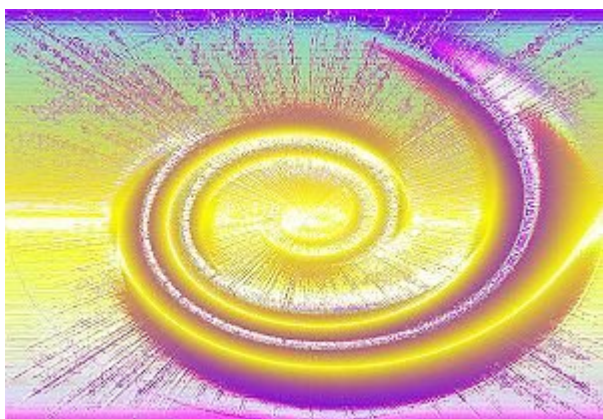




Parallel Worlds
Centaur/TNO Ephemeris
2006

<http://planetwaves.net>

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All times given are UTC, i.e. the same as GMT (but not the same as British Summer Time).

Near Misses

Items marked "Near Miss" in the aspectarian are aspects that never become exact on this pass, but are within one degree. The time shown is the time the aspect gets as close as it's going to get on this pass.

A longer version of this ephemeris, including a complete Centaur/TNO aspectarian for 2006 is available at <http://artofwebdesign.net>

Compiled by Tracy Delaney

Major Outer Planet Aspects 2006

Major aspects between outer planets (Saturn to Pluto), named Centaurs, named TNOs and galactic points in 2006.

Sunday 01 January 2006

22:44:46 UT - Crantor (1 sa 1' 3") sextile M87 (1 li 1' 3")

Tuesday 03 January 2006

15:58:38 UT - Okyrhoe (4 cn 3'11" Rx) trine Huya (4 sc 3'11")

Wednesday 04 January 2006

23:37:09 UT - Asbolus (1 ar 28'53") trine Elatus (1 le 28'53" Rx)

Thursday 05 January 2006

00:22:54 UT - Okyrhoe (3 cn 54'25" Rx) trine Deucalion (3 sc 54'25")

Friday 06 January 2006

21:03:10 UT - Elatus (1 le 21'28" Rx) trine Crantor (1 sa 21'28")

Sunday 08 January 2006

00:42:06 UT - Asbolus (1 ar 40'35") trine Crantor (1 sa 26' 5") - **Near Miss**

Tuesday 10 January 2006

00:52:48 UT - Neptune (16 aq 16'52") trine Cyllarus (16 ge 16'52" Rx)

09:47:22 UT - Chiron (2 aq 41'17") conjunct Nessus (2 aq 41'17")

Wednesday 11 January 2006

23:04:01 UT - Elatus (1 le 1' 9" Rx) sextile M87 (1 li 1' 9")

Thursday 12 January 2006

20:33:07 UT - Rhadamanthus (13 li 41' 3") sextile Great Attractor (14 sa 2' 1") - **Near Miss**

Friday 13 January 2006

23:58:22 UT - Saturn (8 le 59'12" Rx) square Amycus (8 sc 59'12")

Monday 16 January 2006

05:21:28 UT - Chiron (3 aq 10'23") sextile Pholus (3 sa 10'23")

Thursday 19 January 2006

01:04:08 UT - Asbolus (2 ar 29'43") square Okyrhoe (2 cn 29'43" Rx)

Sunday 22 January 2006

18:58:28 UT - Pholus (3 sa 25'26") sextile Nessus (3 aq 25'26")

Tuesday 24 January 2006

21:28:51 UT - Cyllarus (15 ge 53'40" Rx) opposite Quaoar (15 sa 53'40")

Thursday 26 January 2006

18:41:59 UT - Chiron (4 aq 3'35") square Deucalion (4 sc 3'35")

Monday 30 January 2006

11:15:42 UT - Chiron (4 aq 22' 9") square Huya (4 sc 22' 9")

22:06:56 UT - Pelion (15 pi 32'49") trine Varuna (15 cn 32'49" Rx)

Wednesday 01 February 2006

21:22:38 UT - Pholus (3 sa 44'52") trine Asbolus (3 ar 44'52")

Thursday 02 February 2006

14:58:39 UT - Nessus (4 aq 4' 8") square Deucalion (4 sc 4' 8" Rx)

Friday 03 February 2006

03:35:09 UT - Pelion (15 pi 43'29") square Cyllarus (15 ge 43'29" Rx)

Saturday 04 February 2006

03:36:21 UT - Hylonome (27 sc 12'16") square Orcus (27 le 12'16" Rx)

Tuesday 07 February 2006

06:30:37 UT - Chiron (5 aq 0'59") trine Chaos (5 ge 0'59" Rx)

22:11:16 UT - Nessus (4 aq 22'46") square Huya (4 sc 22'46" Rx)

Wednesday 08 February 2006

08:23:44 UT - Nessus (4 aq 24'15") sextile Asbolus (4 ar 24'15")

Thursday 09 February 2006

00:49:16 UT - Okyrhoe (1 cn 1'22" Rx) square M87 (1 li 1'22")

06:29:12 UT - Uranus (9 pi 34'34") trine Amycus (9 sc 34'34")

Friday 10 February 2006

21:19:06 UT - Pelion (16 pi 10' 6") square Quaoar (16 sa 10' 6")

Monday 13 February 2006

22:28:56 UT - Asbolus (5 ar 0' 9") sextile Chaos (5 ge 0' 9" Rx)

Saturday 18 February 2006

00:47:06 UT - Orcus (26 le 56' 4" Rx) trine Galactic Center (26 sa 56' 4")
15:08:37 UT - Chariklo (22 li 55'30" Rx) opposite Thereus (22 ar 55'30")
22:24:22 UT - Nessus (5 aq 0'14") trine Chaos (5 ge 0'14")

Monday 20 February 2006

05:00:39 UT - Saturn (6 le 3'11" Rx) opposite Chiron (6 aq 3'11")

Wednesday 22 February 2006

02:41:45 UT - Saturn (5 le 55'20" Rx) trine Asbolus (5 ar 55'20")

Tuesday 28 February 2006

02:40:19 UT - Pholus (4 sa 11'18") opposite Chaos (5 ge 2' 0") - Near Miss
11:46:51 UT - Saturn (5 le 30'51" Rx) opposite Nessus (5 aq 30'51")
16:48:01 UT - Chiron (6 aq 41'43") sextile Asbolus (6 ar 41'43")

Monday 06 March 2006

19:36:39 UT - Pluto (26 sa 36'47") trine Orcus (26 le 36'47" Rx)

Tuesday 07 March 2006

11:18:58 UT - Neptune (18 aq 21'40") sextile 1992 QB1 (18 ar 21'40")

Wednesday 08 March 2006

06:50:54 UT - Saturn (5 le 5'18" Rx) sextile Chaos (5 ge 5'18")

Wednesday 15 March 2006

00:33:06 UT - Okyrhoe (1 cn 1'31") square M87 (1 li 1'31")

Wednesday 22 March 2006

07:52:03 UT - Hylonome (27 sc 20'46" Rx) trine Elatus (27 cn 26'22" Rx) - **Near Miss**
12:43:43 UT - Neptune (18 aq 50'47") square Sedna (18 ta 50'47")

Thursday 23 March 2006

21:19:26 UT - Saturn (4 le 31'19" Rx) square Huya (3 sc 48' 3" Rx) - **Near Miss**

Sunday 26 March 2006

04:12:08 UT - Thereus (26 ar 17'25") trine Orcus (26 le 17'25" Rx)
13:54:06 UT - Saturn (4 le 27'59" Rx) trine Pholus (4 sa 0'33" Rx) - **Near Miss**

Monday 27 March 2006

00:16:53 UT - Pelion (18 pi 53'17") sextile Sedna (18 ta 53'17")
03:13:04 UT - Saturn (4 le 27'24" Rx) trine Crantor (3 sa 32'52" Rx) - **Near Miss**
07:48:13 UT - Saturn (4 le 27'12" Rx) square Deucalion (3 sc 34'30" Rx) - **Near Miss**

Tuesday 28 March 2006

11:33:04 UT - Uranus (12 pi 13'56") square Ixion (12 sa 13'56" Rx)

Wednesday 29 March 2006

08:27:41 UT - Pluto (26 sa 45'19") conjunct Galactic Center (26 sa 56'22") - **Near Miss**

Thursday 30 March 2006

12:56:01 UT - Pluto (26 sa 45'18" Rx) trine Thereus (26 ar 45'18")

Friday 31 March 2006

20:44:37 UT - Chiron (8 aq 38'14") square Amycus (8 sc 38'14" Rx)

Saturday 01 April 2006

06:11:52 UT - Thereus (26 ar 56'23") trine Galactic Center (26 sa 56'23")

09:02:04 UT - Pholus (3 sa 53'23" Rx) conjunct Crantor (3 sa 26'34" Rx) - **Near Miss**

Wednesday 05 April 2006

03:19:13 UT - Elatus (27 cn 21'37") square Thereus (27 ar 21'37")

Friday 07 April 2006

18:01:10 UT - Cyllarus (16 ge 18'29") opposite Quaoar (16 sa 18'29" Rx)

Wednesday 12 April 2006

03:38:01 UT - Okyrhoe (3 cn 17'18") trine Deucalion (3 sc 17'18" Rx)

06:55:11 UT - Okyrhoe (3 cn 18'14") trine Huya (3 sc 18'14" Rx)

Thursday 13 April 2006

03:48:50 UT - Asbolus (12 ar 5'15") trine Ixion (12 sa 5'15" Rx)

Friday 14 April 2006

09:22:14 UT - Huya (3 sc 14'44" Rx) conjunct Deucalion (3 sc 14'44" Rx)

23:47:25 UT - Asbolus (12 ar 18'45") opposite Rhadamanthus (12 li 18'45" Rx)

Saturday 22 April 2006

03:58:40 UT - Neptune (19 aq 33'57") sextile 1992 QB1 (19 ar 33'57")

Sunday 23 April 2006

00:36:20 UT - Hylonome (26 sc 32' 2" Rx) trine Bienor (26 pi 32' 2")

16:11:26 UT - Chariklo (19 li 36'22" Rx) opposite 1992 QB1 (19 ar 36'22")

21:21:42 UT - Neptune (19 aq 35'36") trine Chariklo (19 li 35'36" Rx)

Monday 24 April 2006

00:38:43 UT - Pluto (26 sa 35'10" Rx) square Bienor (26 pi 35'10")

Wednesday 26 April 2006

21:44:24 UT - Nessus (7 aq 26'49") square Amycus (7 sc 26'49" Rx)

Saturday 29 April 2006

12:45:58 UT - Asbolus (14 ar 2'57") trine Great Attractor (14 sa 2'57")

Monday 01 May 2006

03:28:54 UT - Bienor (26 pi 56'36") square Galactic Center (26 sa 56'36")

Friday 05 May 2006

10:31:01 UT - Ixion (11 sa 45'17" Rx) sextile Rhadamanthus (11 li 54'43" Rx) - **Near Miss**

Saturday 06 May 2006

09:25:08 UT - Elatus (28 cn 9' 7") trine Bienor (27 pi 11'22") - **Near Miss**

Monday 08 May 2006

15:38:07 UT - Okyrhoe (6 cn 52'51") trine Amycus (6 sc 52'51" Rx)

22:53:43 UT - Uranus (14 pi 3' 1") square Great Attractor (14 sa 3' 1")

Tuesday 09 May 2006

11:29:18 UT - Hylonome (25 sc 56'21" Rx) square Orcus (25 le 56'21" Rx)

Wednesday 10 May 2006

23:49:46 UT - Asbolus (15 ar 19'57") square Varuna (15 cn 19'57")

Monday 15 May 2006

08:45:45 UT - Asbolus (15 ar 47'46") trine Quaoar (15 sa 47'46" Rx)

Saturday 20 May 2006

14:17:34 UT - Thereus (2 ta 15'38") opposite Huya (2 sc 15'38" Rx)

Sunday 21 May 2006

21:52:14 UT - Chariklo (18 li 11' 4" Rx) trine Cyllarus (18 ge 11' 4")

Monday 22 May 2006

08:07:51 UT - Saturn (6 le 16' 1") square Amycus (6 sc 16' 1" Rx)

Tuesday 23 May 2006

04:20:58 UT - Thereus (2 ta 31'12") opposite Deucalion (2 sc 31'12" Rx)

Thursday 25 May 2006

18:43:17 UT - Pluto (25 sa 58'56" Rx) trine Orcus (25 le 58'56")

Saturday 27 May 2006

17:32:19 UT - Saturn (6 le 42' 1") sextile Chaos (6 ge 42' 1")
21:06:34 UT - Crantor (1 sa 1'29" Rx) sextile M87 (1 li 1'29")

Saturday 03 June 2006

14:57:06 UT - Saturn (7 le 18'24") opposite Nessus (7 aq 18'24" Rx)

Sunday 04 June 2006

14:39:26 UT - Okyrhoe (11 cn 31' 1") square Rhadamanthus (11 li 31' 1" Rx)

Monday 05 June 2006

03:34:02 UT - Asbolus (17 ar 45'22") opposite Chariklo (17 li 45'22" Rx)

Wednesday 07 June 2006

13:18:41 UT - Neptune (19 aq 44'56" Rx) square Sedna (19 ta 44'56")

Saturday 10 June 2006

06:37:30 UT - Elatus (0 le 21'19") trine Crantor (0 sa 21'19" Rx)

Monday 12 June 2006

11:57:19 UT - Nessus (7 aq 6'44" Rx) trine Chaos (7 ge 6'44")

Wednesday 14 June 2006

10:58:52 UT - Pholus (1 sa 1'27" Rx) sextile M87 (1 li 1'27")

Saturday 17 June 2006

05:34:09 UT - Pholus (0 sa 54'54" Rx) trine Elatus (0 le 54'54")

Sunday 18 June 2006

13:03:09 UT - Elatus (1 le 1'26") sextile M87 (1 li 1'26")
22:22:48 UT - Neptune (19 aq 37'17" Rx) trine Cyllarus (19 ge 37'17")

Tuesday 20 June 2006

18:21:22 UT - Saturn (9 le 2' 1") opposite Chiron (9 aq 2' 1" Rx)

Wednesday 21 June 2006

11:29:54 UT - Uranus (14 pi 43'39" Rx) trine Okyrhoe (14 cn 43'39")

Friday 23 June 2006

16:51:46 UT - Thereus (5 ta 16'59") opposite Amycus (5 sc 16'59" Rx)

Sunday 25 June 2006

16:30:30 UT - Elatus (1 le 38' 1") square Huya (1 sc 38' 1" Rx)

Thursday 29 June 2006

23:42:30 UT - Okyrhoe (16 cn 24' 0") conjunct Varuna (16 cn 24' 0")

Friday 30 June 2006

03:03:48 UT - Asbolus (19 ar 25'55") sextile Cyllarus (20 ge 11'16") - **Near Miss**

05:26:11 UT - Neptune (19 aq 26'13" Rx) sextile Asbolus (19 ar 26'13")

17:07:09 UT - Elatus (2 le 4'37") square Deucalion (2 sc 4'37" Rx)

Tuesday 04 July 2006

12:51:02 UT - Saturn (10 le 36' 6") trine Ixion (10 sa 36' 6" Rx)

Thursday 06 July 2006

15:06:37 UT - Chariklo (17 li 43'10") square Okyrhoe (17 cn 43'10")

Saturday 08 July 2006

21:06:34 UT - Nessus (6 aq 15'45" Rx) square Thereus (6 ta 15'45")

Sunday 09 July 2006

16:22:00 UT - Uranus (14 pi 33'56" Rx) square Quaoar (14 sa 46'11" Rx) - **Near Miss**

Wednesday 12 July 2006

00:14:43 UT - Saturn (11 le 30' 8") sextile Rhadamanthus (11 li 30' 8")

Saturday 15 July 2006

10:22:15 UT - Chiron (7 aq 52'38" Rx) trine Chaos (7 ge 52'38")

Monday 17 July 2006

21:39:06 UT - Cyllarus (21 ge 1'42") sextile 1992 QB1 (21 ar 1'42")

Tuesday 18 July 2006

11:05:26 UT - Asbolus (20 ar 4'56") square Okyrhoe (20 cn 4'56")

16:12:43 UT - Okyrhoe (20 cn 7'29") sextile Sedna (20 ta 7'29")

Thursday 20 July 2006

15:53:18 UT - Bienor (28 pi 26'16" Rx) trine Crantor (28 sc 59'49" Rx) - **Near Miss**

Sunday 23 July 2006

05:41:24 UT - Okyrhoe (21 cn 2' 5") square 1992 QB1 (21 ar 2' 5")

Thursday 27 July 2006

05:21:27 UT - Pelion (21 pi 49'38" Rx) trine Okyrhoe (21 cn 49'38")

Friday 28 July 2006

14:59:36 UT - Orcus (26 le 56'54") trine Galactic Center (26 sa 56'54")

Saturday 29 July 2006

07:44:31 UT - Chiron (7 aq 6'46" Rx) square Thereus (7 ta 6'46")

Sunday 30 July 2006

20:39:30 UT - Nessus (5 aq 22'49" Rx) square Amycus (5 sc 22'49")

Monday 31 July 2006

18:15:08 UT - Uranus (14 pi 3' 7" Rx) square Great Attractor (14 sa 3' 7")

Tuesday 01 August 2006

06:44:45 UT - Saturn (14 le 3' 7") trine Great Attractor (14 sa 3' 7")

22:09:33 UT - Neptune (18 aq 40' 5" Rx) trine Chariklo (18 li 40' 5")

Wednesday 02 August 2006

09:30:35 UT - Pelion (21 pi 40' 2" Rx) square Cyllarus (21 ge 40' 2")

11:37:01 UT - Asbolus (20 ar 12'34" Rx) conjunct 1992 QB1 (21 ar 0'53" Rx) - **Near Miss**

Thursday 03 August 2006

14:49:23 UT - Nessus (5 aq 13'36" Rx) opposite Elatus (5 le 13'36")

Friday 04 August 2006

08:55:06 UT - Saturn (14 le 26'54") trine Quaoar (14 sa 26'54" Rx)

Sunday 06 August 2006

05:50:47 UT - Hylonome (23 sc 47'55") trine Okyrhoe (23 cn 47'55")

Monday 07 August 2006

08:11:56 UT - Elatus (5 le 34'28") square Amycus (5 sc 34'28")

Monday 14 August 2006

10:16:59 UT - Chiron (6 aq 13'40" Rx) opposite Elatus (6 le 13'40")

Saturday 19 August 2006

01:01:38 UT - Chiron (5 aq 59'17" Rx) square Amycus (5 sc 59'17")

Monday 21 August 2006

04:41:40 UT - Asbolus (19 ar 51'20" Rx) opposite Chariklo (19 li 51'20")

Friday 25 August 2006

08:20:03 UT - Okyrhoe (27 cn 25' 4") trine Bienor (27 pi 25' 4" Rx)

Saturday 26 August 2006

03:51:20 UT - Elatus (7 le 16'32") square Thereus (7 ta 16'32" Rx)

Monday 28 August 2006

02:17:00 UT - Quaoar (14 sa 20'30" Rx) conjunct Great Attractor (14 sa 3' 0") -
Near Miss

Thursday 31 August 2006

09:53:33 UT - Saturn (17 le 52'47") opposite Neptune (17 aq 52'47" Rx)

Friday 01 September 2006

18:13:52 UT - Chariklo (20 li 43'48") opposite 1992 QB1 (20 ar 43'48" Rx)

Tuesday 05 September 2006

15:56:57 UT - Bienor (26 pi 56'49" Rx) square Galactic Center (26 sa 56'49")

Wednesday 06 September 2006

04:21:32 UT - Okyrhoe (29 cn 30'53") trine Crantor (29 sc 30'53")

Thursday 07 September 2006

17:46:21 UT - Thereus (6 ta 57'41" Rx) opposite Amycus (6 sc 57'41")

Saturday 09 September 2006

08:42:51 UT - Saturn (18 le 57'52") trine Asbolus (18 ar 57'52" Rx)

14:24:58 UT - Pholus (0 sa 5'35") trine Okyrhoe (0 le 5'35")

15:08:44 UT - Elatus (8 le 28'27") sextile Chaos (8 ge 28'27")

Monday 11 September 2006

02:46:01 UT - Pelion (20 pi 11'22" Rx) sextile Sedna (20 ta 11'22" Rx)

Friday 15 September 2006

06:29:38 UT - Okyrhoe (1 le 1'18") sextile M87 (1 li 1'18")

16:54:03 UT - Huya (2 sc 43'11") conjunct Deucalion (2 sc 43'11")

Tuesday 19 September 2006

15:15:19 UT - Saturn (20 le 9' 3") square Sedna (20 ta 9' 3" Rx)

Thursday 21 September 2006

19:36:04 UT - Saturn (20 le 23'34") trine 1992 QB1 (20 ar 23'34" Rx)

Friday 22 September 2006

06:54:29 UT - Asbolus (18 ar 8'10" Rx) square Varuna (18 cn 8'10")

Monday 25 September 2006

07:26:15 UT - Chariklo (22 li 47' 5") trine Cyllarus (22 ge 47' 5")

Thursday 28 September 2006

09:36:38 UT - Okyrhoe (2 le 59'55") square Deucalion (2 sc 59'55")

Saturday 30 September 2006

00:14:46 UT - Okyrhoe (3 le 13'20") square Huya (3 sc 13'20")

Monday 02 October 2006

03:20:35 UT - Nessus (3 aq 30'40" Rx) opposite Okyrhoe (3 le 30'40")

Tuesday 03 October 2006

08:32:46 UT - Pholus (0 sa 52'14") conjunct Crantor (0 sa 52'14")

Thursday 05 October 2006

09:44:11 UT - Neptune (17 aq 11'15" Rx) sextile Asbolus (17 ar 11'15" Rx)

18:46:20 UT - Crantor (1 sa 1'20") sextile M87 (1 li 1'20")

Friday 06 October 2006

16:35:51 UT - Nessus (3 aq 28'30" Rx) square Huya (3 sc 28'30")

Saturday 07 October 2006

00:02:52 UT - Pholus (1 sa 1'20") sextile M87 (1 li 1'20")

Sunday 08 October 2006

07:08:36 UT - Hylonome (25 sc 29'56") trine Bienor (25 pi 29'56" Rx)

Monday 09 October 2006

07:30:34 UT - Chiron (4 aq 25'24" Rx) opposite Okyrhoe (4 le 25'24")

Tuesday 10 October 2006

08:08:08 UT - Chiron (4 aq 25'10" Rx) conjunct Nessus (3 aq 27'30" Rx) - **Near Miss**

Thursday 12 October 2006

07:50:38 UT - Elatus (10 le 34'41") trine Ixion (10 sa 34'41")

19:04:40 UT - Pluto (24 sa 27'18") sextile Chariklo (24 li 27'18")

Friday 13 October 2006

23:16:57 UT - Thereus (4 ta 57'44" Rx) square Okyrhoe (4 le 57'44")

Saturday 14 October 2006

19:55:12 UT - Saturn (22 le 40'10") sextile Cyllarus (22 ge 40'10" Rx)

Tuesday 17 October 2006

03:50:20 UT - Nessus (3 aq 27'28") square Deucalion (3 sc 27'28")

Saturday 21 October 2006

00:13:24 UT - Chiron (4 aq 27'16") square Thereus (4 ta 27'16" Rx)

Tuesday 24 October 2006

15:04:49 UT - Thereus (4 ta 11'17" Rx) opposite Huya (4 sc 11'17")

Friday 27 October 2006

05:57:00 UT - Pluto (24 sa 47' 8") square Bienor (24 pi 47' 8" Rx)

Monday 30 October 2006

00:54:55 UT - Thereus (3 ta 47'18" Rx) opposite Deucalion (3 sc 47'18")

Tuesday 31 October 2006

14:33:36 UT - Uranus (10 pi 58'12" Rx) square Ixion (10 sa 58'12")

Wednesday 01 November 2006

13:46:54 UT - Nessus (3 aq 36' 6") square Thereus (3 ta 36' 6" Rx)

Thursday 02 November 2006

09:05:12 UT - Uranus (10 pi 56'34" Rx) trine Amycus (10 sc 56'34")

Friday 03 November 2006

02:53:53 UT - Rhadamanthus (14 li 2'42") sextile Great Attractor (14 sa 2'42")

03:19:12 UT - Asbolus (15 ar 8'59" Rx) trine Quaoar (15 sa 8'59")

20:29:13 UT - Chiron (4 aq 41'56") square Deucalion (3 sc 54'43") - **Near Miss**

Tuesday 07 November 2006

13:11:42 UT - Chariklo (26 li 56'36") sextile Galactic Center (26 sa 56'36")

Wednesday 08 November 2006

07:55:32 UT - Elatus (11 le 24'48") square Amycus (11 sc 24'48")

Sunday 12 November 2006

10:29:35 UT - Nessus (3 aq 49'19") sextile Crantor (3 sa 49'19")

Wednesday 15 November 2006

08:57:54 UT - Pelion (18 pi 8'40" Rx) trine Varuna (18 cn 8'26" Rx) - **Near Miss**

Thursday 16 November 2006

06:03:14 UT - Chiron (5 aq 6' 1") square Huya (5 sc 5'45") - **Near Miss**

Friday 17 November 2006

02:49:29 UT - Asbolus (14 ar 23' 3" Rx) opposite Rhadamanthus (14 li 23' 3")

Saturday 18 November 2006

03:17:02 UT - Saturn (24 le 46'11") trine Pluto (25 sa 26'22") - **Near Miss**

Monday 20 November 2006

22:25:43 UT - Elatus (11 le 27'58" Rx) trine Ixion (11 sa 27'58")

Saturday 25 November 2006

11:40:02 UT - Asbolus (14 ar 2'42" Rx) trine Great Attractor (14 sa 2'42")

Monday 27 November 2006

15:17:26 UT - Okyrhoe (7 le 27'42" Rx) sextile Chaos (7 ge 27'42" Rx)

Thursday 30 November 2006

15:50:44 UT - Chariklo (28 li 59'52") sextile Orcus (28 le 59'52" Rx)

Friday 08 December 2006

07:47:43 UT - Okyrhoe (7 le 14'32" Rx) sextile Chaos (7 ge 14'32" Rx)

Saturday 09 December 2006

09:52:33 UT - Nessus (4 aq 44'53") square Deucalion (4 sc 44'53")

Sunday 10 December 2006

17:53:52 UT - Hylonome (28 sc 58'12") square Orcus (28 le 58'12" Rx)

Sunday 17 December 2006

18:23:55 UT - Chiron (6 aq 47' 4") opposite Okyrhoe (6 le 47' 4" Rx)

Monday 18 December 2006

00:52:13 UT - Okyrhoe (6 le 46' 5" Rx) trine Crantor (6 sa 46' 5")

Wednesday 20 December 2006

16:32:40 UT - Chiron (6 aq 58'48") sextile Crantor (6 sa 58'48")

20:56:46 UT - Crantor (6 sa 59'40") opposite Chaos (6 ge 59'40" Rx)

21:31:54 UT - Chiron (6 aq 59'39") trine Chaos (6 ge 59'39" Rx)

Saturday 23 December 2006

21:20:06 UT - Okyrhoe (6 le 21'57" Rx) square Huya (6 sc 21'57")

Tuesday 26 December 2006

00:43:18 UT - Chariklo (0 sc 48'23") opposite Thereus (0 ta 48'23" Rx)

07:51:01 UT - Pholus (5 sa 18'47") sextile Nessus (5 aq 32'58") - **Near Miss**

Friday 29 December 2006

17:47:11 UT - Pluto (26 sa 56'40") conjunct Galactic Center (26 sa 56'40")

Saturday 30 December 2006

20:55:13 UT - Nessus (5 aq 47' 9") opposite Okyrhoe (5 le 47' 9" Rx)

Sign Changes and Stations 2006

Sign and direction changes for all bodies except the Moon.

Sunday 01 January 2006

20:17:51 UT - Venus enters Capricorn (retrograde)

Tuesday 03 January 2006

21:26:12 UT - Mercury enters Capricorn (direct)

Friday 13 January 2006

05:32:30 UT - Rhadamanthus stations retrograde (13 li 41' 3")

Friday 20 January 2006

05:15:19 UT - Sun enters Aquarius (direct)

Sunday 22 January 2006

20:41:28 UT - Mercury enters Aquarius (direct)

Thursday 26 January 2006

21:08:28 UT - Elatus enters Cancer (retrograde)

Monday 30 January 2006

16:13:21 UT - Chariklo stations retrograde (23 li 10'23")

Tuesday 31 January 2006

23:44:36 UT - Sedna stations direct (18 ta 36'38")

Thursday 02 February 2006

11:29:07 UT - Deucalion stations retrograde (4 sc 4' 8")

Friday 03 February 2006

09:18:43 UT - Venus stations direct (16 cp 1'19")

Sunday 05 February 2006

17:39:42 UT - Huya stations retrograde (4 sc 22'51")

Thursday 09 February 2006

01:21:40 UT - Mercury enters Pisces (direct)

Wednesday 15 February 2006

19:51:53 UT - Chaos stations direct (5 ge 0' 7")

Thursday 16 February 2006

03:13:48 UT - Amycus stations retrograde (9 sc 36'10")

Friday 17 February 2006

22:43:48 UT - Mars enters Gemini (direct)

Saturday 18 February 2006

19:25:35 UT - Sun enters Pisces (direct)

Wednesday 22 February 2006

18:54:26 UT - Cyllarus stations direct (15 ge 34'28")

Sunday 26 February 2006

00:45:06 UT - Okyrhoe stations direct (0 cn 37'43")

Thursday 02 March 2006

17:14:28 UT - Hylonome stations retrograde (27 sc 30' 5")

20:29:07 UT - Mercury stations retrograde (26 pi 55'28")

Saturday 04 March 2006

18:02:16 UT - Jupiter stations retrograde (18 sc 51'42")

Sunday 05 March 2006

08:38:57 UT - Venus enters Aquarius (direct)

16:44:45 UT - Pholus stations retrograde (4 sa 12' 9")

Saturday 11 March 2006

23:44:13 UT - Ixion stations retrograde (12 sa 17' 9")

Sunday 12 March 2006

01:04:59 UT - Crantor stations retrograde (3 sa 40'46")

Friday 17 March 2006

00:25:11 UT - Quaoar stations retrograde (16 sa 23'53")

Monday 20 March 2006

18:25:34 UT - Sun enters Aries (direct)

Saturday 25 March 2006

13:42:13 UT - Mercury stations direct (13 pi 10'52")

Tuesday 28 March 2006

17:23:31 UT - Varuna stations direct (14 cn 58'41")

Wednesday 29 March 2006

12:40:10 UT - Pluto stations retrograde (26 sa 45'19")

Sunday 02 April 2006

06:00:37 UT - Elatus stations direct (27 cn 21'15")

Wednesday 05 April 2006

12:54:19 UT - Saturn stations direct (4 le 22'31")

Thursday 06 April 2006

01:20:40 UT - Venus enters Pisces (direct)

Friday 14 April 2006

00:59:04 UT - Mars enters Cancer (direct)

Sunday 16 April 2006

12:19:48 UT - Mercury enters Aries (direct)

Thursday 20 April 2006

05:26:04 UT - Sun enters Taurus (direct)

Saturday 29 April 2006

04:45:26 UT - Thereus enters Taurus (direct)

Wednesday 03 May 2006

10:24:36 UT - Venus enters Aries (direct)

Friday 05 May 2006

08:28:02 UT - Mercury enters Taurus (direct)

Wednesday 10 May 2006

09:43:56 UT - Orcus stations direct (25 le 56'21")

Thursday 11 May 2006

02:14:09 UT - Nessus stations retrograde (7 aq 31'56")

Monday 15 May 2006

08:37:33 UT - Chiron stations retrograde (9 aq 46' 5")

Friday 19 May 2006

20:51:56 UT - Mercury enters Gemini (direct)

Sunday 21 May 2006

04:31:33 UT - Sun enters Gemini (direct)

Monday 22 May 2006

13:05:44 UT - Neptune stations retrograde (19 aq 49' 1")

Monday 29 May 2006

12:41:13 UT - Venus enters Taurus (direct)

Saturday 03 June 2006

11:21:01 UT - Mercury enters Cancer (direct)

18:43:02 UT - Mars enters Leo (direct)

Monday 05 June 2006

15:12:31 UT - Elatus enters Leo (direct)

Sunday 18 June 2006

01:05:14 UT - Crantor enters Scorpio (retrograde)

Monday 19 June 2006

07:40:02 UT - Uranus stations retrograde (14 pi 43'45")

Wednesday 21 June 2006

12:25:52 UT - Sun enters Cancer (direct)

20:12:05 UT - Chariklo stations direct (17 li 34'26")

Saturday 24 June 2006

00:31:06 UT - Venus enters Gemini (direct)

07:07:43 UT - Rhadamanthus stations direct (11 li 26'16")

Tuesday 27 June 2006

23:47:57 UT - Pelion stations retrograde (22 pi 11' 5")

Wednesday 28 June 2006

19:57:08 UT - Mercury enters Leo (direct)

Sunday 02 July 2006

19:21:57 UT - Bienor stations retrograde (28 pi 34'37")

Tuesday 04 July 2006

19:33:24 UT - Mercury stations retrograde (1 le 22'26")

Thursday 06 July 2006

07:18:31 UT - Jupiter stations direct (8 sc 58'43")

Sunday 09 July 2006

19:57:40 UT - Amycus stations direct (5 sc 8'52")

Monday 10 July 2006

20:18:15 UT - Mercury enters Cancer (retrograde)

Tuesday 11 July 2006

23:46:09 UT - Huya stations direct (1 sc 33'33")

Saturday 15 July 2006

18:52:40 UT - Deucalion stations direct (2 sc 2' 9")

Monday 17 July 2006

05:10:15 UT - Pholus enters Scorpio (retrograde)

Wednesday 19 July 2006

02:41:13 UT - Venus enters Cancer (direct)

Saturday 22 July 2006

18:52:41 UT - Mars enters Virgo (direct)

23:17:42 UT - Sun enters Leo (direct)

Sunday 23 July 2006

13:14:53 UT - 1992 QB1 stations retrograde (21 ar 2' 5")

Saturday 29 July 2006

00:39:30 UT - Mercury stations direct (21 cn 3'47")

Monday 31 July 2006

01:45:15 UT - Asbolus stations retrograde (20 ar 12'51")

Tuesday 01 August 2006

18:12:15 UT - Hylonome stations direct (23 sc 47'25")

Thursday 03 August 2006

16:28:42 UT - Crantor stations direct (28 sc 53'15")

Friday 11 August 2006

04:09:26 UT - Mercury enters Leo (direct)

11:07:10 UT - Pholus stations direct (29 sc 44' 7")

Saturday 12 August 2006

20:20:45 UT - Venus enters Leo (direct)

Wednesday 16 August 2006

02:10:02 UT - Thereus stations retrograde (7 ta 21'15")

Monday 21 August 2006

07:11:11 UT - Sedna stations retrograde (20 ta 13'49")

Wednesday 23 August 2006

06:22:35 UT - Sun enters Virgo (direct)

Friday 25 August 2006

01:53:52 UT - Ixion stations direct (10 sa 8' 2")

Sunday 27 August 2006

19:30:31 UT - Mercury enters Virgo (direct)

Monday 28 August 2006

09:24:02 UT - Quaoar stations direct (14 sa 20'30")

Monday 04 September 2006

23:20:48 UT - Pluto stations direct (24 sa 4'39")

Tuesday 05 September 2006

11:03:48 UT - Pholus enters Sagittarius (direct)

Wednesday 06 September 2006

06:14:48 UT - Venus enters Virgo (direct)

Friday 08 September 2006

04:18:22 UT - Mars enters Libra (direct)

Saturday 09 September 2006

01:04:05 UT - Okyrhoe enters Leo (direct)

19:22:15 UT - Chaos stations retrograde (8 ge 28'27")

Tuesday 12 September 2006

21:07:32 UT - Mercury enters Libra (direct)

Sunday 17 September 2006

13:36:54 UT - Crantor enters Sagittarius (direct)

Saturday 23 September 2006

04:03:22 UT - Sun enters Libra (direct)

Wednesday 27 September 2006

04:38:19 UT - Cyllarus stations retrograde (22 ge 47'10")

Saturday 30 September 2006

10:01:48 UT - Venus enters Libra (direct)

Monday 02 October 2006

04:38:05 UT - Mercury enters Scorpio (direct)

Thursday 12 October 2006

21:10:52 UT - Chiron stations direct (4 aq 24'57")

Friday 13 October 2006

21:04:20 UT - Nessus stations direct (3 aq 27'11")

Thursday 19 October 2006

09:35:55 UT - Varuna stations retrograde (18 cn 16'45")

Monday 23 October 2006

13:26:28 UT - Sun enters Scorpio (direct)

16:37:55 UT - Mars enters Scorpio (direct)

Tuesday 24 October 2006

09:57:35 UT - Venus enters Scorpio (direct)

Saturday 28 October 2006

19:16:01 UT - Mercury stations retrograde (25 sc 4'41")

Sunday 29 October 2006

07:55:55 UT - Neptune stations direct (17 aq 1'50")

Friday 17 November 2006

08:02:09 UT - Venus enters Sagittarius (direct)

14:12:54 UT - Elatus stations retrograde (11 le 28'26")

Saturday 18 November 2006

00:25:15 UT - Mercury stations direct (9 sc 3'38")

Monday 20 November 2006

06:08:48 UT - Uranus stations direct (10 pi 48'33")

Wednesday 22 November 2006

11:01:45 UT - Sun enters Sagittarius (direct)

Friday 24 November 2006

04:43:04 UT - Jupiter enters Sagittarius (direct)

Saturday 25 November 2006

19:33:16 UT - Okyrhoe stations retrograde (7 le 28' 0")

Sunday 26 November 2006

12:03:46 UT - Pelion stations direct (18 pi 5'17")

Tuesday 28 November 2006

06:35:36 UT - Orcus stations retrograde (28 le 59'56")

Monday 04 December 2006

11:16:00 UT - Bienor stations direct (24 pi 7'52")

Wednesday 06 December 2006

04:06:38 UT - Saturn stations retrograde (25 le 4'16")

04:58:15 UT - Mars enters Sagittarius (direct)

Friday 08 December 2006

05:51:32 UT - Mercury enters Sagittarius (direct)

Monday 11 December 2006

05:33:11 UT - Venus enters Capricorn (direct)

Wednesday 13 December 2006

16:24:38 UT - Chariklo enters Scorpio (direct)

Saturday 16 December 2006

23:08:11 UT - Asbolus stations direct (13 ar 40' 6")

Friday 22 December 2006

00:22:06 UT - Sun enters Capricorn (direct)

Wednesday 27 December 2006

20:54:37 UT - Mercury enters Capricorn (direct)

Saturday 30 December 2006

16:27:09 UT - Hylonome enters Sagittarius (direct)

Sunday 31 December 2006

14:28:45 UT - 1992 QB1 stations direct (18 ar 54'25")

Lunations 2006

New Moons, Full Moons, eclipses, and occultations of major planets.

