232 Nov 02 j 11:16 $0^{\circ}M$ -1236 Jan 30 j 23:14 0°≈ min. Earth dist. -1232 Nov 20 j 22:47 18°ML52'35 0.98206 AU -1236 Mar 01 j 08:08 0°**∀** -1232 Dec 01 j 20:10 0°×7 -1236 Apr 01 j 06:16 $0^{\circ}\Upsilon$ -1232 Dec 31 j 07:45 0°궁 -1236 May 02 j 14:39 -1231 Jan 30 j 04:02 0°8 0°≈≈ -1236 May 21 j 00:27 max. Earth dist. 17°**8**31'13 1.01789 AU -1231 Mar 01 j 12:54 0° H -1236 Jun 03 j 03:19 -1231 Apr 01 j 11:02 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1236 Jul 04 j 12:59 0°9 -1231 May 02 j 19:27 0°8 -1236 Aug 04 j 13:19 0° Ω max. Earth dist. -1231 May 20 j 09:59 16°**8**45'27 1.01794 AU -1236 Sep 04 j 00:44 0° M -1231 Jun 03 j 08:10 $0^{\circ}\Pi$ -1236 Oct 03 j 23:13 0∘ଫ -1231 Jul 04 j 17:56 0ಂಪ -1236 Nov 02 j 12:06 0°M -1231 Aug 04 j 18:21 0 \circ Ω min. Earth dist. -1236 Nov 19 j 04:10 17°M01'12 0.98205 AU -1231 Sep 04 j 05:49 0° m -1236 Dec 01 j 21:03 0°**⊼** -1231 Oct 04 j 04:18 0∘ଫ 0°궁 -1236 Dec 31 j 08:41 -1231 Nov 02 j 17:09 0° M -1235 Jan 30 j 04:59 0°**≈** min. Earth dist. -1231 Nov 20 j 04:44 17°M51'22 0.98200 AU -1235 Mar 01 j 13:51 0°**)**€ -1231 Dec 02 j 02:02 0°**⊼** -1235 Apr 01 j 11:59 $0^{\circ}\Upsilon$ -1231 Dec 31 j 13:37 0°ರ -1235 May 02 j 20:23 0° 8 -1230 Jan 30 j 09:52 0°≈ -1235 May 22 j 08:47 18°834'07 1.01796 AU -1230 Mar 01 j 18:43 max. Earth dist. -1235 Jun 03 j 09:05 -1230 Apr 01 j 16:50 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1235 Jul 04 j 18:48 0ಂತಾ -1230 May 03 j 01:14 0°8 -1230 May 22 j 23:14 -1235 Aug 04 j 19:09 0° Ω max. Earth dist. 18°**8**57'01 1.01793 AU -1235 Sep 04 i 06:32 0° m -1230 Jun 03 j 13:54 $0^{\circ}II$ -1235 Oct 04 i 04:58 0∘**⊽** -1230 Jul 04 i 23:37 0ಂತಾ -1235 Nov 02 j 17:49 0°M -1230 Aug 04 j 24:00 $0^{\circ}\Omega$ min. Earth dist. -1235 Nov 20 j 10:34 18°M04'26 0.98210 AU -1230 Sep 04 j 11:27 0° m -1235 Dec 02 j 02:46 0°**∡**¹ -1230 Oct 04 j 09:57 0∘Ω 0°る -1230 Nov 02 j 22:51 -1235 Dec 31 j 14:24 o°m. 16°ML56'47 0.98209 AU -1234 Jan 30 j 10:43 0°≈≈ min. Earth dist. -1230 Nov 19 j 13:12 0°**₩** -1234 Mar 01 j 19:38 -1230 Dec 02 j 07:48 0°×7 $0^{\circ}\Upsilon$ -1234 Apr 01 j 17:49 -1230 Dec 31 j 19:25 0°궁 -1234 May 03 j 02:17 0°8 -1229 Jan 30 j 15:41 0°≈ -1234 May 20 j 15:24 16°**8**42'00 1.01797 AU -1229 Mar 02 j 00:32 0°**)**€ max. Earth dist. $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1234 Jun 03 j 15:01 -1229 Apr 01 j 22:38 -1234 Jul 05 j 00:45 0ಂತಾ -1229 May 03 j 07:03 0°8 -1234 Aug 05 j 01:05 0 \circ Ω max. Earth dist. -1229 May 21 j 16:44 17°**8**30'48 1.01796 AU -1234 Sep 04 j 12:27 0° m -1229 Jun 03 j 19:45 $0^{\circ}\Pi$ -1234 Oct 04 j 10:52 0∘**⊽** -1229 Jul 05 j 05:29 0 \circ \odot -1234 Nov 02 j 23:42 0°M -1229 Aug 05 j 05:52 0 $^{\circ}$ Ω min. Earth dist. -1234 Nov 20 j 21:11 18°**M**.16'40 0.98204 AU -1229 Sep 04 j 17:20 0° m -1234 Dec 02 j 08:39 0°⊀ -1229 Oct 04 j 15:52 0∘**⊽** -1234 Dec 31 j 20:18 0°궁 -1229 Nov 03 j 04:48 0°M 0°**≈** min. Earth dist. 19°M10'48 0.98209 AU -1233 Jan 30 j 16:38 -1229 Nov 21 j 23:29

-1229 Dec 02 j 13:47

0°**)**€

-1233 Mar 02 j 01:31

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 19 Attention, astronomical year style is used: The year -1228 in astronomical counting style is the year 1229 BCE in historical counting style. -1228 Jan 01 j 01:23 0°ರ -1224 Nov 02 j 09:58 0°M -1228 Jan 30 j 21:37 -1224 Nov 20 j 20:22 0°≈≈ min. Earth dist. 18°M49'32 0.98210 AU -1228 Mar 01 j 06:23 0°**)**€ -1224 Dec 01 j 18:56 0°**∡**¹ $0^{\circ}\Upsilon$ -1228 Apr 01 j 04:25 -1224 Dec 31 j 06:32 0°정 0° 8 -1223 Jan 30 j 02:46 -1228 May 02 j 12:45 0°≈ max. Earth dist. -1228 May 20 j 18:17 17°**8**21'07 1.01791 AU -1223 Mar 01 j 11:35 0°**∀** $0^{\circ}\Upsilon$ -1228 Jun 03 j 01:27 $0^{\circ}\Pi$ -1223 Apr 01 j 09:41 -1228 Jul 04 j 11:12 0 \circ \odot -1223 May 02 j 18:05 0° 8 -1228 Aug 04 j 11:37 0° Ω max. Earth dist. -1223 May 20 j 08:42 16°**8**45'39 1.01794 AU -1228 Sep 03 j 23:07 0° M -1223 Jun 03 j 06:48 Π °0 -1228 Oct 03 j 21:40 0∘**⊽** -1223 Jul 04 j 16:33 0ಂತಾ -1228 Nov 02 j 10:36 0° M -1223 Aug 04 j 16:58 0° Ω min. Earth dist. -1228 Nov 19 j 11:03 17°M22'39 0.98206 AU -1223 Sep 04 j 04:26 0° M -1228 Dec 01 j 19:36 0°**∡**¹ -1223 Oct 04 j 02:57 0∘**⊽** -1228 Dec 31 j 07:13 0°ರ -1223 Nov 02 j 15:52 0°M -1227 Jan 30 j 03:28 0°**≈** min. Earth dist. -1223 Nov 20 j 12:34 18°M14'34 0.98204 AU -1227 Mar 01 j 12:14 0°**)**€ -1223 Dec 02 j 00:50 0°**⊼** -1227 Apr 01 j 10:14 $0^{\circ}\Upsilon$ -1223 Dec 31 j 12:27 -1227 May 02 j 18:33 0°8 -1222 Jan 30 j 08:42 0°≈ max. Earth dist. -1227 May 22 j 19:05 19°**8**03'01 1.01795 AU -1222 Mar 01 j 17:31 0°**)**€ -1227 Jun 03 j 07:14 $0^{\circ}\Pi$ -1222 Apr 01 j 15:35 $0^{\circ}\Upsilon$ -1227 Jul 04 i 17:01 0ಂತಾ -1222 May 02 j 23:57 0°8 -1227 Aug 04 j 17:28 $0^{\circ}\Omega$ max. Earth dist. -1222 May 22 j 20:09 18°**8**52'47 1.01791 AU -1227 Sep 04 j 04:57 0° m -1222 Jun 03 j 12:38 $\Pi^{\circ}0$ -1227 Oct 04 j 03:28 0∘**⊽** -1222 Jul 04 j 22:21 0ಂತಾ -1227 Nov 02 j 16:21 0°M -1222 Aug 04 j 22:44 $0^{\circ}\Omega$ 17°M35'42 0.98211 AU -1222 Sep 04 j 10:10 min Earth dist -1227 Nov 19 j 21:54 0° m -1222 Oct 04 j 08:40 -1227 Dec 02 j 01:18 0°×7 0∘Ω 0°정 -1227 Dec 31 j 12:57 -1222 Nov 02 j 21:34 o°m. min. Earth dist. -1222 Nov 19 j 06:27 -1226 Jan 30 j 09:14 0°≈ 16°M42'46 0.98210 AU 0°**)**€ -1226 Mar 01 j 18:05 -1222 Dec 02 j 06:33 0°**∡**¹ $0^{\circ}\Upsilon$ -1226 Apr 01 j 16:11 -1222 Dec 31 j 18:12 0°궁 -1226 May 03 j 00:33 0° 8 -1221 Jan 30 j 14:30 0°≈ -1226 May 21 j 00:11 17°**8**07'02 1.01794 AU -1221 Mar 01 j 23:20 0°**)**€ max. Earth dist. -1226 Jun 03 j 13:14 Π $^{\circ}0$ -1221 Apr 01 j 21:25 $0^{\circ}\Upsilon$ -1226 Jul 04 j 22:59 0ಂತಾ -1221 May 03 j 05:47 0° 8 -1226 Aug 04 j 23:25 0 \circ Ω max. Earth dist. -1221 May 22 j 01:52 17°**8**55'29 1.01796 AU -1226 Sep 04 j 10:54 0° M -1221 Jun 03 j 18:30 $\Pi^{\circ}0$ -1226 Oct 04 j 09:25 0∘**⊽** -1221 Jul 05 j 04:15 0ಂತಾ -1226 Nov 02 j 22:19 0° M -1221 Aug 05 j 04:40 $0^{\circ}\Omega$ min. Earth dist. -1226 Nov 21 j 05:03 18°ML40'19 0.98206 AU -1221 Sep 04 j 16:09 -1226 Dec 02 j 07:16 -1221 Oct 04 j 14:40 0° **₹** -1226 Dec 31 j 18:55 0°₹ -1221 Nov 03 j 03:34 -1225 Jan 30 j 15:13 -1221 Nov 21 j 20:41 19°ML06'50 0.98208 AU 0°≈ min. Earth dist. 0°**)**€ -1221 Dec 02 j 12:31 -1225 Mar 02 j 00:04 0°**∡**7 $0^{\circ}\Upsilon$ -1225 Apr 01 j 22:07 -1220 Jan 01 i 00:07 0°궁 -1225 May 03 i 06:25 0°8 -1220 Jan 30 j 20:21 0°≈ max. Earth dist. -1225 May 22 j 11:50 18°**8**17'52 1.01785 AU -1220 Mar 01 i 05:09 0°**∀** -1225 Jun 03 j 19:01 $0^{\circ}\Pi$ -1220 Apr 01 j 03:11 $0^{\circ}\Upsilon$ -1225 Jul 05 j 04:41 0ಂತಾ -1220 May 02 j 11:31 0°8 $0^{\circ}\Omega$ -1220 May 20 j 10:52 17°**8**06'26 1.01792 AU -1225 Aug 05 j 05:04 max Earth dist -1220 Jun 03 j 00:13 -1225 Sep 04 j 16:34 0° mb 0°Π -1220 Jul 04 j 10:00 -1225 Oct 04 j 15:08 0∘ଫ 0ംഉ -1225 Nov 03 j 04:05 0°M -1220 Aug 04 j 10:30 0 $^{\circ}$ Ω 0° M min. Earth dist. -1225 Nov 19 j 18:44 16°M57'27 0.98209 AU -1220 Sep 03 j 22:02 -1225 Dec 02 j 13:05 0° **₹** -1220 Oct 03 j 20:35 0∘ಹ 0°궁 0° M -1224 Jan 01 j 00:44 -1220 Nov 02 j 09:29 17°M42'30 0.98201 AU -1224 Jan 30 j 21:00 0°≈ min. Earth dist. -1220 Nov 19 j 17:39 0°**∀** -1224 Mar 01 j 05:50 -1220 Dec 01 j 18:24 0°×7 $0^{\circ}\Upsilon$ 0°ರ -1224 Apr 01 j 03:53 -1220 Dec 31 j 05:58 -1224 May 02 j 12:12 0°8 -1219 Jan 30 j 02:10 0°≈ max. Earth dist. -1224 May 21 j 22:50 18°**8**30'05 1.01792 AU -1219 Mar 01 j 10:56 0°**)**€ -1224 Jun 03 j 00:50 Π $^{\circ}$ 0 -1219 Apr 01 j 08:57 $0^{\circ}\Upsilon$ -1224 Jul 04 j 10:32 0 \circ \odot -1219 May 02 j 17:17 0°8 -1224 Aug 04 j 10:57 0° Ω max. Earth dist. -1219 May 22 j 22:22 19°**8**13'49 1.01796 AU 0° m $\Pi^{\circ}0$ -1224 Sep 03 j 22:28 -1219 Jun 03 j 05:59

0ಂತಾ

-1219 Jul 04 j 15:47

0∘**ত**

-1224 Oct 03 j 21:02

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 20 Attention, astronomical year style is used: The year -1219 in astronomical counting style is the year 1220 BCE in historical counting style. -1219 Aug 04 j 16:18 $0^{\circ}\Omega$ max. Earth dist. -1214 May 22 j 19:14 18°**8**54'38 1.01788 AU -1219 Sep 04 j 03:51 -1214 Jun 03 j 10:56 0° mb Π °0 -1219 Oct 04 j 02:24 -1214 Jul 04 j 20:39 0∘ഹ 0ംഉ $0^{\circ}\Omega$ -1219 Nov 02 j 15:17 $0^{\circ}M$ -1214 Aug 04 j 21:07 -1214 Sep 04 j 08:42 min. Earth dist. -1219 Nov 19 j 15:15 17°ML21'27 0.98206 AU 0° m -1219 Dec 02 j 00:10 0° **₹** -1214 Oct 04 j 07:18 0∘**⊽** 0° M -1219 Dec 31 j 11:42 0°궁 -1214 Nov 02 j 20:16 -1218 Jan 30 j 07:54 0°≈ min. Earth dist. -1214 Nov 19 j 09:51 16°M54'45 0.98210 AU -1218 Mar 01 j 16:41 0°**)** -1214 Dec 02 j 05:15 0°⊀ $0^{\circ}\Upsilon$ -1218 Apr 01 j 14:45 -1214 Dec 31 j 16:52 0°ರ -1218 May 02 j 23:09 0° 8 -1213 Jan 30 j 13:06 0°≈ max. Earth dist. -1218 May 21 j 06:18 17°**8**24'46 1.01798 AU -1213 Mar 01 j 21:52 0°**)**€ $0^{\circ}\Upsilon$ -1218 Jun 03 j 11:54 $0^{\circ}\Pi$ -1213 Apr 01 j 19:51 -1218 Jul 04 j 21:42 0ಂತಾ -1213 May 03 j 04:07 0°8 -1218 Aug 04 j 22:11 $0^{\circ}\Omega$ max. Earth dist. -1213 May 22 j 11:48 18°**8**23'07 1.01792 AU -1218 Sep 04 j 09:45 0° M -1213 Jun 03 j 16:44 $\Pi^{\circ}0$ -1218 Oct 04 j 08:19 0∘**⊽** -1213 Jul 05 j 02:28 0ಂತಾ -1218 Nov 02 j 21:15 0°M -1213 Aug 05 j 02:56 0° Ω min. Earth dist. -1218 Nov 21 j 14:10 19°M06'23 0.98204 AU -1213 Sep 04 j 14:31 0° m -1218 Dec 02 j 06:10 0°×7 -1213 Oct 04 j 13:10 0°Ω -1218 Dec 31 j 17:43 0°궁 -1213 Nov 03 j 02:09 $0^{\circ}M$ -1217 Jan 30 j 13:54 0°≈ min. Earth dist. -1213 Nov 21 i 23:16 19°M16'54 0.98212 AU -1217 Mar 01 j 22:38 0°**)**€ -1213 Dec 02 j 11:09 0°×7 -1217 Apr 01 i 20:37 0° -1213 Dec 31 i 22:43 0°궁 -1217 May 03 j 04:56 0°8 -1212 Jan 30 j 18:54 0°≈ -1217 May 21 j 23:36 -1212 Mar 01 j 03:36 0°**₩** max. Earth dist. 17°**8**52'20 1.01789 AU -1217 Jun 03 j 17:35 -1212 Apr 01 j 01:34 $0^{\circ}\Upsilon$ 0°Π -1217 Jul 05 j 03:20 000 -1212 May 02 j 09:51 0°8 -1217 Aug 05 j 03:47 $0^{\circ}\Omega$ max Earth dist -1212 May 20 j 06:50 17°**8**00'56 1.01789 AU -1217 Sep 04 j 15:21 0° M -1212 Jun 02 j 22:30 $0^{\circ}\Pi$ -1217 Oct 04 j 13:59 0∘ଫ -1212 Jul 04 j 08:15 0ಂತಾ 0° M -1217 Nov 03 j 02:59 -1212 Aug 04 j 08:45 0° Ω -1217 Nov 20 j 02:51 17°ML21'02 0.98208 AU -1212 Sep 03 j 20:21 min. Earth dist. 0° m -1212 Oct 03 j 19:00 -1217 Dec 02 j 12:00 0°**∡** 0∘ଫ 0°궁 -1217 Dec 31 j 23:35 -1212 Nov 02 j 08:00 0°M -1216 Jan 30 j 19:45 0°≈ min. Earth dist. -1212 Nov 20 j 03:52 18°M12'19 0.98206 AU -1216 Mar 01 j 04:26 0°**∀** -1212 Dec 01 j 17:00 0°**⊼** -1216 Apr 01 j 02:21 $0^{\circ}\Upsilon$ -1212 Dec 31 j 04:34 0°ರ -1216 May 02 j 10:37 0° 8 -1211 Jan 30 j 00:43 0°≈ max. Earth dist. -1216 May 22 j 09:40 18°**8**59'34 1.01794 AU -1211 Mar 01 j 09:24 0°**)**€ -1216 Jun 02 j 23:16 $0^{\circ}II$ -1211 Apr 01 j 07:21 $0^{\circ}\Upsilon$ -1216 Jul 04 j 09:03 -1211 May 02 j 15:37 0ಂತಾ 0°8 -1216 Aug 04 j 09:34 -1211 May 22 j 23:04 0° Ω max. Earth dist. 19°**8**19'31 1.01792 AU -1211 Jun 03 j 04:17 -1216 Sep 03 j 21:10 0° M $0^{\circ}\Pi$ -1216 Oct 03 j 19:47 -1211 Jul 04 j 14:03 0∘**⊽** -1216 Nov 02 j 08:45 0°M -1211 Aug 04 j 14:32 $0^{\circ}\Omega$ min. Earth dist. -1216 Nov 20 j 13:04 18°M33'55 0.98211 AU -1211 Sep 04 i 02:06 0° m -1216 Dec 01 i 17:43 0°**∡**¹ -1211 Oct 04 i 00:41 0∘**⊽** -1216 Dec 31 j 05:18 0°정 -1211 Nov 02 j 13:39 0°M 17°ML06'14 0.98211 AU -1215 Jan 30 j 01:28 -1211 Nov 19 j 07:44 0°≈≈ min. Earth dist. -1215 Mar 01 j 10:10 0°**₩** -1211 Dec 01 j 22:38 0°×7 $0^{\circ}\Upsilon$ 0°궁 -1215 Apr 01 j 08:08 -1211 Dec 31 j 10:13 -1215 May 02 j 16:26 0°8 -1210 Jan 30 j 06:25 0°≈≈ max. Earth dist. -1215 May 20 j 17:23 17°**8**10'14 1.01794 AU -1210 Mar 01 j 15:09 0°**∀** $0^{\circ}\Pi$ -1215 Jun 03 j 05:08 -1210 Apr 01 j 13:08 0° -1215 Jul 04 j 14:57 0°9 -1210 May 02 j 21:28 0°8 0° Ω max. Earth dist. 17°**8**47'40 1.01797 AU -1215 Aug 04 j 15:29 -1210 May 21 j 14:15 -1215 Sep 04 j 03:04 0° M -1210 Jun 03 j 10:11 $0^{\circ}\Pi$ -1215 Oct 04 j 01:40 0∘**⊽** -1210 Jul 04 j 19:59 0ಂಣ -1215 Nov 02 j 14:36 0°M -1210 Aug 04 j 20:29 0 $^{\circ}$ Ω min. Earth dist. -1215 Nov 20 j 21:06 18°M39'37 0.98205 AU -1210 Sep 04 j 08:03 0° m -1215 Dec 01 j 23:34 0°**∡**¹ -1210 Oct 04 j 06:38 0∘**⊽** -1215 Dec 31 j 11:10 0°궁 -1210 Nov 02 j 19:34 0°M -1214 Jan 30 j 07:22 0°≈ min. Earth dist. -1210 Nov 21 j 14:48 19°M12'11 0.98208 AU -1214 Mar 01 j 16:06 0°**)** -1210 Dec 02 j 04:33 0°**∡**7 $0^{\circ}\Upsilon$ 0°정 -1214 Apr 01 j 14:04 -1210 Dec 31 j 16:09

-1209 Jan 30 j 12:22

0°**≈**

 0° 8

-1214 May 02 j 22:20

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 21 Attention, astronomical year style is used: The year -1209 in astronomical counting style is the year 1210 BCE in historical counting style. -1209 Mar 01 j 21:05 0°**∀** -1205 Dec 02 j 09:56 0°×7 -1209 Apr 01 j 19:02 $0^{\circ}\Upsilon$ -1205 Dec 31 j 21:29 0°궁 -1204 Jan 30 j 17:35 0°8 -1209 May 03 j 03:17 0°≈≈ -1209 May 21 j 12:06 17°**8**28'59 1.01788 AU -1204 Mar 01 j 02:11 0°**)**€ max. Earth dist. 0° -1209 Jun 03 j 15:56 $0^{\circ}\Pi$ -1204 Apr 01 j 00:04 -1209 Jul 05 j 01:41 0°9 -1204 May 02 j 08:19 0°8 -1209 Aug 05 j 02:11 0° Ω max. Earth dist. -1204 May 20 j 10:42 17°**8**13'42 1.01793 AU -1209 Sep 04 j 13:46 0° m -1204 Jun 02 j 21:00 0°II -1209 Oct 04 j 12:24 0。ಹ -1204 Jul 04 j 06:52 0ಂಪ -1209 Nov 03 j 01:22 0° M -1204 Aug 04 j 07:28 0° Ω min. Earth dist. -1209 Nov 20 j 05:58 17°M33'13 0.98206 AU -1204 Sep 03 j 19:08 0° M -1209 Dec 02 j 10:22 0°**∡**¹ -1204 Oct 03 j 17:50 0∘**⊽** -1209 Dec 31 j 21:57 0°궁 -1204 Nov 02 j 06:52 0°M -1208 Jan 30 j 18:08 0°**≈** min. Earth dist. -1204 Nov 20 j 12:33 18°M37'28 0.98206 AU -1208 Mar 01 j 02:50 0°**)**€ -1204 Dec 01 j 15:52 0°×7 -1208 Apr 01 j 00:46 $0^{\circ}\Upsilon$ -1204 Dec 31 j 03:25 0°정 -1208 May 02 j 09:00 0°8 -1203 Jan 29 j 23:31 0°≈ max. Earth dist. -1208 May 22 j 15:08 19°**8**16'25 1.01793 AU -1203 Mar 01 j 08:08 0°**)**€ -1208 Jun 02 j 21:39 Π $^{\circ}0$ -1203 Apr 01 j 05:59 $0^{\circ}\Upsilon$ -1208 Jul 04 j 07:26 0ಂತಾ -1203 May 02 j 14:12 0°8 -1208 Aug 04 j 08:00 $0^{\circ}\Omega$ max. Earth dist. -1203 May 23 j 02:04 19°830'08 1.01791 AU -1208 Sep 03 i 19:39 0° m -1203 Jun 03 i 02:51 $\Pi^{\circ}0$ -1208 Oct 03 j 18:17 0∘**⊽** -1203 Jul 04 i 12:41 0ಂತಾ -1208 Nov 02 j 07:13 0°M -1203 Aug 04 j 13:16 $0^{\circ}\Omega$ min. Earth dist. -1208 Nov 19 j 23:05 18°ML02'03 0.98207 AU -1203 Sep 04 j 00:56 0° m -1208 Dec 01 j 16:09 -1203 Oct 03 j 23:36 0°×7 0∘Ω -1208 Dec 31 j 03:40 0°る -1203 Nov 02 j 12:34 o°m. -1203 Nov 19 j 05:45 -1207 Jan 29 j 23:48 0°≈≈ min. Earth dist. 17°M03'57 0.98209 AU 0°**₩** -1207 Mar 01 j 08:31 -1203 Dec 01 j 21:33 0°**∡**¹ $0^{\circ}\Upsilon$ -1207 Apr 01 j 06:30 -1203 Dec 31 j 09:06 0°ಕ -1207 May 02 j 14:49 0°8 -1202 Jan 30 j 05:16 0°≈ -1207 May 20 j 21:02 17°**8**22'39 1.01797 AU -1202 Mar 01 j 13:56 0°)(max. Earth dist. -1207 Jun 03 j 03:33 -1202 Apr 01 j 11:51 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1207 Jul 04 j 13:24 0ಂತಾ -1202 May 02 j 20:07 0° 8 -1202 May 22 j 00:59 -1207 Aug 04 j 13:59 0 \circ Ω max. Earth dist. 18°**8**16'26 1.01795 AU -1207 Sep 04 j 01:38 0° M -1202 Jun 03 j 08:47 $0^{\circ}\Pi$ -1207 Oct 04 j 00:17 0∘**⊽** -1202 Jul 04 j 18:37 0 \circ \odot -1207 Nov 02 j 13:14 0° M -1202 Aug 04 j 19:12 $0^{\circ}\Omega$ min. Earth dist. -1207 Nov 21 j 05:34 19°ML04'50 0.98202 AU -1202 Sep 04 j 06:52 -1207 Dec 01 j 22:09 0°⊀ -1202 Oct 04 j 05:34 0∘**⊽** -1207 Dec 31 j 09:40 0°ರ -1202 Nov 02 j 18:34 -1206 Jan 30 j 05:47 -1202 Nov 21 j 19:25 19°M26'33 0.98209 AU 0°≈ min. Earth dist. 0°**)**€ -1202 Dec 02 j 03:32 -1206 Mar 01 j 14:28 0°×7 $0^{\circ}\Upsilon$ -1202 Dec 31 j 15:05 -1206 Apr 01 j 12:26 -1206 May 02 j 20:45 0°8 -1201 Jan 30 j 11:14 max. Earth dist. -1206 May 22 j 07:06 18°**8**29'32 1.01790 AU -1201 Mar 01 i 19:54 0°**∀** -1206 Jun 03 i 09:25 $0^{\circ}II$ -1201 Apr 01 i 17:47 $0^{\circ}\Upsilon$ -1206 Jul 04 i 19:11 0ಂತಾ -1201 May 03 j 01:59 0°8 -1206 Aug 04 j 19:42 $0^{\circ}\Omega$ max. Earth dist. -1201 May 21 j 05:45 17°**8**17'06 1.01786 AU -1206 Sep 04 j 07:19 0° m -1201 Jun 03 j 14:35 0°π -1206 Oct 04 j 06:00 -1201 Jul 05 j 00:21 0ಂತಾ 0∘ଫ -1206 Nov 02 j 19:00 o°m. -1201 Aug 05 j 00:53 $0^{\circ}\Omega$ 17°M12'51 0.98207 AU min Earth dist -1206 Nov 19 j 15:39 -1201 Sep 04 j 12:34 0° m -1206 Dec 02 j 03:58 0°×7 -1201 Oct 04 j 11:18 0∘ಹ -1206 Dec 31 j 15:32 0°ರ -1201 Nov 03 j 00:22 0° M -1205 Jan 30 j 11:39 0°≈ min. Earth dist. -1201 Nov 20 j 16:46 18°ML03'23 0.98207 AU 0°**)**€ 0°×7 -1205 Mar 01 j 20:19 -1201 Dec 02 j 09:23 $0^{\circ}\Upsilon$ 0°ರ -1205 Apr 01 j 18:15 -1201 Dec 31 j 20:56 -1205 May 03 j 02:32 0°8 -1200 Jan 30 j 17:03 0°≈ 0°**)**€ max. Earth dist. -1205 May 22 j 20:41 18°**8**47'53 1.01795 AU -1200 Mar 01 j 01:40 $0^{\circ}\Upsilon$ -1205 Jun 03 j 15:13 Π $^{\circ}0$ -1200 Mar 31 j 23:31 -1205 Jul 05 j 01:01 0 \circ \odot -1200 May 02 j 07:43 0°8 -1205 Aug 05 j 01:33 0° Ω max. Earth dist. -1200 May 22 j 19:11 19°**8**29'12 1.01790 AU -1205 Sep 04 j 13:12 0° m -1200 Jun 02 j 20:19 $0^{\circ}\Pi$ -1205 Oct 04 j 11:53 0∘**⊽** -1200 Jul 04 j 06:06 0 \circ \odot $0^{\circ}\Omega$ -1205 Nov 03 j 00:56 -1200 Aug 04 j 06:40

19°ML13'02 0.98212 AU

-1200 Sep 03 j 18:21

0° M

min. Earth dist.

-1205 Nov 21 j 20:34

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 22 Attention, astronomical year style is used: The year -1200 in astronomical counting style is the year 1201 BCE in historical counting style. -1200 Oct 03 j 17:04 0∘**⊽** -1195 Jul 04 j 11:06 0ಂತಾ -1200 Nov 02 j 06:06 -1195 Aug 04 j 11:44 oom. $0^{\circ}\Omega$ -1195 Sep 03 j 23:27 min Earth dist -1200 Nov 19 j 15:19 17°M44'56 0.98211 AU 0° m -1200 Dec 01 j 15:05 0°×7 -1195 Oct 03 j 22:11 0∘Ω 0° M -1200 Dec 31 j 02:37 0°궁 -1195 Nov 02 j 11:11 -1199 Jan 29 j 22:43 0°≈ min. Earth dist. -1195 Nov 19 j 08:52 17°M15'28 0.98206 AU -1199 Mar 01 j 07:20 0°**)** -1195 Dec 01 j 20:07 0°⊀ 0° -1199 Apr 01 j 05:14 -1195 Dec 31 j 07:36 0°궁 -1199 May 02 j 13:30 0° 8 -1194 Jan 30 j 03:39 0°≈ max. Earth dist. -1199 May 21 j 03:56 17°**8**42'11 1.01796 AU -1194 Mar 01 j 12:15 0°**)**€ $0^{\circ}\Upsilon$ -1199 Jun 03 j 02:13 $0^{\circ}\Pi$ -1194 Apr 01 j 10:07 -1199 Jul 04 j 12:03 0ಂತಾ -1194 May 02 j 18:23 0°8 -1199 Aug 04 j 12:38 0° Ω max. Earth dist. -1194 May 22 j 09:07 18°**8**39'48 1.01797 AU -1199 Sep 04 j 00:18 0° m -1194 Jun 03 j 07:05 $0^{\circ}\Pi$ -1199 Oct 03 j 22:59 0∘**⊽** -1194 Jul 04 j 16:56 0ಂತಾ -1199 Nov 02 j 12:00 0°M -1194 Aug 04 j 17:34 $0^{\circ}\Omega$ min. Earth dist. -1199 Nov 21 j 10:41 19°M20'59 0.98207 AU -1194 Sep 04 j 05:18 0° m -1199 Dec 01 j 20:59 0°×7 -1194 Oct 04 j 04:03 0°Ω -1199 Dec 31 j 08:31 0°궁 -1194 Nov 02 j 17:06 0°M -1198 Jan 30 j 04:38 0°≈ min. Earth dist. -1194 Nov 21 j 21:14 19°M34'52 0.98210 AU -1198 Mar 01 j 13:15 0°**∀** -1194 Dec 02 j 02:04 0°**∡**7 -1198 Apr 01 j 11:09 $0^{\circ}\Upsilon$ -1194 Dec 31 i 13:34 0°궁 -1198 May 02 j 19:24 0°8 -1193 Jan 30 i 09:37 0°≈ max. Earth dist. -1198 May 21 j 19:47 18°**と**05'57 1.01789 AU -1193 Mar 01 j 18:10 0°**∀** -1198 Jun 03 j 08:03 $0^{\circ}\Pi$ -1193 Apr 01 j 15:59 $0^{\circ}\Upsilon$ -1198 Jul 04 j 17:50 -1193 May 03 j 00:11 000 0°X -1193 May 21 j 04:16 -1198 Aug 04 j 18:22 $0^{\circ}\Omega$ max Earth dist 17°**8**17'50 1.01789 AU 0° My -1198 Sep 04 j 05:59 -1193 Jun 03 j 12:49 $0^{\circ}\Pi$ -1198 Oct 04 j 04:39 0∘ഹ -1193 Jul 04 j 22:39 0ംഉ -1193 Aug 04 j 23:15 -1198 Nov 02 j 17:40 0°M 0 \circ Ω -1198 Nov 19 j 17:56 17°M22'06 0.98208 AU -1193 Sep 04 j 11:00 min. Earth dist. 0° m -1198 Dec 02 j 02:40 -1193 Oct 04 j 09:47 0°**∡** 0ಂ⊽ 0°궁 -1193 Nov 02 j 22:53 -1198 Dec 31 j 14:15 0°M -1193 Nov 21 j 01:37 -1197 Jan 30 j 10:24 0°≈ min. Earth dist. 18°M29'45 0.98208 AU 0°**∀** -1197 Mar 01 j 19:02 -1193 Dec 02 j 07:56 0°**⊼** $0^{\circ}\Upsilon$ -1197 Apr 01 j 16:54 -1193 Dec 31 j 19:28 0°궁 -1197 May 03 j 01:07 0°8 -1192 Jan 30 j 15:31 0°≈ max. Earth dist. -1197 May 23 j 05:08 19°**8**11'23 1.01794 AU -1192 Mar 01 j 00:01 0°**)**€ -1197 Jun 03 j 13:46 $0^{\circ}II$ -1192 Mar 31 j 21:47 $0^{\circ}\Upsilon$ -1197 Jul 04 j 23:35 0ಂತಾ -1192 May 02 j 05:55 0°8 -1197 Aug 05 j 00:10 $0^{\circ}\Omega$ max. Earth dist. -1192 May 23 j 01:13 19°847'52 1.01790 AU -1197 Sep 04 j 11:50 -1192 Jun 02 j 18:31 0° m $0^{\circ}\Pi$ -1197 Oct 04 j 10:31 -1192 Jul 04 j 04:21 0∘**⊽** -1197 Nov 02 j 23:32 0°M -1192 Aug 04 j 05:01 0° Ω 18°ML46'56 0.98211 AU min. Earth dist. -1197 Nov 21 j 08:58 -1192 Sep 03 j 16:46 0° M -1197 Dec 02 i 08:30 0°**∡**′ -1192 Oct 03 i 15:32 0∘**⊽** -1197 Dec 31 i 20:02 0°정 -1192 Nov 02 i 04:36 0°M -1196 Jan 30 i 16:07 0°≈ min. Earth dist. -1192 Nov 19 i 07:39 17°M29'07 0.98211 AU -1196 Mar 01 j 00:43 0°**)**€ -1192 Dec 01 i 13:35 0°×7 $0^{\circ}\Upsilon$ -1192 Dec 31 j 01:07 0°궁 -1196 Mar 31 j 22:34 -1191 Jan 29 j 21:10 -1196 May 02 j 06:48 0°X 0°≈≈ max. Earth dist. 0°**₩** -1196 May 20 j 13:21 17°**8**23'36 1.01793 AU -1191 Mar 01 j 05:42 $0^{\circ}\Upsilon$ -1196 Jun 02 j 19:28 $0^{\circ}\Pi$ -1191 Apr 01 j 03:30 -1196 Jul 04 j 05:21 0°9 -1191 May 02 j 11:42 0°8 -1196 Aug 04 j 06:00 0° Ω max. Earth dist. -1191 May 21 j 14:56 18°**8**12'35 1.01795 AU -1196 Sep 03 j 17:45 0° M -1191 Jun 03 j 00:23 $0^{\circ}\Pi$ 0∘**⊽** -1191 Jul 04 j 10:16 0°9 -1196 Oct 03 j 16:28 -1196 Nov 02 j 05:29 0°M -1191 Aug 04 j 10:58 0 $^{\circ}$ Ω 19°ML02'18 0.98203 AU min. Earth dist. -1196 Nov 20 j 20:51 -1191 Sep 03 j 22:44 0° m -1196 Dec 01 j 14:25 0° **₹** -1191 Oct 03 j 21:30 0∘**⊽** -1196 Dec 31 j 01:54 0°궁 -1191 Nov 02 j 10:32 0°M -1195 Jan 29 j 21:57 0°≈ min. Earth dist. -1191 Nov 21 j 15:03 19°M35'56 0.98207 AU -1195 Mar 01 j 06:32 0°**)** -1191 Dec 01 j 19:30 0°**∡**7 -1195 Apr 01 j 04:23 0° γ -1191 Dec 31 j 07:01 0°궁 -1195 May 02 j 12:36 0°8 -1190 Jan 30 j 03:05 0°≈ 19°817'51 1.01792 AU 0°**)** max. Earth dist. -1195 May 22 j 19:17 -1190 Mar 01 j 11:41

