| 2001  | min. Earth dist.    | 2600 Jan 15 01:32 | 24°₹34'27                    | 0.98355 AU  |                  | 2604 Aug 22 18:46 | 0° <b>m</b> )           |             |
|---|---------------------|-------------------|------------------------------|-------------|------------------|-------------------|-------------------------|-------------|
| 2000   1  | mm. Earth dist.     |                   |                              | 0.70333710  |                  | •                 |                         |             |
| 2000     |                     |                   |                              |             |                  | •                 |                         |             |
| 2004   2003   00   00   00   00   00   00   |                     |                   |                              |             |                  |                   |                         |             |
| max. Earth dist.         2003 May 20 19-39         O'T         max. Earth dist.         2005 Jan 20 14 23-36         0************************************  |                     |                   |                              |             |                  |                   |                         |             |
| max. Earth dist         2600 au 1 e 10:03         0°95         1 0643 AU         2005 Fabr 90 30         0°94         0°96         0°95 Fabr 90 30         0°94         0°96         0°95 Fabr 90 30         0°94         0°96         0°95 Fabr 90 30         0°94         0°96         0°96 Augu 20 21:34         0°96         0°96         0°95 Fabr 90 30         0°94         0°96   |                     | •                 |                              |             | min Farth dist   |                   |                         | 0.98358 AU  |
| max. Earth dist, and 1  |                     | •                 |                              |             | mm. Bartii dist. |                   |                         | 0.70330710  |
| 2600   1000   | max. Earth dist.    |                   |                              | 1.01643 AU  |                  |                   |                         |             |
| 1968     |                     |                   |                              |             |                  |                   |                         |             |
| 2000   10   10   10   10   10   10   1  |                     |                   |                              |             |                  |                   |                         |             |
| Part  |                     | •                 | -                            |             |                  | •                 |                         |             |
| 100   |                     | •                 |                              |             |                  | •                 |                         |             |
| Mini. Earth dist  |                     |                   |                              |             | max. Earth dist. | 2605 Jul 14 11:20 | 22° <b>©</b> 11'28      | 1.01646 AU  |
| min. Earth dist.         2011 an 13 08:55         22°51609         0.9848 AU         2605 Aug 22 00:40         0°A         1 Column 10 03:40         0°A         1 Column 20 03:41         0°A         1 Column 20 03:41         0°A         1 Column 20 03:40         0°A         2 Column 20 03:40         0°A         <  |                     | 2600 Dec 22 04:02 | 0°⋜                          |             |                  | 2605 Jul 22 15:50 | $0^{\circ}\Omega$       |             |
| 2001   10   10   13   13   10   13   10   13   10   13   10   13   13   | min. Earth dist.    |                   | 22° <b>る</b> 36'09           | 0.98348 AU  |                  | 2605 Aug 23 00:40 |                         |             |
| 260   Reb   9 0 9.346   0°34   0°34   260   260   23   1535   0°14   260   260   27   1706   0°15   260   260   27   1706   0°15   260   260   27   1706   0°15   260   260   27   1706   260   27   27   27   27   27   27   27   2  |                     | 2601 Jan 20 15:13 | 0° <b>≈</b>                  |             |                  | •                 |                         |             |
| Part  |                     | 2601 Feb 19 03:46 |                              |             |                  | -                 | 0° <b>M</b>             |             |
| May 1   10   1   10   10   10   10   10   |                     | 2601 Mar 20 23:27 | $0^{\circ}\mathbf{\Upsilon}$ |             |                  | 2605 Nov 22 17:06 | 0° <b>∡</b> ¹           |             |
| max. Earth dist.   2601 Jun   21 06:34   24°93145   1.01649 AU   26066 Au 2 0606 Au 2 06144   0°P4   0°P   |                     | 2601 Apr 20 06:15 | 0°8                          |             |                  | 2605 Dec 22 08:59 | 0°ප                     |             |
| max. Earth dist.         260 Jul 17 0014         24°23'05         1.0169 AU         2606 May 21 0433         0°2 M         2606 May 21 0430         0°2 M         2606 May 21 0460         2606 May 21 0460         2606 May 21 0460         0°2 M         2606 May 22 0460         0°2 M         0°3 M  |                     | 2601 May 21 01:21 | $\Pi^{\circ}0$               |             | min. Earth dist. | 2606 Jan 14 15:21 | 23° <b>る</b> 40'58      | 0.98352 AU  |
| Part   |                     | 2601 Jun 21 06:34 | $0$ $\circ$ $\odot$          |             |                  | 2606 Jan 20 20:14 | 0° <b>≈</b>             |             |
| 2601 Aug 23 0138  | max. Earth dist.    | 2601 Jul 17 00:14 | 24° <b>©</b> 34'05           | 1.01649 AU  |                  | 2606 Feb 19 08:51 | 0° <b>)</b> €           |             |
| Part   |                     | 2601 Jul 22 16:51 | $0^{\circ}\Omega$            |             |                  | 2606 Mar 21 04:33 | $0$ ° $\Upsilon$        |             |
| Part  |                     | 2601 Aug 23 01:38 | O° Mp                        |             |                  | 2606 Apr 20 11:21 | 0° <b>႘</b>             |             |
| min. Earth dist.   2601 Nov 22 17:59   0°%   0°%   2606 Nov 22 09:50   0°%   0°%   2606 Nov 22 17:46   0°%   0°%   0°%   2606 Nov 22 17:46   0°%   0°%   2606 Nov 22 07:40   0°%   0°%   2600 Nov 22 07:30   0°%  |                     | 2601 Sep 23 02:49 | 0∘ <b>ত</b>                  |             |                  | 2606 May 21 06:23 | $\Pi$ $^{\circ}0$       |             |
| min. Earth dist.   2601 Dec 22 09:50   0°중   0°835 AU   2606 Aug 23 06:34   0°97   1  |                     | 2601 Oct 23 16:30 | $0^{\circ}$ M                |             |                  | 2606 Jun 21 11:33 | $0$ $\circ$ $\odot$     |             |
| min. Earth dist.         2602 Jan 2 2 23:40         2 2°55'S5 0.9835 AU         2606 Aug 2 3 06:31         0°m         1           2602 Jan 2 10 00 2000         0°%         98.35 AU         2606 Sep 23 07:41         0°%         2606 Sep 2 0 20 20 20 20 20 20 20 20 20 20 20 20  |                     | 2601 Nov 22 17:59 | 0° <b>∡</b> ¹                |             | max. Earth dist. | 2606 Jul 17 06:07 | 24° <b>5</b> 36'27      | 1.01642 AU  |
| 2602 Feb 19 0333 0°34 0°34 0°34 0°34 0°34 0°34 0°34   |                     | 2601 Dec 22 09:50 | 0°ප                          |             |                  | 2606 Jul 22 21:46 | $0 {\circ} \mathcal{O}$ |             |
| Part  | min. Earth dist.    | 2602 Jan 13 23:44 | 22° <b>る</b> 58'55           | 0.98354 AU  |                  | 2606 Aug 23 06:31 | O°Mp                    |             |
| 2602 May 21 05:12 0   |                     | 2602 Jan 20 21:00 |                              |             |                  | 2606 Sep 23 07:41 |                         |             |
| 2602 Apr 20 11:59   0°B   11:59   0°B   2602 May 21 07:04   0°H   11:59   2602 May 21 07:04   0°H   2602 May 21 07:04   0°H   2602 May 21 07:04   0°B   2602 May 21 07:04   0°B   2602 May 21 07:04   0°B   2602 May 21 12:18   0°B   2602 May 22 22:36   0°D   2602 May 21 10:22   0°P   2602 May 22 22:36   0°D   2602 May 21 10:22   0°P   2602 May 21 10:22   0°P   2602 May 21 10:22   0°P   2602 May 21 12:08   0°B   2602 May 21 12:37   0°B   2602 May 21 12:38   |                     | 2602 Feb 19 09:33 |                              |             |                  | 2606 Oct 23 21:22 |                         |             |
| Max. Earth dist.   2602 May 21 07.04   0°H  |                     | 2602 Mar 21 05:12 |                              |             |                  |                   |                         |             |
| Max. Earth dist.   2602 Jul 21 12:18   0°\$   1.01648 AU   2607 Feb 19 14:40   0°\$   1.000 P°\$   1.   |                     | •                 |                              |             |                  |                   |                         |             |
| Max. Earth dist.   2602 Jul 14 19:43   22°©15'15 1.01648 AU   2607 Feb 19 14:40   0°%   1.00°%  |                     | •                 |                              |             | min. Earth dist. |                   |                         | 0.98356 AU  |
| 2602 Aug 23 07:22 22:36   0°Ω   0°Ω   2607 Mar 21 10:22   0°Υ   0°Υ   0°Ω   2607 Aug 21 17:08   0°Δ   0°Δ   2607 Aug 21 17:08   0°Δ   0°Δ   2607 Aug 21 17:08   0°Δ   0°Δ   2607 Aug 21 17:04   0°Δ   |                     |                   |                              |             |                  |                   |                         |             |
| 2602 Aug 23 07:22   0° th   1208   2607 Apr 20 17:08   0° th   2602 Sep 23 08:31   0° th   2602 Sep 23 08:31   0° th   2607 Jun 21 17:14   0° th   2607 Jun 21 17:14   0° th   2607 Jun 21 17:14   0° th   2607 Jun 21 07:14   0° th   2607 Jun 21 17:14   0° th   2607 Jun 21 17:14   0° th   2607 Jun 21 17:14   0° th   2607 Jun 21 07:14   0° th   2607 Jun 21 17:14   0° th   2607 Jun 21 07:14  | max. Earth dist.    |                   |                              | 1.01648 AU  |                  |                   |                         |             |
| 2602 Sep 23 08:31   |                     |                   |                              |             |                  |                   |                         |             |
| 2602 Nov 22 23:42   0° \ \ 20   |                     | •                 |                              |             |                  | •                 |                         |             |
| Max. Earth dist.   2602 Nov 22 23:42   0° x²   0° 83   0.98353 AU   2607 Jul 16 06:04   23° 925'32   1.01644 AU   2602 Doc 22 15:37   0° 5   2607 Jul 23 03:25   0° Ω   0° № 1   0°  |                     | •                 |                              |             |                  | •                 |                         |             |
| Min. Earth dist.   2602 Dec 22 15:37   0°δ   24°δ25'38   0.98353 AU   2607 Jul 23 03:25   0°\$  |                     |                   |                              |             | may Earth dist   |                   |                         | 1.01644.411 |
| Min. Earth dist.   2603 Jan 15 15:30   24° ₹325'38   0.9835'3 AU   2607 Aug 23 12:09   0° ₹   1   |                     |                   |                              |             | max. Earth dist. |                   |                         | 1.01044 AU  |
| 2603 Jan 21 02:51 0°無   2603 Feb 19 15:26 0°光   2607 Nev 23 03:32 0°肌   2607 Nev 23 04:37 0°元   2608 Jan 12 12:57 0°玑   min. Earth dist.   2608 Jan 12 17:54 0°元   2608 Jan 12 17:54 0°元   2608 Jan 12 18:08 0°⑤ 2608 Jan 12 17:54 0°元   2608 Jan 12 17:54 0°元   2608 Jan 12 17:54 0°元   2608 Jan 12 18:08 0°⑥元   2608 Jan 12 17:54 0°元   2608 Jan 12 18:08 0°⑥元   2608 Jan 12 17:58 0°元   2608 Jan 12 18:08 0°元   2608 Jan 12 18:08 0°元   2608 Jan 12 18:08 0°元   2608 Jan 12 18:09 0°元   2608 Ja  | min Earth diat      |                   |                              | 0.00252 AII |                  |                   |                         |             |
| 2603 Feb 19 15:26   0°H   2607 Nov 23 04:37   0°M   2608 Nov 21 12:57   0°M   2608 Nov 23 04:35   0°M   2608 Nov 23 05:29   0°M   2608 Nov 23 05:39   0°M   2608 Nov 23 05  | IIIII. Eartii tist. |                   |                              | 0.98333 AU  |                  | •                 |                         |             |
| 2603 Mar 21 11:07   |                     |                   |                              |             |                  | *                 |                         |             |
| 2603 Apr 20 17:53 0°당 min. Earth dist. 2608 Jan 16 06:57 24°중52'03 0.98359 AU 2603 Jun 21 18:08 0°을 2608 Jun 16 06:57 24°중52'03 0.98359 AU 2603 Jun 21 18:08 0°을 2608 Jun 21 07:54 0°≈  max. Earth dist. 2608 Jul 16 09:16 23°©31'00 1.01642 AU 2608 Jun 21 07:54 0°≈  2603 Jul 23 04:25 0°Ω 2603 Aug 23 13:11 0°t  2608 Aug 20 17:58 0°t  2608 Aug 20 17:59 0°t  2608 Aug 20 18:55 0°t  27:59 14'07 1.01641 AUg 20 16:57 0°t  27:59 14'07 1.01641 AUg 20 16:57 0°t  2604 Aug 20 16:57 0°t  27:59 14'07 1.01641 AUg 20 16:59 120 18:40 0°t  27:59 14'07 1.01641 AUg 20 16:59 120 18:40 0°t  27:59 14'07 1.01641 AUg 20 16:59 120 18:40 0°t  27:59 14'07 1.01641 AUg 20 16:59 120 18:40 0°t  27:59 14'07 1.01641 AUg 20 16:59 120 18:40 0°t  27:59 14'07 1.01641 AUg 20 16:59 120 18:40 0°t  27:59 14'07 1.01641 AUg 20 16:50 0°t   |                     |                   |                              |             |                  |                   |                         |             |
| Max. Earth dist.   2603 May 21 12:57   0°耳   min. Earth dist.   2608 Jan 16 06:57   24°55'03   0.98359 AU   2603 Jan 21 18:08   0°⑤   2608 Jan 21 07:54   0°※   2608 Jan 21 07:54   0°%   2608 Jan 20 16:12   0°Ŷ   2603 Jan 23 13:11   0°阶   2603 Aug 23 13:11   0°阶   2603 Aug 23 13:11   0°阶   2603 Sep 23 14:18   0°⑤   2603 Sep 23 14:18   0°⑥   2603 Sep 23 14:18   0°⑥   2603 Jan 20 23:06   0°⑥   2608 Jan 20 23:06   0°⑥   2603 Jan 20 23:06   0°⑥   2608 Jan 20 23:06   0°⑥   2608 Jan 20 23:06   0°⑥   |                     |                   |                              |             |                  |                   |                         |             |
| Max. Earth dist.   2603 Jun 21 18:08   0°\$   2608 Jan 21 07:54   0°\$     Max. Earth dist.   2603 Jul 16 09:16   23°\$31'00   1.01642 AU   2608 Feb 19 20:31   0°\$     2603 Jul 23 04:25   0°\$   2608 Mar 20 16:12   0°\$     2603 Aug 23 13:11   0°\$   2608 Mar 20 16:12   0°\$     2603 Sep 23 14:18   0°\$   2608 Mar 20 17:58   0°\$     2603 Sep 23 14:18   0°\$   2608 Mar 20 17:58   0°\$     2603 Nov 23 05:29   0°\$   0°\$   1.01641 AU     2603 Dec 22 21:26   0°\$   0°\$   2608 Jul 20 23:06   0°\$     2603 Dec 22 21:26   0°\$   0°\$   2608 Jul 14 05:55   22°\$14'07   1.01641 AU     2603 Dec 22 21:26   0°\$   0°\$   2608 Jul 20 09:20   0°\$   0°\$     min. Earth dist.   2604 Jan 13 18:50   22°\$\$16'47   0.98355 AU   2608 Sep 22 19:16   0°\$   0°\$     2604 Feb 19 21:18   0°\$   1.01649 AU   2608 Dec 22 0:28   0°\$   0°\$     2604 Mar 20 16:57   0°\$ |                     | •                 |                              |             | min Farth dist   |                   |                         | 0.98359 AU  |
| max. Earth dist.  |                     | •                 |                              |             | mm. Bartii dist. |                   |                         | 0.70337710  |
| 2603 Jul 23 04:25   | max. Earth dist.    |                   |                              | 1.01642 AU  |                  |                   |                         |             |
| 2603 Aug 23 13:11 0°順   2608 Apr 19 22:57 0°号   2608 May 20 17:58 0°耳   2608 May 20 18:05 0°耳   2609 May 10 19:09 0°云 0.98353 AU 0°3    2609 May 20 18:05 0°耳   2609 May 20 18:05 0°3 0°3 0°3 0°3 0°3 0°3 0°3 0°3 0°3 0°3   | man. Darur dige.    |                   |                              | 1.010.2110  |                  |                   |                         |             |
| 2603 Sep 23 14:18   0°単   2608 May 20 17:58   0°耳   2608 May 20 17:58   0°耳   2608 May 20 17:58   0°耳   2608 Jun 20 23:06   0°⑤   1.01641 AU   2603 Nov 23 05:29   0°ズ   max. Earth dist.   2608 Jul 14 05:55   22°⑤14'07   1.01641 AU   2608 Jul 20 09:20   0°Ω   1.01641 AU   2604 Jun 13 18:50   22°♂16'47   0.98355 AU   2608 Aug 22 18:05   0°™   1.01641 AU   1.01641 A  |                     |                   |                              |             |                  |                   |                         |             |
| 2603 Oct 24 03:57   0°肌   2608 Jun 20 23:06   0°⑤   1.01641 AU 2603 Nov 23 05:29   0°水   max. Earth dist.   2608 Jul 14 05:55   22°⑤14'07   1.01641 AU 2608 Jul 14 05:55   22°⑥14'07   1.01641 AU 2608 Jul 15 0° 和 2608 Jul 14 05:55   0°阶 26  |                     |                   | -                            |             |                  | •                 |                         |             |
| min. Earth dist. 2603 Nov 23 05:29 の学   |                     | •                 | 0°M                          |             |                  | •                 |                         |             |
| min. Earth dist. 2604 Jan 13 18:50 22° 16'47 0.98355 AU 2608 Aug 22 18:05 0° 順 2604 Jan 21 08:42 0° 無 2604 Feb 19 21:18 0° 景 2604 Mar 20 16:57 0° 肾 2608 Nov 22 10:31 0° 景 2608 Nov 22 10:31 0° 景 2604 Mar 20 16:57 0° 肾 2608 Nov 22 10:31 0° 景 2608 Nov 22 10:31 0° 景 2608 More 20 02:28 0° 중 2604 Mar 20 18:36 0° 耳 min. Earth dist. 2609 Jan 13 19:39 23° 중07'18 0.98353 AU 2604 Jun 20 23:43 0° ⑤ 日 2604 Jun 20 23:43 0° ⑤ 日 2609 Jan 20 13:44 0° 無 2609 Jan 20 13:44 0° 無 2609 Jan 20 13:44 0° 無 2609 Feb 19 02:20 0° 景 2609 Feb 19 02:20  |                     | 2603 Nov 23 05:29 |                              |             | max. Earth dist. |                   | 22° <b>©</b> 14'07      | 1.01641 AU  |
| min. Earth dist. 2604 Jan 13 18:50 22° 16'47 0.98355 AU 2608 Aug 22 18:05 0° 順 2604 Jan 21 08:42 0° 無 2604 Feb 19 21:18 0° 景 2604 Mar 20 16:57 0° 肾 2608 Nov 22 10:31 0° 景 2608 Nov 22 10:31 0° 景 2604 Mar 20 16:57 0° 肾 2608 Nov 22 10:31 0° 景 2608 Nov 22 10:31 0° 景 2608 More 20 02:28 0° 중 2604 Mar 20 18:36 0° 耳 min. Earth dist. 2609 Jan 13 19:39 23° 중07'18 0.98353 AU 2604 Jun 20 23:43 0° ⑤ 日 2604 Jun 20 23:43 0° ⑤ 日 2609 Jan 20 13:44 0° 無 2609 Jan 20 13:44 0° 無 2609 Jan 20 13:44 0° 無 2609 Feb 19 02:20 0° 景 2609 Feb 19 02:20  |                     |                   |                              |             |                  |                   |                         |             |
| 2604 Feb 19 21:18 0°米 2608 Oct 23 08:58 0°  | min. Earth dist.    | 2604 Jan 13 18:50 |                              | 0.98355 AU  |                  | 2608 Aug 22 18:05 |                         |             |
| 2604 Mar 20 16:57 0°Y 2608 Nov 22 10:31 0°ネ 2604 Apr 19 23:38 0°と 2608 Dec 22 02:28 0°る 2608 May 20 18:36 0°耳 min. Earth dist. 2609 Jan 13 19:39 23°る7'18 0.98353 AU 2609 Jan 20 13:44 0°※ 2609 Jan 20 13:45 0°米 2609 Feb 19 02:20 0°米  |                     | 2604 Jan 21 08:42 | 0°≈                          |             |                  | 2608 Sep 22 19:16 | 0∘ <b>⊽</b>             |             |
| 2604 Apr 19 23:38 0°8 2604 Apr 20 18:36 0°耳 min. Earth dist. 2609 Jan 13 19:39 23°番07'18 0.98353 AU 2604 Jun 20 23:43 0°⑤ max. Earth dist. 2604 Jul 16 08:16 24°⑤12'25 1.01649 AU 2609 Feb 19 02:20 0°米   |                     | 2604 Feb 19 21:18 | 0° <b>)</b> €                |             |                  | 2608 Oct 23 08:58 | $0^{\circ}$ M           |             |
| 2604 May 20 18:36   0°I   min. Earth dist.   2609 Jan   13 19:39   23°₹07'18   0.98353 AU   2604 Jun   20 23:43   0°S   2609 Jan   20 13:44   0°≈   2609 Feb   19 02:20   0°¥   3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |                     | 2604 Mar 20 16:57 | $0$ ° $\mathbf{\Upsilon}$    |             |                  | 2608 Nov 22 10:31 | 0° <b>∡</b> ¹           |             |
| 2604 Jun 20 23:43 0°5 2609 Jan 20 13:44 0°≈<br>max. Earth dist. 2604 Jul 16 08:16 24°512'25 1.01649 AU 2609 Feb 19 02:20 0°★  |                     | 2604 Apr 19 23:38 | $9^{\circ}$ 8                |             |                  | 2608 Dec 22 02:28 | 5°0                     |             |
| max. Earth dist. 2604 Jul 16 08:16 24°5012′25 1.01649 AU 2609 Feb 19 02:20 0°₩  |                     | 2604 May 20 18:36 | $\Pi^{\circ}0$               |             | min. Earth dist. | 2609 Jan 13 19:39 | 23° <b>る</b> 07'18      | 0.98353 AU  |
|   |                     | 2604 Jun 20 23:43 | $0$ $\circ$ $\odot$          |             |                  | 2609 Jan 20 13:44 |                         |             |
| 2604 Jul 22 09:58 0° $\Omega$ 2609 Mar 20 21:59 0° $\Upsilon$   | max. Earth dist.    | 2604 Jul 16 08:16 |                              | 1.01649 AU  |                  | 2609 Feb 19 02:20 |                         |             |
|   |                     | 2604 Jul 22 09:58 | $0$ ° $\Omega$               |             |                  | 2609 Mar 20 21:59 | $0^{\circ}\Upsilon$     |             |