Saturday 14 January 2006

09:48:08 UT - **Full Moon** (24 cn 5' 7")

Sunday 29 January 2006

14:14:38 UT - **New Moon** (9 aq 32' 3")

Monday 13 February 2006

04:44:14 UT - **Full Moon** (24 le 20' 5")

Tuesday 28 February 2006

00:30:47 UT - **New Moon** (9 pi 16'28")

Tuesday 14 March 2006

23:35:26 UT - **Full Moon** (24 vi 14'43") - **Penumbral Lunar Eclipse**

Monday 27 March 2006

16:05:17 UT - **Occultation** of **Uranus** by the **Moon** (12 pi 11'20")

Wednesday 29 March 2006

10:15:15 UT - **New Moon** (8 ar 35' 2") - **Total Solar Eclipse**

Thursday 13 April 2006

16:40:07 UT - **Full Moon** (23 li 36'42")

Monday 24 April 2006

03:06:19 UT - **Occultation** of **Uranus** by the **Moon** (13 pi 30'20")

13:55:00 UT - **Occultation** of **Venus** by the **Moon** (20 pi 4'25")

Thursday 27 April 2006

19:43:53 UT - **New Moon** (7 ta 24'13")

Saturday 13 May 2006

06:51:04 UT - **Full Moon** (22 sc 23' 7")

Sunday 21 May 2006

11:02:57 UT - **Occultation** of **Uranus** by the **Moon** (14 pi 23'40")

Saturday 27 May 2006

05:25:37 UT - **New Moon** (5 ge 48'15")

Sunday 11 June 2006

18:03:07 UT - **Full Moon** (20 sa 40'30")

Saturday 17 June 2006

16:57:57 UT - **Occultation** of **Uranus** by the **Moon** (14 pi 43'41")

Sunday 25 June 2006

16:05:16 UT - **New Moon** (3 cn 57'46")

Tuesday 11 July 2006

03:01:53 UT - **Full Moon** (18 cp 42' 1")

Friday 14 July 2006

22:48:54 UT - **Occultation** of **Uranus** by the **Moon** (14 pi 28'21")

Tuesday 25 July 2006

04:30:55 UT - **New Moon** (2 le 7' 6")

Thursday 27 July 2006

17:48:36 UT - **Occultation** of **Mars** by the **Moon** (3 vi 5'16")

Wednesday 09 August 2006

10:53:59 UT - **Full Moon** (16 aq 43'32")

Friday 11 August 2006

06:06:39 UT - **Occultation** of **Uranus** by the **Moon** (13 pi 42'40")

Wednesday 23 August 2006

19:09:47 UT - **New Moon** (0 vi 30'49")

Friday 25 August 2006

13:12:11 UT - **Occultation** of **Mars** by the **Moon** (21 vi 15'25")

Thursday 07 September 2006

15:00:15 UT - **Occultation** of **Uranus** by the **Moon** (12 pi 39'40")

18:42:04 UT - **Full Moon** (15 pi 0' 8") - **Partial Lunar Eclipse**

Thursday 21 September 2006

14:46:35 UT - **Occultation** of **Venus** by the **Moon** (19 vi 2'19")

Friday 22 September 2006

11:45:04 UT - **New Moon** (29 vi 20' 6") - **Annular Solar Eclipse**

Thursday 05 October 2006

00:20:04 UT - **Occultation** of **Uranus** by the **Moon** (11 pi 38'14")

Saturday 07 October 2006

03:12:50 UT - **Full Moon** (13 ar 43'13")

Sunday 22 October 2006

05:14:04 UT - **New Moon** (28 li 39'50")

Wednesday 01 November 2006

08:31:19 UT - **Occultation** of **Uranus** by the **Moon** (10 pi 57'29")

Sunday 05 November 2006

12:58:16 UT - **Full Moon** (12 ta 58' 9")

Monday 20 November 2006

22:18:00 UT - **New Moon** (28 sc 27'14")

Tuesday 28 November 2006

14:59:43 UT - **Occultation** of **Uranus** by the **Moon** (10 pi 50'22")

Tuesday 05 December 2006

00:24:49 UT - **Full Moon** (12 ge 42'56")

Sunday 10 December 2006

11:45:50 UT - **Occultation** of **Saturn** by the **Moon** (25 le 3'12")

Wednesday 20 December 2006

14:00:47 UT - **New Moon** (28 sa 32'30")

Monday 25 December 2006

21:10:49 UT - **Occultation** of **Uranus** by the **Moon** (11 pi 20'42")

Daily Positions of Named Centaurs, Midnight UT, 2006

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
01 Jan	1 aq 55'11"	2 sa 29' 3"	2 aq 8'38"	1 ar 14'53"	22 li 33'17"	26 sc 1'26"	1 le 44' 5" rx	20 ar 35'21"	14 pi 10'29"	4 cn 20'40" rx	16 ge 34'18" rx	20 pi 34'58"	8 sc 25'37"	0 sa 57' 1"
02 Jan	2 aq 0' 0"	2 sa 32' 1"	2 aq 12' 3"	1 ar 18'15"	22 li 35'42"	26 sc 4' 9"	1 le 40'20" rx	20 ar 36' 5"	14 pi 12'39"	4 cn 14' 5" rx	16 ge 32'17" rx	20 pi 36'42"	8 sc 28'33"	1 sa 1'17"
03 Jan	2 aq 4'51"	2 sa 34'57"	2 aq 15'29"	1 ar 21'43"	22 li 38' 3"	26 sc 6'50"	1 le 36'32" rx	20 ar 36'54"	14 pi 14'52"	4 cn 7'32" rx	16 ge 30'16" rx	20 pi 38'30"	8 sc 31'25"	1 sa 5'30"
04 Jan	2 aq 9'43"	2 sa 37'50"	2 aq 18'55"	1 ar 25'17"	22 li 40'18"	26 sc 9'28"	1 le 32'41" rx	20 ar 37'49"	14 pi 17' 8"	4 cn 1' 0" rx	16 ge 28'17" rx	20 pi 40'21"	8 sc 34'14"	1 sa 9'41"
05 Jan	2 aq 14'36"	2 sa 40'42"	2 aq 22'23"	1 ar 28'56"	22 li 42'29"	26 sc 12' 5"	1 le 28'49" rx	20 ar 38'50"	14 pi 19'26"	3 cn 54'31" rx	16 ge 26'19" rx	20 pi 42'14"	8 sc 36'59"	1 sa 13'49"
06 Jan	2 aq 19'30"	2 sa 43'32"	2 aq 25'51"	1 ar 32'41"	22 li 44'35"	26 sc 14'40"	1 le 24'55" rx	20 ar 39'56"	14 pi 21'47"	3 cn 48' 4" rx	16 ge 24'23" rx	20 pi 44'11"	8 sc 39'41"	1 sa 17'55"
07 Jan	2 aq 24'25"	2 sa 46'19"	2 aq 29'20"	1 ar 36'32"	22 li 46'37"	26 sc 17'12"	1 le 20'59" rx	20 ar 41' 9"	14 pi 24'10"	3 cn 41'40" rx	16 ge 22'29" rx	20 pi 46'10"	8 sc 42'20"	1 sa 21'58"
08 Jan	2 aq 29'21"	2 sa 49' 5"	2 aq 32'50"	1 ar 40'28"	22 li 48'33"	26 sc 19'42"	1 le 17' 2" rx	20 ar 42'28"	14 pi 26'36"	3 cn 35'19" rx	16 ge 20'36" rx	20 pi 48'12"	8 sc 44'55"	1 sa 25'58"
09 Jan	2 aq 34'18"	2 sa 51'48"	2 aq 36'20"	1 ar 44'30"	22 li 50'25"	26 sc 22'10"	1 le 13' 3" rx	20 ar 43'52"	14 pi 29' 5"	3 cn 29' 1" rx	16 ge 18'45" rx	20 pi 50'17"	8 sc 47'27"	1 sa 29'56"
10 Jan	2 aq 39'16"	2 sa 54'29"	2 aq 39'51"	1 ar 48'37"	22 li 52'12"	26 sc 24'36"	1 le 9' 3" rx	20 ar 45'23"	14 pi 31'36"	3 cn 22'47" rx	16 ge 16'56" rx	20 pi 52'25"	8 sc 49'55"	1 sa 33'51"
11 Jan	2 aq 44'14"	2 sa 57' 8"	2 aq 43'23"	1 ar 52'49"	22 li 53'54"	26 sc 27' 0"	1 le 5' 2" rx	20 ar 46'59"	14 pi 34'10"	3 cn 16'36" rx	16 ge 15' 8" rx	20 pi 54'35"	8 sc 52'20"	1 sa 37'44"
12 Jan	2 aq 49'13"	2 sa 59'45"	2 aq 46'55"	1 ar 57' 7"	22 li 55'31"	26 sc 29'22"	1 le 0'59" rx	20 ar 48'41"	14 pi 36'46"	3 cn 10'30" rx	16 ge 13'23" rx	20 pi 56'48"	8 sc 54'41"	1 sa 41'33"
13 Jan	2 aq 54'13"	3 sa 2'20"	2 aq 50'28"	2 ar 1'29"	22 li 57' 4"	26 sc 31'41"	0 le 56'56" rx	20 ar 50'28"	14 pi 39'24"	3 cn 4'28" rx	16 ge 11'39" rx	20 pi 59' 4"	8 sc 56'58"	1 sa 45'20"
14 Jan	2 aq 59'13"	3 sa 4'52"	2 aq 54' 1"	2 ar 5'57"	22 li 58'31"	26 sc 33'58"	0 le 52'52" rx	20 ar 52'22"	14 pi 42' 5"	2 cn 58'31" rx	16 ge 9'57" rx	21 pi 1'23"	8 sc 59'12"	1 sa 49' 3"
15 Jan	3 aq 4'14"	3 sa 7'22"	2 aq 57'35"	2 ar 10'30"	22 li 59'54"	26 sc 36'13"	0 le 48'47" rx	20 ar 54'21"	14 pi 44'48"	2 cn 52'38" rx	16 ge 8'17" rx	21 pi 3'44"	9 sc 1'22"	1 sa 52'44"
16 Jan	3 aq 9'15"	3 sa 9'50"	3 aq 1' 9"	2 ar 15' 8"	23 li 1'11"	26 sc 38'25"	0 le 44'41" rx	20 ar 56'25"	14 pi 47'34"	2 cn 46'50" rx	16 ge 6'39" rx	21 pi 6' 7"	9 sc 3'28"	1 sa 56'22"
17 Jan	3 aq 14'17"	3 sa 12'15"	3 aq 4'43"	2 ar 19'51"	23 li 2'23"	26 sc 40'34"	0 le 40'35" rx	20 ar 58'35"	14 pi 50'22"	2 cn 41' 7" rx	16 ge 5' 3" rx	21 pi 8'33"	9 sc 5'31"	1 sa 59'56"
18 Jan	3 aq 19'19"	3 sa 14'38"	3 aq 8'17"	2 ar 24'38"	23 li 3'30"	26 sc 42'42"	0 le 36'28" rx	21 ar 0'51"	14 pi 53'11"	2 cn 35'30" rx	16 ge 3'29" rx	21 pi 11' 2"	9 sc 7'30"	2 sa 3'28"
19 Jan	3 aq 24'21"	3 sa 16'58"	3 aq 11'52"	2 ar 29'30"	23 li 4'33"	26 sc 44'46"	0 le 32'21" rx	21 ar 3'12"	14 pi 56' 3"	2 cn 29'58" rx	16 ge 1'57" rx	21 pi 13'32"	9 sc 9'25"	2 sa 6'56"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
20 Jan	3 aq 29'23"	3 sa 19'16"	3 aq 15'26"	2 ar 34'27"	23 li 5'30"	26 sc 46'48"	0 le 28'14" rx	21 ar 5'38"	14 pi 58'57"	2 cn 24'32" rx	16 ge 0'27" rx	21 pi 16' 6"	9 sc 11'16"	2 sa 10'21"
21 Jan	3 aq 34'25"	3 sa 21'31"	3 aq 19' 1"	2 ar 39'29"	23 li 6'22"	26 sc 48'48"	0 le 24' 7" rx	21 ar 8'10"	15 pi 1'54"	2 cn 19'12" rx	15 ge 59' 0" rx	21 pi 18'42"	9 sc 13' 3"	2 sa 13'43"
22 Jan	3 aq 39'28"	3 sa 23'43"	3 aq 22'36"	2 ar 44'35"	23 li 7' 9"	26 sc 50'45"	0 le 20' 0" rx	21 ar 10'47"	15 pi 4'52"	2 cn 13'59" rx	15 ge 57'35" rx	21 pi 21'20"	9 sc 14'46"	2 sa 17' 2"
23 Jan	3 aq 44'31"	3 sa 25'53"	3 aq 26'11"	2 ar 49'46"	23 li 7'51"	26 sc 52'40"	0 le 15'53" rx	21 ar 13'30"	15 pi 7'52"	2 cn 8'52" rx	15 ge 56'11" rx	21 pi 24' 0"	9 sc 16'26"	2 sa 20'17"
24 Jan	3 aq 49'33"	3 sa 28' 1"	3 aq 29'46"	2 ar 55' 1"	23 li 8'28"	26 sc 54'32"	0 le 11'47" rx	21 ar 16'18"	15 pi 10'54"	2 cn 3'52" rx	15 ge 54'51" rx	21 pi 26'43"	9 sc 18' 2"	2 sa 23'29"
25 Jan	3 aq 54'36"	3 sa 30' 5"	3 aq 33'22"	3 ar 0'21"	23 li 8'59"	26 sc 56'21"	0 le 7'41" rx	21 ar 19'11"	15 pi 13'59"	1 cn 58'58" rx	15 ge 53'32" rx	21 pi 29'28"	9 sc 19'33"	2 sa 26'38"
26 Jan	3 aq 59'39"	3 sa 32' 8"	3 aq 36'57"	3 ar 5'46"	23 li 9'26"	26 sc 58' 8"	0 le 3'35" rx	21 ar 22'10"	15 pi 17' 5"	1 cn 54'12" rx	15 ge 52'16" rx	21 pi 32'15"	9 sc 21' 1"	2 sa 29'43"
27 Jan	4 aq 4'41"	3 sa 34' 7"	3 aq 40'32"	3 ar 11'14"	23 li 9'48"	26 sc 59'52"	29 cn 59'31" rx	21 ar 25'14"	15 pi 20'13"	1 cn 49'33" rx	15 ge 51' 3" rx	21 pi 35' 5"	9 sc 22'25"	2 sa 32'45"
28 Jan	4 aq 9'44"	3 sa 36' 4"	3 aq 44' 6"	3 ar 16'47"	23 li 10' 4"	27 sc 1'33"	29 cn 55'27" rx	21 ar 28'23"	15 pi 23'24"	1 cn 45' 2" rx	15 ge 49'52" rx	21 pi 37'56"	9 sc 23'45"	2 sa 35'43"
29 Jan	4 aq 14'46"	3 sa 37'57"	3 aq 47'41"	3 ar 22'24"	23 li 10'16"	27 sc 3'12"	29 cn 51'25" rx	21 ar 31'37"	15 pi 26'35"	1 cn 40'38" rx	15 ge 48'43" rx	21 pi 40'50"	9 sc 25' 1"	2 sa 38'38"
30 Jan	4 aq 19'47"	3 sa 39'48"	3 aq 51'15"	3 ar 28' 5"	23 li 10'22"	27 sc 4'48"	29 cn 47'23" rx	21 ar 34'56"	15 pi 29'49"	1 cn 36'22" rx	15 ge 47'37" rx	21 pi 43'46"	9 sc 26'13"	2 sa 41'28"
31 Jan	4 aq 24'49"	3 sa 41'36"	3 aq 54'49"	3 ar 33'50"	23 li 10'23" rx	27 sc 6'21"	29 cn 43'23" rx	21 ar 38'19"	15 pi 33' 4"	1 cn 32'15" rx	15 ge 46'33" rx	21 pi 46'44"	9 sc 27'21"	2 sa 44'16"
01 Feb	4 aq 29'49"	3 sa 43'21"	3 aq 58'22"	3 ar 39'39"	23 li 10'19" rx	27 sc 7'51"	29 cn 39'24" rx	21 ar 41'48"	15 pi 36'21"	1 cn 28'15" rx	15 ge 45'32" rx	21 pi 49'43"	9 sc 28'24"	2 sa 46'59"
02 Feb	4 aq 34'49"	3 sa 45' 3"	4 aq 1'55"	3 ar 45'31"	23 li 10' 9" rx	27 sc 9'18"	29 cn 35'26" rx	21 ar 45'22"	15 pi 39'39"	1 cn 24'23" rx	15 ge 44'33" rx	21 pi 52'45"	9 sc 29'24"	2 sa 49'39"
03 Feb	4 aq 39'48"	3 sa 46'42"	4 aq 5'28"	3 ar 51'27"	23 li 9'55" rx	27 sc 10'42"	29 cn 31'30" rx	21 ar 49' 0"	15 pi 42'59"	1 cn 20'40" rx	15 ge 43'37" rx	21 pi 55'48"	9 sc 30'19"	2 sa 52'14"
04 Feb	4 aq 44'47"	3 sa 48'19"	4 aq 9' 0"	3 ar 57'27"	23 li 9'35" rx	27 sc 12' 4"	29 cn 27'36" rx	21 ar 52'43"	15 pi 46'20"	1 cn 17' 6" rx	15 ge 42'44" rx	21 pi 58'53"	9 sc 31'10"	2 sa 54'47"
05 Feb	4 aq 49'45"	3 sa 49'52"	4 aq 12'31"	4 ar 3'31"	23 li 9'11" rx	27 sc 13'22"	29 cn 23'43" rx	21 ar 56'31"	15 pi 49'43"	1 cn 13'40" rx	15 ge 41'53" rx	22 pi 2' 0"	9 sc 31'58"	2 sa 57'15"
06 Feb	4 aq 54'43"	3 sa 51'22"	4 aq 16' 2"	4 ar 9'38"	23 li 8'41" rx	27 sc 14'38"	29 cn 19'53" rx	22 ar 0'24"	15 pi 53' 8"	1 cn 10'24" rx	15 ge 41' 5" rx	22 pi 5' 9"	9 sc 32'41"	2 sa 59'39"
07 Feb	4 aq 59'39"	3 sa 52'49"	4 aq 19'32"	4 ar 15'49"	23 li 8' 7" rx	27 sc 15'51"	29 cn 16' 5" rx	22 ar 4'21"	15 pi 56'33"	1 cn 7'16" rx	15 ge 40'20" rx	22 pi 8'20"	9 sc 33'20"	3 sa 2' 0"
08 Feb	5 aq 4'35"	3 sa 54'14"	4 aq 23' 2"	4 ar 22' 3"	23 li 7'28" rx	27 sc 17' 1"	29 cn 12'19" rx	22 ar 8'22"	16 pi 0' 0"	1 cn 4'17" rx	15 ge 39'37" rx	22 pi 11'32"	9 sc 33'55"	3 sa 4'17"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
09 Feb	5 aq 9'29"	3 sa 55'35"	4 aq 26'30"	4 ar 28'21"	23 li 6'44" rx	27 sc 18' 8"	29 cn 8'35" rx	22 ar 12'28"	16 pi 3'29"	1 cn 1'28" rx	15 ge 38'57" rx	22 pi 14'45"	9 sc 34'27"	3 sa 6'30"
10 Feb	5 aq 14'23"	3 sa 56'53"	4 aq 29'58"	4 ar 34'41"	23 li 5'54" rx	27 sc 19'12"	29 cn 4'54" rx	22 ar 16'39"	16 pi 6'58"	0 cn 58'48" rx	15 ge 38'20" rx	22 pi 18' 1"	9 sc 34'54"	3 sa 8'38"
11 Feb	5 aq 19'16"	3 sa 58' 8"	4 aq 33'26"	4 ar 41' 5"	23 li 5' 0" rx	27 sc 20'14"	29 cn 1'15" rx	22 ar 20'53"	16 pi 10'29"	0 cn 56'16" rx	15 ge 37'45" rx	22 pi 21'18"	9 sc 35'17"	3 sa 10'43"
12 Feb	5 aq 24' 7"	3 sa 59'20"	4 aq 36'52"	4 ar 47'32"	23 li 4' 2" rx	27 sc 21'12"	28 cn 57'39" rx	22 ar 25'12"	16 pi 14' 1"	0 cn 53'55" rx	15 ge 37'14" rx	22 pi 24'36"	9 sc 35'35"	3 sa 12'44"
13 Feb	5 aq 28'57"	4 sa 0'29"	4 aq 40'17"	4 ar 54' 2"	23 li 2'58" rx	27 sc 22' 7"	28 cn 54' 6" rx	22 ar 29'35"	16 pi 17'34"	0 cn 51'42" rx	15 ge 36'45" rx	22 pi 27'55"	9 sc 35'50"	3 sa 14'41"
14 Feb	5 aq 33'46"	4 sa 1'34"	4 aq 43'41"	5 ar 0'34"	23 li 1'49" rx	27 sc 22'59"	28 cn 50'35" rx	22 ar 34' 2"	16 pi 21' 8"	0 cn 49'40" rx	15 ge 36'18" rx	22 pi 31'16"	9 sc 36' 1"	3 sa 16'34"
15 Feb	5 aq 38'34"	4 sa 2'37"	4 aq 47' 5"	5 ar 7'10"	23 li 0'36" rx	27 sc 23'48"	28 cn 47' 7" rx	22 ar 38'33"	16 pi 24'43"	0 cn 47'46" rx	15 ge 35'55" rx	22 pi 34'39"	9 sc 36' 8"	3 sa 18'22"
16 Feb	5 aq 43'21"	4 sa 3'36"	4 aq 50'27"	5 ar 13'48"	22 li 59'18" rx	27 sc 24'34"	28 cn 43'42" rx	22 ar 43' 8"	16 pi 28'19"	0 cn 46' 2" rx	15 ge 35'34" rx	22 pi 38' 2"	9 sc 36'10"	3 sa 20' 7"
17 Feb	5 aq 48' 6"	4 sa 4'32"	4 aq 53'48"	5 ar 20'29"	22 li 57'55" rx	27 sc 25'17"	28 cn 40'20" rx	22 ar 47'47"	16 pi 31'55"	0 cn 44'28" rx	15 ge 35'16" rx	22 pi 41'27"	9 sc 36' 9" rx	3 sa 21'47"
18 Feb	5 aq 52'49"	4 sa 5'25"	4 aq 57' 8"	5 ar 27'13"	22 li 56'28" rx	27 sc 25'58"	28 cn 37' 2" rx	22 ar 52'30"	16 pi 35'33"	0 cn 43' 4" rx	15 ge 35' 1" rx	22 pi 44'53"	9 sc 36' 3" rx	3 sa 23'23"
19 Feb	5 aq 57'32"	4 sa 6'14"	5 aq 0'27"	5 ar 33'59"	22 li 54'56" rx	27 sc 26'35"	28 cn 33'46" rx	22 ar 57'17"	16 pi 39'12"	0 cn 41'49" rx	15 ge 34'48" rx	22 pi 48'20"	9 sc 35'54" rx	3 sa 24'55"
20 Feb	6 aq 2'12"	4 sa 7' 1"	5 aq 3'45"	5 ar 40'48"	22 li 53'19" rx	27 sc 27' 9"	28 cn 30'34" rx	23 ar 2' 7"	16 pi 42'51"	0 cn 40'44" rx	15 ge 34'39" rx	22 pi 51'48"	9 sc 35'40" rx	3 sa 26'23"
21 Feb	6 aq 6'51"	4 sa 7'44"	5 aq 7' 1"	5 ar 47'39"	22 li 51'39" rx	27 sc 27'40"	28 cn 27'26" rx	23 ar 7' 1"	16 pi 46'31"	0 cn 39'49" rx	15 ge 34'32" rx	22 pi 55'18"	9 sc 35'23" rx	3 sa 27'47"
22 Feb	6 aq 11'29"	4 sa 8'24"	5 aq 10'17"	5 ar 54'33"	22 li 49'53" rx	27 sc 28' 8"	28 cn 24'21" rx	23 ar 11'59"	16 pi 50'12"	0 cn 39' 4" rx	15 ge 34'28" rx	22 pi 58'49"	9 sc 35' 2" rx	3 sa 29' 7"
23 Feb	6 aq 16' 5"	4 sa 9' 1"	5 aq 13'31"	6 ar 1'30"	22 li 48' 4" rx	27 sc 28'34"	28 cn 21'20" rx	23 ar 17' 1"	16 pi 53'54"	0 cn 38'29" rx	15 ge 34'28"	23 pi 2'20"	9 sc 34'37" rx	3 sa 30'22"
24 Feb	6 aq 20'39"	4 sa 9'35"	5 aq 16'44"	6 ar 8'28"	22 li 46'10" rx	27 sc 28'56"	28 cn 18'22" rx	23 ar 22' 6"	16 pi 57'36"	0 cn 38' 4" rx	15 ge 34'30"	23 pi 5'53"	9 sc 34' 7" rx	3 sa 31'33"
25 Feb	6 aq 25'12"	4 sa 10' 5"	5 aq 19'55"	6 ar 15'29"	22 li 44'11" rx	27 sc 29'15"	28 cn 15'28" rx	23 ar 27'15"	17 pi 1'19"	0 cn 37'49" rx	15 ge 34'35"	23 pi 9'26"	9 sc 33'34" rx	3 sa 32'40"
26 Feb	6 aq 29'43"	4 sa 10'32"	5 aq 23' 5"	6 ar 22'32"	22 li 42' 9" rx	27 sc 29'31"	28 cn 12'38" rx	23 ar 32'27"	17 pi 5' 2"	0 cn 37'43" rx	15 ge 34'42"	23 pi 13' 1"	9 sc 32'57" rx	3 sa 33'43"
27 Feb	6 aq 34'11"	4 sa 10'56"	5 aq 26'13"	6 ar 29'37"	22 li 40' 2" rx	27 sc 29'44"	28 cn 9'52" rx	23 ar 37'42"	17 pi 8'46"	0 cn 37'48"	15 ge 34'53"	23 pi 16'36"	9 sc 32'17" rx	3 sa 34'41"
28 Feb	6 aq 38'38"	4 sa 11'16"	5 aq 29'20"	6 ar 36'43"	22 li 37'50" rx	27 sc 29'54"	28 cn 7'10" rx	23 ar 43' 0"	17 pi 12'30"	0 cn 38' 3"	15 ge 35' 6"	23 pi 20'11"	9 sc 31'32" rx	3 sa 35'35"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
01 Mar	6 aq 43' 2"	4 sa 11'33"	5 aq 32'25"	6 ar 43'52"	22 li 35'35" rx	27 sc 30' 0"	28 cn 4'32" rx	23 ar 48'22"	17 pi 16'15"	0 cn 38'27"	15 ge 35'22"	23 pi 23'48"	9 sc 30'43" rx	3 sa 36'24"
02 Mar	6 aq 47'25"	4 sa 11'46"	5 aq 35'28"	6 ar 51' 2"	22 li 33'16" rx	27 sc 30' 4"	28 cn 1'58" rx	23 ar 53'46"	17 pi 20' 0"	0 cn 39' 2"	15 ge 35'41"	23 pi 27'25"	9 sc 29'50" rx	3 sa 37'10"
03 Mar	6 aq 51'45"	4 sa 11'57"	5 aq 38'30"	6 ar 58'14"	22 li 30'53" rx	27 sc 30' 5" rx	27 cn 59'29" rx	23 ar 59'14"	17 pi 23'45"	0 cn 39'46"	15 ge 36' 3"	23 pi 31' 3"	9 sc 28'54" rx	3 sa 37'50"
04 Mar	6 aq 56' 3"	4 sa 12' 4"	5 aq 41'30"	7 ar 5'28"	22 li 28'26" rx	27 sc 30' 2" rx	27 cn 57' 3" rx	24 ar 4'45"	17 pi 27'30"	0 cn 40'41"	15 ge 36'28"	23 pi 34'41"	9 sc 27'54" rx	3 sa 38'27"
05 Mar	7 aq 0'19"	4 sa 12' 8"	5 aq 44'28"	7 ar 12'44"	22 li 25'55" rx	27 sc 29'57" rx	27 cn 54'43" rx	24 ar 10'19"	17 pi 31'16"	0 cn 41'45"	15 ge 36'55"	23 pi 38'20"	9 sc 26'51" rx	3 sa 38'59"
06 Mar	7 aq 4'33"	4 sa 12' 8" rx	5 aq 47'25"	7 ar 20' 1"	22 li 23'21" rx	27 sc 29'49" rx	27 cn 52'26" rx	24 ar 15'55"	17 pi 35' 1"	0 cn 43' 0"	15 ge 37'26"	23 pi 41'59"	9 sc 25'44" rx	3 sa 39'27"
07 Mar	7 aq 8'44"	4 sa 12' 6" rx	5 aq 50'20"	7 ar 27'19"	22 li 20'44" rx	27 sc 29'38" rx	27 cn 50'14" rx	24 ar 21'35"	17 pi 38'47"	0 cn 44'24"	15 ge 37'59"	23 pi 45'39"	9 sc 24'33" rx	3 sa 39'51"
08 Mar	7 aq 12'53"	4 sa 12' 0" rx	5 aq 53'13"	7 ar 34'39"	22 li 18' 2" rx	27 sc 29'24" rx	27 cn 48' 7" rx	24 ar 27'17"	17 pi 42'33"	0 cn 45'58"	15 ge 38'35"	23 pi 49'19"	9 sc 23'19" rx	3 sa 40'11"
09 Mar	7 aq 17' 0"	4 sa 11'51" rx	5 aq 56' 4"	7 ar 42' 0"	22 li 15'18" rx	27 sc 29' 7" rx	27 cn 46' 5" rx	24 ar 33' 2"	17 pi 46'19"	0 cn 47'42"	15 ge 39'14"	23 pi 53' 0"	9 sc 22' 1" rx	3 sa 40'26"
10 Mar	7 aq 21' 4"	4 sa 11'39" rx	5 aq 58'53"	7 ar 49'22"	22 li 12'30" rx	27 sc 28'47" rx	27 cn 44' 6" rx	24 ar 38'49"	17 pi 50' 5"	0 cn 49'36"	15 ge 39'56"	23 pi 56'41"	9 sc 20'40" rx	3 sa 40'37"
11 Mar	7 aq 25' 5"	4 sa 11'23" rx	6 aq 1'40"	7 ar 56'46"	22 li 9'39" rx	27 sc 28'24" rx	27 cn 42'13" rx	24 ar 44'38"	17 pi 53'51"	0 cn 51'39"	15 ge 40'40"	24 pi 0'21"	9 sc 19'15" rx	3 sa 40'43"
12 Mar	7 aq 29' 4"	4 sa 11' 4" rx	6 aq 4'25"	8 ar 4'10"	22 li 6'44" rx	27 sc 27'58" rx	27 cn 40'24" rx	24 ar 50'30"	17 pi 57'36"	0 cn 53'52"	15 ge 41'27"	24 pi 4' 3"	9 sc 17'47" rx	3 sa 40'46"
13 Mar	7 aq 33' 1"	4 sa 10'42" rx	6 aq 7' 8"	8 ar 11'35"	22 li 3'47" rx	27 sc 27'29" rx	27 cn 38'40" rx	24 ar 56'25"	18 pi 1'22"	0 cn 56'15"	15 ge 42'17"	24 pi 7'44"	9 sc 16'16" rx	3 sa 40'44" rx
14 Mar	7 aq 36'54"	4 sa 10'17" rx	6 aq 9'49"	8 ar 19' 2"	22 li 0'46" rx	27 sc 26'57" rx	27 cn 37' 1" rx	25 ar 2'21"	18 pi 5' 7"	0 cn 58'46"	15 ge 43' 9"	24 pi 11'25"	9 sc 14'41" rx	3 sa 40'38" rx
15 Mar	7 aq 40'45"	4 sa 9'48" rx	6 aq 12'28"	8 ar 26'29"	21 li 57'42" rx	27 sc 26'23" rx	27 cn 35'26" rx	25 ar 8'20"	18 pi 8'51"	1 cn 1'28"	15 ge 44' 4"	24 pi 15' 6"	9 sc 13' 3" rx	3 sa 40'27" rx
16 Mar	7 aq 44'33"	4 sa 9'16" rx	6 aq 15' 5"	8 ar 33'57"	21 li 54'36" rx	27 sc 25'46" rx	27 cn 33'56" rx	25 ar 14'21"	18 pi 12'36"	1 cn 4'18"	15 ge 45' 2"	24 pi 18'48"	9 sc 11'22" rx	3 sa 40'12" rx
17 Mar	7 aq 48'19"	4 sa 8'41" rx	6 aq 17'40"	8 ar 41'25"	21 li 51'27" rx	27 sc 25' 5" rx	27 cn 32'31" rx	25 ar 20'24"	18 pi 16'20"	1 cn 7'18"	15 ge 46' 3"	24 pi 22'29"	9 sc 9'37" rx	3 sa 39'54" rx
18 Mar	7 aq 52' 1"	4 sa 8' 3" rx	6 aq 20'12"	8 ar 48'55"	21 li 48'15" rx	27 sc 24'22" rx	27 cn 31'11" rx	25 ar 26'30"	18 pi 20' 4"	1 cn 10'27"	15 ge 47' 6"	24 pi 26'10"	9 sc 7'50" rx	3 sa 39'31" rx
19 Mar	7 aq 55'41"	4 sa 7'22" rx	6 aq 22'43"	8 ar 56'25"	21 li 45' 1" rx	27 sc 23'37" rx	27 cn 29'56" rx	25 ar 32'37"	18 pi 23'47"	1 cn 13'46"	15 ge 48'12"	24 pi 29'51"	9 sc 5'59" rx	3 sa 39' 4" rx
20 Mar	7 aq 59'18"	4 sa 6'38" rx	6 aq 25'11"	9 ar 3'55"	21 li 41'45" rx	27 sc 22'49" rx	27 cn 28'46" rx	25 ar 38'46"	18 pi 27'30"	1 cn 17'13"	15 ge 49'20"	24 pi 33'32"	9 sc 4' 6" rx	3 sa 38'32" rx