-1195 Jun 03 j 01:15

 $0^{\circ}\Pi$

 $0^{\circ}\Upsilon$

-1190 Apr 01 j 09:31

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 23

```
Attention, astronomical year style is used: The year -1190 in astronomical counting style is the year 1191 BCE in historical counting style.
                     -1190 May 02 j 17:41
                                               0°8
                                                                                                   -1185 Jan 30 j 08:18
                                                                                                                             0°≈
                     -1190 May 21 j 09:59
                                              17°846'51 1.01787 AU
                                                                                                   -1185 Mar 01 j 16:50
                                                                                                                             0°₩
max Earth dist
                     -1190 Jun 03 j 06:18
                                                                                                                             0^{\circ}\Upsilon
                                               0^{\circ}\Pi
                                                                                                   -1185 Apr 01 j 14:37
                                                                                                                             0^{\circ}8
                     -1190 Jul 04 j 16:05
                                               000
                                                                                                   -1185 May 02 j 22:46
                     -1190 Aug 04 j 16:42
                                               0°\Omega
                                                                              max. Earth dist.
                                                                                                   -1185 May 21 j 05:35
                                                                                                                            17°824'17 1.01790 AU
                     -1190 Sep 04 j 04:26
                                               0° M
                                                                                                   -1185 Jun 03 j 11:25
                                                                                                                             0°II
                     -1190 Oct 04 j 03:13
                                               0∘⊽
                                                                                                   -1185 Jul 04 j 21:18
                                                                                                                             0ಂತಾ
                     -1190 Nov 02 j 16:17
                                               0°M
                                                                                                   -1185 Aug 04 j 21:59
                                                                                                                             0^{\circ}\Omega
                                              17^{\circ}ML49'09 0.98207 AU
min. Earth dist.
                     -1190 Nov 20 j 03:08
                                                                                                   -1185 Sep 04 j 09:46
                                                                                                                             0° m
                     -1190 Dec 02 j 01:17
                                               0°∡¹
                                                                                                   -1185 Oct 04 j 08:34
                                                                                                                             0°Ω
                     -1190 Dec 31 j 12:50
                                               0°ಕ
                                                                                                   -1185 Nov 02 j 21:39
                                                                                                                             0°M
                     -1189 Jan 30 j 08:55
                                               0°≈
                                                                              min. Earth dist.
                                                                                                   -1185 Nov 21 j 08:25
                                                                                                                            18°M50'23 0.98206 AU
                     -1189 Mar 01 j 17:30
                                               0°)€
                                                                                                   -1185 Dec 02 j 06:39
                                                                                                                             0°∡7
                     -1189 Apr 01 j 15:20
                                               0^{\circ}\Upsilon
                                                                                                   -1185 Dec 31 j 18:10
                                                                                                                             0°정
                     -1189 May 02 j 23:29
                                               0°8
                                                                                                   -1184 Jan 30 j 14:12
                                                                                                                             0°≈
max. Earth dist.
                     -1189 May 23 j 11:00
                                              19°829'18 1.01790 AU
                                                                                                   -1184 Feb 29 j 22:42
                                                                                                                             0°)€
                     -1189 Jun 03 j 12:05
                                               0^{\circ}\Pi
                                                                                                   -1184 Mar 31 j 20:27
                                                                                                                             0^{\circ}\Upsilon
                     -1189 Jul 04 j 21:53
                                               0ಂತಾ
                                                                                                   -1184 May 02 j 04:34
                                                                                                                             0°8
                     -1189 Aug 04 j 22:30
                                               0^{\circ}\Omega
                                                                              max. Earth dist.
                                                                                                   -1184 May 23 j 01:05
                                                                                                                            19°850'47 1.01790 AU
                     -1189 Sep 04 j 10:15
                                               0° M
                                                                                                   -1184 Jun 02 j 17:11
                                                                                                                             \Pi°0
                     -1189 Oct 04 j 09:03
                                               0∘⊽
                                                                                                   -1184 Jul 04 j 03:03
                                                                                                                             0ಂತಾ
                     -1189 Nov 02 j 22:09
                                               0°M
                                                                                                   -1184 Aug 04 i 03:46
                                                                                                                             0^{\circ}\Omega
min. Earth dist.
                     -1189 Nov 21 i 02:57
                                              18°M34'58 0.98212 AU
                                                                                                   -1184 Sep 03 i 15:36
                                                                                                                             0° m
                     -1189 Dec 02 i 07:09
                                               0°∡¹
                                                                                                   -1184 Oct 03 j 14:24
                                                                                                                             0∘⊽
                     -1189 Dec 31 j 18:39
                                               0°ರ
                                                                                                   -1184 Nov 02 i 03:27
                                                                                                                             0°M
                     -1188 Jan 30 j 14:41
                                                                                                   -1184 Nov 19 j 06:05
                                               0°≈≈
                                                                              min. Earth dist.
                                                                                                                            17°M28'04 0.98206 AU
                     -1188 Feb 29 j 23:12
                                               0°₩
                                                                                                   -1184 Dec 01 j 12:24
                                                                                                                             0°×7
                                               0^{\circ}\Upsilon
                                                                                                   -1184 Dec 30 j 23:51
                                                                                                                             0°₹
                     -1188 Mar 31 j 21:01
                     -1188 May 02 j 05:13
                                               0°8
                                                                                                   -1183 Jan 29 j 19:50
                                                                                                                             0°≈≈
                     -1188 May 20 j 17:16
                                                                                                   -1183 Mar 01 j 04:20
max. Earth dist.
                                              17°836'39 1.01793 AU
                                                                                                                             0° <del>)(</del>
                     -1188 Jun 02 j 17:53
                                               0^{\circ}\Pi
                                                                                                   -1183 Apr 01 j 02:07
                                                                                                                             0^{\circ}\Upsilon
                     -1188 Jul 04 j 03:45
                                               0°9
                                                                                                   -1183 May 02 j 10:19
                                                                                                                             0°8
                     -1188 Aug 04 j 04:25
                                               0°\Omega
                                                                              max. Earth dist.
                                                                                                   -1183 May 21 j 22:36
                                                                                                                            18°834'04 1.01797 AU
                     -1188 Sep 03 j 16:12
                                                                                                   -1183 Jun 02 j 23:01
                                               0° M
                                                                                                                             0^{\circ}\Pi
                     -1188 Oct 03 j 15:01
                                               0∘⊽
                                                                                                   -1183 Jul 04 j 08:57
                                                                                                                             0ಂತಾ
                     -1188 Nov 02 j 04:06
                                               0^{\circ}M
                                                                                                   -1183 Aug 04 j 09:41
                                                                                                                             0\circ\Omega
min. Earth dist.
                     -1188 Nov 21 j 05:33
                                             19°M27'58 0.98207 AU
                                                                                                   -1183 Sep 03 j 21:33
                                                                                                                             0° m
                     -1188 Dec 01 j 13:07
                                               0°∡¹
                                                                                                   -1183 Oct 03 j 20:23
                                                                                                                             0∘⊽
                     -1188 Dec 31 j 00:36
                                               0°ರ
                                                                                                   -1183 Nov 02 j 09:27
                                                                                                                             0^{\circ}M
                     -1187 Jan 29 j 20:37
                                               0°≈
                                                                              min. Earth dist.
                                                                                                   -1183 Nov 21 j 20:53
                                                                                                                            19°M53'34 0.98206 AU
                     -1187 Mar 01 j 05:08
                                               0°)€
                                                                                                   -1183 Dec 01 j 18:24
                                                                                                                             0°⊼
                     -1187 Apr 01 j 02:55
                                               0^{\circ}\Upsilon
                                                                                                   -1183 Dec 31 j 05:50
                                                                                                                             0°정
                     -1187 May 02 j 11:07
                                               0^{\circ}8
                                                                                                   -1182 Jan 30 j 01:48
                     -1187 May 22 j 09:37
                                              18°858'27 1.01791 AU
max. Earth dist.
                                                                                                   -1182 Mar 01 j 10:18
                                                                                                                             0°\
                     -1187 Jun 02 j 23:47
                                                                                                                             0^{\circ}\Upsilon
                                               0^{\circ}\Pi
                                                                                                   -1182 Apr 01 j 08:06
                     -1187 Jul 04 i 09:38
                                               0ಂತಾ
                                                                                                   -1182 May 02 j 16:17
                                                                                                                             0°8
                     -1187 Aug 04 i 10:17
                                               0^{\circ}\Omega
                                                                              max. Earth dist.
                                                                                                   -1182 May 21 j 02:04
                                                                                                                            17°831'21 1.01790 AU
                     -1187 Sep 03 i 22:01
                                               0° m
                                                                                                   -1182 Jun 03 i 04:56
                                                                                                                             0^{\circ}II
                     -1187 Oct 03 j 20:46
                                               0∘⊽
                                                                                                   -1182 Jul 04 j 14:47
                                                                                                                             0ಂತಾ
                     -1187 Nov 02 j 09:49
                                               0°M
                                                                                                   -1182 Aug 04 j 15:27
                                                                                                                             0^{\circ}\Omega
                                             17°M21'49 0.98208 AU
                                                                                                   -1182 Sep 04 j 03:15
min Earth dist
                     -1187 Nov 19 j 10:00
                                                                                                                             0° m
                                              0°×7
                                                                                                   -1182 Oct 04 j 02:06
                     -1187 Dec 01 j 18:49
                                                                                                                             0∘Ω
                                               0°る
                                                                                                                             0^{\circ}M
                     -1187 Dec 31 j 06:20
                                                                                                   -1182 Nov 02 j 15:14
                     -1186 Jan 30 j 02:22
                                               0°≈
                                                                              min. Earth dist.
                                                                                                   -1182 Nov 20 j 13:36
                                                                                                                            18°ML18'34 0.98207 AU
                     -1186 Mar 01 j 10:55
                                               0°)€
                                                                                                   -1182 Dec 02 j 00:15
                                                                                                                             0°×7
                                               0^{\circ}\Upsilon
                     -1186 Apr 01 j 08:44
                                                                                                                             0°정
                                                                                                   -1182 Dec 31 j 11:45
                                               0°8
                                                                                                   -1181 Jan 30 j 07:44
                                                                                                                             0°≈
                     -1186 May 02 j 16:56
                                              19°805'55 1.01796 AU
                                                                                                                             0°\
max. Earth dist.
                     -1186 May 22 j 18:40
                                                                                                   -1181 Mar 01 j 16:12
                                                                                                                             0^{\circ}\Upsilon
                     -1186 Jun 03 j 05:38
                                              0^{\circ}\Pi
                                                                                                   -1181 Apr 01 j 13:55
                     -1186 Jul 04 j 15:32
                                               0ಂತಾ
                                                                                                   -1181 May 02 j 22:03
                                                                                                                             0°8
                     -1186 Aug 04 j 16:11
                                               0\circ\Omega
                                                                              max. Earth dist.
                                                                                                   -1181 May 23 j 17:49
                                                                                                                            19°848'55 1.01792 AU
                     -1186 Sep 04 j 03:56
                                               0° m
                                                                                                   -1181 Jun 03 j 10:40
                                                                                                                             0^{\circ}\Pi
                     -1186 Oct 04 j 02:41
                                               0∘⊽
                                                                                                   -1181 Jul 04 j 20:31
                                                                                                                             0\circ\odot
                     -1186 Nov 02 j 15:44
                                               0°M
                                                                                                   -1181 Aug 04 j 21:12
                                                                                                                             0\circ\Omega
min. Earth dist.
                     -1186 Nov 21 j 12:38
                                              19°Mപ16'17 0.98211 AU
                                                                                                   -1181 Sep 04 j 09:01
                                                                                                                             0° m
                                               0°×7
                                                                                                   -1181 Oct 04 j 07:53
                                                                                                                             0∘ত
                     -1186 Dec 02 j 00:43
                                               0°₹
                                                                                                                             0°M
                     -1186 Dec 31 j 12:14
                                                                                                   -1181 Nov 02 j 21:02
```

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 24

-	iomena of Sun from		• /			page 2	4
	nical year style is used: Th	-		inting style is the year			
min. Earth dist.	-1181 Nov 20 j 17:43		0.98214 AU		-1176 Sep 03 j 14:00	0° Mp	
	-1181 Dec 02 j 06:04	0° ∡ ¹			-1176 Oct 03 j 12:52	0° ™	
	-1181 Dec 31 j 17:33	5°0		t man at the	-1176 Nov 02 j 02:00	0°M	0.00010.177
	-1180 Jan 30 j 13:31	0° ≈		min. Earth dist.	-1176 Nov 19 j 06:21	17°M32'22	0.98210 AU
	-1180 Feb 29 j 21:56	0° \			-1176 Dec 01 j 11:00	0° ⊼	
	-1180 Mar 31 j 19:37	0° Υ			-1176 Dec 30 j 22:29	0° ට	
P. J. P.	-1180 May 02 j 03:44	0°8	1.01504.477		-1175 Jan 29 j 18:26	0° ≈	
max. Earth dist.	-1180 May 21 j 04:23	18° 8 06'36	1.01794 AU		-1175 Mar 01 j 02:53	0° ∀	
	-1180 Jun 02 j 16:23	0°II			-1175 Apr 01 j 00:36	0° Υ	
	-1180 Jul 04 j 02:19	0°©			-1175 May 02 j 08:45	0° 8	
	-1180 Aug 04 j 03:05	0°O		max. Earth dist.	-1175 May 22 j 06:07	18° 8 55'38	1.01796 AU
	-1180 Sep 03 j 14:58	0° m/			-1175 Jun 02 j 21:26	0° Ⅱ	
	-1180 Oct 03 j 13:50	0∘ ⊽			-1175 Jul 04 j 07:21	0°©	
i matri	-1180 Nov 02 j 02:57	0°M	0.00200 411		-1175 Aug 04 j 08:05	$\Omega^{\circ}\Omega$	
min. Earth dist.	-1180 Nov 21 j 11:32	19°M46'10	0.98209 AU		-1175 Sep 03 j 19:55	0° Т)	
	-1180 Dec 01 j 11:58	0° ∡			-1175 Oct 03 j 18:45	0∘ ⊽	
	-1180 Dec 30 j 23:28	0° ට		t man at the	-1175 Nov 02 j 07:51	0°M	0.00010.177
	-1179 Jan 29 j 19:27	0° ≈		min. Earth dist.	-1175 Nov 21 j 17:56	19°M49'59	0.98210 AU
	-1179 Mar 01 j 03:53	0°) €			-1175 Dec 01 j 16:51	0° ∡	
	-1179 Apr 01 j 01:34	0°Υ			-1175 Dec 31 j 04:20	5°0	
E d F	-1179 May 02 j 09:40	0°8	1.01700.411		-1174 Jan 30 j 00:18	0° ≈	
max. Earth dist.	-1179 May 22 j 03:47	18° 8 48'13	1.01788 AU		-1174 Mar 01 j 08:46	0°) €	
	-1179 Jun 02 j 22:17	0°II			-1174 Apr 01 j 06:31	$^{\circ \gamma}$	
	-1179 Jul 04 j 08:09	0°©		E d Ed	-1174 May 02 j 14:40	0°8	1.01700 ATT
	-1179 Aug 04 j 08:52	0° N		max. Earth dist.	-1174 May 20 j 22:56	17° 8 27'47	1.01790 AU
	-1179 Sep 03 j 20:43	0° m/			-1174 Jun 03 j 03:19	0°II	
	-1179 Oct 03 j 19:33	0∘ ⊽			-1174 Jul 04 j 13:12	0° ©	
· E d l' d	-1179 Nov 02 j 08:39	0°M	0.00200 ATT		-1174 Aug 04 j 13:53	0° N	
min. Earth dist.	-1179 Nov 19 j 15:33	17°M39'03	0.98208 AU		-1174 Sep 04 j 01:41	0° Т)	
	-1179 Dec 01 j 17:38	0° ∡			-1174 Oct 04 j 00:30	0∘ ⊽	
	-1179 Dec 31 j 05:08 -1178 Jan 30 j 01:09	0°る 0°≈		min. Earth dist.	-1174 Nov 02 j 13:37 -1174 Nov 20 j 17:54	0° ጤ 18° ጤ 33'47	0.98207 AU
	-1178 Mar 01 j 09:39	0° ∺		IIIII. Eartii tist.	-1174 Nov 20 j 17.34 -1174 Dec 01 j 22:38	0° × 7	0.98207 AU
	-1178 Apr 01 j 07:23	0° Υ			-1174 Dec 31 j 10:08	0°ਤ ਹ ×	
	-1178 May 02 j 15:29	0°8			-1174 Dec 31 j 10:08 -1173 Jan 30 j 06:08	0°≈	
max. Earth dist.	-1178 May 23 j 04:04	19° 8 31'49	1.01792 AU		-1173 Mar 01 j 14:36	0° ℋ	
max. Latin dist.	-1178 Jun 03 j 04:06	0°II	1.017,2110		-1173 Apr 01 j 12:18	0°Υ	
	-1178 Jul 04 j 13:58	0°©			-1173 May 02 j 20:25	0°8	
	-1178 Aug 04 j 14:40	$0 {\circ} \Omega$		max. Earth dist.	-1173 May 23 j 20:34		1.01791 AU
	-1178 Sep 04 j 02:31	0° m)		man. Darur dige.	-1173 Jun 03 j 09:01	0°Ⅱ	1.01731110
	-1178 Oct 04 j 01:22	0∘ <mark>ಹ</mark>			-1173 Jul 04 j 18:54	0 . ಅ	
	-1178 Nov 02 j 14:29	0° M			-1173 Aug 04 j 19:38	0°N	
min. Earth dist.	-1178 Nov 21 j 08:15	19°ML08'10	0.98213 AU		-1173 Sep 04 j 07:29	0° mp	
	-1178 Dec 01 j 23:29	0° ∡ ¹			-1173 Oct 04 j 06:20	0∘ ⊽	
	-1178 Dec 31 j 10:59	0°ರ			-1173 Nov 02 j 19:26	0°M	
	-1177 Jan 30 j 07:00	0° ≈		min. Earth dist.	-1173 Nov 20 j 06:18	17° M 49'04	0.98209 AU
	-1177 Mar 01 j 15:29	0° ∀			-1173 Dec 02 j 04:25	0° ∡ ¹	
	-1177 Apr 01 j 13:12	$0^{\circ}\mathbf{\Upsilon}$			-1173 Dec 31 j 15:52	0°ರ	
	-1177 May 02 j 21:18	9° 8			-1172 Jan 30 j 11:48	0° ≈	
max. Earth dist.	-1177 May 21 j 07:16	17° 8 31'52	1.01787 AU		-1172 Feb 29 j 20:13	0°)	
	-1177 Jun 03 j 09:53	$\Pi^{\circ}0$			-1172 Mar 31 j 17:54	$0^{\circ}\mathbf{\Upsilon}$	
	-1177 Jul 04 j 19:42	0ංම			-1172 May 02 j 02:02	9° 8	
	-1177 Aug 04 j 20:24	$0^{\circ}\Omega$		max. Earth dist.	-1172 May 21 j 11:31	18° 8 27'31	1.01796 AU
	-1177 Sep 04 j 08:16	0° m			-1172 Jun 02 j 14:42	$\Pi^{\circ}0$	
	-1177 Oct 04 j 07:10	0∘ ⊽			-1172 Jul 04 j 00:41	0°€	
	-1177 Nov 02 j 20:20	0°M₊			-1172 Aug 04 j 01:31	$0^{\circ}\Omega$	
min. Earth dist.	-1177 Nov 21 j 19:21	19°M21'39	0.98209 AU		-1172 Sep 03 j 13:27	0° m	
	-1177 Dec 02 j 05:23	0° ∡ ¹			-1172 Oct 03 j 12:21	0∘ ত	
	-1177 Dec 31 j 16:53	0°ප			-1172 Nov 02 j 01:28	0° M	
	-1176 Jan 30 j 12:51	0° ≈		min. Earth dist.	-1172 Nov 21 j 16:40	20°M03'14	0.98204 AU
	-1176 Feb 29 j 21:18	0° ℋ			-1172 Dec 01 j 10:24	0°⊀	
	-1176 Mar 31 j 18:59	0° Y			-1172 Dec 30 j 21:48	0°ප	
	-1176 May 02 j 03:04	$_{0\circ}$ 8			-1171 Jan 29 j 17:42	0° ≈	
max. Earth dist.	-1176 May 22 j 18:05	19° 8 37'49	1.01786 AU		-1171 Mar 01 j 02:06	0° ∀	
	-1176 Jun 02 j 15:39	$\Pi^{\circ}0$			-1171 Mar 31 j 23:48	0° Υ	
	-1176 Jul 04 j 01:28	0 _ං ව			-1171 May 02 j 07:56	0°8	
	-1176 Aug 04 j 02:09	0 $^{\circ}$ Ω		max. Earth dist.	-1171 May 21 j 13:31	18° 8 18'22	1.01792 AU

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 25 Attention, astronomical year style is used: The year -1171 in astronomical counting style is the year 1172 BCE in historical counting style. -1171 Jun 02 j 20:36 $0^{\circ}\Pi$ -1166 Apr 01 j 05:10 $0^{\circ}\Upsilon$ -1171 Jul 04 j 06:32 -1166 May 02 j 13:14 0°8 000 17°**8**37'02 1.01787 AU -1171 Aug 04 j 07:19 $0^{\circ}\Omega$ -1166 May 21 j 01:21 max. Earth dist. -1171 Sep 03 j 19:14 0° M -1166 Jun 03 j 01:49 $0^{\circ}\Pi$ 0ಂತಾ -1171 Oct 03 j 18:07 0∘ଫ -1166 Jul 04 j 11:42 -1171 Nov 02 j 07:14 0°M -1166 Aug 04 j 12:28 $0^{\circ}\Omega$ min. Earth dist. -1171 Nov 20 j 01:14 18°ML07'26 0.98203 AU -1166 Sep 04 j 00:23 0° m -1171 Dec 01 j 16:12 0° ⊀ -1166 Oct 03 j 23:20 0∘ಹ -1171 Dec 31 j 03:36 ਾਤ -1166 Nov 02 j 12:32 0°M -1170 Jan 29 j 23:30 0°≈ min. Earth dist. -1166 Nov 21 j 05:05 19°ML05'06 0.98208 AU -1170 Mar 01 j 07:54 0°**)**€ -1166 Dec 01 j 21:34 0°**∡**7 $0^{\circ}\Upsilon$ -1170 Apr 01 j 05:36 -1166 Dec 31 j 09:03 0°ಕ -1170 May 02 j 13:44 0°8 -1165 Jan 30 j 05:01 0°≈ max. Earth dist. -1170 May 23 j 10:27 19°**8**51'06 1.01795 AU -1165 Mar 01 j 13:25 0°**)**€ -1170 Jun 03 j 02:24 $0^{\circ}\Pi$ -1165 Apr 01 j 11:04 $0^{\circ}\Upsilon$ -1170 Jul 04 j 12:20 0ಂತಾ -1165 May 02 j 19:06 0°8 -1170 Aug 04 j 13:07 $0^{\circ}\Omega$ max. Earth dist. -1165 May 23 j 20:39 20°**8**02'51 1.01786 AU -1170 Sep 04 j 01:02 0° M -1165 Jun 03 j 07:39 Π °0 -1170 Oct 03 j 23:58 0∘**⊽** -1165 Jul 04 j 17:30 0ಂತಾ -1170 Nov 02 j 13:08 0°M -1165 Aug 04 j 18:14 $0^{\circ}\Omega$ min. Earth dist. -1170 Nov 21 j 03:04 18°M58'17 0.98212 AU -1165 Sep 04 j 06:10 0° m -1170 Dec 01 i 22:08 0°**∡**¹ -1165 Oct 04 i 05:08 0∘**⊽** -1170 Dec 31 j 09:35 0°₹ -1165 Nov 02 j 18:21 0°M -1169 Jan 30 i 05:29 0°≈ min. Earth dist. -1165 Nov 20 i 06:39 17°ML52'37 0.98212 AU -1169 Mar 01 j 13:49 0°**)**€ -1165 Dec 02 j 03:23 0°×7 -1169 Apr 01 j 11:27 $0^{\circ}\Upsilon$ -1165 Dec 31 j 14:50 0°궁 -1169 May 02 j 19:31 -1164 Jan 30 j 10:43 0°8 0°≈≈ -1169 May 21 j 15:17 -1164 Feb 29 j 19:03 max. Earth dist. 17°**8**55'05 1.01791 AU 0° H -1169 Jun 03 j 08:10 -1164 Mar 31 j 16:41 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1169 Jul 04 j 18:06 0°9 -1164 May 02 j 00:45 0°8 -1169 Aug 04 j 18:54 0° Ω max. Earth dist. -1164 May 21 j 18:55 18°**8**48'10 1.01794 AU 0°M) -1169 Sep 04 j 06:51 -1164 Jun 02 j 13:23 $0^{\circ}\Pi$ -1169 Oct 04 j 05:49 0∘ଫ -1164 Jul 03 j 23:20 0ಂಪ -1169 Nov 02 j 19:02 0°M -1164 Aug 04 j 00:09 0 \circ Ω min. Earth dist. -1169 Nov 22 j 04:38 19°M48'40 0.98210 AU -1164 Sep 03 j 12:07 0° m -1169 Dec 02 j 04:05 0°**∡** -1164 Oct 03 j 11:06 0∘ଫ 0°궁 -1169 Dec 31 j 15:34 -1164 Nov 02 j 00:17 0°M -1168 Jan 30 j 11:28 0°**≈** min. Earth dist. -1164 Nov 21 j 20:20 20°M15'25 0.98210 AU -1168 Feb 29 j 19:48 0°**)**€ -1164 Dec 01 j 09:19 0°**⊼** -1168 Mar 31 j 17:22 $0^{\circ}\Upsilon$ -1164 Dec 30 j 20:45 0°ರ -1168 May 02 j 01:23 0° 8 -1163 Jan 29 j 16:38 0°≈ -1168 May 22 j 16:40 -1163 Mar 01 j 00:58 max. Earth dist. 19°**8**38'30 1.01787 AU -1168 Jun 02 j 13:59 -1163 Mar 31 j 22:36 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1168 Jul 03 j 23:54 0ಂತಾ -1163 May 02 j 06:42 0°8 -1168 Aug 04 j 00:42 0° Ω max. Earth dist. -1163 May 21 j 03:56 17°**8**58'36 1.01791 AU -1168 Sep 03 j 12:40 0° m -1163 Jun 02 j 19:21 $0^{\circ}II$ -1168 Oct 03 j 11:36 0∘**⊽** -1163 Jul 04 i 05:17 0ಂತಾ -1168 Nov 02 j 00:46 0°M -1163 Aug 04 i 06:03 $0^{\circ}\Omega$ min. Earth dist. -1168 Nov 19 i 08:53 17° ML42'02 0.98210 AU -1163 Sep 03 j 17:57 0° m -1168 Dec 01 j 09:47 0°**∡**¹ -1163 Oct 03 j 16:52 0∘Ω 0°る -1163 Nov 02 j 06:01 -1168 Dec 30 j 21:15 oom. 18°M24'48 0.98207 AU -1167 Jan 29 j 17:10 0°≈≈ min. Earth dist. -1163 Nov 20 j 06:49 0°**₩** -1167 Mar 01 j 01:32 -1163 Dec 01 j 15:02 0°×7 $0^{\circ}\Upsilon$ -1167 Mar 31 j 23:09 -1163 Dec 31 j 02:30 0°궁 -1167 May 02 j 07:12 0°8 -1162 Jan 29 j 22:25 0°≈ -1167 May 22 j 18:49 19°**8**29'34 1.01793 AU 0°**∀** max. Earth dist. -1162 Mar 01 j 06:47 $0^{\circ}\Pi$ 0° -1167 Jun 02 j 19:50 -1162 Apr 01 j 04:26 -1167 Jul 04 j 05:48 0ಂತಾ -1162 May 02 j 12:30 0°8 -1167 Aug 04 j 06:38 0 \circ Ω max. Earth dist. -1162 May 23 j 15:42 20°**8**06'35 1.01793 AU -1167 Sep 03 j 18:36 0° m -1162 Jun 03 j 01:08 $0^{\circ}\Pi$ -1167 Oct 03 j 17:32 0∘**⊽** -1162 Jul 04 j 11:04 0 \circ \odot -1167 Nov 02 j 06:41 0°M -1162 Aug 04 j 11:52 0 \circ Ω min. Earth dist. -1167 Nov 21 j 15:46 19°M47'20 0.98211 AU -1162 Sep 03 j 23:47 0° m -1167 Dec 01 j 15:41 0°⊀ -1162 Oct 03 j 22:41 0∘**⊽** -1167 Dec 31 j 03:09 0°궁 -1162 Nov 02 j 11:50 0°≈ min. Earth dist. 18°M21'04 0.98212 AU -1166 Jan 29 j 23:05 -1162 Nov 20 j 11:14

-1162 Dec 01 j 20:51

0°**)**€

-1166 Mar 01 j 07:29

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 26 Attention, astronomical year style is used: The year -1162 in astronomical counting style is the year 1163 BCE in historical counting style. -1162 Dec 31 j 08:18 0°ರ -1157 Nov 02 j 16:57 0°M -1161 Jan 30 j 04:14 -1157 Nov 20 j 06:49 0°≈≈ min. Earth dist. 17°M56'38 0.98212 AU -1161 Mar 01 j 12:35 0°**)**€ -1157 Dec 02 j 01:59 0°**∡**¹ $0^{\circ}\Upsilon$ -1161 Apr 01 j 10:11 -1157 Dec 31 j 13:24 0°궁 -1161 May 02 j 18:13 0° 8 -1156 Jan 30 j 09:13 0°≈ max. Earth dist. -1161 May 21 j 22:03 18°**8**14'12 1.01792 AU -1156 Feb 29 j 17:27 0°**∀** $0^{\circ}\Upsilon$ -1161 Jun 03 j 06:51 $0^{\circ}\Pi$ -1156 Mar 31 j 14:57 -1161 Jul 04 j 16:48 0 \circ \odot -1156 May 01 j 22:57 0°8 -1161 Aug 04 j 17:38 0 \circ Ω max. Earth dist. -1156 May 22 j 07:04 19°**8**21'17 1.01795 AU -1161 Sep 04 j 05:37 0° M -1156 Jun 02 j 11:35 Π °0 -1161 Oct 04 j 04:35 0∘**⊽** -1156 Jul 03 j 21:36 0ಂತಾ -1161 Nov 02 j 17:46 0° M -1156 Aug 03 j 22:32 0° Ω min. Earth dist. -1161 Nov 22 j 09:02 20°M03'16 0.98208 AU -1156 Sep 03 j 10:35 0° M -1161 Dec 02 j 02:46 0°**∡**¹ -1156 Oct 03 j 09:37 0∘**⊽** -1161 Dec 31 j 14:12 0°ರ -1156 Nov 01 j 22:50 0°M -1160 Jan 30 j 10:05 0°**≈** min. Earth dist. -1156 Nov 21 j 20:45 20°M20'11 0.98210 AU -1160 Feb 29 j 18:26 0°**)**€ -1156 Dec 01 j 07:51 0°×7 -1160 Mar 31 j 16:01 $0^{\circ}\Upsilon$ -1156 Dec 30 j 19:15 0°정 -1160 May 02 j 00:02 0°8 -1155 Jan 29 j 15:05 0°≈ max. Earth dist. -1160 May 22 j 04:09 19°**8**12'01 1.01787 AU -1155 Feb 28 j 23:21 0°**)**€ -1160 Jun 02 j 12:38 $0^{\circ}\Pi$ -1155 Mar 31 j 20:54 $0^{\circ}\Upsilon$ -1160 Jul 03 j 22:34 0ಂತಾ -1155 May 02 i 04:54 0°8 -1160 Aug 03 j 23:24 $0^{\circ}\Omega$ max. Earth dist. -1155 May 21 j 03:45 18°**8**02'31 1.01790 AU -1160 Sep 03 j 11:25 0° m -1155 Jun 02 j 17:31 $\Pi^{\circ}0$ -1160 Oct 03 j 10:23 0∘**⊽** -1155 Jul 04 j 03:30 0ಂತಾ -1160 Nov 01 j 23:32 -1155 Aug 04 j 04:23 o°m. $0^{\circ}\Omega$ -1160 Nov 19 j 14:17 17°M59'06 0.98205 AU -1155 Sep 03 j 16:25 min Earth dist 0° m -1160 Dec 01 j 08:30 -1155 Oct 03 j 15:25 0°×7 0∘Ω 0°₹ -1160 Dec 30 j 19:52 -1155 Nov 02 j 04:37 0°M. -1155 Nov 20 j 16:29 min. Earth dist. -1159 Jan 29 j 15:42 0°≈ 18°M53'10 0.98206 AU 0°**)**€ -1159 Mar 01 j 00:01 -1155 Dec 01 j 13:37 0°**∡**¹ $0^{\circ}\Upsilon$ -1159 Mar 31 j 21:38 -1155 Dec 31 j 01:02 0°ಕ -1159 May 02 j 05:43 0°8 -1154 Jan 29 j 20:53 0°≈ -1159 May 23 j 01:38 -1154 Mar 01 j 05:11 max. Earth dist. 19°**8**49'14 1.01795 AU 0°**₩** -1159 Jun 02 j 18:22 $0^{\circ}\Pi$ -1154 Apr 01 j 02:45 $0^{\circ}\Upsilon$ -1159 Jul 04 j 04:21 0ಂತಾ -1154 May 02 j 10:45 0° 8 -1159 Aug 04 j 05:13 0 \circ Ω max. Earth dist. -1154 May 23 j 20:29 20°**8**22'14 1.01790 AU -1159 Sep 03 j 17:14 0° M -1154 Jun 02 j 23:20 $\Pi^{\circ}0$ -1159 Oct 03 j 16:13 0∘**⊽** -1154 Jul 04 j 09:16 0ಂತಾ -1159 Nov 02 j 05:24 0° M -1154 Aug 04 j 10:07 $0^{\circ}\Omega$ min. Earth dist. -1159 Nov 21 j 12:12 19°M41'31 0.98209 AU -1154 Sep 03 j 22:09 -1159 Dec 01 j 14:22 -1154 Oct 03 j 21:10 0°×7 -1159 Dec 31 j 01:44 0°る -1154 Nov 02 j 10:24 -1158 Jan 29 j 21:34 -1154 Nov 20 j 07:45 18°ML15'47 0.98212 AU 0°≈ min. Earth dist. 0°**)**€ -1154 Dec 01 j 19:25 -1158 Mar 01 j 05:53 0°**∡**7 $0^{\circ}\Upsilon$ -1158 Apr 01 i 03:30 -1154 Dec 31 i 06:50 0°궁 -1158 May 02 j 11:35 0°8 -1153 Jan 30 i 02:41 0°≈ max. Earth dist. -1158 May 21 j 03:22 17°**8**45'38 1.01792 AU -1153 Mar 01 i 10:57 0°**∀** -1158 Jun 03 j 00:13 $\Pi^{\circ}0$ -1153 Apr 01 j 08:29 $0^{\circ}\Upsilon$ -1158 Jul 04 j 10:10 0ಂತಾ -1153 May 02 j 16:28 0°8 $0^{\circ}\Omega$ -1153 May 22 j 06:10 18°**8**37'43 1.01790 AU -1158 Aug 04 j 10:59 max Earth dist -1153 Jun 03 j 05:03 -1158 Sep 03 j 22:58 0° mb 0°Π -1153 Jul 04 j 14:59 -1158 Oct 03 j 21:58 0∘ଫ 0ംഉ -1158 Nov 02 j 11:12 0°M -1153 Aug 04 j 15:52 0 \circ Ω min. Earth dist. 19°M35'25 0.98208 AU -1153 Sep 04 j 03:56 0° m -1158 Nov 21 j 15:37 -1153 Oct 04 j 03:01 0∘ಹ -1158 Dec 01 j 20:15 0° **₹** 0°궁 -1158 Dec 31 j 07:41 -1153 Nov 02 j 16:18 0°M 20°M27'42 0.98212 AU -1157 Jan 30 j 03:32 0°≈ min. Earth dist. -1153 Nov 22 j 17:11 0°**)**€ -1157 Mar 01 j 11:48 -1153 Dec 02 j 01:22 0° ×7 $0^{\circ}\Upsilon$ 0°ರ -1157 Apr 01 j 09:21 -1153 Dec 31 j 12:48 -1157 May 02 j 17:22 0°8 -1152 Jan 30 j 08:37 0°≈ max. Earth dist. -1157 May 23 j 19:54 20°**8**05'11 1.01788 AU -1152 Feb 29 j 16:52 0°**)**€ -1157 Jun 03 j 05:58 Π °0 -1152 Mar 31 j 14:23 $0^{\circ}\Upsilon$ -1157 Jul 04 j 15:53 0 \circ \odot -1152 May 01 j 22:21 0°8

max. Earth dist.