|                  | 2609 Apr 20 04:44                      | 0°8                          |   |                   | 2614 Jan 20 19:00                      | 0° <b>≈</b>                       |             |
|------------------|--|------------------------------|---|-------------------|--|-----------------------------------|-------------|
|                  | 2609 May 20 23:45                      | $\Pi^{\circ}0$               |   |                   | 2614 Feb 19 07:33                      | 0° <b>∀</b>                       |             |
|                  | 2609 Jun 21 04:56                      | 0ಂತ                          |   |                   | 2614 Mar 21 03:10                      | 0° <b>Υ</b>                       |             |
| max. Earth dist. | 2609 Jul 17 02:52                      | 24°5944'20                   | 1.01646 AU                              |                   | 2614 Apr 20 09:54                      | 0°8                               |             |
|                  | 2609 Jul 22 15:11                      | $0 {\circ} \Omega$           |   |                   | 2614 May 21 04:55                      | $\Pi^{\circ}0$                    |             |
|                  | 2609 Aug 22 23:58                      | O° <b>m</b>                  |   |                   | 2614 Jun 21 10:07                      | $0$ $\circ$ $60$                  |             |
|                  | 2609 Sep 23 01:08                      | 0∘ <b>⊽</b>                  |   | max. Earth dist.  | 2614 Jul 16 20:43                      |                                   | 1.01645 AU  |
|                  | 2609 Oct 23 14:48                      | 0°M₊                         |   |                   | 2614 Jul 22 20:24                      | $0 {\circ} \Omega$                |             |
|                  | 2609 Nov 22 16:20                      | 0°⊀                          |   |                   | 2614 Aug 23 05:12                      | O° My                             |             |
|                  | 2609 Dec 22 08:15                      | 0° <b>ප</b>                  |   |                   | 2614 Sep 23 06:24                      | 0。 <b>⊽</b>                       |             |
| min. Earth dist. | 2610 Jan 13 12:21                      | 22° <b>る</b> 33'46           | 0.98358 AU                              |                   | 2614 Oct 23 20:08                      | 0°M₊                              |             |
|                  | 2610 Jan 20 19:30                      | 0° <b>≈</b>                  |   |                   | 2614 Nov 22 21:43                      | 0°⊀                               |             |
|                  | 2610 Feb 19 08:07                      | 0° <b>∀</b>                  |   |                   | 2614 Dec 22 13:41                      | 0°ಕ                               |             |
|                  | 2610 Mar 21 03:47                      | $0$ ° $\mathbf{\gamma}$      |   | min. Earth dist.  | 2615 Jan 13 11:03                      |                                   | 0.98354 AU  |
|                  | 2610 Apr 20 10:33                      | $0^{\circ}S$                 |   |                   | 2615 Jan 21 00:55                      | 0° <b>≈</b>                       |             |
|                  | 2610 May 21 05:34                      | $\Pi^{\circ}0$               |   |                   | 2615 Feb 19 13:29                      | 0° <b>)</b> €                     |             |
|                  | 2610 Jun 21 10:45                      | $0$ $\circ$                  |   |                   | 2615 Mar 21 09:06                      | $0$ ° $\mathbf{\gamma}$           |             |
| max. Earth dist. | 2610 Jul 15 04:16                      | 22° <b>©</b> 39'22           | 1.01647 AU                              |                   | 2615 Apr 20 15:45                      | $_{0\circ}$ 8                     |             |
|                  | 2610 Jul 22 21:01                      | $0 {\circ} \Omega$           |   |                   | 2615 May 21 10:41                      | $\Pi^{\circ}0$                    |             |
|                  | 2610 Aug 23 05:47                      | O° My                        |   |                   | 2615 Jun 21 15:46                      | $0$ $\circ$ $\odot$               |             |
|                  | 2610 Sep 23 06:57                      | 0∘ <b>⊽</b>                  |   | max. Earth dist.  | 2615 Jul 16 16:15                      |                                   | 1.01648 AU  |
|                  | 2610 Oct 23 20:37                      | 0°M₊                         |   |                   | 2615 Jul 23 02:00                      | $0^{\circ}\Omega$                 |             |
|                  | 2610 Nov 22 22:08                      | 0° <b>∡</b>                  |   |                   | 2615 Aug 23 10:48                      | 0° <b>т</b> р                     |             |
|                  | 2610 Dec 22 14:03                      | 0°₹                          |   |                   | 2615 Sep 23 12:01                      | 0∘ <b>ত</b>                       |             |
| min. Earth dist. | 2611 Jan 15 17:35                      | 24° <b>⋜</b> 34'47           | 0.98356 AU                              |                   | 2615 Oct 24 01:47                      | 0°M                               |             |
|                  | 2611 Jan 21 01:20                      | 0° <b>≈</b>                  |   |                   | 2615 Nov 23 03:25                      | 0° <b>⊼</b>                       |             |
|                  | 2611 Feb 19 13:58                      | 0° <b>∀</b>                  |   |                   | 2615 Dec 22 19:27                      | 0°る                               | 0.00260.444 |
|                  | 2611 Mar 21 09:42                      | 0° <b>Υ</b>                  |   | min. Earth dist.  | 2616 Jan 16 07:09                      |                                   | 0.98360 AU  |
|                  | 2611 Apr 20 16:29                      | 8°0                          |   |                   | 2616 Jan 21 06:45                      | 0° <b>≈</b>                       |             |
|                  | 2611 May 21 11:31                      | 0°©<br>0°∏                   |   |                   | 2616 Feb 19 19:21                      | 0° <b>ℋ</b><br>0° <b>Ƴ</b>        |             |
| max. Earth dist. | 2611 Jun 21 16:40                      | 23° <b>©</b> 05'29           | 1.01641 AU                              |                   | 2616 Mar 20 14:58                      | 0° <b>∀</b>                       |             |
| max. Earth tist. | 2611 Jul 15 21:04<br>2611 Jul 23 02:56 | 23 <b>3</b> 03 29            | 1.01041 AU                              |                   | 2616 Apr 19 21:36                      | 0°II                              |             |
|                  | 2611 Aug 23 11:42                      | 0° <b>m</b> )                |   |                   | 2616 May 20 16:31<br>2616 Jun 20 21:36 | 0°©                               |             |
|                  | 2611 Sep 23 12:53                      | 0∘ <b>ʊ</b>                  |   | max. Earth dist.  | 2616 Jul 14 08:56                      | 22° <b>©</b> 24'52                | 1.01644 AU  |
|                  | 2611 Oct 24 02:33                      | 0° <b>™</b>                  |   | max. Lartii dist. | 2616 Jul 22 07:50                      | 0°Ω                               | 1.01044 AC  |
|                  | 2611 Nov 23 04:05                      | 0° <b>⊼</b> ¹                |   |                   | 2616 Aug 22 16:40                      | 0° <b>m</b>                       |             |
|                  | 2611 Dec 22 20:01                      | °5                           |   |                   | 2616 Sep 22 17:57                      | 0∘ <b>ಹ</b><br>೧.೫                |             |
| min. Earth dist. | 2612 Jan 13 21:26                      |                              | 0.98353 AU                              |                   | 2616 Oct 23 07:44                      | 0° <b>M</b>                       |             |
|                  | 2612 Jan 21 07:15                      | 0° <b>≈</b>                  | *************************************** |                   | 2616 Nov 22 09:20                      | 0° <b>∡</b> 7                     |             |
|                  | 2612 Feb 19 19:50                      | 0° <b>)</b> €                |   |                   | 2616 Dec 22 01:18                      | 0°⋜                               |             |
|                  | 2612 Mar 20 15:29                      | $0^{\circ}\Upsilon$          |   | min. Earth dist.  | 2617 Jan 14 04:34                      |                                   | 0.98352 AU  |
|                  | 2612 Apr 19 22:13                      | 0°8                          |   |                   | 2617 Jan 20 12:34                      | 0° <b>≈</b>                       |             |
|                  | 2612 May 20 17:12                      | 0°Ⅲ                          |   |                   | 2617 Feb 19 01:09                      | 0° <b>∀</b>                       |             |
|                  | 2612 Jun 20 22:19                      | 0°ಅ                          |   |                   | 2617 Mar 20 20:46                      | $0$ ° $\Upsilon$                  |             |
| max. Earth dist. | 2612 Jul 16 15:28                      | 24° <b>©</b> 32'55           | 1.01648 AU                              |                   | 2617 Apr 20 03:25                      | 0°8                               |             |
|                  | 2612 Jul 22 08:34                      | $0^{\circ}\Omega$            |   |                   | 2617 May 20 22:21                      | $\Pi^{\circ}0$                    |             |
|                  | 2612 Aug 22 17:23                      | O° <b>m</b> p                |   |                   | 2617 Jun 21 03:26                      | $0$ $\circ$ $\odot$               |             |
|                  | 2612 Sep 22 18:38                      | 0∘ <b>ত</b>                  |   | max. Earth dist.  | 2617 Jul 17 09:17                      | 25° <b>©</b> 03'17                | 1.01645 AU  |
|                  | 2612 Oct 23 08:24                      | $0^{\circ}$ M.               |   |                   | 2617 Jul 22 13:40                      | $0^{\circ}\Omega$                 |             |
|                  | 2612 Nov 22 09:58                      | 0° <b>∡</b> ¹                |   |                   | 2617 Aug 22 22:29                      | O° Mp                             |             |
|                  | 2612 Dec 22 01:54                      | 0°ප                          |   |                   | 2617 Sep 22 23:45                      | 0∘ <b>ত</b>                       |             |
| min. Earth dist. | 2613 Jan 14 11:11                      | 23° <b>る</b> 48'17           | 0.98355 AU                              |                   | 2617 Oct 23 13:31                      | 0°M                               |             |
|                  | 2613 Jan 20 13:06                      | 0° <b>≈</b>                  |   |                   | 2617 Nov 22 15:07                      | 0° <b>∡</b> ¹                     |             |
|                  | 2613 Feb 19 01:39                      | 0° <b>∀</b>                  |   |                   | 2617 Dec 22 07:04                      | 0°₹                               |             |
|                  | 2613 Mar 20 21:16                      | $0^{\circ}\mathbf{\Upsilon}$ |   | min. Earth dist.  | 2618 Jan 13 07:05                      |                                   | 0.98356 AU  |
|                  | 2613 Apr 20 03:59                      | 0°8                          |   |                   | 2618 Jan 20 18:18                      | 0° <b>≈</b>                       |             |
|                  | 2613 May 20 22:59                      | 0°II                         |   |                   | 2618 Feb 19 06:53                      | 0° <b>∀</b>                       |             |
|                  | 2613 Jun 21 04:09                      | 0°€                          |   |                   | 2618 Mar 21 02:31                      | 0° <b>Υ</b>                       |             |
| max. Earth dist. | 2613 Jul 14 13:17                      | 22° <b>©</b> 19'24           | 1.01649 AU                              |                   | 2618 Apr 20 09:12                      | 0° <b>B</b>                       |             |
|                  | 2613 Jul 22 14:27                      | 0° <b>N</b>                  |   |                   | 2618 May 21 04:09                      | 0° <b>I</b> I                     |             |
|                  | 2613 Aug 22 23:18                      | 0° <b>™</b>                  |   | may Etl L'        | 2618 Jun 21 09:14                      | 0°50                              | 1.01/45 417 |
|                  | 2613 Sep 23 00:33                      | 0° <b>™</b><br>0° <b>亚</b>   |   | max. Earth dist.  | 2618 Jul 15 15:52                      | 23° <b>©</b> 10'46<br>0° <b>Ω</b> | 1.01645 AU  |
|                  | 2613 Oct 23 14:19<br>2613 Nov 22 15:53 | 0°111⊾                       |   |                   | 2618 Jul 22 19:26                      | 0° <b>m</b> y                     |             |
|                  | 2613 Nov 22 13.33<br>2613 Dec 22 07:48 | 0°중                          |   |                   | 2618 Aug 23 04:12<br>2618 Sep 23 05:25 | 0ം <b>ਦ</b><br>௳⊯                 |             |
| min. Earth dist. | 2614 Jan 15 01:58                      |                              | 0.98349 AU                              |                   | 2618 Oct 23 19:11                      | 0° <b>M</b>                       |             |
| mm. Latui Uist.  | 2017 Juli 13 01.30                     | 24 0110/                     | 0.70377 AU                              |                   | 2010 001 23 19.11                      | O IIG                             |             |

|                     | 2610 N 22, 20-40  | 00.7                            |             |                     | 2(22 A 22 00.50   | 00 m                         |             |
|---------------------|-------------------|---------------------------------|-------------|---------------------|-------------------|------------------------------|-------------|
|                     | 2618 Nov 22 20:49 | 0° <b>∡</b>                     |             |                     | 2623 Aug 23 08:59 | 0° <b>m</b> )                |             |
|                     | 2618 Dec 22 12:49 | 0° <b>る</b>                     |             |                     | 2623 Sep 23 10:15 | 0∘ <b>ত</b>                  |             |
| min. Earth dist.    | 2619 Jan 16 00:30 | 24° <b>る</b> 55'32              | 0.98357 AU  |                     | 2623 Oct 24 00:03 | 0° <b>M</b>                  |             |
|                     | 2619 Jan 21 00:05 | 0° <b>≈</b>                     |             |                     | 2623 Nov 23 01:42 | 0° <b>∡</b> ¹                |             |
|                     | 2619 Feb 19 12:41 | 0° <b>∀</b>                     |             |                     | 2623 Dec 22 17:43 | 0°₹                          |             |
|                     | 2619 Mar 21 08:21 | $0$ ° $\Upsilon$                |             | min. Earth dist.    | 2624 Jan 15 21:34 | 24° <b>る</b> 35'29           | 0.98359 AU  |
|                     | 2619 Apr 20 15:03 | $8^{\circ}$                     |             |                     | 2624 Jan 21 04:59 | 0° <b>≈</b>                  |             |
|                     | 2619 May 21 10:01 | $\Pi^{\circ}0$                  |             |                     | 2624 Feb 19 17:34 | 0° <b>)</b> €                |             |
|                     | 2619 Jun 21 15:06 | $0$ $\circ$ $\odot$             |             |                     | 2624 Mar 20 13:10 | $0^{\circ}\mathbf{\Upsilon}$ |             |
| max. Earth dist.    | 2619 Jul 15 11:21 | 22°5946'12                      | 1.01638 AU  |                     | 2624 Apr 19 19:48 | 0°B                          |             |
|                     | 2619 Jul 23 01:18 | $0^{\circ}\Omega$               |             |                     | 2624 May 20 14:42 | $\Pi^{\circ}0$               |             |
|                     | 2619 Aug 23 10:03 | 0° m/                           |             |                     | 2624 Jun 20 19:46 | 0°©                          |             |
|                     | 2619 Sep 23 11:15 | $0 \circ \overline{\mathbf{v}}$ |             | max. Earth dist.    | 2624 Jul 14 09:43 | 22° <b>©</b> 31'05           | 1.01644 AU  |
|                     | 2619 Oct 24 01:01 | 0°M                             |             |                     | 2624 Jul 22 05:59 | $0^{\circ}\Omega$            |             |
|                     | 2619 Nov 23 02:39 | 0° <b>∡</b> 7                   |             |                     | 2624 Aug 22 14:49 | 0° m)                        |             |
|                     | 2619 Dec 22 18:40 | °ਨ<br>ਨ                         |             |                     | 2624 Sep 22 16:09 | 0∘ <b>⊽</b>                  |             |
| min. Earth dist.    | 2620 Jan 14 08:31 | 22° <b>る</b> 58'45              | 0.98354 AU  |                     | 2624 Oct 23 06:00 | o° <b>m</b>                  |             |
| iiiii. Eartii tist. |                   | 0°≈                             | 0.96554 AU  |                     |                   | 0° <b>⊼</b> ¹                |             |
|                     | 2620 Jan 21 05:57 | 0 <b>≈</b><br>0° <b>∀</b>       |             |                     | 2624 Nov 22 07:39 |                              |             |
|                     | 2620 Feb 19 18:31 |                                 |             | : E 4 E 4           | 2624 Dec 21 23:37 | 0°る                          | 0.00240.411 |
|                     | 2620 Mar 20 14:06 | $^{\circ \gamma}$               |             | min. Earth dist.    | 2625 Jan 14 13:28 | 24° <b>る</b> 00'03           | 0.98349 AU  |
|                     | 2620 Apr 19 20:44 | 0° <b>8</b>                     |             |                     | 2625 Jan 20 10:50 | 0° <b>≈</b>                  |             |
|                     | 2620 May 20 15:38 | 0°Щ                             |             |                     | 2625 Feb 18 23:21 | 0° <b>)</b>                  |             |
|                     | 2620 Jun 20 20:43 | 0∘ <b>ௐ</b>                     |             |                     | 2625 Mar 20 18:55 | 0° <b>Υ</b>                  |             |
| max. Earth dist.    | 2620 Jul 16 21:26 |                                 | 1.01645 AU  |                     | 2625 Apr 20 01:33 | 0° <b>8</b>                  |             |
|                     | 2620 Jul 22 06:54 | $0 { m s} \Omega$               |             |                     | 2625 May 20 20:29 | $\Pi$ $\circ$ 0              |             |
|                     | 2620 Aug 22 15:41 | 0° <b>m</b> p                   |             |                     | 2625 Jun 21 01:36 | $0$ $\circ$ $\odot$          |             |
|                     | 2620 Sep 22 16:56 | 0∘ <b>⊽</b>                     |             | max. Earth dist.    | 2625 Jul 17 05:35 | 24° <b>©</b> 58'52           | 1.01645 AU  |
|                     | 2620 Oct 23 06:43 | 0°M                             |             |                     | 2625 Jul 22 11:51 | $0 ^{\circ} \Omega$          |             |
|                     | 2620 Nov 22 08:22 | 0° <b>∡</b> ¹                   |             |                     | 2625 Aug 22 20:41 | 0° <b>m</b> y                |             |
|                     | 2620 Dec 22 00:23 | 8°0                             |             |                     | 2625 Sep 22 21:59 | 0∘ <b>ত</b>                  |             |
| min. Earth dist.    | 2621 Jan 14 02:29 | 23° <b>る</b> 29'46              | 0.98360 AU  |                     | 2625 Oct 23 11:49 | 0° <b>M</b>                  |             |
|                     | 2621 Jan 20 11:40 | 0° <b>≈</b>                     |             |                     | 2625 Nov 22 13:29 | 0° <b>∡</b> ¹                |             |
|                     | 2621 Feb 19 00:14 | 0° <b>)</b> €                   |             |                     | 2625 Dec 22 05:29 | 0°ಕ                          |             |
|                     | 2621 Mar 20 19:49 | $0^{\circ}\mathbf{\Upsilon}$    |             | min. Earth dist.    | 2626 Jan 13 08:10 | 22° <b>る</b> 30'13           | 0.98354 AU  |
|                     | 2621 Apr 20 02:27 | 0°8                             |             |                     | 2626 Jan 20 16:42 | 0° <b>≈</b>                  |             |
|                     | 2621 May 20 21:22 | $\Pi^{\circ}0$                  |             |                     | 2626 Feb 19 05:13 | 0° <b>₩</b>                  |             |
|                     | 2621 Jun 21 02:28 | 0ಂಣ                             |             |                     | 2626 Mar 21 00:46 | $0^{\circ}$ Y                |             |
| max. Earth dist.    | 2621 Jul 14 19:09 | 22° <b>©</b> 37'27              | 1.01648 AU  |                     | 2626 Apr 20 07:23 | 0° <b>႘</b>                  |             |
|                     | 2621 Jul 22 12:44 | $0^{\circ}\Omega$               |             |                     | 2626 May 21 02:17 | 0°П                          |             |
|                     | 2621 Aug 22 21:33 | 0° mp                           |             |                     | 2626 Jun 21 07:22 | 0°©                          |             |
|                     | 2621 Sep 22 22:48 | 0∘ <b>ರ</b><br>∘ .ಚ             |             | max. Earth dist.    | 2626 Jul 16 00:20 | 23° <b>©</b> 35'18           | 1.01647 AU  |
|                     | 2621 Oct 23 12:34 | 0°M                             |             | man. Darm dist.     | 2626 Jul 22 17:36 | 0°Ω                          | 1.010.77110 |
|                     | 2621 Nov 22 14:09 | 0° <b>⊼</b> 7                   |             |                     | 2626 Aug 23 02:24 | 0° <b>m</b> )                |             |
|                     | 2621 Dec 22 06:08 | 0°ਤ                             |             |                     | 2626 Sep 23 03:40 | 0∘ <del>ত</del><br>مالا      |             |
| min. Earth dist.    | 2622 Jan 15 08:37 | 24°る32'10                       | 0.98355 AU  |                     | 2626 Oct 23 17:29 | 0° <b>™</b>                  |             |
| mm. Larm dist.      | 2622 Jan 20 17:24 | 0°≈                             | 0.76333 AO  |                     | 2626 Nov 22 19:11 | 0° <b>⊼</b> ¹                |             |
|                     | 2622 Feb 19 05:59 | 0° <b>∀</b>                     |             |                     | 2626 Dec 22 11:14 | % ਠ                          |             |
|                     | 2622 Mar 21 01:37 | 0° <b>Υ</b>                     |             | min. Earth dist.    | 2627 Jan 16 04:48 | 0 0<br>25° <b>る</b> 10'24    | 0.98358 AU  |
|                     |                   |                                 |             | IIIII. Eartii tist. |                   |                              | 0.96556 AU  |
|                     | 2622 Apr 20 08:18 | 0°B                             |             |                     | 2627 Jan 20 22:32 | 0° <b>€</b>                  |             |
|                     | 2622 May 21 03:15 |                                 |             |                     | 2627 Feb 19 11:07 |                              |             |
|                     | 2622 Jun 21 08:22 | 0.ಎ                             | 1.01640.411 |                     | 2627 Mar 21 06:41 | 0°Υ<br>•••                   |             |
| max. Earth dist.    | 2622 Jul 16 09:46 | 23° <b>©</b> 55'32              | 1.01642 AU  |                     | 2627 Apr 20 13:18 | 0° <b>B</b>                  |             |
|                     | 2622 Jul 22 18:37 | 0° <b>N</b>                     |             |                     | 2627 May 21 08:11 | 0°Щ                          |             |
|                     | 2622 Aug 23 03:26 | 0° mp                           |             |                     | 2627 Jun 21 13:15 | 0°©                          |             |
|                     | 2622 Sep 23 04:40 | 0∘ <b>⊽</b>                     |             | max. Earth dist.    | 2627 Jul 15 05:59 | 22° <b>©</b> 37'46           | 1.01641 AU  |
|                     | 2622 Oct 23 18:24 | 0°M₊                            |             |                     | 2627 Jul 22 23:29 | $0$ $\circ$ $\Omega$         |             |
|                     | 2622 Nov 22 19:59 | 0° <b>∡</b>                     |             |                     | 2627 Aug 23 08:19 | 0° <b>m</b> )                |             |
|                     | 2622 Dec 22 11:57 | 0° <b>る</b>                     |             |                     | 2627 Sep 23 09:35 | 0∘ <b>⊽</b>                  |             |
| min. Earth dist.    | 2623 Jan 13 11:35 | 22° <b>る</b> 22'30              | 0.98355 AU  |                     | 2627 Oct 23 23:24 | $0^{\circ}$ M                |             |
|                     | 2623 Jan 20 23:12 | 0° <b>≈</b>                     |             |                     | 2627 Nov 23 01:06 | 0° <b>∡</b> ¹                |             |
|                     | 2623 Feb 19 11:48 | 0° <b>)</b> €                   |             |                     | 2627 Dec 22 17:10 | 5°0                          |             |
|                     | 2623 Mar 21 07:26 | $0^{\circ}\Upsilon$             |             | min. Earth dist.    | 2628 Jan 14 17:45 | 23° <b>る</b> 26'01           | 0.98355 AU  |
|                     | 2623 Apr 20 14:05 | $9^{\circ}$ 8                   |             |                     | 2628 Jan 21 04:29 | 0° <b>≈</b> ≈                |             |
|                     | 2623 May 21 08:59 | $\Pi^{\circ}0$                  |             |                     | 2628 Feb 19 17:03 | 0° <b>∀</b>                  |             |
|                     | 2623 Jun 21 14:00 | $0$ $\circ$ $\odot$             |             |                     | 2628 Mar 20 12:36 | $0^{\circ}$ Y                |             |
| max. Earth dist.    | 2623 Jul 17 01:48 | 24° <b>©</b> 20'18              | 1.01646 AU  |                     | 2628 Apr 19 19:09 | $0^{\circ}$ 8                |             |
|                     | 2623 Jul 23 00:12 | $0^{\circ}\Omega$               |             |                     | 2628 May 20 13:58 | $\Pi^{\circ}0$               |             |
|                     |                   |                                 |             |                     |                   |                              |             |

|                  | 2628 Jun 20 18:59                      | 0° <b>©</b>               |             |                      | 2633 Mar 20 17:45                      | $_0$ ° $\Upsilon$            |             |
|------------------|--|---------------------------|-------------|----------------------|--|------------------------------|-------------|
| max. Earth dist. | 2628 Jul 17 05:22                      | 0 S<br>25°S14'08          | 1.01645 AU  |                      | 2633 Apr 20 00:20                      | 0° <b>8</b>                  |             |
| max. Earm dist.  | 2628 Jul 22 05:11                      | 23 <b>3</b> 1408          | 1.01043 AU  |                      | 2633 May 20 19:13                      | 0°U                          |             |
|                  | 2628 Aug 22 14:02                      | 0° <b>m</b> y             |             |                      | 2633 Jun 21 00:17                      | 0°©                          |             |
|                  | 2628 Sep 22 15:22                      | 0∘ <b>ʊ</b><br>○ '₩       |             | max. Earth dist.     | 2633 Jul 16 22:40                      |                              | 1.01644 AU  |
|                  | 2628 Oct 23 05:14                      | 0°M                       |             | max. Earth dist.     | 2633 Jul 22 10:32                      | 0°Ω                          | 1.01044 AU  |
|                  | 2628 Nov 22 06:56                      | 0° <b>⊼</b>               |             |                      | 2633 Aug 22 19:23                      | 0° mp                        |             |
|                  | 2628 Dec 21 22:59                      | ⊙ੰਤ                       |             |                      | 2633 Sep 22 20:42                      | 0° <del>ت</del><br>مالا      |             |
| min. Earth dist. | 2629 Jan 13 15:34                      | 23° <b>る</b> 05'29        | 0.98360 AU  |                      | 2633 Oct 23 10:32                      | 0° <b>™</b>                  |             |
|                  | 2629 Jan 20 10:17                      | 0°≈                       |             |                      | 2633 Nov 22 12:12                      | 0° <b>⊼</b> 7                |             |
|                  | 2629 Feb 18 22:51                      | 0° <b>)</b> €             |             |                      | 2633 Dec 22 04:13                      | ਰ°ਹ                          |             |
|                  | 2629 Mar 20 18:25                      | $0^{\circ}\Upsilon$       |             | min. Earth dist.     | 2634 Jan 13 07:21                      | 22° <b>る</b> 31'20           | 0.98355 AU  |
|                  | 2629 Apr 20 00:59                      | 0°8                       |             |                      | 2634 Jan 20 15:29                      | 0° <b>≈</b>                  |             |
|                  | 2629 May 20 19:49                      | 0°II                      |             |                      | 2634 Feb 19 04:02                      | 0° <b>)</b> €                |             |
|                  | 2629 Jun 21 00:51                      | $0$ $\circ$ $\odot$       |             |                      | 2634 Mar 20 23:35                      | $0^{\circ}\Upsilon$          |             |
| max. Earth dist. | 2629 Jul 15 05:36                      | 23° <b>©</b> 06'17        | 1.01647 AU  |                      | 2634 Apr 20 06:10                      | 0°8                          |             |
|                  | 2629 Jul 22 11:04                      | $0^{\circ}\Omega$         |             |                      | 2634 May 21 01:01                      | $\Pi^{\circ}0$               |             |
|                  | 2629 Aug 22 19:56                      | o° mp                     |             |                      | 2634 Jun 21 06:03                      | 0°ಅ                          |             |
|                  | 2629 Sep 22 21:16                      | 0∘ <b>⊽</b>               |             | max. Earth dist.     | 2634 Jul 16 10:31                      | 24°9502'48                   | 1.01647 AU  |
|                  | 2629 Oct 23 11:07                      | 0° <b>M</b>               |             |                      | 2634 Jul 22 16:15                      | $0^{\circ}\Omega$            |             |
|                  | 2629 Nov 22 12:48                      | 0°⊀                       |             |                      | 2634 Aug 23 01:05                      | 0° <b>m</b>                  |             |
|                  | 2629 Dec 22 04:48                      | 0°ರ                       |             |                      | 2634 Sep 23 02:22                      | 0∘ <b>⊽</b>                  |             |
| min. Earth dist. | 2630 Jan 15 15:03                      | 24° <b>る</b> 51'53        | 0.98355 AU  |                      | 2634 Oct 23 16:12                      | 0°M                          |             |
|                  | 2630 Jan 20 16:04                      | 0°≈                       |             |                      | 2634 Nov 22 17:53                      | 0° <b>∡</b> ¹                |             |
|                  | 2630 Feb 19 04:39                      | 0° <b>)</b> €             |             |                      | 2634 Dec 22 09:54                      | 8°0                          |             |
|                  | 2630 Mar 21 00:15                      | $0^{\circ}$ Y             |             | min. Earth dist.     | 2635 Jan 15 23:04                      | 24° <b>る</b> 59'11           | 0.98359 AU  |
|                  | 2630 Apr 20 06:55                      | $9^{\circ}$ 8             |             |                      | 2635 Jan 20 21:12                      | 0° <b>≈</b>                  |             |
|                  | 2630 May 21 01:49                      | $\Pi^{\circ}0$            |             |                      | 2635 Feb 19 09:47                      | 0° <b>∀</b>                  |             |
|                  | 2630 Jun 21 06:53                      | $0$ $\circ$ $\odot$       |             |                      | 2635 Mar 21 05:21                      | $0^{\circ}$ Y                |             |
| max. Earth dist. | 2630 Jul 15 21:53                      | 23° <b>©</b> 30'51        | 1.01640 AU  |                      | 2635 Apr 20 11:57                      | 0°8                          |             |
|                  | 2630 Jul 22 17:06                      | $0$ ° $\Omega$            |             |                      | 2635 May 21 06:49                      | $\Pi$ $^{\circ}0$            |             |
|                  | 2630 Aug 23 01:54                      | 0° <b>m</b> y             |             |                      | 2635 Jun 21 11:50                      | 0°€                          |             |
|                  | 2630 Sep 23 03:11                      | 0∘ <b>⊽</b>               |             | max. Earth dist.     | 2635 Jul 15 04:25                      | 22° <b>©</b> 37'23           | 1.01643 AU  |
|                  | 2630 Oct 23 17:02                      | 0°M₊                      |             |                      | 2635 Jul 22 22:03                      | $0^{\circ}\Omega$            |             |
|                  | 2630 Nov 22 18:43                      | 0° <b>∡</b> 7             |             |                      | 2635 Aug 23 06:55                      | O° <b>m</b> y                |             |
|                  | 2630 Dec 22 10:44                      | 8°0                       |             |                      | 2635 Sep 23 08:15                      | 0∘ <b>⊽</b>                  |             |
| min. Earth dist. | 2631 Jan 13 19:37                      | 22° <b>る</b> 46'03        | 0.98355 AU  |                      | 2635 Oct 23 22:07                      | 0°M₊                         |             |
|                  | 2631 Jan 20 22:01                      | 0° <b>≈</b>               |             |                      | 2635 Nov 22 23:49                      | 0° <b>∡</b>                  |             |
|                  | 2631 Feb 19 10:36                      | 0° <b>∀</b>               |             |                      | 2635 Dec 22 15:52                      | 0° <b>る</b>                  |             |
|                  | 2631 Mar 21 06:11                      | 0° <b>Υ</b>               |             | min. Earth dist.     | 2636 Jan 15 01:13                      | 23° <b>る</b> 48'32           | 0.98352 AU  |
|                  | 2631 Apr 20 12:48                      | 0°8                       |             |                      | 2636 Jan 21 03:07                      | 0° <b>≈</b>                  |             |
|                  | 2631 May 21 07:39                      | 0°Щ                       |             |                      | 2636 Feb 19 15:39                      | 0° <b>)</b> €                |             |
|                  | 2631 Jun 21 12:38                      | 0°95                      |             |                      | 2636 Mar 20 11:10                      | 0° <b>Υ</b>                  |             |
| max. Earth dist. | 2631 Jul 17 09:23                      | 24°5941'42                | 1.01643 AU  |                      | 2636 Apr 19 17:42                      | 0° <b>8</b>                  |             |
|                  | 2631 Jul 22 22:47                      | 0° <b>N</b>               |             |                      | 2636 May 20 12:31                      | 0° <b>I</b>                  |             |
|                  | 2631 Aug 23 07:33                      | 0° m/                     |             | n d ti               | 2636 Jun 20 17:31                      | 0.02<br>0.02                 | 1.01645.444 |
|                  | 2631 Sep 23 08:50                      | 0∘ <b>亚</b>               |             | max. Earth dist.     | 2636 Jul 17 07:12                      | 25°\$22'02                   | 1.01645 AU  |
|                  | 2631 Oct 23 22:42                      | 0°M.                      |             |                      | 2636 Jul 22 03:43                      | 0° <b>N</b>                  |             |
|                  | 2631 Nov 23 00:26                      | 0°る                       |             |                      | 2636 Aug 22 12:35<br>2636 Sep 22 13:58 | 0 <b>் ம</b><br>0° <b>மி</b> |             |
| min Earth diat   | 2631 Dec 22 16:31                      |                           | 0.00261 ATT |                      |  | 0° <b>11</b>                 |             |
| min. Earth dist. | 2632 Jan 15 14:57<br>2632 Jan 21 03:50 | 24°る21'32<br>0°≈          | 0.98361 AU  |                      | 2636 Oct 23 03:55                      | 0° 11℃<br>0° <b>2</b> 7      |             |
|                  | 2632 Feb 19 16:25                      | 0 <b>≈</b><br>0° <b>∀</b> |             |                      | 2636 Nov 22 05:39<br>2636 Dec 21 21:42 | ್ತು<br>0°ವ                   |             |
|                  | 2632 Mar 20 11:58                      | 0° <b>Υ</b>               |             | min. Earth dist.     | 2637 Jan 13 10:50                      | 22° <b>る</b> 56'48           | 0.98355 AU  |
|                  | 2632 Apr 19 18:32                      | 0°8                       |             | iiiii. Eartii tiist. | 2637 Jan 20 08:56                      | 0° <b>≈</b>                  | 0.96333 AU  |
|                  | 2632 May 20 13:23                      | 0°II                      |             |                      | 2637 Feb 18 21:25                      | 0° <b>∀</b>                  |             |
|                  | 2632 Jun 20 18:25                      | 0°©                       |             |                      | 2637 Mar 20 16:54                      | 0°Υ                          |             |
| max. Earth dist. | 2632 Jul 14 12:22                      | 22°5940'36                | 1.01644 AU  |                      | 2637 Apr 19 23:25                      | 0°8                          |             |
| max. Durin tist. | 2632 Jul 22 04:37                      | 0°Ω                       | 1.01077 /10 |                      | 2637 May 20 18:13                      | 0°II                         |             |
|                  | 2632 Aug 22 13:27                      | 0° <b>m</b> y             |             |                      | 2637 Jun 20 23:15                      | 0°©                          |             |
|                  | 2632 Sep 22 14:46                      | 0∘ <b>ত</b><br>الله       |             | max. Earth dist.     | 2637 Jul 15 13:34                      | 23° <b>©</b> 29'03           | 1.01649 AU  |
|                  | 2632 Oct 23 04:38                      | 0° <b>m</b>               |             | Land dist.           | 2637 Jul 22 09:29                      | 0°Ω                          |             |
|                  | 2632 Nov 22 06:20                      | 0° <b>⊼</b> 7             |             |                      | 2637 Aug 22 18:21                      | 0° <b>m</b> )                |             |
|                  | 2632 Dec 21 22:23                      | ⊙ੰਤ                       |             |                      | 2637 Sep 22 19:44                      | 0° <del>ت</del><br>مالا      |             |
| min. Earth dist. | 2633 Jan 14 22:31                      | 24° <b>る</b> 26'07        | 0.98353 AU  |                      | 2637 Oct 23 09:39                      | 0°M                          |             |
|                  | 2633 Jan 20 09:40                      | 0° <b>≈</b>               | -           |                      | 2637 Nov 22 11:24                      | 0° <b>∡</b> 7                |             |
|                  | 2633 Feb 18 22:12                      | 0° <b>)</b> €             |             |                      | 2637 Dec 22 03:27                      | ි<br>ව°0                     |             |
|                  | · <del>-</del>                         |                           |             |                      |  | -                            |             |