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
21 Mar	8 aq 2'52"	4 sa 5'51" rx	6 aq 27'37"	9 ar 11'27"	21 li 38'26" rx	27 sc 21'58" rx	27 cn 27'41" rx	25 ar 44'57"	18 pi 31'13"	1 cn 20'50"	15 ge 50'32"	24 pi 37'13"	9 sc 2'10" rx	3 sa 37'57" rx
22 Mar	8 aq 6'23"	4 sa 5' 1" rx	6 aq 30' 0"	9 ar 18'58"	21 li 35' 5" rx	27 sc 21' 4" rx	27 cn 26'41" rx	25 ar 51'10"	18 pi 34'55"	1 cn 24'36"	15 ge 51'45"	24 pi 40'54"	9 sc 0'11" rx	3 sa 37'18" rx
23 Mar	8 aq 9'51"	4 sa 4' 8" rx	6 aq 32'22"	9 ar 26'31"	21 li 31'42" rx	27 sc 20' 8" rx	27 cn 25'46" rx	25 ar 57'25"	18 pi 38'36"	1 cn 28'31"	15 ge 53' 2"	24 pi 44'34"	8 sc 58' 9" rx	3 sa 36'35" rx
24 Mar	8 aq 13'16"	4 sa 3'12" rx	6 aq 34'41"	9 ar 34' 3"	21 li 28'16" rx	27 sc 19' 9" rx	27 cn 24'56" rx	26 ar 3'41"	18 pi 42'17"	1 cn 32'35"	15 ge 54'21"	24 pi 48'15"	8 sc 56' 5" rx	3 sa 35'47" rx
25 Mar	8 aq 16'38"	4 sa 2'12" rx	6 aq 36'57"	9 ar 41'36"	21 li 24'49" rx	27 sc 18' 7" rx	27 cn 24'11" rx	26 ar 9'59"	18 pi 45'57"	1 cn 36'47"	15 ge 55'43"	24 pi 51'54"	8 sc 53'57" rx	3 sa 34'56" rx
26 Mar	8 aq 19'57"	4 sa 1'10" rx	6 aq 39'11"	9 ar 49' 8"	21 li 21'20" rx	27 sc 17' 3" rx	27 cn 23'31" rx	26 ar 16'18"	18 pi 49'36"	1 cn 41' 9"	15 ge 57' 7"	24 pi 55'34"	8 sc 51'47" rx	3 sa 34' 0" rx
27 Mar	8 aq 23'12"	4 sa 0' 5" rx	6 aq 41'23"	9 ar 56'41"	21 li 17'49" rx	27 sc 15'56" rx	27 cn 22'57" rx	26 ar 22'39"	18 pi 53'15"	1 cn 45'39"	15 ge 58'33"	24 pi 59'12"	8 sc 49'34" rx	3 sa 33' 1" rx
28 Mar	8 aq 26'24"	3 sa 58'56" rx	6 aq 43'32"	10 ar 4'14"	21 li 14'16" rx	27 sc 14'47" rx	27 cn 22'27" rx	26 ar 29' 2"	18 pi 56'52"	1 cn 50'17"	16 ge 0' 2"	25 pi 2'51"	8 sc 47'19" rx	3 sa 31'57" rx
29 Mar	8 aq 29'33"	3 sa 57'45" rx	6 aq 45'38"	10 ar 11'47"	21 li 10'42" rx	27 sc 13'35" rx	27 cn 22' 2" rx	26 ar 35'25"	19 pi 0'29"	1 cn 55' 4"	16 ge 1'33"	25 pi 6'28"	8 sc 45' 1" rx	3 sa 30'50" rx
30 Mar	8 aq 32'38"	3 sa 56'31" rx	6 aq 47'42"	10 ar 19'19"	21 li 7' 6" rx	27 sc 12'20" rx	27 cn 21'43" rx	26 ar 41'50"	19 pi 4' 4"	2 cn 0' 0"	16 ge 3' 7"	25 pi 10' 5"	8 sc 42'41" rx	3 sa 29'38" rx
31 Mar	8 aq 35'40"	3 sa 55'14" rx	6 aq 49'44"	10 ar 26'52"	21 li 3'29" rx	27 sc 11' 3" rx	27 cn 21'28" rx	26 ar 48'16"	19 pi 7'39"	2 cn 5' 4"	16 ge 4'43"	25 pi 13'41"	8 sc 40'19" rx	3 sa 28'23" rx
01 Apr	8 aq 38'38"	3 sa 53'54" rx	6 aq 51'42"	10 ar 34'24"	20 li 59'51" rx	27 sc 9'44" rx	27 cn 21'19" rx	26 ar 54'43"	19 pi 11'13"	2 cn 10'17"	16 ge 6'22"	25 pi 17'17"	8 sc 37'55" rx	3 sa 27' 4" rx
02 Apr	8 aq 41'33"	3 sa 52'32" rx	6 aq 53'39"	10 ar 41'55"	20 li 56'12" rx	27 sc 8'23" rx	27 cn 21'15" rx	27 ar 1'12"	19 pi 14'46"	2 cn 15'37"	16 ge 8' 3"	25 pi 20'52"	8 sc 35'28" rx	3 sa 25'42" rx
03 Apr	8 aq 44'25"	3 sa 51' 7" rx	6 aq 55'32"	10 ar 49'27"	20 li 52'32" rx	27 sc 6'59" rx	27 cn 21'17"	27 ar 7'41"	19 pi 18'18"	2 cn 21' 6"	16 ge 9'47"	25 pi 24'26"	8 sc 32'59" rx	3 sa 24'16" rx
04 Apr	8 aq 47'13"	3 sa 49'39" rx	6 aq 57'23"	10 ar 56'58"	20 li 48'52" rx	27 sc 5'33" rx	27 cn 21'23"	27 ar 14'11"	19 pi 21'48"	2 cn 26'44"	16 ge 11'33"	25 pi 28' 0"	8 sc 30'29" rx	3 sa 22'46" rx
05 Apr	8 aq 49'58"	3 sa 48' 8" rx	6 aq 59'11"	11 ar 4'29"	20 li 45'10" rx	27 sc 4' 5" rx	27 cn 21'35"	27 ar 20'42"	19 pi 25'18"	2 cn 32'29"	16 ge 13'21"	25 pi 31'32"	8 sc 27'56" rx	3 sa 21'13" rx
06 Apr	8 aq 52'39"	3 sa 46'35" rx	7 aq 0'57"	11 ar 11'59"	20 li 41'28" rx	27 sc 2'34" rx	27 cn 21'51"	27 ar 27'14"	19 pi 28'46"	2 cn 38'22"	16 ge 15'11"	25 pi 35' 4"	8 sc 25'22" rx	3 sa 19'36" rx
07 Apr	8 aq 55'16"	3 sa 45' 0" rx	7 aq 2'40"	11 ar 19'28"	20 li 37'46" rx	27 sc 1' 2" rx	27 cn 22'13"	27 ar 33'47"	19 pi 32'13"	2 cn 44'22"	16 ge 17' 4"	25 pi 38'34"	8 sc 22'46" rx	3 sa 17'55" rx
08 Apr	8 aq 57'50"	3 sa 43'21" rx	7 aq 4'19"	11 ar 26'56"	20 li 34' 3" rx	26 sc 59'27" rx	27 cn 22'40"	27 ar 40'20"	19 pi 35'39"	2 cn 50'30"	16 ge 18'58"	25 pi 42' 4"	8 sc 20' 8" rx	3 sa 16'11" rx
09 Apr	9 aq 0'20"	3 sa 41'41" rx	7 aq 5'57"	11 ar 34'24"	20 li 30'19" rx	26 sc 57'50" rx	27 cn 23'12"	27 ar 46'54"	19 pi 39' 3"	2 cn 56'46"	16 ge 20'55"	25 pi 45'32"	8 sc 17'28" rx	3 sa 14'24" rx

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
10 Apr	9 aq 2'46"	3 sa 39'57" rx	7 aq 7'31"	11 ar 41'50"	20 li 26'36" rx	26 sc 56'11" rx	27 cn 23'48"	27 ar 53'28"	19 pi 42'26"	3 cn 3' 9"	16 ge 22'54"	25 pi 48'59"	8 sc 14'47" rx	3 sa 12'33" rx
11 Apr	9 aq 5' 8"	3 sa 38'12" rx	7 aq 9' 2"	11 ar 49'16"	20 li 22'52" rx	26 sc 54'30" rx	27 cn 24'30"	28 ar 0' 3"	19 pi 45'47"	3 cn 9'40"	16 ge 24'55"	25 pi 52'25"	8 sc 12' 5" rx	3 sa 10'39" rx
12 Apr	9 aq 7'27"	3 sa 36'23" rx	7 aq 10'31"	11 ar 56'41"	20 li 19' 9" rx	26 sc 52'48" rx	27 cn 25'17"	28 ar 6'38"	19 pi 49' 7"	3 cn 16'18"	16 ge 26'58"	25 pi 55'50"	8 sc 9'21" rx	3 sa 8'42" rx
13 Apr	9 aq 9'41"	3 sa 34'33" rx	7 aq 11'57"	12 ar 4' 4"	20 li 15'26" rx	26 sc 51' 3" rx	27 cn 26' 9"	28 ar 13'13"	19 pi 52'25"	3 cn 23' 3"	16 ge 29' 3"	25 pi 59'14"	8 sc 6'36" rx	3 sa 6'42" rx
14 Apr	9 aq 11'52"	3 sa 32'40" rx	7 aq 13'20"	12 ar 11'27"	20 li 11'43" rx	26 sc 49'17" rx	27 cn 27' 5"	28 ar 19'49"	19 pi 55'42"	3 cn 29'55"	16 ge 31'10"	26 pi 2'36"	8 sc 3'49" rx	3 sa 4'38" rx
15 Apr	9 aq 14' 0"	3 sa 30'45" rx	7 aq 14'40"	12 ar 18'49"	20 li 8' 0" rx	26 sc 47'28" rx	27 cn 28' 7"	28 ar 26'25"	19 pi 58'57"	3 cn 36'54"	16 ge 33'19"	26 pi 5'57"	8 sc 1' 2" rx	3 sa 2'32" rx
16 Apr	9 aq 16' 3"	3 sa 28'48" rx	7 aq 15'57"	12 ar 26' 9"	20 li 4'18" rx	26 sc 45'39" rx	27 cn 29'14"	28 ar 33' 2"	20 pi 2'11"	3 cn 44' 0"	16 ge 35'30"	26 pi 9'17"	7 sc 58'13" rx	3 sa 0'23" rx
17 Apr	9 aq 18' 3"	3 sa 26'49" rx	7 aq 17'11"	12 ar 33'28"	20 li 0'37" rx	26 sc 43'47" rx	27 cn 30'25"	28 ar 39'38"	20 pi 5'24"	3 cn 51'13"	16 ge 37'43"	26 pi 12'36"	7 sc 55'24" rx	2 sa 58'10" rx
18 Apr	9 aq 19'58"	3 sa 24'48" rx	7 aq 18'23"	12 ar 40'46"	19 li 56'56" rx	26 sc 41'54" rx	27 cn 31'42"	28 ar 46'15"	20 pi 8'34"	3 cn 58'33"	16 ge 39'58"	26 pi 15'53"	7 sc 52'33" rx	2 sa 55'55" rx
19 Apr	9 aq 21'50"	3 sa 22'45" rx	7 aq 19'32"	12 ar 48' 2"	19 li 53'16" rx	26 sc 39'59" rx	27 cn 33' 3"	28 ar 52'51"	20 pi 11'43"	4 cn 6' 0"	16 ge 42'15"	26 pi 19' 9"	7 sc 49'42" rx	2 sa 53'38" rx
20 Apr	9 aq 23'38"	3 sa 20'40" rx	7 aq 20'37"	12 ar 55'17"	19 li 49'37" rx	26 sc 38' 3" rx	27 cn 34'30"	28 ar 59'27"	20 pi 14'50"	4 cn 13'33"	16 ge 44'34"	26 pi 22'24"	7 sc 46'51" rx	2 sa 51'17" rx
21 Apr	9 aq 25'22"	3 sa 18'33" rx	7 aq 21'40"	13 ar 2'31"	19 li 45'59" rx	26 sc 36' 5" rx	27 cn 36' 1"	29 ar 6' 4"	20 pi 17'56"	4 cn 21'13"	16 ge 46'54"	26 pi 25'36"	7 sc 43'58" rx	2 sa 48'54" rx
22 Apr	9 aq 27' 1"	3 sa 16'24" rx	7 aq 22'40"	13 ar 9'42"	19 li 42'22" rx	26 sc 34' 6" rx	27 cn 37'37"	29 ar 12'40"	20 pi 20'59"	4 cn 28'59"	16 ge 49'16"	26 pi 28'48"	7 sc 41' 5" rx	2 sa 46'28" rx
23 Apr	9 aq 28'37"	3 sa 14'12" rx	7 aq 23'36"	13 ar 16'53"	19 li 38'46" rx	26 sc 32' 5" rx	27 cn 39'17"	29 ar 19'16"	20 pi 24' 1"	4 cn 36'52"	16 ge 51'40"	26 pi 31'57"	7 sc 38'11" rx	2 sa 44' 0" rx
24 Apr	9 aq 30' 8"	3 sa 12' 0" rx	7 aq 24'30"	13 ar 24' 1"	19 li 35'12" rx	26 sc 30' 3" rx	27 cn 41' 2"	29 ar 25'51"	20 pi 27' 1"	4 cn 44'50"	16 ge 54' 6"	26 pi 35' 5"	7 sc 35'17" rx	2 sa 41'29" rx
25 Apr	9 aq 31'36"	3 sa 9'45" rx	7 aq 25'21"	13 ar 31' 8"	19 li 31'39" rx	26 sc 27'59" rx	27 cn 42'52"	29 ar 32'26"	20 pi 29'58"	4 cn 52'55"	16 ge 56'33"	26 pi 38'11"	7 sc 32'22" rx	2 sa 38'55" rx
26 Apr	9 aq 32'59"	3 sa 7'28" rx	7 aq 26' 8"	13 ar 38'12"	19 li 28' 7" rx	26 sc 25'54" rx	27 cn 44'47"	29 ar 39' 1"	20 pi 32'54"	5 cn 1' 7"	16 ge 59' 2"	26 pi 41'16"	7 sc 29'27" rx	2 sa 36'19" rx
27 Apr	9 aq 34'18"	3 sa 5'10" rx	7 aq 26'53"	13 ar 45'15"	19 li 24'38" rx	26 sc 23'48" rx	27 cn 46'46"	29 ar 45'35"	20 pi 35'48"	5 cn 9'24"	17 ge 1'33"	26 pi 44'18"	7 sc 26'32" rx	2 sa 33'41" rx
28 Apr	9 aq 35'33"	3 sa 2'51" rx	7 aq 27'34"	13 ar 52'16"	19 li 21'10" rx	26 sc 21'41" rx	27 cn 48'50"	29 ar 52' 9"	20 pi 38'40"	5 cn 17'47"	17 ge 4' 5"	26 pi 47'19"	7 sc 23'37" rx	2 sa 31' 1" rx
29 Apr	9 aq 36'44"	3 sa 0'30" rx	7 aq 28'13"	13 ar 59'15"	19 li 17'43" rx	26 sc 19'33" rx	27 cn 50'58"	29 ar 58'42"	20 pi 41'29"	5 cn 26'16"	17 ge 6'39"	26 pi 50'18"	7 sc 20'42" rx	2 sa 28'19" rx

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
30 Apr	9 aq 37'50"	2 sa 58' 7" rx	7 aq 28'48"	14 ar 6'12"	19 li 14'19" rx	26 sc 17'24" rx	27 cn 53'12"	0 ta 5'15"	20 pi 44'17"	5 cn 34'51"	17 ge 9'14"	26 pi 53'16"	7 sc 17'47" rx	2 sa 25'35" rx
01 May	9 aq 38'53"	2 sa 55'43" rx	7 aq 29'21"	14 ar 13' 7"	19 li 10'58" rx	26 sc 15'14" rx	27 cn 55'29"	0 ta 11'46"	20 pi 47' 3"	5 cn 43'32"	17 ge 11'51"	26 pi 56'11"	7 sc 14'53" rx	2 sa 22'49" rx
02 May	9 aq 39'51"	2 sa 53'18" rx	7 aq 29'50"	14 ar 19'59"	19 li 7'38" rx	26 sc 13' 3" rx	27 cn 57'52"	0 ta 18'17"	20 pi 49'46"	5 cn 52'18"	17 ge 14'29"	26 pi 59' 5"	7 sc 11'58" rx	2 sa 20' 1" rx
03 May	9 aq 40'45"	2 sa 50'51" rx	7 aq 30'16"	14 ar 26'49"	19 li 4'20" rx	26 sc 10'52" rx	28 cn 0'18"	0 ta 24'47"	20 pi 52'27"	6 cn 1' 9"	17 ge 17' 9"	27 pi 1'56"	7 sc 9' 4" rx	2 sa 17'11" rx
04 May	9 aq 41'35"	2 sa 48'24" rx	7 aq 30'40"	14 ar 33'37"	19 li 1' 5" rx	26 sc 8'39" rx	28 cn 2'49"	0 ta 31'16"	20 pi 55' 6"	6 cn 10' 6"	17 ge 19'50"	27 pi 4'45"	7 sc 6'11" rx	2 sa 14'20" rx
05 May	9 aq 42'21"	2 sa 45'55" rx	7 aq 31' 0"	14 ar 40'22"	18 li 57'53" rx	26 sc 6'26" rx	28 cn 5'24"	0 ta 37'44"	20 pi 57'42"	6 cn 19' 9"	17 ge 22'32"	27 pi 7'33"	7 sc 3'18" rx	2 sa 11'27" rx
06 May	9 aq 43' 2"	2 sa 43'25" rx	7 aq 31'17"	14 ar 47' 5"	18 li 54'42" rx	26 sc 4'12" rx	28 cn 8' 4"	0 ta 44'11"	21 pi 0'17"	6 cn 28'16"	17 ge 25'16"	27 pi 10'18"	7 sc 0'25" rx	2 sa 8'33" rx
07 May	9 aq 43'39"	2 sa 40'54" rx	7 aq 31'31"	14 ar 53'45"	18 li 51'35" rx	26 sc 1'57" rx	28 cn 10'47"	0 ta 50'37"	21 pi 2'48"	6 cn 37'28"	17 ge 28' 1"	27 pi 13' 1"	6 sc 57'33" rx	2 sa 5'37" rx
08 May	9 aq 44'12"	2 sa 38'21" rx	7 aq 31'42"	15 ar 0'23"	18 li 48'30" rx	25 sc 59'42" rx	28 cn 13'35"	0 ta 57' 1"	21 pi 5'18"	6 cn 46'46"	17 ge 30'47"	27 pi 15'42"	6 sc 54'42" rx	2 sa 2'39" rx
09 May	9 aq 44'41"	2 sa 35'48" rx	7 aq 31'49"	15 ar 6'58"	18 li 45'28" rx	25 sc 57'26" rx	28 cn 16'27"	1 ta 3'24"	21 pi 7'45"	6 cn 56' 8"	17 ge 33'34"	27 pi 18'20"	6 sc 51'52" rx	1 sa 59'41" rx
10 May	9 aq 45' 5"	2 sa 33'14" rx	7 aq 31'54"	15 ar 13'30"	18 li 42'29" rx	25 sc 55'10" rx	28 cn 19'23"	1 ta 9'46"	21 pi 10' 9"	7 cn 5'35"	17 ge 36'22"	27 pi 20'56"	6 sc 49' 3" rx	1 sa 56'41" rx
11 May	9 aq 45'25"	2 sa 30'40" rx	7 aq 31'56"	15 ar 19'59"	18 li 39'32" rx	25 sc 52'54" rx	28 cn 22'23"	1 ta 16' 6"	21 pi 12'31"	7 cn 15' 7"	17 ge 39'11"	27 pi 23'30"	6 sc 46'15" rx	1 sa 53'40" rx
12 May	9 aq 45'41"	2 sa 28' 4" rx	7 aq 31'55" rx	15 ar 26'26"	18 li 36'39" rx	25 sc 50'37" rx	28 cn 25'27"	1 ta 22'25"	21 pi 14'51"	7 cn 24'43"	17 ge 42' 2"	27 pi 26' 2"	6 sc 43'27" rx	1 sa 50'39" rx
13 May	9 aq 45'53"	2 sa 25'28" rx	7 aq 31'51" rx	15 ar 32'50"	18 li 33'49" rx	25 sc 48'20" rx	28 cn 28'35"	1 ta 28'43"	21 pi 17' 8"	7 cn 34'24"	17 ge 44'54"	27 pi 28'32"	6 sc 40'41" rx	1 sa 47'36" rx
14 May	9 aq 46' 1"	2 sa 22'52" rx	7 aq 31'43" rx	15 ar 39'11"	18 li 31' 3" rx	25 sc 46' 3" rx	28 cn 31'47"	1 ta 34'59"	21 pi 19'23"	7 cn 44'10"	17 ge 47'46"	27 pi 30'59"	6 sc 37'57" rx	1 sa 44'33" rx
15 May	9 aq 46' 5"	2 sa 20'15" rx	7 aq 31'33" rx	15 ar 45'29"	18 li 28'19" rx	25 sc 43'46" rx	28 cn 35' 3"	1 ta 41'14"	21 pi 21'35"	7 cn 54' 0"	17 ge 50'40"	27 pi 33'24"	6 sc 35'13" rx	1 sa 41'29" rx
16 May	9 aq 46' 4" rx	2 sa 17'37" rx	7 aq 31'20" rx	15 ar 51'44"	18 li 25'39" rx	25 sc 41'28" rx	28 cn 38'23"	1 ta 47'27"	21 pi 23'45"	8 cn 3'55"	17 ge 53'35"	27 pi 35'47"	6 sc 32'31" rx	1 sa 38'24" rx
17 May	9 aq 45'59" rx	2 sa 14'59" rx	7 aq 31' 4" rx	15 ar 57'56"	18 li 23' 2" rx	25 sc 39'11" rx	28 cn 41'47"	1 ta 53'38"	21 pi 25'52"	8 cn 13'53"	17 ge 56'30"	27 pi 38' 7"	6 sc 29'51" rx	1 sa 35'19" rx
18 May	9 aq 45'50" rx	2 sa 12'21" rx	7 aq 30'45" rx	16 ar 4' 5"	18 li 20'29" rx	25 sc 36'53" rx	28 cn 45'14"	1 ta 59'48"	21 pi 27'56"	8 cn 23'56"	17 ge 59'26"	27 pi 40'25"	6 sc 27'12" rx	1 sa 32'13" rx
19 May	9 aq 45'37" rx	2 sa 9'42" rx	7 aq 30'23" rx	16 ar 10'10"	18 li 17'59" rx	25 sc 34'36" rx	28 cn 48'45"	2 ta 5'56"	21 pi 29'58"	8 cn 34' 3"	18 ge 2'24"	27 pi 42'40"	6 sc 24'34" rx	1 sa 29' 7" rx

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
20 May	9 aq 45'20" rx	2 sa 7' 3" rx	7 aq 29'58" rx	16 ar 16'13"	18 li 15'33" rx	25 sc 32'19" rx	28 cn 52'20"	2 ta 12' 1"	21 pi 31'57"	8 cn 44'14"	18 ge 5'22"	27 pi 44'52"	6 sc 21'59" rx	1 sa 26' 1" rx
21 May	9 aq 44'58" rx	2 sa 4'24" rx	7 aq 29'30" rx	16 ar 22'12"	18 li 13'11" rx	25 sc 30' 2" rx	28 cn 55'58"	2 ta 18' 5"	21 pi 33'54"	8 cn 54'29"	18 ge 8'20"	27 pi 47' 2"	6 sc 19'24" rx	1 sa 22'54" rx
22 May	9 aq 44'32" rx	2 sa 1'44" rx	7 aq 28'59" rx	16 ar 28' 7"	18 li 10'52" rx	25 sc 27'45" rx	28 cn 59'39"	2 ta 24' 7"	21 pi 35'47"	9 cn 4'48"	18 ge 11'20"	27 pi 49'10"	6 sc 16'52" rx	1 sa 19'47" rx
23 May	9 aq 44' 2" rx	1 sa 59' 5" rx	7 aq 28'26" rx	16 ar 33'59"	18 li 8'36" rx	25 sc 25'28" rx	29 cn 3'24"	2 ta 30' 7"	21 pi 37'38"	9 cn 15'11"	18 ge 14'20"	27 pi 51'15"	6 sc 14'21" rx	1 sa 16'40" rx
24 May	9 aq 43'28" rx	1 sa 56'25" rx	7 aq 27'49" rx	16 ar 39'48"	18 li 6'25" rx	25 sc 23'11" rx	29 cn 7'13"	2 ta 36' 5"	21 pi 39'26"	9 cn 25'37"	18 ge 17'20"	27 pi 53'17"	6 sc 11'53" rx	1 sa 13'33" rx
25 May	9 aq 42'49" rx	1 sa 53'46" rx	7 aq 27' 9" rx	16 ar 45'33"	18 li 4'18" rx	25 sc 20'56" rx	29 cn 11' 5"	2 ta 42' 0"	21 pi 41'11"	9 cn 36' 8"	18 ge 20'22"	27 pi 55'16"	6 sc 9'26" rx	1 sa 10'26" rx
26 May	9 aq 42' 7" rx	1 sa 51' 6" rx	7 aq 26'26" rx	16 ar 51'15"	18 li 2'15" rx	25 sc 18'40" rx	29 cn 15' 1"	2 ta 47'54"	21 pi 42'53"	9 cn 46'42"	18 ge 23'24"	27 pi 57'13"	6 sc 7' 2" rx	1 sa 7'19" rx
27 May	9 aq 41'21" rx	1 sa 48'28" rx	7 aq 25'41" rx	16 ar 56'52"	18 li 0'15" rx	25 sc 16'25" rx	29 cn 19' 0"	2 ta 53'45"	21 pi 44'33"	9 cn 57'19"	18 ge 26'27"	27 pi 59' 7"	6 sc 4'39" rx	1 sa 4'13" rx
28 May	9 aq 40'30" rx	1 sa 45'49" rx	7 aq 24'53" rx	17 ar 2'27"	17 li 58'20" rx	25 sc 14'11" rx	29 cn 23' 2"	2 ta 59'34"	21 pi 46'10"	10 cn 8' 0"	18 ge 29'30"	28 pi 0'59"	6 sc 2'19" rx	1 sa 1' 7" rx
29 May	9 aq 39'36" rx	1 sa 43'11" rx	7 aq 24' 2" rx	17 ar 7'57"	17 li 56'30" rx	25 sc 11'58" rx	29 cn 27' 7"	3 ta 5'21"	21 pi 47'43"	10 cn 18'44"	18 ge 32'33"	28 pi 2'47"	6 sc 0' 2" rx	0 sa 58' 1" rx
30 May	9 aq 38'37" rx	1 sa 40'33" rx	7 aq 23' 8" rx	17 ar 13'23"	17 li 54'43" rx	25 sc 9'45" rx	29 cn 31'16"	3 ta 11' 5"	21 pi 49'14"	10 cn 29'32"	18 ge 35'38"	28 pi 4'33"	5 sc 57'47" rx	0 sa 54'57" rx
31 May	9 aq 37'35" rx	1 sa 37'55" rx	7 aq 22'12" rx	17 ar 18'46"	17 li 53' 1" rx	25 sc 7'33" rx	29 cn 35'28"	3 ta 16'46"	21 pi 50'42"	10 cn 40'23"	18 ge 38'42"	28 pi 6'16"	5 sc 55'34" rx	0 sa 51'53" rx
01 Jun	9 aq 36'29" rx	1 sa 35'18" rx	7 aq 21'13" rx	17 ar 24' 4"	17 li 51'22" rx	25 sc 5'22" rx	29 cn 39'42"	3 ta 22'25"	21 pi 52' 7"	10 cn 51'16"	18 ge 41'47"	28 pi 7'56"	5 sc 53'23" rx	0 sa 48'49" rx
02 Jun	9 aq 35'18" rx	1 sa 32'42" rx	7 aq 20'11" rx	17 ar 29'19"	17 li 49'49" rx	25 sc 3'11" rx	29 cn 44' 0"	3 ta 28' 1"	21 pi 53'29"	11 cn 2'13"	18 ge 44'52"	28 pi 9'33"	5 sc 51'15" rx	0 sa 45'47" rx
03 Jun	9 aq 34' 4" rx	1 sa 30' 6" rx	7 aq 19' 6" rx	17 ar 34'29"	17 li 48'19" rx	25 sc 1' 2" rx	29 cn 48'20"	3 ta 33'34"	21 pi 54'48"	11 cn 13'13"	18 ge 47'57"	28 pi 11' 7"	5 sc 49'10" rx	0 sa 42'45" rx
04 Jun	9 aq 32'46" rx	1 sa 27'31" rx	7 aq 17'59" rx	17 ar 39'35"	17 li 46'54" rx	24 sc 58'53" rx	29 cn 52'44"	3 ta 39' 5"	21 pi 56' 4"	11 cn 24'15"	18 ge 51' 3"	28 pi 12'39"	5 sc 47' 7" rx	0 sa 39'44" rx
05 Jun	9 aq 31'24" rx	1 sa 24'56" rx	7 aq 16'48" rx	17 ar 44'37"	17 li 45'33" rx	24 sc 56'46" rx	29 cn 57'10"	3 ta 44'32"	21 pi 57'17"	11 cn 35'20"	18 ge 54' 8"	28 pi 14' 7"	5 sc 45' 7" rx	0 sa 36'45" rx
06 Jun	9 aq 29'58" rx	1 sa 22'23" rx	7 aq 15'36" rx	17 ar 49'35"	17 li 44'17" rx	24 sc 54'39" rx	0 le 1'39"	3 ta 49'57"	21 pi 58'27"	11 cn 46'28"	18 ge 57'14"	28 pi 15'32"	5 sc 43'10" rx	0 sa 33'46" rx
07 Jun	9 aq 28'28" rx	1 sa 19'50" rx	7 aq 14'21" rx	17 ar 54'28"	17 li 43' 5" rx	24 sc 52'34" rx	0 le 6'10"	3 ta 55'19"	21 pi 59'33"	11 cn 57'38"	19 ge 0'20"	28 pi 16'55"	5 sc 41'15" rx	0 sa 30'49" rx
08 Jun	9 aq 26'55" rx	1 sa 17'19" rx	7 aq 13' 3" rx	17 ar 59'17"	17 li 41'58" rx	24 sc 50'30" rx	0 le 10'45"	4 ta 0'38"	22 pi 0'37"	12 cn 8'51"	19 ge 3'26"	28 pi 18'14"	5 sc 39'24" rx	0 sa 27'53" rx