-1152 May 21 j 16:10

-1152 Jun 02 j 10:56

-1152 Jul 03 j 20:52

18°**8**47'36 1.01785 AU

 $\Pi^{\circ}0$

0ಂತಾ

-1157 Aug 04 j 16:42

-1157 Sep 04 j 04:42

-1157 Oct 04 j 03:42

0° Ω

0° m

0∘**ত**

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 27 Attention, astronomical year style is used: The year -1152 in astronomical counting style is the year 1153 BCE in historical counting style. -1152 Aug 03 j 21:43 $0^{\circ}\Omega$ max. Earth dist. -1147 May 21 j 01:10 17°**8**59'38 1.01793 AU -1152 Sep 03 j 09:46 0°m -1147 Jun 02 j 16:09 Π °0 -1152 Oct 03 j 08:48 -1147 Jul 04 j 02:10 0∘ഹ 0ംഉ $0^{\circ}\Omega$ -1152 Nov 01 j 22:03 oom. -1147 Aug 04 j 03:06 min. Earth dist. -1152 Nov 19 j 21:15 18°ML20'37 0.98208 AU -1147 Sep 03 j 15:11 0° m -1152 Dec 01 j 07:05 0° **₹** -1147 Oct 03 j 14:15 0∘ಹ -1152 Dec 30 j 18:29 0°ಕ -1147 Nov 02 j 03:30 0°M 19°M23'12 0.98205 AU -1151 Jan 29 j 14:18 0°≈ min. Earth dist. -1147 Nov 21 j 03:07 -1151 Feb 28 j 22:33 0°**)** -1147 Dec 01 j 12:30 0°**⊼** $0^{\circ}\Upsilon$ -1151 Mar 31 j 20:05 -1147 Dec 30 j 23:52 0°ರ -1151 May 02 j 04:06 0°8 -1146 Jan 29 j 19:38 0°≈ max. Earth dist. -1151 May 23 j 09:20 20°**8**11'25 1.01793 AU -1146 Mar 01 j 03:51 0°**)**€ $0^{\circ}\Upsilon$ -1151 Jun 02 j 16:44 $0^{\circ}\Pi$ -1146 Apr 01 j 01:23 -1151 Jul 04 j 02:43 0ಂತಾ -1146 May 02 j 09:23 0°8 -1151 Aug 04 j 03:36 $0^{\circ}\Omega$ max. Earth dist. -1146 May 23 j 20:44 20°**8**26'02 1.01791 AU -1151 Sep 03 j 15:38 0° m -1146 Jun 02 j 22:00 $0^{\circ}\Pi$ -1151 Oct 03 j 14:39 0∘**⊽** -1146 Jul 04 j 07:59 0ಂತಾ -1151 Nov 02 j 03:52 0°M -1146 Aug 04 j 08:53 0° Ω min. Earth dist. -1151 Nov 20 j 23:36 19°ML13'03 0.98213 AU -1146 Sep 03 j 20:57 0° m -1151 Dec 01 j 12:54 0°×7 -1146 Oct 03 j 20:02 0°Ω -1151 Dec 31 j 00:19 0°궁 -1146 Nov 02 j 09:19 0°M -1150 Jan 29 i 20:10 0°≈ min. Earth dist. -1146 Nov 20 i 05:15 18°ML12'06 0.98213 AU -1150 Mar 01 i 04:27 0°**)**€ -1146 Dec 01 i 18:22 0°×7 -1150 Apr 01 i 02:01 0° -1146 Dec 31 i 05:46 0°궁 -1150 May 02 j 10:02 0°8 -1145 Jan 30 j 01:32 0°≈ -1150 May 21 j 09:08 18°**8**03'02 1.01791 AU -1145 Mar 01 j 09:43 0°**₩** max. Earth dist. -1150 Jun 02 j 22:39 -1145 Apr 01 j 07:09 $0^{\circ}\Upsilon$ 0°Π -1150 Jul 04 j 08:37 000 -1145 May 02 j 15:05 0°8 -1150 Aug 04 j 09:29 $0^{\circ}\Omega$ max Earth dist -1145 May 22 j 16:58 19°**8**06'34 1.01792 AU -1150 Sep 03 j 21:31 -1145 Jun 03 j 03:41 0° M $0^{\circ}\Pi$ -1150 Oct 03 j 20:31 0∘ଫ -1145 Jul 04 j 13:42 0ಂತಾ -1150 Nov 02 j 09:45 0°M -1145 Aug 04 j 14:39 0° Ω -1150 Nov 21 j 20:50 19°M52'29 0.98209 AU -1145 Sep 04 j 02:46 min. Earth dist. 0° m -1145 Oct 04 j 01:54 -1150 Dec 01 j 18:48 0° **₹** 0∘ଫ 0°궁 -1145 Nov 02 j 15:13 -1150 Dec 31 j 06:15 0°M -1149 Jan 30 j 02:07 0°≈ min. Earth dist. -1145 Nov 22 j 20:18 20°M38'24 0.98213 AU 0°**)**€ -1149 Mar 01 j 10:24 -1145 Dec 02 j 00:18 0°**⊼** -1149 Apr 01 j 07:56 $0^{\circ}\Upsilon$ -1145 Dec 31 j 11:43 0°ರ -1149 May 02 j 15:55 0° 8 -1144 Jan 30 j 07:30 0°≈ max. Earth dist. -1149 May 23 j 12:55 19°**8**52'08 1.01786 AU -1144 Feb 29 j 15:40 0°**)**€ -1149 Jun 03 j 04:29 $0^{\circ}II$ -1144 Mar 31 j 13:06 $0^{\circ}\Upsilon$ -1149 Jul 04 j 14:26 -1144 May 01 j 21:00 0ಂತಾ 0°8 -1149 Aug 04 j 15:18 max. Earth dist. -1144 May 21 j 11:29 0° Ω 18°**8**39'46 1.01786 AU -1149 Sep 04 j 03:21 -1144 Jun 02 j 09:34 0° M $0^{\circ}\Pi$ -1149 Oct 04 j 02:24 -1144 Jul 03 j 19:34 0∘**⊽** -1149 Nov 02 j 15:37 0°M -1144 Aug 03 j 20:31 $0^{\circ}\Omega$ min. Earth dist. -1149 Nov 20 i 07:18 18°ML01'19 0.98208 AU -1144 Sep 03 i 08:38 0° m -1149 Dec 02 i 00:38 0°**∡**¹ -1144 Oct 03 i 07:43 0∘**⊽** -1149 Dec 31 j 12:00 0°정 -1144 Nov 01 i 20:59 0°M 18°ML41'58 0.98208 AU -1148 Jan 30 j 07:48 -1144 Nov 20 j 04:32 0°≈≈ min. Earth dist. -1148 Feb 29 j 16:02 0°**₩** -1144 Dec 01 j 06:01 0°×7 $0^{\circ}\Upsilon$ 0°궁 -1148 Mar 31 j 13:33 -1144 Dec 30 j 17:25 -1148 May 01 j 21:32 0°8 -1143 Jan 29 j 13:12 0°≈≈ max. Earth dist. -1148 May 22 j 14:47 19°**8**42'58 1.01795 AU -1143 Feb 28 j 21:24 0°**∀** -1148 Jun 02 j 10:10 $0^{\circ}\Pi$ -1143 Mar 31 j 18:51 0° -1148 Jul 03 j 20:12 0°9 -1143 May 02 j 02:47 0°8 0° Ω max. Earth dist. 20°**8**33'25 1.01791 AU -1148 Aug 03 j 21:10 -1143 May 23 j 17:14 -1148 Sep 03 j 09:18 0° M -1143 Jun 02 j 15:22 $0^{\circ}\Pi$ -1148 Oct 03 j 08:23 0∘**⊽** -1143 Jul 04 j 01:22 0ಂತಾ -1148 Nov 01 j 21:37 0° M -1143 Aug 04 j 02:19 0 $^{\circ}$ Ω min. Earth dist. -1148 Nov 21 j 19:58 20°M21'16 0.98208 AU -1143 Sep 03 j 14:27 0° m -1148 Dec 01 j 06:36 0°**∡** -1143 Oct 03 j 13:32 0∘**⊽** -1148 Dec 30 j 17:57 0°궁 -1143 Nov 02 j 02:47 -1147 Jan 29 j 13:42 0°≈ min. Earth dist. -1143 Nov 20 j 15:33 18°ML55'11 0.98213 AU -1147 Feb 28 j 21:56 0°**)** -1143 Dec 01 j 11:48 0°**∡**7 $0^{\circ}\Upsilon$ 0°정 -1147 Mar 31 j 19:28 -1143 Dec 30 j 23:11

-1142 Jan 29 j 18:59

0°**≈**

 0° 8

-1147 May 02 j 03:30

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 28 Attention, astronomical year style is used: The year -1142 in astronomical counting style is the year 1143 BCE in historical counting style. -1142 Mar 01 j 03:14 0°**∀** -1138 Dec 01 j 16:47 0°×7 -1142 Apr 01 j 00:44 -1138 Dec 31 j 04:09 $0^{\circ}\Upsilon$ 0°궁 9° -1137 Jan 29 j 23:55 -1142 May 02 j 08:41 0°≈≈ -1142 May 21 j 16:03 18°**8**22'43 1.01789 AU 0°**)**€ max. Earth dist. -1137 Mar 01 j 08:04 $0^{\circ}\Upsilon$ -1142 Jun 02 j 21:15 $0^{\circ}\Pi$ -1137 Apr 01 j 05:28 -1142 Jul 04 j 07:12 0°9 -1137 May 02 j 13:22 0°8 -1142 Aug 04 j 08:07 0° Ω max. Earth dist. -1137 May 23 j 02:16 19°**8**32'44 1.01793 AU -1142 Sep 03 j 20:13 0° m -1137 Jun 03 j 01:58 Π °0 -1142 Oct 03 j 19:20 0。Շ -1137 Jul 04 j 12:00 0ಂಪ -1142 Nov 02 j 08:37 0° M -1137 Aug 04 j 13:01 0° Ω min. Earth dist. -1142 Nov 22 j 06:34 20°M20'13 0.98210 AU -1137 Sep 04 j 01:13 0° M -1142 Dec 01 j 17:41 0°⊀ -1137 Oct 04 j 00:22 0∘**⊽** -1142 Dec 31 j 05:05 0°궁 -1137 Nov 02 j 13:39 0°M -1141 Jan 30 j 00:54 0°**≈** min. Earth dist. -1137 Nov 22 j 20:35 20°ML43'08 0.98210 AU -1141 Mar 01 j 09:07 0°**)**€ -1137 Dec 01 j 22:41 0°×7 -1141 Apr 01 j 06:36 $0^{\circ}\Upsilon$ -1137 Dec 31 j 10:01 0°정 -1141 May 02 j 14:33 0° 8 -1136 Jan 30 j 05:44 max. Earth dist. -1141 May 23 j 00:25 19°**8**25'47 1.01784 AU -1136 Feb 29 j 13:52 0°**)**€ -1141 Jun 03 j 03:05 Π $^{\circ}0$ -1136 Mar 31 j 11:18 $0^{\circ}\Upsilon$ -1141 Jul 04 j 13:00 0ಂತಾ -1136 May 01 j 19:13 0°8 -1141 Aug 04 j 13:52 $0^{\circ}\Omega$ max. Earth dist. -1136 May 21 j 05:00 18°**8**28'36 1.01789 AU -1141 Sep 04 i 01:58 0° m -1136 Jun 02 i 07:48 $\Pi^{\circ}0$ -1141 Oct 04 i 01:05 0∘**⊽** -1136 Jul 03 j 17:50 0ಂತಾ -1141 Nov 02 j 14:23 0°M -1136 Aug 03 j 18:52 $0^{\circ}\Omega$ min. Earth dist. -1141 Nov 20 j 13:15 18°M19'39 0.98210 AU -1136 Sep 03 j 07:04 0° m -1141 Dec 01 j 23:26 -1136 Oct 03 j 06:13 0°×7 0∘Ω 0°る -1141 Dec 31 j 10:48 -1136 Nov 01 j 19:30 oom. -1140 Jan 30 j 06:33 0°≈≈ min. Earth dist. -1136 Nov 20 j 15:11 19°M13'07 0.98204 AU 0°**₩** -1140 Feb 29 j 14:42 -1136 Dec 01 j 04:29 0°×7 $0^{\circ}\Upsilon$ -1140 Mar 31 j 12:09 -1136 Dec 30 j 15:47 0°궁 -1140 May 01 j 20:06 0°8 -1135 Jan 29 j 11:28 0°≈ -1140 May 22 j 22:13 20°**8**04'05 1.01793 AU -1135 Feb 28 j 19:36 0°)(max. Earth dist. -1140 Jun 02 j 08:42 -1135 Mar 31 j 17:01 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1140 Jul 03 j 18:43 0ಂತಾ -1135 May 02 j 00:58 0° 8 -1140 Aug 03 j 19:41 0 \circ Ω max. Earth dist. -1135 May 23 j 19:56 20°**8**44'09 1.01792 AU -1140 Sep 03 j 07:49 0° M -1135 Jun 02 j 13:34 $0^{\circ}\Pi$ -1140 Oct 03 j 06:56 0∘**⊽** -1135 Jul 03 j 23:37 0 \circ \odot -1140 Nov 01 j 20:13 0°M -1135 Aug 04 j 00:38 $0^{\circ}\Omega$ min. Earth dist. -1140 Nov 21 j 13:14 20°M07'30 0.98212 AU -1135 Sep 03 j 12:50 -1140 Dec 01 j 05:15 0°⊀ -1135 Oct 03 j 12:01 0∘**⊽** -1140 Dec 30 j 16:36 0°ರ -1135 Nov 02 j 01:19 -1139 Jan 29 j 12:20 -1135 Nov 20 j 12:02 18°M49'54 0.98211 AU 0°≈ min. Earth dist. -1139 Feb 28 j 20:29 0°**)**€ -1135 Dec 01 j 10:20 0°×7 $0^{\circ}\Upsilon$ -1135 Dec 30 j 21:39 -1139 Mar 31 j 17:57 -1134 Jan 29 j 17:20 -1139 May 02 j 01:57 0°8 0°≈ max. Earth dist. -1139 May 21 i 03:27 18°**8**08'45 1.01793 AU -1134 Mar 01 i 01:26 0°**∀** -1139 Jun 02 j 14:36 $0^{\circ}II$ -1134 Mar 31 i 22:52 $0^{\circ}\Upsilon$ -1139 Jul 04 j 00:38 0ಂತಾ -1134 May 02 j 06:48 0°8 -1139 Aug 04 j 01:35 $0^{\circ}\Omega$ max. Earth dist. -1134 May 22 j 01:17 18°**8**49'04 1.01792 AU -1139 Sep 03 j 13:40 0° m -1134 Jun 02 j 19:25 0°Π -1139 Oct 03 j 12:44 -1134 Jul 04 j 05:26 0∘ഹ 0ംഉ -1139 Nov 02 j 01:58 oom. -1134 Aug 04 j 06:25 $0^{\circ}\Omega$ 19°M41'04 0.98206 AU min Earth dist -1139 Nov 21 j 08:35 -1134 Sep 03 j 18:37 0° m -1139 Dec 01 j 11:00 0°×7 -1134 Oct 03 j 17:48 0∘ಹ -1139 Dec 30 j 22:23 0°ರ -1134 Nov 02 j 07:10 0° M -1138 Jan 29 j 18:09 0°≈ min. Earth dist. -1134 Nov 22 j 14:31 20°M.44'11 0.98212 AU 0°**)**€ 0°×7 -1138 Mar 01 j 02:20 -1134 Dec 01 j 16:15 $0^{\circ}\Upsilon$ 0°ರ -1138 Mar 31 j 23:48 -1134 Dec 31 j 03:38 -1138 May 02 j 07:46 0°8 -1133 Jan 29 j 23:21 0°≈ 0°**)**€ max. Earth dist. -1138 May 23 j 19:28 20°**8**26'56 1.01790 AU -1133 Mar 01 j 07:27 $0^{\circ}\Upsilon$ -1138 Jun 02 j 20:23 Π $^{\circ}0$ -1133 Apr 01 j 04:50 -1138 Jul 04 j 06:24 0 \circ \odot -1133 May 02 j 12:43 0°8 -1138 Aug 04 j 07:20 0° Ω max. Earth dist. -1133 May 22 j 18:29 19°**8**16'04 1.01785 AU -1138 Sep 03 j 19:26 0° m -1133 Jun 03 j 01:17 $0^{\circ}\Pi$ -1138 Oct 03 j 18:31 0∘**⊽** -1133 Jul 04 j 11:17 0 \circ \odot $0^{\circ}\Omega$ -1138 Nov 02 j 07:45 -1133 Aug 04 j 12:15

min. Earth dist.

-1138 Nov 20 j 01:07

18°M05'35 0.98210 AU

-1133 Sep 04 j 00:26

0° M

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 29 Attention, astronomical year style is used: The year -1133 in astronomical counting style is the year 1134 BCE in historical counting style. -1133 Oct 03 j 23:38 0∘**⊽** -1128 Jul 03 j 16:34 0ಂತಾ -1133 Nov 02 j 12:59 -1128 Aug 03 j 17:35 oom. $0^{\circ}\Omega$ -1128 Sep 03 j 05:48 -1133 Nov 20 j 19:32 18°**M** 39'15 0.98211 AU 0° m min Farth dist 0°×7 -1128 Oct 03 j 04:59 0∘Ω -1133 Dec 01 j 22:04 -1133 Dec 31 j 09:27 0°궁 -1128 Nov 01 j 18:19 0°M 19°M34'38 0.98208 AU -1132 Jan 30 j 05:08 0°≈ min. Earth dist. -1128 Nov 20 j 22:28 -1132 Feb 29 j 13:12 0°**)** -1128 Dec 01 j 03:22 0°⊀ 0° -1132 Mar 31 j 10:31 -1128 Dec 30 j 14:43 0°궁 -1132 May 01 j 18:22 0° 8 -1127 Jan 29 j 10:24 0°≈ max. Earth dist. -1132 May 23 j 10:02 20°**8**36'20 1.01791 AU -1127 Feb 28 j 18:30 0°**)**€ $0^{\circ}\Upsilon$ -1132 Jun 02 j 06:57 $0^{\circ}\Pi$ -1127 Mar 31 j 15:52 -1132 Jul 03 j 17:01 0ംខ -1127 May 01 j 23:47 0°8 -1132 Aug 03 j 18:05 0° Ω max. Earth dist. -1127 May 23 j 20:35 20°848'34 1.01791 AU -1132 Sep 03 j 06:20 0° m -1127 Jun 02 j 12:23 $0^{\circ}\Pi$ -1132 Oct 03 j 05:32 0∘**⊽** -1127 Jul 03 j 22:26 0ಂತಾ -1132 Nov 01 j 18:52 0°M -1127 Aug 03 j 23:27 $0^{\circ}\Omega$ min. Earth dist. -1132 Nov 21 j 04:02 19°ML47'21 0.98214 AU -1127 Sep 03 j 11:38 0° m -1132 Dec 01 j 03:55 0°×7 -1127 Oct 03 j 10:48 -1132 Dec 30 j 15:16 0°궁 -1127 Nov 02 j 00:06 0°M -1131 Jan 29 j 10:59 0°≈ min. Earth dist. -1127 Nov 20 j 01:53 18°M27'02 0.98212 AU -1131 Feb 28 j 19:05 0°**∀** -1127 Dec 01 j 09:08 0°**∡**7 -1131 Mar 31 i 16:28 $0^{\circ}\Upsilon$ -1127 Dec 30 i 20:29 0°궁 -1131 May 02 j 00:22 0°8 -1126 Jan 29 j 16:12 0°≈ max. Earth dist. -1131 May 21 i 09:56 18°828'00 1.01791 AU -1126 Mar 01 i 00:18 0°**∀** -1131 Jun 02 j 12:58 $0^{\circ}\Pi$ -1126 Mar 31 j 21:41 $0^{\circ}\Upsilon$ -1131 Jul 03 j 23:00 0ಂತಾ -1126 May 02 j 05:35 0°X -1126 May 22 j 10:30 -1131 Aug 04 j 00:02 $0^{\circ}\Omega$ max Earth dist 19°**8**13'49 1.01792 AU 0° My -1131 Sep 03 j 12:15 -1126 Jun 02 j 18:11 Π °0 -1131 Oct 03 j 11:26 0∘ഹ -1126 Jul 04 j 04:14 0ംഉ -1131 Nov 02 j 00:44 0°M -1126 Aug 04 j 05:15 0° Ω -1131 Nov 21 j 18:16 20°M08'54 0.98208 AU -1126 Sep 03 j 17:28 min. Earth dist. 0° m -1131 Dec 01 j 09:47 0°**∡**¹ -1126 Oct 03 j 16:38 0ಂ⊽ -1131 Dec 30 j 21:09 0°궁 -1126 Nov 02 j 05:57 0°M -1130 Jan 29 j 16:54 0°≈ min. Earth dist. -1126 Nov 22 j 14:03 20°M46'07 0.98211 AU 0°**∀** -1130 Mar 01 j 01:03 -1126 Dec 01 j 15:01 0°**⊼** $0^{\circ}\Upsilon$ -1130 Mar 31 j 22:28 -1126 Dec 31 j 02:23 0°궁 -1130 May 02 j 06:22 0° 8 -1125 Jan 29 j 22:06 0°≈ max. Earth dist. -1130 May 23 j 12:56 20°814'55 1.01785 AU -1125 Mar 01 j 06:13 0°**)**€ -1130 Jun 02 j 18:55 Π $^{\circ}0$ -1125 Apr 01 j 03:36 $0^{\circ}\Upsilon$ -1130 Jul 04 j 04:54 0ಂತಾ -1125 May 02 j 11:28 0°8 -1130 Aug 04 j 05:52 $0^{\circ}\Omega$ max. Earth dist. -1125 May 22 j 08:36 18°**8**55'33 1.01786 AU -1130 Sep 03 j 18:03 -1125 Jun 03 j 00:02 0° M $0^{\circ}\Pi$ -1130 Oct 03 j 17:15 -1125 Jul 04 j 10:04 0∘**⊽** -1130 Nov 02 j 06:35 0°M -1125 Aug 04 j 11:06 0° Ω 18°M21'11 0.98211 AU min. Earth dist. -1130 Nov 20 j 06:05 -1125 Sep 03 j 23:20 0° M -1130 Dec 01 i 15:39 0°**∡**¹ -1125 Oct 03 j 22:32 0∘**⊽** -1130 Dec 31 i 03:01 0°정 -1125 Nov 02 j 11:51 0°M -1129 Jan 29 j 22:44 0°≈ min. Earth dist. -1125 Nov 21 i 02:16 18°ML59'30 0.98205 AU -1129 Mar 01 i 06:50 0°**)**€ -1125 Dec 01 j 20:52 0°×7 -1129 Apr 01 j 04:12 $0^{\circ}\Upsilon$ -1125 Dec 31 j 08:10 0°궁 -1129 May 02 j 12:03 0°8 -1124 Jan 30 j 03:48 0°≈≈ -1124 Feb 29 j 11:50 0°**₩** max. Earth dist. -1129 May 23 j 09:16 19°**8**52'32 1.01789 AU $0^{\circ}\Upsilon$ -1129 Jun 03 j 00:36 $0^{\circ}\Pi$ -1124 Mar 31 j 09:10 -1129 Jul 04 j 10:36 0°9 -1124 May 01 j 17:03 0°8 -1129 Aug 04 j 11:37 0° Ω max. Earth dist. -1124 May 23 j 15:05 20°**8**51'30 1.01793 AU -1129 Sep 03 j 23:51 0°M) -1124 Jun 02 j 05:38 $0^{\circ}\Pi$ 0∘ଫ -1124 Jul 03 j 15:44 0°9 -1129 Oct 03 j 23:05 -1129 Nov 02 j 12:29 0°M -1124 Aug 03 j 16:51 0 $^{\circ}$ Ω min. Earth dist. -1129 Nov 22 j 21:03 20°M47'11 0.98215 AU -1124 Sep 03 j 05:09 0° m -1129 Dec 01 j 21:34 0°**⊼** -1124 Oct 03 j 04:23 0∘**⊽** -1129 Dec 31 j 08:56 0°궁 -1124 Nov 01 j 17:43 0°M -1128 Jan 30 j 04:37 0°≈ min. Earth dist. -1124 Nov 20 j 21:03 19°Mപ32'26 0.98210 AU -1128 Feb 29 j 12:42 0°**)** -1124 Dec 01 j 02:42 0°**∡**7 -1128 Mar 31 j 10:04 $0^{\circ}\Upsilon$ -1124 Dec 30 j 13:58 0°궁 -1128 May 01 j 17:58 0°8 -1123 Jan 29 j 09:34 0°≈ 18°823'29 1.01788 AU 0°**)** max. Earth dist. -1128 May 21 j 01:36 -1123 Feb 28 j 17:36

-1128 Jun 02 j 06:33

 $0^{\circ}\Pi$

 $0^{\circ}\Upsilon$

-1123 Mar 31 j 14:57

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 30 Attention, astronomical year style is used: The year -1123 in astronomical counting style is the year 1124 BCE in historical counting style. -1123 May 01 j 22:53 0°8 -1118 Jan 29 j 14:42 0°≈ -1123 May 21 j 14:53 -1118 Feb 28 j 22:44 0°**₩** max Earth dist 18°**8**43'10 1.01795 AU -1123 Jun 02 j 11:31 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1118 Mar 31 j 20:03 0° 8 -1123 Jul 03 j 21:37 000 -1118 May 02 j 03:51 -1123 Aug 03 j 22:42 0° Ω max. Earth dist. -1118 May 22 j 19:57 19°**8**40'29 1.01789 AU -1123 Sep 03 j 10:59 0° m -1118 Jun 02 j 16:23 0°II -1123 Oct 03 j 10:14 0∘**⊽** -1118 Jul 04 j 02:23 0ಂಲ -1123 Nov 01 j 23:34 0°M -1118 Aug 04 j 03:27 $0^{\circ}\Omega$ min. Earth dist. -1123 Nov 22 j 04:51 20°M38'59 0.98207 AU -1118 Sep 03 j 15:45 0° m -1123 Dec 01 j 08:36 0°**∡**¹ -1118 Oct 03 j 15:03 0∘**⊽** -1123 Dec 30 j 19:53 0°궁 -1118 Nov 02 j 04:29 0°M -1122 Jan 29 j 15:30 0°≈ min. Earth dist. -1118 Nov 22 j 19:12 21°ML02'54 0.98215 AU -1122 Feb 28 j 23:32 0°**)**€ -1118 Dec 01 j 13:35 0°**∡**7 -1122 Mar 31 j 20:52 $0^{\circ}\Upsilon$ -1118 Dec 31 j 00:56 0°정 -1122 May 02 j 04:45 0°8 -1117 Jan 29 j 20:35 0°≈ max. Earth dist. -1122 May 23 j 04:09 19°**8**57'51 1.01788 AU -1117 Mar 01 j 04:37 0°**)**€ -1122 Jun 02 j 17:21 $0^{\circ}\Pi$ -1117 Apr 01 j 01:56 $0^{\circ}\Upsilon$ -1122 Jul 04 j 03:25 0ಂತಾ -1117 May 02 j 09:45 0°8 -1122 Aug 04 j 04:27 $0^{\circ}\Omega$ max. Earth dist. -1117 May 22 j 00:50 18°**8**41'17 1.01784 AU -1122 Sep 03 j 16:42 0° M -1117 Jun 02 j 22:16 Π °0 -1122 Oct 03 j 15:57 0∘**⊽** -1117 Jul 04 j 08:16 0ಂತಾ -1122 Nov 02 j 05:20 0°M -1117 Aug 04 i 09:19 $0^{\circ}\Omega$ min. Earth dist. -1122 Nov 20 j 11:45 18°M38'52 0.98211 AU -1117 Sep 03 i 21:36 0° m -1122 Dec 01 i 14:25 0°**∡**¹ -1117 Oct 03 i 20:54 0∘**⊽** -1122 Dec 31 j 01:44 0°ರ -1117 Nov 02 j 10:20 0°M -1121 Jan 29 j 21:21 -1117 Nov 21 j 12:27 0°≈≈ min. Earth dist. 19°M29'20 0.98210 AU -1121 Mar 01 j 05:19 0°**₩** -1117 Dec 01 j 19:25 0°×7 -1121 Apr 01 j 02:33 $0^{\circ}\Upsilon$ -1117 Dec 31 j 06:44 0°궁 -1121 May 02 j 10:20 0°8 -1116 Jan 30 j 02:20 0°≈≈ -1116 Feb 29 j 10:18 -1121 May 23 j 21:18 max. Earth dist. 20°**8**25'14 1.01791 AU 0°)(-1121 Jun 02 j 22:53 $0^{\circ}\Pi$ -1116 Mar 31 j 07:34 $0^{\circ}\Upsilon$ -1121 Jul 04 j 08:58 0°9 -1116 May 01 j 15:23 0° 8 -1121 Aug 04 j 10:05 0° Ω max. Earth dist. -1116 May 23 j 17:47 21°**8**01'55 1.01789 AU -1121 Sep 03 j 22:24 -1116 Jun 02 j 03:57 0° M $0^{\circ}\Pi$ -1121 Oct 03 j 21:42 -1116 Jul 03 j 14:01 0∘**⊽** 0ಂತಾ -1121 Nov 02 j 11:07 0° M -1116 Aug 03 j 15:07 0 \circ Ω min. Earth dist. -1121 Nov 22 j 16:23 20°M38'38 0.98216 AU -1116 Sep 03 j 03:25 0° m -1121 Dec 01 j 20:13 0°**∡**¹ -1116 Oct 03 j 02:42 0∘**⊽** -1121 Dec 31 j 07:34 0°ರ -1116 Nov 01 j 16:07 $0^{\circ}M$ -1120 Jan 30 j 03:12 0°**≈** min. Earth dist. -1116 Nov 20 j 10:43 19°M09'58 0.98214 AU -1120 Feb 29 j 11:10 0°**)**€ -1116 Dec 01 j 01:11 0°**⊼** -1120 Mar 31 j 08:25 $0^{\circ}\Upsilon$ -1116 Dec 30 j 12:30 0°정 -1120 May 01 j 16:12 0° 8 -1115 Jan 29 j 08:06 -1120 May 21 j 08:16 -1115 Feb 28 j 16:05 max. Earth dist. 18°**8**43'33 1.01788 AU -1120 Jun 02 j 04:45 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1115 Mar 31 j 13:22 -1120 Jul 03 j 14:50 0ಂತಾ -1115 May 01 j 21:14 0°8 -1120 Aug 03 j 15:58 $0^{\circ}\Omega$ max. Earth dist. -1115 May 21 j 22:13 19°804'30 1.01794 AU -1120 Sep 03 j 04:18 0° m -1115 Jun 02 i 09:52 $\Pi^{\circ}0$ -1120 Oct 03 j 03:34 0∘**⊽** -1115 Jul 03 j 19:58 0ಂತಾ $0^{\circ}\Omega$ -1115 Aug 03 j 21:03 -1120 Nov 01 j 16:56 oom. -1115 Sep 03 j 09:20 20°M00'58 0.98208 AU min Earth dist -1120 Nov 21 j 07:22 0° m -1115 Oct 03 j 08:35 0°×7 -1120 Dec 01 j 01:59 0∘Ω 0°る -1120 Dec 30 j 13:18 -1115 Nov 01 j 21:57 0°M -1119 Jan 29 j 08:57 0°≈ min. Earth dist. -1115 Nov 22 j 07:00 20°M48'34 0.98210 AU -1119 Feb 28 j 16:57 0°**)**€ -1115 Dec 01 j 07:00 0°×7 $0^{\circ}\Upsilon$ -1119 Mar 31 j 14:14 0°ರ -1115 Dec 30 j 18:21 0°8 -1114 Jan 29 j 14:00 0°≈ -1119 May 01 j 22:03 20°**8**57'56 1.01787 AU 0°\ max. Earth dist. -1119 May 23 j 22:43 -1114 Feb 28 j 22:02 $0^{\circ}\Upsilon$ -1119 Jun 02 j 10:35 Π $^{\circ}0$ -1114 Mar 31 j 19:21 -1119 Jul 03 j 20:38 0 \circ ∞ -1114 May 02 j 03:12 0° 8 -1119 Aug 03 j 21:43 0 \circ Ω max. Earth dist. -1114 May 22 j 16:03 19°**8**32'52 1.01787 AU -1119 Sep 03 j 10:02 0° m -1114 Jun 02 j 15:48 $0^{\circ}\Pi$ -1119 Oct 03 j 09:19 0∘**⊽** -1114 Jul 04 j 01:52 0 \circ \odot -1119 Nov 01 j 22:41 0°M -1114 Aug 04 j 02:57 0 \circ Ω min. Earth dist. -1119 Nov 20 j 03:13 18°M34'02 0.98211 AU -1114 Sep 03 j 15:13 0° m 0°×7 -1114 Oct 03 j 14:28 0∘**ত** -1119 Dec 01 j 07:44