| min. Earth dist. | 2638 Jan 15 23:01                      | 25° <b>ප</b> 15'38                | 0.98354 AU  |                     | 2642 Oct 23 14:25                      | 0°M                               |              |
|------------------|--|-----------------------------------|-------------|---------------------|--|-----------------------------------|--------------|
|                  | 2638 Jan 20 14:42                      | 0° <b>≈</b>                       |             |                     | 2642 Nov 22 16:12                      | 0°⊀                               |              |
|                  | 2638 Feb 19 03:12                      | 0° <b>∀</b>                       |             |                     | 2642 Dec 22 08:19                      | 0° <b>ろ</b>                       |              |
|                  | 2638 Mar 20 22:42                      | 0°Υ                               |             | min. Earth dist.    | 2643 Jan 15 21:28                      | 24° <b>る</b> 59'01                | 0.98361 AU   |
|                  | 2638 Apr 20 05:15                      | 0° <b>8</b>                       |             |                     | 2643 Jan 20 19:39                      | 0° <b>≈</b>                       |              |
|                  | 2638 May 21 00:05                      | 0° <b>I</b> I                     |             |                     | 2643 Feb 19 08:13                      | 0° <b>)</b> €                     |              |
| Fauth 4:-4       | 2638 Jun 21 05:09                      | 0°99                              | 1.01642 ATT |                     | 2643 Mar 21 03:45                      | $^{\circ \gamma}$                 |              |
| max. Earth dist. | 2638 Jul 15 10:41<br>2638 Jul 22 15:23 | 23° <b>©</b> 08'16<br>0° <b>Ω</b> | 1.01642 AU  |                     | 2643 Apr 20 10:18<br>2643 May 21 05:06 | 0°B<br>0°B                        |              |
|                  | 2638 Aug 23 00:15                      | 0°Mp                              |             |                     | 2643 Jun 21 10:04                      | 0°9                               |              |
|                  | 2638 Sep 23 01:35                      | 0∘ <b>ʊ</b><br>0 ıııı             |             | max. Earth dist.    | 2643 Jul 15 04:12                      |                                   | 1.01640 AU   |
|                  | 2638 Oct 23 15:29                      | 0°M                               |             | max. Earth dist.    | 2643 Jul 22 20:14                      | 0° <b>Ω</b>                       | 1.0101010110 |
|                  | 2638 Nov 22 17:15                      | 0° <b>⊼</b> 7                     |             |                     | 2643 Aug 23 05:02                      | 0° mp                             |              |
|                  | 2638 Dec 22 09:20                      | 0°ਰ                               |             |                     | 2643 Sep 23 06:22                      | 0∘ <b>⊽</b>                       |              |
| min. Earth dist. | 2639 Jan 14 05:34                      | 23° <b>る</b> 14'56                | 0.98355 AU  |                     | 2643 Oct 23 20:18                      | 0°M                               |              |
|                  | 2639 Jan 20 20:38                      | 0° <b>≈</b>                       |             |                     | 2643 Nov 22 22:06                      | 0° <b>∡</b> ¹                     |              |
|                  | 2639 Feb 19 09:10                      | 0° <b>)</b> €                     |             |                     | 2643 Dec 22 14:15                      | ರ°0                               |              |
|                  | 2639 Mar 21 04:39                      | $0$ ° $\mathbf{\Upsilon}$         |             | min. Earth dist.    | 2644 Jan 15 12:28                      | 24° <b>る</b> 21'08                | 0.98355 AU   |
|                  | 2639 Apr 20 11:08                      | $8^{\circ}$ 0                     |             |                     | 2644 Jan 21 01:34                      | 0° <b>≈</b>                       |              |
|                  | 2639 May 21 05:53                      | $\Pi^{\circ}0$                    |             |                     | 2644 Feb 19 14:06                      | 0° <b>)</b> €                     |              |
|                  | 2639 Jun 21 10:49                      | $0$ $\circ$ $\odot$               |             |                     | 2644 Mar 20 09:34                      | $0^{\circ}\mathbf{\Upsilon}$      |              |
| max. Earth dist. | 2639 Jul 17 18:57                      | 25° <b>©</b> 08'53                | 1.01644 AU  |                     | 2644 Apr 19 16:03                      | 0°B                               |              |
|                  | 2639 Jul 22 20:58                      | $0$ $^{\circ}$ $\Omega$           |             |                     | 2644 May 20 10:49                      | $\Pi$ °0                          |              |
|                  | 2639 Aug 23 05:48                      | 0° <b>m</b>                       |             |                     | 2644 Jun 20 15:48                      | 0°©                               |              |
|                  | 2639 Sep 23 07:09                      | 0∘ <b>⊽</b>                       |             | max. Earth dist.    | 2644 Jul 17 03:23                      |                                   | 1.01642 AU   |
|                  | 2639 Oct 23 21:05                      | 0°M.                              |             |                     | 2644 Jul 22 01:59                      | 0° <b>N</b>                       |              |
|                  | 2639 Nov 22 22:52                      | ್ತ<br>0°⊀                         |             |                     | 2644 San 22 10:50                      | 0 <b>்⊽</b><br>0° <b>™</b>        |              |
| min. Earth dist. | 2639 Dec 22 15:01<br>2640 Jan 15 03:40 | 0°る<br>23° <b>る</b> 56'31         | 0.98363 AU  |                     | 2644 Sep 22 12:12<br>2644 Oct 23 02:08 | 0° <b>IL</b>                      |              |
| mm. Earm dist.   | 2640 Jan 21 02:22                      | 23 <b>⊙</b> 30 31 0° <b>≈</b>     | 0.96303 AU  |                     | 2644 Nov 22 03:56                      | 0° <b>⊼</b> 1                     |              |
|                  | 2640 Feb 19 14:56                      | 0° <b>∺</b>                       |             |                     | 2644 Dec 21 20:03                      | °ੇਠ                               |              |
|                  | 2640 Mar 20 10:26                      | 0° <b>Υ</b>                       |             | min. Earth dist.    | 2645 Jan 13 07:19                      | 0 <b>3</b><br>22° <b>る</b> 51'55  | 0.98358 AU   |
|                  | 2640 Apr 19 16:54                      | 0°8                               |             |                     | 2645 Jan 20 07:22                      | 0° <b>≈</b>                       |              |
|                  | 2640 May 20 11:37                      | 0° <b>I</b> I                     |             |                     | 2645 Feb 18 19:54                      | 0° <b>)</b> €                     |              |
|                  | 2640 Jun 20 16:33                      | 0ಂತ                               |             |                     | 2645 Mar 20 15:22                      | $0^{\circ}\mathbf{Y}$             |              |
| max. Earth dist. | 2640 Jul 14 22:29                      | 23°509'14                         | 1.01644 AU  |                     | 2645 Apr 19 21:50                      | $9^{\circ}$ 8                     |              |
|                  | 2640 Jul 22 02:43                      | $0^{\circ}\Omega$                 |             |                     | 2645 May 20 16:35                      | $\Pi$ °0                          |              |
|                  | 2640 Aug 22 11:35                      | 0° <b>™</b>                       |             |                     | 2645 Jun 20 21:34                      | $0$ $\circ$ $\odot$               |              |
|                  | 2640 Sep 22 13:00                      | 0∘ <b>ত</b>                       |             | max. Earth dist.    | 2645 Jul 15 22:04                      |                                   | 1.01648 AU   |
|                  | 2640 Oct 23 02:58                      | 0°M₊                              |             |                     | 2645 Jul 22 07:48                      | $0$ $^{\circ}\Omega$              |              |
|                  | 2640 Nov 22 04:44                      | 0° <b>∡</b>                       |             |                     | 2645 Aug 22 16:40                      | 0° <b>m</b> y                     |              |
|                  | 2640 Dec 21 20:49                      | 0°る                               | 0.00055.433 |                     | 2645 Sep 22 18:02                      | 0∘ <b>亚</b>                       |              |
| min. Earth dist. | 2641 Jan 15 06:16                      | 24°₹49'47                         | 0.98355 AU  |                     | 2645 Oct 23 07:57                      | 0°M                               |              |
|                  | 2641 Jan 20 08:07<br>2641 Feb 18 20:39 | 0° <b>≈</b><br>0° <b>∀</b>        |             |                     | 2645 Nov 22 09:42                      | 0°⋜                               |              |
|                  | 2641 Mar 20 16:10                      | 0 <b>Υ</b><br>0° <b>Υ</b>         |             | min. Earth dist.    | 2645 Dec 22 01:47<br>2646 Jan 15 21:12 | 0 3<br>25° <b>る</b> 15'07         | 0.98358 AU   |
|                  | 2641 Apr 19 22:41                      | 0°8                               |             | iiiii. Eartii tist. | 2646 Jan 20 13:05                      | 23 <b>⊘</b> 13 07 0° <b>≈</b>     | 0.90330 AU   |
|                  | 2641 May 20 17:28                      | 0°II                              |             |                     | 2646 Feb 19 01:38                      | 0° <b>∀</b>                       |              |
|                  | 2641 Jun 20 22:26                      | 0°9                               |             |                     | 2646 Mar 20 21:09                      | 0°Υ                               |              |
| max. Earth dist. | 2641 Jul 16 16:35                      | 24°935'36                         | 1.01640 AU  |                     | 2646 Apr 20 03:41                      | 0°8                               |              |
|                  | 2641 Jul 22 08:38                      | $0^{\circ}\Omega$                 |             |                     | 2646 May 20 22:29                      | 0° <b>Ⅱ</b>                       |              |
|                  | 2641 Aug 22 17:29                      | 0° <b>т</b> р                     |             |                     | 2646 Jun 21 03:30                      | $0$ $\circ$ $\odot$               |              |
|                  | 2641 Sep 22 18:52                      | 0∘ <b>ত</b>                       |             | max. Earth dist.    | 2646 Jul 15 03:46                      | 22° <b>©</b> 55'41                | 1.01643 AU   |
|                  | 2641 Oct 23 08:49                      | $0^{\circ}$ M                     |             |                     | 2646 Jul 22 13:44                      | $0$ ° $\Omega$                    |              |
|                  | 2641 Nov 22 10:35                      | 0° <b>∡</b> ¹                     |             |                     | 2646 Aug 22 22:38                      | 0° <b>™</b>                       |              |
|                  | 2641 Dec 22 02:39                      | 0°₹                               |             |                     | 2646 Sep 23 00:01                      | 0∘ <b>⊽</b>                       |              |
| min. Earth dist. | 2642 Jan 13 12:22                      | 22°る48'08                         | 0.98355 AU  |                     | 2646 Oct 23 13:56                      | 0°M                               |              |
|                  | 2642 Jan 20 13:56                      | 0° <b>≈</b>                       |             |                     | 2646 Nov 22 15:40                      | 0° <b>∡</b> 7                     |              |
|                  | 2642 Feb 19 02:28                      | 0° <b>)</b> €                     |             | min T d V c         | 2646 Dec 22 07:44                      | 0°る<br>22° <b>そ</b> 2012 <i>を</i> | 0.00254.433  |
|                  | 2642 Mar 20 21:59                      | 0°Υ<br>0°∺                        |             | min. Earth dist.    | 2647 Jan 14 10:05                      | 23° <b>ප</b> 30'35<br>0°≈         | 0.98354 AU   |
|                  | 2642 Apr 20 04:32<br>2642 May 20 23:19 | 0°B<br>8°0                        |             |                     | 2647 Jan 20 19:02<br>2647 Feb 19 07:35 | 0° <b>₩</b>                       |              |
|                  | 2642 Jun 21 04:16                      | 0°9                               |             |                     | 2647 Mar 21 03:05                      | 0°Υ                               |              |
| max. Earth dist. | 2642 Jul 16 20:13                      | 24°930'20                         | 1.01643 AU  |                     | 2647 Apr 20 09:35                      | 0° <b>8</b>                       |              |
|                  | 2642 Jul 22 14:23                      | 0° <b>Ω</b>                       |             |                     | 2647 May 21 04:19                      | 0°II                              |              |
|                  | 2642 Aug 22 23:10                      | 0° mp                             |             |                     | 2647 Jun 21 09:15                      | 0°©                               |              |
|                  | 2642 Sep 23 00:29                      | 0∘ <u>⊽</u>                       |             | max. Earth dist.    | 2647 Jul 18 00:02                      |                                   | 1.01643 AU   |
|                  | -                                      |                                   |             |                     |  |                                   |              |

|                  | 2647 Jul 22 19:25 | $0$ $\circ$ $\Omega$       |             |                   | 2652 May 20 09:24 | $11^{\circ}$                 |                         |
|------------------|-------------------|----------------------------|-------------|-------------------|-------------------|------------------------------|-------------------------|
|                  | 2647 Aug 23 04:16 | 0° <b>m</b> p              |             |                   | 2652 Jun 20 14:17 | $0$ $\circ$ $\odot$          |                         |
|                  | 2647 Sep 23 05:40 | 0∘ <b>⊽</b>                |             | max. Earth dist.  | 2652 Jul 17 05:17 | 25° <b>©</b> 25'20           | 1.01641 AU              |
|                  | 2647 Oct 23 19:39 | $0^{\circ}$ M              |             |                   | 2652 Jul 22 00:28 | $0^{\circ}\Omega$            |                         |
|                  | 2647 Nov 22 21:27 | 0° <b>∡</b>                |             |                   | 2652 Aug 22 09:22 | 0° <b>m</b> )                |                         |
|                  | 2647 Dec 22 13:33 | 8°0                        |             |                   | 2652 Sep 22 10:50 | 0∘ <b>ত</b>                  |                         |
| min. Earth dist. | 2648 Jan 14 13:34 | 23° <b>る</b> 24'22         | 0.98359 AU  |                   | 2652 Oct 23 00:53 | 0° <b>M</b> .                |                         |
|                  | 2648 Jan 21 00:52 | 0° <b>≈</b>                |             |                   | 2652 Nov 22 02:45 | 0° <b>∡</b> ¹                |                         |
|                  | 2648 Feb 19 13:23 | 0° <b>∀</b>                |             |                   | 2652 Dec 21 18:55 | 0° <b>ට</b>                  |                         |
|                  | 2648 Mar 20 08:51 | $0^{\circ}$ Y              |             | min. Earth dist.  | 2653 Jan 13 08:06 | 22° <b>る</b> 56'50           | 0.98358 AU              |
|                  | 2648 Apr 19 15:20 | 0°8                        |             |                   | 2653 Jan 20 06:14 | 0° <b>≈</b>                  |                         |
|                  | 2648 May 20 10:03 | 0° <b>I</b> I              |             |                   | 2653 Feb 18 18:45 | 0° <b>∀</b>                  |                         |
|                  | 2648 Jun 20 15:00 | 0°ಅ                        |             |                   | 2653 Mar 20 14:12 | 0° <b>Υ</b>                  |                         |
| max. Earth dist. | 2648 Jul 15 04:43 | 23° <b>©</b> 27'43         | 1.01646 AU  |                   | 2653 Apr 19 20:36 | 0°8                          |                         |
| man zam ust.     | 2648 Jul 22 01:11 | 0°Ω                        | 1.010.0110  |                   | 2653 May 20 15:16 | $0^{\circ}\Pi$               |                         |
|                  | 2648 Aug 22 10:05 | 0° m)                      |             |                   | 2653 Jun 20 20:08 | 0°©                          |                         |
|                  | 2648 Sep 22 11:33 | 0∘ <b>⊽</b>                |             | max. Earth dist.  | 2653 Jul 16 10:45 | 24°927'07                    | 1.01646 AU              |
|                  | 2648 Oct 23 01:35 | 0° <b>m</b>                |             | max. Lartii dist. | 2653 Jul 22 06:17 | 0°Ω                          | 1.010 <del>4</del> 0 AC |
|                  | 2648 Nov 22 03:24 | 0° <b>⊼</b> 1              |             |                   | 2653 Aug 22 15:10 | 0° <b>m</b> y                |                         |
|                  |                   | 0°중                        |             |                   | · ·               | 0∘ <del>ত</del><br>المار     |                         |
| i. Ed- di-4      | 2648 Dec 21 19:29 |                            | 0.00251 ATT |                   | 2653 Sep 22 16:36 |                              |                         |
| min. Earth dist. | 2649 Jan 15 14:03 | 25°₹13'06                  | 0.98351 AU  |                   | 2653 Oct 23 06:38 | 0°M<br>0°. <b>₹</b>          |                         |
|                  | 2649 Jan 20 06:44 | 0° <b>≈</b>                |             |                   | 2653 Nov 22 08:29 | 0° <b>⊼</b>                  |                         |
|                  | 2649 Feb 18 19:11 | 0° <b>)</b> €              |             |                   | 2653 Dec 22 00:37 | 0°る                          | 0.00050 444             |
|                  | 2649 Mar 20 14:37 | 0° <b>Υ</b>                |             | min. Earth dist.  | 2654 Jan 15 22:01 | 25° <b>る</b> 20'05           | 0.98359 AU              |
|                  | 2649 Apr 19 21:06 | 0°8                        |             |                   | 2654 Jan 20 11:56 | 0° <b>≈</b>                  |                         |
|                  | 2649 May 20 15:53 | 0°П                        |             |                   | 2654 Feb 19 00:27 | 0° <b>∀</b>                  |                         |
|                  | 2649 Jun 20 20:53 | 0                          |             |                   | 2654 Mar 20 19:56 | 0° <b>Υ</b>                  |                         |
| max. Earth dist. | 2649 Jul 15 23:09 | 23° <b>©</b> 57'40         | 1.01643 AU  |                   | 2654 Apr 20 02:25 | 0°8                          |                         |
|                  | 2649 Jul 22 07:07 | $0 { m s} \Omega$          |             |                   | 2654 May 20 21:08 | $\Pi$ $\circ$ 0              |                         |
|                  | 2649 Aug 22 16:02 | 0° <b>m</b> p              |             |                   | 2654 Jun 21 02:04 | 0                            |                         |
|                  | 2649 Sep 22 17:29 | 0∘ <b>⊽</b>                |             | max. Earth dist.  | 2654 Jul 15 01:55 | 22° <b>©</b> 54'52           | 1.01639 AU              |
|                  | 2649 Oct 23 07:30 | 0°M                        |             |                   | 2654 Jul 22 12:13 | $0$ $\circ$ $\Omega$         |                         |
|                  | 2649 Nov 22 09:20 | 0° <b>∡</b> ¹              |             |                   | 2654 Aug 22 21:05 | 0° <b>m</b> )                |                         |
|                  | 2649 Dec 22 01:26 | 0°る                        |             |                   | 2654 Sep 22 22:30 | 0∘ <b>亚</b>                  |                         |
| min. Earth dist. | 2650 Jan 13 21:06 | 23° <b>る</b> 13'32         | 0.98351 AU  |                   | 2654 Oct 23 12:30 | 0° <b>M</b>                  |                         |
|                  | 2650 Jan 20 12:42 | 0° <b>≈</b>                |             |                   | 2654 Nov 22 14:22 | 0° <b>∡</b> ¹                |                         |
|                  | 2650 Feb 19 01:10 | 0° <b>∀</b>                |             |                   | 2654 Dec 22 06:32 | ರ°0                          |                         |
|                  | 2650 Mar 20 20:35 | $0$ ° $\Upsilon$           |             | min. Earth dist.  | 2655 Jan 14 22:15 | 24° <b>る</b> 04'34           | 0.98356 AU              |
|                  | 2650 Apr 20 03:01 | $B_{00}$                   |             |                   | 2655 Jan 20 17:52 | 0° <b>≈</b>                  |                         |
|                  | 2650 May 20 21:46 | $\Pi$ $^{\circ}0$          |             |                   | 2655 Feb 19 06:24 | 0° <b>∀</b>                  |                         |
|                  | 2650 Jun 21 02:43 | $0$ $\circ$ $\mathfrak{S}$ |             |                   | 2655 Mar 21 01:51 | $0^{\circ}\mathbf{\Upsilon}$ |                         |
| max. Earth dist. | 2650 Jul 17 04:26 | 24°953'31                  | 1.01646 AU  |                   | 2655 Apr 20 08:17 | 0° <b>႘</b>                  |                         |
|                  | 2650 Jul 22 12:53 | $0^{\circ}\Omega$          |             |                   | 2655 May 21 02:58 | $\Pi^{\circ}0$               |                         |
|                  | 2650 Aug 22 21:45 | o° mp                      |             |                   | 2655 Jun 21 07:50 | 0°ಅ                          |                         |
|                  | 2650 Sep 22 23:08 | 0∘ <mark>⊽</mark>          |             | max. Earth dist.  | 2655 Jul 18 01:20 | 25° <b>©</b> 31'24           | 1.01638 AU              |
|                  | 2650 Oct 23 13:07 | 0°M                        |             |                   | 2655 Jul 22 17:56 | $0^{\circ}\Omega$            |                         |
|                  | 2650 Nov 22 14:59 | 0° <b>∡</b> ¹              |             |                   | 2655 Aug 23 02:44 | 0° <b>m</b> )                |                         |
|                  | 2650 Dec 22 07:09 | 8°0                        |             |                   | 2655 Sep 23 04:07 | 0∘ <u>⊽</u>                  |                         |
| min. Earth dist. | 2651 Jan 15 15:56 | 24° <b>る</b> 47'49         | 0.98362 AU  |                   | 2655 Oct 23 18:09 | 0° <b>M</b> .                |                         |
|                  | 2651 Jan 20 18:30 | 0° <b>≈</b>                |             |                   | 2655 Nov 22 20:03 | 0° <b>∡</b> ¹                |                         |
|                  | 2651 Feb 19 07:02 | 0° <b>)</b> €              |             |                   | 2655 Dec 22 12:15 | 0°ප                          |                         |
|                  | 2651 Mar 21 02:29 | 0°Υ                        |             | min. Earth dist.  | 2656 Jan 14 10:45 | 23° <b>ට</b> 20'21           | 0.98363 AU              |
|                  | 2651 Apr 20 08:54 | 0°8                        |             | mm. Earth dist.   | 2656 Jan 20 23:38 | 0° <b>≈</b>                  | 0.90303710              |
|                  | 2651 May 21 03:35 | 0°II                       |             |                   | 2656 Feb 19 12:10 | 0° <b>\</b>                  |                         |
|                  | 2651 Jun 21 08:31 | 0°©                        |             |                   | 2656 Mar 20 07:36 | 0° <b>Υ</b>                  |                         |
| max. Earth dist. | 2651 Jul 15 11:59 | 23° <b>©</b> 03'23         | 1.01643 AU  |                   | 2656 Apr 19 13:59 | %8<br>0°8                    |                         |
| max. Earth dist. | 2651 Jul 22 18:41 | 0°Ω                        | 1.01043 AU  |                   | 2656 May 20 08:38 | 0°II                         |                         |
|                  | 2651 Aug 23 03:35 | 0° <b>m</b> )              |             |                   | 2656 Jun 20 13:31 | 0°©                          |                         |
|                  | •                 |                            |             | may Earth dist    |                   |                              | 1.01644.411             |
|                  | 2651 Sep 23 05:01 | ი∘ <b>m</b><br>0∘ <b>ত</b> |             | max. Earth dist.  | 2656 Jul 15 11:42 | 23° <b>©</b> 47'58           | 1.01644 AU              |
|                  | 2651 Oct 23 19:01 | 0°M<br>0°. <b>⊼</b>        |             |                   | 2656 Jul 21 23:39 | 0° <b>Ω</b>                  |                         |
|                  | 2651 Nov 22 20:53 | 0° <b>∡</b>                |             |                   | 2656 Aug 22 08:31 | 0° <b>m</b> )                |                         |
| t materials      | 2651 Dec 22 13:04 | 0°궁                        | 0.00256.433 |                   | 2656 Sep 22 09:56 | 0ი <b>ლ</b>                  |                         |
| min. Earth dist. | 2652 Jan 15 21:53 | 24°₹48'04                  | 0.98356 AU  |                   | 2656 Oct 22 23:58 | 0°M<br>0°. <b>₹</b>          |                         |
|                  | 2652 Jan 21 00:25 | 0° <b>≈</b>                |             |                   | 2656 Nov 22 01:50 | 0° <b>∡</b> ¹                |                         |
|                  | 2652 Feb 19 12:56 | 0° <b>)</b> €              |             |                   | 2656 Dec 21 17:59 | 0°る                          | 0.000.70                |
|                  | 2652 Mar 20 08:21 | 0°Υ<br>•••                 |             | min. Earth dist.  | 2657 Jan 15 19:01 | 25° <b>る</b> 29'21           | 0.98358 AU              |
|                  | 2652 Apr 19 14:45 | 0°B                        |             |                   | 2657 Jan 20 05:19 | 0° <b>≈</b>                  |                         |
|                  |                   |                            |             |                   |                   |                              |                         |