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
09 Jun	9 aq 25'18" rx	1 sa 14'48" rx	7 aq 11'43" rx	18 ar 4' 2"	17 li 40'56" rx	24 sc 48'27" rx	0 le 15'22"	4 ta 5'54"	22 pi 1'38"	12 cn 20' 7"	19 ge 6'32"	28 pi 19'31"	5 sc 37'35" rx	0 sa 24'59" rx
10 Jun	9 aq 23'38" rx	1 sa 12'18" rx	7 aq 10'20" rx	18 ar 8'43"	17 li 39'58" rx	24 sc 46'26" rx	0 le 20' 1"	4 ta 11' 7"	22 pi 2'36"	12 cn 31'25"	19 ge 9'38"	28 pi 20'44"	5 sc 35'49" rx	0 sa 22' 6" rx
11 Jun	9 aq 21'54" rx	1 sa 9'50" rx	7 aq 8'55" rx	18 ar 13'19"	17 li 39' 5" rx	24 sc 44'26" rx	0 le 24'43"	4 ta 16'17"	22 pi 3'31"	12 cn 42'45"	19 ge 12'45"	28 pi 21'55"	5 sc 34' 7" rx	0 sa 19'15" rx
12 Jun	9 aq 20' 7" rx	1 sa 7'23" rx	7 aq 7'28" rx	18 ar 17'50"	17 li 38'16" rx	24 sc 42'27" rx	0 le 29'28"	4 ta 21'24"	22 pi 4'22"	12 cn 54' 8"	19 ge 15'51"	28 pi 23' 3"	5 sc 32'27" rx	0 sa 16'26" rx
13 Jun	9 aq 18'16" rx	1 sa 4'57" rx	7 aq 5'59" rx	18 ar 22'17"	17 li 37'32" rx	24 sc 40'30" rx	0 le 34'15"	4 ta 26'27"	22 pi 5'11"	13 cn 5'33"	19 ge 18'57"	28 pi 24' 7"	5 sc 30'51" rx	0 sa 13'38" rx
14 Jun	9 aq 16'22" rx	1 sa 2'33" rx	7 aq 4'27" rx	18 ar 26'40"	17 li 36'53" rx	24 sc 38'34" rx	0 le 39' 4"	4 ta 31'27"	22 pi 5'57"	13 cn 17' 0"	19 ge 22' 3"	28 pi 25' 9"	5 sc 29'17" rx	0 sa 10'52" rx
15 Jun	9 aq 14'24" rx	1 sa 0' 9" rx	7 aq 2'53" rx	18 ar 30'58"	17 li 36'18" rx	24 sc 36'40" rx	0 le 43'56"	4 ta 36'24"	22 pi 6'39"	13 cn 28'29"	19 ge 25' 9"	28 pi 26' 7"	5 sc 27'47" rx	0 sa 8' 8" rx
16 Jun	9 aq 12'23" rx	0 sa 57'47" rx	7 aq 1'16" rx	18 ar 35'11"	17 li 35'48" rx	24 sc 34'48" rx	0 le 48'49"	4 ta 41'18"	22 pi 7'18"	13 cn 40' 0"	19 ge 28'14"	28 pi 27' 2"	5 sc 26'20" rx	0 sa 5'26" rx
17 Jun	9 aq 10'19" rx	0 sa 55'27" rx	6 aq 59'37" rx	18 ar 39'19"	17 li 35'22" rx	24 sc 32'56" rx	0 le 53'45"	4 ta 46' 8"	22 pi 7'55"	13 cn 51'33"	19 ge 31'20"	28 pi 27'54"	5 sc 24'56" rx	0 sa 2'45" rx
18 Jun	9 aq 8'11" rx	0 sa 53' 7" rx	6 aq 57'56" rx	18 ar 43'22"	17 li 35' 2" rx	24 sc 31' 7" rx	0 le 58'43"	4 ta 50'54"	22 pi 8'27"	14 cn 3' 8"	19 ge 34'25"	28 pi 28'43"	5 sc 23'35" rx	0 sa 0' 7" rx
19 Jun	9 aq 6' 0" rx	0 sa 50'50" rx	6 aq 56'13" rx	18 ar 47'21"	17 li 34'45" rx	24 sc 29'19" rx	1 le 3'43"	4 ta 55'37"	22 pi 8'57"	14 cn 14'44"	19 ge 37'30"	28 pi 29'29"	5 sc 22'18" rx	29 sc 57'31" rx
20 Jun	9 aq 3'46" rx	0 sa 48'33" rx	6 aq 54'28" rx	18 ar 51'15"	17 li 34'34" rx	24 sc 27'33" rx	1 le 8'45"	5 ta 0'17"	22 pi 9'24"	14 cn 26'22"	19 ge 40'34"	28 pi 30'12"	5 sc 21' 3" rx	29 sc 54'57" rx
21 Jun	9 aq 1'29" rx	0 sa 46'19" rx	6 aq 52'40" rx	18 ar 55' 3"	17 li 34'28" rx	24 sc 25'48" rx	1 le 13'49"	5 ta 4'52"	22 pi 9'47"	14 cn 38' 3"	19 ge 43'38"	28 pi 30'51"	5 sc 19'53" rx	29 sc 52'25" rx
22 Jun	8 aq 59' 9" rx	0 sa 44' 6" rx	6 aq 50'51" rx	18 ar 58'47"	17 li 34'26"	24 sc 24' 6" rx	1 le 18'55"	5 ta 9'24"	22 pi 10' 8"	14 cn 49'44"	19 ge 46'42"	28 pi 31'28"	5 sc 18'45" rx	29 sc 49'56" rx
23 Jun	8 aq 56'45" rx	0 sa 41'55" rx	6 aq 49' 0" rx	19 ar 2'26"	17 li 34'29"	24 sc 22'26" rx	1 le 24' 4"	5 ta 13'53"	22 pi 10'25"	15 cn 1'28"	19 ge 49'45"	28 pi 32' 1"	5 sc 17'42" rx	29 sc 47'30" rx
24 Jun	8 aq 54'19" rx	0 sa 39'46" rx	6 aq 47' 6" rx	19 ar 6' 0"	17 li 34'37"	24 sc 20'47" rx	1 le 29'14"	5 ta 18'17"	22 pi 10'39"	15 cn 13'13"	19 ge 52'48"	28 pi 32'31"	5 sc 16'42" rx	29 sc 45' 6" rx
25 Jun	8 aq 51'51" rx	0 sa 37'39" rx	6 aq 45'11" rx	19 ar 9'28"	17 li 34'50"	24 sc 19'11" rx	1 le 34'25"	5 ta 22'38"	22 pi 10'50"	15 cn 24'59"	19 ge 55'50"	28 pi 32'58"	5 sc 15'45" rx	29 sc 42'44" rx
26 Jun	8 aq 49'19" rx	0 sa 35'34" rx	6 aq 43'14" rx	19 ar 12'52"	17 li 35' 8"	24 sc 17'36" rx	1 le 39'39"	5 ta 26'55"	22 pi 10'58"	15 cn 36'47"	19 ge 58'52"	28 pi 33'22"	5 sc 14'52" rx	29 sc 40'25" rx
27 Jun	8 aq 46'45" rx	0 sa 33'31" rx	6 aq 41'16" rx	19 ar 16'10"	17 li 35'30"	24 sc 16' 4" rx	1 le 44'54"	5 ta 31' 8"	22 pi 11' 3"	15 cn 48'36"	20 ge 1'54"	28 pi 33'42"	5 sc 14' 2" rx	29 sc 38' 9" rx
28 Jun	8 aq 44' 7" rx	0 sa 31'29" rx	6 aq 39'15" rx	19 ar 19'23"	17 li 35'57"	24 sc 14'33" rx	1 le 50'11"	5 ta 35'16"	22 pi 11' 5" rx	16 cn 0'26"	20 ge 4'54"	28 pi 33'59"	5 sc 13'16" rx	29 sc 35'56" rx

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
29 Jun	8 aq 41'28" rx	0 sa 29'30" rx	6 aq 37'13" rx	19 ar 22'30"	17 li 36'29"	24 sc 13' 5" rx	1 le 55'29"	5 ta 39'21"	22 pi 11' 3" rx	16 cn 12'17"	20 ge 7'54"	28 pi 34'13"	5 sc 12'34" rx	29 sc 33'45" rx
30 Jun	8 aq 38'45" rx	0 sa 27'33" rx	6 aq 35' 9" rx	19 ar 25'32"	17 li 37' 6"	24 sc 11'39" rx	2 le 0'48"	5 ta 43'21"	22 pi 10'58" rx	16 cn 24' 9"	20 ge 10'53"	28 pi 34'24"	5 sc 11'55" rx	29 sc 31'37" rx
01 Jul	8 aq 36' 1" rx	0 sa 25'37" rx	6 aq 33' 4" rx	19 ar 28'29"	17 li 37'48"	24 sc 10'14" rx	2 le 6' 9"	5 ta 47'17"	22 pi 10'50" rx	16 cn 36' 2"	20 ge 13'52"	28 pi 34'31"	5 sc 11'20" rx	29 sc 29'33" rx
02 Jul	8 aq 33'14" rx	0 sa 23'44" rx	6 aq 30'56" rx	19 ar 31'20"	17 li 38'34"	24 sc 8'53" rx	2 le 11'32"	5 ta 51' 9"	22 pi 10'39" rx	16 cn 47'56"	20 ge 16'49"	28 pi 34'36"	5 sc 10'49" rx	29 sc 27'31" rx
03 Jul	8 aq 30'24" rx	0 sa 21'54" rx	6 aq 28'48" rx	19 ar 34' 6"	17 li 39'25"	24 sc 7'33" rx	2 le 16'55"	5 ta 54'56"	22 pi 10'25" rx	16 cn 59'51"	20 ge 19'46"	28 pi 34'36" rx	5 sc 10'21" rx	29 sc 25'32" rx
04 Jul	8 aq 27'32" rx	0 sa 20' 5" rx	6 aq 26'38" rx	19 ar 36'46"	17 li 40'21"	24 sc 6'16" rx	2 le 22'20"	5 ta 58'39"	22 pi 10' 8" rx	17 cn 11'46"	20 ge 22'42"	28 pi 34'34" rx	5 sc 9'57" rx	29 sc 23'36" rx
05 Jul	8 aq 24'39" rx	0 sa 18'19" rx	6 aq 24'26" rx	19 ar 39'21"	17 li 41'21"	24 sc 5' 1" rx	2 le 27'46"	6 ta 2'18"	22 pi 9'47" rx	17 cn 23'42"	20 ge 25'37"	28 pi 34'29" rx	5 sc 9'37" rx	29 sc 21'44" rx
06 Jul	8 aq 21'43" rx	0 sa 16'35" rx	6 aq 22'14" rx	19 ar 41'50"	17 li 42'27"	24 sc 3'48" rx	2 le 33'14"	6 ta 5'53"	22 pi 9'24" rx	17 cn 35'39"	20 ge 28'31"	28 pi 34'20" rx	5 sc 9'20" rx	29 sc 19'55" rx
07 Jul	8 aq 18'45" rx	0 sa 14'53" rx	6 aq 20' 0" rx	19 ar 44'14"	17 li 43'37"	24 sc 2'38" rx	2 le 38'42"	6 ta 9'23"	22 pi 8'58" rx	17 cn 47'36"	20 ge 31'24"	28 pi 34' 9" rx	5 sc 9' 8" rx	29 sc 18' 9" rx
08 Jul	8 aq 15'46" rx	0 sa 13'14" rx	6 aq 17'45" rx	19 ar 46'32"	17 li 44'52"	24 sc 1'31" rx	2 le 44'12"	6 ta 12'48"	22 pi 8'28" rx	17 cn 59'34"	20 ge 34'16"	28 pi 33'54" rx	5 sc 8'59" rx	29 sc 16'26" rx
09 Jul	8 aq 12'44" rx	0 sa 11'38" rx	6 aq 15'29" rx	19 ar 48'44"	17 li 46'11"	24 sc 0'25" rx	2 le 49'42"	6 ta 16' 9"	22 pi 7'56" rx	18 cn 11'32"	20 ge 37' 8"	28 pi 33'36" rx	5 sc 8'54" rx	29 sc 14'47" rx
10 Jul	8 aq 9'41" rx	0 sa 10' 4" rx	6 aq 13'12" rx	19 ar 50'51"	17 li 47'35"	23 sc 59'23" rx	2 le 55'14"	6 ta 19'26"	22 pi 7'20" rx	18 cn 23'30"	20 ge 39'58"	28 pi 33'15" rx	5 sc 8'52"	29 sc 13'11" rx
11 Jul	8 aq 6'36" rx	0 sa 8'32" rx	6 aq 10'53" rx	19 ar 52'53"	17 li 49' 4"	23 sc 58'23" rx	3 le 0'46"	6 ta 22'38"	22 pi 6'42" rx	18 cn 35'29"	20 ge 42'47"	28 pi 32'51" rx	5 sc 8'55"	29 sc 11'39" rx
12 Jul	8 aq 3'30" rx	0 sa 7' 3" rx	6 aq 8'34" rx	19 ar 54'48"	17 li 50'37"	23 sc 57'25" rx	3 le 6'19"	6 ta 25'45"	22 pi 6' 1" rx	18 cn 47'28"	20 ge 45'35"	28 pi 32'24" rx	5 sc 9' 1"	29 sc 10'10" rx
13 Jul	8 aq 0'22" rx	0 sa 5'37" rx	6 aq 6'14" rx	19 ar 56'38"	17 li 52'15"	23 sc 56'30" rx	3 le 11'53"	6 ta 28'47"	22 pi 5'17" rx	18 cn 59'28"	20 ge 48'22"	28 pi 31'53" rx	5 sc 9'11"	29 sc 8'45" rx
14 Jul	7 aq 57'12" rx	0 sa 4'13" rx	6 aq 3'52" rx	19 ar 58'22"	17 li 53'58"	23 sc 55'37" rx	3 le 17'27"	6 ta 31'45"	22 pi 4'29" rx	19 cn 11'27"	20 ge 51' 8"	28 pi 31'20" rx	5 sc 9'25"	29 sc 7'23" rx
15 Jul	7 aq 54' 1" rx	0 sa 2'51" rx	6 aq 1'30" rx	20 ar 0' 0"	17 li 55'44"	23 sc 54'47" rx	3 le 23' 3"	6 ta 34'38"	22 pi 3'39" rx	19 cn 23'26"	20 ge 53'52"	28 pi 30'43" rx	5 sc 9'42"	29 sc 6' 4" rx
16 Jul	7 aq 50'49" rx	0 sa 1'32" rx	5 aq 59' 7" rx	20 ar 1'33"	17 li 57'36"	23 sc 53'59" rx	3 le 28'38"	6 ta 37'26"	22 pi 2'46" rx	19 cn 35'25"	20 ge 56'35"	28 pi 30' 3" rx	5 sc 10' 3"	29 sc 4'50" rx
17 Jul	7 aq 47'36" rx	0 sa 0'16" rx	5 aq 56'44" rx	20 ar 2'59"	17 li 59'32"	23 sc 53'14" rx	3 le 34'15"	6 ta 40' 9"	22 pi 1'50" rx	19 cn 47'24"	20 ge 59'17"	28 pi 29'20" rx	5 sc 10'28"	29 sc 3'38" rx
18 Jul	7 aq 44'21" rx	29 sc 59' 3" rx	5 aq 54'19" rx	20 ar 4'20"	18 li 1'32"	23 sc 52'31" rx	3 le 39'51"	6 ta 42'48"	22 pi 0'51" rx	19 cn 59'23"	21 ge 1'58"	28 pi 28'34" rx	5 sc 10'57"	29 sc 2'31" rx