0°M

-1114 Nov 02 j 03:50

0°₹

-1119 Dec 30 j 19:03

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 31

```
Attention, astronomical year style is used: The year -1114 in astronomical counting style is the year 1115 BCE in historical counting style.
                     -1114 Nov 20 j 13:40
                                            18°ጤ47'42  0.98209 AU
                                                                                                   -1109 Sep 03 j 20:29
                                                                                                                            0° m
min. Earth dist.
                     -1114 Dec 01 j 12:53
                                                                                                   -1109 Oct 03 j 19:49
                                              0°×7
                                                                                                                            0∘Ω
                                               0°る
                                                                                                                            0^{\circ}M
                     -1114 Dec 31 j 00:13
                                                                                                   -1109 Nov 02 j 09:16
                     -1113 Jan 29 j 19:51
                                                                                                   -1109 Nov 21 j 20:54
                                                                                                                           19°M53'41 0.98209 AU
                                               0°≈≈
                                                                             min. Earth dist.
                                               0°)€
                     -1113 Mar 01 j 03:50
                                                                                                   -1109 Dec 01 j 18:21
                                                                                                                            0°∡7
                                              0^{\circ}\Upsilon
                     -1113 Apr 01 j 01:04
                                                                                                   -1109 Dec 31 j 05:39
                                                                                                                            0°궁
                     -1113 May 02 j 08:51
                                              0^{\circ}8
                                                                                                   -1108 Jan 30 j 01:13
                                                                                                                            0°≈
max. Earth dist.
                     -1113 May 24 j 04:15
                                             20°845'18 1.01790 AU
                                                                                                   -1108 Feb 29 j 09:07
                                                                                                                            0°∀
                                                                                                                            0^{\circ}\Upsilon
                     -1113 Jun 02 j 21:23
                                              0^{\circ}\Pi
                                                                                                   -1108 Mar 31 j 06:17
                     -1113 Jul 04 j 07:29
                                               0ಂತಾ
                                                                                                   -1108 May 01 j 14:02
                                                                                                                            0°8
                     -1113 Aug 04 j 08:38
                                               0°\Omega
                                                                             max. Earth dist.
                                                                                                   -1108 May 23 j 23:53
                                                                                                                           21°819'44 1.01789 AU
                     -1113 Sep 03 j 21:01
                                               0° M
                                                                                                   -1108 Jun 02 j 02:34
                                                                                                                            \Pi°0
                     -1113 Oct 03 j 20:20
                                               0∘⊽
                                                                                                   -1108 Jul 03 j 12:42
                                                                                                                            0ಂತಾ
                     -1113 Nov 02 j 09:44
                                              0°M
                                                                                                   -1108 Aug 03 j 13:54
                                                                                                                            0^{\circ}\Omega
min. Earth dist.
                     -1113 Nov 22 j 05:41
                                             20°ML14'51 0.98213 AU
                                                                                                   -1108 Sep 03 j 02:19
                                                                                                                            0° m
                     -1113 Dec 01 j 18:47
                                               0°⊀
                                                                                                   -1108 Oct 03 j 01:41
                                                                                                                            0∘⊽
                     -1113 Dec 31 j 06:04
                                               0°ರ
                                                                                                   -1108 Nov 01 j 15:06
                                                                                                                            0°M
                     -1112 Jan 30 j 01:39
                                               0°≈
                                                                             min. Earth dist.
                                                                                                   -1108 Nov 20 j 05:32
                                                                                                                           18°M59'19 0.98212 AU
                     -1112 Feb 29 j 09:38
                                               0°)€
                                                                                                   -1108 Dec 01 j 00:09
                                                                                                                            0°∡7
                     -1112 Mar 31 j 06:53
                                               0^{\circ}\Upsilon
                                                                                                   -1108 Dec 30 j 11:25
                                                                                                                            0°정
                     -1112 May 01 j 14:43
                                              0°8
                                                                                                   -1107 Jan 29 j 06:59
                                                                                                                            0°≈
max. Earth dist.
                     -1112 May 21 i 09:58
                                             18°851'04 1.01791 AU
                                                                                                   -1107 Feb 28 i 14:54
                                                                                                                            0°∀
                     -1112 Jun 02 i 03:18
                                              0^{\circ}\Pi
                                                                                                   -1107 Mar 31 i 12:06
                                                                                                                            0^{\circ}\Upsilon
                     -1112 Jul 03 j 13:25
                                               0ಂತಾ
                                                                                                   -1107 May 01 j 19:53
                                                                                                                            0°8
                     -1112 Aug 03 j 14:36
                                               0^{\circ}\Omega
                                                                             max. Earth dist.
                                                                                                   -1107 May 22 j 09:00
                                                                                                                           19°833'24 1.01792 AU
                     -1112 Sep 03 j 02:59
                                                                                                   -1107 Jun 02 j 08:28
                                               0^{\circ} mb
                                                                                                                            \Pi°0
                     -1112 Oct 03 j 02:18
                                               0∘⊽
                                                                                                   -1107 Jul 03 j 18:35
                                                                                                                            0ംഉ
                                                                                                   -1107 Aug 03 j 19:45
                     -1112 Nov 01 j 15:41
                                              o°m.
                                                                                                                            0^{\circ}\Omega
                                                                                                   -1107 Sep 03 j 08:09
min Earth dist
                     -1112 Nov 21 j 16:48
                                             20°M28'18 0.98205 AU
                                                                                                                            0° m
                                                                                                   -1107 Oct 03 j 07:30
                     -1112 Dec 01 j 00:42
                                              0°×7
                                                                                                                            0∘Ω
                                               0°ರ
                     -1112 Dec 30 j 11:57
                                                                                                   -1107 Nov 01 j 20:55
                                                                                                                            0°M
                                                                             min. Earth dist.
                     -1111 Jan 29 j 07:30
                                                                                                   -1107 Nov 22 j 13:25
                                                                                                                           21°ML07'33 0.98211 AU
                                               0°≈
                     -1111 Feb 28 j 15:28
                                               0° <del>)(</del>
                                                                                                   -1107 Dec 01 j 05:58
                                                                                                                            0°∡
                                               0^{\circ}\Upsilon
                                                                                                   -1107 Dec 30 j 17:15
                     -1111 Mar 31 j 12:45
                                                                                                                            0°궁
                                              0^{\circ}8
                     -1111 May 01 j 20:36
                                                                                                   -1106 Jan 29 j 12:50
                                                                                                                            0°≈
max. Earth dist.
                     -1111 May 23 j 14:53
                                             20°842'44 1.01790 AU
                                                                                                   -1106 Feb 28 j 20:49
                                                                                                                            0°₩
                     -1111 Jun 02 j 09:12
                                              \Pi^{\circ}0
                                                                                                   -1106 Mar 31 j 18:04
                                                                                                                            0^{\circ}\Upsilon
                     -1111 Jul 03 j 19:18
                                               0ಂತಾ
                                                                                                   -1106 May 02 j 01:52
                                                                                                                            0°8
                     -1111 Aug 03 j 20:26
                                               0^{\circ}\Omega
                                                                             max. Earth dist.
                                                                                                   -1106 May 22 j 06:41
                                                                                                                           19°813'53 1.01785 AU
                     -1111 Sep 03 j 08:48
                                               0° M
                                                                                                   -1106 Jun 02 j 14:24
                                                                                                                            \Pi^{\circ}0
                     -1111 Oct 03 j 08:08
                                               0∘⊽
                                                                                                   -1106 Jul 04 j 00:28
                                                                                                                            0ಂತಾ
                     -1111 Nov 01 j 21:33
                                                                                                   -1106 Aug 04 j 01:36
                                               0°M
                                                                                                                            0°\Omega
                     -1111 Nov 20 j 07:06
                                             18°ML46'52 0.98209 AU
                                                                                                   -1106 Sep 03 j 13:57
min. Earth dist.
                                                                                                                            0° M
                     -1111 Dec 01 j 06:35
                                                                                                   -1106 Oct 03 j 13:19
                                              0° ₹
                                               0°₹
                     -1111 Dec 30 j 17:51
                                                                                                   -1106 Nov 02 j 02:46
                     -1110 Jan 29 i 13:24
                                               0°≈
                                                                             min. Earth dist.
                                                                                                   -1106 Nov 20 i 23:58
                                                                                                                           19°M16'41 0.98210 AU
                     -1110 Feb 28 i 21:21
                                               0°∀
                                                                                                   -1106 Dec 01 i 11:52
                                                                                                                            0°×7
                     -1110 Mar 31 j 18:35
                                               0^{\circ}\Upsilon
                                                                                                   -1106 Dec 30 i 23:09
                                                                                                                            0°궁
                     -1110 May 02 j 02:24
                                               0°8
                                                                                                   -1105 Jan 29 j 18:43
                                                                                                                            0°≈
                     -1110 May 23 j 05:26
                                             20°806'24 1.01792 AU
                                                                                                   -1105 Mar 01 j 02:36
                                                                                                                            0°₩
max Earth dist
                     -1110 Jun 02 j 14:58
                                              0^{\circ}\Pi
                                                                                                   -1105 Mar 31 j 23:46
                                                                                                                            0^{\circ}\Upsilon
                     -1110 Jul 04 j 01:04
                                                                                                                            0°8
                                               000
                                                                                                   -1105 May 02 j 07:30
                                                                                                                           21°803'04 1.01787 AU
                     -1110 Aug 04 j 02:12
                                               0^{\circ}\Omega
                                                                             max Earth dist
                                                                                                   -1105 May 24 j 10:20
                                                                                                   -1105 Jun 02 j 20:00
                                                                                                                            \Pi^{\circ}0
                     -1110 Sep 03 j 14:33
                                               0^{\circ} mb
                     -1110 Oct 03 j 13:54
                                               0∘ଫ
                                                                                                   -1105 Jul 04 j 06:03
                                                                                                                            0°9
                                              0^{\circ}M
                                                                                                                            0°\Omega
                     -1110 Nov 02 j 03:22
                                                                                                   -1105 Aug 04 j 07:13
min. Earth dist.
                                             21°M.05'41 0.98215 AU
                                                                                                   -1105 Sep 03 j 19:38
                                                                                                                            0°Щ
                     -1110 Nov 22 j 19:12
                     -1110 Dec 01 j 12:29
                                              0° ₹
                                                                                                   -1105 Oct 03 j 19:01
                                                                                                                            0∘ଫ
                                               0°궁
                     -1110 Dec 30 j 23:48
                                                                                                   -1105 Nov 02 j 08:31
                                                                                                                            0°M
                                                                                                                           19°M58'09 0.98217 AU
                     -1109 Jan 29 j 19:23
                                               0°≈
                                                                             min. Earth dist.
                                                                                                   -1105 Nov 21 j 22:00
                     -1109 Mar 01 j 03:19
                                               0°∀
                                                                                                   -1105 Dec 01 j 17:38
                                                                                                                            0°⊼
                                               0^{\circ}\Upsilon
                     -1109 Apr 01 j 00:32
                                                                                                   -1105 Dec 31 j 04:55
                                                                                                                            0°궁
                     -1109 May 02 j 08:19
                                               0°8
                                                                                                   -1104 Jan 30 j 00:27
                                                                                                                            0°≈
max. Earth dist.
                     -1109 May 22 j 02:43
                                              18°849'09 1.01787 AU
                                                                                                   -1104 Feb 29 j 08:20
                                                                                                                            0°)€
                     -1109 Jun 02 j 20:52
                                               0^{\circ}II
                                                                                                   -1104 Mar 31 j 05:30
                                                                                                                            0°\Upsilon
                     -1109 Jul 04 j 06:58
                                               0ಂತಾ
                                                                                                                            0°8
                                                                                                   -1104 May 01 j 13:16
                                               0^{\circ}\Omega
                                                                             max. Earth dist.
                                                                                                                           19°807'18 1.01790 AU
                     -1109 Aug 04 j 08:07
                                                                                                   -1104 May 21 j 15:22
```

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 32 Attention, astronomical year style is used: The year -1104 in astronomical counting style is the year 1105 BCE in historical counting style. -1104 Jun 02 j 01:50 $\Pi^{\circ}0$ -1099 Mar 31 j 10:18 $0^{\circ}\Upsilon$ -1104 Jul 03 j 11:57 0ಂತಾ -1099 May 01 j 18:05 0°8 -1104 Aug 03 j 13:08 19°**8**56'58 1.01794 AU $0^{\circ}\Omega$ -1099 May 22 j 17:09 max. Earth dist. -1104 Sep 03 j 01:32 0° M -1099 Jun 02 j 06:41 $0^{\circ}\Pi$ -1104 Oct 03 j 00:53 0ಂತಾ 0∘ଫ -1099 Jul 03 j 16:50 -1104 Nov 01 j 14:19 0°M -1099 Aug 03 j 18:03 $0^{\circ}\Omega$ min. Earth dist. -1104 Nov 21 j 23:19 20°M48'23 0.98209 AU -1099 Sep 03 j 06:31 0° m -1104 Nov 30 j 23:24 0° ⊀ -1099 Oct 03 j 05:56 0∘ಹ -1104 Dec 30 j 10:40 ਾਤ -1099 Nov 01 j 19:24 0°M -1103 Jan 29 j 06:13 0°≈ min. Earth dist. -1099 Nov 22 j 17:42 21°M22'17 0.98212 AU -1103 Feb 28 j 14:08 0°**)**€ -1099 Dec 01 j 04:29 0°**∡**7 $0^{\circ}\Upsilon$ -1103 Mar 31 j 11:20 -1099 Dec 30 j 15:44 0°ರ -1103 May 01 j 19:07 0° 8 -1098 Jan 29 j 11:13 0°≈ max. Earth dist. -1103 May 23 j 05:33 20°**8**24'07 1.01788 AU -1098 Feb 28 j 19:05 0°**)**€ -1103 Jun 02 j 07:42 $0^{\circ}\Pi$ -1098 Mar 31 j 16:15 $0^{\circ}\Upsilon$ -1103 Jul 03 j 17:49 0ಂತಾ -1098 May 02 j 00:02 0°8 -1103 Aug 03 j 18:58 $0^{\circ}\Omega$ max. Earth dist. -1098 May 22 j 01:50 19°**8**06'43 1.01788 AU -1103 Sep 03 j 07:21 0° M -1098 Jun 02 j 12:36 Π °0 -1103 Oct 03 j 06:40 0∘**⊽** -1098 Jul 03 j 22:44 -1103 Nov 01 j 20:05 0°M -1098 Aug 03 j 23:56 $0^{\circ}\Omega$ min. Earth dist. -1103 Nov 20 j 07:39 18°M52'01 0.98210 AU -1098 Sep 03 j 12:22 0° m -1103 Dec 01 i 05:09 0°**∡**¹ -1098 Oct 03 j 11:46 0∘**⊽** -1103 Dec 30 i 16:26 0°₹ -1098 Nov 02 i 01:16 0°M -1102 Jan 29 i 11:59 0°≈ min. Earth dist. -1098 Nov 21 i 08:42 19°ML42'48 0.98211 AU -1102 Feb 28 j 19:54 0°**)**€ -1098 Dec 01 i 10:24 0°×7 -1102 Mar 31 j 17:06 $0^{\circ}\Upsilon$ -1098 Dec 30 j 21:41 0°궁 -1102 May 02 j 00:50 0° 8 -1097 Jan 29 j 17:11 0°≈≈ -1102 May 23 j 14:26 -1097 Mar 01 j 00:58 max. Earth dist. 20°**8**31'33 1.01791 AU 0° H -1102 Jun 02 j 13:22 $0^{\circ}\Pi$ -1097 Mar 31 j 22:02 $0^{\circ}\Upsilon$ -1102 Jul 03 j 23:28 0°9 -1097 May 02 j 05:42 0° 8 -1097 May 24 j 18:19 -1102 Aug 04 j 00:39 0° Ω max. Earth dist. 21°**8**26'22 1.01787 AU -1102 Sep 03 j 13:03 0° M -1097 Jun 02 j 18:12 $0^{\circ}\Pi$ -1102 Oct 03 j 12:24 0∘ଫ -1097 Jul 04 j 04:20 0ಂಪ -1102 Nov 02 j 01:50 0°M -1097 Aug 04 j 05:35 0 \circ Ω 20° ML49'10 0.98214 AU min. Earth dist. -1102 Nov 22 j 11:13 -1097 Sep 03 j 18:04 0° m -1102 Dec 01 j 10:55 0°**∡** -1097 Oct 03 j 17:31 0∘ଫ -1102 Dec 30 j 22:13 0°궁 -1097 Nov 02 j 07:03 0°M -1101 Jan 29 j 17:47 0°**≈** min. Earth dist. -1097 Nov 21 j 11:33 19°MJ35'08 0.98217 AU -1101 Mar 01 j 01:42 0°**)**€ -1097 Dec 01 j 16:11 0°**⊼** -1101 Mar 31 j 22:54 $0^{\circ}\Upsilon$ -1097 Dec 31 j 03:28 0°ರ -1101 May 02 j 06:39 0° 8 -1096 Jan 29 j 22:59 0°≈ -1101 May 22 j 03:22 18°**8**54'38 1.01788 AU -1096 Feb 29 j 06:47 max. Earth dist. -1101 Jun 02 j 19:12 -1096 Mar 31 j 03:52 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1101 Jul 04 j 05:18 0ಂತಾ -1096 May 01 j 11:33 0°8 -1096 May 22 j 01:08 -1101 Aug 04 j 06:31 0° Ω max. Earth dist. 19°**8**34'40 1.01789 AU -1101 Sep 03 i 18:57 0° m -1096 Jun 02 i 00:05 $0^{\circ}II$ -1101 Oct 03 j 18:20 0∘ଫ -1096 Jul 03 i 10:14 0ಂತಾ -1101 Nov 02 j 07:47 0°M -1096 Aug 03 j 11:31 $0^{\circ}\Omega$ min. Earth dist. -1101 Nov 22 i 05:37 20°M19'52 0.98206 AU -1096 Sep 03 j 00:02 0° m -1101 Dec 01 j 16:49 0°×7 -1096 Oct 02 j 23:28 0∘Ω 0°る -1096 Nov 01 j 12:56 -1101 Dec 31 j 04:03 oom. 21°ML08'12 0.98210 AU -1100 Jan 29 j 23:32 0°≈≈ min. Earth dist. -1096 Nov 22 j 05:42 0°**₩** -1100 Feb 29 j 07:24 -1096 Nov 30 j 22:00 0°×7 $0^{\circ}\Upsilon$ -1100 Mar 31 j 04:33 -1096 Dec 30 j 09:16 0°궁 -1100 May 01 j 12:18 0°8 -1095 Jan 29 j 04:47 0°≈ max. Earth dist. -1100 May 23 j 20:58 21°**8**16'56 1.01789 AU -1095 Feb 28 j 12:39 0°)(-1100 Jun 02 j 00:52 $0^{\circ}\Pi$ 0° -1095 Mar 31 j 09:48 -1100 Jul 03 j 11:00 0ಂತಾ -1095 May 01 j 17:31 0°8 20°802'20 1.01785 AU -1100 Aug 03 j 12:14 0 \circ Ω max. Earth dist. -1095 May 22 j 18:44 -1100 Sep 03 j 00:44 0° m -1095 Jun 02 j 06:04 $0^{\circ}\Pi$ -1100 Oct 03 j 00:09 0∘**⊽** -1095 Jul 03 j 16:11 0 \circ \odot -1100 Nov 01 j 13:36 0°M -1095 Aug 03 j 17:25 0 \circ Ω min. Earth dist. -1100 Nov 20 j 05:57 19°M04'12 0.98209 AU -1095 Sep 03 j 05:53 0° m -1100 Nov 30 j 22:38 0°⊀ -1095 Oct 03 j 05:19 0∘**⊽** -1100 Dec 30 j 09:50 0°궁 -1095 Nov 01 j 18:48 0°M 0°≈ 19°M13'42 0.98209 AU -1099 Jan 29 j 05:18 min. Earth dist. -1095 Nov 20 j 14:50

-1095 Dec 01 j 03:52

0°**)**€

-1099 Feb 28 j 13:08

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 33 Attention, astronomical year style is used: The year -1095 in astronomical counting style is the year 1096 BCE in historical counting style. -1095 Dec 30 i 15:08 0°ರ -1090 Nov 02 i 00:07 0°M -1094 Jan 29 j 10:39 -1090 Nov 21 j 15:47 20°M03'59 0.98208 AU 0°≈≈ min. Earth dist. 0°**)**€ -1090 Dec 01 j 09:11 -1094 Feb 28 j 18:31 0°×7 $0^{\circ}\Upsilon$ -1094 Mar 31 j 15:39 -1090 Dec 30 j 20:26 0°궁 -1089 Jan 29 j 15:54 0°8 -1094 May 01 j 23:21 0°≈ max. Earth dist. -1094 May 23 j 21:31 20°**8**51'59 1.01787 AU -1089 Feb 28 j 23:41 0°**∀** 0° -1094 Jun 02 j 11:50 Π $^{\circ}0$ -1089 Mar 31 j 20:45 -1094 Jul 03 j 21:55 0ಂತಾ -1089 May 02 j 04:24 0° 8 -1094 Aug 03 j 23:07 0 \circ Ω max. Earth dist. -1089 May 24 j 20:05 21°**8**33'41 1.01787 AU -1094 Sep 03 j 11:35 0° M -1089 Jun 02 j 16:54 Π $^{\circ}0$ -1094 Oct 03 j 11:03 0∘**⊽** -1089 Jul 04 j 03:03 0ಂತಾ -1094 Nov 02 j 00:35 0° M -1089 Aug 04 j 04:22 0° Ω min. Earth dist. -1094 Nov 22 j 05:54 20°M38'38 0.98217 AU -1089 Sep 03 j 16:56 0° M -1094 Dec 01 j 09:42 0°**∡**¹ -1089 Oct 03 j 16:26 0∘**⊽** -1094 Dec 30 j 20:59 0°ರ -1089 Nov 02 j 05:57 0°M -1093 Jan 29 j 16:31 0°**≈** min. Earth dist. -1089 Nov 21 j 06:53 19°M26'04 0.98213 AU -1093 Mar 01 j 00:22 0°**)**€ -1089 Dec 01 j 15:02 0°**⊼** -1093 Mar 31 j 21:30 $0^{\circ}\Upsilon$ -1089 Dec 31 j 02:14 -1093 May 02 j 05:14 0°8 -1088 Jan 29 j 21:40 0°≈ max. Earth dist. -1093 May 22 j 05:52 19°**8**03'57 1.01787 AU -1088 Feb 29 j 05:26 0°**)**€ -1093 Jun 02 j 17:46 $0^{\circ}\Pi$ -1088 Mar 31 j 02:29 $0^{\circ}\Upsilon$ -1093 Jul 04 i 03:52 0ಂಣ -1088 May 01 j 10:10 0°8 -1093 Aug 04 j 05:05 $0^{\circ}\Omega$ max. Earth dist. -1088 May 22 j 08:18 19°**8**54'54 1.01791 AU -1093 Sep 03 i 17:33 0° m -1088 Jun 01 i 22:43 $\Pi^{\circ}0$ -1093 Oct 03 j 17:01 0∘**⊽** -1088 Jul 03 j 08:55 0ಂತಾ -1093 Nov 02 j 06:32 0°M -1088 Aug 03 j 10:15 $0^{\circ}\Omega$ -1093 Nov 22 j 14:18 20°M45'08 0.98209 AU -1088 Sep 02 j 22:50 min Earth dist 0° m -1093 Dec 01 j 15:38 0°**∡**¹ -1088 Oct 02 j 22:20 0∘Ω 0°궁 -1093 Dec 31 j 02:53 -1088 Nov 01 j 11:50 o°m. -1092 Jan 29 j 22:20 -1088 Nov 22 j 13:37 0°≈ min. Earth dist. 21°M31'13 0.98209 AU -1092 Feb 29 j 06:08 0°**)**€ -1088 Nov 30 j 20:53 0°**∡** $0^{\circ}\Upsilon$ -1092 Mar 31 j 03:15 -1088 Dec 30 j 08:04 0°궁 -1092 May 01 j 10:58 0° 8 -1087 Jan 29 j 03:28 0°≈ -1092 May 23 j 15:21 21°**8**06'46 1.01788 AU -1087 Feb 28 j 11:15 0°**)**€ max. Earth dist. -1092 Jun 01 j 23:32 -1087 Mar 31 j 08:20 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1092 Jul 03 j 09:41 0ಂತಾ -1087 May 01 j 16:04 0° 8 0° Ω -1092 Aug 03 j 10:56 max. Earth dist. -1087 May 22 j 07:15 19°**8**38'29 1.01788 AU -1092 Sep 02 j 23:25 0° M -1087 Jun 02 j 04:39 $\Pi^{\circ}0$ -1092 Oct 02 j 22:51 0∘**⊽** -1087 Jul 03 j 14:49 0ಂತಾ -1092 Nov 01 j 12:21 0° M -1087 Aug 03 j 16:06 $0^{\circ}\Omega$ min. Earth dist. -1092 Nov 20 j 04:08 19°ML02'43 0.98211 AU -1087 Sep 03 j 04:39 -1092 Nov 30 j 21:26 0°**∡**¹ -1087 Oct 03 j 04:09 -1092 Dec 30 j 08:40 0°る -1087 Nov 01 j 17:41 -1091 Jan 29 j 04:08 -1087 Nov 20 j 23:57 19°M39'50 0.98209 AU 0°≈ min. Earth dist. -1091 Feb 28 j 11:56 0°**)**€ -1087 Dec 01 j 02:46 0°×7 $0^{\circ}\Upsilon$ -1091 Mar 31 i 09:03 -1087 Dec 30 i 13:59 0°정 -1091 May 01 i 16:47 0°8 -1086 Jan 29 i 09:24 0°≈ max. Earth dist. -1091 May 23 j 02:34 20°**8**22'25 1.01794 AU -1086 Feb 28 i 17:09 0°**∀** -1091 Jun 02 i 05:23 $\Pi^{\circ}0$ -1086 Mar 31 j 14:11 $0^{\circ}\Upsilon$ -1091 Jul 03 j 15:33 0ಂತಾ -1086 May 01 j 21:50 0°8 -1091 Aug 03 j 16:49 $0^{\circ}\Omega$ -1086 May 24 j 06:18 21°816'31 1.01789 AU max Earth dist -1091 Sep 03 j 05:17 0° m -1086 Jun 02 j 10:20 $0^{\circ}\Pi$ -1091 Oct 03 j 04:42 -1086 Jul 03 j 20:28 0∘⊽ 0ംഉ -1091 Nov 01 j 18:10 0°M -1086 Aug 03 j 21:44 0° Ω min. Earth dist. -1091 Nov 22 j 12:24 21°M11'50 0.98213 AU -1086 Sep 03 j 10:16 0° m -1091 Dec 01 j 03:14 0° **₹** -1086 Oct 03 j 09:47 0∘ಹ -1091 Dec 30 j 14:30 0°ಕ -1086 Nov 01 j 23:21 0° M -1090 Jan 29 j 10:01 20°M16'03 0.98219 AU 0°≈ min. Earth dist. -1086 Nov 21 j 19:53 0°**∀** 0°**∡**7 -1090 Feb 28 j 17:52 -1086 Dec 01 j 08:31 $0^{\circ}\Upsilon$ 0°ರ -1090 Mar 31 j 15:00 -1086 Dec 30 j 19:48 -1090 May 01 j 22:45 0°8 -1085 Jan 29 j 15:15 0°≈ max. Earth dist. -1090 May 21 j 23:46 19°**8**04'53 1.01788 AU -1085 Feb 28 j 22:59 0°**)**€ -1090 Jun 02 j 11:19 $0^{\circ}\Pi$ -1085 Mar 31 j 20:00 $0^{\circ}\Upsilon$ -1090 Jul 03 j 21:29 0 \circ \odot -1085 May 02 j 03:38 0°8 -1090 Aug 03 j 22:45 0° Ω max. Earth dist. -1085 May 22 j 15:16 19°**႘**30'07 1.01788 AU

 $\Pi^{\circ}0$

0ಂತಾ

-1085 Jun 02 j 16:09

-1085 Jul 04 j 02:18

0° m

0∘**⊽**

-1090 Sep 03 j 11:13

-1090 Oct 03 j 10:38

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 34 Attention, astronomical year style is used: The year -1085 in astronomical counting style is the year 1086 BCE in historical counting style. -1085 Aug 04 j 03:36 $0^{\circ}\Omega$ max. Earth dist. -1080 May 22 j 16:26 20°818'09 1.01791 AU -1085 Sep 03 j 16:10 0° m -1080 Jun 01 j 21:03 Π °0 -1085 Oct 03 j 15:41 0∘**⊽** -1080 Jul 03 j 07:15 0ംഉ -1085 Nov 02 j 05:15 o°m. -1080 Aug 03 j 08:35 $0^{\circ}\Omega$ -1080 Sep 02 j 21:09 min. Earth dist. -1085 Nov 22 j 21:23 21°M06'29 0.98211 AU 0° m -1085 Dec 01 j 14:22 0°**∡**¹ -1080 Oct 02 j 20:39 0∘ಹ -1085 Dec 31 j 01:36 0° M 0°ಕ -1080 Nov 01 j 10:11 -1084 Jan 29 j 21:02 0°≈ min. Earth dist. -1080 Nov 22 j 12:02 21°M31'17 0.98213 AU -1084 Feb 29 j 04:46 0°**∀** -1080 Nov 30 j 19:17 0°⊀ $0^{\circ}\Upsilon$ -1084 Mar 31 j 01:46 -1080 Dec 30 j 06:30 0°ರ -1084 May 01 j 09:24 0°8 -1079 Jan 29 j 01:55 0°≈ max. Earth dist. -1084 May 23 j 10:53 21°800'05 1.01785 AU -1079 Feb 28 j 09:40 0°**)**€ $0^{\circ}\Upsilon$ -1084 Jun 01 j 21:54 $0^{\circ}\Pi$ -1079 Mar 31 j 06:44 -1084 Jul 03 j 08:04 0ಂತಾ -1079 May 01 j 14:25 0°8 -1084 Aug 03 j 09:24 $0^{\circ}\Omega$ max. Earth dist. -1079 May 22 j 00:13 19°**8**25'44 1.01788 AU -1084 Sep 02 j 21:59 0° m -1079 Jun 02 j 03:00 $0^{\circ}\Pi$ -1084 Oct 02 j 21:30 0∘**⊽** -1079 Jul 03 j 13:12 0ಂತಾ -1084 Nov 01 j 11:02 0°M -1079 Aug 03 j 14:32 0° Ω min. Earth dist. -1084 Nov 20 j 08:15 19°M16'37 0.98211 AU -1079 Sep 03 j 03:05 0° m -1084 Nov 30 j 20:08 0°**∡**7 -1079 Oct 03 j 02:33 0°Ω -1084 Dec 30 j 07:21 0°궁 -1079 Nov 01 j 16:04 0°M -1083 Jan 29 i 02:47 0°≈ min. Earth dist. -1079 Nov 21 i 03:46 19°ML53'48 0.98208 AU -1083 Feb 28 i 10:31 0°**)**€ -1079 Dec 01 i 01:09 0°×7 -1083 Mar 31 i 07:33 $0^{\circ}\Upsilon$ -1079 Dec 30 j 12:22 0°궁 -1083 May 01 j 15:12 0°8 -1078 Jan 29 j 07:48 0°≈ -1083 May 23 j 11:44 20°848'07 1.01790 AU -1078 Feb 28 j 15:33 0°**₩** max. Earth dist. -1083 Jun 02 j 03:42 -1078 Mar 31 j 12:35 $0^{\circ}\Upsilon$ 0°Π -1083 Jul 03 j 13:51 0ಂತಾ -1078 May 01 j 20:12 0°8 -1078 May 24 j 11:24 -1083 Aug 03 j 15:09 0 $^{\circ}\Omega$ max Earth dist 21°**8**32'32 1.01788 AU 0° My -1083 Sep 03 j 03:43 -1078 Jun 02 j 08:42 $0^{\circ}\Pi$ -1083 Oct 03 j 03:13 -1078 Jul 03 j 18:52 $0 \circ \sigma$ 0ಂತಾ -1083 Nov 01 j 16:46 0°M -1078 Aug 03 j 20:11 0 \circ Ω min. Earth dist. -1083 Nov 22 j 10:50 21°M11'18 0.98215 AU -1078 Sep 03 j 08:46 0° m -1083 Dec 01 j 01:52 -1078 Oct 03 j 08:17 0° **✓** 0∘ଫ 0°ಕ -1083 Dec 30 j 13:06 -1078 Nov 01 j 21:50 0°M -1082 Jan 29 j 08:34 0°≈ min. Earth dist. -1078 Nov 21 j 05:51 19°M44'11 0.98214 AU 0°**)**€ -1082 Feb 28 j 16:21 -1078 Dec 01 j 06:55 0°**⊼** -1082 Mar 31 j 13:26 $0^{\circ}\Upsilon$ -1078 Dec 30 j 18:09 0°ರ -1082 May 01 j 21:08 0° 8 -1077 Jan 29 j 13:34 0°≈ max. Earth dist. -1082 May 21 j 22:39 19°**8**06'09 1.01786 AU -1077 Feb 28 j 21:19 0°**)**€ -1082 Jun 02 j 09:39 $0^{\circ}II$ -1077 Mar 31 j 18:20 $0^{\circ}\Upsilon$ -1082 Jul 03 j 19:47 0ಂತಾ -1077 May 02 j 01:59 0°8 -1082 Aug 03 j 21:03 $0^{\circ}\Omega$ max. Earth dist. -1077 May 22 j 21:06 19°847'50 1.01790 AU -1082 Sep 03 j 09:35 -1077 Jun 02 j 14:30 0° M $0^{\circ}\Pi$ -1082 Oct 03 j 09:05 -1077 Jul 04 j 00:42 0∘**⊽** -1082 Nov 01 j 22:40 0°M -1077 Aug 04 i 02:05 $0^{\circ}\Omega$ min. Earth dist. -1082 Nov 22 i 02:23 20°M34'43 0.98211 AU -1077 Sep 03 i 14:43 0° m -1082 Dec 01 i 07:47 0°**∡**′ -1077 Oct 03 j 14:17 0∘**⊽** -1082 Dec 30 j 19:02 0°정 -1077 Nov 02 i 03:50 0°M -1081 Jan 29 j 14:27 0°**≈** -1077 Nov 23 j 04:32 21°ML28'29 0.98207 AU min. Earth dist. -1081 Feb 28 j 22:11 0°**₩** -1077 Dec 01 j 12:53 0°×7 $0^{\circ}\Upsilon$ 0°궁 -1081 Mar 31 j 19:11 -1077 Dec 31 j 00:01 -1081 May 02 j 02:48 0°8 -1076 Jan 29 j 19:22 0°≈≈ -1076 Feb 29 j 03:04 max. Earth dist. -1081 May 24 j 16:26 21°828'54 1.01784 AU 0°**∀** -1081 Jun 02 j 15:16 $\Pi^{\circ}0$ -1076 Mar 31 j 00:05 0° -1081 Jul 04 j 01:23 0°9 -1076 May 01 j 07:45 0°8 -1081 Aug 04 j 02:41 0° Ω max. Earth dist. -1076 May 22 j 19:06 20°**8**26'27 1.01788 AU -1081 Sep 03 j 15:15 -1076 Jun 01 j 20:19 $0^{\circ}\Pi$ 0° m -1081 Oct 03 j 14:48 0∘**⊽** -1076 Jul 03 j 06:33 0ಂತಾ -1081 Nov 02 j 04:24 0°M -1076 Aug 03 j 07:57 0 $^{\circ}$ Ω 19°M21'17 0.98216 AU min. Earth dist. -1081 Nov 21 j 03:30 -1076 Sep 02 j 20:37 0° m -1081 Dec 01 j 13:33 0°**∡**¹ -1076 Oct 02 j 20:12 0∘**⊽** -1081 Dec 31 j 00:47 0°궁 -1076 Nov 01 j 09:46 0°M -1080 Jan 29 j 20:11 0°≈ min. Earth dist. -1076 Nov 20 j 16:40 19°**M**.41'25 0.98206 AU -1080 Feb 29 j 03:53 0°**)** -1076 Nov 30 j 18:50 0°**∡**7 $0^{\circ}\Upsilon$ -1076 Dec 30 j 05:57 0°정 -1080 Mar 31 j 00:53

-1075 Jan 29 j 01:16

0°≈

 0° 8

-1080 May 01 j 08:31

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 35 Attention, astronomical year style is used: The year -1075 in astronomical counting style is the year 1076 BCE in historical counting style. -1075 Feb 28 j 08:54 0°**∀** -1071 Dec 01 j 00:09 0°×7 -1075 Mar 31 j 05:53 $0^{\circ}\Upsilon$ -1071 Dec 30 j 11:21 0°궁 -1070 Jan 29 j 06:44 0°8 -1075 May 01 j 13:33 0°≈≈ -1075 May 23 j 19:19 21°809'59 1.01793 AU -1070 Feb 28 j 14:25 0°**)**€ max. Earth dist. $0^{\circ}\Upsilon$ -1075 Jun 02 j 02:07 $0^{\circ}\Pi$ -1070 Mar 31 j 11:22 -1075 Jul 03 j 12:20 0°9 -1070 May 01 j 18:56 0°8 -1075 Aug 03 j 13:42 0° Ω max. Earth dist. -1070 May 24 j 13:09 21°**8**39'51 1.01783 AU -1075 Sep 03 j 02:21 0° m -1070 Jun 02 j 07:22 0°II -1075 Oct 03 j 01:56 0。Շ -1070 Jul 03 j 17:29 0ಂಪ -1075 Nov 01 j 15:31 0° M -1070 Aug 03 j 18:48 0° Ω min. Earth dist. -1075 Nov 22 j 06:57 21°ML04'29 0.98214 AU -1070 Sep 03 j 07:27 0° M -1075 Dec 01 j 00:38 0°**∡**¹ -1070 Oct 03 j 07:05 0∘**⊽** -1075 Dec 30 j 11:49 0°궁 -1070 Nov 01 j 20:44 0°M -1074 Jan 29 j 07:10 0°**≈** min. Earth dist. -1070 Nov 21 j 03:29 19°M40'45 0.98218 AU -1074 Feb 28 j 14:50 0°**)**€ -1070 Dec 01 j 05:54 0°**⊼** -1074 Mar 31 j 11:49 $0^{\circ}\Upsilon$ -1070 Dec 30 j 17:08 0°정 -1074 May 01 j 19:29 0° 8 -1069 Jan 29 j 12:31 0°≈ max. Earth dist. -1074 May 22 j 05:19 19°**8**25'49 1.01790 AU -1069 Feb 28 j 20:10 0°\ -1074 Jun 02 j 08:03 $0^{\circ}\Pi$ -1069 Mar 31 j 17:07 $0^{\circ}\Upsilon$ -1074 Jul 03 j 18:16 0ಂತಾ -1069 May 02 j 00:41 0°8 -1074 Aug 03 j 19:39 $0^{\circ}\Omega$ max. Earth dist. -1069 May 23 j 03:54 20°807'04 1.01787 AU -1074 Sep 03 i 08:17 0° m -1069 Jun 02 j 13:11 $\Pi^{\circ}0$ -1074 Oct 03 i 07:52 0∘**⊽** -1069 Jul 03 i 23:20 0ಂತಾ -1074 Nov 01 j 21:29 0°M -1069 Aug 04 j 00:42 $0^{\circ}\Omega$ min. Earth dist. -1074 Nov 22 j 11:42 21°ML01'29 0.98212 AU -1069 Sep 03 j 13:21 0° m -1074 Dec 01 j 06:38 0°**∡**¹ -1069 Oct 03 j 12:59 0∘Ω -1074 Dec 30 j 17:52 0°る -1069 Nov 02 j 02:37 oom. -1069 Nov 23 j 09:58 -1073 Jan 29 j 13:13 0°≈≈ min. Earth dist. 21°M45'19 0.98213 AU 0°**₩** -1073 Feb 28 j 20:50 -1069 Dec 01 j 11:45 0°×7 $0^{\circ}\Upsilon$ -1069 Dec 30 j 22:56 -1073 Mar 31 j 17:43 0°궁 -1073 May 02 j 01:16 0°8 -1068 Jan 29 j 18:16 0°≈ max. Earth dist. -1073 May 24 j 18:30 21°**8**37'33 1.01784 AU -1068 Feb 29 j 01:54 0°)(-1073 Jun 02 j 13:44 -1068 Mar 30 j 22:51 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1073 Jul 03 j 23:56 0ಂತಾ -1068 May 01 j 06:27 0° 8 -1073 Aug 04 j 01:20 0 \circ Ω max. Earth dist. -1068 May 22 j 05:46 19°**8**57'55 1.01786 AU -1073 Sep 03 j 14:02 0° M -1068 Jun 01 j 19:00 $0^{\circ}\Pi$ -1073 Oct 03 j 13:40 0∘**⊽** -1068 Jul 03 j 05:13 0ಂತಾ -1073 Nov 02 j 03:18 0° M -1068 Aug 03 j 06:36 $0^{\circ}\Omega$ min. Earth dist. -1073 Nov 21 j 04:05 19°M25'34 0.98215 AU -1068 Sep 02 j 19:15 -1073 Dec 01 j 12:27 0°⊀ -1068 Oct 02 j 18:51 0∘**⊽** -1073 Dec 30 j 23:40 0°ರ -1068 Nov 01 j 08:26 -1072 Jan 29 j 19:01 -1068 Nov 20 j 20:10 19°M53'44 0.98210 AU 0°≈ min. Earth dist. -1072 Feb 29 j 02:39 0°**)**€ -1068 Nov 30 j 17:33 0°×7 -1072 Mar 30 j 23:32 $0^{\circ}\Upsilon$ -1068 Dec 30 j 04:44 -1072 May 01 j 07:04 -1067 Jan 29 j 00:05 0°8 max. Earth dist. -1072 May 23 i 04:59 20°851'29 1.01789 AU -1067 Feb 28 i 07:42 0°**∀** -1072 Jun 01 j 19:33 $0^{\circ}II$ -1067 Mar 31 i 04:38 $0^{\circ}\Upsilon$ -1072 Jul 03 i 05:47 0ಂತಾ -1067 May 01 j 12:14 0°8 -1072 Aug 03 j 07:13 $0^{\circ}\Omega$ max. Earth dist. -1067 May 24 j 02:01 21°829'07 1.01791 AU -1072 Sep 02 j 19:55 0° m -1067 Jun 02 j 00:46 0°Π -1072 Oct 02 j 19:31 0∘**⊽** -1067 Jul 03 j 10:59 0ംഉ -1067 Aug 03 j 12:21 -1072 Nov 01 j 09:07 oom. $0^{\circ}\Omega$ 21°M36'14 0.98214 AU 0° M min Earth dist -1072 Nov 22 j 12:56 -1067 Sep 03 j 00:59 -1072 Nov 30 j 18:13 0°×7 -1067 Oct 03 j 00:33 0∘ಹ -1072 Dec 30 j 05:25 0°ರ -1067 Nov 01 j 14:07 0°M -1071 Jan 29 j 00:48 0°≈ min. Earth dist. -1067 Nov 21 j 12:29 20°M20'51 0.98215 AU -1071 Feb 28 j 08:29 0°**)**€ 0°×7 -1067 Nov 30 j 23:13 $0^{\circ}\Upsilon$ 0°ರ -1071 Mar 31 j 05:28 -1067 Dec 30 j 10:26 -1071 May 01 j 13:04 0°8 -1066 Jan 29 j 05:49 0°≈ 0°**)**€ max. Earth dist. -1071 May 21 j 22:41 19°**8**25'25 1.01785 AU -1066 Feb 28 j 13:29 $0^{\circ}\Upsilon$ -1071 Jun 02 j 01:35 Π $^{\circ}0$ -1066 Mar 31 j 10:27 -1071 Jul 03 j 11:47 0 \circ \odot -1066 May 01 j 18:04 0°8 -1071 Aug 03 j 13:10 0° Ω max. Earth dist. -1066 May 22 j 10:27 19°**8**41'23 1.01790 AU -1071 Sep 03 j 01:50 0° m -1066 Jun 02 j 06:37 $0^{\circ}\Pi$ -1071 Oct 03 j 01:26 0∘**⊽** -1066 Jul 03 j 16:51 0 \circ \odot -1071 Nov 01 j 15:02 $0^{\circ}\Omega$ -1066 Aug 03 j 18:15

min. Earth dist.