|                  | 2657 Eab 19 17:50                      | 0° <b>∀</b>                    |             |                      | 2661 Dec. 21, 22:01                    | 0°ಕ                             |             |
|------------------|--|--------------------------------|-------------|----------------------|--|---------------------------------|-------------|
|                  | 2657 Feb 18 17:50                      | 0 <b>Υ</b><br>0° <b>Υ</b>      |             | i. Fauth diat        | 2661 Dec 21 23:01                      |                                 | 0.00257 ATT |
|                  | 2657 Mar 20 13:15                      |                                |             | min. Earth dist.     | 2662 Jan 15 20:44                      | 25° <b>♂</b> 20'54              | 0.98357 AU  |
|                  | 2657 Apr 19 19:41                      | 8°0                            |             |                      | 2662 Jan 20 10:19                      | 0° <b>≈</b>                     |             |
|                  | 2657 May 20 14:23                      | 0° <b>I</b> I                  |             |                      | 2662 Feb 18 22:46                      | 0° <b>)</b> €                   |             |
| F 4 F 4          | 2657 Jun 20 19:20                      | 0°95                           | 1.01640.411 |                      | 2662 Mar 20 18:09                      | 0° <b>Υ</b>                     |             |
| max. Earth dist. | 2657 Jul 15 09:13                      | 23°928'14                      | 1.01642 AU  |                      | 2662 Apr 20 00:31                      | 0° <b>B</b>                     |             |
|                  | 2657 Jul 22 05:33                      | $0^{\circ}\Omega$              |             |                      | 2662 May 20 19:12                      | 0°Ⅱ                             |             |
|                  | 2657 Aug 22 14:27                      | 0° <b>m</b>                    |             | F 4 F                | 2662 Jun 21 00:08                      | 0.22<br>0.22                    | 1.01645.477 |
|                  | 2657 Sep 22 15:53                      | 0° <b>™</b>                    |             | max. Earth dist.     | 2662 Jul 15 02:06                      | 22°959'46                       | 1.01645 AU  |
|                  | 2657 Oct 23 05:53                      | 0°M                            |             |                      | 2662 Jul 22 10:21                      | 0° <b>N</b>                     |             |
|                  | 2657 Nov 22 07:42                      | 0° <b>∡</b>                    |             |                      | 2662 Aug 22 19:17                      | 0° <b>т</b> р                   |             |
|                  | 2657 Dec 21 23:50                      | 0°る                            |             |                      | 2662 Sep 22 20:46                      | 0° <b>™</b>                     |             |
| min. Earth dist. | 2658 Jan 14 00:50                      | 23° <b>♂</b> 27'04             | 0.98355 AU  |                      | 2662 Oct 23 10:50                      | 0°M                             |             |
|                  | 2658 Jan 20 11:09                      | 0° <b>≈</b>                    |             |                      | 2662 Nov 22 12:45                      | 0° <b>⊼</b>                     |             |
|                  | 2658 Feb 18 23:40                      | 0° <b>)</b> €                  |             | t was at the         | 2662 Dec 22 04:57                      | 0°る                             | 0.00056.477 |
|                  | 2658 Mar 20 19:07                      | 0° <b>Υ</b>                    |             | min. Earth dist.     | 2663 Jan 15 09:03                      | 24°₹36'05                       | 0.98356 AU  |
|                  | 2658 Apr 20 01:33                      | 0°8                            |             |                      | 2663 Jan 20 16:18                      | 0°≈                             |             |
|                  | 2658 May 20 20:14                      | 0°II                           |             |                      | 2663 Feb 19 04:48                      | 0° <b>)</b> €                   |             |
| P 4 F            | 2658 Jun 21 01:08                      | 0.22<br>0.22                   | 1.01644.477 |                      | 2663 Mar 21 00:10                      | 0° <b>Υ</b>                     |             |
| max. Earth dist. | 2658 Jul 17 11:31                      | 25°514'18                      | 1.01644 AU  |                      | 2663 Apr 20 06:30                      | 0° <b>8</b>                     |             |
|                  | 2658 Jul 22 11:16                      | 0°N                            |             |                      | 2663 May 21 01:04                      | 0°II                            |             |
|                  | 2658 Aug 22 20:07                      | 0° <b>т</b> р                  |             |                      | 2663 Jun 21 05:55                      | 0°©                             |             |
|                  | 2658 Sep 22 21:31                      | 0∘ <b>亚</b>                    |             | max. Earth dist.     | 2663 Jul 18 03:53                      |                                 | 1.01641 AU  |
|                  | 2658 Oct 23 11:30                      | 0° <b>M</b><br>0° <b>₹</b>     |             |                      | 2663 Jul 22 16:03                      | $\Omega^{\circ}\Omega$          |             |
|                  | 2658 Nov 22 13:20                      | 0° <b>⊼</b>                    |             |                      | 2663 Aug 23 00:57                      | 0° <b>m</b>                     |             |
| : E 4 E 4        | 2658 Dec 22 05:28                      | 0°る                            | 0.00262 ATT |                      | 2663 Sep 23 02:27                      | 0∘ <b>亚</b>                     |             |
| min. Earth dist. | 2659 Jan 14 18:32                      | 23°る57'33<br>0°≈               | 0.98362 AU  |                      | 2663 Oct 23 16:33                      | 0° <b>M</b><br>0° <b>⊀</b>      |             |
|                  | 2659 Jan 20 16:49<br>2659 Feb 19 05:22 | 0° <b>∺</b>                    |             |                      | 2663 Nov 22 18:30<br>2663 Dec 22 10:44 | 0° <b>ਨ</b>                     |             |
|                  | 2659 Mar 21 00:50                      | 0° <b>Υ</b>                    |             | min. Earth dist.     | 2664 Jan 14 07:04                      | 0 3<br>23° <b>る</b> 14'51       | 0.98361 AU  |
|                  | 2659 Apr 20 07:16                      | 0°8                            |             | iiiii. Eattii tiist. | 2664 Jan 20 22:07                      | 23 <b>⊘</b> 1431<br>0° <b>≈</b> | 0.98301 AU  |
|                  | 2659 May 21 01:56                      | 0°II                           |             |                      | 2664 Feb 19 10:38                      | 0° <b>∺</b>                     |             |
|                  | 2659 Jun 21 06:50                      | 0°9                            |             |                      | 2664 Mar 20 06:01                      | 0° <b>Υ</b>                     |             |
| max. Earth dist. | 2659 Jul 15 17:13                      | 23° <b>©</b> 19'54             | 1.01644 AU  |                      | 2664 Apr 19 12:19                      | 0°8                             |             |
| max. Latin dist. | 2659 Jul 22 16:59                      | 0°Ω                            | 1.01044710  |                      | 2664 May 20 06:52                      | 0°II                            |             |
|                  | 2659 Aug 23 01:52                      | 0° <b>m</b> )                  |             |                      | 2664 Jun 20 11:40                      | 0° <b>©</b>                     |             |
|                  | 2659 Sep 23 03:20                      | 0∘ <del>⊽</del>                |             | max. Earth dist.     | 2664 Jul 16 00:46                      | 24° <b>©</b> 23'35              | 1.01645 AU  |
|                  | 2659 Oct 23 17:23                      | 0°M                            |             |                      | 2664 Jul 21 21:47                      | $0^{\circ}\Omega$               |             |
|                  | 2659 Nov 22 19:15                      | 0° <b>∡</b> 7                  |             |                      | 2664 Aug 22 06:43                      | 0° <b>m</b> )                   |             |
|                  | 2659 Dec 22 11:24                      | 0°ರ                            |             |                      | 2664 Sep 22 08:15                      | 0°                              |             |
| min. Earth dist. | 2660 Jan 16 03:05                      | 25° <b>පි</b> 05'41            | 0.98353 AU  |                      | 2664 Oct 22 22:23                      | 0°M,                            |             |
|                  | 2660 Jan 20 22:41                      | 0° <b>≈</b>                    |             |                      | 2664 Nov 22 00:19                      | 0°⊀                             |             |
|                  | 2660 Feb 19 11:09                      | 0° <b>∀</b>                    |             |                      | 2664 Dec 21 16:31                      | 0°ರ                             |             |
|                  | 2660 Mar 20 06:33                      | $0$ ° $\mathbf{\Upsilon}$      |             | min. Earth dist.     | 2665 Jan 15 20:51                      | 25° <b>る</b> 37'45              | 0.98358 AU  |
|                  | 2660 Apr 19 12:57                      | $B_{\circ 0}$                  |             |                      | 2665 Jan 20 03:50                      | 0° <b>≈</b>                     |             |
|                  | 2660 May 20 07:37                      | $\Pi^{\circ}0$                 |             |                      | 2665 Feb 18 16:19                      | 0° <b>ℋ</b>                     |             |
|                  | 2660 Jun 20 12:32                      | 0°€                            |             |                      | 2665 Mar 20 11:43                      | $0$ ° $\mathbf{\Upsilon}$       |             |
| max. Earth dist. | 2660 Jul 16 15:52                      | 24° <b>©</b> 57'32             | 1.01642 AU  |                      | 2665 Apr 19 18:05                      | 0°8                             |             |
|                  | 2660 Jul 21 22:43                      | $0^{\circ}\Omega$              |             |                      | 2665 May 20 12:43                      | $\Pi$ $^{\circ}0$               |             |
|                  | 2660 Aug 22 07:39                      | O° My                          |             |                      | 2665 Jun 20 17:35                      | $0$ $\circ$ $\odot$             |             |
|                  | 2660 Sep 22 09:09                      | 0∘ <b>ত</b>                    |             | max. Earth dist.     | 2665 Jul 15 06:16                      | 23°525'26                       | 1.01640 AU  |
|                  | 2660 Oct 22 23:15                      | 0° <b>M</b> ,                  |             |                      | 2665 Jul 22 03:45                      | $0$ $^{\circ}\Omega$            |             |
|                  | 2660 Nov 22 01:09                      | 0° <b>∡</b> ¹                  |             |                      | 2665 Aug 22 12:42                      | 0° <b>m</b>                     |             |
|                  | 2660 Dec 21 17:19                      | 0°ප                            |             |                      | 2665 Sep 22 14:13                      | 0° <b>⊽</b>                     |             |
| min. Earth dist. | 2661 Jan 13 12:45                      | 23° <b>る</b> 12'52             | 0.98353 AU  |                      | 2665 Oct 23 04:21                      | 0°M                             |             |
|                  | 2661 Jan 20 04:35                      | 0° <b>≈</b>                    |             |                      | 2665 Nov 22 06:17                      | 0°⊀                             |             |
|                  | 2661 Feb 18 17:01                      | 0° <b>∀</b>                    |             |                      | 2665 Dec 21 22:29                      | 0°ಕ                             |             |
|                  | 2661 Mar 20 12:23                      | $0^{\circ}\mathbf{\Upsilon}$   |             | min. Earth dist.     | 2666 Jan 14 10:38                      | 23° <b>る</b> 55'27              | 0.98354 AU  |
|                  | 2661 Apr 19 18:44                      | 0°8                            |             |                      | 2666 Jan 20 09:48                      | 0° <b>≈</b>                     |             |
|                  | 2661 May 20 13:24                      | 0°II                           |             |                      | 2666 Feb 18 22:17                      | 0° <b>)</b> €                   |             |
|                  | 2661 Jun 20 18:18                      | 0°9                            |             |                      | 2666 Mar 20 17:41                      | 0° <b>Υ</b>                     |             |
| max. Earth dist. | 2661 Jul 16 17:38                      | 24°947'50                      | 1.01649 AU  |                      | 2666 Apr 20 00:03                      | 0° <b>B</b>                     |             |
|                  | 2661 Jul 22 04:29                      | 0° <b>N</b>                    |             |                      | 2666 May 20 18:41                      | 0° <b>I</b> I                   |             |
|                  | 2661 Aug 22 13:24                      | 0° <b>™</b>                    |             |                      | 2666 Jun 20 23:31                      | 0°©                             | 1.01640.411 |
|                  | 2661 Sep 22 14:53                      | 0∘ <b>m</b>                    |             | max. Earth dist.     | 2666 Jul 17 18:25                      | 25°\$34'43                      | 1.01640 AU  |
|                  | 2661 Oct 23 04:57<br>2661 Nov 22 06:51 | 0° <b>M</b> ₊<br>0° <i>≯</i> 7 |             |                      | 2666 Jul 22 09:36                      | 0° <b>№</b>                     |             |
|                  | 2001 INOV 22 UO.31                     | υ <b>χ</b> .                   |             |                      | 2666 Aug 22 18:26                      | עוו ט                           |             |

|                     | 2666 Sep 22 19:53 | 0∘ <b>ত</b>                  |            | max. Earth dist. | 2671 Jul 17 23:27 | 25° <b>©</b> 34'46              | 1.01639 AU  |
|---------------------|-------------------|------------------------------|------------|------------------|-------------------|---------------------------------|-------------|
|                     | 2666 Oct 23 09:59 | 0°M.                         |            |                  | 2671 Jul 22 14:41 | $0^{\circ}\Omega$               |             |
|                     | 2666 Nov 22 11:56 | 0° <b>∡</b> ¹                |            |                  | 2671 Aug 22 23:35 | 0° <b>m</b> ⁄                   |             |
|                     | 2666 Dec 22 04:11 | 0°ರ                          |            |                  | 2671 Sep 23 01:07 | 0∘ <b>⊽</b>                     |             |
| min. Earth dist.    | 2667 Jan 14 12:48 | 23° <b>る</b> 46'09           | 0.98362 AU |                  | 2671 Oct 23 15:16 | 0°M                             |             |
|                     | 2667 Jan 20 15:33 | 0° <b>≈</b>                  |            |                  | 2671 Nov 22 17:15 | 0° <b>∡</b> ¹                   |             |
|                     | 2667 Feb 19 04:04 | 0° <b>∀</b>                  |            |                  | 2671 Dec 22 09:29 | 8°0                             |             |
|                     | 2667 Mar 20 23:28 | $0^{\circ}\Upsilon$          |            | min. Earth dist. | 2672 Jan 14 05:38 | 23° <b>る</b> 14'30              | 0.98358 AU  |
|                     | 2667 Apr 20 05:50 | 0°8                          |            |                  | 2672 Jan 20 20:50 | 0° <b>≈</b>                     |             |
|                     | 2667 May 21 00:27 | 0°II                         |            |                  | 2672 Feb 19 09:18 | 0° <b>∀</b>                     |             |
|                     | 2667 Jun 21 05:17 | 0°e                          |            |                  | 2672 Mar 20 04:38 | 0° <b>Υ</b>                     |             |
| max. Earth dist.    | 2667 Jul 16 00:06 | 23°540'00                    | 1.01642 AU |                  | 2672 Apr 19 10:56 | 0°8                             |             |
| max. Earm dist.     | 2667 Jul 22 15:24 | 23 <b>3</b> 40 00 0          | 1.01042 AU |                  | •                 | 0°U                             |             |
|                     |                   |                              |            |                  | 2672 May 20 05:29 |                                 |             |
|                     | 2667 Aug 23 00:16 | 0° <b>m</b>                  |            | To all the       | 2672 Jun 20 10:16 | 0°95                            | 1.01645.411 |
|                     | 2667 Sep 23 01:44 | 0∘ <b>亚</b>                  |            | max. Earth dist. | 2672 Jul 16 09:12 | 24°5947'01                      | 1.01645 AU  |
|                     | 2667 Oct 23 15:51 | 0°M                          |            |                  | 2672 Jul 21 20:23 | 0° <b>N</b>                     |             |
|                     | 2667 Nov 22 17:50 | 0° <b>∡</b> ″                |            |                  | 2672 Aug 22 05:19 | 0° <b>m</b>                     |             |
|                     | 2667 Dec 22 10:05 | 0°ಕ                          |            |                  | 2672 Sep 22 06:53 | 0∘ <b>ত</b>                     |             |
| min. Earth dist.    | 2668 Jan 16 12:56 | 25°₹33'56                    | 0.98357 AU |                  | 2672 Oct 22 21:04 | 0°M₊                            |             |
|                     | 2668 Jan 20 21:27 | 0° <b>≈</b>                  |            |                  | 2672 Nov 21 23:03 | 0° <b>√</b>                     |             |
|                     | 2668 Feb 19 09:56 | 0° <b>ℋ</b>                  |            |                  | 2672 Dec 21 15:16 | 0° <b>ප</b>                     |             |
|                     | 2668 Mar 20 05:17 | $0$ ° $\mathbf{\Upsilon}$    |            | min. Earth dist. | 2673 Jan 15 22:16 | 25° <b>る</b> 44'34              | 0.98356 AU  |
|                     | 2668 Apr 19 11:36 | $9^{\circ}$ 8                |            |                  | 2673 Jan 20 02:34 | 0° <b>≈</b>                     |             |
|                     | 2668 May 20 06:13 | $\Pi^{\circ}0$               |            |                  | 2673 Feb 18 14:59 | 0° <b>∀</b>                     |             |
|                     | 2668 Jun 20 11:05 | 0° <b>©</b>                  |            |                  | 2673 Mar 20 10:18 | $0$ ° $\Upsilon$                |             |
| max. Earth dist.    | 2668 Jul 15 23:02 | 24°520'56                    | 1.01640 AU |                  | 2673 Apr 19 16:36 | 0°B                             |             |
|                     | 2668 Jul 21 21:15 | $0^{\circ}\Omega$            |            |                  | 2673 May 20 11:12 | $\Pi^{\circ}0$                  |             |
|                     | 2668 Aug 22 06:10 | 0° <b>m</b>                  |            |                  | 2673 Jun 20 16:05 | 0°ಅ                             |             |
|                     | 2668 Sep 22 07:41 | 0∘ <u>⊽</u>                  |            | max. Earth dist. | 2673 Jul 15 00:01 | 23° <b>©</b> 14'04              | 1.01643 AU  |
|                     | 2668 Oct 22 21:48 | 0° <b>M</b>                  |            |                  | 2673 Jul 22 02:16 | $0^{\circ}\Omega$               |             |
|                     | 2668 Nov 21 23:46 | 0° <b>∡</b> 7                |            |                  | 2673 Aug 22 11:14 | 0° my                           |             |
|                     | 2668 Dec 21 16:00 | °5                           |            |                  | 2673 Sep 22 12:48 | 0∘ <b>ত</b><br>0°.              |             |
| min. Earth dist.    | 2669 Jan 13 18:43 | 23° <b>පි</b> 31'18          | 0.98356 AU |                  | 2673 Oct 23 02:58 | 0° <b>™</b>                     |             |
| iiiii. Lartii dist. | 2669 Jan 20 03:21 | 0°≈                          | 0.76550 AC |                  | 2673 Nov 22 04:58 | 0° <b>⊼</b>                     |             |
|                     | 2669 Feb 18 15:50 | 0° <b>∺</b>                  |            |                  | 2673 Dec 21 21:12 | °ੇਠ                             |             |
|                     | 2669 Mar 20 11:11 | 0° <b>Υ</b>                  |            | min. Earth dist. | 2674 Jan 14 21:47 | 0 3<br>24° <b>る</b> 27'07       | 0.98353 AU  |
|                     | 2669 Apr 19 17:29 | 0°8                          |            | min. Earm dist.  |                   | 24 <b>O</b> 2707<br>0° <b>≈</b> | 0.98333 AU  |
|                     | -                 |                              |            |                  | 2674 Jan 20 08:32 |                                 |             |
|                     | 2669 May 20 12:04 | 0°II                         |            |                  | 2674 Feb 18 20:58 | 0° <b>)</b> €                   |             |
|                     | 2669 Jun 20 16:56 | 0°©                          |            |                  | 2674 Mar 20 16:16 | 0° <b>Υ</b>                     |             |
| max. Earth dist.    | 2669 Jul 17 01:52 |                              | 1.01647 AU |                  | 2674 Apr 19 22:33 | 0° <b>8</b>                     |             |
|                     | 2669 Jul 22 03:05 | $0$ $\circ$ $\Omega$         |            |                  | 2674 May 20 17:07 | $\Pi$ °0                        |             |
|                     | 2669 Aug 22 12:00 | O° My                        |            |                  | 2674 Jun 20 21:56 | $0$ $\circ$ $\odot$             |             |
|                     | 2669 Sep 22 13:29 | 0∘ <b>⊽</b>                  |            | max. Earth dist. | 2674 Jul 17 21:00 | 25° <b>©</b> 44'37              | 1.01641 AU  |
|                     | 2669 Oct 23 03:34 | 0°M₊                         |            |                  | 2674 Jul 22 08:04 | $0 {\circ} \Omega$              |             |
|                     | 2669 Nov 22 05:28 | 0° <b>√</b>                  |            |                  | 2674 Aug 22 16:56 | 0° <b>m</b> y                   |             |
|                     | 2669 Dec 21 21:40 | 0° <b>ප</b>                  |            |                  | 2674 Sep 22 18:26 | 0∘ <b>⊽</b>                     |             |
| min. Earth dist.    | 2670 Jan 15 07:28 | 24°る50'24                    | 0.98361 AU |                  | 2674 Oct 23 08:34 | 0°M                             |             |
|                     | 2670 Jan 20 09:01 | 0° <b>≈</b>                  |            |                  | 2674 Nov 22 10:34 | 0° <b>∡</b>                     |             |
|                     | 2670 Feb 18 21:31 | 0° <b>ℋ</b>                  |            |                  | 2674 Dec 22 02:51 | o°ප                             |             |
|                     | 2670 Mar 20 16:55 | $0$ $\circ$ $\Upsilon$       |            | min. Earth dist. | 2675 Jan 14 07:11 | 23° <b>る</b> 35'09              | 0.98363 AU  |
|                     | 2670 Apr 19 23:17 | $6^{\circ}B$                 |            |                  | 2675 Jan 20 14:15 | 0° <b>≈</b>                     |             |
|                     | 2670 May 20 17:54 | $\Pi^{\circ}0$               |            |                  | 2675 Feb 19 02:46 | 0° <b>)</b> €                   |             |
|                     | 2670 Jun 20 22:47 | 0°ಅ                          |            |                  | 2675 Mar 20 22:06 | $0^{\circ}\Upsilon$             |             |
| max. Earth dist.    | 2670 Jul 15 06:58 | 23°©14'38                    | 1.01644 AU |                  | 2675 Apr 20 04:22 | 0°8                             |             |
|                     | 2670 Jul 22 08:58 | $0^{\circ}\Omega$            |            |                  | 2675 May 20 22:52 | 0° <b>Ⅱ</b>                     |             |
|                     | 2670 Aug 22 17:54 | 0° m)                        |            |                  | 2675 Jun 21 03:38 | 0°95                            |             |
|                     | 2670 Sep 22 19:25 | 0∘ <mark>ಹ</mark>            |            | max. Earth dist. | 2675 Jul 16 10:48 | 24° <b>©</b> 09'29              | 1.01644 AU  |
|                     | 2670 Oct 23 09:31 | 0° <b>M</b>                  |            |                  | 2675 Jul 22 13:44 | 0°N                             |             |
|                     | 2670 Nov 22 11:26 | 0° <b>∡</b> 7                |            |                  | 2675 Aug 22 22:39 | 0° <b>m</b> )                   |             |
|                     | 2670 Dec 22 03:37 | 0°ਤ<br>ਰਾ                    |            |                  | 2675 Sep 23 00:12 | 0° <del>ت</del><br>سائ          |             |
| min. Earth dist.    | 2671 Jan 15 14:48 | 0 පි<br>24°පි54'06           | 0.98355 AU |                  | 2675 Oct 23 14:22 | 0° <b>m</b>                     |             |
| mm. Earm Wist.      |                   | 24 <b>3</b> 3400 0° <b>≈</b> | 0.70333 AU |                  | 2675 Nov 22 16:23 | 0° 17⊓<br>0° 7⊓                 |             |
|                     | 2671 Jan 20 14:58 | 0° <b>∺</b>                  |            |                  |                   |                                 |             |
|                     | 2671 Feb 19 03:28 | 0° <b>π</b><br>0° <b>Υ</b>   |            | main E-ut- 11 c  | 2675 Dec 22 08:39 | 0°る<br>25° <b>ろ</b> 50'02       | 0.98359 AU  |
|                     | 2671 Mar 20 22:51 |                              |            | min. Earth dist. | 2676 Jan 16 17:52 | 25° <b>る</b> 50'03              | u.yossy AU  |
|                     | 2671 Apr 20 05:11 | 0° <b>B</b>                  |            |                  | 2676 Jan 20 20:02 | 0° <b>≈</b>                     |             |
|                     | 2671 May 20 23:45 | 0° <b>I</b> I                |            |                  | 2676 Feb 19 08:31 | 0° <b>)</b> €                   |             |
|                     | 2671 Jun 21 04:33 | 0ංම                          |            |                  | 2676 Mar 20 03:50 | $0$ ° $\Upsilon$                |             |

|                  | 2676 Apr 19 10:05 | 0°8                     |   |                      | 2681 Jan 20 00:56 | 0° <b>≈</b>                      |             |
|------------------|-------------------|-------------------------|---|----------------------|-------------------|----------------------------------|-------------|
|                  | 2676 May 20 04:35 | $\Pi$ $^{\circ}0$       |   |                      | 2681 Feb 18 13:24 | 0° <b>ℋ</b>                      |             |
|                  | 2676 Jun 20 09:22 | 0                       |   |                      | 2681 Mar 20 08:41 | $0$ ° $\Upsilon$                 |             |
| max. Earth dist. | 2676 Jul 15 14:46 | 24° <b>©</b> 05'23      | 1.01640 AU                              |                      | 2681 Apr 19 14:56 | $9^{\circ}$ 8                    |             |
|                  | 2676 Jul 21 19:30 | $0^{\circ}\Omega$       |   |                      | 2681 May 20 09:28 | $\Pi^{\circ}0$                   |             |
|                  | 2676 Aug 22 04:28 | 0° <b>m</b>             |   |                      | 2681 Jun 20 14:18 | $0$ $\circ$ $\odot$              |             |
|                  | 2676 Sep 22 06:04 | 0∘ <b>⊽</b>             |   | max. Earth dist.     | 2681 Jul 15 00:17 | 23°9519'00                       | 1.01643 AU  |
|                  | 2676 Oct 22 20:17 | 0°M                     |   |                      | 2681 Jul 22 00:28 | $0^{\circ}\Omega$                |             |
|                  | 2676 Nov 21 22:18 | 0° <b>⊼</b> ¹           |   |                      | 2681 Aug 22 09:27 | 0° m/                            |             |
|                  | 2676 Dec 21 14:33 | 8°0                     |   |                      | 2681 Sep 22 11:03 | 0∘ <del>⊽</del>                  |             |
| min. Earth dist. | 2677 Jan 14 00:58 | 23°る50'58               | 0.98355 AU                              |                      | 2681 Oct 23 01:14 | 0° <b>M</b> ₊                    |             |
|                  | 2677 Jan 20 01:54 | 0° <b>≈</b>             | *************************************** |                      | 2681 Nov 22 03:14 | 0° <b>⊼</b> 7                    |             |
|                  | 2677 Feb 18 14:22 | 0° <b>∀</b>             |   |                      | 2681 Dec 21 19:28 | °ਨ                               |             |
|                  | 2677 Mar 20 09:41 | 0° <b>Υ</b>             |   | min. Earth dist.     | 2682 Jan 15 04:15 | 24°る47'59                        | 0.98355 AU  |
|                  |                   | 0°8                     |   | iiiii. Eartii tiist. | 2682 Jan 20 06:49 | 24 <b>O</b> 47 39<br>0° <b>≈</b> | 0.96333 AU  |
|                  | 2677 Apr 19 15:57 | 0°II                    |   |                      |                   | 0 <b>≈</b><br>0° <b>∺</b>        |             |
|                  | 2677 May 20 10:28 |                         |   |                      | 2682 Feb 18 19:17 |                                  |             |
|                  | 2677 Jun 20 15:14 | 0.20                    |   |                      | 2682 Mar 20 14:36 | 0° <b>Υ</b>                      |             |
| max. Earth dist. | 2677 Jul 17 10:55 | 25° <b>©</b> 36'32      | 1.01644 AU                              |                      | 2682 Apr 19 20:52 | 0°8                              |             |
|                  | 2677 Jul 22 01:20 | $0$ $^{\circ}$ $\Omega$ |   |                      | 2682 May 20 15:24 | $\Pi$ °0                         |             |
|                  | 2677 Aug 22 10:15 | O° Mp                   |   |                      | 2682 Jun 20 20:11 | $0$ $\circ$                      |             |
|                  | 2677 Sep 22 11:47 | 0∘ <b>ত</b>             |   | max. Earth dist.     | 2682 Jul 17 21:28 | 25° <b>©</b> 50'00               | 1.01640 AU  |
|                  | 2677 Oct 23 01:57 | 0°M                     |   |                      | 2682 Jul 22 06:17 | $0 {\circ} \Omega$               |             |
|                  | 2677 Nov 22 03:57 | 0° <b>∡</b> ¹           |   |                      | 2682 Aug 22 15:12 | 0° <b>m</b> )                    |             |
|                  | 2677 Dec 21 20:11 | 5°0                     |   |                      | 2682 Sep 22 16:45 | 0∘ <b>ত</b>                      |             |
| min. Earth dist. | 2678 Jan 14 20:02 | 24° <b>る</b> 25'00      | 0.98361 AU                              |                      | 2682 Oct 23 06:56 | 0° <b>M</b>                      |             |
|                  | 2678 Jan 20 07:32 | 0° <b>≈</b>             |   |                      | 2682 Nov 22 08:56 | 0° <b>∡</b> ¹                    |             |
|                  | 2678 Feb 18 20:01 | 0° <b>∀</b>             |   |                      | 2682 Dec 22 01:13 | 0°ප                              |             |
|                  | 2678 Mar 20 15:22 | $0^{\circ}\mathbf{Y}$   |   | min. Earth dist.     | 2683 Jan 13 23:36 | 23° <b>る</b> 20'06               | 0.98361 AU  |
|                  | 2678 Apr 19 21:41 | 0°8                     |   |                      | 2683 Jan 20 12:36 | 0° <b>≈</b>                      |             |
|                  | 2678 May 20 16:15 | 0°Ⅲ                     |   |                      | 2683 Feb 19 01:05 | 0° <b>)</b> €                    |             |
|                  | 2678 Jun 20 21:03 | 0°9                     |   |                      | 2683 Mar 20 20:26 | 0° <b>Υ</b>                      |             |
| max. Earth dist. | 2678 Jul 15 13:08 | 23° <b>©</b> 33'33      | 1.01642 AU                              |                      | 2683 Apr 20 02:41 | 0°8                              |             |
| man. Darm dist.  | 2678 Jul 22 07:10 | 0° <b>Ω</b>             | 1.010.2110                              |                      | 2683 May 20 21:11 | 0°II                             |             |
|                  | 2678 Aug 22 16:04 | 0° m/y                  |   |                      | 2683 Jun 21 01:55 | 0°©                              |             |
|                  | 2678 Sep 22 17:37 | 0∘ <b>ʊ</b><br>৹ m⁄     |   | max. Earth dist.     | 2683 Jul 16 19:57 | 24° <b>©</b> 35'26               | 1.01643 AU  |
|                  | 2678 Oct 23 07:47 | 0° <b>m</b>             |   | max. Earth dist.     | 2683 Jul 22 12:00 | 0°Ω                              | 1.01043 AU  |
|                  |                   | 0° <b>⊼</b>             |   |                      |                   | 0° <b>m</b> )                    |             |
|                  | 2678 Nov 22 09:48 | 0°중                     |   |                      | 2683 Aug 22 20:56 | 0∘ <del>ত</del><br>اللا          |             |
| : E 4 E 4        | 2678 Dec 22 02:05 |                         | 0.00257.411                             |                      | 2683 Sep 22 22:32 |                                  |             |
| min. Earth dist. | 2679 Jan 16 01:02 |                         | 0.98357 AU                              |                      | 2683 Oct 23 12:46 | 0°M√                             |             |
|                  | 2679 Jan 20 13:27 | 0° <b>≈</b>             |   |                      | 2683 Nov 22 14:50 | 0° <b>∡</b> 7                    |             |
|                  | 2679 Feb 19 01:55 | 0° <b>∀</b>             |   |                      | 2683 Dec 22 07:07 | 0°ಕ                              |             |
|                  | 2679 Mar 20 21:15 | 0° <b>Υ</b>             |   | min. Earth dist.     | 2684 Jan 16 20:29 | 26° <b>る</b> 00'44               | 0.98356 AU  |
|                  | 2679 Apr 20 03:31 | 0°8                     |   |                      | 2684 Jan 20 18:27 | 0° <b>≈</b>                      |             |
|                  | 2679 May 20 22:02 | $\Pi^{\circ}0$          |   |                      | 2684 Feb 19 06:52 | 0° <b>∀</b>                      |             |
|                  | 2679 Jun 21 02:48 | 0                       |   |                      | 2684 Mar 20 02:08 | <b>0°</b> ℃                      |             |
| max. Earth dist. | 2679 Jul 17 11:41 | 25° <b>©</b> 10'58      | 1.01636 AU                              |                      | 2684 Apr 19 08:21 | $9^{\circ}$ 8                    |             |
|                  | 2679 Jul 22 12:54 | $0^{\circ}\Omega$       |   |                      | 2684 May 20 02:51 | $\Pi$ $^{\circ}0$                |             |
|                  | 2679 Aug 22 21:47 | 0° <b>m</b> )           |   |                      | 2684 Jun 20 07:39 | $0$ $\circ$                      |             |
|                  | 2679 Sep 22 23:19 | 0∘ <b>⊽</b>             |   | max. Earth dist.     | 2684 Jul 15 03:44 | 23° <b>5</b> 43'11               | 1.01641 AU  |
|                  | 2679 Oct 23 13:31 | $0^{\circ}$ M.          |   |                      | 2684 Jul 21 17:48 | $0^{\circ}\Omega$                |             |
|                  | 2679 Nov 22 15:34 | 0° <b>∡</b> ¹           |   |                      | 2684 Aug 22 02:48 | 0° <b>m</b> y                    |             |
|                  | 2679 Dec 22 07:53 | 5°0                     |   |                      | 2684 Sep 22 04:27 | 0∘ <b>⊽</b>                      |             |
| min. Earth dist. | 2680 Jan 14 10:37 | 23° <b>る</b> 31'10      | 0.98360 AU                              |                      | 2684 Oct 22 18:45 | 0° <b>M</b> ₊                    |             |
|                  | 2680 Jan 20 19:17 | 0° <b>≈</b>             |   |                      | 2684 Nov 21 20:50 | 0° <b>∡</b> ¹                    |             |
|                  | 2680 Feb 19 07:46 | 0° <b>)</b> €           |   |                      | 2684 Dec 21 13:08 | ರ°0                              |             |
|                  | 2680 Mar 20 03:03 | $0^{\circ}\Upsilon$     |   | min. Earth dist.     | 2685 Jan 14 11:12 | 24° <b>る</b> 20'42               | 0.98352 AU  |
|                  | 2680 Apr 19 09:17 | 0°8                     |   |                      | 2685 Jan 20 00:28 | 0° <b>≈</b>                      |             |
|                  | 2680 May 20 03:46 | 0°Щ                     |   |                      | 2685 Feb 18 12:52 | 0° <b>)</b> €                    |             |
|                  | 2680 Jun 20 08:31 | 0°©                     |   |                      | 2685 Mar 20 08:06 | 0°Υ                              |             |
| max. Earth dist. | 2680 Jul 16 17:25 | 25° <b>©</b> 10'49      | 1.01644 AU                              |                      | 2685 Apr 19 14:17 | %8<br>0°B                        |             |
| man. Darm Ulst.  | 2680 Jul 21 18:37 | 23 <b>3</b> 1049        | 1.010TT AU                              |                      | 2685 May 20 08:47 | 0°II                             |             |
|                  | 2680 Aug 22 03:32 | 0° <b>m</b>             |   |                      | 2685 Jun 20 13:34 | 0₀©                              |             |
|                  | •                 | 0∘ <b>ರ</b>             |   | max. Earth dist.     |                   |                                  | 1 01645 411 |
|                  | 2680 Sep 22 05:06 |                         |   | max. Earth dist.     | 2685 Jul 17 15:15 | 25°\$50'48                       | 1.01645 AU  |
|                  | 2680 Oct 22 19:18 | 0°M.<br>0°. <b>⊼</b>    |   |                      | 2685 Jul 21 23:42 | 0° <b>Ω</b>                      |             |
|                  | 2680 Nov 21 21:19 | 0° <b>∡</b>             |   |                      | 2685 Aug 22 08:39 | 0° <b>m</b> )                    |             |
| t material       | 2680 Dec 21 13:35 | 0°る                     | 0.00270 ***                             |                      | 2685 Sep 22 10:15 | 0∘ <b>⊽</b>                      |             |
| min. Earth dist. | 2681 Jan 15 17:10 | 25° <b>る</b> 35'43      | 0.98360 AU                              |                      | 2685 Oct 23 00:29 | 0° <b>M</b>                      |             |