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
19 Jul	7 aq 41' 5" rx	29 sc 57'52" rx	5 aq 51'54" rx	20 ar 5'35"	18 li 3'37"	23 sc 51'52" rx	3 le 45'29"	6 ta 45'21"	21 pi 59'49" rx	20 cn 11'22"	21 ge 4'37"	28 pi 27'45" rx	5 sc 11'30"	29 sc 1'27" rx
20 Jul	7 aq 37'49" rx	29 sc 56'44" rx	5 aq 49'29" rx	20 ar 6'44"	18 li 5'46"	23 sc 51'15" rx	3 le 51' 7"	6 ta 47'49"	21 pi 58'45" rx	20 cn 23'21"	21 ge 7'15"	28 pi 26'53" rx	5 sc 12' 7"	29 sc 0'27" rx
21 Jul	7 aq 34'31" rx	29 sc 55'39" rx	5 aq 47' 3" rx	20 ar 7'48"	18 li 8' 0"	23 sc 50'40" rx	3 le 56'45"	6 ta 50'13"	21 pi 57'37" rx	20 cn 35'19"	21 ge 9'52"	28 pi 25'57" rx	5 sc 12'47"	28 sc 59'31" rx
22 Jul	7 aq 31'13" rx	29 sc 54'37" rx	5 aq 44'36" rx	20 ar 8'45"	18 li 10'18"	23 sc 50' 9" rx	4 le 2'24"	6 ta 52'31"	21 pi 56'27" rx	20 cn 47'17"	21 ge 12'27"	28 pi 24'59" rx	5 sc 13'31"	28 sc 58'38" rx
23 Jul	7 aq 27'54" rx	29 sc 53'37" rx	5 aq 42'10" rx	20 ar 9'36"	18 li 12'41"	23 sc 49'40" rx	4 le 8' 2"	6 ta 54'45"	21 pi 55'15" rx	20 cn 59'15"	21 ge 15' 1"	28 pi 23'58" rx	5 sc 14'19"	28 sc 57'50" rx
24 Jul	7 aq 24'35" rx	29 sc 52'41" rx	5 aq 39'43" rx	20 ar 10'22"	18 li 15' 8"	23 sc 49'14" rx	4 le 13'42"	6 ta 56'53"	21 pi 53'59" rx	21 cn 11'12"	21 ge 17'33"	28 pi 22'54" rx	5 sc 15'11"	28 sc 57' 5" rx
25 Jul	7 aq 21'15" rx	29 sc 51'47" rx	5 aq 37'15" rx	20 ar 11' 1"	18 li 17'39"	23 sc 48'51" rx	4 le 19'21"	6 ta 58'55"	21 pi 52'41" rx	21 cn 23' 8"	21 ge 20' 4"	28 pi 21'47" rx	5 sc 16' 7"	28 sc 56'25" rx
26 Jul	7 aq 17'54" rx	29 sc 50'56" rx	5 aq 34'48" rx	20 ar 11'35"	18 li 20'15"	23 sc 48'31" rx	4 le 25' 0"	7 ta 0'53"	21 pi 51'20" rx	21 cn 35' 4"	21 ge 22'33"	28 pi 20'37" rx	5 sc 17' 6"	28 sc 55'48" rx
27 Jul	7 aq 14'33" rx	29 sc 50' 8" rx	5 aq 32'20" rx	20 ar 12' 2"	18 li 22'54"	23 sc 48'13" rx	4 le 30'39"	7 ta 2'45"	21 pi 49'57" rx	21 cn 46'58"	21 ge 25' 0"	28 pi 19'25" rx	5 sc 18'10"	28 sc 55'15" rx
28 Jul	7 aq 11'12" rx	29 sc 49'23" rx	5 aq 29'52" rx	20 ar 12'23"	18 li 25'38"	23 sc 47'58" rx	4 le 36'18"	7 ta 4'32"	21 pi 48'30" rx	21 cn 58'52"	21 ge 27'26"	28 pi 18' 9" rx	5 sc 19'17"	28 sc 54'46" rx
29 Jul	7 aq 7'50" rx	29 sc 48'41" rx	5 aq 27'24" rx	20 ar 12'39"	18 li 28'26"	23 sc 47'46" rx	4 le 41'57"	7 ta 6'14"	21 pi 47' 2" rx	22 cn 10'45"	21 ge 29'50"	28 pi 16'50" rx	5 sc 20'27"	28 sc 54'21" rx
30 Jul	7 aq 4'29" rx	29 sc 48' 2" rx	5 aq 24'56" rx	20 ar 12'48"	18 li 31'18"	23 sc 47'36" rx	4 le 47'35"	7 ta 7'50"	21 pi 45'30" rx	22 cn 22'36"	21 ge 32'12"	28 pi 15'29" rx	5 sc 21'42"	28 sc 54' 0" rx
31 Jul	7 aq 1' 8" rx	29 sc 47'25" rx	5 aq 22'28" rx	20 ar 12'51"	18 li 34'15"	23 sc 47'30" rx	4 le 53'14"	7 ta 9'21"	21 pi 43'57" rx	22 cn 34'27"	21 ge 34'33"	28 pi 14' 4" rx	5 sc 23' 0"	28 sc 53'43" rx
01 Aug	6 aq 57'46" rx	29 sc 46'52" rx	5 aq 20' 1" rx	20 ar 12'49"	18 li 37'15"	23 sc 47'26" rx	4 le 58'52"	7 ta 10'47"	21 pi 42'21" rx	22 cn 46'16"	21 ge 36'52"	28 pi 12'37" rx	5 sc 24'22"	28 sc 53'30" rx
02 Aug	6 aq 54'25" rx	29 sc 46'22" rx	5 aq 17'33" rx	20 ar 12'40"	18 li 40'19"	23 sc 47'26"	5 le 4'30"	7 ta 12' 7"	21 pi 40'42" rx	22 cn 58' 4"	21 ge 39' 9"	28 pi 11' 8" rx	5 sc 25'47"	28 sc 53'21" rx
03 Aug	6 aq 51' 5" rx	29 sc 45'55" rx	5 aq 15' 6" rx	20 ar 12'26"	18 li 43'28"	23 sc 47'28"	5 le 10' 7"	7 ta 13'21"	21 pi 39' 1" rx	23 cn 9'51"	21 ge 41'24"	28 pi 9'36" rx	5 sc 27'17"	28 sc 53'16" rx
04 Aug	6 aq 47'44" rx	29 sc 45'31" rx	5 aq 12'40" rx	20 ar 12' 6" rx	18 li 46'40"	23 sc 47'33"	5 le 15'45"	7 ta 14'31"	21 pi 37'18" rx	23 cn 21'37"	21 ge 43'37"	28 pi 8' 1" rx	5 sc 28'50"	28 sc 53'15"
05 Aug	6 aq 44'25" rx	29 sc 45'10" rx	5 aq 10'14" rx	20 ar 11'40" rx	18 li 49'56"	23 sc 47'41"	5 le 21'21"	7 ta 15'35"	21 pi 35'33" rx	23 cn 33'21"	21 ge 45'49"	28 pi 6'23" rx	5 sc 30'27"	28 sc 53'18"
06 Aug	6 aq 41' 6" rx	29 sc 44'52" rx	5 aq 7'48" rx	20 ar 11' 8" rx	18 li 53'16"	23 sc 47'52"	5 le 26'57"	7 ta 16'33"	21 pi 33'46" rx	23 cn 45' 4"	21 ge 47'59"	28 pi 4'44" rx	5 sc 32' 7"	28 sc 53'26"
07 Aug	6 aq 37'47" rx	29 sc 44'37" rx	5 aq 5'23" rx	20 ar 10'31" rx	18 li 56'40"	23 sc 48' 5"	5 le 32'33"	7 ta 17'27"	21 pi 31'56" rx	23 cn 56'45"	21 ge 50' 7"	28 pi 3' 1" rx	5 sc 33'51"	28 sc 53'37"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
08 Aug	6 aq 34'29" rx	29 sc 44'25" rx	5 aq 2'59" rx	20 ar 9'47" rx	19 li 0' 8"	23 sc 48'22"	5 le 38' 8"	7 ta 18'14"	21 pi 30' 4" rx	24 cn 8'24"	21 ge 52'12"	28 pi 1'16" rx	5 sc 35'39"	28 sc 53'53"
09 Aug	6 aq 31'13" rx	29 sc 44'16" rx	5 aq 0'35" rx	20 ar 8'58" rx	19 li 3'39"	23 sc 48'41"	5 le 43'42"	7 ta 18'56"	21 pi 28'11" rx	24 cn 20' 2"	21 ge 54'16"	27 pi 59'29" rx	5 sc 37'30"	28 sc 54'12"
10 Aug	6 aq 27'56" rx	29 sc 44'11" rx	4 aq 58'12" rx	20 ar 8' 3" rx	19 li 7'14"	23 sc 49' 3"	5 le 49'15"	7 ta 19'33"	21 pi 26'15" rx	24 cn 31'38"	21 ge 56'18"	27 pi 57'39" rx	5 sc 39'24"	28 sc 54'36"
11 Aug	6 aq 24'41" rx	29 sc 44' 8" rx	4 aq 55'49" rx	20 ar 7' 2" rx	19 li 10'53"	23 sc 49'28"	5 le 54'48"	7 ta 20' 4"	21 pi 24'17" rx	24 cn 43'12"	21 ge 58'18"	27 pi 55'47" rx	5 sc 41'22"	28 sc 55' 3"
12 Aug	6 aq 21'27" rx	29 sc 44' 8"	4 aq 53'27" rx	20 ar 5'55" rx	19 li 14'35"	23 sc 49'56"	6 le 0'19"	7 ta 20'29"	21 pi 22'17" rx	24 cn 54'44"	22 ge 0'15"	27 pi 53'53" rx	5 sc 43'24"	28 sc 55'35"
13 Aug	6 aq 18'14" rx	29 sc 44'11"	4 aq 51' 6" rx	20 ar 4'43" rx	19 li 18'20"	23 sc 50'27"	6 le 5'50"	7 ta 20'49"	21 pi 20'15" rx	25 cn 6'14"	22 ge 2'11"	27 pi 51'56" rx	5 sc 45'29"	28 sc 56'10"
14 Aug	6 aq 15' 2" rx	29 sc 44'17"	4 aq 48'46" rx	20 ar 3'25" rx	19 li 22'10"	23 sc 51' 0"	6 le 11'20"	7 ta 21' 3"	21 pi 18'11" rx	25 cn 17'42"	22 ge 4' 4"	27 pi 49'57" rx	5 sc 47'37"	28 sc 56'50"
15 Aug	6 aq 11'52" rx	29 sc 44'27"	4 aq 46'27" rx	20 ar 2' 1" rx	19 li 26' 2"	23 sc 51'37"	6 le 16'48"	7 ta 21'12"	21 pi 16' 6" rx	25 cn 29' 8"	22 ge 5'56"	27 pi 47'55" rx	5 sc 49'49"	28 sc 57'34"
16 Aug	6 aq 8'43" rx	29 sc 44'39"	4 aq 44' 9" rx	20 ar 0'32" rx	19 li 29'58"	23 sc 52'16"	6 le 22'16"	7 ta 21'15"	21 pi 13'59" rx	25 cn 40'32"	22 ge 7'45"	27 pi 45'52" rx	5 sc 52' 4"	28 sc 58'22"
17 Aug	6 aq 5'35" rx	29 sc 44'55"	4 aq 41'53" rx	19 ar 58'57" rx	19 li 33'58"	23 sc 52'58"	6 le 27'43"	7 ta 21'13" rx	21 pi 11'50" rx	25 cn 51'53"	22 ge 9'32"	27 pi 43'47" rx	5 sc 54'23"	28 sc 59'14"
18 Aug	6 aq 2'29" rx	29 sc 45'13"	4 aq 39'37" rx	19 ar 57'17" rx	19 li 38' 1"	23 sc 53'43"	6 le 33' 8"	7 ta 21' 5" rx	21 pi 9'39" rx	26 cn 3'13"	22 ge 11'17"	27 pi 41'39" rx	5 sc 56'45"	29 sc 0'10"
19 Aug	5 aq 59'25" rx	29 sc 45'35"	4 aq 37'23" rx	19 ar 55'31" rx	19 li 42' 7"	23 sc 54'31"	6 le 38'32"	7 ta 20'52" rx	21 pi 7'27" rx	26 cn 14'30"	22 ge 13' 0"	27 pi 39'30" rx	5 sc 59'11"	29 sc 1'10"
20 Aug	5 aq 56'23" rx	29 sc 46' 0"	4 aq 35'10" rx	19 ar 53'40" rx	19 li 46'17"	23 sc 55'22"	6 le 43'55"	7 ta 20'33" rx	21 pi 5'14" rx	26 cn 25'44"	22 ge 14'40"	27 pi 37'18" rx	6 sc 1'40"	29 sc 2'14"
21 Aug	5 aq 53'22" rx	29 sc 46'28"	4 aq 32'58" rx	19 ar 51'43" rx	19 li 50'30"	23 sc 56'15"	6 le 49'17"	7 ta 20' 8" rx	21 pi 2'58" rx	26 cn 36'56"	22 ge 16'18"	27 pi 35' 5" rx	6 sc 4'12"	29 sc 3'22"
22 Aug	5 aq 50'23" rx	29 sc 46'58"	4 aq 30'47" rx	19 ar 49'41" rx	19 li 54'46"	23 sc 57'12"	6 le 54'37"	7 ta 19'38" rx	21 pi 0'42" rx	26 cn 48' 5"	22 ge 17'54"	27 pi 32'50" rx	6 sc 6'47"	29 sc 4'34"
23 Aug	5 aq 47'26" rx	29 sc 47'32"	4 aq 28'38" rx	19 ar 47'34" rx	19 li 59' 5"	23 sc 58'11"	6 le 59'56"	7 ta 19' 2" rx	20 pi 58'24" rx	26 cn 59'11"	22 ge 19'27"	27 pi 30'33" rx	6 sc 9'26"	29 sc 5'50"
24 Aug	5 aq 44'31" rx	29 sc 48' 9"	4 aq 26'30" rx	19 ar 45'21" rx	20 li 3'27"	23 sc 59'13"	7 le 5'13"	7 ta 18'20" rx	20 pi 56' 4" rx	27 cn 10'15"	22 ge 20'58"	27 pi 28'14" rx	6 sc 12' 8"	29 sc 7'11"
25 Aug	5 aq 41'38" rx	29 sc 48'49"	4 aq 24'24" rx	19 ar 43' 3" rx	20 li 7'53"	24 sc 0'17"	7 le 10'28"	7 ta 17'33" rx	20 pi 53'43" rx	27 cn 21'15"	22 ge 22'27"	27 pi 25'53" rx	6 sc 14'52"	29 sc 8'35"
26 Aug	5 aq 38'47" rx	29 sc 49'32"	4 aq 22'19" rx	19 ar 40'40" rx	20 li 12'21"	24 sc 1'25"	7 le 15'42"	7 ta 16'41" rx	20 pi 51'21" rx	27 cn 32'13"	22 ge 23'53"	27 pi 23'31" rx	6 sc 17'40"	29 sc 10' 3"
27 Aug	5 aq 35'59" rx	29 sc 50'18"	4 aq 20'16" rx	19 ar 38'12" rx	20 li 16'52"	24 sc 2'35"	7 le 20'53"	7 ta 15'43" rx	20 pi 48'58" rx	27 cn 43' 7"	22 ge 25'17"	27 pi 21' 7" rx	6 sc 20'31"	29 sc 11'35"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
28 Aug	5 aq 33'13" rx	29 sc 51' 7"	4 aq 18'15" rx	19 ar 35'39" rx	20 li 21'26"	24 sc 3'48"	7 le 26' 4"	7 ta 14'39" rx	20 pi 46'34" rx	27 cn 53'58"	22 ge 26'38"	27 pi 18'41" rx	6 sc 23'26"	29 sc 13'11"
29 Aug	5 aq 30'29" rx	29 sc 51'59"	4 aq 16'16" rx	19 ar 33' 1" rx	20 li 26' 3"	24 sc 5' 3"	7 le 31'12"	7 ta 13'30" rx	20 pi 44' 9" rx	28 cn 4'46"	22 ge 27'57"	27 pi 16'15" rx	6 sc 26'23"	29 sc 14'50"
30 Aug	5 aq 27'49" rx	29 sc 52'53"	4 aq 14'18" rx	19 ar 30'19" rx	20 li 30'42"	24 sc 6'22"	7 le 36'19"	7 ta 12'16" rx	20 pi 41'43" rx	28 cn 15'30"	22 ge 29'13"	27 pi 13'46" rx	6 sc 29'23"	29 sc 16'34"
31 Aug	5 aq 25'10" rx	29 sc 53'51"	4 aq 12'22" rx	19 ar 27'31" rx	20 li 35'25"	24 sc 7'43"	7 le 41'23"	7 ta 10'56" rx	20 pi 39'16" rx	28 cn 26'11"	22 ge 30'27"	27 pi 11'17" rx	6 sc 32'26"	29 sc 18'22"
01 Sep	5 aq 22'35" rx	29 sc 54'52"	4 aq 10'28" rx	19 ar 24'39" rx	20 li 40'10"	24 sc 9' 7"	7 le 46'26"	7 ta 9'31" rx	20 pi 36'48" rx	28 cn 36'49"	22 ge 31'38"	27 pi 8'46" rx	6 sc 35'33"	29 sc 20'14"
02 Sep	5 aq 20' 2" rx	29 sc 55'56"	4 aq 8'36" rx	19 ar 21'43" rx	20 li 44'58"	24 sc 10'34"	7 le 51'27"	7 ta 8' 0" rx	20 pi 34'20" rx	28 cn 47'23"	22 ge 32'47"	27 pi 6'14" rx	6 sc 38'42"	29 sc 22' 9"
03 Sep	5 aq 17'32" rx	29 sc 57' 3"	4 aq 6'46" rx	19 ar 18'42" rx	20 li 49'48"	24 sc 12' 3"	7 le 56'25"	7 ta 6'25" rx	20 pi 31'51" rx	28 cn 57'53"	22 ge 33'54"	27 pi 3'41" rx	6 sc 41'54"	29 sc 24' 9"
04 Sep	5 aq 15' 4" rx	29 sc 58'13"	4 aq 4'59" rx	19 ar 15'37" rx	20 li 54'41"	24 sc 13'35"	8 le 1'22"	7 ta 4'44" rx	20 pi 29'21" rx	29 cn 8'20"	22 ge 34'58"	27 pi 1' 7" rx	6 sc 45' 9"	29 sc 26'12"
05 Sep	5 aq 12'40" rx	29 sc 59'26"	4 aq 3'13" rx	19 ar 12'27" rx	20 li 59'36"	24 sc 15'10"	8 le 6'16"	7 ta 2'58" rx	20 pi 26'51" rx	29 cn 18'42"	22 ge 35'59"	26 pi 58'32" rx	6 sc 48'26"	29 sc 28'19"
06 Sep	5 aq 10'19" rx	0 sa 0'41"	4 aq 1'29" rx	19 ar 9'14" rx	21 li 4'34"	24 sc 16'47"	8 le 11' 8"	7 ta 1' 7" rx	20 pi 24'20" rx	29 cn 29' 1"	22 ge 36'57"	26 pi 55'56" rx	6 sc 51'46"	29 sc 30'29"
07 Sep	5 aq 8' 0" rx	0 sa 1'59"	3 aq 59'47" rx	19 ar 5'56" rx	21 li 9'34"	24 sc 18'26"	8 le 15'57"	6 ta 59'11" rx	20 pi 21'49" rx	29 cn 39'16"	22 ge 37'53"	26 pi 53'19" rx	6 sc 55' 9"	29 sc 32'43"
08 Sep	5 aq 5'45" rx	0 sa 3'20"	3 aq 58' 8" rx	19 ar 2'34" rx	21 li 14'36"	24 sc 20' 8"	8 le 20'44"	6 ta 57' 9" rx	20 pi 19'17" rx	29 cn 49'27"	22 ge 38'47"	26 pi 50'41" rx	6 sc 58'35"	29 sc 35' 1"
09 Sep	5 aq 3'32" rx	0 sa 4'44"	3 aq 56'30" rx	18 ar 59' 8" rx	21 li 19'41"	24 sc 21'53"	8 le 25'29"	6 ta 55' 3" rx	20 pi 16'45" rx	29 cn 59'33"	22 ge 39'37"	26 pi 48' 2" rx	7 sc 2' 3"	29 sc 37'22"
10 Sep	5 aq 1'23" rx	0 sa 6'10"	3 aq 54'55" rx	18 ar 55'38" rx	21 li 24'47"	24 sc 23'40"	8 le 30'11"	6 ta 52'51" rx	20 pi 14'12" rx	0 le 9'35"	22 ge 40'25"	26 pi 45'23" rx	7 sc 5'33"	29 sc 39'47"
11 Sep	4 aq 59'17" rx	0 sa 7'40"	3 aq 53'22" rx	18 ar 52' 4" rx	21 li 29'56"	24 sc 25'29"	8 le 34'51"	6 ta 50'35" rx	20 pi 11'40" rx	0 le 19'33"	22 ge 41'11"	26 pi 42'43" rx	7 sc 9' 7"	29 sc 42'16"
12 Sep	4 aq 57'15" rx	0 sa 9'12"	3 aq 51'52" rx	18 ar 48'27" rx	21 li 35' 7"	24 sc 27'22"	8 le 39'28"	6 ta 48'14" rx	20 pi 9' 7" rx	0 le 29'27"	22 ge 41'54"	26 pi 40' 2" rx	7 sc 12'42"	29 sc 44'48"
13 Sep	4 aq 55'15" rx	0 sa 10'47"	3 aq 50'24" rx	18 ar 44'47" rx	21 li 40'21"	24 sc 29'16"	8 le 44' 3"	6 ta 45'48" rx	20 pi 6'35" rx	0 le 39'16"	22 ge 42'34"	26 pi 37'21" rx	7 sc 16'21"	29 sc 47'24"
14 Sep	4 aq 53'20" rx	0 sa 12'24"	3 aq 48'58" rx	18 ar 41' 3" rx	21 li 45'36"	24 sc 31'13"	8 le 48'35"	6 ta 43'17" rx	20 pi 4' 2" rx	0 le 49' 1"	22 ge 43'11"	26 pi 34'40" rx	7 sc 20' 1"	29 sc 50' 3"
15 Sep	4 aq 51'27" rx	0 sa 14' 5"	3 aq 47'35" rx	18 ar 37'16" rx	21 li 50'53"	24 sc 33'13"	8 le 53' 4"	6 ta 40'42" rx	20 pi 1'30" rx	0 le 58'41"	22 ge 43'46"	26 pi 31'58" rx	7 sc 23'45"	29 sc 52'46"
16 Sep	4 aq 49'38" rx	0 sa 15'48"	3 aq 46'14" rx	18 ar 33'26" rx	21 li 56'12"	24 sc 35'15"	8 le 57'31"	6 ta 38' 2" rx	19 pi 58'57" rx	1 le 8'17"	22 ge 44'18"	26 pi 29'15" rx	7 sc 27'30"	29 sc 55'32"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
17 Sep	4 aq 47'53" rx	0 sa 17'33"	3 aq 44'56" rx	18 ar 29'32" rx	22 li 1'33"	24 sc 37'19"	9 le 1'55"	6 ta 35'17" rx	19 pi 56'25" rx	1 le 17'47"	22 ge 44'48"	26 pi 26'33" rx	7 sc 31'18"	29 sc 58'22"
18 Sep	4 aq 46'11" rx	0 sa 19'21"	3 aq 43'40" rx	18 ar 25'35" rx	22 li 6'56"	24 sc 39'26"	9 le 6'16"	6 ta 32'28" rx	19 pi 53'53" rx	1 le 27'13"	22 ge 45'15"	26 pi 23'50" rx	7 sc 35' 8"	0 sa 1'15"
19 Sep	4 aq 44'33" rx	0 sa 21'12"	3 aq 42'27" rx	18 ar 21'36" rx	22 li 12'21"	24 sc 41'35"	9 le 10'33"	6 ta 29'34" rx	19 pi 51'21" rx	1 le 36'33"	22 ge 45'39"	26 pi 21' 7" rx	7 sc 39' 1"	0 sa 4'12"
20 Sep	4 aq 42'58" rx	0 sa 23' 6"	3 aq 41'17" rx	18 ar 17'34" rx	22 li 17'47"	24 sc 43'46"	9 le 14'48"	6 ta 26'36" rx	19 pi 48'49" rx	1 le 45'49"	22 ge 46' 0"	26 pi 18'24" rx	7 sc 42'55"	0 sa 7'11"
21 Sep	4 aq 41'27" rx	0 sa 25' 1"	3 aq 40' 9" rx	18 ar 13'29" rx	22 li 23'15"	24 sc 45'59"	9 le 19' 0"	6 ta 23'34" rx	19 pi 46'18" rx	1 le 54'58"	22 ge 46'18"	26 pi 15'41" rx	7 sc 46'52"	0 sa 10'14"
22 Sep	4 aq 40' 0" rx	0 sa 27' 0"	3 aq 39' 3" rx	18 ar 9'21" rx	22 li 28'44"	24 sc 48'15"	9 le 23' 8"	6 ta 20'27" rx	19 pi 43'48" rx	2 le 4' 3"	22 ge 46'34"	26 pi 12'58" rx	7 sc 50'51"	0 sa 13'21"
23 Sep	4 aq 38'37" rx	0 sa 29' 1"	3 aq 38' 1" rx	18 ar 5'12" rx	22 li 34'15"	24 sc 50'33"	9 le 27'14"	6 ta 17'16" rx	19 pi 41'18" rx	2 le 13' 2"	22 ge 46'46"	26 pi 10'15" rx	7 sc 54'51"	0 sa 16'30"
24 Sep	4 aq 37'18" rx	0 sa 31' 4"	3 aq 37' 1" rx	18 ar 1' 0" rx	22 li 39'48"	24 sc 52'53"	9 le 31'16"	6 ta 14' 1" rx	19 pi 38'49" rx	2 le 21'55"	22 ge 46'56"	26 pi 7'32" rx	7 sc 58'54"	0 sa 19'43"
25 Sep	4 aq 36' 2" rx	0 sa 33'10"	3 aq 36' 4" rx	17 ar 56'46" rx	22 li 45'22"	24 sc 55'15"	9 le 35'14"	6 ta 10'42" rx	19 pi 36'20" rx	2 le 30'43"	22 ge 47' 4"	26 pi 4'50" rx	8 sc 2'59"	0 sa 22'59"
26 Sep	4 aq 34'50" rx	0 sa 35'18"	3 aq 35' 9" rx	17 ar 52'30" rx	22 li 50'57"	24 sc 57'39"	9 le 39'10"	6 ta 7'20" rx	19 pi 33'53" rx	2 le 39'25"	22 ge 47' 8"	26 pi 2' 8" rx	8 sc 7' 6"	0 sa 26'18"
27 Sep	4 aq 33'43" rx	0 sa 37'29"	3 aq 34'18" rx	17 ar 48'12" rx	22 li 56'33"	25 sc 0' 6"	9 le 43' 2"	6 ta 3'54" rx	19 pi 31'26" rx	2 le 48' 2"	22 ge 47'10"	25 pi 59'27" rx	8 sc 11'15"	0 sa 29'40"
28 Sep	4 aq 32'39" rx	0 sa 39'42"	3 aq 33'30" rx	17 ar 43'53" rx	23 li 2'11"	25 sc 2'34"	9 le 46'51"	6 ta 0'24" rx	19 pi 29' 0" rx	2 le 56'32"	22 ge 47' 9" rx	25 pi 56'46" rx	8 sc 15'25"	0 sa 33' 5"
29 Sep	4 aq 31'40" rx	0 sa 41'57"	3 aq 32'44" rx	17 ar 39'32" rx	23 li 7'51"	25 sc 5' 5"	9 le 50'36"	5 ta 56'50" rx	19 pi 26'35" rx	3 le 4'56"	22 ge 47' 6" rx	25 pi 54' 6" rx	8 sc 19'38"	0 sa 36'33"
30 Sep	4 aq 30'44" rx	0 sa 44'15"	3 aq 32' 1" rx	17 ar 35'10" rx	23 li 13'31"	25 sc 7'38"	9 le 54'18"	5 ta 53'14" rx	19 pi 24'12" rx	3 le 13'15"	22 ge 46'59" rx	25 pi 51'26" rx	8 sc 23'52"	0 sa 40' 4"
01 Oct	4 aq 29'53" rx	0 sa 46'35"	3 aq 31'21" rx	17 ar 30'47" rx	23 li 19'12"	25 sc 10'12"	9 le 57'56"	5 ta 49'33" rx	19 pi 21'49" rx	3 le 21'27"	22 ge 46'51" rx	25 pi 48'48" rx	8 sc 28' 8"	0 sa 43'38"
02 Oct	4 aq 29' 6" rx	0 sa 48'57"	3 aq 30'45" rx	17 ar 26'22" rx	23 li 24'55"	25 sc 12'49"	10 le 1'30"	5 ta 45'50" rx	19 pi 19'28" rx	3 le 29'32"	22 ge 46'39" rx	25 pi 46'10" rx	8 sc 32'25"	0 sa 47'15"
03 Oct	4 aq 28'22" rx	0 sa 51'22"	3 aq 30'10" rx	17 ar 21'57" rx	23 li 30'38"	25 sc 15'27"	10 le 5' 1"	5 ta 42' 4" rx	19 pi 17' 8" rx	3 le 37'32"	22 ge 46'24" rx	25 pi 43'32" rx	8 sc 36'45"	0 sa 50'55"
04 Oct	4 aq 27'43" rx	0 sa 53'48"	3 aq 29'39" rx	17 ar 17'31" rx	23 li 36'22"	25 sc 18' 7"	10 le 8'28"	5 ta 38'14" rx	19 pi 14'49" rx	3 le 45'24"	22 ge 46' 7" rx	25 pi 40'56" rx	8 sc 41' 5"	0 sa 54'37"
05 Oct	4 aq 27' 8" rx	0 sa 56'17"	3 aq 29'11" rx	17 ar 13' 4" rx	23 li 42' 7"	25 sc 20'49"	10 le 11'51"	5 ta 34'21" rx	19 pi 12'31" rx	3 le 53'11"	22 ge 45'47" rx	25 pi 38'21" rx	8 sc 45'27"	0 sa 58'22"
06 Oct	4 aq 26'37" rx	0 sa 58'47"	3 aq 28'46" rx	17 ar 8'36" rx	23 li 47'52"	25 sc 23'33"	10 le 15'10"	5 ta 30'26" rx	19 pi 10'15" rx	4 le 0'50"	22 ge 45'24" rx	25 pi 35'46" rx	8 sc 49'50"	1 sa 2'10"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
07 Oct	4 aq 26'10" rx	1 sa 1'20"	3 aq 28'23" rx	17 ar 4' 8" rx	23 li 53'38"	25 sc 26'19"	10 le 18'26"	5 ta 26'28" rx	19 pi 8' 1" rx	4 le 8'23"	22 ge 44'59" rx	25 pi 33'13" rx	8 sc 54'15"	1 sa 6' 0"
08 Oct	4 aq 25'47" rx	1 sa 3'54"	3 aq 28' 4" rx	16 ar 59'40" rx	23 li 59'25"	25 sc 29' 6"	10 le 21'37"	5 ta 22'27" rx	19 pi 5'47" rx	4 le 15'49"	22 ge 44'31" rx	25 pi 30'41" rx	8 sc 58'41"	1 sa 9'53"
09 Oct	4 aq 25'29" rx	1 sa 6'31"	3 aq 27'47" rx	16 ar 55'12" rx	24 li 5'13"	25 sc 31'55"	10 le 24'45"	5 ta 18'24" rx	19 pi 3'36" rx	4 le 23' 8"	22 ge 44' 0" rx	25 pi 28'10" rx	9 sc 3' 9"	1 sa 13'48"
10 Oct	4 aq 25'14" rx	1 sa 9'10"	3 aq 27'34" rx	16 ar 50'44" rx	24 li 11' 1"	25 sc 34'46"	10 le 27'49"	5 ta 14'19" rx	19 pi 1'26" rx	4 le 30'20"	22 ge 43'27" rx	25 pi 25'41" rx	9 sc 7'38"	1 sa 17'46"
11 Oct	4 aq 25' 4" rx	1 sa 11'50"	3 aq 27'24" rx	16 ar 46'15" rx	24 li 16'50"	25 sc 37'38"	10 le 30'49"	5 ta 10'11" rx	18 pi 59'18" rx	4 le 37'25"	22 ge 42'51" rx	25 pi 23'13" rx	9 sc 12' 8"	1 sa 21'47"
12 Oct	4 aq 24'58" rx	1 sa 14'33"	3 aq 27'17" rx	16 ar 41'48" rx	24 li 22'40"	25 sc 40'32"	10 le 33'44"	5 ta 6' 2" rx	18 pi 57'12" rx	4 le 44'23"	22 ge 42'13" rx	25 pi 20'46" rx	9 sc 16'40"	1 sa 25'50"
13 Oct	4 aq 24'57"	1 sa 17'17"	3 aq 27'13" rx	16 ar 37'20" rx	24 li 28'30"	25 sc 43'28"	10 le 36'36"	5 ta 1'50" rx	18 pi 55' 7" rx	4 le 51'13"	22 ge 41'32" rx	25 pi 18'21" rx	9 sc 21'12"	1 sa 29'56"
14 Oct	4 aq 24'59"	1 sa 20' 3"	3 aq 27'11"	16 ar 32'54" rx	24 li 34'20"	25 sc 46'25"	10 le 39'23"	4 ta 57'37" rx	18 pi 53' 5" rx	4 le 57'56"	22 ge 40'48" rx	25 pi 15'57" rx	9 sc 25'46"	1 sa 34' 3"
15 Oct	4 aq 25' 6"	1 sa 22'51"	3 aq 27'13"	16 ar 28'27" rx	24 li 40'10"	25 sc 49'23"	10 le 42' 7"	4 ta 53'21" rx	18 pi 51' 4" rx	5 le 4'32"	22 ge 40' 2" rx	25 pi 13'35" rx	9 sc 30'21"	1 sa 38'13"
16 Oct	4 aq 25'17"	1 sa 25'41"	3 aq 27'18"	16 ar 24' 2" rx	24 li 46' 1"	25 sc 52'23"	10 le 44'45"	4 ta 49' 4" rx	18 pi 49' 5" rx	5 le 10'59"	22 ge 39'13" rx	25 pi 11'15" rx	9 sc 34'56"	1 sa 42'26"
17 Oct	4 aq 25'32"	1 sa 28'32"	3 aq 27'26"	16 ar 19'38" rx	24 li 51'51"	25 sc 55'25"	10 le 47'20"	4 ta 44'46" rx	18 pi 47' 8" rx	5 le 17'19"	22 ge 38'21" rx	25 pi 8'56" rx	9 sc 39'33"	1 sa 46'40"
18 Oct	4 aq 25'52"	1 sa 31'25"	3 aq 27'37"	16 ar 15'14" rx	24 li 57'42"	25 sc 58'28"	10 le 49'50"	4 ta 40'25" rx	18 pi 45'14" rx	5 le 23'31"	22 ge 37'27" rx	25 pi 6'39" rx	9 sc 44'10"	1 sa 50'57"
19 Oct	4 aq 26'15"	1 sa 34'20"	3 aq 27'51"	16 ar 10'52" rx	25 li 3'33"	26 sc 1'32"	10 le 52'16"	4 ta 36' 4" rx	18 pi 43'21" rx	5 le 29'35"	22 ge 36'31" rx	25 pi 4'24" rx	9 sc 48'49"	1 sa 55'15"
20 Oct	4 aq 26'43"	1 sa 37'16"	3 aq 28' 8"	16 ar 6'31" rx	25 li 9'24"	26 sc 4'37"	10 le 54'37"	4 ta 31'42" rx	18 pi 41'30" rx	5 le 35'31"	22 ge 35'32" rx	25 pi 2'11" rx	9 sc 53'28"	1 sa 59'36"
21 Oct	4 aq 27'15"	1 sa 40'14"	3 aq 28'28"	16 ar 2'12" rx	25 li 15'15"	26 sc 7'44"	10 le 56'53"	4 ta 27'18" rx	18 pi 39'42" rx	5 le 41'19"	22 ge 34'30" rx	24 pi 59'59" rx	9 sc 58' 7"	2 sa 3'59"
22 Oct	4 aq 27'52"	1 sa 43'13"	3 aq 28'51"	15 ar 57'55" rx	25 li 21' 6"	26 sc 10'52"	10 le 59' 6"	4 ta 22'54" rx	18 pi 37'56" rx	5 le 46'59"	22 ge 33'26" rx	24 pi 57'50" rx	10 sc 2'48"	2 sa 8'24"
23 Oct	4 aq 28'33"	1 sa 46'14"	3 aq 29'18"	15 ar 53'39" rx	25 li 26'56"	26 sc 14' 1"	11 le 1'13"	4 ta 18'29" rx	18 pi 36'13" rx	5 le 52'30"	22 ge 32'19" rx	24 pi 55'43" rx	10 sc 7'29"	2 sa 12'50"
24 Oct	4 aq 29'18"	1 sa 49'16"	3 aq 29'47"	15 ar 49'26" rx	25 li 32'46"	26 sc 17'12"	11 le 3'16"	4 ta 14' 4" rx	18 pi 34'32" rx	5 le 57'53"	22 ge 31'11" rx	24 pi 53'38" rx	10 sc 12'11"	2 sa 17'19"
25 Oct	4 aq 30' 7"	1 sa 52'20"	3 aq 30'20"	15 ar 45'14" rx	25 li 38'36"	26 sc 20'24"	11 le 5'15"	4 ta 9'38" rx	18 pi 32'53" rx	6 le 3' 7"	22 ge 29'59" rx	24 pi 51'36" rx	10 sc 16'53"	2 sa 21'50"
26 Oct	4 aq 31' 0"	1 sa 55'25"	3 aq 30'56"	15 ar 41' 5" rx	25 li 44'26"	26 sc 23'36"	11 le 7' 9"	4 ta 5'12" rx	18 pi 31'17" rx	6 le 8'12"	22 ge 28'46" rx	24 pi 49'35" rx	10 sc 21'36"	2 sa 26'22"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
27 Oct	4 aq 31'58"	1 sa 58'32"	3 aq 31'34"	15 ar 36'59" rx	25 li 50'15"	26 sc 26'50"	11 le 8'58"	4 ta 0'46" rx	18 pi 29'44" rx	6 le 13' 9"	22 ge 27'30" rx	24 pi 47'37" rx	10 sc 26'20"	2 sa 30'56"
28 Oct	4 aq 33' 0"	2 sa 1'40"	3 aq 32'16"	15 ar 32'55" rx	25 li 56' 4"	26 sc 30' 5"	11 le 10'42"	3 ta 56'19" rx	18 pi 28'13" rx	6 le 17'57"	22 ge 26'12" rx	24 pi 45'42" rx	10 sc 31' 4"	2 sa 35'32"
29 Oct	4 aq 34' 6"	2 sa 4'49"	3 aq 33' 1"	15 ar 28'53" rx	26 li 1'52"	26 sc 33'21"	11 le 12'22"	3 ta 51'53" rx	18 pi 26'44" rx	6 le 22'37"	22 ge 24'52" rx	24 pi 43'48" rx	10 sc 35'48"	2 sa 40' 9"
30 Oct	4 aq 35'17"	2 sa 7'59"	3 aq 33'49"	15 ar 24'55" rx	26 li 7'40"	26 sc 36'38"	11 le 13'57"	3 ta 47'28" rx	18 pi 25'19" rx	6 le 27' 7"	22 ge 23'30" rx	24 pi 41'58" rx	10 sc 40'32"	2 sa 44'48"
31 Oct	4 aq 36'31"	2 sa 11'10"	3 aq 34'40"	15 ar 20'59" rx	26 li 13'27"	26 sc 39'55"	11 le 15'27"	3 ta 43' 2" rx	18 pi 23'56" rx	6 le 31'28"	22 ge 22' 5" rx	24 pi 40' 9" rx	10 sc 45'17"	2 sa 49'28"
01 Nov	4 aq 37'50"	2 sa 14'22"	3 aq 35'34"	15 ar 17' 6" rx	26 li 19'12"	26 sc 43'13"	11 le 16'52"	3 ta 38'38" rx	18 pi 22'35" rx	6 le 35'40"	22 ge 20'38" rx	24 pi 38'23" rx	10 sc 50' 1"	2 sa 54'10"
02 Nov	4 aq 39'12"	2 sa 17'35"	3 aq 36'30"	15 ar 13'16" rx	26 li 24'58"	26 sc 46'33"	11 le 18'13"	3 ta 34'13" rx	18 pi 21'18" rx	6 le 39'43"	22 ge 19' 9" rx	24 pi 36'40" rx	10 sc 54'46"	2 sa 58'53"
03 Nov	4 aq 40'39"	2 sa 20'50"	3 aq 37'30"	15 ar 9'30" rx	26 li 30'42"	26 sc 49'52"	11 le 19'28"	3 ta 29'50" rx	18 pi 20' 3" rx	6 le 43'36"	22 ge 17'38" rx	24 pi 34'59" rx	10 sc 59'31"	3 sa 3'37"
04 Nov	4 aq 42' 9"	2 sa 24' 5"	3 aq 38'33"	15 ar 5'47" rx	26 li 36'25"	26 sc 53'13"	11 le 20'38"	3 ta 25'28" rx	18 pi 18'51" rx	6 le 47'20"	22 ge 16' 5" rx	24 pi 33'21" rx	11 sc 4'15"	3 sa 8'23"
05 Nov	4 aq 43'44"	2 sa 27'21"	3 aq 39'38"	15 ar 2' 7" rx	26 li 42' 7"	26 sc 56'34"	11 le 21'44"	3 ta 21' 7" rx	18 pi 17'42" rx	6 le 50'55"	22 ge 14'30" rx	24 pi 31'46" rx	11 sc 9' 0"	3 sa 13'10"
06 Nov	4 aq 45'23"	2 sa 30'38"	3 aq 40'47"	14 ar 58'32" rx	26 li 47'49"	26 sc 59'56"	11 le 22'45"	3 ta 16'47" rx	18 pi 16'35" rx	6 le 54'20"	22 ge 12'53" rx	24 pi 30'14" rx	11 sc 13'45"	3 sa 17'58"
07 Nov	4 aq 47' 5"	2 sa 33'56"	3 aq 41'59"	14 ar 55' 0" rx	26 li 53'29"	27 sc 3'18"	11 le 23'41"	3 ta 12'28" rx	18 pi 15'32" rx	6 le 57'36"	22 ge 11'14" rx	24 pi 28'44" rx	11 sc 18'29"	3 sa 22'47"
08 Nov	4 aq 48'52"	2 sa 37'15"	3 aq 43'13"	14 ar 51'31" rx	26 li 59' 8"	27 sc 6'42"	11 le 24'32"	3 ta 8'11" rx	18 pi 14'32" rx	7 le 0'43"	22 ge 9'34" rx	24 pi 27'17" rx	11 sc 23'14"	3 sa 27'38"
09 Nov	4 aq 50'43"	2 sa 40'35"	3 aq 44'31"	14 ar 48' 7" rx	27 li 4'46"	27 sc 10' 5"	11 le 25'18"	3 ta 3'56" rx	18 pi 13'35" rx	7 le 3'40"	22 ge 7'51" rx	24 pi 25'54" rx	11 sc 27'58"	3 sa 32'29"
10 Nov	4 aq 52'38"	2 sa 43'55"	3 aq 45'51"	14 ar 44'47" rx	27 li 10'23"	27 sc 13'30"	11 le 25'59"	2 ta 59'42" rx	18 pi 12'40" rx	7 le 6'27"	22 ge 6' 7" rx	24 pi 24'33" rx	11 sc 32'42"	3 sa 37'22"
11 Nov	4 aq 54'36"	2 sa 47'17"	3 aq 47'14"	14 ar 41'30" rx	27 li 15'59"	27 sc 16'54"	11 le 26'35"	2 ta 55'30" rx	18 pi 11'49" rx	7 le 9' 4"	22 ge 4'21" rx	24 pi 23'15" rx	11 sc 37'26"	3 sa 42'15"
12 Nov	4 aq 56'38"	2 sa 50'38"	3 aq 48'40"	14 ar 38'18" rx	27 li 21'33"	27 sc 20'19"	11 le 27' 6"	2 ta 51'20" rx	18 pi 11' 1" rx	7 le 11'31"	22 ge 2'33" rx	24 pi 21'59" rx	11 sc 42' 9"	3 sa 47'10"
13 Nov	4 aq 58'44"	2 sa 54' 1"	3 aq 50' 9"	14 ar 35'10" rx	27 li 27' 5"	27 sc 23'44"	11 le 27'32"	2 ta 47'12" rx	18 pi 10'16" rx	7 le 13'48"	22 ge 0'44" rx	24 pi 20'47" rx	11 sc 46'52"	3 sa 52' 5"
14 Nov	5 aq 0'54"	2 sa 57'23"	3 aq 51'40"	14 ar 32' 6" rx	27 li 32'36"	27 sc 27'10"	11 le 27'53"	2 ta 43' 6" rx	18 pi 9'33" rx	7 le 15'55"	21 ge 58'53" rx	24 pi 19'38" rx	11 sc 51'34"	3 sa 57' 1"
15 Nov	5 aq 3' 8"	3 sa 0'47"	3 aq 53'14"	14 ar 29' 7" rx	27 li 38' 6"	27 sc 30'36"	11 le 28' 9"	2 ta 39' 3" rx	18 pi 8'54" rx	7 le 17'52"	21 ge 57' 0" rx	24 pi 18'32" rx	11 sc 56'16"	4 sa 1'57"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
16 Nov	5 aq 5'25"	3 sa 4'10"	3 aq 54'51"	14 ar 26'13" rx	27 li 43'33"	27 sc 34' 2"	11 le 28'19"	2 ta 35' 2" rx	18 pi 8'18" rx	7 le 19'39"	21 ge 55' 6" rx	24 pi 17'29" rx	12 sc 0'57"	4 sa 6'54"
17 Nov	5 aq 7'46"	3 sa 7'34"	3 aq 56'31"	14 ar 23'23" rx	27 li 49' 0"	27 sc 37'28"	11 le 28'25"	2 ta 31' 3" rx	18 pi 7'45" rx	7 le 21'15"	21 ge 53'10" rx	24 pi 16'29" rx	12 sc 5'37"	4 sa 11'52"
18 Nov	5 aq 10'11"	3 sa 10'59"	3 aq 58'14"	14 ar 20'38" rx	27 li 54'24"	27 sc 40'54"	11 le 28'25" rx	2 ta 27' 8" rx	18 pi 7'16" rx	7 le 22'42"	21 ge 51'12" rx	24 pi 15'32" rx	12 sc 10'17"	4 sa 16'51"
19 Nov	5 aq 12'40"	3 sa 14'24"	3 aq 59'59"	14 ar 17'57" rx	27 li 59'46"	27 sc 44'21"	11 le 28'21" rx	2 ta 23'15" rx	18 pi 6'49" rx	7 le 23'57"	21 ge 49'14" rx	24 pi 14'38" rx	12 sc 14'56"	4 sa 21'50"
20 Nov	5 aq 15'12"	3 sa 17'49"	4 aq 1'47"	14 ar 15'22" rx	28 li 5' 7"	27 sc 47'47"	11 le 28'11" rx	2 ta 19'25" rx	18 pi 6'26" rx	7 le 25' 3"	21 ge 47'14" rx	24 pi 13'48" rx	12 sc 19'35"	4 sa 26'49"
21 Nov	5 aq 17'48"	3 sa 21'15"	4 aq 3'38"	14 ar 12'52" rx	28 li 10'26"	27 sc 51'14"	11 le 27'57" rx	2 ta 15'39" rx	18 pi 6' 7" rx	7 le 25'59"	21 ge 45'12" rx	24 pi 13' 1" rx	12 sc 24'12"	4 sa 31'49"
22 Nov	5 aq 20'27"	3 sa 24'41"	4 aq 5'31"	14 ar 10'27" rx	28 li 15'43"	27 sc 54'41"	11 le 27'37" rx	2 ta 11'56" rx	18 pi 5'50" rx	7 le 26'44"	21 ge 43'10" rx	24 pi 12'17" rx	12 sc 28'49"	4 sa 36'50"
23 Nov	5 aq 23'10"	3 sa 28' 7"	4 aq 7'27"	14 ar 8' 7" rx	28 li 20'57"	27 sc 58' 7"	11 le 27'12" rx	2 ta 8'16" rx	18 pi 5'37" rx	7 le 27'18"	21 ge 41' 6" rx	24 pi 11'37" rx	12 sc 33'24"	4 sa 41'51"
24 Nov	5 aq 25'57"	3 sa 31'33"	4 aq 9'25"	14 ar 5'52" rx	28 li 26'10"	28 sc 1'34"	11 le 26'42" rx	2 ta 4'39" rx	18 pi 5'27" rx	7 le 27'42"	21 ge 39' 2" rx	24 pi 11' 0" rx	12 sc 37'59"	4 sa 46'52"
25 Nov	5 aq 28'47"	3 sa 34'59"	4 aq 11'26"	14 ar 3'43" rx	28 li 31'21"	28 sc 5' 0"	11 le 26' 8" rx	2 ta 1' 6" rx	18 pi 5'21" rx	7 le 27'56"	21 ge 36'56" rx	24 pi 10'26" rx	12 sc 42'32"	4 sa 51'53"
26 Nov	5 aq 31'40"	3 sa 38'25"	4 aq 13'30"	14 ar 1'39" rx	28 li 36'29"	28 sc 8'26"	11 le 25'28" rx	1 ta 57'37" rx	18 pi 5'17" rx	7 le 27'59"	21 ge 34'49" rx	24 pi 9'55" rx	12 sc 47' 5"	4 sa 56'54"
27 Nov	5 aq 34'37"	3 sa 41'51"	4 aq 15'36"	13 ar 59'40" rx	28 li 41'34"	28 sc 11'52"	11 le 24'43" rx	1 ta 54'12" rx	18 pi 5'17" rx	7 le 27'52" rx	21 ge 32'41" rx	24 pi 9'28" rx	12 sc 51'36"	5 sa 1'55"
28 Nov	5 aq 37'37"	3 sa 45'17"	4 aq 17'44"	13 ar 57'47" rx	28 li 46'38"	28 sc 15'18"	11 le 23'53" rx	1 ta 50'50" rx	18 pi 5'21" rx	7 le 27'35" rx	21 ge 30'32" rx	24 pi 9' 5" rx	12 sc 56' 6"	5 sa 6'56"
29 Nov	5 aq 40'40"	3 sa 48'42"	4 aq 19'55"	13 ar 56' 0" rx	28 li 51'38"	28 sc 18'43"	11 le 22'58" rx	1 ta 47'33" rx	18 pi 5'27" rx	7 le 27' 7" rx	21 ge 28'23" rx	24 pi 8'44" rx	13 sc 0'34"	5 sa 11'57"
30 Nov	5 aq 43'46"	3 sa 52' 8"	4 aq 22' 8"	13 ar 54'17" rx	28 li 56'37"	28 sc 22' 7"	11 le 21'58" rx	1 ta 44'19" rx	18 pi 5'37" rx	7 le 26'28" rx	21 ge 26'12" rx	24 pi 8'27" rx	13 sc 5' 1"	5 sa 16'58"
01 Dec	5 aq 46'56"	3 sa 55'33"	4 aq 24'24"	13 ar 52'41" rx	29 li 1'32"	28 sc 25'31"	11 le 20'53" rx	1 ta 41'10" rx	18 pi 5'50" rx	7 le 25'39" rx	21 ge 24' 1" rx	24 pi 8'13" rx	13 sc 9'27"	5 sa 21'59"
02 Dec	5 aq 50' 8"	3 sa 58'58"	4 aq 26'42"	13 ar 51'10" rx	29 li 6'26"	28 sc 28'55"	11 le 19'44" rx	1 ta 38' 4" rx	18 pi 6' 6"	7 le 24'40" rx	21 ge 21'49" rx	24 pi 8' 3" rx	13 sc 13'51"	5 sa 26'59"
03 Dec	5 aq 53'24"	4 sa 2'23"	4 aq 29' 2"	13 ar 49'45" rx	29 li 11'16"	28 sc 32'18"	11 le 18'29" rx	1 ta 35' 4" rx	18 pi 6'26"	7 le 23'31" rx	21 ge 19'37" rx	24 pi 7'56" rx	13 sc 18'14"	5 sa 31'59"
04 Dec	5 aq 56'43"	4 sa 5'47"	4 aq 31'24"	13 ar 48'26" rx	29 li 16' 4"	28 sc 35'41"	11 le 17'10" rx	1 ta 32' 7" rx	18 pi 6'49"	7 le 22'12" rx	21 ge 17'24" rx	24 pi 7'53" rx	13 sc 22'35"	5 sa 36'59"
05 Dec	6 aq 0' 5"	4 sa 9'11"	4 aq 33'49"	13 ar 47'12" rx	29 li 20'49"	28 sc 39' 3"	11 le 15'46" rx	1 ta 29'16" rx	18 pi 7'16"	7 le 20'42" rx	21 ge 15'10" rx	24 pi 7'53"	13 sc 26'55"	5 sa 41'59"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
06 Dec	6 aq 3'29"	4 sa 12'35"	4 aq 36'16"	13 ar 46' 4" rx	29 li 25'31"	28 sc 42'25"	11 le 14'18" rx	1 ta 26'29" rx	18 pi 7'46"	7 le 19' 3" rx	21 ge 12'56" rx	24 pi 7'56"	13 sc 31'13"	5 sa 46'58"
07 Dec	6 aq 6'57"	4 sa 15'58"	4 aq 38'45"	13 ar 45' 2" rx	29 li 30'11"	28 sc 45'46"	11 le 12'45" rx	1 ta 23'46" rx	18 pi 8'19"	7 le 17'13" rx	21 ge 10'42" rx	24 pi 8' 3"	13 sc 35'29"	5 sa 51'57"
08 Dec	6 aq 10'28"	4 sa 19'21"	4 aq 41'16"	13 ar 44' 6" rx	29 li 34'48"	28 sc 49' 6"	11 le 11' 7" rx	1 ta 21' 8" rx	18 pi 8'56"	7 le 15'13" rx	21 ge 8'28" rx	24 pi 8'14"	13 sc 39'44"	5 sa 56'55"
09 Dec	6 aq 14' 1"	4 sa 22'43"	4 aq 43'49"	13 ar 43'16" rx	29 li 39'21"	28 sc 52'26"	11 le 9'24" rx	1 ta 18'35" rx	18 pi 9'35"	7 le 13' 3" rx	21 ge 6'13" rx	24 pi 8'27"	13 sc 43'57"	6 sa 1'53"
10 Dec	6 aq 17'37"	4 sa 26' 4"	4 aq 46'24"	13 ar 42'31" rx	29 li 43'51"	28 sc 55'44"	11 le 7'37" rx	1 ta 16' 7" rx	18 pi 10'18"	7 le 10'43" rx	21 ge 3'57" rx	24 pi 8'44"	13 sc 48' 8"	6 sa 6'50"
11 Dec	6 aq 21'16"	4 sa 29'25"	4 aq 49' 2"	13 ar 41'53" rx	29 li 48'19"	28 sc 59' 2"	11 le 5'45" rx	1 ta 13'43" rx	18 pi 11' 5"	7 le 8'13" rx	21 ge 1'42" rx	24 pi 9' 5"	13 sc 52'17"	6 sa 11'46"
12 Dec	6 aq 24'57"	4 sa 32'45"	4 aq 51'41"	13 ar 41'20" rx	29 li 52'43"	29 sc 2'19"	11 le 3'49" rx	1 ta 11'25" rx	18 pi 11'54"	7 le 5'33" rx	20 ge 59'26" rx	24 pi 9'29"	13 sc 56'24"	6 sa 16'41"
13 Dec	6 aq 28'41"	4 sa 36' 4"	4 aq 54'22"	13 ar 40'53" rx	29 li 57' 4"	29 sc 5'35"	11 le 1'48" rx	1 ta 9'11" rx	18 pi 12'47"	7 le 2'44" rx	20 ge 57'10" rx	24 pi 9'56"	14 sc 0'29"	6 sa 21'36"
14 Dec	6 aq 32'28"	4 sa 39'23"	4 aq 57' 5"	13 ar 40'32" rx	0 sc 1'21"	29 sc 8'49"	10 le 59'43" rx	1 ta 7' 3" rx	18 pi 13'43"	6 le 59'44" rx	20 ge 54'55" rx	24 pi 10'27"	14 sc 4'32"	6 sa 26'29"
15 Dec	6 aq 36'17"	4 sa 42'40"	4 aq 59'50"	13 ar 40'17" rx	0 sc 5'35"	29 sc 12' 3"	10 le 57'33" rx	1 ta 5' 0" rx	18 pi 14'42"	6 le 56'36" rx	20 ge 52'39" rx	24 pi 11' 1"	14 sc 8'33"	6 sa 31'22"
16 Dec	6 aq 40' 9"	4 sa 45'57"	5 aq 2'36"	13 ar 40' 8" rx	0 sc 9'46"	29 sc 15'16"	10 le 55'19" rx	1 ta 3' 2" rx	18 pi 15'44"	6 le 53'17" rx	20 ge 50'23" rx	24 pi 11'38"	14 sc 12'32"	6 sa 36'14"
17 Dec	6 aq 44' 3"	4 sa 49'13"	5 aq 5'25"	13 ar 40' 6"	0 sc 13'54"	29 sc 18'28"	10 le 53' 1" rx	1 ta 1' 9" rx	18 pi 16'50"	6 le 49'50" rx	20 ge 48' 8" rx	24 pi 12'19"	14 sc 16'28"	6 sa 41' 5"
18 Dec	6 aq 48' 0"	4 sa 52'28"	5 aq 8'15"	13 ar 40' 9"	0 sc 17'58"	29 sc 21'39"	10 le 50'39" rx	0 ta 59'22" rx	18 pi 17'59"	6 le 46'13" rx	20 ge 45'53" rx	24 pi 13' 4"	14 sc 20'23"	6 sa 45'54"
19 Dec	6 aq 51'59"	4 sa 55'42"	5 aq 11' 8"	13 ar 40'18"	0 sc 21'58"	29 sc 24'48"	10 le 48'12" rx	0 ta 57'41" rx	18 pi 19'11"	6 le 42'27" rx	20 ge 43'38" rx	24 pi 13'52"	14 sc 24'15"	6 sa 50'43"
20 Dec	6 aq 56' 0"	4 sa 58'55"	5 aq 14' 2"	13 ar 40'34"	0 sc 25'55"	29 sc 27'56"	10 le 45'42" rx	0 ta 56' 4" rx	18 pi 20'27"	6 le 38'32" rx	20 ge 41'24" rx	24 pi 14'43"	14 sc 28' 5"	6 sa 55'30"
21 Dec	7 aq 0' 4"	5 sa 2' 6"	5 aq 16'57"	13 ar 40'55"	0 sc 29'48"	29 sc 31' 4"	10 le 43' 8" rx	0 ta 54'34" rx	18 pi 21'46"	6 le 34'29" rx	20 ge 39'10" rx	24 pi 15'38"	14 sc 31'53"	7 sa 0'17"
22 Dec	7 aq 4'10"	5 sa 5'17"	5 aq 19'54"	13 ar 41'23"	0 sc 33'37"	29 sc 34' 9"	10 le 40'30" rx	0 ta 53' 9" rx	18 pi 23' 7"	6 le 30'16" rx	20 ge 36'56" rx	24 pi 16'36"	14 sc 35'38"	7 sa 5' 2"
23 Dec	7 aq 8'18"	5 sa 8'26"	5 aq 22'53"	13 ar 41'56"	0 sc 37'23"	29 sc 37'14"	10 le 37'47" rx	0 ta 51'49" rx	18 pi 24'32"	6 le 25'56" rx	20 ge 34'44" rx	24 pi 17'37"	14 sc 39'20"	7 sa 9'45"
24 Dec	7 aq 12'28"	5 sa 11'34"	5 aq 25'53"	13 ar 42'36"	0 sc 41' 5"	29 sc 40'17"	10 le 35' 2" rx	0 ta 50'35" rx	18 pi 26' 1"	6 le 21'27" rx	20 ge 32'31" rx	24 pi 18'42"	14 sc 43' 0"	7 sa 14'27"
25 Dec	7 aq 16'40"	5 sa 14'41"	5 aq 28'55"	13 ar 43'21"	0 sc 44'42"	29 sc 43'18"	10 le 32'12" rx	0 ta 49'27" rx	18 pi 27'32"	6 le 16'49" rx	20 ge 30'19" rx	24 pi 19'50"	14 sc 46'38"	7 sa 19' 7"