-1071 Nov 21 j 15:18

20°M25'50 0.98210 AU

-1066 Sep 03 j 06:55

0° M

•			•		G 18-Feb-2025 14:21,		6
Attention, astronom		-	n astronomical co	unting style is the year	ar 1067 BCE in historical c		
	-1066 Oct 03 j 06:30	0° ៤			-1061 Jul 03 j 21:34	0 ം ${f U}$	
min. Earth dist.	-1066 Nov 01 j 20:05 -1066 Nov 22 j 16:48	21°ML18'13	0.98209 AU		-1061 Aug 03 j 23:02 -1061 Sep 03 j 11:48	0° m	
iiiii. Lattii dist.	-1066 Dec 01 j 05:11	0°×7	0.90209710		-1061 Oct 03 j 11:29	0° ত	
	-1066 Dec 30 j 16:21	0°ප			-1061 Nov 02 j 01:08	0°M	
	-1065 Jan 29 j 11:41	0° ≈		min. Earth dist.	-1061 Nov 23 j 12:22		0.98214 AU
	-1065 Feb 28 j 19:18	0°)			-1061 Dec 01 j 10:16	0° ∡ ¹	
	-1065 Mar 31 j 16:12	0° Y			-1061 Dec 30 j 21:25	0° ප	
	-1065 May 01 j 23:45	0 \circ 8			-1060 Jan 29 j 16:43	0° ≈	
max. Earth dist.	-1065 May 24 j 07:56	21° 8 16'04	1.01784 AU		-1060 Feb 29 j 00:16	0° ∀	
	-1065 Jun 02 j 12:14	0°II			-1060 Mar 30 j 21:08	0° Υ	
	-1065 Jul 03 j 22:27	0 ം ${f U}$		max. Earth dist.	-1060 May 01 j 04:40	0° 8	1 01705 AII
	-1065 Aug 03 j 23:53 -1065 Sep 03 j 12:38	0° m)		max. Earm dist.	-1060 May 22 j 02:18 -1060 Jun 01 j 17:10	19° ႘ 54'03 0° Ⅱ	1.01785 AU
	-1065 Oct 03 j 12:18	0∘ ত المار			-1060 Jul 03 j 03:26	0°©	
	-1065 Nov 02 j 01:55	0° ™			-1060 Aug 03 j 04:55	$0^{\circ}\Omega$	
min. Earth dist.	-1065 Nov 21 j 07:39	19°MJ38'21	0.98210 AU		-1060 Sep 02 j 17:42	0° m	
	-1065 Dec 01 j 11:01	0° ∡ ¹			-1060 Oct 02 j 17:23	0∘ ⊽	
	-1065 Dec 30 j 22:09	0°ರ			-1060 Nov 01 j 07:02	0° M	
	-1064 Jan 29 j 17:25	0° ≈		min. Earth dist.	-1060 Nov 21 j 04:58	20°M19'52	0.98208 AU
	-1064 Feb 29 j 01:00	0° ∀			-1060 Nov 30 j 16:08	0° ∡ ¹	
	-1064 Mar 30 j 21:53	0° Υ			-1060 Dec 30 j 03:17	0° ට	
E d Ed	-1064 May 01 j 05:26	0°8	1.01702.411		-1059 Jan 28 j 22:34	0° ≈	
max. Earth dist.	-1064 May 23 j 11:51 -1064 Jun 01 j 17:57	21° 8 11'38 0° Ⅱ	1.01792 AU		-1059 Feb 28 j 06:08 -1059 Mar 31 j 03:00	0° ℋ 0° Ƴ	
	-1064 Jul 03 j 04:12	0ಂಣ ೧ π			-1059 May 01 j 10:32	0° 8	
	-1064 Aug 03 j 05:40	0° U		max. Earth dist.	-1059 May 01 j 10.32 -1059 May 24 j 08:19		1.01788 AU
	-1064 Sep 02 j 18:25	0° m)		max. Earth dist.	-1059 Jun 01 j 23:01	0°II	1.01700710
	-1064 Oct 02 j 18:05	0∘ ⊽			-1059 Jul 03 j 09:13	0	
	-1064 Nov 01 j 07:42	0° M .			-1059 Aug 03 j 10:39	$0^{\circ}\Omega$	
min. Earth dist.	-1064 Nov 22 j 12:05	21°MJ37'41	0.98212 AU		-1059 Sep 02 j 23:24	0° m	
	-1064 Nov 30 j 16:47	0° ∡ ¹			-1059 Oct 02 j 23:05	0∘ ⊽	
	-1064 Dec 30 j 03:54	0°ප			-1059 Nov 01 j 12:45	0°M	
	-1063 Jan 28 j 23:10	0° ≈		min. Earth dist.	-1059 Nov 21 j 06:37		0.98216 AU
	-1063 Feb 28 j 06:45	0° ∀ 0° Υ			-1059 Nov 30 j 21:53	0°⊀⊓	
	-1063 Mar 31 j 03:41 -1063 May 01 j 11:18	0°8			-1059 Dec 30 j 09:03 -1058 Jan 29 j 04:22	0°る 0°≈	
max. Earth dist.	-1063 May 21 j 22:10		1.01790 AU		-1058 Feb 28 j 11:58	0° ∺	
max. Earth tist.	-1063 Jun 01 j 23:52	0°Ⅱ	1.01770710		-1058 Mar 31 j 08:52	0° Υ	
	-1063 Jul 03 j 10:08	0ංම _			-1058 May 01 j 16:25	0°8	
	-1063 Aug 03 j 11:35	$0^{\circ}\Omega$		max. Earth dist.	-1058 May 22 j 16:49	20° 8 00'27	1.01788 AU
	-1063 Sep 03 j 00:18	0° m)			-1058 Jun 02 j 04:55	$\Pi^{\circ}0$	
	-1063 Oct 02 j 23:57	0∘ ⊽			-1058 Jul 03 j 15:08	0ಂತಾ	
	-1063 Nov 01 j 13:36	0° M ₊			-1058 Aug 03 j 16:34	$0^{\circ}\Omega$	
min. Earth dist.	-1063 Nov 22 j 01:26	20°M55'26	0.98209 AU		-1058 Sep 03 j 05:19	0° Mp	
	-1063 Nov 30 j 22:43	0°る			-1058 Oct 03 j 05:01	0∘ w	
	-1063 Dec 30 j 09:52 -1062 Jan 29 j 05:09	0°≈		min. Earth dist.	-1058 Nov 01 j 18:42 -1058 Nov 23 j 02:07	0° ጤ 21° ጤ 45'25	0.98213 AU
	-1062 Feb 28 j 12:43	0° ∺		iiiii. Lattii dist.	-1058 Dec 01 j 03:52	0°×7	0.76213 AC
	-1062 Mar 31 j 09:35	0° Υ			-1058 Dec 30 j 15:02	0°ප	
	-1062 May 01 j 17:06	0°8			-1057 Jan 29 j 10:18	0° ≈	
max. Earth dist.	-1062 May 24 j 14:55	21° 8 48'24	1.01785 AU		-1057 Feb 28 j 17:51	0°)	
	-1062 Jun 02 j 05:35	Π °0			-1057 Mar 31 j 14:41	$0^{\circ}\Upsilon$	
	-1062 Jul 03 j 15:46	0ංම			-1057 May 01 j 22:11	0° 8	
	-1062 Aug 03 j 17:11	0 $^{\circ}\Omega$		max. Earth dist.	-1057 May 23 j 17:49		1.01782 AU
	-1062 Sep 03 j 05:54	0° m)			-1057 Jun 02 j 10:40	0°II	
	-1062 Oct 03 j 05:34	ი∘ ო 0∘ ত			-1057 Jul 03 j 20:53	0.ಲ	
min. Earth dist.	-1062 Nov 01 j 19:15 -1062 Nov 21 j 00:13	0°ጤ 19°ጤ36'11	0.98218 AU		-1057 Aug 03 j 22:20 -1057 Sep 03 j 11:06	0° Ω 0° ™	
ann. Darui dist.	-1062 Nov 21 j 00:13	0° ∡ 7	5.75215 AU		-1057 Oct 03 j 10:50	0° ح	
	-1062 Dec 30 j 15:39	0°ਤ ਹ ×			-1057 Nov 02 j 00:32	0° M	
	-1061 Jan 29 j 10:58	0° ≈		min. Earth dist.	-1057 Nov 21 j 12:58	19°M55'20	0.98214 AU
	-1061 Feb 28 j 18:32	0° ∀			-1057 Dec 01 j 09:43	0° ∡ ¹	
	-1061 Mar 31 j 15:21	0° Ƴ			-1057 Dec 30 j 20:54	0° ප	
_	-1061 May 01 j 22:51	0°8			-1056 Jan 29 j 16:09	0° ≈	
max. Earth dist.	-1061 May 23 j 16:09	20° 8 40'35	1.01788 AU		-1056 Feb 28 j 23:40	0°) €	
	-1061 Jun 02 j 11:19	0°Щ			-1056 Mar 30 j 20:28	0° Υ	

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 37 Attention, astronomical year style is used: The year -1056 in astronomical counting style is the year 1057 BCE in historical counting style. -1056 May 01 j 03:58 0°8 -1051 Jan 28 j 21:21 0°≈ -1056 May 23 j 19:39 21°833'40 1.01790 AU -1051 Feb 28 j 04:50 0°**₩** max Earth dist -1051 Mar 31 j 01:39 -1056 Jun 01 j 16:28 $0^{\circ}II$ $0^{\circ}\Upsilon$ 0° 8 -1056 Jul 03 j 02:44 000 -1051 May 01 j 09:11 $0^{\circ}\Omega$ -1056 Aug 03 j 04:12 max. Earth dist. -1051 May 24 j 11:06 21°**8**58'04 1.01789 AU -1056 Sep 02 j 16:58 -1051 Jun 01 j 21:41 0° m $0^{\circ}\Pi$ -1056 Oct 02 j 16:39 0∘**⊽** -1051 Jul 03 j 07:56 0°9 -1056 Nov 01 j 06:18 0° M -1051 Aug 03 j 09:25 $0^{\circ}\Omega$ min. Earth dist. -1056 Nov 22 j 01:24 21°M13'47 0.98216 AU -1051 Sep 02 j 22:12 0° m -1056 Nov 30 j 15:26 0°**∡**¹ -1051 Oct 02 j 21:56 0°Ω -1056 Dec 30 j 02:36 0°ಕ -1051 Nov 01 j 11:38 0°M -1055 Jan 28 j 21:53 0°≈ min. Earth dist. -1051 Nov 21 j 00:39 19°M56'45 0.98216 AU -1055 Feb 28 j 05:27 0°**)**€ -1051 Nov 30 j 20:48 0°**∡**7 -1055 Mar 31 j 02:19 $0^{\circ}\Upsilon$ -1051 Dec 30 j 07:57 0°정 -1055 May 01 j 09:53 0° 8 -1050 Jan 29 j 03:12 0°≈ max. Earth dist. -1055 May 22 j 01:53 19°840'30 1.01790 AU -1050 Feb 28 j 10:41 0°**)**€ -1055 Jun 01 j 22:27 $0^{\circ}II$ -1050 Mar 31 j 07:29 $0^{\circ}\Upsilon$ -1055 Jul 03 j 08:44 0ಂತಾ -1050 May 01 j 15:00 0°8 -1055 Aug 03 j 10:13 $0^{\circ}\Omega$ max. Earth dist. -1050 May 23 j 02:49 20°**8**27'31 1.01790 AU -1055 Sep 02 j 22:59 0° M -1050 Jun 02 j 03:31 Π °0 -1055 Oct 02 j 22:38 0∘**⊽** -1050 Jul 03 j 13:48 0ಂತಾ -1055 Nov 01 j 12:16 0°M -1050 Aug 03 j 15:18 $0^{\circ}\Omega$ min. Earth dist. -1055 Nov 22 i 06:55 21°ML12'51 0.98210 AU -1050 Sep 03 i 04:06 0° m -1055 Nov 30 j 21:23 0°**∡**¹ -1050 Oct 03 i 03:50 0∘**⊽** -1055 Dec 30 j 08:33 0°궁 -1050 Nov 01 j 17:33 $0^{\circ}M$ -1054 Jan 29 j 03:52 -1050 Nov 23 j 06:43 22°M00'03 0.98215 AU 0°≈≈ min. Earth dist. -1054 Feb 28 j 11:26 0°**₩** -1050 Dec 01 j 02:43 0°×7 -1054 Mar 31 j 08:17 $0^{\circ}\Upsilon$ -1050 Dec 30 j 13:53 0°₹ -1049 Jan 29 j 09:07 -1054 May 01 j 15:47 0°8 0°≈≈ -1054 May 24 j 10:47 -1049 Feb 28 j 16:35 0°**∀** max. Earth dist. 21°**8**41'47 1.01783 AU $0^{\circ}\Upsilon$ -1054 Jun 02 j 04:15 -1049 Mar 31 j 13:19 $0^{\circ}\Pi$ -1049 May 01 j 20:46 -1054 Jul 03 j 14:27 0°9 0° 8 -1054 Aug 03 j 15:55 0 $^{\circ}\Omega$ max. Earth dist. -1049 May 23 j 09:58 20°**8**31'06 1.01783 AU -1054 Sep 03 j 04:41 -1049 Jun 02 j 09:13 0° M $0^{\circ}\Pi$ -1054 Oct 03 j 04:23 -1049 Jul 03 j 19:29 0∘**⊽** 0ಂತಾ -1049 Aug 03 j 21:02 -1054 Nov 01 j 18:04 0°M 0 \circ Ω min. Earth dist. -1054 Nov 20 j 22:38 19°M35'16 0.98214 AU -1049 Sep 03 j 09:53 0° m -1054 Dec 01 j 03:12 0°**∡**¹ -1049 Oct 03 j 09:40 0∘**⊽** -1054 Dec 30 j 14:22 0°ರ -1049 Nov 01 j 23:23 $0^{\circ}M$ -1053 Jan 29 j 09:40 0°**≈** min. Earth dist. -1049 Nov 21 j 18:55 20°M13'34 0.98212 AU -1053 Feb 28 j 17:13 0°**)**€ -1049 Dec 01 j 08:33 0°**⊼** -1053 Mar 31 j 14:02 $0^{\circ}\Upsilon$ -1049 Dec 30 j 19:42 0°정 -1053 May 01 j 21:32 0° 8 -1048 Jan 29 j 14:56 -1053 May 24 j 00:16 21°802'59 1.01788 AU -1048 Feb 28 j 22:23 max. Earth dist. -1053 Jun 02 j 10:00 -1048 Mar 30 j 19:07 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1053 Jul 03 i 20:15 0ಂತಾ -1048 May 01 i 02:32 0°8 -1053 Aug 03 j 21:45 $0^{\circ}\Omega$ max. Earth dist. -1048 May 24 i 04:34 21°858'26 1.01788 AU -1053 Sep 03 i 10:35 0° m -1048 Jun 01 i 14:59 $0^{\circ}II$ -1053 Oct 03 j 10:20 0∘**⊽** -1048 Jul 03 j 01:15 0ಂತಾ $0^{\circ}\Omega$ -1053 Nov 02 j 00:00 0°M -1048 Aug 03 j 02:48 -1053 Nov 23 j 13:33 22°M01'05 0.98212 AU -1048 Sep 02 j 15:39 min Earth dist 0° m -1053 Dec 01 j 09:06 0°×7 -1048 Oct 02 j 15:24 0∘Ω 0°る -1053 Dec 30 j 20:11 -1048 Nov 01 j 05:06 0°M -1052 Jan 29 j 15:24 0°≈ min. Earth dist. -1048 Nov 21 j 16:24 20°M53'50 0.98215 AU -1052 Feb 28 j 22:55 0°**)**€ -1048 Nov 30 j 14:12 0°×7 $0^{\circ}\Upsilon$ -1052 Mar 30 j 19:46 -1048 Dec 30 j 01:20 0°정 -1052 May 01 j 03:19 0°8 -1047 Jan 28 j 20:34 0°≈ 19°**8**42'49 1.01788 AU 0°\ max. Earth dist. -1052 May 21 j 20:16 -1047 Feb 28 j 04:05 $0^{\circ}\Pi$ $0^{\circ}\Upsilon$ -1052 Jun 01 j 15:51 -1047 Mar 31 j 00:53 -1052 Jul 03 j 02:09 0ಂತಾ -1047 May 01 j 08:24 0°8 -1052 Aug 03 j 03:41 0 \circ Ω max. Earth dist. -1047 May 22 j 07:16 19°**8**56'53 1.01788 AU -1052 Sep 02 j 16:32 0° m -1047 Jun 01 j 20:54 $0^{\circ}\Pi$ -1052 Oct 02 j 16:17 0∘**⊽** -1047 Jul 03 j 07:10 0 \circ \odot -1052 Nov 01 j 05:58 0°M -1047 Aug 03 j 08:42 0 $^{\circ}$ Ω min. Earth dist. -1052 Nov 21 j 15:20 20°M49'06 0.98208 AU -1047 Sep 02 j 21:32 0° m 0°×7 -1047 Oct 02 j 21:18 0∘**ত** -1052 Nov 30 j 15:04

0°M

-1047 Nov 01 j 11:00

0°₹

-1052 Dec 30 j 02:10

```
Attention, astronomical year style is used: The year -1047 in astronomical counting style is the year 1048 BCE in historical counting style.
                     -1047 Nov 22 j 16:44 21°M-41'09 0.98211 AU
                                                                                                  -1042 Sep 03 j 02:29
                                                                                                                           0° m
min. Earth dist.
                     -1047 Nov 30 j 20:08
                                                                                                  -1042 Oct 03 j 02:16
                                              0°×7
                                                                                                                           0∘Ω
                     -1047 Dec 30 j 07:15
                                              0°る
                                                                                                  -1042 Nov 01 j 15:59
                                                                                                                           oom.
                     -1046 Jan 29 j 02:30
                                                                                                  -1042 Nov 23 j 09:44
                                                                                                                          22°M11'50 0.98212 AU
                                              0°≈≈
                                                                             min. Earth dist.
                                              0°)€
                     -1046 Feb 28 j 10:00
                                                                                                  -1042 Dec 01 j 01:06
                                                                                                                           0°⊀
                                              0^{\circ}\Upsilon
                     -1046 Mar 31 j 06:48
                                                                                                  -1042 Dec 30 j 12:12
                                                                                                                           0°ಕ
                     -1046 May 01 j 14:15
                                              0^{\circ}8
                                                                                                  -1041 Jan 29 j 07:22
                                                                                                                           0°≈
max. Earth dist.
                     -1046 May 24 j 01:10
                                             21°822'39 1.01781 AU
                                                                                                  -1041 Feb 28 j 14:48
                                                                                                                           0°∀
                                                                                                                           0^{\circ}\Upsilon
                     -1046 Jun 02 j 02:41
                                              0^{\circ}\Pi
                                                                                                  -1041 Mar 31 j 11:32
                     -1046 Jul 03 j 12:53
                                              0ಂತಾ
                                                                                                  -1041 May 01 j 18:59
                                                                                                                           0°B
                     -1046 Aug 03 j 14:20
                                              0°\Omega
                                                                             max. Earth dist.
                                                                                                  -1041 May 22 j 23:29
                                                                                                                          20°810'26 1.01784 AU
                                                                                                  -1041 Jun 02 j 07:27
                     -1046 Sep 03 j 03:09
                                              0° M
                                                                                                                           \Pi°0
                     -1046 Oct 03 j 02:56
                                              0∘⊽
                                                                                                  -1041 Jul 03 j 17:46
                                                                                                                           0ಂತಾ
                     -1046 Nov 01 j 16:42
                                              0°M
                                                                                                  -1041 Aug 03 j 19:23
                                                                                                                           0^{\circ}\Omega
min. Earth dist.
                     -1046 Nov 21 j 03:22
                                             19°M50'46 0.98216 AU
                                                                                                  -1041 Sep 03 j 08:19
                                                                                                                           0° m
                     -1046 Dec 01 j 01:53
                                              0°√
                                                                                                  -1041 Oct 03 j 08:11
                                                                                                                           0∘⊽
                     -1046 Dec 30 j 13:02
                                              0°ರ
                                                                                                  -1041 Nov 01 j 21:56
                                                                                                                           0°M
                     -1045 Jan 29 j 08:16
                                              0°≈
                                                                             min. Earth dist.
                                                                                                  -1041 Nov 22 j 05:02
                                                                                                                          20°M43'11 0.98208 AU
                     -1045 Feb 28 j 15:43
                                              0°)€
                                                                                                  -1041 Dec 01 j 07:04
                                                                                                                           0°∡7
                     -1045 Mar 31 j 12:28
                                              0^{\circ}\Upsilon
                                                                                                  -1041 Dec 30 j 18:08
                                                                                                                           0°정
                     -1045 May 01 j 19:55
                                              0°8
                                                                                                  -1040 Jan 29 j 13:15
                                                                                                                           0°≈
max. Earth dist.
                     -1045 May 24 i 08:16
                                             21°825'51 1.01787 AU
                                                                                                  -1040 Feb 28 i 20:38
                                                                                                                           0°∀
                     -1045 Jun 02 j 08:22
                                              0^{\circ}\Pi
                                                                                                  -1040 Mar 30 i 17:19
                                                                                                                           0^{\circ}\Upsilon
                     -1045 Jul 03 i 18:36
                                              0ಂತಾ
                                                                                                  -1040 May 01 j 00:45
                                                                                                                           0°8
                     -1045 Aug 03 j 20:07
                                              0^{\circ}\Omega
                                                                             max. Earth dist.
                                                                                                  -1040 May 24 j 09:21
                                                                                                                          22°813'59 1.01789 AU
                     -1045 Sep 03 j 08:57
                                                                                                  -1040 Jun 01 j 13:14
                                              0^{\circ} mb
                                                                                                                           \Pi°0
                     -1045 Oct 03 j 08:44
                                                                                                  -1040 Jul 02 j 23:32
                                              0∘ഹ
                                                                                                                           0ംഉ
                     -1045 Nov 01 j 22:28
                                              o°m.
                                                                                                  -1040 Aug 03 j 01:09
                                                                                                                           0^{\circ}\Omega
                                             21°M.53'59 0.98216 AU
                                                                                                  -1040 Sep 02 j 14:05
min Earth dist
                     -1045 Nov 23 j 09:17
                                                                                                                           0° m
                                                                                                  -1040 Oct 02 j 13:56
                     -1045 Dec 01 j 07:36
                                              0° ₹
                                                                                                                           0∘Ω
                                              0°ჳ
                     -1045 Dec 30 j 18:43
                                                                                                  -1040 Nov 01 j 03:41
                                                                                                                           0°M
                                                                             min. Earth dist.
                     -1044 Jan 29 j 13:54
                                                                                                  -1040 Nov 21 j 10:02
                                                                                                                          20°M41'05 0.98214 AU
                                              0°≈
                     -1044 Feb 28 j 21:21
                                              0°)
                                                                                                  -1040 Nov 30 j 12:49
                                                                                                                           0°∡¹
                                              0^{\circ}\Upsilon
                                                                                                  -1040 Dec 29 j 23:53
                     -1044 Mar 30 j 18:08
                                                                                                                           0°궁
                                              0^{\circ}8
                     -1044 May 01 j 01:38
                                                                                                  -1039 Jan 28 j 19:01
                                                                                                                           0°≈
max. Earth dist.
                     -1044 May 21 j 20:09
                                             19°846'33 1.01788 AU
                                                                                                  -1039 Feb 28 j 02:24
                                                                                                                           0°₩
                     -1044 Jun 01 j 14:10
                                              \Pi^{\circ}0
                                                                                                  -1039 Mar 30 j 23:08
                                                                                                                           0^{\circ}\Upsilon
                     -1044 Jul 03 j 00:30
                                              0ಂತಾ
                                                                                                  -1039 May 01 j 06:37
                                                                                                                           0°8
                     -1044 Aug 03 j 02:04
                                              0^{\circ}\Omega
                                                                             max. Earth dist.
                                                                                                  -1039 May 22 j 15:26
                                                                                                                          20°820'27 1.01791 AU
                     -1044 Sep 02 j 14:55
                                              0° M
                                                                                                  -1039 Jun 01 j 19:09
                                                                                                                           \Pi^{\circ}0
                     -1044 Oct 02 j 14:40
                                              0∘⊽
                                                                                                  -1039 Jul 03 j 05:30
                                                                                                                           0ಂತಾ
                     -1044 Nov 01 j 04:22
                                                                                                  -1039 Aug 03 j 07:06
                                              0°M
                                                                                                                           0°\Omega
                     -1044 Nov 21 j 21:40
                                             21°ML09'22 0.98209 AU
                                                                                                  -1039 Sep 02 j 20:01
min. Earth dist.
                                                                                                                           0° M
                     -1044 Nov 30 j 13:29
                                                                                                  -1039 Oct 02 j 19:52
                                              0° ₹
                     -1044 Dec 30 j 00:36
                                              0°₹
                                                                                                  -1039 Nov 01 j 09:38
                                                                                                                           0°M
                     -1043 Jan 28 j 19:48
                                              0°≈
                                                                             min. Earth dist.
                                                                                                  -1039 Nov 23 i 01:01
                                                                                                                          22°M05'41 0.98213 AU
                     -1043 Feb 28 i 03:14
                                              0°)€
                                                                                                  -1039 Nov 30 j 18:48
                                                                                                                           0°×7
                     -1043 Mar 30 j 24:00
                                              0^{\circ}\Upsilon
                                                                                                  -1039 Dec 30 i 05:55
                                                                                                                           0°궁
                     -1043 May 01 j 07:29
                                              0°8
                                                                                                  -1038 Jan 29 i 01:05
                                                                                                                           0°≈
                                             22°804'19 1.01788 AU
max. Earth dist.
                     -1043 May 24 j 12:00
                                                                                                  -1038 Feb 28 j 08:28
                                                                                                                           0°₩
                     -1043 Jun 01 j 19:59
                                              0^{\circ}\Pi
                                                                                                  -1038 Mar 31 j 05:09
                                                                                                                           0^{\circ}\Upsilon
                     -1043 Jul 03 j 06:15
                                              0ಂತಾ
                                                                                                                           0°8
                                                                                                  -1038 May 01 j 12:33
                                                                                                                          21°812'50 1.01782 AU
                     -1043 Aug 03 j 07:47
                                              0^{\circ}\Omega
                                                                             max Earth dist
                                                                                                  -1038 May 23 j 19:19
                                                                                                  -1038 Jun 02 j 01:00
                     -1043 Sep 02 j 20:36
                                              0^{\circ} mb
                                                                                                                           0^{\circ}\Pi
                     -1043 Oct 02 j 20:21
                                              0∘ଫ
                                                                                                  -1038 Jul 03 j 11:16
                                                                                                                           0ಂತಾ
                                              0°M
                                                                                                                           0°\Omega
                     -1043 Nov 01 j 10:02
                                                                                                  -1038 Aug 03 j 12:50
min. Earth dist.
                                             19°M43'29 0.98214 AU
                                                                                                                           0°Щ
                     -1043 Nov 20 j 17:50
                                                                                                  -1038 Sep 03 j 01:44
                     -1043 Nov 30 j 19:09
                                              0° ₹
                                                                                                  -1038 Oct 03 j 01:36
                                                                                                                           0∘ଫ
                                              0°궁
                     -1043 Dec 30 j 06:17
                                                                                                  -1038 Nov 01 j 15:24
                                                                                                                           0°M
                                                                                                                          20°MJ06'40 0.98217 AU
                     -1042 Jan 29 j 01:30
                                              0°≈
                                                                             min. Earth dist.
                                                                                                  -1038 Nov 21 j 08:19
                     -1042 Feb 28 j 08:59
                                              0°∀
                                                                                                  -1038 Dec 01 j 00:38
                                                                                                                           0° ₹
                                              0^{\circ}\Upsilon
                     -1042 Mar 31 j 05:45
                                                                                                  -1038 Dec 30 j 11:48
                                                                                                                           0°궁
                     -1042 May 01 j 13:14
                                              0°8
                                                                                                  -1037 Jan 29 j 07:00
                                                                                                                           0°≈
max. Earth dist.
                     -1042 May 23 j 11:33
                                             20°852'30 1.01791 AU
                                                                                                  -1037 Feb 28 j 14:22
                                                                                                                           0°)€
                     -1042 Jun 02 j 01:44
                                              0^{\circ}II
                                                                                                  -1037 Mar 31 j 11:01
                                                                                                                           0°\Upsilon
                     -1042 Jul 03 j 12:03
                                              0ಂತಾ
                                                                                                                           0°8
                                                                                                  -1037 May 01 j 18:21
                                              0^{\circ}\Omega
                                                                             max. Earth dist.
                     -1042 Aug 03 j 13:37
                                                                                                  -1037 May 24 j 20:00
                                                                                                                          21°857'33 1.01785 AU
```

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 39 Attention, astronomical year style is used: The year -1037 in astronomical counting style is the year 1038 BCE in historical counting style. -1037 Jun 02 j 06:46 Π °0 -1032 Mar 30 j 16:10 $0^{\circ}\Upsilon$ -1037 Jul 03 j 17:02 0ಂತಾ -1032 Apr 30 j 23:34 0°8 -1037 Aug 03 j 18:39 22°**8**24'12 1.01788 AU $0^{\circ}\Omega$ -1032 May 24 j 12:27 max. Earth dist. -1037 Sep 03 j 07:36 0° M -1032 Jun 01 j 12:02 $0^{\circ}\Pi$ -1037 Oct 03 j 07:28 -1032 Jul 02 j 22:21 0ಂತಾ 0∘**⊽** 0° M -1037 Nov 01 j 21:14 -1032 Aug 02 j 23:57 $0^{\circ}\Omega$ 21°ML40'02 0.98218 AU min. Earth dist. -1037 Nov 23 j 02:39 -1032 Sep 02 j 12:52 0° m -1037 Dec 01 j 06:25 0° ⊀ -1032 Oct 02 j 12:41 0∘ಹ -1037 Dec 30 j 17:32 ਾਤ -1032 Nov 01 j 02:26 0°M -1036 Jan 29 j 12:42 0°≈ min. Earth dist. -1032 Nov 20 j 19:49 20°M 07'56 0.98215 AU -1036 Feb 28 j 20:06 0°**)**€ -1032 Nov 30 j 11:34 0°**∡**7 $0^{\circ}\Upsilon$ -1036 Mar 30 j 16:47 -1032 Dec 29 j 22:40 0°ರ -1036 May 01 j 00:12 0° 8 -1031 Jan 28 j 17:50 0°≈ max. Earth dist. -1036 May 22 j 00:55 20°801'22 1.01786 AU -1031 Feb 28 j 01:13 0°**)**€ -1036 Jun 01 j 12:41 $0^{\circ}\Pi$ -1031 Mar 30 j 21:55 $0^{\circ}\Upsilon$ -1036 Jul 02 j 23:00 0ಂತಾ -1031 May 01 j 05:22 0°8 -1036 Aug 03 j 00:38 $0^{\circ}\Omega$ max. Earth dist. -1031 May 22 j 23:28 20°**8**42'31 1.01792 AU -1036 Sep 02 j 13:36 0° M -1031 Jun 01 j 17:53 Π °0 -1036 Oct 02 j 13:28 0∘**⊽** -1031 Jul 03 j 04:15 0ಂತಾ -1036 Nov 01 j 03:14 0°M -1031 Aug 03 j 05:53 $0^{\circ}\Omega$ min. Earth dist. -1036 Nov 22 j 07:35 21°M37'34 0.98210 AU -1031 Sep 02 j 18:49 0° m -1036 Nov 30 j 12:23 0°**∡**¹ -1031 Oct 02 j 18:38 0∘**⊽** -1036 Dec 29 j 23:28 0°₹ -1031 Nov 01 i 08:22 0°M -1035 Jan 28 j 18:39 0°≈ min. Earth dist. -1031 Nov 23 i 02:22 22°M12'31 0.98211 AU -1035 Feb 28 j 02:04 0°**)**€ -1031 Nov 30 j 17:29 0°×7 -1035 Mar 30 j 22:46 $0^{\circ}\Upsilon$ -1031 Dec 30 j 04:34 0°중 -1035 May 01 j 06:12 0°8 -1030 Jan 28 j 23:43 0°≈≈ -1035 May 24 j 07:37 -1030 Feb 28 j 07:07 max. Earth dist. 21°**8**57'06 1.01783 AU 0° H -1035 Jun 01 j 18:38 $0^{\circ}\Pi$ -1030 Mar 31 j 03:49 $0^{\circ}\Upsilon$ -1030 May 01 j 11:12 -1035 Jul 03 j 04:53 0°9 0° 8 -1035 Aug 03 j 06:25 0° Ω max. Earth dist. -1030 May 23 j 05:31 20°**8**43'16 1.01783 AU -1035 Sep 02 j 19:19 0° M -1030 Jun 01 j 23:39 $0^{\circ}\Pi$ -1035 Oct 02 j 19:10 0∘**⊽** -1030 Jul 03 j 09:57 0ಂಲ -1035 Nov 01 j 08:57 0°M -1030 Aug 03 j 11:34 0 \circ Ω 19°M52'43 0.98216 AU min. Earth dist. -1035 Nov 20 j 20:23 -1030 Sep 03 j 00:31 0° m -1035 Nov 30 j 18:07 0°**∡** -1030 Oct 03 j 00:24 0∘ଫ 0°궁 -1035 Dec 30 j 05:15 -1030 Nov 01 j 14:10 0°M -1034 Jan 29 j 00:27 0°**≈** min. Earth dist. -1030 Nov 21 j 14:28 20°M25'44 0.98211 AU -1034 Feb 28 j 07:53 0°**)**€ -1030 Nov 30 j 23:19 0°**⊼** -1034 Mar 31 j 04:36 $0^{\circ}\Upsilon$ -1030 Dec 30 j 10:24 0°ರ -1034 May 01 j 12:02 0° 8 -1029 Jan 29 j 05:32 0°≈ -1034 May 23 j 18:57 21°813'00 1.01787 AU -1029 Feb 28 j 12:53 max. Earth dist. -1034 Jun 02 j 00:28 -1029 Mar 31 j 09:32 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1034 Jul 03 j 10:44 0ಂತಾ -1029 May 01 j 16:53 0°8 -1029 May 25 j 01:36 -1034 Aug 03 j 12:18 0° Ω max. Earth dist. 22°**8**14'20 1.01787 AU -1034 Sep 03 i 01:12 0° m -1029 Jun 02 i 05:19 $0^{\circ}II$ -1034 Oct 03 i 01:03 0∘**⊽** -1029 Jul 03 i 15:37 0ಂತಾ -1034 Nov 01 j 14:50 0°M -1029 Aug 03 j 17:16 $0^{\circ}\Omega$ min. Earth dist. -1034 Nov 23 j 11:34 22°M19'13 0.98217 AU -1029 Sep 03 j 06:17 0° m -1034 Dec 01 j 00:02 0°×7 -1029 Oct 03 j 06:12 0∘Ω -1034 Dec 30 j 11:10 0°る -1029 Nov 01 j 19:59 oom. -1033 Jan 29 j 06:18 21°M29'30 0.98213 AU 0°≈≈ min. Earth dist. -1029 Nov 22 j 21:16 0°**₩** -1033 Feb 28 j 13:41 -1029 Dec 01 j 05:06 0°×7 $0^{\circ}\Upsilon$ -1033 Mar 31 j 10:21 -1029 Dec 30 j 16:06 0°궁 -1033 May 01 j 17:47 0°8 -1028 Jan 29 j 11:10 0°≈ -1033 May 22 j 17:18 19°**8**58'36 1.01784 AU -1028 Feb 28 j 18:28 0°)(max. Earth dist. $0^{\circ}\Pi$ 0° -1033 Jun 02 j 06:14 -1028 Mar 30 j 15:07 -1033 Jul 03 j 16:32 0ಂತಾ -1028 Apr 30 j 22:33 0°8 0° Ω 20°814'20 1.01790 AU -1033 Aug 03 j 18:08 max. Earth dist. -1028 May 22 j 04:45 -1033 Sep 03 j 07:05 0° m -1028 Jun 01 j 11:04 $0^{\circ}\Pi$ -1033 Oct 03 j 06:57 0∘**⊽** -1028 Jul 02 j 21:27 0 \circ \odot -1033 Nov 01 j 20:45 0°M -1028 Aug 02 j 23:09 0° Ω min. Earth dist. -1033 Nov 22 j 11:21 21°ML02'18 0.98212 AU -1028 Sep 02 j 12:11 0° m -1033 Dec 01 j 05:56 0°⊀ -1028 Oct 02 j 12:06 0∘**⊽** -1033 Dec 30 j 17:03 0°궁 -1028 Nov 01 j 01:55 0°M 0°**≈** min. Earth dist. 22°ML08'41 0.98209 AU -1032 Jan 29 j 12:11 -1028 Nov 22 j 18:26