|                  | 2685 Nov 22 02:33                      | 0° <b>∡</b>                   |             |                  | 2690 Aug 22 13:48                      | 0° <b>m</b> y                 |             |
|------------------|--|-------------------------------|-------------|------------------|--|-------------------------------|-------------|
|                  | 2685 Dec 21 18:52                      | 0°る                           |             |                  | 2690 Sep 22 15:21                      | 0∘ <b>⊽</b>                   |             |
| min. Earth dist. | 2686 Jan 14 12:32                      | 24° <b>⋜</b> 09'13            | 0.98360 AU  |                  | 2690 Oct 23 05:36                      | 0°M<br>0°. <b>₹</b>           |             |
|                  | 2686 Jan 20 06:14                      | 0° <b>≈</b>                   |             |                  | 2690 Nov 22 07:42                      | 0° <b>⊼</b>                   |             |
|                  | 2686 Feb 18 18:40                      | 0° <b>ℋ</b><br>0° <b>Ƴ</b>    |             | i. Fauth diet    | 2690 Dec 22 00:04                      | 0°る                           | 0.00262.411 |
|                  | 2686 Mar 20 13:56                      | 0°Y                           |             | min. Earth dist. | 2691 Jan 14 02:18<br>2691 Jan 20 11:29 | 23°る29'48<br>0°≈              | 0.98362 AU  |
|                  | 2686 Apr 19 20:08<br>2686 May 20 14:37 | 0°II                          |             |                  | 2691 Feb 18 23:58                      | 0 <b>≈</b><br>0° <b>∀</b>     |             |
|                  | 2686 Jun 20 19:24                      | 0°9                           |             |                  | 2691 Mar 20 19:16                      | 0°Υ                           |             |
| max. Earth dist. | 2686 Jul 15 21:40                      | 23° <b>9</b> 57'47            | 1.01645 AU  |                  | 2691 Apr 20 01:29                      | 0°8                           |             |
| max. Earth dist. | 2686 Jul 22 05:32                      | 0°Ω                           | 1.01043710  |                  | 2691 May 20 19:55                      | 0°II                          |             |
|                  | 2686 Aug 22 14:30                      | 0° <b>m</b> )                 |             |                  | 2691 Jun 21 00:37                      | 0.<br>0.                      |             |
|                  | 2686 Sep 22 16:06                      | 0∘ <b>⊽</b>                   |             | max. Earth dist. | 2691 Jul 17 03:47                      | 24° <b>©</b> 57'16            | 1.01641 AU  |
|                  | 2686 Oct 23 06:21                      | 0°M                           |             |                  | 2691 Jul 22 10:40                      | 0°Ω                           |             |
|                  | 2686 Nov 22 08:26                      | 0° <b>∡</b> 7                 |             |                  | 2691 Aug 22 19:33                      | 0° m)                         |             |
|                  | 2686 Dec 22 00:47                      | 0° <b>ට</b>                   |             |                  | 2691 Sep 22 21:07                      | 0∘ <u>⊽</u>                   |             |
| min. Earth dist. | 2687 Jan 16 09:34                      | 25° <b>ප්</b> 48'55           | 0.98359 AU  |                  | 2691 Oct 23 11:22                      | 0°M                           |             |
|                  | 2687 Jan 20 12:11                      | 0°≈                           |             |                  | 2691 Nov 22 13:29                      | 0°⊀                           |             |
|                  | 2687 Feb 19 00:40                      | 0° <b>)</b> €                 |             |                  | 2691 Dec 22 05:50                      | 0°ප                           |             |
|                  | 2687 Mar 20 19:56                      | $0$ ° $\mathbf{Y}$            |             | min. Earth dist. | 2692 Jan 16 21:29                      | 26° <b>る</b> 06'22            | 0.98361 AU  |
|                  | 2687 Apr 20 02:06                      | 0°8                           |             |                  | 2692 Jan 20 17:14                      | 0° <b>≈</b>                   |             |
|                  | 2687 May 20 20:30                      | $\Pi$ $^{\circ}0$             |             |                  | 2692 Feb 19 05:41                      | 0° <b>ℋ</b>                   |             |
|                  | 2687 Jun 21 01:13                      | 0ಂ <b>ತಾ</b>                  |             |                  | 2692 Mar 20 00:55                      | $0$ ° $\Upsilon$              |             |
| max. Earth dist. | 2687 Jul 17 03:30                      | 24° <b>©</b> 55'15            | 1.01637 AU  |                  | 2692 Apr 19 07:05                      | $9^{\circ}$ 8                 |             |
|                  | 2687 Jul 22 11:19                      | $0$ $^{\circ}\Omega$          |             |                  | 2692 May 20 01:32                      | $\Pi$ $^{\circ}0$             |             |
|                  | 2687 Aug 22 20:17                      | O° Mp                         |             |                  | 2692 Jun 20 06:17                      | $0$ $\circ$ $\odot$           |             |
|                  | 2687 Sep 22 21:54                      | 0∘ <b>⊽</b>                   |             | max. Earth dist. | 2692 Jul 14 21:14                      | 23° <b>©</b> 30'55            | 1.01641 AU  |
|                  | 2687 Oct 23 12:11                      | 0°M                           |             |                  | 2692 Jul 21 16:26                      | $0$ $^{\circ}\Omega$          |             |
|                  | 2687 Nov 22 14:18                      | 0° <b>∡</b> 7                 |             |                  | 2692 Aug 22 01:24                      | 0° <b>m</b> y                 |             |
| : P 4 E          | 2687 Dec 22 06:40                      | 0°る                           | 0.00260.444 |                  | 2692 Sep 22 03:03                      | 0∘ <b>亚</b>                   |             |
| min. Earth dist. | 2688 Jan 14 16:11                      | 23°₹48'26                     | 0.98360 AU  |                  | 2692 Oct 22 17:19                      | 0°M.                          |             |
|                  | 2688 Jan 20 18:06                      | 0° <b>∺</b>                   |             |                  | 2692 Nov 21 19:25                      | 0°る                           |             |
|                  | 2688 Feb 19 06:36<br>2688 Mar 20 01:52 | 0 <b>Υ</b><br>0° <b>Υ</b>     |             | min. Earth dist. | 2692 Dec 21 11:44<br>2693 Jan 14 17:56 |                               | 0.98356 AU  |
|                  | 2688 Apr 19 08:02                      | 0° <b>8</b>                   |             | min. Earth dist. | 2693 Jan 19 23:07                      | 24 <b>O</b> 41 18 0° <b>≈</b> | 0.98330 AU  |
|                  | 2688 May 20 02:24                      | 0°II                          |             |                  | 2693 Feb 18 11:34                      | 0° <b>∺</b>                   |             |
|                  | 2688 Jun 20 07:04                      | 0.©<br>0 H                    |             |                  | 2693 Mar 20 06:48                      | 0° <b>Υ</b>                   |             |
| max. Earth dist. | 2688 Jul 17 05:17                      |                               | 1.01642 AU  |                  | 2693 Apr 19 12:58                      | 0°8                           |             |
|                  | 2688 Jul 21 17:07                      | 0°N                           |             |                  | 2693 May 20 07:24                      | 0°П                           |             |
|                  | 2688 Aug 22 02:04                      | 0° mp                         |             |                  | 2693 Jun 20 12:10                      | 0°95                          |             |
|                  | 2688 Sep 22 03:42                      | 0∘ <u>⊽</u>                   |             | max. Earth dist. | 2693 Jul 17 18:11                      | 26° <b>©</b> 01'13            | 1.01644 AU  |
|                  | 2688 Oct 22 18:00                      | 0°M                           |             |                  | 2693 Jul 21 22:17                      | $0^{\circ}\Omega$             |             |
|                  | 2688 Nov 21 20:05                      | 0°⊀                           |             |                  | 2693 Aug 22 07:14                      | 0° <b>m</b>                   |             |
|                  | 2688 Dec 21 12:24                      | 8°0                           |             |                  | 2693 Sep 22 08:50                      | 0∘ <b>ত</b>                   |             |
| min. Earth dist. | 2689 Jan 15 08:39                      | 25° <b>る</b> 16'57            | 0.98362 AU  |                  | 2693 Oct 22 23:03                      | $0^{\circ}$ M                 |             |
|                  | 2689 Jan 19 23:46                      | 0° <b>≈</b>                   |             |                  | 2693 Nov 22 01:06                      | 0° <b>∡</b> ¹                 |             |
|                  | 2689 Feb 18 12:14                      | 0° <b>∀</b>                   |             |                  | 2693 Dec 21 17:23                      | 0°る                           |             |
|                  | 2689 Mar 20 07:31                      | 0° <b>Υ</b>                   |             | min. Earth dist. | 2694 Jan 13 21:45                      | 23° <b>る</b> 35'19            | 0.98360 AU  |
|                  | 2689 Apr 19 13:44                      | 0° <b>8</b>                   |             |                  | 2694 Jan 20 04:45                      | 0° <b>≈</b>                   |             |
|                  | 2689 May 20 08:11                      | 0°II                          |             |                  | 2694 Feb 18 17:12                      | 0° <b>)</b> €                 |             |
| To all the       | 2689 Jun 20 12:56                      | 0°95                          | 1.01641.411 |                  | 2694 Mar 20 12:30                      | $^{\circ \gamma}$             |             |
| max. Earth dist. | 2689 Jul 15 05:29                      | 23°934'46                     | 1.01641 AU  |                  | 2694 Apr 19 18:42                      | 0°B<br>0°B                    |             |
|                  | 2689 Jul 21 23:02                      | 0° <b>Ω</b>                   |             |                  | 2694 May 20 13:09                      | 0°©                           |             |
|                  | 2689 Aug 22 08:00<br>2689 Sep 22 09:38 | 0 <b>் ம</b><br>0 <b>் மி</b> |             | max. Earth dist. | 2694 Jun 20 17:53<br>2694 Jul 16 06:05 | 0<br>24°<br>221'27            | 1.01646 AU  |
|                  | 2689 Oct 22 23:55                      | 0° <b>m</b> .                 |             | max. Earth dist. | 2694 Jul 22 04:01                      | 0°Ω                           | 1.01040 AC  |
|                  | 2689 Nov 22 02:01                      | 0° <b>⊼</b> 7                 |             |                  | 2694 Aug 22 12:59                      | 0° my                         |             |
|                  | 2689 Dec 21 18:20                      | °<br>ਨ<br>ਹ                   |             |                  | 2694 Sep 22 14:37                      | 0∘ <b>ত</b>                   |             |
| min. Earth dist. | 2690 Jan 15 14:37                      | 25° <b>る</b> 17'13            | 0.98356 AU  |                  | 2694 Oct 23 04:53                      | 0°M                           |             |
|                  | 2690 Jan 20 05:42                      | 0° <b>≈</b>                   |             |                  | 2694 Nov 22 06:57                      | 0° <b>∡</b> 7                 |             |
|                  | 2690 Feb 18 18:09                      | 0° <b>)</b> €                 |             |                  | 2694 Dec 21 23:14                      | 8°0                           |             |
|                  | 2690 Mar 20 13:27                      | $0^{\circ}\Upsilon$           |             | min. Earth dist. | 2695 Jan 16 11:06                      | 25° <b>පි</b> 56'51           | 0.98357 AU  |
|                  | 2690 Apr 19 19:41                      | $9^{\circ}$ 8                 |             |                  | 2695 Jan 20 10:36                      | 0° <b>≈</b>                   |             |
|                  | 2690 May 20 14:10                      | $\Pi^{\circ}0$                |             |                  | 2695 Feb 18 23:02                      | 0° <b>∀</b>                   |             |
|                  | 2690 Jun 20 18:53                      | $0$ $\circ$ $60$              |             |                  | 2695 Mar 20 18:17                      | $0$ ° $\Upsilon$              |             |
| max. Earth dist. | 2690 Jul 17 16:19                      | 25° <b>©</b> 40'58            | 1.01635 AU  |                  | 2695 Apr 20 00:27                      | 0°B                           |             |
|                  | 2690 Jul 22 04:56                      | $0$ ° $\Omega$                |             |                  | 2695 May 20 18:52                      | $\Pi$ °0                      |             |
|                  |  |                               |             |                  |  |                               |             |

|                  | 2605 1 20 22 24                        | 000                          |             |                  | 2700 M 20 22 10                        | 0000                              |              |
|------------------|--|------------------------------|-------------|------------------|--|-----------------------------------|--------------|
| E d E d          | 2695 Jun 20 23:34                      | 0°95                         | 1.01/20.411 |                  | 2700 Mar 20 23:18                      | 0° <b>Ƴ</b>                       |              |
| max. Earth dist. | 2695 Jul 16 11:34<br>2695 Jul 22 09:40 |                              | 1.01639 AU  |                  | 2700 Apr 20 05:22                      | 0°B<br>0°B                        |              |
|                  | 2695 Jul 22 09:40<br>2695 Aug 22 18:40 | 0° <b>N</b><br>0° <b>N</b>   |             |                  | 2700 May 20 23:42                      | 0.<br>0.П                         |              |
|                  | 2695 Sep 22 20:21                      | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2700 Jun 21 04:21<br>2700 Jul 16 02:23 | 23° <b>©</b> 47'55                | 1.01640 AU   |
|                  | 2695 Oct 23 10:41                      | 0° <b>m</b> .                |             | max. Earth dist. | 2700 Jul 10 02:23<br>2700 Jul 22 14:26 | 0°Ω                               | 1.01040 AU   |
|                  | 2695 Nov 22 12:50                      | 0° <b>⊼</b>                  |             |                  | 2700 Aug 22 23:27                      | 0° <b>m</b> )                     |              |
|                  | 2695 Dec 22 05:10                      | °5<br>ਨ                      |             |                  | 2700 Sep 23 01:12                      | 0∘ <b>⊽</b>                       |              |
| min. Earth dist. | 2696 Jan 14 23:09                      |                              | 0.98354 AU  |                  | 2700 Oct 23 15:36                      | 0° <b>M</b>                       |              |
|                  | 2696 Jan 20 16:31                      | 0° <b>≈</b>                  |             |                  | 2700 Nov 22 17:48                      | 0° <b>∡</b> ¹                     |              |
|                  | 2696 Feb 19 04:55                      | 0° <b>∀</b>                  |             |                  | 2700 Dec 22 10:11                      | ರ∘ರ                               |              |
|                  | 2696 Mar 20 00:07                      | $0^{\circ}\mathbf{Y}$        |             | min. Earth dist. | 2701 Jan 16 04:03                      | 25° <b>る</b> 10'58                | 0.98356 AU   |
|                  | 2696 Apr 19 06:14                      | $0^{\circ}$ 8                |             |                  | 2701 Jan 20 21:35                      | 0° <b>≈</b>                       |              |
|                  | 2696 May 20 00:37                      | $\Pi$ °0                     |             |                  | 2701 Feb 19 10:01                      | 0° <b>∀</b>                       |              |
|                  | 2696 Jun 20 05:18                      | $0$ $\circ$                  |             |                  | 2701 Mar 21 05:13                      | 0° <b>Ƴ</b>                       |              |
| max. Earth dist. | 2696 Jul 17 11:02                      | 26°5500'36                   | 1.01645 AU  |                  | 2701 Apr 20 11:20                      | 0 <sub>6</sub> 8                  |              |
|                  | 2696 Jul 21 15:23                      | 0° <b>N</b>                  |             |                  | 2701 May 21 05:41                      | 0°II                              |              |
|                  | 2696 Aug 22 00:21                      | 0° <b>m</b>                  |             | D. d. E.         | 2701 Jun 21 10:21                      | 0°©                               | 1.01/20.411  |
|                  | 2696 Sep 22 02:03                      | 0∘ <b>w</b>                  |             | max. Earth dist. | 2701 Jul 18 21:31                      | 26°©13'41                         | 1.01639 AU   |
|                  | 2696 Oct 22 16:24<br>2696 Nov 21 18:33 | 0° <b>M</b><br>0° <b>∡</b> 7 |             |                  | 2701 Jul 22 20:24<br>2701 Aug 23 05:21 | 0° <b>Ω</b><br>0° <b>m</b>        |              |
|                  | 2696 Dec 21 10:52                      | %ರ                           |             |                  | 2701 Sep 23 07:01                      | 0∘ <b>⊽</b>                       |              |
| min. Earth dist. | 2697 Jan 15 00:58                      | 0 0<br>25° <b>る</b> 01'21    | 0.98357 AU  |                  | 2701 Oct 23 21:21                      | o° <b>m</b>                       |              |
| mm. Barur dige.  | 2697 Jan 19 22:12                      | 0° <b>≈</b>                  | 0.90327110  |                  | 2701 Nov 22 23:32                      | 0° <b>∡</b> 7                     |              |
|                  | 2697 Feb 18 10:34                      | 0° <b>∀</b>                  |             |                  | 2701 Dec 22 15:54                      | 8°0                               |              |
|                  | 2697 Mar 20 05:44                      | $0$ ° $\Upsilon$             |             | min. Earth dist. | 2702 Jan 14 22:15                      | 23° <b>る</b> 40'17                | 0.98361 AU   |
|                  | 2697 Apr 19 11:51                      | 0°8                          |             |                  | 2702 Jan 21 03:19                      | 0° <b>≈</b>                       |              |
|                  | 2697 May 20 06:16                      | $\Pi$ °0                     |             |                  | 2702 Feb 19 15:46                      | 0° <b>∀</b>                       |              |
|                  | 2697 Jun 20 11:01                      | $0$ $\circ$                  |             |                  | 2702 Mar 21 11:00                      | 0° <b>Υ</b>                       |              |
| max. Earth dist. | 2697 Jul 15 10:28                      | 23° <b>9</b> 51'07           | 1.01646 AU  |                  | 2702 Apr 20 17:09                      | 0 <sub>6</sub> 8                  |              |
|                  | 2697 Jul 21 21:09                      | $\Omega^{\circ}\Omega$       |             |                  | 2702 May 21 11:32                      | 0°II                              |              |
|                  | 2697 Aug 22 06:10                      | 0° <b>m</b>                  |             | To all the       | 2702 Jun 21 16:12                      | 0°95                              | 1 01 C42 ATT |
|                  | 2697 Sep 22 07:53<br>2697 Oct 22 22:14 | 0° <b>Մ</b>                  |             | max. Earth dist. | 2702 Jul 17 14:59<br>2702 Jul 23 02:15 | 24° <b>©</b> 46'51<br>0° <b>Ω</b> | 1.01642 AU   |
|                  | 2697 Nov 22 00:25                      | 0° <b>⊼</b> ¹                |             |                  | 2702 Jul 23 02:13<br>2702 Aug 23 11:11 | 0°m)                              |              |
|                  | 2697 Dec 21 16:46                      | %<br>ਰ∘ਰ                     |             |                  | 2702 Sep 23 12:50                      | 0∘ <del>ত</del><br>مالا           |              |
| min. Earth dist. | 2698 Jan 16 01:58                      | 25° <b>る</b> 50'04           | 0.98355 AU  |                  | 2702 Oct 24 03:10                      | 0° <b>M</b>                       |              |
|                  | 2698 Jan 20 04:08                      | 0° <b>≈</b>                  |             |                  | 2702 Nov 23 05:22                      | 0° <b>∡</b> ¹                     |              |
|                  | 2698 Feb 18 16:32                      | 0° <b>∀</b>                  |             |                  | 2702 Dec 22 21:46                      | ರ∘ರ                               |              |
|                  | 2698 Mar 20 11:42                      | $0^{\circ}$ $\Upsilon$       |             | min. Earth dist. | 2703 Jan 17 18:28                      | 26° <b>る</b> 19'09                | 0.98361 AU   |
|                  | 2698 Apr 19 17:48                      | $0^{\circ}$ 8                |             |                  | 2703 Jan 21 09:12                      | 0°≈                               |              |
|                  | 2698 May 20 12:11                      | $\Pi$ °0                     |             |                  | 2703 Feb 19 21:39                      | 0° <b>∀</b>                       |              |
|                  | 2698 Jun 20 16:52                      | $0$ $\circ$                  |             |                  | 2703 Mar 21 16:52                      | 0° <b>Υ</b>                       |              |
| max. Earth dist. | 2698 Jul 17 10:23                      | 25° <b>©</b> 31'34           | 1.01638 AU  |                  | 2703 Apr 20 22:58                      | 0° <b>B</b>                       |              |
|                  | 2698 Jul 22 02:58                      | 0° <b>N</b>                  |             |                  | 2703 May 21 17:19                      | 0° <b>I</b> I                     |              |
|                  | 2698 Aug 22 11:55<br>2698 Sep 22 13:34 | 0 <b>் ம</b><br>0° <b>மி</b> |             | max. Earth dist. | 2703 Jun 21 21:58<br>2703 Jul 16 23:24 | 0°ഇ<br>23°ഇ56'07                  | 1.01636 AU   |
|                  | 2698 Oct 23 03:53                      | 0° <b>™</b>                  |             | max. Earth dist. | 2703 Jul 23 08:01                      | 23 <b>3</b> 3007                  | 1.01030 AU   |
|                  | 2698 Nov 22 06:04                      | 0° <b>×</b> 7⊓               |             |                  | 2703 Aug 23 16:59                      | 0° m)                             |              |
|                  | 2698 Dec 21 22:29                      | ਰ°0                          |             |                  | 2703 Sep 23 18:40                      | 0∘ <b>⊽</b>                       |              |
| min. Earth dist. | 2699 Jan 14 07:13                      | 23° <b>ප්</b> 46'19          | 0.98362 AU  |                  | 2703 Oct 24 09:02                      | 0° <b>M</b> .                     |              |
|                  | 2699 Jan 20 09:56                      | 0°≈                          |             |                  | 2703 Nov 23 11:16                      | 0° <b>∡</b> ⊓                     |              |
|                  | 2699 Feb 18 22:24                      | 0° <b>∀</b>                  |             |                  | 2703 Dec 23 03:42                      | 7°0                               |              |
|                  | 2699 Mar 20 17:37                      | $0$ ° $\Upsilon$             |             | min. Earth dist. | 2704 Jan 16 08:25                      | 24° <b>る</b> 37'19                | 0.98359 AU   |
|                  | 2699 Apr 19 23:41                      | 0°8                          |             |                  | 2704 Jan 21 15:10                      | 0° <b>≈</b>                       |              |
|                  | 2699 May 20 18:00                      | 0°Щ                          |             |                  | 2704 Feb 20 03:36                      | 0° <b>)</b>                       |              |
| p                | 2699 Jun 20 22:37                      | 0°©                          | 1.01642 477 |                  | 2704 Mar 20 22:48                      | 0°Υ<br>•••                        |              |
| max. Earth dist. | 2699 Jul 17 17:19                      | 25° <b>©</b> 34'21           | 1.01642 AU  |                  | 2704 Apr 20 04:52                      | 0° <b>B</b>                       |              |
|                  | 2699 Jul 22 08:39<br>2699 Aug 22 17:36 | 0° <b>N</b><br>0° <b>N</b>   |             |                  | 2704 May 20 23:11<br>2704 Jun 21 03:50 | 0° <b>Ⅱ</b><br>0° <b>⑤</b>        |              |
|                  | 2699 Aug 22 17:36<br>2699 Sep 22 19:17 | 0ം <del>യ</del>              |             | max. Earth dist. | 2704 Jul 18 15:33                      | ୦°୬୭<br>26°୭୭14'57                | 1.01642 AU   |
|                  | 2699 Oct 23 09:38                      | 0° <b>m</b> .                |             | max. Daruf dist. | 2704 Jul 22 13:53                      | 20 <b>3</b> 1437                  | 1.01072 AU   |
|                  | 2699 Nov 22 11:50                      | 0° <b>∡</b> 7                |             |                  | 2704 Aug 22 22:51                      | 0° <b>m</b> )                     |              |
|                  | 2699 Dec 22 04:14                      | 5°0                          |             |                  | 2704 Sep 23 00:32                      | 0∘ <u>⊽</u>                       |              |
| min. Earth dist. | 2700 Jan 16 18:31                      | 26° <b>පි</b> 02'48          | 0.98363 AU  |                  | 2704 Oct 23 14:52                      | $0^{\circ}$ M                     |              |
|                  | 2700 Jan 20 15:40                      | 0° <b>≈</b>                  |             |                  | 2704 Nov 22 17:02                      | 0° <b>∡</b> ¹                     |              |
|                  | 2700 Feb 19 04:06                      | 0° <b>∀</b>                  |             |                  | 2704 Dec 22 09:25                      | 0°₹                               |              |