Date	Chiron	Pholus	Nessus	Asbolus	Chariklo	Hylonome	Elatus	Thereus	Pelion	Okyrhoe	Cyllarus	Bienor	Amycus	Crantor
26 Dec	7 aq 20'53"	5 sa 17'47"	5 aq 31'58"	13 ar 44'12"	0 sc 48'16"	29 sc 46'18"	10 le 29'19" rx	0 ta 48'24" rx	18 pi 29' 6"	6 le 12' 4" rx	20 ge 28' 8" rx	24 pi 21' 1"	14 sc 50'12"	7 sa 23'46"
27 Dec	7 aq 25' 9"	5 sa 20'50"	5 aq 35' 2"	13 ar 45' 9"	0 sc 51'46"	29 sc 49'16"	10 le 26'22" rx	0 ta 47'27" rx	18 pi 30'43"	6 le 7'11" rx	20 ge 25'58" rx	24 pi 22'15"	14 sc 53'44"	7 sa 28'23"
28 Dec	7 aq 29'27"	5 sa 23'53"	5 aq 38' 8"	13 ar 46'13"	0 sc 55'12"	29 sc 52'13"	10 le 23'22" rx	0 ta 46'36" rx	18 pi 32'23"	6 le 2'11" rx	20 ge 23'48" rx	24 pi 23'33"	14 sc 57'13"	7 sa 32'59"
29 Dec	7 aq 33'46"	5 sa 26'54"	5 aq 41'15"	13 ar 47'22"	0 sc 58'33"	29 sc 55' 8"	10 le 20'18" rx	0 ta 45'51" rx	18 pi 34' 6"	5 le 57' 3" rx	20 ge 21'40" rx	24 pi 24'54"	15 sc 0'39"	7 sa 37'32"
30 Dec	7 aq 38' 7"	5 sa 29'53"	5 aq 44'23"	13 ar 48'37"	1 sc 1'51"	29 sc 58' 2"	10 le 17'11" rx	0 ta 45'11" rx	18 pi 35'52"	5 le 51'48" rx	20 ge 19'32" rx	24 pi 26'18"	15 sc 4' 3"	7 sa 42' 5"
31 Dec	7 aq 42'30"	5 sa 32'52"	5 aq 47'33"	13 ar 49'58"	1 sc 5' 4"	0 sa 0'54"	10 le 14' 2" rx	0 ta 44'37" rx	18 pi 37'42"	5 le 46'27" rx	20 ge 17'26" rx	24 pi 27'46"	15 sc 7'24"	7 sa 46'35"
01 Jan	7 aq 46'55"	5 sa 35'48"	5 aq 50'44"	13 ar 51'25"	1 sc 8'14"	0 sa 3'44"	10 le 10'49" rx	0 ta 44' 9" rx	18 pi 39'34"	5 le 40'59" rx	20 ge 15'20" rx	24 pi 29'17"	15 sc 10'42"	7 sa 51' 3"

Daily Positions of named TNOs & Sedna, Midnight UT, 2006

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
01 Jan	17 ar 28'24"	5 ge 24' 3" rx	16 cn 8' 7" rx	11 sa 22'20"	13 li 39' 5"	3 sc 59'57"	15 sa 22'30"	3 sc 51'32"	27 le 45'37" rx	18 ta 42' 6" rx
02 Jan	17 ar 28'27"	5 ge 23' 5" rx	16 cn 6'55" rx	11 sa 23'44"	13 li 39'24"	4 sc 1'11"	15 sa 23'57"	3 sc 52'17"	27 le 44'52" rx	18 ta 41'46" rx
03 Jan	17 ar 28'33"	5 ge 22' 8" rx	16 cn 5'42" rx	11 sa 25' 8"	13 li 39'41"	4 sc 2'24"	15 sa 25'23"	3 sc 53' 1"	27 le 44' 6" rx	18 ta 41'26" rx
04 Jan	17 ar 28'40"	5 ge 21'12" rx	16 cn 4'29" rx	11 sa 26'31"	13 li 39'56"	4 sc 3'34"	15 sa 26'49"	3 sc 53'43"	27 le 43'20" rx	18 ta 41' 7" rx
05 Jan	17 ar 28'48"	5 ge 20'17" rx	16 cn 3'16" rx	11 sa 27'52"	13 li 40'10"	4 sc 4'43"	15 sa 28'14"	3 sc 54'24"	27 le 42'32" rx	18 ta 40'48" rx
06 Jan	17 ar 28'58"	5 ge 19'23" rx	16 cn 2' 3" rx	11 sa 29'14"	13 li 40'22"	4 sc 5'49"	15 sa 29'38"	3 sc 55' 4"	27 le 41'43" rx	18 ta 40'30" rx
07 Jan	17 ar 29' 9"	5 ge 18'29" rx	16 cn 0'50" rx	11 sa 30'34"	13 li 40'33"	4 sc 6'53"	15 sa 31' 2"	3 sc 55'42"	27 le 40'53" rx	18 ta 40'13" rx
08 Jan	17 ar 29'22"	5 ge 17'37" rx	15 cn 59'37" rx	11 sa 31'54"	13 li 40'42"	4 sc 7'56"	15 sa 32'25"	3 sc 56'19"	27 le 40' 2" rx	18 ta 39'57" rx
09 Jan	17 ar 29'37"	5 ge 16'46" rx	15 cn 58'24" rx	11 sa 33'13"	13 li 40'49"	4 sc 8'56"	15 sa 33'47"	3 sc 56'54"	27 le 39'10" rx	18 ta 39'41" rx
10 Jan	17 ar 29'53"	5 ge 15'57" rx	15 cn 57'11" rx	11 sa 34'31"	13 li 40'55"	4 sc 9'55"	15 sa 35' 8"	3 sc 57'29"	27 le 38'18" rx	18 ta 39'25" rx
11 Jan	17 ar 30'11"	5 ge 15' 8" rx	15 cn 55'58" rx	11 sa 35'48"	13 li 40'59"	4 sc 10'51"	15 sa 36'29"	3 sc 58' 2"	27 le 37'24" rx	18 ta 39'11" rx
12 Jan	17 ar 30'30"	5 ge 14'20" rx	15 cn 54'45" rx	11 sa 37' 4"	13 li 41' 2"	4 sc 11'46"	15 sa 37'49"	3 sc 58'33"	27 le 36'30" rx	18 ta 38'57" rx
13 Jan	17 ar 30'50"	5 ge 13'34" rx	15 cn 53'33" rx	11 sa 38'20"	13 li 41' 3"	4 sc 12'38"	15 sa 39' 8"	3 sc 59' 3"	27 le 35'35" rx	18 ta 38'43" rx
14 Jan	17 ar 31'13"	5 ge 12'49" rx	15 cn 52'21" rx	11 sa 39'34"	13 li 41' 3" rx	4 sc 13'29"	15 sa 40'27"	3 sc 59'32"	27 le 34'39" rx	18 ta 38'31" rx
15 Jan	17 ar 31'36"	5 ge 12' 4" rx	15 cn 51' 9" rx	11 sa 40'48"	13 li 41' 1" rx	4 sc 14'17"	15 sa 41'44"	4 sc 0' 0"	27 le 33'42" rx	18 ta 38'19" rx
16 Jan	17 ar 32' 1"	5 ge 11'21" rx	15 cn 49'57" rx	11 sa 42' 1"	13 li 40'57" rx	4 sc 15' 3"	15 sa 43' 1"	4 sc 0'26"	27 le 32'44" rx	18 ta 38' 7" rx
17 Jan	17 ar 32'28"	5 ge 10'40" rx	15 cn 48'45" rx	11 sa 43'12"	13 li 40'52" rx	4 sc 15'47"	15 sa 44'16"	4 sc 0'50"	27 le 31'46" rx	18 ta 37'57" rx
18 Jan	17 ar 32'56"	5 ge 9'59" rx	15 cn 47'34" rx	11 sa 44'23"	13 li 40'45" rx	4 sc 16'28"	15 sa 45'31"	4 sc 1'13"	27 le 30'46" rx	18 ta 37'46" rx