-1028 Nov 30 j 11:02

0°**)**€

-1032 Feb 28 j 19:32

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 40 Attention, astronomical year style is used: The year -1028 in astronomical counting style is the year 1029 BCE in historical counting style. -1028 Dec 29 j 22:03 0°ರ -1023 Nov 01 j 06:52 0°M -1027 Jan 28 j 17:06 -1023 Nov 23 j 08:57 0°≈≈ min. Earth dist. 22°M32'57 0.98215 AU 0°**)**€ -1027 Feb 28 j 00:23 -1023 Nov 30 j 16:03 0°×7 $0^{\circ}\Upsilon$ -1027 Mar 30 j 21:01 -1023 Dec 30 j 03:07 0°궁 0° 8 -1022 Jan 28 j 22:14 -1027 May 01 j 04:25 0°≈ max. Earth dist. -1027 May 24 j 01:59 21°**8**47'54 1.01786 AU -1022 Feb 28 j 05:33 0°**∀** 0° -1027 Jun 01 j 16:54 Π $^{\circ}0$ -1022 Mar 31 j 02:11 -1027 Jul 03 j 03:14 0ಂತಾ -1022 May 01 j 09:32 0°8 -1027 Aug 03 j 04:51 0° Ω max. Earth dist. -1022 May 22 j 18:08 20°**8**20'19 1.01780 AU -1027 Sep 02 j 17:49 0° M -1022 Jun 01 j 21:56 Π °0 -1027 Oct 02 j 17:44 0∘**⊽** -1022 Jul 03 j 08:12 0ಂತಾ -1027 Nov 01 j 07:34 0° M -1022 Aug 03 j 09:50 0° Ω min. Earth dist. -1027 Nov 21 j 00:34 20°M06'54 0.98216 AU -1022 Sep 02 j 22:50 0° M -1027 Nov 30 j 16:46 0°**∡**¹ -1022 Oct 02 j 22:48 0∘**⊽** -1027 Dec 30 j 03:51 0°ರ -1022 Nov 01 j 12:41 0°M -1026 Jan 28 j 22:57 0°**≈** min. Earth dist. -1022 Nov 21 j 23:33 20°M52'38 0.98215 AU -1026 Feb 28 j 06:15 0°**)**€ -1022 Nov 30 j 21:55 0°×7 -1026 Mar 31 j 02:50 $0^{\circ}\Upsilon$ -1022 Dec 30 j 09:02 0°정 -1026 May 01 j 10:11 0°8 -1021 Jan 29 j 04:08 0°≈ max. Earth dist. -1026 May 24 j 07:33 21°847'20 1.01788 AU -1021 Feb 28 j 11:25 0°**)**€ -1026 Jun 01 j 22:38 $0^{\circ}\Pi$ -1021 Mar 31 j 07:59 $0^{\circ}\Upsilon$ -1026 Jul 03 i 08:58 0ಂತಾ -1021 May 01 j 15:18 0°8 -1026 Aug 03 j 10:37 $0^{\circ}\Omega$ max. Earth dist. -1021 May 25 j 06:08 22°828'58 1.01785 AU -1026 Sep 02 j 23:37 0° m -1021 Jun 02 j 03:42 $\Pi^{\circ}0$ -1026 Oct 02 j 23:32 0∘**⊽** -1021 Jul 03 j 13:59 0ಂತಾ -1026 Nov 01 j 13:22 0°M -1021 Aug 03 j 15:38 $0^{\circ}\Omega$ -1026 Nov 23 j 09:17 22°M17'03 0.98219 AU -1021 Sep 03 j 04:39 min Earth dist 0° m -1026 Nov 30 j 22:35 0°**∡**¹ -1021 Oct 03 j 04:36 0∘Ω -1026 Dec 30 j 09:41 0°る -1021 Nov 01 j 18:26 oom. -1025 Jan 29 j 04:46 min. Earth dist. -1021 Nov 22 j 07:44 0°≈ 20°M58'43 0.98218 AU -1025 Feb 28 j 12:02 0°**)**€ -1021 Dec 01 j 03:38 0°**∡**¹ $0^{\circ}\Upsilon$ -1025 Mar 31 j 08:35 -1021 Dec 30 j 14:42 0°ಕ -1025 May 01 j 15:54 0°8 -1020 Jan 29 j 09:47 0°≈ -1025 May 22 j 21:55 20°814'07 1.01783 AU -1020 Feb 28 j 17:03 0°\ max. Earth dist. -1025 Jun 02 j 04:20 -1020 Mar 30 j 13:39 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -1025 Jul 03 j 14:41 0ಂತಾ -1020 Apr 30 j 21:02 0° 8 -1025 Aug 03 j 16:24 0 \circ Ω max. Earth dist. -1020 May 22 j 11:38 20°**8**34'17 1.01790 AU -1025 Sep 03 j 05:28 0° M -1020 Jun 01 j 09:32 $\Pi^{\circ}0$ -1025 Oct 03 j 05:26 0∘**⊽** -1020 Jul 02 j 19:55 0ಂತಾ -1025 Nov 01 j 19:17 0° M -1020 Aug 02 j 21:38 $0^{\circ}\Omega$ min. Earth dist. -1025 Nov 22 j 20:33 21°M29'34 0.98212 AU -1020 Sep 02 j 10:40 -1025 Dec 01 j 04:28 -1020 Oct 02 j 10:36 0° **₹** -1025 Dec 30 j 15:33 0°る -1020 Nov 01 j 00:24 -1024 Jan 29 j 10:39 -1020 Nov 22 j 21:20 22°M19'52 0.98212 AU 0°≈ min. Earth dist. 0°**)**€ -1020 Nov 30 j 09:34 -1024 Feb 28 j 17:56 0°**∡**7 $0^{\circ}\Upsilon$ -1024 Mar 30 j 14:29 -1020 Dec 29 j 20:38 0°궁 -1024 Apr 30 j 21:47 0°8 -1019 Jan 28 i 15:43 0°≈ max. Earth dist. -1024 May 24 i 16:17 22°837'46 1.01784 AU -1019 Feb 27 i 23:01 0°**∀** -1024 Jun 01 j 10:11 Π °0 -1019 Mar 30 j 19:38 $0^{\circ}\Upsilon$ -1024 Jul 02 j 20:30 0ಂತಾ -1019 May 01 j 03:00 0°8 -1024 Aug 02 j 22:11 $0^{\circ}\Omega$ -1019 May 23 j 15:54 21°**8**27'23 1.01784 AU max Earth dist -1024 Sep 02 j 11:13 -1019 Jun 01 j 15:29 0° mb 0°Π -1019 Jul 03 j 01:49 -1024 Oct 02 j 11:09 0∘ଫ 0ംഉ -1024 Nov 01 j 00:58 0°M -1019 Aug 03 j 03:29 0 \circ Ω min. Earth dist. -1024 Nov 20 j 19:12 20°M10'02 0.98215 AU -1019 Sep 02 j 16:29 0° m 0° **₹** -1019 Oct 02 j 16:23 0∘ಹ -1024 Nov 30 j 10:08 0°궁 0° M -1024 Dec 29 j 21:12 -1019 Nov 01 j 06:11 20°M12'06 0.98212 AU -1023 Jan 28 j 16:18 0°≈ min. Earth dist. -1019 Nov 21 j 01:11 0°**∀** -1023 Feb 27 j 23:38 -1019 Nov 30 j 15:21 0° ×7 $0^{\circ}\Upsilon$ 0°ರ -1023 Mar 30 j 20:15 -1019 Dec 30 j 02:26 -1023 May 01 j 03:37 0°8 -1018 Jan 28 j 21:33 0°≈ max. Earth dist. -1023 May 23 j 08:02 21°**8**07'05 1.01788 AU -1018 Feb 28 j 04:52 0°**)**€ -1023 Jun 01 j 16:04 $0^{\circ}II$ -1018 Mar 31 j 01:29 $0^{\circ}\Upsilon$ -1023 Jul 03 j 02:24 0 \circ \odot -1018 May 01 j 08:49 0°8 -1023 Aug 03 j 04:04 0° Ω max. Earth dist. -1018 May 24 j 15:10 22°**8**08'41 1.01788 AU 0° m $\Pi^{\circ}0$ -1023 Sep 02 j 17:05 -1018 Jun 01 j 21:15

-1018 Jul 03 j 07:36

0ಂತಾ

0∘**ত**

-1023 Oct 02 j 17:02

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 41 Attention, astronomical year style is used: The year -1018 in astronomical counting style is the year 1019 BCE in historical counting style. -1018 Aug 03 j 09:19 $0^{\circ}\Omega$ max. Earth dist. -1013 May 25 j 14:00 22°851'06 1.01783 AU -1018 Sep 02 j 22:21 0°m -1013 Jun 02 j 02:16 Π °0 -1018 Oct 02 j 22:18 0∘**⊽** -1013 Jul 03 j 12:36 0ംഉ -1018 Nov 01 j 12:07 o°m. -1013 Aug 03 j 14:21 $0^{\circ}\Omega$ -1013 Sep 03 j 03:29 22°M01'55 0.98215 AU min. Earth dist. -1018 Nov 23 j 02:05 0° m -1018 Nov 30 j 21:16 0°**∡** -1013 Oct 03 j 03:30 0∘ಹ -1018 Dec 30 j 08:19 0°ಕ -1013 Nov 01 j 17:22 0°M 20° ML41'30 0.98216 AU -1017 Jan 29 j 03:21 0°≈ min. Earth dist. -1013 Nov 21 j 23:55 -1017 Feb 28 j 10:37 0°**∀** -1013 Dec 01 j 02:32 0°**∡**7 $0^{\circ}\Upsilon$ -1017 Mar 31 j 07:11 -1013 Dec 30 j 13:34 0°ರ -1017 May 01 j 14:32 0° 8 -1012 Jan 29 j 08:35 0°≈ max. Earth dist. -1017 May 22 j 21:24 20°**8**16'03 1.01786 AU -1012 Feb 28 j 15:48 0°**)**€ $0^{\circ}\Upsilon$ -1017 Jun 02 j 03:00 $0^{\circ}\Pi$ -1012 Mar 30 j 12:18 -1017 Jul 03 j 13:23 0ಂತಾ -1012 Apr 30 j 19:36 0°8 -1017 Aug 03 j 15:09 $0^{\circ}\Omega$ max. Earth dist. -1012 May 22 j 21:44 21°**8**01'44 1.01788 AU -1017 Sep 03 j 04:17 0° m -1012 Jun 01 j 08:03 $0^{\circ}\Pi$ -1017 Oct 03 j 04:18 0∘**⊽** -1012 Jul 02 j 18:27 0ಂತಾ -1017 Nov 01 j 18:10 0°M -1012 Aug 02 j 20:14 0° Ω min. Earth dist. -1017 Nov 23 j 07:07 21°M.59'30 0.98209 AU -1012 Sep 02 j 09:23 0° m -1017 Dec 01 j 03:19 0°×7 -1012 Oct 02 j 09:26 0°Ω -1017 Dec 30 j 14:19 0°궁 -1012 Oct 31 j 23:18 0°M -1016 Jan 29 i 09:19 0°≈ min. Earth dist. -1012 Nov 23 i 05:30 22°M43'33 0.98212 AU -1016 Feb 28 i 16:32 0°**)**€ -1012 Nov 30 i 08:28 0°×7 -1016 Mar 30 i 13:05 0° -1012 Dec 29 i 19:28 0°궁 -1016 Apr 30 j 20:25 0°8 -1011 Jan 28 j 14:29 0°≈ -1016 May 24 j 11:51 -1011 Feb 27 j 21:42 0°**₩** max. Earth dist. 22°830'23 1.01786 AU -1016 Jun 01 j 08:53 -1011 Mar 30 j 18:15 $0^{\circ}\Upsilon$ 0°Π -1016 Jul 02 j 19:15 -1011 May 01 j 01:34 000 0°8 -1011 May 23 j 04:44 -1016 Aug 02 j 20:59 $0^{\circ}\Omega$ max Earth dist 21°**8**04'25 1.01781 AU -1016 Sep 02 j 10:04 -1011 Jun 01 j 13:59 0° M $0^{\circ}\Pi$ -1016 Oct 02 j 10:04 -1011 Jul 03 j 00:18 0∘∙ 0ಂತಾ -1016 Oct 31 j 23:55 0°M -1011 Aug 03 j 02:00 0° Ω min. Earth dist. -1016 Nov 20 j 21:15 20°M17'59 0.98213 AU -1011 Sep 02 j 15:05 0° m -1016 Nov 30 j 09:05 -1011 Oct 02 j 15:06 0° **₹** 0∘ଫ -1016 Dec 29 j 20:05 0°궁 -1011 Nov 01 j 05:00 0°M -1015 Jan 28 j 15:05 0°≈ min. Earth dist. -1011 Nov 21 j 11:19 20°M40'58 0.98214 AU 0°**)**€ -1015 Feb 27 j 22:19 -1011 Nov 30 j 14:12 0°**⊼** -1015 Mar 30 j 18:52 $0^{\circ}\Upsilon$ -1011 Dec 30 j 01:16 0°ರ -1015 May 01 j 02:13 0° 8 -1010 Jan 28 j 20:18 0°≈ max. Earth dist. -1015 May 23 j 17:47 21°**8**33'30 1.01792 AU -1010 Feb 28 j 03:31 0°**)**€ -1015 Jun 01 j 14:42 $0^{\circ}II$ -1010 Mar 31 j 00:02 $0^{\circ}\Upsilon$ -1015 Jul 03 j 01:07 0ಂತಾ -1010 May 01 j 07:19 0°8 -1015 Aug 03 j 02:51 $0^{\circ}\Omega$ max. Earth dist. -1010 May 24 j 21:51 22°828'16 1.01785 AU -1015 Sep 02 j 15:56 -1010 Jun 01 j 19:43 0° M $0^{\circ}\Pi$ -1015 Oct 02 j 15:55 -1010 Jul 03 j 06:02 0∘**⊽** -1015 Nov 01 i 05:48 0°M -1010 Aug 03 i 07:43 $0^{\circ}\Omega$ min. Earth dist. -1015 Nov 23 j 11:08 22°M41'13 0.98216 AU -1010 Sep 02 i 20:48 0° m -1015 Nov 30 j 14:59 0°**∡**′ -1010 Oct 02 i 20:50 0∘**⊽** -1015 Dec 30 i 02:02 0°정 -1010 Nov 01 i 10:45 0°M -1014 Jan 28 j 21:04 -1010 Nov 22 j 20:18 21°ML50'25 0.98221 AU 0°≈≈ min. Earth dist. -1014 Feb 28 j 04:18 0°**₩** -1010 Nov 30 j 19:59 0°×7 $0^{\circ}\Upsilon$ -1010 Dec 30 j 07:02 0°궁 -1014 Mar 31 j 00:49 -1009 Jan 29 j 02:02 -1014 May 01 j 08:06 0°8 0°≈≈ -1009 Feb 28 j 09:11 max. Earth dist. -1014 May 22 j 18:13 20°823'53 1.01783 AU 0°**∀** -1014 Jun 01 j 20:32 $0^{\circ}\Pi$ -1009 Mar 31 j 05:40 0° -1014 Jul 03 j 06:54 0°9 -1009 May 01 j 12:57 0°8 -1014 Aug 03 j 08:38 0° Ω max. Earth dist. -1009 May 23 j 01:35 20°**8**29'45 1.01786 AU -1014 Sep 02 j 21:43 0° M -1009 Jun 02 j 01:23 $0^{\circ}\Pi$ -1014 Oct 02 j 21:44 0∘**⊽** -1009 Jul 03 j 11:46 0ಂತಾ -1014 Nov 01 j 11:38 0°M -1009 Aug 03 j 13:32 0 $^{\circ}$ Ω 21°M16'25 0.98214 AU min. Earth dist. -1014 Nov 22 j 07:48 -1009 Sep 03 j 02:41 0° m -1014 Nov 30 j 20:52 0°**∡** -1009 Oct 03 j 02:44 0∘**⊽** -1014 Dec 30 j 07:57 0°궁 -1009 Nov 01 j 16:39 0°M -1013 Jan 29 j 03:00 0°≈ min. Earth dist. -1009 Nov 23 j 14:30 22°M22'08 0.98214 AU -1013 Feb 28 j 10:12 0°**)** -1009 Dec 01 j 01:52 0°⊀ $0^{\circ}\Upsilon$ -1009 Dec 30 j 12:54 0°정 -1013 Mar 31 j 06:40

-1008 Jan 29 j 07:54

0°≈

 0° 8

-1013 May 01 j 13:54

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 42 Attention, astronomical year style is used: The year -1008 in astronomical counting style is the year 1009 BCE in historical counting style. -1008 Feb 28 j 15:03 0°**∀** -1004 Nov 30 i 06:59 0°×7 -1008 Mar 30 j 11:31 $0^{\circ}\Upsilon$ -1004 Dec 29 j 17:58 0°궁 -1008 Apr 30 j 18:47 9° -1003 Jan 28 j 12:53 0°≈≈ -1008 May 24 j 06:21 22°**8**21'17 1.01784 AU -1003 Feb 27 j 20:01 0°**)**€ max. Earth dist. $0^{\circ}\Upsilon$ -1008 Jun 01 j 07:14 $0^{\circ}\Pi$ -1003 Mar 30 j 16:29 -1008 Jul 02 j 17:37 0°9 -1003 Apr 30 j 23:47 0°8 -1008 Aug 02 j 19:22 0° Ω max. Earth dist. -1003 May 22 j 20:36 20°**8**49'18 1.01784 AU -1008 Sep 02 j 08:28 0° m -1003 Jun 01 j 12:14 0°II -1008 Oct 02 j 08:28 0。Շ -1003 Jul 02 j 22:38 0ಂಪ -1008 Oct 31 j 22:19 0°M -1003 Aug 03 j 00:24 0° Ω min. Earth dist. -1008 Nov 20 j 19:16 20°M17'00 0.98214 AU -1003 Sep 02 j 13:33 0° M -1008 Nov 30 j 07:30 0°**∡**¹ -1003 Oct 02 j 13:37 0∘**⊽** -1008 Dec 29 j 18:32 0°궁 -1003 Nov 01 j 03:34 0°M -1007 Jan 28 j 13:33 0°**≈** min. Earth dist. -1003 Nov 21 j 19:07 21°ML04'33 0.98215 AU -1007 Feb 27 j 20:46 0°**)**€ -1003 Nov 30 j 12:48 0°**⊼** -1007 Mar 30 j 17:16 $0^{\circ}\Upsilon$ -1003 Dec 29 j 23:52 0°정 -1007 May 01 j 00:33 0°8 -1002 Jan 28 j 18:52 0°≈ max. Earth dist. -1007 May 24 j 03:23 22°800'21 1.01790 AU -1002 Feb 28 j 02:00 0°**)**€ -1007 Jun 01 j 13:00 Π $^{\circ}0$ -1002 Mar 30 j 22:25 $0^{\circ}\Upsilon$ -1007 Jul 02 j 23:25 0ಂತಾ -1002 May 01 j 05:38 0°8 -1007 Aug 03 j 01:12 $0^{\circ}\Omega$ max. Earth dist. -1002 May 25 j 06:41 22°853'16 1.01785 AU -1007 Sep 02 j 14:19 0° m -1002 Jun 01 j 18:02 $\Pi^{\circ}0$ -1007 Oct 02 j 14:19 0∘**⊽** -1002 Jul 03 i 04:24 0ಂತಾ -1007 Nov 01 i 04:10 0°M -1002 Aug 03 j 06:11 $0^{\circ}\Omega$ min. Earth dist. -1007 Nov 23 j 05:47 22°M31'42 0.98215 AU -1002 Sep 02 j 19:22 0° m -1007 Nov 30 j 13:20 -1002 Oct 02 j 19:26 0°×7 0∘Ω -1007 Dec 30 j 00:22 0°る -1002 Nov 01 j 09:23 oom. -1002 Nov 22 j 09:28 -1006 Jan 28 j 19:23 0°≈≈ min. Earth dist. 21°M26'11 0.98221 AU 0°**₩** -1006 Feb 28 j 02:36 -1002 Nov 30 j 18:38 0°×7 -1006 Mar 30 j 23:06 0° -1002 Dec 30 j 05:41 0°궁 -1006 May 01 j 06:22 -1001 Jan 29 j 00:39 0°8 0°≈ -1001 Feb 28 j 07:46 -1006 May 22 j 16:34 max. Earth dist. 20°**8**24'06 1.01783 AU 0°)(-1006 Jun 01 j 18:46 Π $^{\circ}0$ -1001 Mar 31 j 04:09 $0^{\circ}\Upsilon$ -1006 Jul 03 j 05:09 -1001 May 01 j 11:21 0ಂತಾ 0° 8 0° Ω -1001 May 23 j 10:53 -1006 Aug 03 j 06:56 max. Earth dist. 20°**8**55'42 1.01785 AU -1006 Sep 02 j 20:06 0° M -1001 Jun 01 j 23:45 $0^{\circ}\Pi$ -1006 Oct 02 j 20:10 0∘**⊽** -1001 Jul 03 j 10:11 0ಂತಾ -1006 Nov 01 j 10:04 $0^{\circ}M$ -1001 Aug 03 j 12:02 $0^{\circ}\Omega$ min. Earth dist. -1006 Nov 22 j 16:31 21°M.42'46 0.98211 AU -1001 Sep 03 j 01:18 0° m -1006 Nov 30 j 19:16 0°**∡**¹ -1001 Oct 03 j 01:26 0∘**⊽** -1006 Dec 30 j 06:17 0°ರ -1001 Nov 01 j 15:23 $0^{\circ}M$ -1005 Jan 29 j 01:17 -1001 Nov 23 j 22:03 22°M-44'38 0.98214 AU 0°≈ min. Earth dist. -1005 Feb 28 j 08:27 0°**)**€ -1001 Dec 01 j 00:35 0°×7 -1005 Mar 31 j 04:54 $0^{\circ}\Upsilon$ -1001 Dec 30 j 11:37 -1000 Jan 29 j 06:35 -1005 May 01 j 12:09 0°8 max. Earth dist. -1005 May 25 i 13:58 22°855'13 1.01784 AU -1000 Feb 28 i 13:42 0°**∀** -1005 Jun 02 j 00:32 $0^{\circ}II$ -1000 Mar 30 i 10:07 $0^{\circ}\Upsilon$ -1005 Jul 03 i 10:53 0ಂತಾ -1000 Apr 30 j 17:20 0°8 -1005 Aug 03 j 12:40 $0^{\circ}\Omega$ max. Earth dist. -1000 May 23 j 22:07 22°805'18 1.01781 AU -1005 Sep 03 j 01:52 0° m -1000 Jun 01 j 05:44 0°π -1005 Oct 03 j 01:57 0∘**⊽** -1000 Jul 02 j 16:08 0ಂತಾ -1005 Nov 01 j 15:52 oom. -1000 Aug 02 j 17:56 $0^{\circ}\Omega$ 20°M40'02 0.98214 AU -1000 Sep 02 j 07:08 0° My min Earth dist -1005 Nov 21 j 21:51 -1005 Dec 01 j 01:02 0°×7 -1000 Oct 02 j 07:15 0∘ಹ -1005 Dec 30 j 12:00 0°ರ -1000 Oct 31 j 21:10 0° M -1004 Jan 29 j 06:55 0°≈ min. Earth dist. -1000 Nov 21 j 01:29 20°M35'48 0.98213 AU 0°**)**€ -1000 Nov 30 j 06:22 0°×7 -1004 Feb 28 j 14:03 $0^{\circ}\Upsilon$ 0°ರ -1004 Mar 30 j 10:31 -1000 Dec 29 j 17:23 -1004 Apr 30 j 17:48 0°8 -999 Jan 28 j 12:21 0°≈ 21°**8**24'27 1.01791 AU 0°**)**€ max. Earth dist. -1004 May 23 j 05:32 -999 Feb 27 j 19:30 $0^{\circ}\Upsilon$ -1004 Jun 01 j 06:17 Π $^{\circ}0$ -999 Mar 30 j 15:58 -1004 Jul 02 j 16:43 0 \circ \odot -999 Apr 30 j 23:13 0°8 -1004 Aug 02 j 18:33 0° Ω max. Earth dist. -999 May 24 j 11:19 22°**8**22'28 1.01787 AU -1004 Sep 02 j 07:46 0° m -999 Jun 01 j 11:37 $0^{\circ}\Pi$ -1004 Oct 02 j 07:52 0∘**⊽** -999 Jul 02 j 22:00 0 \circ \odot 0°M -999 Aug 02 j 23:48 $0^{\circ}\Omega$ -1004 Oct 31 j 21:48

0° M

-999 Sep 02 j 13:00

-1004 Nov 23 j 11:00 23°ML01'22 0.98213 AU

min. Earth dist.

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 43 Attention, astronomical year style is used: The year -999 in astronomical counting style is the year 1000 BCE in historical counting style. -999 Oct 02 j 13:05 0∘**⊽** -994 Jul 03 i 03:04 0ಂತಾ -994 Aug 03 j 04:55 -999 Nov 01 j 03:02 0°M $0^{\circ}\Omega$ -999 Nov 23 j 03:17 22°M28'05 0.98218 AU 0° m min Earth dist -994 Sep 02 j 18:09 -999 Nov 30 j 12:14 0°×7 -994 Oct 02 j 18:16 0∘Ω -999 Dec 29 j 23:16 0°궁 -994 Nov 01 j 08:13 $0^{\circ}M$ -998 Jan 28 j 18:14 0°≈ min. Earth dist. -994 Nov 22 j 02:33 21°M11'33 0.98216 AU 0°**)**€ -998 Feb 28 j 01:22 -994 Nov 30 j 17:24 0°⊀ $0^{\circ}\Upsilon$ -998 Mar 30 j 21:49 -994 Dec 30 j 04:22 0°궁 -998 May 01 j 05:04 0° 8 -993 Jan 28 j 23:15 0°≈ max. Earth dist. -998 May 22 j 16:38 20°**8**27'21 1.01783 AU -993 Feb 28 j 06:18 0°**)**€ $0^{\circ}\Upsilon$ -998 Jun 01 j 17:28 $0^{\circ}\Pi$ -993 Mar 31 j 02:40 -998 Jul 03 j 03:50 0ംខ -993 May 01 j 09:52 0°8 -998 Aug 03 j 05:37 0° Ω max. Earth dist. -993 May 23 j 17:58 21°816'01 1.01788 AU -998 Sep 02 j 18:48 0° m -993 Jun 01 j 22:17 $0^{\circ}\Pi$ -998 Oct 02 j 18:56 0∘**⊽** -993 Jul 03 j 08:44 0ಂತಾ -998 Nov 01 j 08:55 0°M -993 Aug 03 j 10:39 $0^{\circ}\Omega$ min. Earth dist. -998 Nov 23 j 01:39 22°ML08'58 0.98215 AU -993 Sep 02 j 23:59 0° m -998 Nov 30 j 18:10 0°×7 -993 Oct 03 j 00:11 0°**⊽** -998 Dec 30 j 05:13 0°る -993 Nov 01 j 14:10 0°M -997 Jan 29 j 00:11 0°≈ min. Earth dist. -993 Nov 24 j 06:57 23°M10'28 0.98212 AU -997 Feb 28 j 07:17 0°**)**€ -993 Nov 30 j 23:22 0°**∡**7 -997 Mar 31 i 03:41 $0^{\circ}\Upsilon$ -993 Dec 30 i 10:18 0°ಕ -997 May 01 j 10:54 0°8 -992 Jan 29 j 05:09 0°≈ max. Earth dist. -997 May 25 j 11:25 22°852'09 1.01782 AU -992 Feb 28 i 12:10 0°**∀** -997 Jun 01 j 23:17 Π °0 -992 Mar 30 j 08:32 $0^{\circ}\Upsilon$ -997 Jul 03 j 09:40 0ಂತಾ -992 Apr 30 j 15:45 0°8 -997 Aug 03 j 11:27 $0^{\circ}\Omega$ -992 May 23 j 11:10 max Earth dist 21°843'01 1.01784 AU -997 Sep 03 j 00:39 -992 Jun 01 j 04:11 0° mb Π °0 -997 Oct 03 j 00:45 0∘**⊽** -992 Jul 02 j 14:38 0ംഉ 0° M -992 Aug 02 j 16:30 -997 Nov 01 j 14:41 0° Ω 0° m min. Earth dist. -997 Nov 21 j 18:19 20°M33'57 0.98215 AU -992 Sep 02 j 05:46 -997 Nov 30 j 23:53 0°⊀ -992 Oct 02 j 05:56 0∘Ω 0°ರ -997 Dec 30 j 10:54 -992 Oct 31 j 19:55 0°M -996 Jan 29 j 05:49 -992 Nov 21 j 09:39 0°≈ min. Earth dist. 20°M59'54 0.98213 AU 0°**∀** -992 Nov 30 j 05:08 -996 Feb 28 j 12:54 0°**∡** -996 Mar 30 j 09:19 $0^{\circ}\Upsilon$ -992 Dec 29 j 16:06 0°궁 -996 Apr 30 j 16:33 0°8 -991 Jan 28 j 10:58 0°≈ max. Earth dist. -996 May 23 j 14:56 21°**8**49'46 1.01791 AU -991 Feb 27 j 17:59 0°**)**€ -996 Jun 01 j 05:01 Π $^{\circ}0$ -991 Mar 30 j 14:20 $0^{\circ}\Upsilon$ -996 Jul 02 j 15:29 0ಂತಾ -991 Apr 30 j 21:32 0°8 -996 Aug 02 j 17:21 $0^{\circ}\Omega$ max. Earth dist. -991 May 24 j 21:32 22°850'45 1.01789 AU -996 Sep 02 j 06:34 -991 Jun 01 j 09:57 0° m $0^{\circ}\Pi$ -996 Oct 02 j 06:39 -991 Jul 02 j 20:23 0∘**⊽** 0ಂತಾ -996 Oct 31 j 20:34 -991 Aug 02 j 22:16 0°M 0° Ω -996 Nov 23 j 08:54 22°M59'09 0.98213 AU min. Earth dist. -991 Sep 02 j 11:31 0° M -996 Nov 30 i 05:44 0°×7 -991 Oct 02 j 11:40 0∘**⊽** -996 Dec 29 i 16:43 0°정 -991 Nov 01 i 01:39 0°M -995 Jan 28 j 11:39 0°≈ min. Earth dist. -991 Nov 22 j 19:31 22°M11'37 0.98220 AU -995 Feb 27 j 18:46 0°**)**€ -991 Nov 30 i 10:54 0°×7 -995 Mar 30 j 15:12 $0^{\circ}\Upsilon$ -991 Dec 29 j 21:55 0°궁 -995 Apr 30 j 22:29 0°8 -990 Jan 28 j 16:49 0°≈≈ -995 May 22 j 15:32 20°840'23 1.01785 AU -990 Feb 27 j 23:51 0°**₩** max Earth dist $0^{\circ}\Upsilon$ -995 Jun 01 j 10:55 $0^{\circ}\Pi$ -990 Mar 30 j 20:10 -995 Jul 02 j 21:21 0ಂತಾ -990 May 01 j 03:19 0°8 -995 Aug 02 j 23:11 $0^{\circ}\Omega$ max. Earth dist. -990 May 23 j 00:43 20°**8**50'45 1.01783 AU -995 Sep 02 j 12:23 0° M -990 Jun 01 j 15:41 Π $^{\circ}0$ -995 Oct 02 j 12:28 0∘ଫ -990 Jul 03 j 02:06 0°9 -995 Nov 01 j 02:23 0°M -990 Aug 03 j 03:59 0 $^{\circ}$ Ω 21°M25'13 0.98211 AU min. Earth dist. -995 Nov 22 j 01:59 -990 Sep 02 j 17:17 0° m -995 Nov 30 j 11:34 0°**√** -990 Oct 02 j 17:28 0∘**⊽** 0°궁 -995 Dec 29 j 22:35 -990 Nov 01 j 07:29 0°M -994 Jan 28 j 17:33 0°≈ min. Earth dist. -990 Nov 23 j 09:52 22°M33'34 0.98217 AU -994 Feb 28 j 00:40 0°**)** -990 Nov 30 j 16:45 0°**∡**7 $0^{\circ}\Upsilon$ -994 Mar 30 j 21:05 -990 Dec 30 j 03:48 0°ಕ -994 May 01 j 04:18 0°8 -989 Jan 28 j 22:44 0°≈ 23°805'08 1.01785 AU -989 Feb 28 j 05:46 0°**)**€ max. Earth dist. -994 May 25 j 10:18

 $0^{\circ}\Upsilon$

-989 Mar 31 j 02:04

 $\Pi^{\circ}0$

-994 Jun 01 j 16:41

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, Attention, astronomical year style is used: The year -989 in astronomical counting style is the year 990 BCE in historical counting style. $0^{\circ}\mathsf{B}$ -989 May 01 j 09:11 -984 Jan 29 j 03:39 0°≈ max. Earth dist. -989 May 25 j 10:03 22°**8**53'08 1.01779 AU -984 Feb 28 j 10:39 0°**ℋ** $0^{\circ} \Upsilon$ -989 Jun 01 j 21:30 $\Pi^{\circ}0$ -984 Mar 30 j 06:58