|                  |  | _                                  |             |                  |  |                            |               |
|------------------|--|------------------------------------|-------------|------------------|--|----------------------------|---------------|
| min. Earth dist. | 2705 Jan 15 09:02                      |                                    | 0.98362 AU  |                  | 2709 Oct 23 20:07                      | 0°M₊                       |               |
|                  | 2705 Jan 20 20:50                      | 0°≈                                |             |                  | 2709 Nov 22 22:20                      | 0° <b>∡</b>                |               |
|                  | 2705 Feb 19 09:16                      | 0° <b>∀</b>                        |             |                  | 2709 Dec 22 14:45                      | 0° <b>ਰ</b>                |               |
|                  | 2705 Mar 21 04:28                      | $0^{\circ}\mathbf{\Upsilon}$       |             | min. Earth dist. | 2710 Jan 15 00:28                      |                            | 0.98360 AU    |
|                  | 2705 Apr 20 10:34                      | 0°8                                |             |                  | 2710 Jan 21 02:10                      | 0° <b>≈</b>                |               |
|                  | 2705 May 21 04:55                      | $\Pi^{\circ}0$                     |             |                  | 2710 Feb 19 14:33                      | 0° <b>∀</b>                |               |
|                  | 2705 Jun 21 09:37                      | 0ංම                                |             |                  | 2710 Mar 21 09:42                      | $0^{\circ}$ Y              |               |
| max. Earth dist. | 2705 Jul 16 18:10                      | 24°9512'48                         | 1.01645 AU  |                  | 2710 Apr 20 15:45                      | 0°8                        |               |
|                  | 2705 Jul 22 19:44                      | $0^{\circ}\Omega$                  |             |                  | 2710 May 21 10:03                      | $\Pi$ $\circ 0$            |               |
|                  | 2705 Aug 23 04:45                      | 0° <b>m</b> p                      |             |                  | 2710 Jun 21 14:41                      | $0$ $\circ$ $\odot$        |               |
|                  | 2705 Sep 23 06:27                      | 0∘ <b>ಹ</b>                        |             | max. Earth dist. | 2710 Jul 18 01:39                      |                            | 1.01645 AU    |
|                  | 2705 Oct 23 20:48                      | 0° <b>M</b>                        |             |                  | 2710 Jul 23 00:46                      | $0$ $^{\circ}\Omega$       |               |
|                  | 2705 Nov 22 22:58                      | 0° <b>∡</b>                        |             |                  | 2710 Aug 23 09:46                      | 0° <b>m</b> )              |               |
|                  | 2705 Dec 22 15:20                      | 0° <b>ರ</b>                        |             |                  | 2710 Sep 23 11:29                      | 0∘ <b>⊽</b>                |               |
| min. Earth dist. | 2706 Jan 17 04:26                      | 25° <b>る</b> 59'59                 | 0.98357 AU  |                  | 2710 Oct 24 01:52                      | 0° <b>M</b>                |               |
|                  | 2706 Jan 21 02:43                      | 0° <b>≈</b>                        |             |                  | 2710 Nov 23 04:06                      | 0° <b>∡</b> 7              |               |
|                  | 2706 Feb 19 15:09                      | 0° <b>∀</b>                        |             |                  | 2710 Dec 22 20:32                      | 0°ಕ                        |               |
|                  | 2706 Mar 21 10:23                      | $\mathbf{\gamma}_{0}$              |             | min. Earth dist. | 2711 Jan 17 20:15                      | 26° <b>る</b> 26'49         | 0.98363 AU    |
|                  | 2706 Apr 20 16:30                      | $_{0\circ}$ 8                      |             |                  | 2711 Jan 21 07:59                      | 0° <b>≈</b>                |               |
|                  | 2706 May 21 10:52                      | $\Pi^{\circ}0$                     |             |                  | 2711 Feb 19 20:25                      | 0° <b>ℋ</b>                |               |
|                  | 2706 Jun 21 15:32                      | $0$ $\circ$                        |             |                  | 2711 Mar 21 15:33                      | $0^{\circ}$ $\Upsilon$     |               |
| max. Earth dist. | 2706 Jul 17 21:39                      | 25° <b>©</b> 04'28                 | 1.01637 AU  |                  | 2711 Apr 20 21:32                      | $_{0\circ}$ 8              |               |
|                  | 2706 Jul 23 01:37                      | $0$ $^{\circ}$ $\Omega$            |             |                  | 2711 May 21 15:47                      | $\Pi$ $\circ 0$            |               |
|                  | 2706 Aug 23 10:35                      | 0° <b>m</b> ∕                      |             |                  | 2711 Jun 21 20:22                      | 0ංම                        |               |
|                  | 2706 Sep 23 12:16                      | 0∘ <b>⊽</b>                        |             | max. Earth dist. | 2711 Jul 17 00:01                      | 24° <b>©</b> 01'22         | 1.01638 AU    |
|                  | 2706 Oct 24 02:36                      | 0°M₊                               |             |                  | 2711 Jul 23 06:25                      | $0$ $\circ$ $\Omega$       |               |
|                  | 2706 Nov 23 04:47                      | 0° <b>∡</b> ¹                      |             |                  | 2711 Aug 23 15:27                      | 0° <b>m</b> p              |               |
|                  | 2706 Dec 22 21:10                      | 0° <b>ろ</b>                        |             |                  | 2711 Sep 23 17:14                      | 0° <b>⊽</b>                |               |
| min. Earth dist. | 2707 Jan 15 08:29                      |                                    | 0.98359 AU  |                  | 2711 Oct 24 07:41                      | 0° <b>M</b> ₊              |               |
|                  | 2707 Jan 21 08:35                      | 0° <b>≈</b>                        |             |                  | 2711 Nov 23 09:57                      | 0° <b>∡</b>                |               |
|                  | 2707 Feb 19 21:03                      | 0° <b>)</b> €                      |             | ' Patra          | 2711 Dec 23 02:25                      | 0°る                        | 0.00250 441   |
|                  | 2707 Mar 21 16:16                      | 0° <b>Υ</b>                        |             | min. Earth dist. | 2712 Jan 16 16:28                      | 25° <b>る</b> 01'09         | 0.98358 AU    |
|                  | 2707 Apr 20 22:23                      | 0° <b>B</b>                        |             |                  | 2712 Jan 21 13:52                      | 0° <b>≈</b>                |               |
|                  | 2707 May 21 16:43                      | 0° <b>Ⅱ</b>                        |             |                  | 2712 Feb 20 02:18                      | 0° <b>ℋ</b><br>0° <b>Ƴ</b> |               |
| max. Earth dist. | 2707 Jun 21 21:19                      | 0°ତ<br>25° <b>©</b> 55'46          | 1.01642 ATT |                  | 2712 Mar 20 21:27                      | 0°8                        |               |
| max. Earth dist. | 2707 Jul 19 00:59<br>2707 Jul 23 07:21 | 25° <b>9</b> 55'46'<br>0° <b>Ω</b> | 1.01642 AU  |                  | 2712 Apr 20 03:26                      | 0°U                        |               |
|                  |  | 0° <b>m</b> p                      |             |                  | 2712 May 20 21:40                      | 0ംഉ<br>0 п                 |               |
|                  | 2707 Aug 23 16:19                      | 0∘ <b>⊽</b>                        |             | mov Forth dist   | 2712 Jun 21 02:14                      |                            | 1.01640 AU    |
|                  | 2707 Sep 23 18:01<br>2707 Oct 24 08:25 | 0° <b>™</b>                        |             | max. Earth dist. | 2712 Jul 18 23:43<br>2712 Jul 22 12:15 | 0°Ω                        | 1.01040 AU    |
|                  | 2707 Nov 23 10:38                      | 0° <b>⊼</b>                        |             |                  | 2712 Jul 22 12:13<br>2712 Aug 22 21:14 | 0° <b>m</b> )              |               |
|                  | 2707 Dec 23 03:01                      | 0°ਤੋ                               |             |                  | 2712 Sep 22 23:00                      | 0∘ <b>ಹ</b>                |               |
| min. Earth dist. | 2708 Jan 17 10:11                      | 25° <b>පි</b> 44'46                | 0.98360 AU  |                  | 2712 Oct 23 13:27                      | 0° <b>m</b> ₊              |               |
| mm. Latin dist.  | 2708 Jan 21 14:23                      | 23° <b>∞</b> ++40                  | 0.76300 AC  |                  | 2712 Nov 22 15:43                      | 0° <b>⊼</b> ¹              |               |
|                  | 2708 Feb 20 02:46                      | 0° <b>∀</b>                        |             |                  | 2712 Dec 22 08:07                      | ∘ੰਤ                        |               |
|                  | 2708 Mar 20 21:55                      | 0° <b>Υ</b>                        |             | min. Earth dist. | 2713 Jan 15 01:17                      | 24° <b>る</b> 07'48         | 0.98361 AU    |
|                  | 2708 Apr 20 03:58                      | 0°8                                |             | mm. Earth dist.  | 2713 Jan 20 19:31                      | 0°≈                        | 0.90301710    |
|                  | 2708 May 20 22:18                      | 0°II                               |             |                  | 2713 Feb 19 07:55                      | 0° <b>)</b> €              |               |
|                  | 2708 Jun 21 02:59                      | 0ංම                                |             |                  | 2713 Mar 21 03:04                      | 0° <b>Υ</b>                |               |
| max. Earth dist. | 2708 Jul 16 02:11                      | 23°950'37                          | 1.01643 AU  |                  | 2713 Apr 20 09:06                      | 0°8                        |               |
|                  | 2708 Jul 22 13:06                      | $0^{\circ}\Omega$                  |             |                  | 2713 May 21 03:22                      | 0°II                       |               |
|                  | 2708 Aug 22 22:08                      | 0° mp                              |             |                  | 2713 Jun 21 07:58                      | 0ංම                        |               |
|                  | 2708 Sep 22 23:55                      | 0∘ <mark>ಹ</mark>                  |             | max. Earth dist. | 2713 Jul 17 04:35                      | 24°9541'43                 | 1.01643 AU    |
|                  | 2708 Oct 23 14:22                      | 0° <b>M</b>                        |             |                  | 2713 Jul 22 18:01                      | $0^{\circ}\Omega$          |               |
|                  | 2708 Nov 22 16:37                      | 0° <b>∡</b> ¹                      |             |                  | 2713 Aug 23 03:01                      | 0° <b>m</b> )              |               |
|                  | 2708 Dec 22 09:01                      | 0°ප                                |             |                  | 2713 Sep 23 04:46                      | 0∘ <b>ত</b>                |               |
| min. Earth dist. | 2709 Jan 16 15:05                      | 25° <b>る</b> 42'07                 | 0.98353 AU  |                  | 2713 Oct 23 19:13                      | 0° <b>M</b> .              |               |
|                  | 2709 Jan 20 20:23                      | 0° <b>≈</b>                        |             |                  | 2713 Nov 22 21:30                      | 0° <b>∡</b> ¹              |               |
|                  | 2709 Feb 19 08:44                      | 0° <b>∀</b>                        |             |                  | 2713 Dec 22 13:55                      | 0°ರ                        |               |
|                  | 2709 Mar 21 03:51                      | $0^{\circ}\Upsilon$                |             | min. Earth dist. | 2714 Jan 17 12:36                      | 26° <b>පි</b> 24'17        | 0.98358 AU    |
|                  | 2709 Apr 20 09:53                      | $9^{\circ}$ 8                      |             |                  | 2714 Jan 21 01:19                      | 0° <b>≈</b>                |               |
|                  | 2709 May 21 04:13                      | $\Pi^{\circ}0$                     |             |                  | 2714 Feb 19 13:43                      | 0° <b>ℋ</b>                |               |
|                  | 2709 Jun 21 08:55                      | 0ංම                                |             |                  | 2714 Mar 21 08:52                      | $0^{\circ}$ Y              |               |
| max. Earth dist. | 2709 Jul 18 15:27                      | 26°502'33                          | 1.01641 AU  |                  | 2714 Apr 20 14:55                      | 0°B                        |               |
|                  | 2709 Jul 22 19:02                      | $0^{\circ}\Omega$                  |             |                  | 2714 May 21 09:13                      | 0°II                       |               |
|                  | 2709 Aug 23 04:01                      | 0° m/y                             |             |                  | 2714 Jun 21 13:49                      | 0°©                        | 1.01.52.1 :=: |
|                  | 2709 Sep 23 05:43                      | 0∘ <b>⊽</b>                        |             | max. Earth dist. | 2714 Jul 17 07:45                      | 24° <b>©</b> 35'31         | 1.01634 AU    |

|                  | 2714 Jul 22 23:50<br>2714 Aug 23 08:47 | 0° <b>Ω</b><br>0° <b>m</b>   |            |                  | 2719 May 21 14:00<br>2719 Jun 21 18:34 | 0°©<br>∏°0                   |             |
|------------------|--|------------------------------|------------|------------------|--|------------------------------|-------------|
|                  | 2714 Sep 23 10:29                      | 0° <del>ٽ</del>              |            | max. Earth dist. | 2719 Jul 16 21:52                      | 24° <b>©</b> 00'32           | 1.01639 AU  |
|                  | 2714 Oct 24 00:54                      | 0°M                          |            |                  | 2719 Jul 23 04:37                      | $0^{\circ}\Omega$            |             |
|                  | 2714 Nov 23 03:12                      | 0°⊀                          |            |                  | 2719 Aug 23 13:39                      | 0° <b>m</b>                  |             |
|                  | 2714 Dec 22 19:41                      | ರ°0                          |            |                  | 2719 Sep 23 15:29                      | 0∘ <b>ত</b>                  |             |
| min. Earth dist. | 2715 Jan 15 19:28                      | 24° <b>る</b> 24'42           | 0.98361 AU |                  | 2719 Oct 24 06:00                      | $0^{\circ}$ M                |             |
|                  | 2715 Jan 21 07:10                      | 0° <b>≈</b>                  |            |                  | 2719 Nov 23 08:20                      | 0° <b>∡</b> ¹                |             |
|                  | 2715 Feb 19 19:36                      | 0° <b>∀</b>                  |            |                  | 2719 Dec 23 00:48                      | 0°₹                          |             |
|                  | 2715 Mar 21 14:45                      | $0$ ° $\mathbf{\gamma}$      |            | min. Earth dist. | 2720 Jan 17 01:46                      | 25° <b>る</b> 29'00           | 0.98355 AU  |
|                  | 2715 Apr 20 20:46                      | 0°B                          |            |                  | 2720 Jan 21 12:13                      | 0° <b>≈</b>                  |             |
|                  | 2715 May 21 15:02                      | 0° <b>I</b>                  |            |                  | 2720 Feb 20 00:35                      | 0° <b>∀</b>                  |             |
|                  | 2715 Jun 21 19:36                      | 0°©                          |            |                  | 2720 Mar 20 19:41                      | 0° <b>Υ</b>                  |             |
| max. Earth dist. | 2715 Jul 19 07:24                      | 26°©15'16                    | 1.01639 AU |                  | 2720 Apr 20 01:39                      | 8°0                          |             |
|                  | 2715 Jul 23 05:35                      | 0° <b>Ω</b>                  |            |                  | 2720 May 20 19:52                      | 0°©<br>0°∏                   |             |
|                  | 2715 Aug 23 14:30                      | 0 <b>் ⊽</b><br>0° M         |            | max. Earth dist. | 2720 Jun 21 00:27                      | ୦°୬୬<br>26°୭େ41'07           | 1.01640 AU  |
|                  | 2715 Sep 23 16:12<br>2715 Oct 24 06:37 | 0°M                          |            | max. Earm dist.  | 2720 Jul 18 23:07<br>2720 Jul 22 10:30 | 20 94107<br>0°Ω              | 1.01040 AU  |
|                  | 2715 Nov 23 08:54                      | 0° <b>⊼</b> 1                |            |                  | 2720 Jul 22 10:30<br>2720 Aug 22 19:31 | 0° <b>m</b> )                |             |
|                  | 2715 Dec 23 01:23                      | °ੇਂ<br>ਰ°ੇਂ                  |            |                  | 2720 Sep 22 21:19                      | 0° <del>ت</del><br>مالا      |             |
| min. Earth dist. | 2716 Jan 17 02:23                      |                              | 0.98364 AU |                  | 2720 Oct 23 11:50                      | 0°M                          |             |
|                  | 2716 Jan 21 12:50                      | 0° <b>≈</b>                  |            |                  | 2720 Nov 22 14:09                      | 0° <b>⊼</b>                  |             |
|                  | 2716 Feb 20 01:15                      | 0° <b>)</b> €                |            |                  | 2720 Dec 22 06:36                      | 0° <b>ට</b>                  |             |
|                  | 2716 Mar 20 20:21                      | $0^{\circ}\mathbf{\Upsilon}$ |            | min. Earth dist. | 2721 Jan 14 23:42                      | 24° <b>る</b> 07'39           | 0.98358 AU  |
|                  | 2716 Apr 20 02:20                      | $9^{\circ}$ 8                |            |                  | 2721 Jan 20 18:00                      | 0° <b>≈</b>                  |             |
|                  | 2716 May 20 20:34                      | $\Pi^{\circ}0$               |            |                  | 2721 Feb 19 06:21                      | 0° <b>)</b> €                |             |
|                  | 2716 Jun 21 01:11                      | $0$ $\circ$ $\odot$          |            |                  | 2721 Mar 21 01:25                      | $0^{\circ}\Upsilon$          |             |
| max. Earth dist. | 2716 Jul 16 07:04                      |                              | 1.01642 AU |                  | 2721 Apr 20 07:23                      | 0°8                          |             |
|                  | 2716 Jul 22 11:16                      | $0$ $^{\circ}$ $\Omega$      |            |                  | 2721 May 21 01:37                      | $\Pi$ °0                     |             |
|                  | 2716 Aug 22 20:17                      | 0° <b>т</b> р                |            |                  | 2721 Jun 21 06:13                      | 0°©                          |             |
|                  | 2716 Sep 22 22:04                      | 0∘ <b>亚</b>                  |            | max. Earth dist. | 2721 Jul 17 12:23                      | 25° <b>©</b> 04'23           | 1.01646 AU  |
|                  | 2716 Oct 23 12:32                      | 0° <b>M</b><br>0° <b>∡</b> 7 |            |                  | 2721 Jul 22 16:19                      | 0° <b>N</b><br>0° <b>m</b>   |             |
|                  | 2716 Nov 22 14:48<br>2716 Dec 22 07:15 | 0° <b>ਨ</b>                  |            |                  | 2721 Aug 23 01:21<br>2721 Sep 23 03:09 | 0∘ <b>ʊ</b><br>0 ılıı        |             |
| min. Earth dist. | 2717 Jan 16 22:17                      |                              | 0.98358 AU |                  | 2721 Oct 23 17:39                      | 0°M                          |             |
| mm. Larm dist.   | 2717 Jan 20 18:41                      | 0°≈                          | 0.70550710 |                  | 2721 Nov 22 19:59                      | 0° <b>⊼</b> 7                |             |
|                  | 2717 Feb 19 07:05                      | 0° <b>)</b> €                |            |                  | 2721 Dec 22 12:28                      | 5°0                          |             |
|                  | 2717 Mar 21 02:13                      | $0^{\circ}\mathbf{\Upsilon}$ |            | min. Earth dist. | 2722 Jan 17 18:17                      | 26° <b>ප</b> 42'21           | 0.98359 AU  |
|                  | 2717 Apr 20 08:13                      | $8^{\circ}$ 0                |            |                  | 2722 Jan 20 23:54                      | 0° <b>≈</b>                  |             |
|                  | 2717 May 21 02:29                      | $\Pi^{\circ}0$               |            |                  | 2722 Feb 19 12:17                      | 0° <b>)</b> €                |             |
|                  | 2717 Jun 21 07:07                      | $0$ $\circ$ $\odot$          |            |                  | 2722 Mar 21 07:22                      | $0$ ° $\Upsilon$             |             |
| max. Earth dist. | 2717 Jul 18 08:02                      |                              | 1.01639 AU |                  | 2722 Apr 20 13:19                      | 0°B                          |             |
|                  | 2717 Jul 22 17:12                      | $0$ $^{\circ}$ $\Omega$      |            |                  | 2722 May 21 07:32                      | 0°П                          |             |
|                  | 2717 Aug 23 02:13                      | 0° <b>m</b>                  |            | n d r            | 2722 Jun 21 12:07                      | 0°95                         | 1.01/27 411 |
|                  | 2717 Sep 23 03:56                      | 0∘ <b>亚</b>                  |            | max. Earth dist. | 2722 Jul 16 23:40                      | 24° <b>©</b> 20'15           | 1.01637 AU  |
|                  | 2717 Oct 23 18:20                      | 0° <b>M</b><br>0° <i>₹</i>   |            |                  | 2722 Jul 22 22:10                      | 0° <b>N</b><br>0° <b>m</b>   |             |
|                  | 2717 Nov 22 20:34<br>2717 Dec 22 12:59 | 0 ×.<br>0°ਤ                  |            |                  | 2722 Aug 23 07:11<br>2722 Sep 23 08:58 | 0∘ <b>ত</b><br>اللا          |             |
| min. Earth dist. | 2718 Jan 14 22:29                      |                              | 0.98360 AU |                  | 2722 Oct 23 23:27                      | 0° <b>™</b>                  |             |
| mm. Darm dist.   | 2718 Jan 21 00:25                      | 0°≈                          | 0.90300710 |                  | 2722 Nov 23 01:47                      | 0° <b>⊼</b> 7                |             |
|                  | 2718 Feb 19 12:50                      | 0° <b>∀</b>                  |            |                  | 2722 Dec 22 18:19                      | 0°ਰ                          |             |
|                  | 2718 Mar 21 08:01                      | $0^{\circ}\Upsilon$          |            | min. Earth dist. | 2723 Jan 16 03:48                      | 24° <b>る</b> 49'20           | 0.98361 AU  |
|                  | 2718 Apr 20 14:03                      | $9^{\circ}$ 8                |            |                  | 2723 Jan 21 05:50                      | 0° <b>≈</b>                  |             |
|                  | 2718 May 21 08:19                      | $\Pi^{\circ}0$               |            |                  | 2723 Feb 19 18:16                      | 0° <b>)</b> €                |             |
|                  | 2718 Jun 21 12:55                      | $0$ $\circ$ $\odot$          |            |                  | 2723 Mar 21 13:24                      | $0^{\circ}\mathbf{\Upsilon}$ |             |
| max. Earth dist. | 2718 Jul 18 11:41                      | 25°5544'03                   | 1.01643 AU |                  | 2723 Apr 20 19:20                      | $9^{\circ}$ 8                |             |
|                  | 2718 Jul 22 22:57                      | $0 ^{\circ} \Omega$          |            |                  | 2723 May 21 13:30                      | $\Pi$ $^{\circ}0$            |             |
|                  | 2718 Aug 23 07:57                      | 0° <b>т</b> р                |            |                  | 2723 Jun 21 18:00                      | 0°50                         |             |
|                  | 2718 Sep 23 09:42                      | 0∘ <b>亚</b>                  |            | max. Earth dist. | 2723 Jul 19 16:34                      | 26°9540'58                   | 1.01639 AU  |
|                  | 2718 Oct 24 00:08                      | 0°M.                         |            |                  | 2723 Jul 23 03:59                      | 0° <b>N</b>                  |             |
|                  | 2718 Nov 23 02:23                      | 0°る                          |            |                  | 2723 Aug 23 12:59                      | 0° <b>m</b><br>0° <b>0</b>   |             |
| min. Earth dist. | 2718 Dec 22 18:48<br>2719 Jan 17 13:39 |                              | 0.98362 AU |                  | 2723 Sep 23 14:46<br>2723 Oct 24 05:17 | 0° <b>Մ</b>                  |             |
| mm. Earth tist.  | 2719 Jan 17 13:39<br>2719 Jan 21 06:14 | 20° <b>⊘</b> 1420            | 0.70302 AU |                  | 2723 Nov 23 07:37                      | 0°11L<br>0° <b>√</b> 7       |             |
|                  | 2719 Feb 19 18:38                      | 0° <b>∀</b>                  |            |                  | 2723 Dec 23 00:07                      | 0°පි                         |             |
|                  | 2719 Mar 21 13:46                      | 0° <b>Υ</b>                  |            | min. Earth dist. | 2724 Jan 16 12:50                      |                              | 0.98364 AU  |
|                  | 2719 Apr 20 19:46                      | 0°8                          |            |                  | 2724 Jan 21 11:35                      | 0°≈                          |             |
|                  |  | -                            |            |                  |  |                              |             |