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
19 Jan	17 ar 33'26"	5 ge 9'19" rx	15 cn 46'23" rx	11 sa 45'32"	13 li 40'36" rx	4 sc 17' 8"	15 sa 46'45"	4 sc 1'35"	27 le 29'46" rx	18 ta 37'37" rx
20 Jan	17 ar 33'56"	5 ge 8'41" rx	15 cn 45'12" rx	11 sa 46'41"	13 li 40'26" rx	4 sc 17'45"	15 sa 47'58"	4 sc 1'55"	27 le 28'46" rx	18 ta 37'28" rx
21 Jan	17 ar 34'29"	5 ge 8' 4" rx	15 cn 44' 1" rx	11 sa 47'48"	13 li 40'15" rx	4 sc 18'21"	15 sa 49'10"	4 sc 2'14"	27 le 27'44" rx	18 ta 37'20" rx
22 Jan	17 ar 35' 3"	5 ge 7'28" rx	15 cn 42'51" rx	11 sa 48'55"	13 li 40' 1" rx	4 sc 18'54"	15 sa 50'20"	4 sc 2'31"	27 le 26'42" rx	18 ta 37'13" rx
23 Jan	17 ar 35'38"	5 ge 6'54" rx	15 cn 41'41" rx	11 sa 50' 0"	13 li 39'47" rx	4 sc 19'25"	15 sa 51'30"	4 sc 2'47"	27 le 25'39" rx	18 ta 37' 6" rx
24 Jan	17 ar 36'15"	5 ge 6'21" rx	15 cn 40'32" rx	11 sa 51' 5"	13 li 39'31" rx	4 sc 19'54"	15 sa 52'39"	4 sc 3' 1"	27 le 24'36" rx	18 ta 37' 0" rx
25 Jan	17 ar 36'53"	5 ge 5'49" rx	15 cn 39'24" rx	11 sa 52' 8"	13 li 39'13" rx	4 sc 20'21"	15 sa 53'48"	4 sc 3'15"	27 le 23'32" rx	18 ta 36'55" rx
26 Jan	17 ar 37'33"	5 ge 5'19" rx	15 cn 38'16" rx	11 sa 53'10"	13 li 38'54" rx	4 sc 20'45"	15 sa 54'55"	4 sc 3'26"	27 le 22'28" rx	18 ta 36'50" rx
27 Jan	17 ar 38'14"	5 ge 4'50" rx	15 cn 37' 8" rx	11 sa 54'11"	13 li 38'33" rx	4 sc 21' 8"	15 sa 56' 1"	4 sc 3'37"	27 le 21'23" rx	18 ta 36'47" rx
28 Jan	17 ar 38'57"	5 ge 4'23" rx	15 cn 36' 1" rx	11 sa 55'11"	13 li 38'11" rx	4 sc 21'28"	15 sa 57' 6"	4 sc 3'46"	27 le 20'18" rx	18 ta 36'44" rx
29 Jan	17 ar 39'41"	5 ge 3'56" rx	15 cn 34'55" rx	11 sa 56'10"	13 li 37'47" rx	4 sc 21'46"	15 sa 58' 9"	4 sc 3'53"	27 le 19'12" rx	18 ta 36'41" rx
30 Jan	17 ar 40'27"	5 ge 3'31" rx	15 cn 33'49" rx	11 sa 57' 8"	13 li 37'22" rx	4 sc 22' 2"	15 sa 59'12"	4 sc 3'59"	27 le 18' 5" rx	18 ta 36'40" rx
31 Jan	17 ar 41'14"	5 ge 3' 8" rx	15 cn 32'44" rx	11 sa 58' 4"	13 li 36'55" rx	4 sc 22'16"	16 sa 0'14"	4 sc 4' 4"	27 le 16'58" rx	18 ta 36'39" rx
01 Feb	17 ar 42' 2"	5 ge 2'46" rx	15 cn 31'39" rx	11 sa 58'59"	13 li 36'27" rx	4 sc 22'27"	16 sa 1'14"	4 sc 4' 6"	27 le 15'51" rx	18 ta 36'38"
02 Feb	17 ar 42'51"	5 ge 2'25" rx	15 cn 30'35" rx	11 sa 59'53"	13 li 35'57" rx	4 sc 22'36"	16 sa 2'13"	4 sc 4' 8"	27 le 14'43" rx	18 ta 36'39"
03 Feb	17 ar 43'42"	5 ge 2' 6" rx	15 cn 29'32" rx	12 sa 0'45"	13 li 35'26" rx	4 sc 22'43"	16 sa 3'11"	4 sc 4' 8" rx	27 le 13'35" rx	18 ta 36'40"
04 Feb	17 ar 44'34"	5 ge 1'48" rx	15 cn 28'29" rx	12 sa 1'36"	13 li 34'53" rx	4 sc 22'48"	16 sa 4' 7"	4 sc 4' 6" rx	27 le 12'26" rx	18 ta 36'42"
05 Feb	17 ar 45'27"	5 ge 1'31" rx	15 cn 27'27" rx	12 sa 2'26"	13 li 34'19" rx	4 sc 22'50"	16 sa 5' 3"	4 sc 4' 4" rx	27 le 11'17" rx	18 ta 36'44"
06 Feb	17 ar 46'22"	5 ge 1'16" rx	15 cn 26'26" rx	12 sa 3'15"	13 li 33'44" rx	4 sc 22'51" rx	16 sa 5'57"	4 sc 3'59" rx	27 le 10' 8" rx	18 ta 36'48"
07 Feb	17 ar 47'18"	5 ge 1' 3" rx	15 cn 25'26" rx	12 sa 4' 2"	13 li 33' 7" rx	4 sc 22'49" rx	16 sa 6'50"	4 sc 3'54" rx	27 le 8'59" rx	18 ta 36'52"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
08 Feb	17 ar 48'15"	5 ge 0'51" rx	15 cn 24'27" rx	12 sa 4'49"	13 li 32'29" rx	4 sc 22'46" rx	16 sa 7'42"	4 sc 3'47" rx	27 le 7'49" rx	18 ta 36'57"
09 Feb	17 ar 49'14"	5 ge 0'40" rx	15 cn 23'28" rx	12 sa 5'34"	13 li 31'50" rx	4 sc 22'40" rx	16 sa 8'33"	4 sc 3'39" rx	27 le 6'40" rx	18 ta 37' 2"
10 Feb	17 ar 50'14"	5 ge 0'31" rx	15 cn 22'31" rx	12 sa 6'17"	13 li 31' 9" rx	4 sc 22'32" rx	16 sa 9'23"	4 sc 3'29" rx	27 le 5'30" rx	18 ta 37' 8"
11 Feb	17 ar 51'15"	5 ge 0'23" rx	15 cn 21'34" rx	12 sa 6'59"	13 li 30'27" rx	4 sc 22'21" rx	16 sa 10'11"	4 sc 3'18" rx	27 le 4'20" rx	18 ta 37'15"
12 Feb	17 ar 52'17"	5 ge 0'17" rx	15 cn 20'38" rx	12 sa 7'40"	13 li 29'44" rx	4 sc 22' 9" rx	16 sa 10'58"	4 sc 3' 5" rx	27 le 3' 9" rx	18 ta 37'23"
13 Feb	17 ar 53'20"	5 ge 0'12" rx	15 cn 19'43" rx	12 sa 8'20"	13 li 28'59" rx	4 sc 21'55" rx	16 sa 11'43"	4 sc 2'51" rx	27 le 1'59" rx	18 ta 37'31"
14 Feb	17 ar 54'25"	5 ge 0' 9" rx	15 cn 18'49" rx	12 sa 8'58"	13 li 28'13" rx	4 sc 21'38" rx	16 sa 12'27"	4 sc 2'36" rx	27 le 0'49" rx	18 ta 37'40"
15 Feb	17 ar 55'30"	5 ge 0' 7" rx	15 cn 17'56" rx	12 sa 9'34"	13 li 27'26" rx	4 sc 21'19" rx	16 sa 13'10"	4 sc 2'19" rx	26 le 59'38" rx	18 ta 37'50"
16 Feb	17 ar 56'37"	5 ge 0' 7" rx	15 cn 17' 4" rx	12 sa 10' 9"	13 li 26'37" rx	4 sc 20'58" rx	16 sa 13'52"	4 sc 2' 0" rx	26 le 58'27" rx	18 ta 38' 0"
17 Feb	17 ar 57'45"	5 ge 0' 8" rx	15 cn 16'13" rx	12 sa 10'43"	13 li 25'48" rx	4 sc 20'35" rx	16 sa 14'32"	4 sc 1'41" rx	26 le 57'17" rx	18 ta 38'12"
18 Feb	17 ar 58'54"	5 ge 0'10" rx	15 cn 15'23" rx	12 sa 11'16"	13 li 24'57" rx	4 sc 20'10" rx	16 sa 15'11"	4 sc 1'20" rx	26 le 56' 6" rx	18 ta 38'23"
19 Feb	18 ar 0' 4" rx	5 ge 0'14" rx	15 cn 14'34" rx	12 sa 11'47"	13 li 24' 5" rx	4 sc 19'43" rx	16 sa 15'48"	4 sc 0'58" rx	26 le 54'56" rx	18 ta 38'36"
20 Feb	18 ar 1'15"	5 ge 0'20" rx	15 cn 13'46" rx	12 sa 12'17"	13 li 23'12" rx	4 sc 19'14" rx	16 sa 16'24"	4 sc 0'34" rx	26 le 53'45" rx	18 ta 38'49"
21 Feb	18 ar 2'27"	5 ge 0'27" rx	15 cn 12'59" rx	12 sa 12'45"	13 li 22'18" rx	4 sc 18'43" rx	16 sa 16'59"	4 sc 0'10" rx	26 le 52'35" rx	18 ta 39' 3"
22 Feb	18 ar 3'41"	5 ge 0'35" rx	15 cn 12'13" rx	12 sa 13'12"	13 li 21'22" rx	4 sc 18'11" rx	16 sa 17'33"	3 sc 59'44" rx	26 le 51'25" rx	18 ta 39'18"
23 Feb	18 ar 4'55"	5 ge 0'45" rx	15 cn 11'29" rx	12 sa 13'38"	13 li 20'26" rx	4 sc 17'36" rx	16 sa 18' 5"	3 sc 59'16" rx	26 le 50'15" rx	18 ta 39'33"
24 Feb	18 ar 6'11"	5 ge 0'57" rx	15 cn 10'45" rx	12 sa 14' 2"	13 li 19'29" rx	4 sc 16'59" rx	16 sa 18'36"	3 sc 58'48" rx	26 le 49' 5" rx	18 ta 39'49"
25 Feb	18 ar 7'27"	5 ge 1'10" rx	15 cn 10' 3" rx	12 sa 14'24"	13 li 18'30" rx	4 sc 16'20" rx	16 sa 19' 6"	3 sc 58'18" rx	26 le 47'55" rx	18 ta 40' 6"
26 Feb	18 ar 8'44"	5 ge 1'25" rx	15 cn 9'22" rx	12 sa 14'46"	13 li 17'31" rx	4 sc 15'39" rx	16 sa 19'34"	3 sc 57'47" rx	26 le 46'46" rx	18 ta 40'24"
27 Feb	18 ar 10' 3"	5 ge 1'41" rx	15 cn 8'42" rx	12 sa 15' 5"	13 li 16'30" rx	4 sc 14'57" rx	16 sa 20' 0"	3 sc 57'14" rx	26 le 45'37" rx	18 ta 40'42"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
28 Feb	18 ar 11'22"	5 ge 1'58"	15 cn 8' 3" rx	12 sa 15'24"	13 li 15'29" rx	4 sc 14'12" rx	16 sa 20'25"	3 sc 56'41" rx	26 le 44'28" rx	18 ta 41' 0"
01 Mar	18 ar 12'42"	5 ge 2'17"	15 cn 7'25" rx	12 sa 15'40"	13 li 14'26" rx	4 sc 13'25" rx	16 sa 20'49"	3 sc 56' 6" rx	26 le 43'19" rx	18 ta 41'20"
02 Mar	18 ar 14' 2"	5 ge 2'37"	15 cn 6'48" rx	12 sa 15'56"	13 li 13'23" rx	4 sc 12'36" rx	16 sa 21'11"	3 sc 55'30" rx	26 le 42'11" rx	18 ta 41'40"
03 Mar	18 ar 15'24"	5 ge 2'59"	15 cn 6'13" rx	12 sa 16' 9"	13 li 12'19" rx	4 sc 11'46" rx	16 sa 21'32"	3 sc 54'52" rx	26 le 41' 3" rx	18 ta 42' 0"
04 Mar	18 ar 16'47"	5 ge 3'22"	15 cn 5'39" rx	12 sa 16'22"	13 li 11'13" rx	4 sc 10'54" rx	16 sa 21'51"	3 sc 54'14" rx	26 le 39'55" rx	18 ta 42'22"
05 Mar	18 ar 18'10"	5 ge 3'46"	15 cn 5' 6" rx	12 sa 16'33"	13 li 10' 7" rx	4 sc 10' 0" rx	16 sa 22' 9"	3 sc 53'34" rx	26 le 38'48" rx	18 ta 42'44"
06 Mar	18 ar 19'34"	5 ge 4'13"	15 cn 4'35" rx	12 sa 16'42"	13 li 9' 1" rx	4 sc 9' 4" rx	16 sa 22'26"	3 sc 52'53" rx	26 le 37'42" rx	18 ta 43' 6"
07 Mar	18 ar 20'59"	5 ge 4'40"	15 cn 4' 5" rx	12 sa 16'50"	13 li 7'53" rx	4 sc 8' 7" rx	16 sa 22'41"	3 sc 52'12" rx	26 le 36'35" rx	18 ta 43'30"
08 Mar	18 ar 22'25"	5 ge 5' 9"	15 cn 3'36" rx	12 sa 16'57"	13 li 6'45" rx	4 sc 7' 8" rx	16 sa 22'55"	3 sc 51'29" rx	26 le 35'30" rx	18 ta 43'54"
09 Mar	18 ar 23'52"	5 ge 5'40"	15 cn 3' 9" rx	12 sa 17' 2"	13 li 5'36" rx	4 sc 6' 7" rx	16 sa 23' 7"	3 sc 50'45" rx	26 le 34'25" rx	18 ta 44'18"
10 Mar	18 ar 25'19"	5 ge 6'12"	15 cn 2'42" rx	12 sa 17' 6"	13 li 4'26" rx	4 sc 5' 5" rx	16 sa 23'18"	3 sc 50' 0" rx	26 le 33'20" rx	18 ta 44'44"
11 Mar	18 ar 26'47"	5 ge 6'45"	15 cn 2'18" rx	12 sa 17' 8"	13 li 3'16" rx	4 sc 4' 1" rx	16 sa 23'27"	3 sc 49'14" rx	26 le 32'16" rx	18 ta 45' 9"
12 Mar	18 ar 28'15"	5 ge 7'20"	15 cn 1'54" rx	12 sa 17' 9" rx	13 li 2' 5" rx	4 sc 2'56" rx	16 sa 23'35"	3 sc 48'27" rx	26 le 31'12" rx	18 ta 45'36"
13 Mar	18 ar 29'44"	5 ge 7'56"	15 cn 1'32" rx	12 sa 17' 8" rx	13 li 0'53" rx	4 sc 1'48" rx	16 sa 23'42"	3 sc 47'38" rx	26 le 30' 9" rx	18 ta 46' 2"
14 Mar	18 ar 31'14"	5 ge 8'33"	15 cn 1'11" rx	12 sa 17' 6" rx	12 li 59'41" rx	4 sc 0'39" rx	16 sa 23'47"	3 sc 46'49" rx	26 le 29' 7" rx	18 ta 46'30"
15 Mar	18 ar 32'44"	5 ge 9'11"	15 cn 0'51" rx	12 sa 17' 2" rx	12 li 58'28" rx	3 sc 59'29" rx	16 sa 23'50"	3 sc 45'59" rx	26 le 28' 5" rx	18 ta 46'58"
16 Mar	18 ar 34'15"	5 ge 9'51"	15 cn 0'32" rx	12 sa 16'57" rx	12 li 57'15" rx	3 sc 58'17" rx	16 sa 23'52"	3 sc 45' 8" rx	26 le 27' 4" rx	18 ta 47'26"
17 Mar	18 ar 35'47"	5 ge 10'33"	15 cn 0'15" rx	12 sa 16'50" rx	12 li 56' 1" rx	3 sc 57' 4" rx	16 sa 23'53"	3 sc 44'16" rx	26 le 26' 3" rx	18 ta 47'55"
18 Mar	18 ar 37'18"	5 ge 11'15"	15 cn 0' 0" rx	12 sa 16'42" rx	12 li 54'46" rx	3 sc 55'49" rx	16 sa 23'52" rx	3 sc 43'23" rx	26 le 25' 4" rx	18 ta 48'25"
19 Mar	18 ar 38'51"	5 ge 11'59"	14 cn 59'46" rx	12 sa 16'33" rx	12 li 53'31" rx	3 sc 54'33" rx	16 sa 23'50" rx	3 sc 42'29" rx	26 le 24' 5" rx	18 ta 48'55"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
20 Mar	18 ar 40'24"	5 ge 12'45"	14 cn 59'33" rx	12 sa 16'22" rx	12 li 52'16" rx	3 sc 53'16" rx	16 sa 23'47" rx	3 sc 41'34" rx	26 le 23' 6" rx	18 ta 49'26"
21 Mar	18 ar 41'58"	5 ge 13'31"	14 cn 59'21" rx	12 sa 16'10" rx	12 li 51' 0" rx	3 sc 51'57" rx	16 sa 23'42" rx	3 sc 40'39" rx	26 le 22' 9" rx	18 ta 49'57"
22 Mar	18 ar 43'32"	5 ge 14'19"	14 cn 59'12" rx	12 sa 15'57" rx	12 li 49'45" rx	3 sc 50'38" rx	16 sa 23'36" rx	3 sc 39'43" rx	26 le 21'12" rx	18 ta 50'29"
23 Mar	18 ar 45' 6"	5 ge 15' 9"	14 cn 59' 3" rx	12 sa 15'42" rx	12 li 48'28" rx	3 sc 49'17" rx	16 sa 23'29" rx	3 sc 38'46" rx	26 le 20'17" rx	18 ta 51' 2"
24 Mar	18 ar 46'41"	5 ge 15'59"	14 cn 58'56" rx	12 sa 15'26" rx	12 li 47'12" rx	3 sc 47'54" rx	16 sa 23'20" rx	3 sc 37'48" rx	26 le 19'22" rx	18 ta 51'35"
25 Mar	18 ar 48'16"	5 ge 16'51"	14 cn 58'50" rx	12 sa 15' 8" rx	12 li 45'55" rx	3 sc 46'31" rx	16 sa 23' 9" rx	3 sc 36'49" rx	26 le 18'28" rx	18 ta 52' 8"
26 Mar	18 ar 49'52"	5 ge 17'44"	14 cn 58'46" rx	12 sa 14'49" rx	12 li 44'38" rx	3 sc 45' 6" rx	16 sa 22'58" rx	3 sc 35'50" rx	26 le 17'34" rx	18 ta 52'42"
27 Mar	18 ar 51'28"	5 ge 18'38"	14 cn 58'43" rx	12 sa 14'29" rx	12 li 43'20" rx	3 sc 43'40" rx	16 sa 22'44" rx	3 sc 34'50" rx	26 le 16'42" rx	18 ta 53'17"
28 Mar	18 ar 53' 4"	5 ge 19'33"	14 cn 58'41" rx	12 sa 14' 7" rx	12 li 42' 2" rx	3 sc 42'13" rx	16 sa 22'30" rx	3 sc 33'49" rx	26 le 15'50" rx	18 ta 53'51"
29 Mar	18 ar 54'40"	5 ge 20'30"	14 cn 58'41" rx	12 sa 13'44" rx	12 li 40'44" rx	3 sc 40'45" rx	16 sa 22'14" rx	3 sc 32'47" rx	26 le 14'59" rx	18 ta 54'27"
30 Mar	18 ar 56'17"	5 ge 21'28"	14 cn 58'42" rx	12 sa 13'19" rx	12 li 39'26" rx	3 sc 39'15" rx	16 sa 21'56" rx	3 sc 31'45" rx	26 le 14' 9" rx	18 ta 55' 2"
31 Mar	18 ar 57'54"	5 ge 22'26"	14 cn 58'44" rx	12 sa 12'53" rx	12 li 38' 8" rx	3 sc 37'45" rx	16 sa 21'38" rx	3 sc 30'42" rx	26 le 13'21" rx	18 ta 55'38"
01 Apr	18 ar 59'31"	5 ge 23'27"	14 cn 58'48" rx	12 sa 12'26" rx	12 li 36'50" rx	3 sc 36'14" rx	16 sa 21'18" rx	3 sc 29'38" rx	26 le 12'33" rx	18 ta 56'15"
02 Apr	19 ar 1' 8"	5 ge 24'28"	14 cn 58'54" rx	12 sa 11'57" rx	12 li 35'32" rx	3 sc 34'42" rx	16 sa 20'57" rx	3 sc 28'34" rx	26 le 11'46" rx	18 ta 56'52"
03 Apr	19 ar 2'46"	5 ge 25'30"	14 cn 59' 1" rx	12 sa 11'28" rx	12 li 34'13" rx	3 sc 33' 9" rx	16 sa 20'34" rx	3 sc 27'30" rx	26 le 11' 0" rx	18 ta 57'30"
04 Apr	19 ar 4'24"	5 ge 26'34"	14 cn 59' 9" rx	12 sa 10'57" rx	12 li 32'55" rx	3 sc 31'36" rx	16 sa 20'10" rx	3 sc 26'25" rx	26 le 10'16" rx	18 ta 58' 8"
05 Apr	19 ar 6' 2"	5 ge 27'39"	14 cn 59'19" rx	12 sa 10'24" rx	12 li 31'37" rx	3 sc 30' 2" rx	16 sa 19'45" rx	3 sc 25'20" rx	26 le 9'32" rx	18 ta 58'46"
06 Apr	19 ar 7'40"	5 ge 28'44"	14 cn 59'30" rx	12 sa 9'51" rx	12 li 30'19" rx	3 sc 28'27" rx	16 sa 19'19" rx	3 sc 24'14" rx	26 le 8'50" rx	18 ta 59'25"
07 Apr	19 ar 9'18"	5 ge 29'51"	14 cn 59'43" rx	12 sa 9'16" rx	12 li 29' 1" rx	3 sc 26'51" rx	16 sa 18'51" rx	3 sc 23' 7" rx	26 le 8' 8" rx	19 ta 0' 4"
08 Apr	19 ar 10'56"	5 ge 30'59"	14 cn 59'57" rx	12 sa 8'40" rx	12 li 27'44" rx	3 sc 25'14" rx	16 sa 18'22" rx	3 sc 22' 0" rx	26 le 7'28" rx	19 ta 0'43"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
09 Apr	19 ar 12'34"	5 ge 32' 7"	15 cn 0'12"	12 sa 8' 3" rx	12 li 26'26" rx	3 sc 23'37" rx	16 sa 17'52" rx	3 sc 20'53" rx	26 le 6'48" rx	19 ta 1'23"
10 Apr	19 ar 14'11"	5 ge 33'17"	15 cn 0'29"	12 sa 7'24" rx	12 li 25' 8" rx	3 sc 21'59" rx	16 sa 17'20" rx	3 sc 19'45" rx	26 le 6'10" rx	19 ta 2' 3"
11 Apr	19 ar 15'49"	5 ge 34'28"	15 cn 0'47"	12 sa 6'45" rx	12 li 23'51" rx	3 sc 20'21" rx	16 sa 16'47" rx	3 sc 18'37" rx	26 le 5'32" rx	19 ta 2'44"
12 Apr	19 ar 17'27"	5 ge 35'39"	15 cn 1' 6"	12 sa 6' 4" rx	12 li 22'34" rx	3 sc 18'42" rx	16 sa 16'13" rx	3 sc 17'29" rx	26 le 4'56" rx	19 ta 3'24"
13 Apr	19 ar 19' 5"	5 ge 36'52"	15 cn 1'27"	12 sa 5'22" rx	12 li 21'17" rx	3 sc 17' 3" rx	16 sa 15'38" rx	3 sc 16'20" rx	26 le 4'21" rx	19 ta 4' 5"
14 Apr	19 ar 20'43"	5 ge 38' 5"	15 cn 1'49"	12 sa 4'39" rx	12 li 20' 0" rx	3 sc 15'23" rx	16 sa 15' 2" rx	3 sc 15'11" rx	26 le 3'47" rx	19 ta 4'46"
15 Apr	19 ar 22'21"	5 ge 39'19"	15 cn 2'12"	12 sa 3'54" rx	12 li 18'44" rx	3 sc 13'43" rx	16 sa 14'25" rx	3 sc 14' 2" rx	26 le 3'15" rx	19 ta 5'28"
16 Apr	19 ar 23'58"	5 ge 40'35"	15 cn 2'37"	12 sa 3' 9" rx	12 li 17'28" rx	3 sc 12' 3" rx	16 sa 13'46" rx	3 sc 12'53" rx	26 le 2'43" rx	19 ta 6'10"
17 Apr	19 ar 25'36"	5 ge 41'51"	15 cn 3' 3"	12 sa 2'23" rx	12 li 16'13" rx	3 sc 10'22" rx	16 sa 13' 6" rx	3 sc 11'43" rx	26 le 2'13" rx	19 ta 6'52"
18 Apr	19 ar 27'13"	5 ge 43' 8"	15 cn 3'31"	12 sa 1'35" rx	12 li 14'58" rx	3 sc 8'41" rx	16 sa 12'26" rx	3 sc 10'34" rx	26 le 1'44" rx	19 ta 7'35"
19 Apr	19 ar 28'50"	5 ge 44'26"	15 cn 4' 0"	12 sa 0'47" rx	12 li 13'43" rx	3 sc 7' 0" rx	16 sa 11'44" rx	3 sc 9'24" rx	26 le 1'16" rx	19 ta 8'18"
20 Apr	19 ar 30'28"	5 ge 45'45"	15 cn 4'31"	11 sa 59'58" rx	12 li 12'29" rx	3 sc 5'19" rx	16 sa 11' 1" rx	3 sc 8'14" rx	26 le 0'49" rx	19 ta 9' 1"
21 Apr	19 ar 32' 4"	5 ge 47' 5"	15 cn 5' 2"	11 sa 59' 7" rx	12 li 11'16" rx	3 sc 3'38" rx	16 sa 10'17" rx	3 sc 7' 4" rx	26 le 0'24" rx	19 ta 9'44"
22 Apr	19 ar 33'41"	5 ge 48'25"	15 cn 5'35"	11 sa 58'16" rx	12 li 10' 3" rx	3 sc 1'56" rx	16 sa 9'32" rx	3 sc 5'54" rx	26 le 0' 0" rx	19 ta 10'28"
23 Apr	19 ar 35'17"	5 ge 49'46"	15 cn 6' 9"	11 sa 57'24" rx	12 li 8'50" rx	3 sc 0'14" rx	16 sa 8'46" rx	3 sc 4'44" rx	25 le 59'37" rx	19 ta 11'11"
24 Apr	19 ar 36'53"	5 ge 51' 8"	15 cn 6'45"	11 sa 56'30" rx	12 li 7'38" rx	2 sc 58'33" rx	16 sa 7'59" rx	3 sc 3'33" rx	25 le 59'15" rx	19 ta 11'55"
25 Apr	19 ar 38'28"	5 ge 52'30"	15 cn 7'21"	11 sa 55'36" rx	12 li 6'27" rx	2 sc 56'51" rx	16 sa 7'11" rx	3 sc 2'23" rx	25 le 58'54" rx	19 ta 12'39"
26 Apr	19 ar 40' 3"	5 ge 53'53"	15 cn 7'59"	11 sa 54'40" rx	12 li 5'16" rx	2 sc 55' 9" rx	16 sa 6'22" rx	3 sc 1'13" rx	25 le 58'35" rx	19 ta 13'23"
27 Apr	19 ar 41'38"	5 ge 55'17"	15 cn 8'39"	11 sa 53'44" rx	12 li 4' 5" rx	2 sc 53'27" rx	16 sa 5'31" rx	3 sc 0' 3" rx	25 le 58'17" rx	19 ta 14' 7"
28 Apr	19 ar 43'12"	5 ge 56'42"	15 cn 9'19"	11 sa 52'47" rx	12 li 2'56" rx	2 sc 51'46" rx	16 sa 4'40" rx	2 sc 58'52" rx	25 le 58' 0" rx	19 ta 14'52"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
29 Apr	19 ar 44'47"	5 ge 58' 7"	15 cn 10' 1"	11 sa 51'49" rx	12 li 1'47" rx	2 sc 50' 5" rx	16 sa 3'48" rx	2 sc 57'42" rx	25 le 57'45" rx	19 ta 15'36"
30 Apr	19 ar 46'20"	5 ge 59'33"	15 cn 10'44"	11 sa 50'50" rx	12 li 0'39" rx	2 sc 48'24" rx	16 sa 2'56" rx	2 sc 56'33" rx	25 le 57'31" rx	19 ta 16'21"
01 May	19 ar 47'53"	6 ge 1' 0"	15 cn 11'29"	11 sa 49'51" rx	11 li 59'32" rx	2 sc 46'43" rx	16 sa 2' 2" rx	2 sc 55'23" rx	25 le 57'18" rx	19 ta 17' 6"
02 May	19 ar 49'26"	6 ge 2'27"	15 cn 12'14"	11 sa 48'50" rx	11 li 58'25" rx	2 sc 45' 3" rx	16 sa 1' 8" rx	2 sc 54'14" rx	25 le 57' 6" rx	19 ta 17'52"
03 May	19 ar 50'58"	6 ge 3'55"	15 cn 13' 1"	11 sa 47'49" rx	11 li 57'20" rx	2 sc 43'23" rx	16 sa 0'12" rx	2 sc 53' 5" rx	25 le 56'56" rx	19 ta 18'37"
04 May	19 ar 52'30"	6 ge 5'23"	15 cn 13'49"	11 sa 46'48" rx	11 li 56'15" rx	2 sc 41'43" rx	15 sa 59'16" rx	2 sc 51'56" rx	25 le 56'47" rx	19 ta 19'22"
05 May	19 ar 54' 1"	6 ge 6'52"	15 cn 14'39"	11 sa 45'45" rx	11 li 55'11" rx	2 sc 40' 4" rx	15 sa 58'19" rx	2 sc 50'47" rx	25 le 56'40" rx	19 ta 20' 7"
06 May	19 ar 55'32"	6 ge 8'21"	15 cn 15'29"	11 sa 44'42" rx	11 li 54' 8" rx	2 sc 38'25" rx	15 sa 57'21" rx	2 sc 49'39" rx	25 le 56'33" rx	19 ta 20'53"
07 May	19 ar 57' 2"	6 ge 9'51"	15 cn 16'20"	11 sa 43'38" rx	11 li 53' 5" rx	2 sc 36'46" rx	15 sa 56'23" rx	2 sc 48'31" rx	25 le 56'28" rx	19 ta 21'38"
08 May	19 ar 58'31"	6 ge 11'21"	15 cn 17'13"	11 sa 42'33" rx	11 li 52' 4" rx	2 sc 35' 8" rx	15 sa 55'23" rx	2 sc 47'23" rx	25 le 56'25" rx	19 ta 22'24"
09 May	20 ar 0' 0"	6 ge 12'51"	15 cn 18' 6"	11 sa 41'28" rx	11 li 51' 3" rx	2 sc 33'31" rx	15 sa 54'23" rx	2 sc 46'15" rx	25 le 56'22" rx	19 ta 23' 9"
10 May	20 ar 1'27"	6 ge 14'22"	15 cn 19' 1"	11 sa 40'22" rx	11 li 50' 4" rx	2 sc 31'54" rx	15 sa 53'22" rx	2 sc 45' 8" rx	25 le 56'21" rx	19 ta 23'54"
11 May	20 ar 2'55"	6 ge 15'53"	15 cn 19'57"	11 sa 39'15" rx	11 li 49' 5" rx	2 sc 30'18" rx	15 sa 52'21" rx	2 sc 44' 2" rx	25 le 56'21"	19 ta 24'40"
12 May	20 ar 4'21"	6 ge 17'25"	15 cn 20'54"	11 sa 38' 8" rx	11 li 48' 7" rx	2 sc 28'43" rx	15 sa 51'19" rx	2 sc 42'55" rx	25 le 56'22"	19 ta 25'25"
13 May	20 ar 5'47"	6 ge 18'57"	15 cn 21'52"	11 sa 37' 1" rx	11 li 47'11" rx	2 sc 27' 9" rx	15 sa 50'16" rx	2 sc 41'50" rx	25 le 56'25"	19 ta 26'11"
14 May	20 ar 7'13"	6 ge 20'29"	15 cn 22'51"	11 sa 35'53" rx	11 li 46'15" rx	2 sc 25'35" rx	15 sa 49'13" rx	2 sc 40'44" rx	25 le 56'29"	19 ta 26'56"
15 May	20 ar 8'38"	6 ge 22' 2"	15 cn 23'51"	11 sa 34'45" rx	11 li 45'21" rx	2 sc 24' 2" rx	15 sa 48'10" rx	2 sc 39'40" rx	25 le 56'35"	19 ta 27'42"
16 May	20 ar 10' 1"	6 ge 23'35"	15 cn 24'53"	11 sa 33'36" rx	11 li 44'28" rx	2 sc 22'30" rx	15 sa 47' 5" rx	2 sc 38'36" rx	25 le 56'42"	19 ta 28'27"
17 May	20 ar 11'25"	6 ge 25' 9"	15 cn 25'55"	11 sa 32'27" rx	11 li 43'36" rx	2 sc 20'59" rx	15 sa 46' 1" rx	2 sc 37'32" rx	25 le 56'50"	19 ta 29'13"
18 May	20 ar 12'47"	6 ge 26'42"	15 cn 26'59"	11 sa 31'17" rx	11 li 42'44" rx	2 sc 19'29" rx	15 sa 44'55" rx	2 sc 36'29" rx	25 le 56'59"	19 ta 29'58"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
19 May	20 ar 14' 9"	6 ge 28'16"	15 cn 28' 3"	11 sa 30' 7" rx	11 li 41'54" rx	2 sc 17'59" rx	15 sa 43'50" rx	2 sc 35'27" rx	25 le 57'10"	19 ta 30'43"
20 May	20 ar 15'29"	6 ge 29'50"	15 cn 29' 8"	11 sa 28'56" rx	11 li 41' 5" rx	2 sc 16'31" rx	15 sa 42'43" rx	2 sc 34'25" rx	25 le 57'22"	19 ta 31'28"
21 May	20 ar 16'49"	6 ge 31'24"	15 cn 30'14"	11 sa 27'45" rx	11 li 40'18" rx	2 sc 15' 3" rx	15 sa 41'37" rx	2 sc 33'24" rx	25 le 57'35"	19 ta 32'13"
22 May	20 ar 18' 8"	6 ge 32'58"	15 cn 31'21"	11 sa 26'34" rx	11 li 39'31" rx	2 sc 13'37" rx	15 sa 40'29" rx	2 sc 32'23" rx	25 le 57'50"	19 ta 32'58"
23 May	20 ar 19'26"	6 ge 34'33"	15 cn 32'29"	11 sa 25'23" rx	11 li 38'45" rx	2 sc 12'11" rx	15 sa 39'22" rx	2 sc 31'23" rx	25 le 58' 5"	19 ta 33'43"
24 May	20 ar 20'43"	6 ge 36' 7"	15 cn 33'38"	11 sa 24'11" rx	11 li 38' 1" rx	2 sc 10'47" rx	15 sa 38'14" rx	2 sc 30'24" rx	25 le 58'23"	19 ta 34'27"
25 May	20 ar 21'59"	6 ge 37'42"	15 cn 34'48"	11 sa 22'59" rx	11 li 37'18" rx	2 sc 9'23" rx	15 sa 37' 6" rx	2 sc 29'25" rx	25 le 58'41"	19 ta 35'12"
26 May	20 ar 23'15"	6 ge 39'16"	15 cn 35'58"	11 sa 21'46" rx	11 li 36'36" rx	2 sc 8' 1" rx	15 sa 35'57" rx	2 sc 28'27" rx	25 le 59' 1"	19 ta 35'56"
27 May	20 ar 24'29"	6 ge 40'51"	15 cn 37'10"	11 sa 20'34" rx	11 li 35'56" rx	2 sc 6'41" rx	15 sa 34'48" rx	2 sc 27'30" rx	25 le 59'22"	19 ta 36'40"
28 May	20 ar 25'43"	6 ge 42'26"	15 cn 38'22"	11 sa 19'22" rx	11 li 35'16" rx	2 sc 5'21" rx	15 sa 33'39" rx	2 sc 26'34" rx	25 le 59'44"	19 ta 37'25"
29 May	20 ar 26'55"	6 ge 44' 1"	15 cn 39'36"	11 sa 18' 9" rx	11 li 34'39" rx	2 sc 4' 3" rx	15 sa 32'30" rx	2 sc 25'39" rx	26 le 0' 8"	19 ta 38' 9"
30 May	20 ar 28' 7"	6 ge 45'36"	15 cn 40'50"	11 sa 16'57" rx	11 li 34' 2" rx	2 sc 2'46" rx	15 sa 31'20" rx	2 sc 24'44" rx	26 le 0'33"	19 ta 38'52"
31 May	20 ar 29'17"	6 ge 47'11"	15 cn 42' 5"	11 sa 15'44" rx	11 li 33'27" rx	2 sc 1'30" rx	15 sa 30'11" rx	2 sc 23'51" rx	26 le 0'59"	19 ta 39'36"
01 Jun	20 ar 30'27"	6 ge 48'46"	15 cn 43'20"	11 sa 14'31" rx	11 li 32'53" rx	2 sc 0'16" rx	15 sa 29' 1" rx	2 sc 22'58" rx	26 le 1'26"	19 ta 40'19"
02 Jun	20 ar 31'35"	6 ge 50'20"	15 cn 44'37"	11 sa 13'18" rx	11 li 32'20" rx	1 sc 59' 3" rx	15 sa 27'51" rx	2 sc 22' 6" rx	26 le 1'55"	19 ta 41' 2"
03 Jun	20 ar 32'42"	6 ge 51'55"	15 cn 45'54"	11 sa 12' 5" rx	11 li 31'49" rx	1 sc 57'52" rx	15 sa 26'41" rx	2 sc 21'15" rx	26 le 2'25"	19 ta 41'45"
04 Jun	20 ar 33'49"	6 ge 53'29"	15 cn 47'11"	11 sa 10'52" rx	11 li 31'19" rx	1 sc 56'42" rx	15 sa 25'30" rx	2 sc 20'25" rx	26 le 2'56"	19 ta 42'27"
05 Jun	20 ar 34'54"	6 ge 55' 4"	15 cn 48'30"	11 sa 9'39" rx	11 li 30'50" rx	1 sc 55'33" rx	15 sa 24'20" rx	2 sc 19'35" rx	26 le 3'28"	19 ta 43' 9"
06 Jun	20 ar 35'57"	6 ge 56'38"	15 cn 49'49"	11 sa 8'26" rx	11 li 30'22" rx	1 sc 54'26" rx	15 sa 23'10" rx	2 sc 18'47" rx	26 le 4' 1"	19 ta 43'51"
07 Jun	20 ar 37' 0"	6 ge 58'11"	15 cn 51' 8"	11 sa 7'13" rx	11 li 29'57" rx	1 sc 53'20" rx	15 sa 21'59" rx	2 sc 17'59" rx	26 le 4'36"	19 ta 44'33"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
08 Jun	20 ar 38' 2"	6 ge 59'45"	15 cn 52'29"	11 sa 6' 1" rx	11 li 29'32" rx	1 sc 52'16" rx	15 sa 20'49" rx	2 sc 17'13" rx	26 le 5'11"	19 ta 45'14"
09 Jun	20 ar 39' 2"	7 ge 1'19"	15 cn 53'50"	11 sa 4'48" rx	11 li 29' 9" rx	1 sc 51'13" rx	15 sa 19'39" rx	2 sc 16'28" rx	26 le 5'48"	19 ta 45'55"
10 Jun	20 ar 40' 2"	7 ge 2'52"	15 cn 55'11"	11 sa 3'36" rx	11 li 28'47" rx	1 sc 50'13" rx	15 sa 18'28" rx	2 sc 15'43" rx	26 le 6'27"	19 ta 46'36"
11 Jun	20 ar 41' 0"	7 ge 4'25"	15 cn 56'34"	11 sa 2'24" rx	11 li 28'27" rx	1 sc 49'13" rx	15 sa 17'18" rx	2 sc 15' 0" rx	26 le 7' 6"	19 ta 47'17"
12 Jun	20 ar 41'58"	7 ge 5'58"	15 cn 57'57"	11 sa 1'13" rx	11 li 28' 8" rx	1 sc 48'16" rx	15 sa 16' 9" rx	2 sc 14'18" rx	26 le 7'47"	19 ta 47'57"
13 Jun	20 ar 42'54"	7 ge 7'30"	15 cn 59'20"	11 sa 0' 1" rx	11 li 27'51" rx	1 sc 47'20" rx	15 sa 14'59" rx	2 sc 13'37" rx	26 le 8'28"	19 ta 48'37"
14 Jun	20 ar 43'48"	7 ge 9' 3"	16 cn 0'44"	10 sa 58'50" rx	11 li 27'35" rx	1 sc 46'26" rx	15 sa 13'49" rx	2 sc 12'57" rx	26 le 9'11"	19 ta 49'16"
15 Jun	20 ar 44'42"	7 ge 10'34"	16 cn 2' 8"	10 sa 57'39" rx	11 li 27'21" rx	1 sc 45'33" rx	15 sa 12'40" rx	2 sc 12'18" rx	26 le 9'55"	19 ta 49'56"
16 Jun	20 ar 45'34"	7 ge 12' 6"	16 cn 3'33"	10 sa 56'29" rx	11 li 27' 8" rx	1 sc 44'42" rx	15 sa 11'31" rx	2 sc 11'40" rx	26 le 10'40"	19 ta 50'35"
17 Jun	20 ar 46'25"	7 ge 13'37"	16 cn 4'59"	10 sa 55'18" rx	11 li 26'56" rx	1 sc 43'53" rx	15 sa 10'22" rx	2 sc 11' 3" rx	26 le 11'27"	19 ta 51'13"
18 Jun	20 ar 47'15"	7 ge 15' 7"	16 cn 6'24"	10 sa 54' 8" rx	11 li 26'46" rx	1 sc 43' 5" rx	15 sa 9'13" rx	2 sc 10'28" rx	26 le 12'14"	19 ta 51'51"
19 Jun	20 ar 48' 4"	7 ge 16'37"	16 cn 7'50"	10 sa 52'59" rx	11 li 26'37" rx	1 sc 42'20" rx	15 sa 8' 4" rx	2 sc 9'53" rx	26 le 13' 2"	19 ta 52'28"
20 Jun	20 ar 48'51"	7 ge 18' 7"	16 cn 9'17"	10 sa 51'49" rx	11 li 26'30" rx	1 sc 41'36" rx	15 sa 6'56" rx	2 sc 9'19" rx	26 le 13'51"	19 ta 53' 5"
21 Jun	20 ar 49'37"	7 ge 19'36"	16 cn 10'44"	10 sa 50'41" rx	11 li 26'24" rx	1 sc 40'53" rx	15 sa 5'48" rx	2 sc 8'47" rx	26 le 14'41"	19 ta 53'42"
22 Jun	20 ar 50'21"	7 ge 21' 5"	16 cn 12'11"	10 sa 49'32" rx	11 li 26'20" rx	1 sc 40'13" rx	15 sa 4'40" rx	2 sc 8'16" rx	26 le 15'33"	19 ta 54'19"
23 Jun	20 ar 51' 5"	7 ge 22'33"	16 cn 13'39"	10 sa 48'25" rx	11 li 26'17" rx	1 sc 39'35" rx	15 sa 3'33" rx	2 sc 7'46" rx	26 le 16'25"	19 ta 54'55"
24 Jun	20 ar 51'47"	7 ge 24' 1"	16 cn 15' 7"	10 sa 47'17" rx	11 li 26'16" rx	1 sc 38'58" rx	15 sa 2'27" rx	2 sc 7'18" rx	26 le 17'19"	19 ta 55'30"
25 Jun	20 ar 52'28"	7 ge 25'28"	16 cn 16'35"	10 sa 46'11" rx	11 li 26'16" rx	1 sc 38'23" rx	15 sa 1'20" rx	2 sc 6'50" rx	26 le 18'14"	19 ta 56' 6"
26 Jun	20 ar 53' 7"	7 ge 26'55"	16 cn 18' 4"	10 sa 45' 5" rx	11 li 26'18" rx	1 sc 37'51" rx	15 sa 0'15" rx	2 sc 6'24" rx	26 le 19' 9"	19 ta 56'40"
27 Jun	20 ar 53'45"	7 ge 28'21"	16 cn 19'33"	10 sa 43'59" rx	11 li 26'21" rx	1 sc 37'20" rx	14 sa 59' 9" rx	2 sc 5'59" rx	26 le 20' 6"	19 ta 57'15"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
28 Jun	20 ar 54'22"	7 ge 29'47"	16 cn 21' 3"	10 sa 42'55" rx	11 li 26'26"	1 sc 36'51" rx	14 sa 58' 4" rx	2 sc 5'35" rx	26 le 21' 4"	19 ta 57'49"
29 Jun	20 ar 54'57"	7 ge 31'12"	16 cn 22'32"	10 sa 41'50" rx	11 li 26'32"	1 sc 36'24" rx	14 sa 57' 0" rx	2 sc 5'13" rx	26 le 22' 2"	19 ta 58'22"
30 Jun	20 ar 55'31"	7 ge 32'36"	16 cn 24' 2"	10 sa 40'47" rx	11 li 26'40"	1 sc 35'59" rx	14 sa 55'56" rx	2 sc 4'52" rx	26 le 23' 2"	19 ta 58'55"
01 Jul	20 ar 56' 4"	7 ge 33'59"	16 cn 25'31"	10 sa 39'43" rx	11 li 26'49"	1 sc 35'36" rx	14 sa 54'53" rx	2 sc 4'32" rx	26 le 24' 2"	19 ta 59'27"
02 Jul	20 ar 56'35"	7 ge 35'22"	16 cn 27' 1"	10 sa 38'41" rx	11 li 26'59"	1 sc 35'14" rx	14 sa 53'50" rx	2 sc 4'13" rx	26 le 25' 3"	19 ta 59'59"
03 Jul	20 ar 57' 5"	7 ge 36'44"	16 cn 28'31"	10 sa 37'39" rx	11 li 27'11"	1 sc 34'55" rx	14 sa 52'48" rx	2 sc 3'55" rx	26 le 26' 5"	20 ta 0'30"
04 Jul	20 ar 57'33"	7 ge 38' 5"	16 cn 30' 1"	10 sa 36'39" rx	11 li 27'25"	1 sc 34'38" rx	14 sa 51'47" rx	2 sc 3'39" rx	26 le 27' 8"	20 ta 1' 0"
05 Jul	20 ar 58' 0"	7 ge 39'26"	16 cn 31'32"	10 sa 35'38" rx	11 li 27'40"	1 sc 34'23" rx	14 sa 50'46" rx	2 sc 3'24" rx	26 le 28'12"	20 ta 1'31"
06 Jul	20 ar 58'25"	7 ge 40'45"	16 cn 33' 2"	10 sa 34'39" rx	11 li 27'56"	1 sc 34' 9" rx	14 sa 49'46" rx	2 sc 3'11" rx	26 le 29'17"	20 ta 2' 0"
07 Jul	20 ar 58'50"	7 ge 42' 4"	16 cn 34'32"	10 sa 33'41" rx	11 li 28'15"	1 sc 33'58" rx	14 sa 48'46" rx	2 sc 2'59" rx	26 le 30'22"	20 ta 2'29"
08 Jul	20 ar 59'13"	7 ge 43'23"	16 cn 36' 3"	10 sa 32'43" rx	11 li 28'34"	1 sc 33'49" rx	14 sa 47'48" rx	2 sc 2'48" rx	26 le 31'29"	20 ta 2'58"
09 Jul	20 ar 59'34"	7 ge 44'40"	16 cn 37'33"	10 sa 31'47" rx	11 li 28'55"	1 sc 33'42" rx	14 sa 46'50" rx	2 sc 2'38" rx	26 le 32'36"	20 ta 3'26"
10 Jul	20 ar 59'54"	7 ge 45'57"	16 cn 39' 4"	10 sa 30'51" rx	11 li 29'18"	1 sc 33'37" rx	14 sa 45'53" rx	2 sc 2'30" rx	26 le 33'44"	20 ta 3'54"
11 Jul	21 ar 0'13"	7 ge 47'13"	16 cn 40'35"	10 sa 29'56" rx	11 li 29'42"	1 sc 33'34" rx	14 sa 44'57" rx	2 sc 2'23" rx	26 le 34'53"	20 ta 4'21"
12 Jul	21 ar 0'30"	7 ge 48'28"	16 cn 42' 5"	10 sa 29' 2" rx	11 li 30' 8"	1 sc 33'33"	14 sa 44' 1" rx	2 sc 2'18" rx	26 le 36' 3"	20 ta 4'48"
13 Jul	21 ar 0'46"	7 ge 49'42"	16 cn 43'36"	10 sa 28' 9" rx	11 li 30'34"	1 sc 33'34"	14 sa 43' 7" rx	2 sc 2'14" rx	26 le 37'13"	20 ta 5'14"
14 Jul	21 ar 1' 0"	7 ge 50'55"	16 cn 45' 6"	10 sa 27'16" rx	11 li 31' 3"	1 sc 33'37"	14 sa 42'13" rx	2 sc 2'11" rx	26 le 38'24"	20 ta 5'39"
15 Jul	21 ar 1'13"	7 ge 52' 8"	16 cn 46'36"	10 sa 26'25" rx	11 li 31'32"	1 sc 33'42"	14 sa 41'20" rx	2 sc 2' 9" rx	26 le 39'35"	20 ta 6' 4"
16 Jul	21 ar 1'25"	7 ge 53'19"	16 cn 48' 6"	10 sa 25'35" rx	11 li 32' 3"	1 sc 33'49"	14 sa 40'27" rx	2 sc 2' 9"	26 le 40'48"	20 ta 6'28"
17 Jul	21 ar 1'34"	7 ge 54'29"	16 cn 49'36"	10 sa 24'45" rx	11 li 32'36"	1 sc 33'58"	14 sa 39'36" rx	2 sc 2'10"	26 le 42' 1"	20 ta 6'51"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
18 Jul	21 ar 1'43"	7 ge 55'38"	16 cn 51' 6"	10 sa 23'57" rx	11 li 33'10"	1 sc 34' 9"	14 sa 38'45" rx	2 sc 2'12"	26 le 43'14"	20 ta 7'14"
19 Jul	21 ar 1'50"	7 ge 56'47"	16 cn 52'35"	10 sa 23' 9" rx	11 li 33'45"	1 sc 34'22"	14 sa 37'56" rx	2 sc 2'16"	26 le 44'29"	20 ta 7'36"
20 Jul	21 ar 1'56"	7 ge 57'54"	16 cn 54' 5"	10 sa 22'23" rx	11 li 34'22"	1 sc 34'37"	14 sa 37' 7" rx	2 sc 2'21"	26 le 45'44"	20 ta 7'58"
21 Jul	21 ar 2' 0"	7 ge 59' 1"	16 cn 55'34"	10 sa 21'38" rx	11 li 35' 1"	1 sc 34'55"	14 sa 36'20" rx	2 sc 2'27"	26 le 46'59"	20 ta 8'19"
22 Jul	21 ar 2' 3"	8 ge 0' 7"	16 cn 57' 3"	10 sa 20'54" rx	11 li 35'40"	1 sc 35'14"	14 sa 35'34" rx	2 sc 2'35"	26 le 48'16"	20 ta 8'40"
23 Jul	21 ar 2' 5"	8 ge 1'11"	16 cn 58'32"	10 sa 20'11" rx	11 li 36'22"	1 sc 35'36"	14 sa 34'48" rx	2 sc 2'45"	26 le 49'33"	20 ta 9' 0"
24 Jul	21 ar 2' 5" rx	8 ge 2'15"	17 cn 0' 1"	10 sa 19'29" rx	11 li 37' 4"	1 sc 35'59"	14 sa 34' 4" rx	2 sc 2'55"	26 le 50'50"	20 ta 9'19"
25 Jul	21 ar 2' 3" rx	8 ge 3'17"	17 cn 1'29"	10 sa 18'48" rx	11 li 37'48"	1 sc 36'25"	14 sa 33'20" rx	2 sc 3' 7"	26 le 52' 8"	20 ta 9'38"
26 Jul	21 ar 2' 1" rx	8 ge 4'18"	17 cn 2'57"	10 sa 18' 8" rx	11 li 38'33"	1 sc 36'53"	14 sa 32'38" rx	2 sc 3'21"	26 le 53'26"	20 ta 9'56"
27 Jul	21 ar 1'56" rx	8 ge 5'18"	17 cn 4'24"	10 sa 17'29" rx	11 li 39'20"	1 sc 37'22"	14 sa 31'56" rx	2 sc 3'35"	26 le 54'45"	20 ta 10'13"
28 Jul	21 ar 1'50" rx	8 ge 6'17"	17 cn 5'51"	10 sa 16'52" rx	11 li 40' 8"	1 sc 37'54"	14 sa 31'16" rx	2 sc 3'51"	26 le 56' 5"	20 ta 10'30"
29 Jul	21 ar 1'43" rx	8 ge 7'15"	17 cn 7'18"	10 sa 16'16" rx	11 li 40'57"	1 sc 38'28"	14 sa 30'37" rx	2 sc 4' 8"	26 le 57'24"	20 ta 10'46"
30 Jul	21 ar 1'34" rx	8 ge 8'11"	17 cn 8'44"	10 sa 15'40" rx	11 li 41'47"	1 sc 39' 3"	14 sa 29'59" rx	2 sc 4'27"	26 le 58'45"	20 ta 11' 1"
31 Jul	21 ar 1'24" rx	8 ge 9' 7"	17 cn 10'10"	10 sa 15' 7" rx	11 li 42'39"	1 sc 39'41"	14 sa 29'22" rx	2 sc 4'47"	27 le 0' 5"	20 ta 11'15"
01 Aug	21 ar 1'13" rx	8 ge 10' 1"	17 cn 11'36"	10 sa 14'34" rx	11 li 43'32"	1 sc 40'21"	14 sa 28'46" rx	2 sc 5' 8"	27 le 1'26"	20 ta 11'29"
02 Aug	21 ar 1' 0" rx	8 ge 10'54"	17 cn 13' 0"	10 sa 14' 2" rx	11 li 44'26"	1 sc 41' 2"	14 sa 28'11" rx	2 sc 5'31"	27 le 2'48"	20 ta 11'43"
03 Aug	21 ar 0'46" rx	8 ge 11'46"	17 cn 14'25"	10 sa 13'32" rx	11 li 45'22"	1 sc 41'46"	14 sa 27'37" rx	2 sc 5'55"	27 le 4' 9"	20 ta 11'55"
04 Aug	21 ar 0'30" rx	8 ge 12'37"	17 cn 15'49"	10 sa 13' 3" rx	11 li 46'19"	1 sc 42'32"	14 sa 27' 5" rx	2 sc 6'20"	27 le 5'32"	20 ta 12' 7"
05 Aug	21 ar 0'13" rx	8 ge 13'27"	17 cn 17'13"	10 sa 12'36" rx	11 li 47'17"	1 sc 43'20"	14 sa 26'34" rx	2 sc 6'47"	27 le 6'54"	20 ta 12'19"
06 Aug	20 ar 59'55" rx	8 ge 14'15"	17 cn 18'36"	10 sa 12'10" rx	11 li 48'17"	1 sc 44'10"	14 sa 26' 4" rx	2 sc 7'15"	27 le 8'17"	20 ta 12'30"

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
07 Aug	20 ar 59'35" rx	8 ge 15' 2"	17 cn 19'58"	10 sa 11'45" rx	11 li 49'18"	1 sc 45' 2"	14 sa 25'36" rx	2 sc 7'45"	27 le 9'41"	20 ta 12'40"
08 Aug	20 ar 59'14" rx	8 ge 15'48"	17 cn 21'20"	10 sa 11'21" rx	11 li 50'20"	1 sc 45'56"	14 sa 25'9" rx	2 sc 8'15"	27 le 11'4"	20 ta 12'49"
09 Aug	20 ar 58'52" rx	8 ge 16'33"	17 cn 22'41"	10 sa 10'59" rx	11 li 51'23"	1 sc 46'51"	14 sa 24'42" rx	2 sc 8'47"	27 le 12'28"	20 ta 12'58"
10 Aug	20 ar 58'28" rx	8 ge 17'16"	17 cn 24'2"	10 sa 10'38" rx	11 li 52'27"	1 sc 47'49"	14 sa 24'17" rx	2 sc 9'21"	27 le 13'52"	20 ta 13'6"
11 Aug	20 ar 58'3" rx	8 ge 17'58"	17 cn 25'22"	10 sa 10'18" rx	11 li 53'32"	1 sc 48'48"	14 sa 23'54" rx	2 sc 9'55"	27 le 15'16"	20 ta 13'13"
12 Aug	20 ar 57'37" rx	8 ge 18'39"	17 cn 26'41"	10 sa 9'59" rx	11 li 54'39"	1 sc 49'50"	14 sa 23'31" rx	2 sc 10'31"	27 le 16'40"	20 ta 13'20"
13 Aug	20 ar 57'9" rx	8 ge 19'19"	17 cn 27'59"	10 sa 9'42" rx	11 li 55'46"	1 sc 50'53"	14 sa 23'10" rx	2 sc 11' 7"	27 le 18'4"	20 ta 13'26"
14 Aug	20 ar 56'40" rx	8 ge 19'57"	17 cn 29'17"	10 sa 9'26" rx	11 li 56'55"	1 sc 51'58"	14 sa 22'50" rx	2 sc 11'46"	27 le 19'29"	20 ta 13'31"
15 Aug	20 ar 56'9" rx	8 ge 20'33"	17 cn 30'34"	10 sa 9'11" rx	11 li 58' 5"	1 sc 53' 5"	14 sa 22'31" rx	2 sc 12'25"	27 le 20'54"	20 ta 13'36"
16 Aug	20 ar 55'38" rx	8 ge 21' 9"	17 cn 31'51"	10 sa 8'58" rx	11 li 59'16"	1 sc 54'14"	14 sa 22'14" rx	2 sc 13' 6"	27 le 22'18"	20 ta 13'40"
17 Aug	20 ar 55'5" rx	8 ge 21'43"	17 cn 33'7"	10 sa 8'46" rx	12 li 0'28"	1 sc 55'25"	14 sa 21'58" rx	2 sc 13'48"	27 le 23'44"	20 ta 13'43"
18 Aug	20 ar 54'31" rx	8 ge 22'16"	17 cn 34'22"	10 sa 8'36" rx	12 li 1'41"	1 sc 56'37"	14 sa 21'43" rx	2 sc 14'31"	27 le 25'9"	20 ta 13'46"
19 Aug	20 ar 53'56" rx	8 ge 22'48"	17 cn 35'36"	10 sa 8'27" rx	12 li 2'56"	1 sc 57'52"	14 sa 21'30" rx	2 sc 15'16"	27 le 26'34"	20 ta 13'48"
20 Aug	20 ar 53'19" rx	8 ge 23'18"	17 cn 36'50"	10 sa 8'19" rx	12 li 4'11"	1 sc 59' 8"	14 sa 21'18" rx	2 sc 16' 2"	27 le 27'59"	20 ta 13'49"
21 Aug	20 ar 52'41" rx	8 ge 23'47"	17 cn 38'3"	10 sa 8'13" rx	12 li 5'27"	2 sc 0'26"	14 sa 21'7" rx	2 sc 16'49"	27 le 29'25"	20 ta 13'49"
22 Aug	20 ar 52'2" rx	8 ge 24'15"	17 cn 39'14"	10 sa 8' 8" rx	12 li 6'44"	2 sc 1'46"	14 sa 20'58" rx	2 sc 17'37"	27 le 30'50"	20 ta 13'49" rx
23 Aug	20 ar 51'22" rx	8 ge 24'41"	17 cn 40'25"	10 sa 8' 5" rx	12 li 8' 3"	2 sc 3' 8"	14 sa 20'50" rx	2 sc 18'26"	27 le 32'15"	20 ta 13'48" rx
24 Aug	20 ar 50'40" rx	8 ge 25' 5"	17 cn 41'35"	10 sa 8' 2" rx	12 li 9'22"	2 sc 4'31"	14 sa 20'43" rx	2 sc 19'17"	27 le 33'40"	20 ta 13'47" rx
25 Aug	20 ar 49'58" rx	8 ge 25'28"	17 cn 42'44"	10 sa 8' 2" rx	12 li 10'42"	2 sc 5'56"	14 sa 20'38" rx	2 sc 20' 8"	27 le 35'5"	20 ta 13'44" rx
26 Aug	20 ar 49'14" rx	8 ge 25'50"	17 cn 43'53"	10 sa 8' 2" rx	12 li 12' 3"	2 sc 7'23"	14 sa 20'34" rx	2 sc 21' 1"	27 le 36'30"	20 ta 13'41" rx