	-989 Jun 01 j 21:30	0°Ц			-984 Mar 30 J 06:58	0ο.Α,	
	-989 Jul 03 j 07:53	0 \circ ∞			-984 Apr 30 j 14:09	$8^{\circ 0}$	
	-989 Aug 03 j 09:45	$\mathfrak{O}^{\circ} \mathfrak{O}$		max. Earth dist.	-984 May 23 j 01:16	21° 8 23'18	1.01785 AU
	-989 Sep 02 j 23:04	0° m y			-984 Jun 01 j 02:36	Π°	
	-989 Oct 02 j 23:16	0∘ <u>v</u>			-984 Jul 02 j 13:05	0° ©	
	-989 Nov 01 j 13:15	0°M			-984 Aug 02 j 15:00	$0^{\circ}\Omega$	
i. E4b di-4			0.00215 ATT		• •		
min. Earth dist.	-989 Nov 21 j 20:30	20°M43'15	0.98215 AU		-984 Sep 02 j 04:17	0° m)	
	-989 Nov 30 j 22:27	0°⊀			-984 Oct 02 j 04:26	0∘ ⊽	
	-989 Dec 30 j 09:26	0°₹			-984 Oct 31 j 18:23	0° M	
	-988 Jan 29 j 04:20	0° ≈		min. Earth dist.	-984 Nov 21 j 13:26	21°M13'31	0.98211 AU
	-988 Feb 28 j 11:22	0°) €			-984 Nov 30 j 03:35	0° ∡ ″	
	-988 Mar 30 j 07:43	0° Y			-984 Dec 29 j 14:33	0°ප	
	-988 Apr 30 j 14:52	0°8			-983 Jan 28 j 09:27	0° ≈	
max. Earth dist.	-988 May 24 j 00:23	22° 8 16'23	1.01787 AU		-983 Feb 27 j 16:29	0°) €	
max. Larm dist.			1.01/6/ AU			0°Υ	
	-988 Jun 01 j 03:15	0°Щ			-983 Mar 30 j 12:49		
	-988 Jul 02 j 13:41	0ಂತಾ			-983 Apr 30 j 20:00	0°8	
	-988 Aug 02 j 15:35	$0 {\circ} \Omega$		max. Earth dist.	-983 May 25 j 03:47	23° 8 09'16	1.01788 AU
	-988 Sep 02 j 04:54	0° m)			-983 Jun 01 j 08:25	Π $^{\circ}0$	
	-988 Oct 02 j 05:06	0∘ ⊽			-983 Jul 02 j 18:53	0 \circ \mathfrak{S}	
	-988 Oct 31 j 19:05	0°M			-983 Aug 02 j 20:49	$0^{\circ}\Omega$	
min. Earth dist.	-988 Nov 23 j 10:09	23°M06'00	0.98216 AU		-983 Sep 02 j 10:07	0° m)	
mm. Larm dist.	·	23 11 0 00 00	0.76210 AC			ەر <u>م</u> ەن	
	-988 Nov 30 j 04:17				-983 Oct 02 j 10:17		
	-988 Dec 29 j 15:15	0°る			-983 Nov 01 j 00:15	0° M	
	-987 Jan 28 j 10:08	0° ≈		min. Earth dist.	-983 Nov 22 j 07:11	21° M 43'48	0.98216 AU
	-987 Feb 27 j 17:12	0°) €			-983 Nov 30 j 09:26	0° ∡ ¹	
	-987 Mar 30 j 13:35	0 ° Υ			-983 Dec 29 j 20:23	0°ರ	
	-987 Apr 30 j 20:48	0°B			-982 Jan 28 j 15:16	0° ≈ ≈	
max. Earth dist.	-987 May 22 j 12:30	20° 8 37'13	1.01783 AU		-982 Feb 27 j 22:18	0°)	
max. Darm dist.	-987 Jun 01 j 09:12	0°Ⅱ	1.01705710		-982 Mar 30 j 18:37	0° Υ	
	·	0ಂ ತಾ			·		
	-987 Jul 02 j 19:35			P. 4. P.	-982 May 01 j 01:47	0°8	1.01506.477
	-987 Aug 02 j 21:26	0 ° Ω		max. Earth dist.	-982 May 23 j 05:29	21° 8 05'38	1.01786 AU
	-987 Sep 02 j 10:41	0° m p			-982 Jun 01 j 14:10	Π °0	
	-987 Oct 02 j 10:52	0∘ ⊽			-982 Jul 03 j 00:38	0 \circ	
	-987 Nov 01 j 00:53	0°M₊			-982 Aug 03 j 02:35	$0^{\circ}\Omega$	
min. Earth dist.	-987 Nov 22 j 12:26	21°M55'42	0.98214 AU		-982 Sep 02 j 15:57	0° m y	
	-987 Nov 30 j 10:07	0° ∡ ¹			-982 Oct 02 j 16:12	0∘ <u>⊽</u>	
	-987 Dec 29 j 21:08	0°ප			-982 Nov 01 j 06:14	0°M₊	
	·	0° ≈		min. Earth dist.	·		0.00212.411
	-986 Jan 28 j 16:03			IIIII. Eartii dist.	-982 Nov 23 j 19:16	23°M00'51	0.98212 AU
	-986 Feb 27 j 23:07	0° ∀			-982 Nov 30 j 15:26	0° ∡	
	-986 Mar 30 j 19:29	0° Y			-982 Dec 30 j 02:23	0°ප	
	-986 May 01 j 02:39	9° 8			-981 Jan 28 j 21:13	0° ≈	
max. Earth dist.	-986 May 25 j 09:53	23° 8 08'07	1.01782 AU		-981 Feb 28 j 04:13	0° ∀	
	-986 Jun 01 j 15:01	$\Pi^{\circ}0$			-981 Mar 31 j 00:30	0° Y	
	-986 Jul 03 j 01:23	0°ಅ			-981 May 01 j 07:39	0°8	
	-986 Aug 03 j 03:12	$0^{\circ}\Omega$		max. Earth dist.	-981 May 24 j 22:50	22° 8 30'04	1.01781 AU
	-986 Sep 02 j 16:27	0° mp		max. Lartii dist.	-981 Jun 01 j 20:02	0°П	1.01/01/10
		-					
	-986 Oct 02 j 16:38	0∘ 亚			-981 Jul 03 j 06:29	0°©	
	-986 Nov 01 j 06:39	0°M₊			-981 Aug 03 j 08:25	0 $^{\circ}$ Ω	
min. Earth dist.	-986 Nov 21 j 20:20	20° ™ 59'31	0.98219 AU		-981 Sep 02 j 21:48	0° m)	
	-986 Nov 30 j 15:55	0° ∡ 7			-981 Oct 02 j 22:04	0∘ ⊽	
	-986 Dec 30 j 02:54	ರ∘ರ			-981 Nov 01 j 12:06	0°M.	
	-985 Jan 28 j 21:46	0° ≈		min. Earth dist.	-981 Nov 22 j 03:15	21°ML03'29	0.98211 AU
	-985 Feb 28 j 04:46	0°) €			-981 Nov 30 j 21:17	0° ∡ ¹	
	-985 Mar 31 j 01:04	0°Υ			-981 Dec 30 j 08:11	0°ਤੇ	
	·				·		
	-985 May 01 j 08:14	0°8			-980 Jan 29 j 02:58	0° ≈	
max. Earth dist.	-985 May 24 j 01:58	21° 8 38'52	1.01788 AU		-980 Feb 28 j 09:54	0° ∀	
	-985 Jun 01 j 20:39	Π $^{\circ}0$			-980 Mar 30 j 06:11	0 ° Υ	
	-985 Jul 03 j 07:07	0ಂ ಎ			-980 Apr 30 j 13:21	0° ႘	
	-985 Aug 03 j 09:02	$\mathfrak{O}_{\circ} \mathfrak{O}$		max. Earth dist.	-980 May 24 j 09:18	22° 8 41'06	1.01791 AU
	-985 Sep 02 j 22:21	0° m/y			-980 Jun 01 j 01:47	0°II	
	-985 Oct 02 j 22:33	0∘ ত			-980 Jul 02 j 12:17	0.2 0.2	
	-985 Nov 01 j 12:34	0°M			-980 Aug 02 j 14:15	0°€0	
min D-41 J'	·		0.00217 411		• .		
min. Earth dist.	-985 Nov 24 j 08:02	23°M17'13	0.98216 AU		-980 Sep 02 j 03:38	0° my	
	-985 Nov 30 j 21:48	0° ∡ 7			-980 Oct 02 j 03:55	0∘ ⊽	
	-985 Dec 30 j 08:47	0°る			-980 Oct 31 j 17:58	0° M	

•			• • •	*	981 BCE in historical cou		3
		•	0.98217 AU	nting style is the year		o°M)	
min. Earth dist.	-980 Nov 23 j 08:57 -980 Nov 30 j 03:11	23 11 6 03 41 0° √	0.96217 AU		-975 Sep 02 j 08:44 -975 Oct 02 j 09:00	0∘ ت المار	
	-980 Dec 29 j 14:07	0°ප ව°0			-975 Oct 31 j 23:04	0 == 0°M₊	
	-980 Dec 29 j 14.07 -979 Jan 28 j 08:54	0°≈		min. Earth dist.	-975 Nov 22 j 01:54	21°MJ33'07	0.98220 AU
	-979 Feb 27 j 15:50	0° ∺		mm. Earm dist.	-975 Nov 30 j 08:19	21 116 33 07 0° ⊼ 1	0.98220 AO
	-979 Mar 30 j 12:07	0°Υ			-975 Dec 29 j 19:18	0° ਠ	
	-979 Apr 30 j 19:17	%8 0°8			-974 Jan 28 j 14:08	0° ≈	
max. Earth dist.	-979 May 22 j 17:45	20° 8 53'15	1.01786 AU		-974 Feb 27 j 21:05	0° ∺	
max. Latin dist.	-979 Jun 01 j 07:42	0°Ⅱ	1.01760 AC		-974 Mar 30 j 17:19	0° Υ	
	-979 Jul 02 j 18:11	0°©			-974 May 01 j 00:24	0°8	
	-979 Aug 02 j 20:08	0°€0		max. Earth dist.	-974 May 23 j 11:58	21° 8 24'22	1.01783 AU
	-979 Sep 02 j 09:29	0° mp		max. Lattii dist.	-974 Jun 01 j 12:45	0°Ⅱ	1.01763 AU
	-979 Oct 02 j 09:43	0° ت 0°1			-974 Jul 02 j 23:10	0°©	
	-979 Oct 31 j 23:47	0° m .			-974 Aug 03 j 01:06	0° U	
min. Earth dist.	-979 Nov 22 j 21:45	22°M22'14	0.98215 AU		-974 Aug 03 j 01:00 -974 Sep 02 j 14:28	0° m)	
iiiii. Eartii tist.	-979 Nov 30 j 09:03	0° √	0.96213 AU		-974 Oct 02 j 14:46	0∘ ত المار	
	-979 Dec 29 j 20:04	0°ප ව°0			-974 Oct 02 j 14.40	0 == 0° M ₊	
	-978 Jan 28 j 14:55	0°≈		min Earth diat	3	23°M20'03	0.00210 ATT
	-978 Feb 27 j 21:53	0 ≈ 0° ∺		min. Earth dist.	-974 Nov 24 j 01:29 -974 Nov 30 j 14:10	23 IIG20 03 0° √	0.98219 AU
	-978 Mar 30 j 18:07	0 K 0°Υ			,	0°る	
	,	0° 8			-974 Dec 30 j 01:10	0°≈	
Earth diet	-978 May 01 j 01:12	23° 8 22'19	1 01702 ATT		-973 Jan 28 j 20:00		
max. Earth dist.	-978 May 25 j 14:22	_	1.01782 AU		-973 Feb 28 j 02:56	0° ℋ 0° Ƴ	
	-978 Jun 01 j 13:33	0° ∏			-973 Mar 30 j 23:09		
	-978 Jul 02 j 23:59	ია ი 0ა ⊙		F41 Ji-4	-973 May 01 j 06:14	0°8	1 01770 AII
	-978 Aug 03 j 01:55	0° N		max. Earth dist.	-973 May 24 j 11:02	22° 8 05'29	1.01779 AU
	-978 Sep 02 j 15:16	0° m			-973 Jun 01 j 18:35	0°II	
	-978 Oct 02 j 15:32	0∘ ⊽			-973 Jul 03 j 05:02	0°©	
	-978 Nov 01 j 05:35	0°M	0.00010.411		-973 Aug 03 j 06:58	0° N	
min. Earth dist.	-978 Nov 21 j 18:44	20°M58'07	0.98219 AU		-973 Sep 02 j 20:20	0° m)	
	-978 Nov 30 j 14:52	0° ∡ 7			-973 Oct 02 j 20:36	0∘ 亚	
	-978 Dec 30 j 01:51	% ප		· P d II ·	-973 Nov 01 j 10:39	0°M	0.00014.447
	-977 Jan 28 j 20:41	0° ≈		min. Earth dist.	-973 Nov 22 j 04:58	21°M11'32	0.98214 AU
	-977 Feb 28 j 03:36	0°) €			-973 Nov 30 j 19:53	0° ∡ ¹	
	-977 Mar 30 j 23:48	0° Υ			-973 Dec 30 j 06:50	್ತಿ	
n d ti	-977 May 01 j 06:51	0°8	1.01707.411		-972 Jan 29 j 01:39	0° ≈	
max. Earth dist.	-977 May 24 j 14:17		1.01786 AU		-972 Feb 28 j 08:34	0°) €	
	-977 Jun 01 j 19:12	0°II			-972 Mar 30 j 04:48	0° Ƴ	
	-977 Jul 03 j 05:40	0° ©		75 at 15 a	-972 Apr 30 j 11:54	0°8	1 01 700 177
	-977 Aug 03 j 07:41	0° Ω		max. Earth dist.	-972 May 24 j 17:35	23° 8 04'20	1.01788 AU
	-977 Sep 02 j 21:07	0° m)			-972 Jun 01 j 00:18	0°II	
	-977 Oct 02 j 21:26	0∘ 亚			-972 Jul 02 j 10:47	0°©	
	-977 Nov 01 j 11:30	0°M			-972 Aug 02 j 12:46	0° N	
min. Earth dist.	-977 Nov 24 j 11:38	23°M29'06	0.98217 AU		-972 Sep 02 j 02:09	0° m)	
	-977 Nov 30 j 20:45	0° ∡ 7			-972 Oct 02 j 02:24	0∘ 亚	
	-977 Dec 30 j 07:42	0°₹			-972 Oct 31 j 16:25	0°M,	
	-976 Jan 29 j 02:31	0° ≈		min. Earth dist.	-972 Nov 22 j 18:10	22°M31'50	0.98217 AU
	-976 Feb 28 j 09:27	0°){			-972 Nov 30 j 01:38	0° ∡ ¹	
	-976 Mar 30 j 05:42	0° Υ			-972 Dec 29 j 12:34	್ತಿ	
	-976 Apr 30 j 12:48	0° 8			-971 Jan 28 j 07:23	0° ≈	
max. Earth dist.	-976 May 22 j 19:50	21° 8 13'45	1.01781 AU		-971 Feb 27 j 14:20	0°) €	
	-976 Jun 01 j 01:10	0°Ⅱ			-971 Mar 30 j 10:35	0° Y	
	-976 Jul 02 j 11:38	0° ©		75 at 15 a	-971 Apr 30 j 17:44	0°8	1.01506.177
	-976 Aug 02 j 13:36	0° N		max. Earth dist.	-971 May 22 j 20:30	21° 8 03'29	1.01786 AU
	-976 Sep 02 j 02:59	0° m)			-971 Jun 01 j 06:08	0°II	
	-976 Oct 02 j 03:15	0∘ ⊽			-971 Jul 02 j 16:37	0° ©	
	-976 Oct 31 j 17:18	0°M	0.00010.477		-971 Aug 02 j 18:36	0° Q	
min. Earth dist.	-976 Nov 22 j 00:44	21°M45'07	0.98213 AU		-971 Sep 02 j 07:59	0° m)	
	-976 Nov 30 j 02:32	0° ∡ 7			-971 Oct 02 j 08:14	0° ™	
	-976 Dec 29 j 13:30	್ತಿ			-971 Oct 31 j 22:16	0°M,	0.00010.177
	-975 Jan 28 j 08:20	0° ≈		min. Earth dist.	-971 Nov 23 j 03:47	22°M41'41	0.98212 AU
	-975 Feb 27 j 15:18	0°) €			-971 Nov 30 j 07:29	0° ⊼ ¹	
	-975 Mar 30 j 11:35	0°Υ •••			-971 Dec 29 j 18:26	0° る	
P 4 "	-975 Apr 30 j 18:42	0°8	1.01800 477		-970 Jan 28 j 13:15	0° ≈	
max. Earth dist.	-975 May 25 j 07:26	23° 8 21'13	1.01783 AU		-970 Feb 27 j 20:13	0°) €	
	-975 Jun 01 j 07:03	0° I I			-970 Mar 30 j 16:29	0° Υ	
	-975 Jul 02 j 17:28	0°©		m at er c	-970 Apr 30 j 23:35	0°8	1.01702 : ***
	-975 Aug 02 j 19:23	0 ° Ω		max. Earth dist.	-970 May 25 j 06:54	23° 8 08'28	1.01782 AU

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 46 Attention, astronomical year style is used: The year -970 in astronomical counting style is the year 971 BCE in historical counting style. -970 Jun 01 j 11:56 Π °0 -965 Mar 30 j 21:31 $0^{\circ}\Upsilon$ -970 Jul 02 j 22:23 0ಂತಾ 0°8 -965 May 01 j 04:32 -970 Aug 03 j 00:21 $0^{\circ}\Omega$ 21°**8**55'52 1.01778 AU -965 May 24 j 05:15 max. Earth dist. -970 Sep 02 j 13:46 0° M -965 Jun 01 j 16:51 Π °0 -965 Jul 03 j 03:20 0ಂತಾ -970 Oct 02 j 14:04 0∘ଫ -970 Nov 01 j 04:08 $0^{\circ}M$ -965 Aug 03 j 05:22 0 \circ Ω min. Earth dist. -970 Nov 21 j 21:18 21°ML08'33 0.98214 AU -965 Sep 02 j 18:52 0° m -970 Nov 30 j 13:21 0° ⊀ -965 Oct 02 j 19:15 0∘ಹ 0° M -970 Dec 30 j 00:14 0°궁 -965 Nov 01 j 09:21 -969 Jan 28 j 18:59 0°≈ min. Earth dist. -965 Nov 22 j 13:40 21°M37'06 0.98213 AU -969 Feb 28 j 01:51 0°**)**€ -965 Nov 30 j 18:35 0°**∡**7 $0^{\circ}\Upsilon$ -969 Mar 30 j 22:02 -965 Dec 30 j 05:30 0°ಕ -969 May 01 j 05:07 0°8 -964 Jan 29 j 00:16 0°**≈** max. Earth dist. -969 May 24 j 21:08 22°831'54 1.01789 AU -964 Feb 28 j 07:07 0°**)**€ -969 Jun 01 j 17:30 $0^{\circ}II$ -964 Mar 30 j 03:17 $0^{\circ}\Upsilon$ -969 Jul 03 j 04:00 0ಂತಾ -964 Apr 30 j 10:19 0°8 -969 Aug 03 j 06:03 $0^{\circ}\Omega$ max. Earth dist. -964 May 25 j 01:40 23°**8**27'25 1.01785 AU -969 Sep 02 j 19:33 0° M -964 May 31 j 22:40 Π °0 -969 Oct 02 j 19:55 0∘**ত** -964 Jul 02 j 09:09 0ಂತಾ -969 Nov 01 j 10:01 0°M -964 Aug 02 j 11:11 $0^{\circ}\Omega$ min. Earth dist. -969 Nov 24 j 14:03 23°M39'02 0.98215 AU -964 Sep 02 j 00:41 0° m -969 Nov 30 j 19:14 0°**∡**¹ -964 Oct 02 i 01:03 0∘**⊽** -969 Dec 30 i 06:07 0°정 -964 Oct 31 j 15:10 $0^{\circ}M$ -968 Jan 29 i 00:50 0°≈ min. Earth dist. -964 Nov 22 j 12:56 22°M21'34 0.98218 AU -968 Feb 28 j 07:40 0°**)**€ -964 Nov 30 j 00:24 0°**∡**¹ -968 Mar 30 j 03:51 $0^{\circ}\Upsilon$ -964 Dec 29 j 11:18 0°궁 -968 Apr 30 j 10:58 0°8 -963 Jan 28 j 06:03 0°≈≈ -968 May 22 j 16:32 -963 Feb 27 j 12:56 max Earth dist 21°810'08 1.01786 AU 0° H -963 Mar 30 j 09:08 $0^{\circ}\Upsilon$ -968 May 31 j 23:24 0°Π -963 Apr 30 j 16:12 -968 Jul 02 j 09:56 0000 0° 8 -963 May 23 j 01:17 -968 Aug 02 j 11:58 max. Earth dist. 0° Ω 21°**8**18'28 1.01784 AU 0° My -968 Sep 02 j 01:25 -963 Jun 01 j 04:34 $0^{\circ}\Pi$ -968 Oct 02 j 01:44 0∘ଫ -963 Jul 02 j 15:03 0°9 -968 Oct 31 j 15:50 -963 Aug 02 j 17:02 0°M 0 \circ Ω 22°ML14'50 0.98212 AU min. Earth dist. -968 Nov 22 j 10:54 -963 Sep 02 j 06:30 0° m -968 Nov 30 j 01:05 0°**∡** -963 Oct 02 j 06:51 0∘ଫ 0°궁 -968 Dec 29 j 12:00 -963 Oct 31 j 21:00 0°M -967 Jan 28 j 06:45 0°**≈** min. Earth dist. -963 Nov 23 j 14:05 23°ML11'03 0.98217 AU -967 Feb 27 j 13:36 0°**)**€ -963 Nov 30 j 06:17 0°⊀ -967 Mar 30 j 09:47 $0^{\circ}\Upsilon$ -963 Dec 29 j 17:15 0°₹ -967 Apr 30 j 16:52 0° 8 -962 Jan 28 j 12:02 0°≈ -967 May 25 j 12:11 23°836'50 1.01786 AU -962 Feb 27 j 18:55 0°**)**€ max. Earth dist. -967 Jun 01 j 05:16 -962 Mar 30 j 15:07 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -967 Jul 02 j 15:46 0ಂತಾ -962 Apr 30 j 22:10 0°8 -967 Aug 02 j 17:46 -962 May 24 j 20:18 0° Ω max. Earth dist. 22°846'39 1.01779 AU -967 Sep 02 i 07:12 0° m -962 Jun 01 i 10:31 $\Pi^{\circ}0$ -967 Oct 02 i 07:31 0∘**⊽** -962 Jul 02 i 20:58 0ಂತಾ -967 Oct 31 j 21:37 0°M -962 Aug 02 j 22:56 $0^{\circ}\Omega$ min. Earth dist. -967 Nov 21 j 19:38 21°M20'47 0.98220 AU -962 Sep 02 j 12:22 0° m -967 Nov 30 j 06:53 0°×7 -962 Oct 02 j 12:43 0∘Ω -967 Dec 29 j 17:50 0°る -962 Nov 01 j 02:52 o°m. 21°ML19'42 0.98217 AU -966 Jan 28 j 12:37 0°≈≈ min Earth dist -962 Nov 22 j 00:26 -966 Feb 27 j 19:28 0°**₩** -962 Nov 30 j 12:09 0°×7 $0^{\circ}\Upsilon$ -962 Dec 29 j 23:06 -966 Mar 30 j 15:35 0°궁 -966 Apr 30 j 22:36 0°8 -961 Jan 28 j 17:50 0°≈ -966 May 24 j 00:20 21°**8**58'03 1.01784 AU -961 Feb 28 j 00:38 0°**)**€ max. Earth dist. $0^{\circ}\Upsilon$ -966 Jun 01 j 10:56 $0^{\circ}\Pi$ -961 Mar 30 j 20:45 -966 Jul 02 j 21:26 0ಂತಾ 0°8 -961 May 01 j 03:47 0° Ω -966 Aug 02 j 23:28 max. Earth dist. -961 May 25 j 06:02 22°**8**56'16 1.01787 AU -966 Sep 02 j 12:57 0° m -961 Jun 01 j 16:08 $0^{\circ}\Pi$ -961 Jul 03 j 02:39 -966 Oct 02 j 13:20 0∘**⊽** 0 \circ \odot -966 Nov 01 j 03:28 0°M -961 Aug 03 j 04:43 0 \circ Ω min. Earth dist. -966 Nov 24 j 05:52 23°M34'49 0.98219 AU -961 Sep 02 j 18:13 0° m -966 Nov 30 j 12:45 0°⊀ -961 Oct 02 j 18:36 0∘**⊽** -966 Dec 29 j 23:43 0°궁 -961 Nov 01 j 08:43 0°M -965 Jan 28 j 18:30 0°≈ min. Earth dist. -961 Nov 24 j 06:31 23°M22'59 0.98219 AU

-961 Nov 30 j 17:59

0°**∡**7

-965 Feb 28 j 01:22

0°**)**€

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 47 Attention, astronomical year style is used: The year -961 in astronomical counting style is the year 962 BCE in historical counting style. -961 Dec 30 i 04:54 0°정 -956 Oct 31 j 13:58 $0^{\circ}M$ -956 Nov 22 j 05:18 -960 Jan 28 j 23:39 22°M05'01 0.98219 AU 0°≈≈ min. Earth dist. -956 Nov 29 j 23:14 -960 Feb 28 j 06:28 0°**)**€ 0°**∡**¹ -960 Mar 30 j 02:36 $0^{\circ}\Upsilon$ 0°정 -956 Dec 29 j 10:08 -960 Apr 30 j 09:40 0° 8 -955 Jan 28 j 04:48 0°≈ 0°**)**€ max. Earth dist. -960 May 22 j 18:21 21°**8**17'35 1.01787 AU -955 Feb 27 j 11:34 $0^{\circ}\Upsilon$ -960 May 31 j 22:05 Π °0 -955 Mar 30 j 07:39 $0^{\circ} \mathsf{S}$ -960 Jul 02 j 08:39 0°9 -955 Apr 30 j 14:40 -960 Aug 02 j 10:43 0° Ω max. Earth dist. -955 May 23 j 10:38 21°**8**44'19 1.01786 AU -960 Sep 02 j 00:12 0° M -955 Jun 01 j 03:02 Π °0 -960 Oct 02 j 00:31 0∘**⊽** -955 Jul 02 j 13:34 0ಂತಾ -960 Oct 31 j 14:36 0° M -955 Aug 02 j 15:38 0° Ω min. Earth dist. -960 Nov 22 j 16:21 22°M32'00 0.98211 AU -955 Sep 02 j 05:09 0° M -960 Nov 29 j 23:49 0°⊀ -955 Oct 02 j 05:34 0∘**⊽** -960 Dec 29 j 10:45 0°ರ -955 Oct 31 j 19:44 0°M -959 Jan 28 j 05:30 0°**≈** min. Earth dist. -955 Nov 23 j 20:35 23°M30'51 0.98218 AU -959 Feb 27 j 12:23 0°**)**€ -955 Nov 30 j 05:02 0°**⊼** -959 Mar 30 j 08:33 $0^{\circ}\Upsilon$ -955 Dec 29 j 15:59 0°정 -959 Apr 30 j 15:36 0°8 -954 Jan 28 j 10:44 0°≈ max. Earth dist. -959 May 25 j 11:40 23°**8**38'42 1.01784 AU -954 Feb 27 j 17:32 0°**)**€ -959 Jun 01 j 03:59 Π $^{\circ}0$ -954 Mar 30 j 13:37 $0^{\circ}\Upsilon$ -959 Jul 02 j 14:30 0ಂತಾ -954 Apr 30 j 20:36 0°8 -959 Aug 02 j 16:33 $0^{\circ}\Omega$ max. Earth dist. -954 May 24 j 13:33 22°834'29 1.01778 AU -959 Sep 02 i 06:02 0° m -954 Jun 01 i 08:54 $\Pi^{\circ}0$ -959 Oct 02 j 06:22 0∘**⊽** -954 Jul 02 j 19:24 0ಂತಾ -959 Oct 31 j 20:27 0°M -954 Aug 02 j 21:28 $0^{\circ}\Omega$ -959 Nov 21 j 15:34 21°M13'27 0.98215 AU -954 Sep 02 j 10:59 min Earth dist 0° m -959 Nov 30 j 05:41 0°×7 -954 Oct 02 j 11:24 0∘Ω -959 Dec 29 j 16:35 0°る -954 Nov 01 j 01:34 oom. -958 Jan 28 j 11:19 -954 Nov 22 j 05:03 0°≈ min. Earth dist. 21°M34'49 0.98216 AU -958 Feb 27 j 18:10 0°**)**€ -954 Nov 30 j 10:51 0°⊀ $0^{\circ}\Upsilon$ -958 Mar 30 j 14:17 -954 Dec 29 j 21:46 0°ಕ 0° 8 -958 Apr 30 j 21:17 -953 Jan 28 j 16:28 0°≈ -958 May 24 j 08:25 22°**8**20'22 1.01785 AU -953 Feb 27 j 23:13 0°**)**€ max. Earth dist. -958 Jun 01 j 09:37 -953 Mar 30 j 19:16 $0^{\circ}\Upsilon$ $0^{\circ}\Pi$ -958 Jul 02 j 20:07 -953 May 01 j 02:12 0ಂತಾ 0° 8 -958 Aug 02 j 22:12 0 \circ Ω max. Earth dist. -953 May 25 j 16:04 23°**8**24'00 1.01785 AU -958 Sep 02 j 11:45 0° M -953 Jun 01 j 14:30 $\Pi^{\circ}0$ -958 Oct 02 j 12:11 0∘**⊽** -953 Jul 03 j 01:01 0ಂತಾ -958 Nov 01 j 02:20 0° M -953 Aug 03 j 03:08 $0^{\circ}\Omega$ min. Earth dist. -958 Nov 24 j 10:07 23°M48'35 0.98216 AU -953 Sep 02 j 16:44 0° m -958 Nov 30 j 11:36 -953 Oct 02 j 17:12 0∘**ত** 0°×7 -958 Dec 29 j 22:29 0°₹ -953 Nov 01 j 07:23 -957 Jan 28 j 17:11 -953 Nov 24 j 00:32 23°M11'04 0.98219 AU 0°≈ min. Earth dist. -957 Feb 27 j 23:59 0°**)**€ -953 Nov 30 j 16:38 0°**∡**7 $0^{\circ}\Upsilon$ -957 Mar 30 j 20:07 -953 Dec 30 i 03:31 0°궁 -957 May 01 i 03:08 0°8 -952 Jan 28 i 22:12 0°≈ max. Earth dist. -957 May 23 j 19:37 21°836'15 1.01781 AU -952 Feb 28 i 04:58 0°**∀** -957 Jun 01 j 15:29 $0^{\circ}\Pi$ -952 Mar 30 j 01:02 $0^{\circ}\Upsilon$ -957 Jul 03 j 02:00 0ಂತಾ -952 Apr 30 j 08:02 0°8 -957 Aug 03 j 04:05 $0^{\circ}\Omega$ max. Earth dist. -952 May 22 j 21:36 21°829'14 1.01785 AU -957 Sep 02 j 17:38 0° m -952 May 31 j 20:24 0°π 0∘**⊽** -952 Jul 02 j 06:56 0ಂತಾ -957 Oct 02 j 18:04 -952 Aug 02 j 09:03 $0^{\circ}\Omega$ -957 Nov 01 j 08:13 0°M min. Earth dist. -957 Nov 23 j 00:03 22°M06'32 0.98212 AU -952 Sep 01 j 22:36 0° m -957 Nov 30 j 17:28 0°**∡**¹ -952 Oct 01 j 23:02 0∘ಹ -957 Dec 30 j 04:19 0°ರ -952 Oct 31 j 13:12 0° M -956 Jan 28 j 22:59 0°≈ 23°ML02'32 0.98213 AU min. Earth dist. -952 Nov 23 j 02:55 -956 Feb 28 j 05:44 0°**)**€ -952 Nov 29 j 22:27 0° ×7 $0^{\circ}\Upsilon$ 0°ಕ -956 Mar 30 j 01:50 -952 Dec 29 j 09:20 -956 Apr 30 j 08:52 0°8 -951 Jan 28 j 04:01 0°≈ max. Earth dist. -956 May 25 j 06:38 23°**8**42'39 1.01787 AU -951 Feb 27 j 10:49 0°**)**€ -956 May 31 j 21:15 Π °0 -951 Mar 30 j 06:56 $0^{\circ}\Upsilon$ -956 Jul 02 j 07:46 0 \circ \odot -951 Apr 30 j 13:57 0°8 -956 Aug 02 j 09:51 0° Ω max. Earth dist. -951 May 25 j 05:29 23°**႘**28'00 1.01782 AU -956 Sep 01 j 23:24 0° m -951 Jun 01 j 02:18 $\Pi^{\circ}0$

-951 Jul 02 j 12:48

0ಂತಾ

-956 Oct 01 j 23:49

0∘**ত**

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 48 Attention, astronomical year style is used: The year -951 in astronomical counting style is the year 952 BCE in historical counting style. -951 Aug 02 j 14:51 $0^{\circ}\Omega$ max. Earth dist. -946 May 24 j 01:18 22°809'22 1.01780 AU -951 Sep 02 j 04:23 0°m -946 Jun 01 j 07:14 0°π -951 Oct 02 j 04:48 0∘**⊽** -946 Jul 02 j 17:46 0ಂತಾ -951 Oct 31 j 18:58 $0^{\circ}M$ -946 Aug 02 j 19:54 0° Ω 0° My min. Earth dist. -951 Nov 21 j 18:13 21°ML23'57 0.98218 AU -946 Sep 02 j 09:31 0∘**⊽** -951 Nov 30 j 04:15 0°**∡**¹ -946 Oct 02 j 10:01 -951 Dec 29 j 15:10 0°궁 -946 Nov 01 j 00:13 $0^{\circ}M$ 22°M00'33 0.98213 AU -950 Jan 28 j 09:51 0°≈ min. Earth dist. -946 Nov 22 j 13:45 0°**)**€ -950 Feb 27 j 16:36 -946 Nov 30 j 09:29 0°**√** $0^{\circ}\Upsilon$ -950 Mar 30 j 12:39 -946 Dec 29 j 20:20 0°ಕ -950 Apr 30 j 19:36 0°8 -945 Jan 28 j 14:56 0°**≈** 0°**)**€ max. Earth dist. -950 May 24 j 16:34 22°843'47 1.01785 AU -945 Feb 27 j 21:36 $0^{\circ}\Upsilon$ -950 Jun 01 j 07:55 $0^{\circ}\Pi$ -945 Mar 30 j 17:37 -950 Jul 02 j 18:25 0ಂತಾ -945 May 01 j 00:34 0°8 -950 Aug 02 j 20:30 $0^{\circ}\Omega$ max. Earth dist. -945 May 25 j 22:37 23°843'26 1.01786 AU -950 Sep 02 j 10:04 0° M -945 Jun 01 j 12:53 $\Pi^{\circ}0$ -950 Oct 02 j 10:32 0∘**⊽** -945 Jul 02 j 23:27 0ಂತಾ -950 Nov 01 j 00:44 $0^{\circ}M$ -945 Aug 03 j 01:38 0° Ω min. Earth dist. -950 Nov 24 j 09:22 23°M50'33 0.98221 AU -945 Sep 02 j 15:18 0° m -950 Nov 30 j 10:03 0°×7 -945 Oct 02 j 15:51 0°Ω -950 Dec 29 j 20:59 0°る -945 Nov 01 j 06:06 $0^{\circ}M$ -949 Jan 28 i 15:39 0°≈ min. Earth dist. -945 Nov 23 j 18:09 22°M57'56 0.98219 AU -949 Feb 27 i 22:23 0°**)**€ -945 Nov 30 i 15:22 0°**∡**¹ -949 Mar 30 j 18:26 $0^{\circ}\Upsilon$ -945 Dec 30 i 02:13 0°궁 -949 May 01 j 01:24 0°8 -944 Jan 28 j 20:47 0°≈ -949 May 23 j 16:34 21°833'09 1.01782 AU -944 Feb 28 j 03:27 0°**₩** max Earth dist -944 Mar 29 j 23:26 -949 Jun 01 j 13:45 $0^{\circ}\Upsilon$ 0°Π -949 Jul 03 j 00:18 0ಂತಾ -944 Apr 30 j 06:24 0°8 -949 Aug 03 j 02:25 $0^{\circ}\Omega$ max Earth dist -944 May 23 j 03:53 21°847'56 1.01788 AU 0° My -949 Sep 02 j 16:00 -944 May 31 j 18:48 $0^{\circ}\Pi$ -949 Oct 02 j 16:26 0∘**⊽** -944 Jul 02 j 05:24 0ಂತಾ -944 Aug 02 j 07:35 -949 Nov 01 j 06:35 0°M 0 \circ Ω 0°M) min. Earth dist. -949 Nov 23 j 06:12 22°M26'26 0.98213 AU -944 Sep 01 j 21:13 -949 Nov 30 j 15:51 -944 Oct 01 j 21:44 0°**∡** 0∘ଫ -949 Dec 30 j 02:44 0°궁 -944 Oct 31 j 11:57 0°M -948 Jan 28 j 21:23 -944 Nov 23 j 11:51 0°≈ min. Earth dist. 23°M28'24 0.98215 AU 0°**)**€ -948 Feb 28 j 04:08 -944 Nov 29 j 21:15 0°**∡** -948 Mar 30 j 00:11 $0^{\circ}\Upsilon$ -944 Dec 29 j 08:08 0°₹ -948 Apr 30 j 07:10 0° 8 -943 Jan 28 j 02:46 0°≈ max. Earth dist. -948 May 25 j 10:15 23°**8**55'22 1.01786 AU -943 Feb 27 j 09:28 0°**)**€ -948 May 31 j 19:32 Π $^{\circ}0$ -943 Mar 30 j 05:28 $0^{\circ}\Upsilon$ -948 Jul 02 j 06:06 0ಂತಾ -943 Apr 30 j 12:26 0°8 -948 Aug 02 j 08:14 $0^{\circ}\Omega$ max. Earth dist. -943 May 25 j 01:35 23°**8**22'23 1.01782 AU -948 Sep 01 j 21:49 -943 Jun 01 j 00:47 0° M $0^{\circ}\Pi$ -948 Oct 01 j 22:15 -943 Jul 02 j 11:21 0∘**⊽** 0ಂತಾ -948 Oct 31 i 12:24 0°M -943 Aug 02 j 13:30 $0^{\circ}\Omega$ min. Earth dist. -948 Nov 21 j 18:36 21°M41'44 0.98217 AU -943 Sep 02 i 03:06 0° m -948 Nov 29 j 21:38 0°**∡**¹ -943 Oct 02 i 03:35 0∘**⊽** -948 Dec 29 j 08:30 0°정 -943 Oct 31 j 17:49 0°M -947 Jan 28 j 03:11 -943 Nov 21 j 21:19 21°M34'47 0.98218 AU 0°≈≈ min Earth dist -947 Feb 27 j 09:56 0°**∀** -943 Nov 30 j 03:08 0°×7 -947 Mar 30 j 06:00 $0^{\circ}\Upsilon$ -943 Dec 29 j 14:03 0°궁 -947 Apr 30 j 12:59 0°8 -942 Jan 28 j 08:43 0°≈≈ -947 May 23 j 19:11 max. Earth dist. 22°808'41 1.01787 AU -942 Feb 27 j 15:24 0°**)**€ -947 Jun 01 j 01:20 $0^{\circ}\Upsilon$ $0^{\circ}II$ -942 Mar 30 j 11:20 -947 Jul 02 j 11:53 0ಂತಾ -942 Apr 30 j 18:12 0°8 -947 Aug 02 j 14:01 $0^{\circ}\Omega$ max. Earth dist. -942 May 25 j 04:27 23°**8**15'30 1.01783 AU $0^{\circ} {\rm M}$ -942 Jun 01 j 06:27 -947 Sep 02 j 03:37 Π $^{\circ}0$ -947 Oct 02 j 04:05 0∘**⊽** -942 Jul 02 j 16:59 0ಂತಾ -947 Oct 31 j 18:14 0°M -942 Aug 02 j 19:09 0 \circ Ω min. Earth dist. -947 Nov 24 j 01:15 23°M46'37 0.98215 AU -942 Sep 02 j 08:49 0° m -947 Nov 30 j 03:30 0°**∡** -942 Oct 02 j 09:22 0∘**⊽** -947 Dec 29 j 14:23 0°궁 -942 Oct 31 j 23:37 0°M -946 Jan 28 j 09:04 0°≈ min. Earth dist. -942 Nov 24 j 05:56 23°M44'35 0.98222 AU -946 Feb 27 j 15:50 0°**)** -942 Nov 30 j 08:57 0°**∡**7 -946 Mar 30 j 11:55 $0^{\circ}\Upsilon$ -942 Dec 29 j 19:52 0°る