|                     | 2724 Feb 19 23:59                      | 0° <b>)</b> €                 |            |                  | 2728 Dec 22 05:17                      | 0°₹                          |             |
|---------------------|--|-------------------------------|------------|------------------|--|------------------------------|-------------|
|                     | 2724 Mar 20 19:05                      | 0° <b>Υ</b>                   |            | min. Earth dist. | 2729 Jan 14 20:17                      |                              | 0.98360 AU  |
|                     | 2724 Apr 20 01:01                      | 0°8                           |            | mm. Lartii dist. | 2729 Jan 20 16:43                      | 0°≈                          | 0.70500710  |
|                     | 2724 May 20 19:11                      | 0°II                          |            |                  | 2729 Feb 19 05:06                      | 0° <b>∀</b>                  |             |
|                     | 2724 Jun 20 23:43                      | 0.ee                          |            |                  | 2729 Mar 21 00:10                      | 0° <b>Υ</b>                  |             |
| max. Earth dist.    | 2724 Jul 16 17:27                      | 24°934'54                     | 1.01642 AU |                  | 2729 Apr 20 06:05                      | 0°8                          |             |
| man. Darur dige.    | 2724 Jul 22 09:45                      | 0°Ω                           | 1.010.2110 |                  | 2729 May 21 00:16                      | 0°II                         |             |
|                     | 2724 Aug 22 18:48                      | 0° <b>m</b> )                 |            |                  | 2729 Jun 21 04:50                      | 0°9                          |             |
|                     | 2724 Sep 22 20:39                      | 0∘ <b>⊽</b>                   |            | max. Earth dist. | 2729 Jul 17 22:22                      | 25° <b>©</b> 31'34           | 1.01646 AU  |
|                     | 2724 Oct 23 11:13                      | 0°M                           |            |                  | 2729 Jul 22 14:53                      | $0^{\circ}\Omega$            |             |
|                     | 2724 Nov 22 13:35                      | 0° <b>√</b>                   |            |                  | 2729 Aug 22 23:57                      | 0° m                         |             |
|                     | 2724 Dec 22 06:04                      | 8°0                           |            |                  | 2729 Sep 23 01:46                      | 0° <del>ق</del>              |             |
| min. Earth dist.    | 2725 Jan 17 05:51                      | 26° <b>♂</b> 27'05            | 0.98358 AU |                  | 2729 Oct 23 16:17                      | 0°M                          |             |
|                     | 2725 Jan 20 17:29                      | 0° <b>≈</b>                   |            |                  | 2729 Nov 22 18:36                      | 0° <b>∡</b> ¹                |             |
|                     | 2725 Feb 19 05:52                      | 0° <b>∀</b>                   |            |                  | 2729 Dec 22 11:05                      | 0°ಕ                          |             |
|                     | 2725 Mar 21 00:58                      | $0^{\circ}\mathbf{\Upsilon}$  |            | min. Earth dist. | 2730 Jan 17 16:03                      | 26° <b>ප්</b> 40'15          | 0.98360 AU  |
|                     | 2725 Apr 20 06:57                      | 0°8                           |            |                  | 2730 Jan 20 22:30                      | 0° <b>≈</b>                  |             |
|                     | 2725 May 21 01:10                      | $\Pi^{\circ}0$                |            |                  | 2730 Feb 19 10:52                      | 0° <b>ℋ</b>                  |             |
|                     | 2725 Jun 21 05:44                      | $0$ $\circ$ $\odot$           |            |                  | 2730 Mar 21 05:58                      | $0^{\circ}\mathbf{\Upsilon}$ |             |
| max. Earth dist.    | 2725 Jul 17 22:14                      | 25° <b>©</b> 29'16            | 1.01636 AU |                  | 2730 Apr 20 11:54                      | 0°8                          |             |
|                     | 2725 Jul 22 15:47                      | $0^{\circ}\Omega$             |            |                  | 2730 May 21 06:05                      | $\Pi$ $^{\circ}0$            |             |
|                     | 2725 Aug 23 00:47                      | O° Mp                         |            |                  | 2730 Jun 21 10:36                      | $0$ $\circ$ $\odot$          |             |
|                     | 2725 Sep 23 02:34                      | 0∘ <b>ত</b>                   |            | max. Earth dist. | 2730 Jul 16 19:25                      | 24°©13'45                    | 1.01638 AU  |
|                     | 2725 Oct 23 17:03                      | $0^{\circ}$ M,                |            |                  | 2730 Jul 22 20:38                      | $0$ $^{\circ}\Omega$         |             |
|                     | 2725 Nov 22 19:23                      | 0° <b>∡</b> ¹                 |            |                  | 2730 Aug 23 05:40                      | O° <b>m</b> y                |             |
|                     | 2725 Dec 22 11:52                      | 0°ප                           |            |                  | 2730 Sep 23 07:30                      | 0∘ <b>ত</b>                  |             |
| min. Earth dist.    | 2726 Jan 15 05:57                      | 24°る10'10                     | 0.98359 AU |                  | 2730 Oct 23 22:03                      | 0° <b>M</b> .                |             |
|                     | 2726 Jan 20 23:19                      | 0° <b>≈</b>                   |            |                  | 2730 Nov 23 00:24                      | 0° <b>∡</b> ¹                |             |
|                     | 2726 Feb 19 11:43                      | 0° <b>∀</b>                   |            |                  | 2730 Dec 22 16:54                      | 0°ಕ                          |             |
|                     | 2726 Mar 21 06:50                      | $0$ ° $\mathbf{\gamma}$       |            | min. Earth dist. | 2731 Jan 16 11:04                      |                              | 0.98357 AU  |
|                     | 2726 Apr 20 12:50                      | 0°8                           |            |                  | 2731 Jan 21 04:21                      | 0° <b>≈</b>                  |             |
|                     | 2726 May 21 07:04                      | $\Pi^{\circ}0$                |            |                  | 2731 Feb 19 16:45                      | 0° <b>∀</b>                  |             |
|                     | 2726 Jun 21 11:37                      | 0° <b>©</b>                   |            |                  | 2731 Mar 21 11:49                      | 0° <b>Υ</b>                  |             |
| max. Earth dist.    | 2726 Jul 18 20:05                      | 26°907'16                     | 1.01640 AU |                  | 2731 Apr 20 17:45                      | 0°8                          |             |
|                     | 2726 Jul 22 21:37                      | 0° <b>N</b>                   |            |                  | 2731 May 21 11:54                      | 0°II                         |             |
|                     | 2726 Aug 23 06:35                      | 0° <b>m</b>                   |            | E 41 11 4        | 2731 Jun 21 16:23                      | 0.00<br>0.00                 | 1.01/20.411 |
|                     | 2726 Sep 23 08:20                      | 0∘ <b>亚</b>                   |            | max. Earth dist. | 2731 Jul 19 20:20                      | 26°953'51                    | 1.01639 AU  |
|                     | 2726 Oct 23 22:49                      | 0°M.                          |            |                  | 2731 Jul 23 02:22                      | 0° <b>N</b>                  |             |
|                     | 2726 Nov 23 01:09                      | 0°⊀<br>0° <b>⋜</b>            |            |                  | 2731 Aug 23 11:22                      | 0° <b>™</b>                  |             |
| min. Earth dist.    | 2726 Dec 22 17:40<br>2727 Jan 17 10:38 | 0°る<br>26°る09'30              | 0.98365 AU |                  | 2731 Sep 23 13:13<br>2731 Oct 24 03:47 | 0° <b>∭</b><br>0° <b>亞</b>   |             |
| IIIII. Eartii tist. | 2727 Jan 21 05:08                      | 20 ℃09 30<br>0°≈              | 0.98303 AU |                  | 2731 Nov 23 06:11                      | 0° <b>⊼</b> 1                |             |
|                     | 2727 Feb 19 17:32                      | 0 <b>≈</b>                    |            |                  | 2731 Nov 23 00:11<br>2731 Dec 22 22:42 | 0°ਤ                          |             |
|                     | 2727 Mar 21 12:37                      | 0° <b>Υ</b>                   |            | min. Earth dist. | 2732 Jan 16 05:23                      | 24° <b>පි</b> 42'14          | 0.98360 AU  |
|                     | 2727 Apr 20 18:32                      | 0°8                           |            | mm. Lattii dist. | 2732 Jan 21 10:07                      | 24 ⊙42 14<br>0°≈             | 0.76500 AC  |
|                     | 2727 May 21 12:43                      | 0°II                          |            |                  | 2732 Feb 19 22:26                      | 0° <b>∀</b>                  |             |
|                     | 2727 Jun 21 17:15                      | 0°©                           |            |                  | 2732 Mar 20 17:26                      | 0° <b>Υ</b>                  |             |
| max. Earth dist.    | 2727 Jul 16 22:24                      | 24°904'57                     | 1.01639 AU |                  | 2732 Apr 19 23:18                      | 0°8                          |             |
|                     | 2727 Jul 23 03:17                      | 0°N                           |            |                  | 2732 May 20 17:27                      | 0°II                         |             |
|                     | 2727 Aug 23 12:18                      | 0° <b>m</b>                   |            |                  | 2732 Jun 20 21:58                      | 0°©                          |             |
|                     | 2727 Sep 23 14:07                      | $0$ o $\overline{\mathbf{v}}$ |            | max. Earth dist. | 2732 Jul 17 00:58                      | 24°©56'58                    | 1.01644 AU  |
|                     | 2727 Oct 24 04:40                      | 0°M                           |            |                  | 2732 Jul 22 08:01                      | $0^{\circ}\Omega$            |             |
|                     | 2727 Nov 23 07:02                      | 0° <b>∡</b> ¹                 |            |                  | 2732 Aug 22 17:05                      | 0° <b>m</b>                  |             |
|                     | 2727 Dec 22 23:34                      | 0°రె                          |            |                  | 2732 Sep 22 18:59                      | 0° <b>ت</b>                  |             |
| min. Earth dist.    | 2728 Jan 17 11:57                      | 25° <b>ප</b> 57'56            | 0.98359 AU |                  | 2732 Oct 23 09:36                      | 0° <b>M</b> ,                |             |
|                     | 2728 Jan 21 11:03                      | 0° <b>≈</b>                   |            |                  | 2732 Nov 22 12:02                      | 0° <b>∡</b> ¹                |             |
|                     | 2728 Feb 19 23:26                      | 0° <b>)</b> €                 |            |                  | 2732 Dec 22 04:34                      | ರ°ರ                          |             |
|                     | 2728 Mar 20 18:30                      | $0$ ° $\mathbf{\Upsilon}$     |            | min. Earth dist. | 2733 Jan 17 14:57                      | 26° <b>පි</b> 54'01          | 0.98357 AU  |
|                     | 2728 Apr 20 00:24                      | $9^{\circ}$ 8                 |            |                  | 2733 Jan 20 15:59                      | 0° <b>≈</b>                  |             |
|                     | 2728 May 20 18:34                      | $\Pi^{\circ}0$                |            |                  | 2733 Feb 19 04:18                      | 0° <b>∀</b>                  |             |
|                     | 2728 Jun 20 23:06                      | 0°©                           |            |                  | 2733 Mar 20 23:17                      | $0^{\circ}$ Y                |             |
| max. Earth dist.    | 2728 Jul 18 20:00                      | 26° <b>5</b> 36'57            | 1.01639 AU |                  | 2733 Apr 20 05:09                      | $9^{\circ}$ 8                |             |
|                     | 2728 Jul 22 09:09                      | $0^{\circ}\Omega$             |            |                  | 2733 May 20 23:18                      | $\Pi^{\circ}0$               |             |
|                     | 2728 Aug 22 18:11                      | 0° <b>m</b>                   |            |                  | 2733 Jun 21 03:51                      | $0$ $\circ$                  |             |
|                     | 2728 Sep 22 19:59                      | 0∘ <b>ত</b>                   |            | max. Earth dist. | 2733 Jul 17 09:40                      | 25° <b>©</b> 03'46           | 1.01638 AU  |
|                     | 2728 Oct 23 10:30                      | 0° <b>M</b> ₊                 |            |                  | 2733 Jul 22 13:55                      | $0^{\circ}\Omega$            |             |
|                     | 2728 Nov 22 12:49                      | 0° <b>∡</b> 7                 |            |                  | 2733 Aug 22 22:58                      | 0° <b>m</b>                  |             |
|                     |  |                               |            |                  |  |                              |             |

|                  | 2722 9 22 00 49   | 00.0                         |            | To all the       | 2720 1 1 16 16 20 | 240610154                           | 1 01/25 ATT |
|------------------|-------------------|------------------------------|------------|------------------|-------------------|-------------------------------------|-------------|
|                  | 2733 Sep 23 00:48 | 0∘ <b>亚</b>                  |            | max. Earth dist. | 2738 Jul 16 16:29 |                                     | 1.01635 AU  |
|                  | 2733 Oct 23 15:22 | 0° <b>M</b> ₊                |            |                  | 2738 Jul 22 18:52 | $\Omega^{\circ}\Omega$              |             |
|                  | 2733 Nov 22 17:46 | 0° <b>∡</b>                  |            |                  | 2738 Aug 23 03:52 | 0° <b>m</b>                         |             |
|                  | 2733 Dec 22 10:20 | 0° <b>ろ</b>                  |            |                  | 2738 Sep 23 05:42 | 0∘ <b>⊽</b>                         |             |
| min. Earth dist. | 2734 Jan 15 15:31 | 24° <b>⋜</b> 38′27           | 0.98360 AU |                  | 2738 Oct 23 20:18 | 0°M                                 |             |
|                  | 2734 Jan 20 21:48 | 0° <b>≈</b>                  |            |                  | 2738 Nov 22 22:44 | 0° <b>∡</b>                         |             |
|                  | 2734 Feb 19 10:11 | 0° <b>∀</b>                  |            |                  | 2738 Dec 22 15:21 | 0° <b>ろ</b>                         |             |
|                  | 2734 Mar 21 05:13 | 0° <b>Υ</b>                  |            | min. Earth dist. | 2739 Jan 16 21:38 |                                     | 0.98361 AU  |
|                  | 2734 Apr 20 11:05 | 0°8                          |            |                  | 2739 Jan 21 02:52 | 0° <b>≈</b>                         |             |
|                  | 2734 May 21 05:12 | $\Pi^{\circ}0$               |            |                  | 2739 Feb 19 15:17 | 0° <b>∀</b>                         |             |
|                  | 2734 Jun 21 09:41 | $0$ $\circ$ $\odot$          |            |                  | 2739 Mar 21 10:20 | $0$ ° $\mathbf{Y}$                  |             |
| max. Earth dist. | 2734 Jul 19 06:37 | 26° <b>©</b> 37'01           | 1.01641 AU |                  | 2739 Apr 20 16:12 | 0°8                                 |             |
|                  | 2734 Jul 22 19:41 | $0^{\circ}\Omega$            |            |                  | 2739 May 21 10:19 | $\Pi$ °0                            |             |
|                  | 2734 Aug 23 04:42 | O° <b>m</b>                  |            |                  | 2739 Jun 21 14:47 | 0                                   |             |
|                  | 2734 Sep 23 06:32 | 0∘ <b>⊽</b>                  |            | max. Earth dist. | 2739 Jul 19 19:47 | 26° <b>©</b> 56'25                  | 1.01636 AU  |
|                  | 2734 Oct 23 21:05 | 0°M                          |            |                  | 2739 Jul 23 00:45 | $0 {\circ} \Omega$                  |             |
|                  | 2734 Nov 22 23:29 | 0° <b>∡</b> ¹                |            |                  | 2739 Aug 23 09:44 | 0° <b>™</b>                         |             |
|                  | 2734 Dec 22 16:03 | 0°ප                          |            |                  | 2739 Sep 23 11:33 | 0∘ <b>ত</b>                         |             |
| min. Earth dist. | 2735 Jan 17 02:07 | 25° <b>ප</b> 51'48           | 0.98367 AU |                  | 2739 Oct 24 02:08 | $0^{\circ}$ M                       |             |
|                  | 2735 Jan 21 03:34 | 0° <b>≈</b>                  |            |                  | 2739 Nov 23 04:35 | 0° <b>∡</b>                         |             |
|                  | 2735 Feb 19 15:59 | 0° <b>∀</b>                  |            |                  | 2739 Dec 22 21:09 | 5°0                                 |             |
|                  | 2735 Mar 21 11:01 | $0$ $^{\circ}$ $\Upsilon$    |            | min. Earth dist. | 2740 Jan 15 22:50 | 24° <b>る</b> 29'20                  | 0.98363 AU  |
|                  | 2735 Apr 20 16:50 | 0°8                          |            |                  | 2740 Jan 21 08:39 | 0° <b>≈</b>                         |             |
|                  | 2735 May 21 10:52 | $\Pi$ $^{\circ}0$            |            |                  | 2740 Feb 19 21:01 | 0° <b>∀</b>                         |             |
|                  | 2735 Jun 21 15:18 | $0$ $\circ$ $\odot$          |            |                  | 2740 Mar 20 16:02 | $0$ ° $\Upsilon$                    |             |
| max. Earth dist. | 2735 Jul 17 07:33 | 24° <b>5</b> 31'29           | 1.01639 AU |                  | 2740 Apr 19 21:51 | 0°8                                 |             |
|                  | 2735 Jul 23 01:17 | $0^{\circ}\Omega$            |            |                  | 2740 May 20 15:57 | $\Pi^{\circ}0$                      |             |
|                  | 2735 Aug 23 10:21 | 0° <b>m</b>                  |            |                  | 2740 Jun 20 20:26 | $0$ $\circ$ $\mathfrak{S}$          |             |
|                  | 2735 Sep 23 12:15 | 0∘ <b>ত</b>                  |            | max. Earth dist. | 2740 Jul 17 09:12 | 25° <b>©</b> 20'15                  | 1.01644 AU  |
|                  | 2735 Oct 24 02:54 | 0°M                          |            |                  | 2740 Jul 22 06:28 | $\mathfrak{O}^{\circ}\mathfrak{O}$  |             |
|                  | 2735 Nov 23 05:21 | 0° <b>∡</b> ¹                |            |                  | 2740 Aug 22 15:33 | o° mp                               |             |
|                  | 2735 Dec 22 21:56 | ರ°0                          |            |                  | 2740 Sep 22 17:26 | 0∘ <b>⊽</b>                         |             |
| min. Earth dist. | 2736 Jan 17 20:38 | 26° <b>පි</b> 24'08          | 0.98361 AU |                  | 2740 Oct 23 08:03 | $0^{\circ}$ M.                      |             |
|                  | 2736 Jan 21 09:26 | 0° <b>≈</b>                  |            |                  | 2740 Nov 22 10:28 | 0° <b>∡</b> 7                       |             |
|                  | 2736 Feb 19 21:50 | 0° <b>∀</b>                  |            |                  | 2740 Dec 22 03:01 | 8°0                                 |             |
|                  | 2736 Mar 20 16:52 | $0$ ° $\Upsilon$             |            | min. Earth dist. | 2741 Jan 17 15:12 | 26° <b>පි</b> 58'31                 | 0.98360 AU  |
|                  | 2736 Apr 19 22:43 | $9^{\circ}$ 8                |            |                  | 2741 Jan 20 14:29 | 0° <b>≈</b>                         |             |
|                  | 2736 May 20 16:48 | $\Pi$ $^{\circ}0$            |            |                  | 2741 Feb 19 02:50 | 0° <b>∀</b>                         |             |
|                  | 2736 Jun 20 21:14 | 0ංම                          |            |                  | 2741 Mar 20 21:52 | $0$ ° $\Upsilon$                    |             |
| max. Earth dist. | 2736 Jul 18 17:30 | 26° <b>©</b> 35'37           | 1.01635 AU |                  | 2741 Apr 20 03:43 | 0°8                                 |             |
|                  | 2736 Jul 22 07:13 | $0$ $^{\circ}\Omega$         |            |                  | 2741 May 20 21:51 | $\Pi$ $^{\circ}0$                   |             |
|                  | 2736 Aug 22 16:15 | 0° mp                        |            |                  | 2741 Jun 21 02:22 | $0$ $\circ$ $\odot$                 |             |
|                  | 2736 Sep 22 18:08 | 0∘ <b>ত</b>                  |            | max. Earth dist. | 2741 Jul 16 22:56 | 24° <b>©</b> 41'45                  | 1.01639 AU  |
|                  | 2736 Oct 23 08:45 | $0^{\circ}$ M.               |            |                  | 2741 Jul 22 12:26 | $0^{\circ}\Omega$                   |             |
|                  | 2736 Nov 22 11:10 | 0° <b>∡</b> 7                |            |                  | 2741 Aug 22 21:31 | 0° <b>m</b> ⁄                       |             |
|                  | 2736 Dec 22 03:43 | ರ°ರ                          |            |                  | 2741 Sep 22 23:23 | 0∘ <b>⊽</b>                         |             |
| min. Earth dist. | 2737 Jan 14 23:02 | 24° <b>ප</b> 13'15           | 0.98360 AU |                  | 2741 Oct 23 13:58 | $0^{\circ}$ M.                      |             |
|                  | 2737 Jan 20 15:10 | 0° <b>≈</b>                  |            |                  | 2741 Nov 22 16:21 | 0° <b>∡</b>                         |             |
|                  | 2737 Feb 19 03:32 | 0° <b>∀</b>                  |            |                  | 2741 Dec 22 08:53 | 8°0                                 |             |
|                  | 2737 Mar 20 22:35 | $0$ ° $\Upsilon$             |            | min. Earth dist. | 2742 Jan 15 19:42 | 24° <b>る</b> 52'52                  | 0.98358 AU  |
|                  | 2737 Apr 20 04:29 | $_{0\circ}$ 8                |            |                  | 2742 Jan 20 20:20 | 0° <b>≈</b>                         |             |
|                  | 2737 May 20 22:36 | $\Pi^{\circ}0$               |            |                  | 2742 Feb 19 08:43 | 0° <b>∀</b>                         |             |
|                  | 2737 Jun 21 03:04 | $0$ $\circ$ $\odot$          |            |                  | 2742 Mar 21 03:47 | $0$ ° $\Upsilon$                    |             |
| max. Earth dist. | 2737 Jul 18 08:32 | 26° <b>©</b> 00'09           | 1.01641 AU |                  | 2742 Apr 20 09:40 | 0°8                                 |             |
|                  | 2737 Jul 22 13:03 | $0^{\circ}\Omega$            |            |                  | 2742 May 21 03:48 | $\Pi$ $^{\circ}0$                   |             |
|                  | 2737 Aug 22 22:04 | O° <b>m</b>                  |            |                  | 2742 Jun 21 08:17 | $0$ $\circ$                         |             |
|                  | 2737 Sep 22 23:55 | 0∘ <b>ত</b>                  |            | max. Earth dist. | 2742 Jul 19 12:36 | 26° <b>©</b> 54'39                  | 1.01641 AU  |
|                  | 2737 Oct 23 14:31 | 0°M,                         |            |                  | 2742 Jul 22 18:17 | $\mathfrak{O}_{\circ} \mathfrak{O}$ |             |
|                  | 2737 Nov 22 16:57 | 0°⊀                          |            |                  | 2742 Aug 23 03:20 | 0° <b>m</b>                         |             |
|                  | 2737 Dec 22 09:30 | ರ°0                          |            |                  | 2742 Sep 23 05:12 | 0∘ <b>⊽</b>                         |             |
| min. Earth dist. | 2738 Jan 17 16:28 | 26° <b>පි</b> 45'10          | 0.98363 AU |                  | 2742 Oct 23 19:48 | $0^{\circ}$ M                       |             |
|                  | 2738 Jan 20 20:58 | 0° <b>≈</b>                  |            |                  | 2742 Nov 22 22:13 | 0°⊀                                 |             |
|                  | 2738 Feb 19 09:20 | 0° <b>)</b> €                |            |                  | 2742 Dec 22 14:45 | ರ∘ರ                                 |             |
|                  | 2738 Mar 21 04:23 | $0^{\circ}\mathbf{\Upsilon}$ |            | min. Earth dist. | 2743 Jan 16 12:12 | 25° <b>る</b> 19'45                  | 0.98363 AU  |
|                  | 2738 Apr 20 10:17 | $9^{\circ}$ 8                |            |                  | 2743 Jan 21 02:12 | 0° <b>≈</b>                         |             |
|                  | 2738 May 21 04:25 | $\Pi^{\circ}0$               |            |                  | 2743 Feb 19 14:33 | 0° <b>∀</b>                         |             |
|                  | 2738 Jun 21 08:54 | 0ංම                          |            |                  | 2743 Mar 21 09:33 | $0$ ° $\Upsilon$                    |             |

|                  | 2743 Apr 20 15:22                      | 0° <b>႘</b>                          |               |                  | 2748 Jan 21 07:27                      | 0° <b>≈</b>                       |             |
|------------------|--|--------------------------------------|---------------|------------------|--|-----------------------------------|-------------|
|                  | 2743 May 21 09:26                      | 0°II                                 |               |                  | 2748 Feb 19 19:48                      | 0° <b>∀</b>                       |             |
|                  | 2743 Jun 21 13:53                      | 0°©                                  |               |                  | 2748 Mar 20 14:47                      | 0°Υ                               |             |
| max. Earth dist. | 2743 Jul 17 12:50                      |                                      | 1.01641 AU    |                  | 2748 Apr 19 20:33                      | 0°8                               |             |
|                  | 2743 Jul 22 23:53                      | 0°N                                  |               |                  | 2748 May 20 14:32                      | 0°П                               |             |
|                  | 2743 Aug 23 08:58                      | 0° m                                 |               |                  | 2748 Jun 20 18:55                      | 0°ತಾ                              |             |
|                  | 2743 Sep 23 10:55                      | 0° <del>ق</del>                      |               | max. Earth dist. | 2748 Jul 17 21:42                      | 25°\$53'51                        | 1.01641 AU  |
|                  | 2743 Oct 24 01:38                      | 0° <b>M</b> ,                        |               |                  | 2748 Jul 22 04:52                      | $0^{\circ}\Omega$                 |             |
|                  | 2743 Nov 23 04:08                      | 0°⊀                                  |               |                  | 2748 Aug 22 13:56                      | 0° <b>m</b>                       |             |
|                  | 2743 Dec 22 20:43                      | ರ°0                                  |               |                  | 2748 Sep 22 15:53                      | $0$ o $\overline{\mathbf{v}}$     |             |
| min. Earth dist. | 2744 Jan 18 06:04                      | 26° <b>ප්</b> 51'21                  | 0.98356 AU    |                  | 2748 Oct 23 06:36                      | $0^{\circ}$ M                     |             |
|                  | 2744 Jan 21 08:10                      | 0° <b>≈</b>                          |               |                  | 2748 Nov 22 09:08                      | 0° <b>∡</b> ¹                     |             |
|                  | 2744 Feb 19 20:28                      | 0° <b>ℋ</b>                          |               |                  | 2748 Dec 22 01:45                      | o°ප                               |             |
|                  | 2744 Mar 20 15:26                      | $0$ ° $\mathbf{\Upsilon}$            |               | min. Earth dist. | 2749 Jan 17 18:46                      | 27° <b>る</b> 10'47                | 0.98361 AU  |
|                  | 2744 Apr 19 21:13                      | $_{0\circ}$ 8                        |               |                  | 2749 Jan 20 13:13                      | 0° <b>≈</b>                       |             |
|                  | 2744 May 20 15:18                      | $\Pi^{\circ}0$                       |               |                  | 2749 Feb 19 01:33                      | 0° <b>∀</b>                       |             |
|                  | 2744 Jun 20 19:46                      | $0$ $\circ$ $\odot$                  |               |                  | 2749 Mar 20 20:32                      | $0$ ° $\mathbf{Y}$                |             |
| max. Earth dist. | 2744 Jul 18 04:13                      | 26° <b>©</b> 07'20                   | 1.01638 AU    |                  | 2749 Apr 20 02:20                      | 0°8                               |             |
|                  | 2744 Jul 22 05:48                      | $0^{\circ}\Omega$                    |               |                  | 2749 May 20 20:23                      | $\Pi$ $^{\circ}0$                 |             |
|                  | 2744 Aug 22 14:54                      | 0°Щ                                  |               |                  | 2749 Jun 21 00:49                      | $0$ $\circ$ $\odot$               |             |
|                  | 2744 Sep 22 16:50                      | 0ಂ <b>ಹ</b>                          |               | max. Earth dist. | 2749 Jul 16 17:52                      |                                   | 1.01636 AU  |
|                  | 2744 Oct 23 07:31                      | 0° <b>M</b>                          |               |                  | 2749 Jul 22 10:48                      | $0$ $^{\circ}$ $\Omega$           |             |
|                  | 2744 Nov 22 10:01                      | 0° <b>∡</b> ¹                        |               |                  | 2749 Aug 22 19:50                      | 0° mp                             |             |
|                  | 2744 Dec 22 02:36                      | 0°る                                  |               |                  | 2749 Sep 22 21:44                      | 0∘ <b>⊽</b>                       |             |
| min. Earth dist. | 2745 Jan 15 06:50                      |                                      | 0.98357 AU    |                  | 2749 Oct 23 12:24                      | 0°M                               |             |
|                  | 2745 Jan 20 14:02                      | 0° <b>≈</b>                          |               |                  | 2749 Nov 22 14:54                      | 0° <b>⊼</b>                       |             |
|                  | 2745 Feb 19 02:20                      | 0° <b>ℋ</b><br>0° <b>Ƴ</b>           |               | · P d P d        | 2749 Dec 22 07:32                      | 0°る                               | 0.00260 ATT |
|                  | 2745 Mar 20 21:16                      | 0° <b>∀</b>                          |               | min. Earth dist. | 2750 Jan 16 07:39                      |                                   | 0.98360 AU  |
|                  | 2745 Apr 20 03:03                      | 0°U                                  |               |                  | 2750 Jan 20 19:02                      | 0° <b>₩</b>                       |             |
|                  | 2745 May 20 21:07<br>2745 Jun 21 01:35 | 0°9                                  |               |                  | 2750 Feb 19 07:24<br>2750 Mar 21 02:24 | 0 <b>Υ</b><br>0° <b>Υ</b>         |             |
| max. Earth dist. | 2745 Jul 18 18:14                      | 26° <b>©</b> 26'45                   | 1.01644 AU    |                  | 2750 Apr 20 08:13                      | 0°8                               |             |
| max. Earth dist. | 2745 Jul 18 18:14<br>2745 Jul 22 11:36 | 20 <b>3</b> 20 43                    | 1.01044 AU    |                  | 2750 May 21 02:17                      | 0°U                               |             |
|                  | 2745 Aug 22 20:41                      | 0° <b>m</b> )                        |               |                  | 2750 Jun 21 06:42                      | 0° <b>©</b>                       |             |
|                  | 2745 Sep 22 22:36                      | 0∘ <b>⊽</b>                          |               | max. Earth dist. | 2750 Jul 19 15:44                      | 27° <b>©</b> 06'03                | 1.01636 AU  |
|                  | 2745 Oct 23 13:15                      | 0° <b>M</b>                          |               | man Barm digt.   | 2750 Jul 22 16:39                      | 0°N                               | 1.01050110  |
|                  | 2745 Nov 22 15:44                      | 0° <b>∡</b> 7                        |               |                  | 2750 Aug 23 01:38                      | 0° m)                             |             |
|                  | 2745 Dec 22 08:21                      | 0°ರ                                  |               |                  | 2750 Sep 23 03:30                      | 0° <del>ٽ</del>                   |             |
| min. Earth dist. | 2746 Jan 17 13:59                      | 26° <b>る</b> 41'43                   | 0.98363 AU    |                  | 2750 Oct 23 18:08                      | 0°M                               |             |
|                  | 2746 Jan 20 19:50                      | 0° <b>≈</b>                          |               |                  | 2750 Nov 22 20:38                      | 0° <b>∡</b> ¹                     |             |
|                  | 2746 Feb 19 08:11                      | 0° <b>)</b> €                        |               |                  | 2750 Dec 22 13:17                      | ರ°0                               |             |
|                  | 2746 Mar 21 03:08                      | $0^{\circ}\mathbf{\Upsilon}$         |               | min. Earth dist. | 2751 Jan 16 05:55                      | 25° <b>る</b> 07'21                | 0.98367 AU  |
|                  | 2746 Apr 20 08:54                      | $9^{\circ}$ 8                        |               |                  | 2751 Jan 21 00:48                      | 0° <b>≈</b>                       |             |
|                  | 2746 May 21 02:55                      | $\Pi$ $^{\circ}0$                    |               |                  | 2751 Feb 19 13:10                      | 0° <b>ℋ</b>                       |             |
|                  | 2746 Jun 21 07:20                      | 0ංම                                  |               |                  | 2751 Mar 21 08:08                      | $0$ ° $\Upsilon$                  |             |
| max. Earth dist. | 2746 Jul 16 22:17                      | 24°528'26                            | 1.01638 AU    |                  | 2751 Apr 20 13:53                      | $9^{\circ}$ 8                     |             |
|                  | 2746 Jul 22 17:19                      | $0 {\circ} \Omega$                   |               |                  | 2751 May 21 07:52                      | $\Pi$ $^{\circ}0$                 |             |
|                  | 2746 Aug 23 02:23                      | 0° <b>т</b> р                        |               |                  | 2751 Jun 21 12:15                      | $0$ $\circ$ $\odot$               |             |
|                  | 2746 Sep 23 04:19                      | 0∘ <b>⊽</b>                          |               | max. Earth dist. | 2751 Jul 17 19:58                      | 25° <b>©</b> 08'25                | 1.01639 AU  |
|                  | 2746 Oct 23 18:59                      | 0° <b>M</b>                          |               |                  | 2751 Jul 22 22:12                      | $0$ $^{\circ}$ $\Omega$           |             |
|                  | 2746 Nov 22 21:30                      | 0° <b>∡</b>                          |               |                  | 2751 Aug 23 07:15                      | 0° mp                             |             |
|                  | 2746 Dec 22 14:09                      | 0°る                                  | 0.000.00 4.77 |                  | 2751 Sep 23 09:11                      | 0∘ <b>亚</b>                       |             |
| min. Earth dist. | 2747 Jan 17 07:33                      | 26° <b>ප</b> 10'32                   | 0.98362 AU    |                  | 2751 Oct 23 23:53                      | 0°M                               |             |
|                  | 2747 Jan 21 01:42                      | 0° <b>≈</b>                          |               |                  | 2751 Nov 23 02:25                      | 0° <b>⊼</b>                       |             |
|                  | 2747 Feb 19 14:06                      | 0° <b>ℋ</b><br>0° <b>Ƴ</b>           |               | min. Earth dist. | 2751 Dec 22 19:05                      | 0°る<br>27° <b>ろ</b> 10/28         | 0.98362 AU  |
|                  | 2747 Mar 21 09:07                      | 0° <b>∀</b>                          |               | min. Earth dist. | 2752 Jan 18 12:04                      | 2/° <b>⊘</b> 10′38<br>0° <b>≈</b> | 0.98302 AU  |
|                  | 2747 Apr 20 14:53<br>2747 May 21 08:52 | 0°U                                  |               |                  | 2752 Jan 21 06:36<br>2752 Feb 19 18:57 | 0° <b>∺</b>                       |             |
|                  | 2747 May 21 08.32<br>2747 Jun 21 13:14 | 0°e<br>0 π                           |               |                  | 2752 Mar 20 13:55                      | 0 <b>Υ</b><br>0° <b>Υ</b>         |             |
| max. Earth dist. | 2747 Jul 21 13:14<br>2747 Jul 20 00:14 | 0 <del>3</del><br>27° <b>9</b> 10'48 | 1.01635 AU    |                  | 2752 Apr 19 19:40                      | 0°8                               |             |
| max. Darui dist. | 2747 Jul 20 00:14<br>2747 Jul 22 23:11 | 27 <b>3</b> 10 48                    | 1.01033 AU    |                  | 2752 Apr 19 19:40<br>2752 May 20 13:40 | 0°U                               |             |
|                  | 2747 Aug 23 08:13                      | 0° <b>m</b> )                        |               |                  | 2752 Jun 20 18:04                      | 0°©                               |             |
|                  | 2747 Aug 23 08:13<br>2747 Sep 23 10:08 | 0° <del>ت</del>                      |               | max. Earth dist. | 2752 Jul 17 15:12                      | 25° <b>©</b> 40'25                | 1.01636 AU  |
|                  | 2747 Oct 24 00:49                      | 0° <b>m</b>                          |               |                  | 2752 Jul 22 04:04                      | 0°Ω                               |             |
|                  | 2747 Nov 23 03:20                      | 0° <b>∡</b> 7                        |               |                  | 2752 Aug 22 13:10                      | 0° my                             |             |
|                  | 2747 Dec 22 19:57                      | 0°る                                  |               |                  | 2752 Sep 22 15:06                      | 0∘ <b>⊽</b>                       |             |
| min. Earth dist. | 2748 Jan 15 21:47                      |                                      | 0.98363 AU    |                  | 2752 Oct 23 05:47                      | 0°M                               |             |
|                  |  |                                      |               |                  |  |                                   |             |