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
27 Aug	20 ar 48'29" rx	8 ge 26'10"	17 cn 45' 0"	10 sa 8' 4"	12 li 13'25"	2 sc 8'51"	14 sa 20'31" rx	2 sc 21'55"	27 le 37'55"	20 ta 13'38" rx
28 Aug	20 ar 47'42" rx	8 ge 26'29"	17 cn 46' 6"	10 sa 8' 8"	12 li 14'47"	2 sc 10'21"	14 sa 20'30" rx	2 sc 22'50"	27 le 39'20"	20 ta 13'33" rx
29 Aug	20 ar 46'55" rx	8 ge 26'47"	17 cn 47'12"	10 sa 8'12"	12 li 16'11"	2 sc 11'53"	14 sa 20'30"	2 sc 23'46"	27 le 40'44"	20 ta 13'28" rx
30 Aug	20 ar 46' 7" rx	8 ge 27' 3"	17 cn 48'16"	10 sa 8'19"	12 li 17'36"	2 sc 13'27"	14 sa 20'32"	2 sc 24'43"	27 le 42' 9"	20 ta 13'23" rx
31 Aug	20 ar 45'18" rx	8 ge 27'18"	17 cn 49'19"	10 sa 8'27"	12 li 19' 1"	2 sc 15' 2"	14 sa 20'35"	2 sc 25'42"	27 le 43'33"	20 ta 13'16" rx
01 Sep	20 ar 44'27" rx	8 ge 27'31"	17 cn 50'22"	10 sa 8'36"	12 li 20'27"	2 sc 16'39"	14 sa 20'39"	2 sc 26'41"	27 le 44'57"	20 ta 13' 9" rx
02 Sep	20 ar 43'36" rx	8 ge 27'43"	17 cn 51'24"	10 sa 8'46"	12 li 21'54"	2 sc 18'17"	14 sa 20'45"	2 sc 27'42"	27 le 46'21"	20 ta 13' 2" rx
03 Sep	20 ar 42'44" rx	8 ge 27'54"	17 cn 52'24"	10 sa 8'59"	12 li 23'22"	2 sc 19'57"	14 sa 20'52"	2 sc 28'43"	27 le 47'45"	20 ta 12'54" rx
04 Sep	20 ar 41'50" rx	8 ge 28' 3"	17 cn 53'24"	10 sa 9'12"	12 li 24'51"	2 sc 21'38"	14 sa 21' 1"	2 sc 29'46"	27 le 49' 8"	20 ta 12'45" rx
05 Sep	20 ar 40'56" rx	8 ge 28'11"	17 cn 54'22"	10 sa 9'27"	12 li 26'20"	2 sc 23'21"	14 sa 21'11"	2 sc 30'50"	27 le 50'31"	20 ta 12'35" rx
06 Sep	20 ar 40' 1" rx	8 ge 28'17"	17 cn 55'19"	10 sa 9'43"	12 li 27'50"	2 sc 25' 6"	14 sa 21'22"	2 sc 31'55"	27 le 51'54"	20 ta 12'25" rx
07 Sep	20 ar 39' 4" rx	8 ge 28'22"	17 cn 56'15"	10 sa 10' 1"	12 li 29'21"	2 sc 26'52"	14 sa 21'35"	2 sc 33' 0"	27 le 53'16"	20 ta 12'14" rx
08 Sep	20 ar 38' 7" rx	8 ge 28'25"	17 cn 57'10"	10 sa 10'20"	12 li 30'52"	2 sc 28'39"	14 sa 21'49"	2 sc 34' 7"	27 le 54'38"	20 ta 12' 3" rx
09 Sep	20 ar 37' 9" rx	8 ge 28'27"	17 cn 58' 4"	10 sa 10'40"	12 li 32'24"	2 sc 30'27"	14 sa 22' 4"	2 sc 35'14"	27 le 56' 0"	20 ta 11'50" rx
10 Sep	20 ar 36'10" rx	8 ge 28'27" rx	17 cn 58'57"	10 sa 11' 2"	12 li 33'56"	2 sc 32'17"	14 sa 22'21"	2 sc 36'23"	27 le 57'21"	20 ta 11'37" rx
11 Sep	20 ar 35'10" rx	8 ge 28'26" rx	17 cn 59'49"	10 sa 11'25"	12 li 35'29"	2 sc 34' 9"	14 sa 22'39"	2 sc 37'32"	27 le 58'42"	20 ta 11'24" rx
12 Sep	20 ar 34' 9" rx	8 ge 28'24" rx	18 cn 0'39"	10 sa 11'49"	12 li 37' 3"	2 sc 36' 2"	14 sa 22'59"	2 sc 38'42"	28 le 0' 3"	20 ta 11'10" rx
13 Sep	20 ar 33' 8" rx	8 ge 28'20" rx	18 cn 1'29"	10 sa 12'15"	12 li 38'37"	2 sc 37'56"	14 sa 23'20"	2 sc 39'54"	28 le 1'23"	20 ta 10'55" rx
14 Sep	20 ar 32' 6" rx	8 ge 28'15" rx	18 cn 2'17"	10 sa 12'43"	12 li 40'12"	2 sc 39'51"	14 sa 23'42"	2 sc 41' 6"	28 le 2'43"	20 ta 10'40" rx
15 Sep	20 ar 31' 3" rx	8 ge 28' 9" rx	18 cn 3' 4"	10 sa 13'12"	12 li 41'48"	2 sc 41'48"	14 sa 24' 6"	2 sc 42'19"	28 le 4' 2"	20 ta 10'24" rx

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
16 Sep	20 ar 29'59" rx	8 ge 28' 1" rx	18 cn 3'50"	10 sa 13'42"	12 li 43'24"	2 sc 43'46"	14 sa 24'31"	2 sc 43'33"	28 le 5'21"	20 ta 10' 8" rx
17 Sep	20 ar 28'55" rx	8 ge 27'52" rx	18 cn 4'35"	10 sa 14'13"	12 li 45' 0"	2 sc 45'46"	14 sa 24'58"	2 sc 44'48"	28 le 6'39"	20 ta 9'51" rx
18 Sep	20 ar 27'50" rx	8 ge 27'41" rx	18 cn 5'18"	10 sa 14'46"	12 li 46'37"	2 sc 47'46"	14 sa 25'26"	2 sc 46' 4"	28 le 7'57"	20 ta 9'33" rx
19 Sep	20 ar 26'44" rx	8 ge 27'29" rx	18 cn 6' 0"	10 sa 15'20"	12 li 48'15"	2 sc 49'48"	14 sa 25'55"	2 sc 47'20"	28 le 9'14"	20 ta 9'15" rx
20 Sep	20 ar 25'37" rx	8 ge 27'15" rx	18 cn 6'41"	10 sa 15'56"	12 li 49'52"	2 sc 51'51"	14 sa 26'25"	2 sc 48'38"	28 le 10'30"	20 ta 8'56" rx
21 Sep	20 ar 24'30" rx	8 ge 27' 0" rx	18 cn 7'21"	10 sa 16'33"	12 li 51'30"	2 sc 53'55"	14 sa 26'57"	2 sc 49'55"	28 le 11'46"	20 ta 8'37" rx
22 Sep	20 ar 23'22" rx	8 ge 26'43" rx	18 cn 7'59"	10 sa 17'11"	12 li 53' 9"	2 sc 56' 0"	14 sa 27'30"	2 sc 51'14"	28 le 13' 1"	20 ta 8'16" rx
23 Sep	20 ar 22'13" rx	8 ge 26'25" rx	18 cn 8'36"	10 sa 17'50"	12 li 54'48"	2 sc 58' 6"	14 sa 28' 5"	2 sc 52'34"	28 le 14'16"	20 ta 7'56" rx
24 Sep	20 ar 21' 4" rx	8 ge 26' 6" rx	18 cn 9'11"	10 sa 18'31"	12 li 56'27"	3 sc 0'13"	14 sa 28'41"	2 sc 53'54"	28 le 15'30"	20 ta 7'35" rx
25 Sep	20 ar 19'54" rx	8 ge 25'45" rx	18 cn 9'46"	10 sa 19'13"	12 li 58' 6"	3 sc 2'22"	14 sa 29'18"	2 sc 55'14"	28 le 16'43"	20 ta 7'13" rx
26 Sep	20 ar 18'44" rx	8 ge 25'23" rx	18 cn 10'19"	10 sa 19'56"	12 li 59'46"	3 sc 4'31"	14 sa 29'56"	2 sc 56'36"	28 le 17'55"	20 ta 6'51" rx
27 Sep	20 ar 17'34" rx	8 ge 25' 0" rx	18 cn 10'51"	10 sa 20'41"	13 li 1'26"	3 sc 6'41"	14 sa 30'36"	2 sc 57'58"	28 le 19' 7"	20 ta 6'28" rx
28 Sep	20 ar 16'23" rx	8 ge 24'35" rx	18 cn 11'21"	10 sa 21'27"	13 li 3' 6"	3 sc 8'53"	14 sa 31'17"	2 sc 59'21"	28 le 20'19"	20 ta 6' 5" rx
29 Sep	20 ar 15'12" rx	8 ge 24' 9" rx	18 cn 11'50"	10 sa 22'15"	13 li 4'47"	3 sc 11' 5"	14 sa 32' 0"	3 sc 0'45"	28 le 21'29"	20 ta 5'41" rx
30 Sep	20 ar 14' 0" rx	8 ge 23'42" rx	18 cn 12'18"	10 sa 23' 3"	13 li 6'27"	3 sc 13'18"	14 sa 32'44"	3 sc 2' 9"	28 le 22'39"	20 ta 5'17" rx
01 Oct	20 ar 12'48" rx	8 ge 23'14" rx	18 cn 12'45"	10 sa 23'53"	13 li 8' 8"	3 sc 15'32"	14 sa 33'29"	3 sc 3'34"	28 le 23'48"	20 ta 4'52" rx
02 Oct	20 ar 11'36" rx	8 ge 22'44" rx	18 cn 13'10"	10 sa 24'45"	13 li 9'49"	3 sc 17'47"	14 sa 34'15"	3 sc 4'59"	28 le 24'56"	20 ta 4'27" rx
03 Oct	20 ar 10'23" rx	8 ge 22'13" rx	18 cn 13'34"	10 sa 25'37"	13 li 11'31"	3 sc 20' 3"	14 sa 35' 3"	3 sc 6'25"	28 le 26' 3"	20 ta 4' 1" rx
04 Oct	20 ar 9'10" rx	8 ge 21'40" rx	18 cn 13'56"	10 sa 26'30"	13 li 13'12"	3 sc 22'19"	14 sa 35'51"	3 sc 7'52"	28 le 27'10"	20 ta 3'35" rx
05 Oct	20 ar 7'57" rx	8 ge 21' 6" rx	18 cn 14'17"	10 sa 27'25"	13 li 14'53"	3 sc 24'36"	14 sa 36'41"	3 sc 9'18"	28 le 28'15"	20 ta 3' 8" rx

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
06 Oct	20 ar 6'43" rx	8 ge 20'31" rx	18 cn 14'37"	10 sa 28'21"	13 li 16'34"	3 sc 26'54"	14 sa 37'32"	3 sc 10'46"	28 le 29'20"	20 ta 2'41" rx
07 Oct	20 ar 5'29" rx	8 ge 19'55" rx	18 cn 14'55"	10 sa 29'18"	13 li 18'15"	3 sc 29'13"	14 sa 38'25"	3 sc 12'13"	28 le 30'24"	20 ta 2'13" rx
08 Oct	20 ar 4'15" rx	8 ge 19'17" rx	18 cn 15'12"	10 sa 30'16"	13 li 19'56"	3 sc 31'32"	14 sa 39'18"	3 sc 13'42"	28 le 31'27"	20 ta 1'45" rx
09 Oct	20 ar 3' 1" rx	8 ge 18'38" rx	18 cn 15'27"	10 sa 31'15"	13 li 21'37"	3 sc 33'51"	14 sa 40'13"	3 sc 15'10"	28 le 32'29"	20 ta 1'17" rx
10 Oct	20 ar 1'47" rx	8 ge 17'58" rx	18 cn 15'41"	10 sa 32'16"	13 li 23'18"	3 sc 36'12"	14 sa 41' 9"	3 sc 16'39"	28 le 33'30"	20 ta 0'48" rx
11 Oct	20 ar 0'32" rx	8 ge 17'17" rx	18 cn 15'54"	10 sa 33'17"	13 li 25' 0"	3 sc 38'33"	14 sa 42' 6"	3 sc 18' 9"	28 le 34'30"	20 ta 0'19" rx
12 Oct	19 ar 59'18" rx	8 ge 16'35" rx	18 cn 16' 5"	10 sa 34'20"	13 li 26'41"	3 sc 40'55"	14 sa 43' 4"	3 sc 19'39"	28 le 35'29"	19 ta 59'50" rx
13 Oct	19 ar 58' 4" rx	8 ge 15'52" rx	18 cn 16'15"	10 sa 35'24"	13 li 28'22"	3 sc 43'17"	14 sa 44' 4"	3 sc 21' 9"	28 le 36'28"	19 ta 59'20" rx
14 Oct	19 ar 56'49" rx	8 ge 15' 7" rx	18 cn 16'24"	10 sa 36'29"	13 li 30' 3"	3 sc 45'40"	14 sa 45' 5"	3 sc 22'40"	28 le 37'25"	19 ta 58'49" rx
15 Oct	19 ar 55'35" rx	8 ge 14'21" rx	18 cn 16'31"	10 sa 37'35"	13 li 31'43"	3 sc 48' 3"	14 sa 46' 6"	3 sc 24'11"	28 le 38'22"	19 ta 58'19" rx
16 Oct	19 ar 54'20" rx	8 ge 13'34" rx	18 cn 16'37"	10 sa 38'42"	13 li 33'24"	3 sc 50'26"	14 sa 47' 9"	3 sc 25'42"	28 le 39'17"	19 ta 57'48" rx
17 Oct	19 ar 53' 6" rx	8 ge 12'46" rx	18 cn 16'41"	10 sa 39'50"	13 li 35' 4"	3 sc 52'50"	14 sa 48'13"	3 sc 27'13"	28 le 40'11"	19 ta 57'16" rx
18 Oct	19 ar 51'52" rx	8 ge 11'57" rx	18 cn 16'44"	10 sa 40'59"	13 li 36'44"	3 sc 55'14"	14 sa 49'17"	3 sc 28'45"	28 le 41' 4"	19 ta 56'44" rx
19 Oct	19 ar 50'37" rx	8 ge 11' 7" rx	18 cn 16'45"	10 sa 42' 9"	13 li 38'23"	3 sc 57'39"	14 sa 50'23"	3 sc 30'16"	28 le 41'56"	19 ta 56'12" rx
20 Oct	19 ar 49'23" rx	8 ge 10'16" rx	18 cn 16'45" rx	10 sa 43'20"	13 li 40' 3"	4 sc 0' 3"	14 sa 51'30"	3 sc 31'48"	28 le 42'47"	19 ta 55'40" rx
21 Oct	19 ar 48' 9" rx	8 ge 9'23" rx	18 cn 16'43" rx	10 sa 44'32"	13 li 41'42"	4 sc 2'28"	14 sa 52'38"	3 sc 33'20"	28 le 43'37"	19 ta 55' 7" rx
22 Oct	19 ar 46'56" rx	8 ge 8'30" rx	18 cn 16'40" rx	10 sa 45'45"	13 li 43'20"	4 sc 4'54"	14 sa 53'47"	3 sc 34'53"	28 le 44'25"	19 ta 54'34" rx
23 Oct	19 ar 45'42" rx	8 ge 7'36" rx	18 cn 16'36" rx	10 sa 46'59"	13 li 44'59"	4 sc 7'19"	14 sa 54'57"	3 sc 36'25"	28 le 45'13"	19 ta 54' 0" rx
24 Oct	19 ar 44'29" rx	8 ge 6'40" rx	18 cn 16'30" rx	10 sa 48'14"	13 li 46'37"	4 sc 9'45"	14 sa 56' 8"	3 sc 37'58"	28 le 46' 0"	19 ta 53'27" rx
25 Oct	19 ar 43'16" rx	8 ge 5'44" rx	18 cn 16'23" rx	10 sa 49'29"	13 li 48'15"	4 sc 12'11"	14 sa 57'20"	3 sc 39'30"	28 le 46'45"	19 ta 52'53" rx

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26 Oct	19 ar 42' 4" rx	8 ge 4'47" rx	18 cn 16'15" rx	10 sa 50'46"	13 li 49'52"	4 sc 14'37"	14 sa 58'33"	3 sc 41' 3"	28 le 47'29"	19 ta 52'19" rx
27 Oct	19 ar 40'52" rx	8 ge 3'49" rx	18 cn 16' 5" rx	10 sa 52' 4"	13 li 51'29"	4 sc 17' 3"	14 sa 59'47"	3 sc 42'37"	28 le 48'12"	19 ta 51'45" rx
28 Oct	19 ar 39'40" rx	8 ge 2'50" rx	18 cn 15'54" rx	10 sa 53'22"	13 li 53' 5"	4 sc 19'29"	15 sa 1' 2"	3 sc 44' 8"	28 le 48'54"	19 ta 51'11" rx
29 Oct	19 ar 38'29" rx	8 ge 1'51" rx	18 cn 15'41" rx	10 sa 54'42"	13 li 54'41"	4 sc 21'55"	15 sa 2'17"	3 sc 45'41"	28 le 49'35"	19 ta 50'36" rx
30 Oct	19 ar 37'18" rx	8 ge 0'50" rx	18 cn 15'27" rx	10 sa 56' 2"	13 li 56'16"	4 sc 24'22"	15 sa 3'34"	3 sc 47'14"	28 le 50'15"	19 ta 50' 1" rx
31 Oct	19 ar 36' 7" rx	7 ge 59'49" rx	18 cn 15'12" rx	10 sa 57'22"	13 li 57'51"	4 sc 26'48"	15 sa 4'51"	3 sc 48'47"	28 le 50'53"	19 ta 49'26" rx
01 Nov	19 ar 34'57" rx	7 ge 58'46" rx	18 cn 14'55" rx	10 sa 58'44"	13 li 59'25"	4 sc 29'13"	15 sa 6' 9"	3 sc 50'19"	28 le 51'30"	19 ta 48'51" rx
02 Nov	19 ar 33'48" rx	7 ge 57'43" rx	18 cn 14'36" rx	11 sa 0' 6"	14 li 0'58"	4 sc 31'39"	15 sa 7'28"	3 sc 51'52"	28 le 52' 5"	19 ta 48'16" rx
03 Nov	19 ar 32'39" rx	7 ge 56'39" rx	18 cn 14'17" rx	11 sa 1'29"	14 li 2'31"	4 sc 34' 5"	15 sa 8'48"	3 sc 53'24"	28 le 52'40"	19 ta 47'40" rx
04 Nov	19 ar 31'30" rx	7 ge 55'35" rx	18 cn 13'56" rx	11 sa 2'53"	14 li 4' 3"	4 sc 36'30"	15 sa 10' 8"	3 sc 54'56"	28 le 53'13"	19 ta 47' 5" rx
05 Nov	19 ar 30'23" rx	7 ge 54'29" rx	18 cn 13'33" rx	11 sa 4'17"	14 li 5'34"	4 sc 38'55"	15 sa 11'30"	3 sc 56'28"	28 le 53'45"	19 ta 46'29" rx
06 Nov	19 ar 29'16" rx	7 ge 53'24" rx	18 cn 13'10" rx	11 sa 5'42"	14 li 7' 5"	4 sc 41'20"	15 sa 12'52"	3 sc 58' 0"	28 le 54'16"	19 ta 45'53" rx
07 Nov	19 ar 28' 9" rx	7 ge 52'17" rx	18 cn 12'45" rx	11 sa 7' 8"	14 li 8'36"	4 sc 43'45"	15 sa 14'14"	3 sc 59'32"	28 le 54'45"	19 ta 45'17" rx
08 Nov	19 ar 27' 4" rx	7 ge 51'10" rx	18 cn 12'19" rx	11 sa 8'34"	14 li 10' 5"	4 sc 46' 9"	15 sa 15'38"	4 sc 1' 3"	28 le 55'13"	19 ta 44'42" rx
09 Nov	19 ar 25'59" rx	7 ge 50' 3" rx	18 cn 11'52" rx	11 sa 10' 1"	14 li 11'34"	4 sc 48'33"	15 sa 17' 2"	4 sc 2'34"	28 le 55'40"	19 ta 44' 6" rx
10 Nov	19 ar 24'54" rx	7 ge 48'54" rx	18 cn 11'23" rx	11 sa 11'29"	14 li 13' 2"	4 sc 50'57"	15 sa 18'27"	4 sc 4' 5"	28 le 56' 6"	19 ta 43'30" rx
11 Nov	19 ar 23'51" rx	7 ge 47'46" rx	18 cn 10'53" rx	11 sa 12'57"	14 li 14'29"	4 sc 53'21"	15 sa 19'53"	4 sc 5'36"	28 le 56'30"	19 ta 42'54" rx
12 Nov	19 ar 22'48" rx	7 ge 46'36" rx	18 cn 10'22" rx	11 sa 14'26"	14 li 15'55"	4 sc 55'43"	15 sa 21'19"	4 sc 7' 6"	28 le 56'53"	19 ta 42'18" rx
13 Nov	19 ar 21'46" rx	7 ge 45'26" rx	18 cn 9'49" rx	11 sa 15'55"	14 li 17'21"	4 sc 58' 6"	15 sa 22'45"	4 sc 8'36"	28 le 57'15"	19 ta 41'42" rx
14 Nov	19 ar 20'45" rx	7 ge 44'16" rx	18 cn 9'15" rx	11 sa 17'24"	14 li 18'45"	5 sc 0'28"	15 sa 24'12"	4 sc 10' 6"	28 le 57'35"	19 ta 41' 5" rx

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15 Nov	19 ar 19'44" rx	7 ge 43' 5" rx	18 cn 8'40" rx	11 sa 18'54"	14 li 20' 9"	5 sc 2'49"	15 sa 25'40"	4 sc 11'35"	28 le 57'54"	19 ta 40'29" rx
16 Nov	19 ar 18'44" rx	7 ge 41'54" rx	18 cn 8' 3" rx	11 sa 20'25"	14 li 21'32"	5 sc 5' 9"	15 sa 27' 8"	4 sc 13' 4"	28 le 58'11"	19 ta 39'53" rx
17 Nov	19 ar 17'46" rx	7 ge 40'42" rx	18 cn 7'25" rx	11 sa 21'56"	14 li 22'53"	5 sc 7'30"	15 sa 28'37"	4 sc 14'32"	28 le 58'28"	19 ta 39'17" rx
18 Nov	19 ar 16'48" rx	7 ge 39'30" rx	18 cn 6'46" rx	11 sa 23'27"	14 li 24'14"	5 sc 9'49"	15 sa 30' 6"	4 sc 16' 0"	28 le 58'42"	19 ta 38'41" rx
19 Nov	19 ar 15'51" rx	7 ge 38'17" rx	18 cn 6' 6" rx	11 sa 24'59"	14 li 25'34"	5 sc 12' 8"	15 sa 31'36"	4 sc 17'27"	28 le 58'56"	19 ta 38' 5" rx
20 Nov	19 ar 14'55" rx	7 ge 37' 4" rx	18 cn 5'25" rx	11 sa 26'31"	14 li 26'53"	5 sc 14'26"	15 sa 33' 6"	4 sc 18'54"	28 le 59' 8"	19 ta 37'29" rx
21 Nov	19 ar 14' 0" rx	7 ge 35'51" rx	18 cn 4'43" rx	11 sa 28' 4"	14 li 28'11"	5 sc 16'43"	15 sa 34'37"	4 sc 20'21"	28 le 59'19"	19 ta 36'53" rx
22 Nov	19 ar 13' 7" rx	7 ge 34'38" rx	18 cn 3'59" rx	11 sa 29'37"	14 li 29'28"	5 sc 19' 0"	15 sa 36' 8"	4 sc 21'46"	28 le 59'28"	19 ta 36'18" rx
23 Nov	19 ar 12'14" rx	7 ge 33'25" rx	18 cn 3'15" rx	11 sa 31'10"	14 li 30'44"	5 sc 21'16"	15 sa 37'40"	4 sc 23'12"	28 le 59'36"	19 ta 35'42" rx
24 Nov	19 ar 11'22" rx	7 ge 32'11" rx	18 cn 2'29" rx	11 sa 32'44"	14 li 31'59"	5 sc 23'31"	15 sa 39'12"	4 sc 24'37"	28 le 59'43"	19 ta 35' 7" rx
25 Nov	19 ar 10'32" rx	7 ge 30'57" rx	18 cn 1'42" rx	11 sa 34'17"	14 li 33'13"	5 sc 25'45"	15 sa 40'44"	4 sc 26' 1"	28 le 59'49"	19 ta 34'32" rx
26 Nov	19 ar 9'42" rx	7 ge 29'44" rx	18 cn 0'54" rx	11 sa 35'51"	14 li 34'25"	5 sc 27'59"	15 sa 42'17"	4 sc 27'24"	28 le 59'53"	19 ta 33'57" rx
27 Nov	19 ar 8'54" rx	7 ge 28'29" rx	18 cn 0' 5" rx	11 sa 37'26"	14 li 35'37"	5 sc 30'11"	15 sa 43'50"	4 sc 28'47"	28 le 59'55"	19 ta 33'22" rx
28 Nov	19 ar 8' 7" rx	7 ge 27'15" rx	17 cn 59'15" rx	11 sa 39' 0"	14 li 36'47"	5 sc 32'22"	15 sa 45'23"	4 sc 30' 9"	28 le 59'56"	19 ta 32'48" rx
29 Nov	19 ar 7'21" rx	7 ge 26' 1" rx	17 cn 58'24" rx	11 sa 40'34"	14 li 37'56"	5 sc 34'33"	15 sa 46'56"	4 sc 31'31"	28 le 59'56" rx	19 ta 32'13" rx
30 Nov	19 ar 6'36" rx	7 ge 24'47" rx	17 cn 57'32" rx	11 sa 42' 9"	14 li 39' 4"	5 sc 36'42"	15 sa 48'29"	4 sc 32'51"	28 le 59'54" rx	19 ta 31'39" rx
01 Dec	19 ar 5'52" rx	7 ge 23'32" rx	17 cn 56'39" rx	11 sa 43'43"	14 li 40'11"	5 sc 38'50"	15 sa 50' 3"	4 sc 34'11"	28 le 59'51" rx	19 ta 31' 5" rx
02 Dec	19 ar 5' 9" rx	7 ge 22'18" rx	17 cn 55'45" rx	11 sa 45'18"	14 li 41'16"	5 sc 40'57"	15 sa 51'37"	4 sc 35'30"	28 le 59'47" rx	19 ta 30'31" rx
03 Dec	19 ar 4'28" rx	7 ge 21' 4" rx	17 cn 54'50" rx	11 sa 46'53"	14 li 42'20"	5 sc 43' 3"	15 sa 53'11"	4 sc 36'49"	28 le 59'41" rx	19 ta 29'57" rx
04 Dec	19 ar 3'48" rx	7 ge 19'50" rx	17 cn 53'54" rx	11 sa 48'28"	14 li 43'23"	5 sc 45' 8"	15 sa 54'45"	4 sc 38' 7"	28 le 59'34" rx	19 ta 29'24" rx

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
05 Dec	19 ar 3' 9" rx	7 ge 18'36" rx	17 cn 52'57" rx	11 sa 50' 2"	14 li 44'25"	5 sc 47'12"	15 sa 56'19"	4 sc 39'24"	28 le 59'26" rx	19 ta 28'51" rx
06 Dec	19 ar 2'32" rx	7 ge 17'22" rx	17 cn 52' 0" rx	11 sa 51'37"	14 li 45'26"	5 sc 49'15"	15 sa 57'54"	4 sc 40'40"	28 le 59'16" rx	19 ta 28'18" rx
07 Dec	19 ar 1'56" rx	7 ge 16' 9" rx	17 cn 51' 1" rx	11 sa 53'12"	14 li 46'25"	5 sc 51'17"	15 sa 59'28"	4 sc 41'55"	28 le 59' 5" rx	19 ta 27'46" rx
08 Dec	19 ar 1'21" rx	7 ge 14'56" rx	17 cn 50' 2" rx	11 sa 54'47"	14 li 47'23"	5 sc 53'17"	16 sa 1' 3"	4 sc 43' 9"	28 le 58'53" rx	19 ta 27'14" rx
09 Dec	19 ar 0'47" rx	7 ge 13'42" rx	17 cn 49' 2" rx	11 sa 56'22"	14 li 48'20"	5 sc 55'16"	16 sa 2'37"	4 sc 44'23"	28 le 58'39" rx	19 ta 26'42" rx
10 Dec	19 ar 0'15" rx	7 ge 12'30" rx	17 cn 48' 1" rx	11 sa 57'56"	14 li 49'15"	5 sc 57'13"	16 sa 4'12"	4 sc 45'35"	28 le 58'24" rx	19 ta 26'11" rx
11 Dec	18 ar 59'44" rx	7 ge 11'17" rx	17 cn 46'59" rx	11 sa 59'31"	14 li 50' 9"	5 sc 59'10"	16 sa 5'46"	4 sc 46'47"	28 le 58' 7" rx	19 ta 25'40" rx
12 Dec	18 ar 59'15" rx	7 ge 10' 4" rx	17 cn 45'57" rx	12 sa 1' 5"	14 li 51' 1"	6 sc 1' 5"	16 sa 7'21"	4 sc 47'58"	28 le 57'50" rx	19 ta 25' 9" rx
13 Dec	18 ar 58'46" rx	7 ge 8'52" rx	17 cn 44'54" rx	12 sa 2'39"	14 li 51'52"	6 sc 2'58"	16 sa 8'55"	4 sc 49' 7"	28 le 57'30" rx	19 ta 24'39" rx
14 Dec	18 ar 58'19" rx	7 ge 7'40" rx	17 cn 43'49" rx	12 sa 4'13"	14 li 52'42"	6 sc 4'50"	16 sa 10'29"	4 sc 50'16"	28 le 57'10" rx	19 ta 24' 9" rx
15 Dec	18 ar 57'54" rx	7 ge 6'29" rx	17 cn 42'45" rx	12 sa 5'46"	14 li 53'30"	6 sc 6'41"	16 sa 12' 3"	4 sc 51'23"	28 le 56'48" rx	19 ta 23'39" rx
16 Dec	18 ar 57'30" rx	7 ge 5'18" rx	17 cn 41'39" rx	12 sa 7'20"	14 li 54'17"	6 sc 8'30"	16 sa 13'37"	4 sc 52'30"	28 le 56'25" rx	19 ta 23'10" rx
17 Dec	18 ar 57' 7" rx	7 ge 4' 8" rx	17 cn 40'34" rx	12 sa 8'53"	14 li 55' 2"	6 sc 10'17"	16 sa 15'10"	4 sc 53'36"	28 le 56' 1" rx	19 ta 22'41" rx
18 Dec	18 ar 56'46" rx	7 ge 2'58" rx	17 cn 39'27" rx	12 sa 10'26"	14 li 55'46"	6 sc 12' 4"	16 sa 16'44"	4 sc 54'40"	28 le 55'35" rx	19 ta 22'12" rx
19 Dec	18 ar 56'26" rx	7 ge 1'49" rx	17 cn 38'20" rx	12 sa 11'58"	14 li 56'29"	6 sc 13'48"	16 sa 18'18"	4 sc 55'44"	28 le 55' 8" rx	19 ta 21'45" rx
20 Dec	18 ar 56' 8" rx	7 ge 0'40" rx	17 cn 37'12" rx	12 sa 13'31"	14 li 57'10"	6 sc 15'31"	16 sa 19'51"	4 sc 56'46"	28 le 54'40" rx	19 ta 21'17" rx
21 Dec	18 ar 55'51" rx	6 ge 59'32" rx	17 cn 36' 4" rx	12 sa 15' 3"	14 li 57'50"	6 sc 17'13"	16 sa 21'24"	4 sc 57'48"	28 le 54'11" rx	19 ta 20'50" rx
22 Dec	18 ar 55'36" rx	6 ge 58'24" rx	17 cn 34'56" rx	12 sa 16'34"	14 li 58'28"	6 sc 18'53"	16 sa 22'56"	4 sc 58'48"	28 le 53'40" rx	19 ta 20'24" rx
23 Dec	18 ar 55'22" rx	6 ge 57'17" rx	17 cn 33'47" rx	12 sa 18' 6"	14 li 59' 4"	6 sc 20'31"	16 sa 24'29"	4 sc 59'47"	28 le 53' 9" rx	19 ta 19'58" rx
24 Dec	18 ar 55'10" rx	6 ge 56'11" rx	17 cn 32'37" rx	12 sa 19'36"	14 li 59'39"	6 sc 22' 8"	16 sa 26' 1"	5 sc 0'45"	28 le 52'36" rx	19 ta 19'32" rx

Date	1992 QB1	Chaos	Varuna	Ixion	Rhada- manthus	Huya	Quaoar	Deucalion	Orcus	Sedna
25 Dec	18 ar 54'59" rx	6 ge 55' 5" rx	17 cn 31'27" rx	12 sa 21' 6"	15 li 0'13"	6 sc 23'42"	16 sa 27'32"	5 sc 1'42"	28 le 52' 1" rx	19 ta 19' 7" rx
26 Dec	18 ar 54'50" rx	6 ge 54' 0" rx	17 cn 30'17" rx	12 sa 22'36"	15 li 0'45"	6 sc 25'15"	16 sa 29' 3"	5 sc 2'38"	28 le 51'26" rx	19 ta 18'43" rx
27 Dec	18 ar 54'42" rx	6 ge 52'56" rx	17 cn 29' 6" rx	12 sa 24' 5"	15 li 1'15"	6 sc 26'46"	16 sa 30'34"	5 sc 3'32"	28 le 50'49" rx	19 ta 18'19" rx
28 Dec	18 ar 54'36" rx	6 ge 51'52" rx	17 cn 27'55" rx	12 sa 25'33"	15 li 1'44"	6 sc 28'16"	16 sa 32' 4"	5 sc 4'25"	28 le 50'11" rx	19 ta 17'55" rx
29 Dec	18 ar 54'31" rx	6 ge 50'49" rx	17 cn 26'43" rx	12 sa 27' 1"	15 li 2'11"	6 sc 29'43"	16 sa 33'34"	5 sc 5'17"	28 le 49'32" rx	19 ta 17'32" rx
30 Dec	18 ar 54'27" rx	6 ge 49'47" rx	17 cn 25'31" rx	12 sa 28'29"	15 li 2'37"	6 sc 31' 9"	16 sa 35' 3"	5 sc 6' 8"	28 le 48'52" rx	19 ta 17'10" rx
31 Dec	18 ar 54'26" rx	6 ge 48'46" rx	17 cn 24'20" rx	12 sa 29'56"	15 li 3' 1"	6 sc 32'33"	16 sa 36'32"	5 sc 6'57"	28 le 48'11" rx	19 ta 16'48" rx
01 Jan	18 ar 54'25" rx	6 ge 47'46" rx	17 cn 23' 8" rx	12 sa 31'22"	15 li 3'24"	6 sc 33'56"	16 sa 38' 1"	5 sc 7'45"	28 le 47'28" rx	19 ta 16'27" rx