-941 Jan 28 j 14:32

0°≈

-946 Apr 30 j 18:54

 0° 8

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 49 Attention, astronomical year style is used: The year -941 in astronomical counting style is the year 942 BCE in historical counting style. -941 Feb 27 j 21:14 0°**∀** -937 Nov 30 j 14:01 0°**∡**¹ -941 Mar 30 j 17:12 $0^{\circ}\Upsilon$ -937 Dec 30 j 00:53 0°궁 9° 0°≈ -941 May 01 j 00:05 -936 Jan 28 j 19:29 0°**)**€ -941 May 23 j 18:31 21°840'59 1.01779 AU -936 Feb 28 j 02:08 max. Earth dist. $0^{\circ}\Upsilon$ -941 Jun 01 j 12:22 Π °0 -936 Mar 29 j 22:05 -941 Jul 02 j 22:54 0°8 0°9 -936 Apr 30 j 05:01 -941 Aug 03 j 01:05 0° Ω max. Earth dist. -936 May 23 j 10:09 22°**8**06'07 1.01789 AU -941 Sep 02 j 14:46 0° M -936 May 31 j 17:24 0°II -941 Oct 02 j 15:19 0∘**⊽** -936 Jul 02 j 04:02 0ಂಪ -941 Nov 01 j 05:33 0° M -936 Aug 02 j 06:14 0° Ω min. Earth dist. -941 Nov 23 j 16:22 22°M55'03 0.98214 AU -936 Sep 01 j 19:53 0° M -941 Nov 30 j 14:49 0°⊀ -936 Oct 01 j 20:23 0∘**⊽** -941 Dec 30 j 01:41 0°궁 -936 Oct 31 j 10:33 0°M -940 Jan 28 j 20:19 0°**≈** min. Earth dist. -936 Nov 23 j 15:11 23°M40'35 0.98213 AU -940 Feb 28 j 03:01 0°**)**€ -936 Nov 29 j 19:48 0°**⊼** -940 Mar 29 j 23:02 $0^{\circ}\Upsilon$ -936 Dec 29 j 06:38 0°ರ -940 Apr 30 j 05:58 0° 8 -935 Jan 28 j 01:16 0°≈ max. Earth dist. -940 May 25 j 09:12 23°855'52 1.01781 AU -935 Feb 27 j 07:58 0°**)**€ -940 May 31 j 18:16 Π °0 -935 Mar 30 j 03:59 $0^{\circ}\Upsilon$ -940 Jul 02 j 04:48 0ಂತಾ -935 Apr 30 j 10:56 0°8 -940 Aug 02 j 06:56 $0^{\circ}\Omega$ max. Earth dist. -935 May 24 j 11:37 22°852'47 1.01783 AU -940 Sep 01 i 20:35 0° m -935 May 31 j 23:18 $\Pi^{\circ}0$ -940 Oct 01 j 21:07 0∘**⊽** -935 Jul 02 j 09:54 0ಂತಾ -940 Oct 31 i 11:21 0°M -935 Aug 02 j 12:06 $0^{\circ}\Omega$ min. Earth dist. -940 Nov 21 j 18:02 21°M42'54 0.98218 AU -935 Sep 02 j 01:45 0° m -940 Nov 29 j 20:38 0°×7 -935 Oct 02 j 02:16 0∘Ω -940 Dec 29 j 07:30 0°る -935 Oct 31 j 16:27 oom. -939 Jan 28 j 02:07 -935 Nov 22 j 02:12 0°≈≈ min. Earth dist. 21°M50'54 0.98212 AU -939 Feb 27 j 08:49 0°**₩** -935 Nov 30 j 01:42 0°⊀ $0^{\circ}\Upsilon$ -935 Dec 29 j 12:32 -939 Mar 30 j 04:50 0°ಕ -939 Apr 30 j 11:47 0° 8 -934 Jan 28 j 07:07 0°≈ -934 Feb 27 j 13:45 -939 May 24 j 02:28 22°**8**28'54 1.01784 AU 0°)(max. Earth dist. $0^{\circ}\Upsilon$ -939 Jun 01 j 00:05 Π $^{\circ}0$ -934 Mar 30 j 09:41 0° 8 -939 Jul 02 j 10:35 -934 Apr 30 j 16:34 0ಂತಾ -939 Aug 02 j 12:42 -934 May 25 j 11:04 0 \circ Ω max. Earth dist. 23°**8**35'05 1.01785 AU -939 Sep 02 j 02:19 0° M -934 Jun 01 j 04:51 Π $^{\circ}0$ -934 Jul 02 j 15:24 -939 Oct 02 j 02:50 0∘**⊽** 0ಂತಾ -939 Oct 31 j 17:05 0° M -934 Aug 02 j 17:38 $0^{\circ}\Omega$ min. Earth dist. -939 Nov 24 j 04:45 23°M58'21 0.98221 AU -934 Sep 02 j 07:22 0° m -939 Nov 30 j 02:24 0°⊀ -934 Oct 02 j 07:57 0∘**⊽** -939 Dec 29 j 13:19 0°ರ -934 Oct 31 j 22:13 $0^{\circ}M$ -938 Jan 28 j 07:59 -934 Nov 24 j 02:16 23°M38'49 0.98218 AU 0°≈ min. Earth dist. -938 Feb 27 j 14:41 0°**)**€ -934 Nov 30 j 07:30 0°×7 -938 Mar 30 j 10:43 $0^{\circ}\Upsilon$ -934 Dec 29 j 18:20 0°정 -938 Apr 30 j 17:40 0° 8 -933 Jan 28 j 12:52 0°≈ max. Earth dist. -938 May 23 j 14:58 21°847'46 1.01779 AU -933 Feb 27 i 19:28 0°**∀** $0^{\circ}\Upsilon$ -938 Jun 01 i 05:59 Π °0 -933 Mar 30 j 15:23 -938 Jul 02 j 16:30 0ಂತಾ -933 Apr 30 j 22:17 0°8 -938 Aug 02 j 18:37 $0^{\circ}\Omega$ max. Earth dist. -933 May 23 j 20:57 21°850'56 1.01784 AU -938 Sep 02 j 08:13 0° m -933 Jun 01 j 10:37 $\Pi^{\circ}0$ -938 Oct 02 j 08:43 0∘**⊽** -933 Jul 02 j 21:13 0ಂತಾ 0°M -933 Aug 02 j 23:28 -938 Oct 31 j 22:58 $0^{\circ}\Omega$ 22°M18'49 0.98216 AU min Earth dist -938 Nov 22 j 19:40 -933 Sep 02 j 13:14 0° m -938 Nov 30 j 08:17 0°**∡**¹ -933 Oct 02 j 13:51 0∘**⊽** -938 Dec 29 j 19:10 0°ರ -933 Nov 01 j 04:07 0°M -937 Jan 28 j 13:47 0°≈ min. Earth dist. -933 Nov 24 j 03:16 23°M26'32 0.98212 AU -937 Feb 27 j 20:25 0°**)**€ -933 Nov 30 j 13:23 0°×7 $0^{\circ}\Upsilon$ -937 Mar 30 j 16:22 0°ಕ -933 Dec 30 j 00:11 -932 Jan 28 j 18:42 -937 Apr 30 j 23:17 0°8 0°≈ 0°**)**€ max. Earth dist. -937 May 26 j 03:43 23°**8**58'39 1.01785 AU -932 Feb 28 j 01:16 $0^{\circ}\Upsilon$ -937 Jun 01 j 11:36 Π °0 -932 Mar 29 j 21:11 -937 Jul 02 j 22:10 0 \circ \odot -932 Apr 30 j 04:05 0°8 -937 Aug 03 j 00:21 0° Ω max. Earth dist. -932 May 25 j 08:03 23°**8**57'34 1.01784 AU -937 Sep 02 j 14:01 0° m -932 May 31 j 16:26 Π °0 -937 Oct 02 j 14:32 0∘**⊽** -932 Jul 02 j 03:03 0 \circ \odot -937 Nov 01 j 04:45 $0^{\circ}\Omega$ 0°M -932 Aug 02 j 05:17

min. Earth dist.

-937 Nov 23 j 01:39

22°M19'14 0.98219 AU

-932 Sep 01 j 19:00

0° M

Planetary Phenomena of Sun from -1400 through -898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 50 Attention, astronomical year style is used: The year -932 in astronomical counting style is the year 933 BCE in historical counting style. -932 Oct 01 j 19:36 0∘**⊽** -927 Jul 02 j 08:16 0ಂತಾ -927 Aug 02 j 10:28 -932 Oct 31 j 09:52 0°M $0^{\circ}\Omega$ -932 Nov 21 j 19:17 0° m min Earth dist 21°M49'50 0.98218 AU -927 Sep 02 j 00:10 -932 Nov 29 j 19:11 0°×7 -927 Oct 02 j 00:45 0∘Ω -932 Dec 29 j 06:01 0°궁 -927 Oct 31 j 15:03 $0^{\circ}M$ 22°M12'59 0.98217 AU -931 Jan 28 j 00:33 0°≈ min. Earth dist. -927 Nov 22 j 09:30 0°**)**€ -931 Feb 27 j 07:07 -927 Nov 30 j 00:23 0°**∡**7 $0^{\circ}\Upsilon$ -931 Mar 30 j 03:01 -927 Dec 29 j 11:16 0°ಕ -931 Apr 30 j 09:52 0° 8 -926 Jan 28 j 05:50 0°≈ max. Earth dist. -931 May 24 j 15:22 23°**8**04'09 1.01786 AU -926 Feb 27 j 12:25 0°**)**€ $0^{\circ}\Upsilon$ -931 May 31 j 22:10 Π $^{\circ}0$ -926 Mar 30 j 08:17 -931 Jul 02 j 08:45 0ಂತಾ -926 Apr 30 j 15:07 0°8 -931 Aug 02 j 10:58 0° Ω max. Earth dist. -926 May 25 j 17:16 23°**8**53'20 1.01782 AU -931 Sep 02 j 00:41 0° M -926 Jun 01 j 03:23 $\Pi^{\circ}0$ -931 Oct 02 j 01:16 0∘**⊽** -926 Jul 02 j 13:55 0ಂತಾ -931 Oct 31 j 15:34 0°M -926 Aug 02 j 16:08 $0^{\circ}\Omega$ min. Earth dist. -931 Nov 24 j 04:42 24°ML02'01 0.98222 AU -926 Sep 02 j 05:52 0° m -931 Nov 30 j 00:55 0°×7 -926 Oct 02 j 06:30 0°**⊽** -931 Dec 29 j 11:49 0°る -926 Oct 31 j 20:49 0°M -930 Jan 28 j 06:26 0°≈ min. Earth dist. -926 Nov 23 j 12:19 23°M06'34 0.98223 AU -930 Feb 27 j 13:03 0°**)**€ -926 Nov 30 j 06:11 0°**∡**7 -930 Mar 30 i 08:57 $0^{\circ}\Upsilon$ -926 Dec 29 i 17:04 0°ಕ -930 Apr 30 j 15:47 0°8 -925 Jan 28 j 11:38 0°≈ max. Earth dist. -930 May 23 j 16:28 21°855'54 1.01778 AU -925 Feb 27 i 18:12 0°**∀** -930 Jun 01 j 04:04 $0^{\circ}\Pi$ -925 Mar 30 j 14:04 $0^{\circ}\Upsilon$ -930 Jul 02 j 14:38 0ಂತಾ -925 Apr 30 j 20:54 0°8 -930 Aug 02 j 16:52 $0^{\circ}\Omega$ -925 May 24 j 02:13 max Earth dist 22°806'44 1.01784 AU -930 Sep 02 j 06:36 -925 Jun 01 j 09:13 0° mb Π °0 -930 Oct 02 j 07:13 0∘**⊽** -925 Jul 02 j 19:50 0.00 0° M -925 Aug 02 j 22:06 -930 Oct 31 j 21:30 0° Ω min. Earth dist. -930 Nov 23 j 05:09 0° m 22°M46'46 0.98216 AU -925 Sep 02 j 11:52 -930 Nov 30 j 06:50 0°⊀ -925 Oct 02 j 12:28 0∘ಹ 0°ರ -930 Dec 29 j 17:42 -925 Nov 01 j 02:44 0°M -929 Jan 28 j 12:15 -925 Nov 24 j 06:53 0°≈ min. Earth dist. 23°M39'13 0.98214 AU -929 Feb 27 j 18:50 0°**∀** -925 Nov 30 j 12:02 0°**∡** $0^{\circ}\Upsilon$ -925 Dec 29 j 22:52 -929 Mar 30 j 14:42 0°궁 -929 Apr 30 j 21:31 0°8 -924 Jan 28 j 17:25 0°≈ max. Earth dist. -929 May 26 j 09:37 24°817'02 1.01780 AU -924 Feb 28 j 00:00 0°**)**€ -929 Jun 01 j 09:47 Π $^{\circ}0$ -924 Mar 29 j 19:55 $0^{\circ}\Upsilon$ -929 Jul 02 j 20:21 0ಂತಾ -924 Apr 30 j 02:48 0°8 -929 Aug 02 j 22:36 $0^{\circ}\Omega$ max. Earth dist. -924 May 24 j 23:56 23°**8**41'23 1.01783 AU -929 Sep 02 j 12:23 0° My -924 May 31 j 15:09 $0^{\circ}\Pi$ -929 Oct 02 j 13:02 -924 Jul 02 j 01:47 0∘**⊽** 0ಂತಾ -929 Nov 01 j 03:20 -924 Aug 02 j 04:03 0°M 0° Ω -929 Nov 22 j 22:04 22°ML13'36 0.98220 AU min. Earth dist. -924 Sep 01 j 17:48 0° M -929 Nov 30 j 12:38 0°**∡**¹ -924 Oct 01 i 18:23 0∘**⊽** -929 Dec 29 i 23:28 0°정 -924 Oct 31 i 08:38 0°M -928 Jan 28 j 18:01 0°≈ min. Earth dist. -924 Nov 21 j 18:25 21°M50'52 0.98214 AU -928 Feb 28 j 00:36 0°**∀** -924 Nov 29 i 17:54 0°×7 -928 Mar 29 j 20:30 $0^{\circ}\Upsilon$ -924 Dec 29 j 04:43 0°궁 -928 Apr 30 j 03:22 0°8 -923 Jan 27 j 23:16 0°≈≈ 22°**8**28'18 1.01785 AU -923 Feb 27 j 05:52 0°**₩** max Earth dist -928 May 23 j 17:46 $0^{\circ}\Upsilon$ -928 May 31 j 15:40 $0^{\circ}\Pi$ -923 Mar 30 j 01:46 -928 Jul 02 j 02:16 0ಂತಾ -923 Apr 30 j 08:37 0°8 -928 Aug 02 j 04:30 $0^{\circ}\Omega$ max. Earth dist. -923 May 24 j 22:49 23°**8**24'49 1.01786 AU -928 Sep 01 j 18:15 0° M -923 May 31 j 20:55 Π $^{\circ}0$ 0∘ଫ -923 Jul 02 j 07:30 0 \circ \odot -928 Oct 01 j 18:51 -928 Oct 31 j 09:09 0°M -923 Aug 02 j 09:46 0 \circ Ω 24°ML05'58 0.98217 AU min. Earth dist. -928 Nov 23 j 23:47 -923 Sep 01 j 23:32 0° m -928 Nov 29 j 18:27 0°**√** -923 Oct 02 j 00:09 0∘ଫ 0°궁 -928 Dec 29 j 05:18 -923 Oct 31 j 14:26 0°M -927 Jan 27 j 23:53 0°≈ min. Earth dist. -923 Nov 24 j 01:17 23°M56'14 0.98219 AU -927 Feb 27 j 06:30 0°**)** -923 Nov 29 j 23:43 0°**∡**7 $0^{\circ}\Upsilon$ -927 Mar 30 j 02:28 -923 Dec 29 j 10:33 0°ಕ -927 Apr 30 j 09:22 0°8 -922 Jan 28 j 05:06 0°≈ 22°821'51 1.01779 AU 0°**)**€ max. Earth dist. -927 May 23 j 21:00 -922 Feb 27 j 11:42

 $0^{\circ}\Upsilon$

-922 Mar 30 j 07:36

 $\Pi^{\circ}0$

-927 May 31 j 21:41

Attention, astronomical year style is used: The year -922 in astronomical counting style is the year 923 BCE in historical counting style.								
Attention, astronom	-922 Apr 30 j 14:29	0° 8	astronomical cour	iting style is the year	-917 Jan 28 j 10:21	nung style. 0°æ		
mov. Forth dist			1.01781 AU		-917 Feb 27 j 16:51	0 ≈ 0° ∺		
max. Earth dist.	-922 May 23 j 13:14		1.01/81 AU		=	0° Υ		
	-922 Jun 01 j 02:47	0° ∏			-917 Mar 30 j 12:37			
	-922 Jul 02 j 13:23	0°©		F 41 F 4	-917 Apr 30 j 19:22	0°8	1.01702.411	
	-922 Aug 02 j 15:40	0° N		max. Earth dist.	-917 May 24 j 10:42	22° 8 30'41	1.01782 AU	
	-922 Sep 02 j 05:28	0° m			-917 Jun 01 j 07:37	0°II		
	-922 Oct 02 j 06:08	0∘ m			-917 Jul 02 j 18:13	0°©		
i. Dardh diad	-922 Oct 31 j 20:27	0°M 23°M 17/22	0.00212.411		-917 Aug 02 j 20:33	0° Ω		
min. Earth dist.	-922 Nov 23 j 16:02	23°M17'22	0.98212 AU		-917 Sep 02 j 10:26	0° m)		
	-922 Nov 30 j 05:44	0°⋜			-917 Oct 02 j 11:09 -917 Nov 01 j 01:29	0° ៤ 0° ೦		
	-922 Dec 29 j 16:31	0° ≈		min. Earth dist.	,	24°ML06'10	0.98215 AU	
	-921 Jan 28 j 10:59	0 ≈ 0° H		IIIII. Eartii dist.	-917 Nov 24 j 16:10	24 IIC00 10 0° √	0.98213 AU	
	-921 Feb 27 j 17:29	0 K 0°Υ			-917 Nov 30 j 10:46 -917 Dec 29 j 21:34	0°중		
	-921 Mar 30 j 13:20	0° 8			-	0°≈		
max. Earth dist.	-921 Apr 30 j 20:11	24° 8 16'22	1 01702 AII		-916 Jan 28 j 16:02	0 ≈ 0° ∺		
max. Earm dist.	-921 May 26 j 08:02		1.01783 AU		-916 Feb 27 j 22:33	0 Υ 0° Υ		
	-921 Jun 01 j 08:30	0° Ⅱ			-916 Mar 29 j 18:24			
	-921 Jul 02 j 19:07	0° ⊙		D	-916 Apr 30 j 01:13	0°8	1 01770 AII	
	-921 Aug 02 j 21:25	0° N		max. Earth dist.	-916 May 24 j 11:28	23° 8 15'40	1.01779 AU	
	-921 Sep 02 j 11:15	0° m			-916 May 31 j 13:30	0°II		
	-921 Oct 02 j 11:57	0∘ 亚			-916 Jul 02 j 00:07	0ංව ග		
: E 4 E 4	-921 Nov 01 j 02:17	0°M	0.00210 ATT		-916 Aug 02 j 02:25	0° Ω		
min. Earth dist.	-921 Nov 22 j 20:42	22°M12'46	0.98218 AU		-916 Sep 01 j 16:14	0° m)		
	-921 Nov 30 j 11:36	0° ∡ ¹			-916 Oct 01 j 16:56	ი∘ ო 0∘ ত		
	-921 Dec 29 j 22:23	7°0		· F d F d	-916 Oct 31 j 07:17	0°M	0.00216.411	
	-920 Jan 28 j 16:50	0° ≈		min. Earth dist.	-916 Nov 22 j 02:34	22°M15'05	0.98216 AU	
	-920 Feb 27 j 23:18	0°){			-916 Nov 29 j 16:37	0° ∡ ¹		
	-920 Mar 29 j 19:06	0°Υ 			-916 Dec 29 j 03:25	0°る		
To all the	-920 Apr 30 j 01:56	0°8	1 01700 ATT		-915 Jan 27 j 21:54	0° ≈		
max. Earth dist.	-920 May 24 j 03:46	22° 8 55'21	1.01789 AU		-915 Feb 27 j 04:24	0°) €		
	-920 May 31 j 14:17	0° ∏			-915 Mar 30 j 00:13	0°Υ •••		
	-920 Jul 02 j 00:57	0 ം ${f v}$		max. Earth dist.	-915 Apr 30 j 07:01	0°8	1.01702.411	
	-920 Aug 02 j 03:16	0°mp		max. Earth dist.	-915 May 25 j 05:52	23° 8 45'30	1.01783 AU	
	-920 Sep 01 j 17:03				-915 May 31 j 19:15	0° ©		
	-920 Oct 01 j 17:43	0° Մ			-915 Jul 02 j 05:48 -915 Aug 02 j 08:04	0°€ 0°€		
min. Earth dist.	-920 Oct 31 j 08:02 -920 Nov 24 j 03:37	24°M18'34	0.98218 AU		-915 Aug 02 j 08:04 -915 Sep 01 j 21:52	0° m)		
iiiii. Eartii tist.	-920 Nov 24 j 03.37 -920 Nov 29 j 17:21	0° 7	0.96216 AU		-915 Oct 01 j 22:33	0∘ ⊽		
	-920 Nov 29 j 17.21 -920 Dec 29 j 04:11	0°ප ව°0			-915 Oct 01 j 22:55	0° ™		
	-919 Jan 27 j 22:41	0°≈		min. Earth dist.	-915 Oct 31 j 12:35 -915 Nov 23 j 20:37	23°ML47'57	0.98224 AU	
	-919 Feb 27 j 05:12	0° ∺		iiiii. Eattii tiist.	-915 Nov 29 j 22:17	0° × ⁷	0.98224 AU	
	-919 Mar 30 j 01:03	0° Υ			-915 Dec 29 j 09:09	0°ਤ		
	-919 Apr 30 j 07:54	%8 0°8			-914 Jan 28 j 03:40	0°≈		
max. Earth dist.	-919 May 23 j 17:54	22° 8 18'01	1.01781 AU		-914 Feb 27 j 10:10	0° ∺		
max. Dartii dist.	-919 May 31 j 20:13	0°II	1.01701710		-914 Mar 30 j 05:59	0° Υ		
	-919 Jul 02 j 06:51	0°©			-914 Apr 30 j 12:47	0.8 0.1		
	-919 Aug 02 j 09:10	$0 {\circ} {\mathfrak O}$		max. Earth dist.	-914 May 23 j 15:51	22° 8 01'30	1.01781 AU	
	-919 Sep 01 j 22:57	0° my		man. Bartir dist.	-914 Jun 01 j 01:04	0°II	1.01701110	
	-919 Oct 01 j 23:36	0∘ ⊽			-914 Jul 02 j 11:39	0°©		
	-919 Oct 31 j 13:54	0° ™			-914 Aug 02 j 13:56	0°N		
min. Earth dist.	-919 Nov 22 j 16:30	22°M33'49	0.98217 AU		-914 Sep 02 j 03:45	0° mp		
mm. Earth dist.	-919 Nov 29 j 23:14	0° √	0.90217 110		-914 Oct 02 j 04:27	0∘ 亚		
	-919 Dec 29 j 10:06	0°ਤ			-914 Oct 31 j 18:49	0° M		
	-918 Jan 28 j 04:38	0° ≈		min. Earth dist.	-914 Nov 23 j 22:58	23°MJ39'07	0.98217 AU	
	-918 Feb 27 j 11:08	0°) €		mm. Darm dist.	-914 Nov 30 j 04:10	0° ⊼ ¹	0.90217710	
	-918 Mar 30 j 06:54	0° Υ			-914 Dec 29 j 14:59	0°ਰ		
	-918 Apr 30 j 13:38	0°8			-913 Jan 28 j 09:28	0° ≈		
max. Earth dist.	-918 May 26 j 03:05	24° 8 20'20	1.01780 AU		-913 Feb 27 j 15:56	0°) €		
	-918 Jun 01 j 01:51	0°II			-913 Mar 30 j 11:42	0° Υ		
	-918 Jul 02 j 12:26	0°95			-913 Apr 30 j 18:29	0°B		
	-918 Aug 02 j 14:44	$0^{\circ}\Omega$		max. Earth dist.	-913 May 26 j 05:36	24° 8 14'43	1.01781 AU	
	-918 Sep 02 j 04:35	0° m/2			-913 Jun 01 j 06:47	0°II		
	-918 Oct 02 j 05:18	0∘ ⊽			-913 Jul 02 j 17:25	0°©		
	-918 Oct 31 j 19:39	0° ™			-913 Aug 02 j 19:45	$0 {\circ} \Omega$		
min. Earth dist.	-918 Nov 23 j 02:18	22°M43'56	0.98222 AU		-913 Sep 02 j 09:36	0° mp		
	-918 Nov 30 j 05:00	0° ∡ ¹			-913 Oct 02 j 10:18	0∘ <u>⊽</u>		
	-918 Dec 29 j 15:51	0°ප			-913 Nov 01 j 00:38	0° M		
	J				3			

•			• •	*	914 BCE in historical cou		2
min. Earth dist.	-913 Nov 22 j 15:11	•	0.98218 AU	nting style is the year	-908 Sep 01 j 14:51	o° m	
iiiii. Eartii tiist.		22 11 0 02 34 0° √	0.96216 AU		-908 Oct 01 j 15:36	0∘ ت المار	
	-913 Nov 30 j 09:57				-		
	-913 Dec 29 j 20:46	ි. ව°0		i D41. 4i.4	-908 Oct 31 j 05:59	0°M	0.00217 ATT
	-912 Jan 28 j 15:14	0° ₩		min. Earth dist.	-908 Nov 22 j 08:48	22° M .34'18 0° ∡ 7	0.98217 AU
	-912 Feb 27 j 21:41	0° Υ			-908 Nov 29 j 15:21		
	-912 Mar 29 j 17:28				-908 Dec 29 j 02:09	0°る	
Easth diet	-912 Apr 30 j 00:14	0° 8	1 01700 ATT		-907 Jan 27 j 20:36	0° ≈	
max. Earth dist.	-912 May 24 j 13:09	23° ႘ 21'46	1.01788 AU		-907 Feb 27 j 03:01	0° ℃	
	-912 May 31 j 12:33	0° I I			-907 Mar 29 j 22:45	0°Ƴ	
	-912 Jul 01 j 23:13	0° ©		n d ti	-907 Apr 30 j 05:28	0°8	1.01702.411
	-912 Aug 02 j 01:34	0° N		max. Earth dist.	-907 May 25 j 15:44	24° 8 12'40	1.01783 AU
	-912 Sep 01 j 15:25	0° m			-907 May 31 j 17:43	0°II	
	-912 Oct 01 j 16:05	0∘ 亚			-907 Jul 02 j 04:20	0°©	
. P. d. II.	-912 Oct 31 j 06:24	0°M	0.00017.411		-907 Aug 02 j 06:40	0° N	
min. Earth dist.	-912 Nov 24 j 00:32	24°M14'52	0.98217 AU		-907 Sep 01 j 20:33	0° m)	
	-912 Nov 29 j 15:41	0° ∡ 7			-907 Oct 01 j 21:18	0∘ 亚	
	-912 Dec 29 j 02:29	ರ್∘ರ			-907 Oct 31 j 11:42	0°M,	
	-911 Jan 27 j 20:59	0° ≈		min. Earth dist.	-907 Nov 23 j 08:24	23°M19'50	0.98224 AU
	-911 Feb 27 j 03:30	0°) €			-907 Nov 29 j 21:05	0° ⊼	
	-911 Mar 29 j 23:21	0° Υ			-907 Dec 29 j 07:56	ರ್∘ಕ	
	-911 Apr 30 j 06:10	0° 8			-906 Jan 28 j 02:26	0° ≈	
max. Earth dist.	-911 May 23 j 11:39	22° 8 07'16	1.01782 AU		-906 Feb 27 j 08:53	0° ∀	
	-911 May 31 j 18:29	0°Щ			-906 Mar 30 j 04:37	0° Υ	
	-911 Jul 02 j 05:08	0₀ ௐ			-906 Apr 30 j 11:21	0° 8	
	-911 Aug 02 j 07:30	0 $^{\circ}$ Ω		max. Earth dist.	-906 May 23 j 23:43	22° 8 23'41	1.01780 AU
	-911 Sep 01 j 21:22	0°Щ			-906 May 31 j 23:35	Π °0	
	-911 Oct 01 j 22:04	0∘ ত			-906 Jul 02 j 10:12	0ංම	
	-911 Oct 31 j 12:24	0°M₊			-906 Aug 02 j 12:35	0 $^{\circ}$ Ω	
min. Earth dist.	-911 Nov 23 j 01:28	23°M00'40	0.98213 AU		-906 Sep 02 j 02:30	0° ™	
	-911 Nov 29 j 21:42	0°⊀			-906 Oct 02 j 03:17	0∘ ⊽	
	-911 Dec 29 j 08:29	0°ಕ			-906 Oct 31 j 17:42	0° M	
	-910 Jan 28 j 02:57	0° ≈		min. Earth dist.	-906 Nov 24 j 06:49	24°M02'03	0.98216 AU
	-910 Feb 27 j 09:25	0° ∀			-906 Nov 30 j 03:02	0° ∡	
	-910 Mar 30 j 05:11	0 ° \mathbf{Y}			-906 Dec 29 j 13:50	0°₹	
	-910 Apr 30 j 11:56	$8^{\circ 0}$			-905 Jan 28 j 08:16	0° ≈	
max. Earth dist.	-910 May 26 j 04:48	24° 8 28'26	1.01781 AU		-905 Feb 27 j 14:42	0° ₩	
	-910 Jun 01 j 00:10	Π $^{\circ}0$			-905 Mar 30 j 10:26	0° Υ	
	-910 Jul 02 j 10:46	0			-905 Apr 30 j 17:10	9° 8	
	-910 Aug 02 j 13:06	$0^{\circ}\Omega$		max. Earth dist.	-905 May 25 j 23:59	24° 8 04'37	1.01778 AU
	-910 Sep 02 j 03:01	O° My			-905 Jun 01 j 05:25	Π $\circ 0$	
	-910 Oct 02 j 03:49	0∘ ⊽			-905 Jul 02 j 16:03	0ං ව	
	-910 Oct 31 j 18:13	0°M			-905 Aug 02 j 18:27	0 $^{\circ}$ Ω	
min. Earth dist.	-910 Nov 22 j 21:35	22°M35'32	0.98220 AU		-905 Sep 02 j 08:23	0° m y	
	-910 Nov 30 j 03:34	0° ∡ ¹			-905 Oct 02 j 09:11	0∘ 亚	
	-910 Dec 29 j 14:21	0°ප			-905 Oct 31 j 23:36	0° M ₊	
	-909 Jan 28 j 08:46	0° ≈		min. Earth dist.	-905 Nov 22 j 19:36	22°M16'50	0.98217 AU
	-909 Feb 27 j 15:10	0° ∀			-905 Nov 30 j 08:56	0° ∡ ¹	
	-909 Mar 30 j 10:55	0 ° Υ			-905 Dec 29 j 19:42	0°₹	
	-909 Apr 30 j 17:40	0°8			-904 Jan 28 j 14:07	0° ≈	
max. Earth dist.	-909 May 24 j 17:13	22° 8 50'08	1.01785 AU		-904 Feb 27 j 20:31	0° ∀	
	-909 Jun 01 j 05:57	Π $^{\circ}0$			-904 Mar 29 j 16:15	0 ° Υ	
	-909 Jul 02 j 16:36	0∘ ௐ			-904 Apr 29 j 23:00	9° 8	
	-909 Aug 02 j 18:59	$0 {\circ} \Omega$		max. Earth dist.	-904 May 24 j 21:02	23° 8 43'32	1.01785 AU
	-909 Sep 02 j 08:55	0° m			-904 May 31 j 11:16	$\Pi^{\circ}0$	
	-909 Oct 02 j 09:42	0。 ত			-904 Jul 01 j 21:54	0°€	
	-909 Nov 01 j 00:05	0° M			-904 Aug 02 j 00:16	$0^{\circ}\Omega$	
min. Earth dist.	-909 Nov 24 j 23:40	24°M28'46	0.98216 AU		-904 Sep 01 j 14:10	0° m y	
	-909 Nov 30 j 09:25	0° ∡ ¹			-904 Oct 01 j 14:55	0∘ ⊽	
	-909 Dec 29 j 20:11	5°0			-904 Oct 31 j 05:19	0° M	
	-908 Jan 28 j 14:36	0°≈		min. Earth dist.	-904 Nov 24 j 00:18	24°M16'54	0.98220 AU
	-908 Feb 27 j 21:01	0° ∀			-904 Nov 29 j 14:40	0° ∡ ¹	
	-908 Mar 29 j 16:46	0 ° \mathbf{Y}			-904 Dec 29 j 01:27	ರ∘ರ	
	-908 Apr 29 j 23:34	0°8			-903 Jan 27 j 19:54	0° ≈ ≈	
max. Earth dist.	-908 May 23 j 24:00	22° 8 52'16	1.01782 AU		-903 Feb 27 j 02:21	0° ∀	
	-908 May 31 j 11:54	$\Pi^{\circ}0$			-903 Mar 29 j 22:08	0° Y	
	-908 Jul 01 j 22:35	0°©			-903 Apr 30 j 04:56	0° 8	
	-908 Aug 02 j 00:58	$0^{\circ}\Omega$		max. Earth dist.	-903 May 23 j 08:56	22° 8 03'46	1.01781 AU

Attention, astronomical year style is used: The year -903 in astronomical counting style is the year 904 BCE in historical counting style.

```
-903 May 31 j 17:14
                                               \Pi°0
                     -903 Jul 02 j 03:53
                                               0ಂತಾ
                     -903 Aug 02 j 06:14
                                               0^{\circ}\Omega
                     -903 Sep 01 j 20:07
                                               0° m
                     -903 Oct 01 j 20:52
                                               0∘⊽
                     -903 Oct 31 j 11:16
                                               0^{\circ}M
min. Earth dist.
                     -903 Nov 23 j 10:45
                                              23°M27'11 0.98217 AU
                     -903 Nov 29 j 20:37
                                               0°∡
                     -903 Dec 29 j 07:26
                                               0°궁
                     -902 Jan 28 j 01:52
                                               0°≈
                     -902 Feb 27 j 08:16
                                               0°)€
                                               0^{\circ}\Upsilon
                     -902 Mar 30 j 03:58
                     -902 Apr 30 j 10:41
                                               0^{\circ}8
max. Earth dist.
                     -902 May 26 j 04:58
                                              24°831'52 1.01779 AU
                     -902 May 31 j 22:55
                                               \Pi^{\circ}0
                     -902 Jul 02 j 09:32
                                               0ಂತಾ
                     -902 Aug 02 j 11:53
                                               0^{\circ}\Omega
                     -902 Sep 02 j 01:48
                                               0° My
                     -902 Oct 02 j 02:35
                                               0∘ত
                     -902 Oct 31 j 17:00
                                               0°M
min. Earth dist.
                     -902 Nov 22 j 13:53
                                              22°M18'55 0.98222 AU
                     -902 Nov 30 i 02:23
                                               0°∡¹
                     -902 Dec 29 i 13:12
                                               0°る
                     -901 Jan 28 i 07:37
                                               0°≈
                     -901 Feb 27 j 13:59
                                               0°)€
                     -901 Mar 30 j 09:40
                                               0^{\circ}\Upsilon
                     -901 Apr 30 j 16:21
                                               0°8
                     -901 May 25 j 02:33
                                              23°815'26 1.01785 AU
max. Earth dist.
                     -901 Jun 01 j 04:37
                                               \Pi^{\circ}0
                     -901 Jul 02 j 15:18
                                               0ಂತಾ
                     -901 Aug 02 j 17:43
                                               0^{\circ}\Omega
                     -901 Sep 02 j 07:40
                                               0° M
                     -901 Oct 02 j 08:26
                                               0∘⊽
                     -901 Oct 31 j 22:49
                                               0^{\circ}M
                     -901 Nov 24 j 23:46
                                              24°M32'18 0.98217 AU
min. Earth dist.
                     -901 Nov 30 j 08:07
                                               0°⊀
                     -901 Dec 29 j 18:53
                                               0°궁
                     -900 Jan 28 j 13:18
                                               0°≈
                     -900 Feb 27 j 19:42
                                               0°)€
                     -900 Mar 29 j 15:26
                                               0^{\circ}\Upsilon
                     -900 Apr 29 j 22:12
                                               0^{\circ}8
max. Earth dist.
                     -900 May 23 j 15:15
                                              22°834'48 1.01782 AU
                     -900 May 31 j 10:30
                                               \Pi^{\circ}0
                     -900 Jul 01 j 21:13
                                               0°ಅ
                     -900 Aug 01 j 23:39
                                               0^{\circ}\Omega
                     -900 Sep 01 i 13:36
                                               0° m
                     -900 Oct 01 j 14:22
                                               0∘⊽
                     -900 Oct 31 i 04:43
                                               0°M
                                              22°M52'34 0.98212 AU
min. Earth dist.
                     -900 Nov 22 j 14:38
                     -900 Nov 29 j 14:01
                                               0°∡¹
                     -900 Dec 29 j 00:46
                                               0°る
                     -899 Jan 27 j 19:10
                                               0°≈
                     -899 Feb 27 j 01:34
                                               0°)€
                     -899 Mar 29 j 21:17
                                               0^{\circ}\Upsilon
                     -899 Apr 30 j 04:00
                                               0^{\circ}8
max. Earth dist.
                     -899 May 25 j 21:14
                                              24°829'19 1.01783 AU
                     -899 May 31 j 16:14
                                               0^{\circ}II
                     -899 Jul 02 j 02:52
                                               0ംខ
                     -899 Aug 02 j 05:15
                                               0°\Omega
                     -899 Sep 01 j 19:12
                                               0° M
                     -899 Oct 01 j 20:01
                                               0∘⊽
                     -899 Oct 31 j 10:25
                                               0°M
min. Earth dist.
                     -899 Nov 22 j 23:20
                                              22°M59'58 0.98220 AU
                     -899 Nov 29 j 19:45
                                               0°⊀
```

-899 Dec 29 j 06:31

0°궁