|                     | 2752 Nov 22 08:15                      | 0°⊀                               |             |                  | 2757 Aug 22 18:05                      | 0° <b>™</b>                        |            |
|---------------------|--|-----------------------------------|-------------|------------------|--|------------------------------------|------------|
|                     | 2752 Dec 22 00:51                      | 0°ಕ                               |             |                  | 2757 Sep 22 20:04                      | 0∘ <b>ত</b>                        |            |
| min. Earth dist.    | 2753 Jan 15 09:04                      | 24° <b>る</b> 46'07                | 0.98359 AU  |                  | 2757 Oct 23 10:48                      | 0° <b>™</b>                        |            |
|                     | 2753 Jan 20 12:20                      | 0° <b>≈</b>                       |             |                  | 2757 Nov 22 13:22                      | 0° <b>∡</b>                        |            |
|                     | 2753 Feb 19 00:41                      | 0° <b>∀</b>                       |             |                  | 2757 Dec 22 06:02                      | 0° <b>ろ</b>                        |            |
|                     | 2753 Mar 20 19:39                      | 0° <b>Υ</b>                       |             | min. Earth dist. | 2758 Jan 16 18:17                      | 25° <b>る</b> 57'30                 | 0.98359 AU |
|                     | 2753 Apr 20 01:26                      | 0° <b>8</b>                       |             |                  | 2758 Jan 20 17:33                      | 0° <b>≈</b>                        |            |
|                     | 2753 May 20 19:28                      | 0°II                              |             |                  | 2758 Feb 19 05:53                      | 0° <b>)</b> €                      |            |
| F 4 F 4             | 2753 Jun 20 23:53                      | 0.ee                              | 1.01/42.41  |                  | 2758 Mar 21 00:49                      | 0° <b>Υ</b>                        |            |
| max. Earth dist.    | 2753 Jul 19 02:53                      |                                   | 1.01642 AU  |                  | 2758 Apr 20 06:32                      | 0°Η                                |            |
|                     | 2753 Jul 22 09:52                      | 0° <b>Ω</b>                       |             |                  | 2758 May 21 00:30                      | 0°©<br>∏                           |            |
|                     | 2753 Aug 22 18:57<br>2753 Sep 22 20:53 | 0 <b>் ம</b><br>0 <b>் மி</b>     |             | max. Earth dist. | 2758 Jun 21 04:53<br>2758 Jul 19 20:54 | 0                                  | 1.01639 AU |
|                     | 2753 Sep 22 20.33<br>2753 Oct 23 11:33 | 0°M                               |             | max. Earm dist.  | 2758 Jul 19 20:54<br>2758 Jul 22 14:52 | 27 <b>3</b> 22 40<br>0° <b>Ω</b>   | 1.01039 AU |
|                     | 2753 Oct 23 11.33<br>2753 Nov 22 14:01 | 0° 17⊓<br>0° 7⊓                   |             |                  | 2758 Aug 22 23:57                      | 0°Mp                               |            |
|                     | 2753 Nov 22 14:01<br>2753 Dec 22 06:36 | °ੇਠ<br>ਹ°ਣ                        |             |                  | 2758 Sep 23 01:54                      | 0° <del>ت</del><br>سائ             |            |
| min. Earth dist.    | 2754 Jan 16 21:09                      | 0 0<br>26° <b>る</b> 03'18         | 0.98364 AU  |                  | 2758 Oct 23 16:38                      | 0°M                                |            |
| iiiii. Lartii dist. | 2754 Jan 20 18:04                      | 20 <b>⊙</b> 03 18                 | 0.76304 AU  |                  | 2758 Nov 22 19:11                      | 0° <b>⊼</b>                        |            |
|                     | 2754 Feb 19 06:25                      | 0° <b>∀</b>                       |             |                  | 2758 Dec 22 11:52                      | ⊙ੰਤ                                |            |
|                     | 2754 Mar 21 01:24                      | 0°Υ                               |             | min. Earth dist. | 2759 Jan 15 23:42                      | 0 <b>3</b><br>24° <b>る</b> 55'03   | 0.98366 AU |
|                     | 2754 Apr 20 07:11                      | 0°8                               |             | mm. Bartii dist. | 2759 Jan 20 23:25                      | 0°≈                                | 0.90300710 |
|                     | 2754 May 21 01:12                      | 0°II                              |             |                  | 2759 Feb 19 11:46                      | 0° <b>)</b> €                      |            |
|                     | 2754 Jun 21 05:35                      | 0°9                               |             |                  | 2759 Mar 21 06:41                      | 0°Υ                                |            |
| max. Earth dist.    | 2754 Jul 17 01:39                      | 24°5940'39                        | 1.01639 AU  |                  | 2759 Apr 20 12:21                      | 0°8                                |            |
|                     | 2754 Jul 22 15:33                      | $0^{\circ}\Omega$                 |             |                  | 2759 May 21 06:14                      | $\Pi^{\circ}0$                     |            |
|                     | 2754 Aug 23 00:37                      | 0° <b>m</b>                       |             |                  | 2759 Jun 21 10:32                      | 0∘ <b>©</b>                        |            |
|                     | 2754 Sep 23 02:35                      | 0∘ <b>⊽</b>                       |             | max. Earth dist. | 2759 Jul 18 09:21                      | 25° <b>5</b> 544'28                | 1.01641 AU |
|                     | 2754 Oct 23 17:18                      | 0°M                               |             |                  | 2759 Jul 22 20:28                      | $\mathfrak{O}^{\circ}\mathfrak{O}$ |            |
|                     | 2754 Nov 22 19:49                      | 0°⊀                               |             |                  | 2759 Aug 23 05:35                      | 0° <b>™</b>                        |            |
|                     | 2754 Dec 22 12:27                      | 5°0                               |             |                  | 2759 Sep 23 07:37                      | 0∘ <b>⊽</b>                        |            |
| min. Earth dist.    | 2755 Jan 17 14:40                      | 26° <b>る</b> 33'08                | 0.98359 AU  |                  | 2759 Oct 23 22:26                      | 0°M                                |            |
|                     | 2755 Jan 20 23:56                      | 0° <b>≈</b>                       |             |                  | 2759 Nov 23 01:03                      | 0° <b>∡</b> 7                      |            |
|                     | 2755 Feb 19 12:17                      | 0° <b>∀</b>                       |             |                  | 2759 Dec 22 17:45                      | 0°る                                |            |
|                     | 2755 Mar 21 07:15                      | 0° <b>Υ</b>                       |             | min. Earth dist. | 2760 Jan 18 16:49                      | 27° <b>る</b> 26'06                 | 0.98362 AU |
|                     | 2755 Apr 20 13:02                      | 0° <b>8</b>                       |             |                  | 2760 Jan 21 05:16                      | 0° <b>≈</b>                        |            |
|                     | 2755 May 21 07:02                      | 0° <b>Ⅱ</b>                       |             |                  | 2760 Feb 19 17:37                      | 0° <b>∀</b>                        |            |
| F 4 F               | 2755 Jun 21 11:26                      | 0°95                              | 1.01/25 177 |                  | 2760 Mar 20 12:32                      | 0° <b>Υ</b>                        |            |
| max. Earth dist.    | 2755 Jul 19 15:47                      |                                   | 1.01635 AU  |                  | 2760 Apr 19 18:13                      | 8°0                                |            |
|                     | 2755 Jul 22 21:23                      | 0° <b>N</b>                       |             |                  | 2760 May 20 12:08                      | 0° <b>∏</b>                        |            |
|                     | 2755 Aug 23 06:27                      | 0 <b>் ம</b><br>0° <b>மி</b>      |             | may Earth dist   | 2760 Jun 20 16:27                      | 0°99                               | 1.01635 AU |
|                     | 2755 Sep 23 08:25<br>2755 Oct 23 23:10 | 0°M                               |             | max. Earth dist. | 2760 Jul 17 08:58<br>2760 Jul 22 02:25 | 23 <b>3</b> 29 32                  | 1.01033 AU |
|                     | 2755 Nov 23 01:44                      | 0° 17⊓<br>0° 27⊓                  |             |                  | 2760 Aug 22 11:32                      | 0° <b>m</b> y                      |            |
|                     | 2755 Dec 22 18:21                      | %<br>ਨ<br>ਨ                       |             |                  | 2760 Sep 22 13:34                      | 0° <del>ت</del><br>سائ             |            |
| min. Earth dist.    | 2756 Jan 16 00:44                      | 24° <b>පි</b> 41'25               | 0.98358 AU  |                  | 2760 Oct 23 04:22                      | 0° <b>m</b>                        |            |
| mm. Dartii dist.    | 2756 Jan 21 05:48                      | 0°≈                               | 0.90330710  |                  | 2760 Nov 22 06:57                      | 0° <b>∡</b> 7                      |            |
|                     | 2756 Feb 19 18:05                      | 0° <b>)</b> €                     |             |                  | 2760 Dec 21 23:37                      | 0°ප                                |            |
|                     | 2756 Mar 20 12:58                      | $_{0}$ ° $\gamma$                 |             | min. Earth dist. | 2761 Jan 15 19:14                      | 25° <b>る</b> 15'08                 | 0.98358 AU |
|                     | 2756 Apr 19 18:41                      | 0°8                               |             |                  | 2761 Jan 20 11:07                      | 0° <b>≈</b>                        |            |
|                     | 2756 May 20 12:40                      | $\Pi^{\circ}0$                    |             |                  | 2761 Feb 18 23:25                      | 0° <b>∀</b>                        |            |
|                     | 2756 Jun 20 17:05                      | 0°50                              |             |                  | 2761 Mar 20 18:21                      | $0^{\circ}$ Y                      |            |
| max. Earth dist.    | 2756 Jul 18 04:59                      | 26° <b>©</b> 15'29                | 1.01645 AU  |                  | 2761 Apr 20 00:04                      | 0°8                                |            |
|                     | 2756 Jul 22 03:05                      | $0^{\circ}\Omega$                 |             |                  | 2761 May 20 18:02                      | $\Pi$ $^{\circ}0$                  |            |
|                     | 2756 Aug 22 12:11                      | 0° <b>m</b>                       |             |                  | 2761 Jun 20 22:24                      | $0$ $\circ$ $\odot$                |            |
|                     | 2756 Sep 22 14:11                      | 0。 <b>ত</b>                       |             | max. Earth dist. | 2761 Jul 19 10:54                      | 27° <b>5</b> 014'18                | 1.01639 AU |
|                     | 2756 Oct 23 04:58                      | 0°M                               |             |                  | 2761 Jul 22 08:21                      | $0 {\circ} \Omega$                 |            |
|                     | 2756 Nov 22 07:33                      | 0° <b>∡</b>                       |             |                  | 2761 Aug 22 17:24                      | 0° <b>m</b> ⁄                      |            |
|                     | 2756 Dec 22 00:12                      | 0°ಕ                               |             |                  | 2761 Sep 22 19:23                      | 0∘ <b>ত</b>                        |            |
| min. Earth dist.    | 2757 Jan 17 21:06                      | 27° <b>る</b> 20'40                | 0.98360 AU  |                  | 2761 Oct 23 10:08                      | 0°M                                |            |
|                     | 2757 Jan 20 11:40                      | 0° <b>≈</b>                       |             |                  | 2761 Nov 22 12:44                      | 0° <b>∡</b> 7                      |            |
|                     | 2757 Feb 18 23:56                      | 0° <b>)</b> €                     |             |                  | 2761 Dec 22 05:25                      | 0°る                                | 0.00000    |
|                     | 2757 Mar 20 18:49                      | $^{\circ \gamma}$                 |             | min. Earth dist. | 2762 Jan 16 16:04                      | 25°₹53'15                          | 0.98365 AU |
|                     | 2757 Apr 20 00:31                      | 0° <b>Β</b>                       |             |                  | 2762 Jan 20 16:56                      | 0° <b>≈</b>                        |            |
|                     | 2757 May 20 18:30                      | 0° <b>∏</b>                       |             |                  | 2762 Feb 19 05:16                      | 0° <b>Υ</b><br>0° <b>Υ</b>         |            |
| max. Earth dist.    | 2757 Jul 16 16:20                      | 0°©                               | 1 01641 ATT |                  | 2762 Mar 21 00:12                      | 0°8                                |            |
| max. Eatui üist.    | 2757 Jul 16 16:20<br>2757 Jul 22 08:58 | 24° <b>©</b> 34'13<br>0° <b>Ω</b> | 1.01641 AU  |                  | 2762 Apr 20 05:55                      | 0°U                                |            |
|                     | 2131 Jul 22 00.30                      | · 06                              |             |                  | 2762 May 20 23:51                      | v <b>ц</b>                         |            |

|                     |                   |                              |            |                  |  | 2200                               |             |
|---------------------|-------------------|------------------------------|------------|------------------|--|------------------------------------|-------------|
|                     | 2762 Jun 21 04:10 | 0ა <b>ௐ</b>                  |            |                  | 2767 Mar 21 05:13                      | 0° <b>Υ</b>                        |             |
| max. Earth dist.    | 2762 Jul 17 07:19 | 24° <b>©</b> 57'35           | 1.01636 AU |                  | 2767 Apr 20 10:52                      | 0°8                                |             |
|                     | 2762 Jul 22 14:05 | $0^{\circ}\Omega$            |            |                  | 2767 May 21 04:45                      | $\Pi$ $^{\circ}0$                  |             |
|                     | 2762 Aug 22 23:08 | 0° <b>m</b> )                |            |                  | 2767 Jun 21 09:03                      | $0$ $\circ$ $\infty$               |             |
|                     | 2762 Sep 23 01:05 | 0∘ <b>ত</b>                  |            | max. Earth dist. | 2767 Jul 18 17:24                      | 26° <b>©</b> 07'14                 | 1.01641 AU  |
|                     | 2762 Oct 23 15:51 | $0^{\circ}$ M                |            |                  | 2767 Jul 22 18:58                      | $\mathfrak{O}^{\circ}\mathfrak{O}$ |             |
|                     | 2762 Nov 22 18:29 | 0° <b>∡</b> ¹                |            |                  | 2767 Aug 23 04:04                      | 0° <b>m</b> y                      |             |
|                     | 2762 Dec 22 11:13 | 0°ප                          |            |                  | 2767 Sep 23 06:08                      | 0∘ <b>⊽</b>                        |             |
| min. Earth dist.    | 2763 Jan 18 01:59 | 27° <b>る</b> 04'52           | 0.98363 AU |                  | 2767 Oct 23 21:00                      | 0°M                                |             |
|                     | 2763 Jan 20 22:47 | 0° <b>≈</b>                  |            |                  | 2767 Nov 22 23:40                      | 0° <b>∡</b> ¹                      |             |
|                     | 2763 Feb 19 11:09 | 0° <b>∀</b>                  |            |                  | 2767 Dec 22 16:23                      | 8°0                                |             |
|                     | 2763 Mar 21 06:05 | $0^{\circ}\Upsilon$          |            | min. Earth dist. | 2768 Jan 18 20:45                      | 27° <b>る</b> 39'37                 | 0.98360 AU  |
|                     | 2763 Apr 20 11:47 | 0°8                          |            |                  | 2768 Jan 21 03:53                      | 0° <b>≈</b>                        |             |
|                     | 2763 May 21 05:43 | 0°II                         |            |                  | 2768 Feb 19 16:09                      | 0° <b>)</b> €                      |             |
|                     | 2763 Jun 21 10:03 | 0° <b>©</b>                  |            |                  | 2768 Mar 20 10:59                      | 0° <b>Υ</b>                        |             |
| max. Earth dist.    | 2763 Jul 19 03:54 | 26° <b>©</b> 29'58           | 1.01632 AU |                  | 2768 Apr 19 16:36                      | 0°8                                |             |
| max. Earth dist.    | 2763 Jul 22 19:59 | 20 <b>3</b> 29 38            | 1.01032 AU |                  | 2768 May 20 10:29                      | 0°II                               |             |
|                     |                   | 0° mp                        |            |                  | •                                      | 0° <b>©</b>                        |             |
|                     | 2763 Aug 23 05:02 | 0∘ <b>ʊ</b><br>0 ılıı        |            | max. Earth dist. | 2768 Jun 20 14:50                      |                                    | 1 01/20 ATT |
|                     | 2763 Sep 23 07:00 |                              |            | max. Earth dist. | 2768 Jul 16 22:30                      | 25°908'24                          | 1.01638 AU  |
|                     | 2763 Oct 23 21:46 | 0°M.                         |            |                  | 2768 Jul 22 00:48                      | 0° <b>N</b>                        |             |
|                     | 2763 Nov 23 00:22 | 0° <b>∡</b>                  |            |                  | 2768 Aug 22 09:57                      | 0° <b>m</b> y                      |             |
|                     | 2763 Dec 22 17:04 | 0°る                          |            |                  | 2768 Sep 22 12:01                      | 0∘ <b>⊽</b>                        |             |
| min. Earth dist.    | 2764 Jan 16 04:02 | 24°₹52'58                    | 0.98362 AU |                  | 2768 Oct 23 02:51                      | 0° <b>M</b>                        |             |
|                     | 2764 Jan 21 04:36 | 0° <b>≈</b>                  |            |                  | 2768 Nov 22 05:30                      | 0° <b>∡</b>                        |             |
|                     | 2764 Feb 19 16:56 | 0° <b>∀</b>                  |            |                  | 2768 Dec 21 22:13                      | 0°る                                |             |
|                     | 2764 Mar 20 11:50 | $0^{\circ}\Upsilon$          |            | min. Earth dist. | 2769 Jan 16 06:19                      | 25° <b>る</b> 46'58                 | 0.98357 AU  |
|                     | 2764 Apr 19 17:30 | 0°8                          |            |                  | 2769 Jan 20 09:43                      | 0° <b>≈</b>                        |             |
|                     | 2764 May 20 11:25 | $\Pi$ $^{\circ}0$            |            |                  | 2769 Feb 18 21:59                      | 0° <b>ℋ</b>                        |             |
|                     | 2764 Jun 20 15:46 | 0                            |            |                  | 2769 Mar 20 16:50                      | $0$ ° $\Upsilon$                   |             |
| max. Earth dist.    | 2764 Jul 18 14:33 | 26° <b>©</b> 41'32           | 1.01642 AU |                  | 2769 Apr 19 22:27                      | $9^{\circ}$ 8                      |             |
|                     | 2764 Jul 22 01:44 | $0 {\circ} \Omega$           |            |                  | 2769 May 20 16:21                      | $\Pi$ $^{\circ}0$                  |             |
|                     | 2764 Aug 22 10:50 | 0° <b>m</b> )                |            |                  | 2769 Jun 20 20:41                      | $0$ $\circ$                        |             |
|                     | 2764 Sep 22 12:50 | 0。 <b>ত</b>                  |            | max. Earth dist. | 2769 Jul 19 15:44                      | 27° <b>5</b> 29'54                 | 1.01640 AU  |
|                     | 2764 Oct 23 03:36 | $0^{\circ}$ M.               |            |                  | 2769 Jul 22 06:40                      | $0^{\circ}\Omega$                  |             |
|                     | 2764 Nov 22 06:11 | 0° <b>∡</b> ¹                |            |                  | 2769 Aug 22 15:46                      | 0° <b>m</b> ∕                      |             |
|                     | 2764 Dec 21 22:51 | 8°0                          |            |                  | 2769 Sep 22 17:47                      | 0∘ <b>⊽</b>                        |             |
| min. Earth dist.    | 2765 Jan 17 11:54 | 27° <b>る</b> 00'32           | 0.98364 AU |                  | 2769 Oct 23 08:35                      | 0°M                                |             |
|                     | 2765 Jan 20 10:21 | 0° <b>≈</b>                  |            |                  | 2769 Nov 22 11:13                      | 0° <b>∡</b> ¹                      |             |
|                     | 2765 Feb 18 22:41 | 0° <b>∀</b>                  |            |                  | 2769 Dec 22 03:57                      | 0°ප                                |             |
|                     | 2765 Mar 20 17:35 | $0^{\circ}\mathbf{\Upsilon}$ |            | min. Earth dist. | 2770 Jan 16 07:24                      | 25° <b>る</b> 34'49                 | 0.98366 AU  |
|                     | 2765 Apr 19 23:16 | 0°8                          |            |                  | 2770 Jan 20 15:30                      | 0° <b>≈</b>                        |             |
|                     | 2765 May 20 17:12 | 0°Ⅱ                          |            |                  | 2770 Feb 19 03:49                      | 0° <b>)</b> €                      |             |
|                     | 2765 Jun 20 21:35 | 0°©                          |            |                  | 2770 Mar 20 22:41                      | o°Υ                                |             |
| max. Earth dist.    | 2765 Jul 16 19:03 | 24°5643'58                   | 1.01640 AU |                  | 2770 Apr 20 04:17                      | 0°8                                |             |
|                     | 2765 Jul 22 07:34 | $0^{\circ}\Omega$            |            |                  | 2770 May 20 22:07                      | 0°Щ                                |             |
|                     | 2765 Aug 22 16:41 | 0° mp                        |            |                  | 2770 Jun 21 02:22                      | 0°©                                |             |
|                     | 2765 Sep 22 18:41 | 0∘ <b>ರ</b><br>೧.ಗ           |            | max. Earth dist. | 2770 Jul 17 17:51                      | 25° <b>5</b> 27'02                 | 1.01638 AU  |
|                     | 2765 Oct 23 09:27 | 0°M                          |            | max. Earth dist. | 2770 Jul 22 12:17                      | 0°Ω                                | 1.01030710  |
|                     | 2765 Nov 22 12:00 | 0° <b>⊼</b> 7                |            |                  | 2770 Aug 22 21:22                      | 0° m)                              |             |
|                     | 2765 Dec 22 04:39 | 0°ਤ                          |            |                  | 2770 Sep 22 23:24                      | 0° <del>م</del>                    |             |
| min. Earth dist.    | 2766 Jan 16 23:45 | 0 ප<br>26°ප14'57             | 0.98359 AU |                  | 2770 Oct 23 14:14                      | 0° <b>m</b>                        |             |
| IIIII. Eartii tist. | 2766 Jan 20 16:10 | 20 °C1437                    | 0.96339 AU |                  | 2770 Oct 23 14:14<br>2770 Nov 22 16:54 | 0° <b>∕</b> 7⊓                     |             |
|                     |                   | 0 <b>∞</b><br>0° <b>∀</b>    |            |                  |  | 0° <b>ठ</b>                        |             |
|                     | 2766 Feb 19 04:30 |                              |            | . E 4 E 4        | 2770 Dec 22 09:40                      |                                    | 0.00265 ATT |
|                     | 2766 Mar 20 23:27 | $^{\circ \gamma}$            |            | min. Earth dist. | 2771 Jan 18 08:17                      | 27° <b>る</b> 24'48                 | 0.98365 AU  |
|                     | 2766 Apr 20 05:11 | 0° <b>8</b>                  |            |                  | 2771 Jan 20 21:15                      | 0° <b>≈</b>                        |             |
|                     | 2766 May 20 23:08 | 0°II                         |            |                  | 2771 Feb 19 09:37                      | 0° <b>)</b> €                      |             |
|                     | 2766 Jun 21 03:29 | 0°95                         |            |                  | 2771 Mar 21 04:31                      | 0° <b>Υ</b>                        |             |
| max. Earth dist.    | 2766 Jul 19 20:06 | 27°924'10                    | 1.01637 AU |                  | 2771 Apr 20 10:09                      | 0° <b>8</b>                        |             |
|                     | 2766 Jul 22 13:26 | $0^{\circ}\Omega$            |            |                  | 2771 May 21 03:59                      | 0°П                                |             |
|                     | 2766 Aug 22 22:31 | 0° <b>m</b> )                |            |                  | 2771 Jun 21 08:13                      | 0°€                                |             |
|                     | 2766 Sep 23 00:31 | 0∘ <b>⊽</b>                  |            | max. Earth dist. | 2771 Jul 18 20:25                      | 26° <b>©</b> 16'35                 | 1.01632 AU  |
|                     | 2766 Oct 23 15:17 | 0° <b>™</b>                  |            |                  | 2771 Jul 22 18:07                      | $0$ $^{\circ}$ $\Omega$            |             |
|                     | 2766 Nov 22 17:52 | 0° <b>∡</b> ″                |            |                  | 2771 Aug 23 03:13                      | 0° <b>m</b>                        |             |
|                     | 2766 Dec 22 10:32 | 0°ප                          |            |                  | 2771 Sep 23 05:16                      | 0∘ <b>⊽</b>                        |             |
| min. Earth dist.    | 2767 Jan 15 20:15 | 24° <b>る</b> 49'48           | 0.98362 AU |                  | 2771 Oct 23 20:07                      | $0^{\circ}$ M                      |             |
|                     | 2767 Jan 20 22:02 | 0° <b>≈</b>                  |            |                  | 2771 Nov 22 22:48                      | 0°⊀                                |             |
|                     | 2767 Feb 19 10:21 | 0° <b>)</b> €                |            |                  | 2771 Dec 22 15:32                      | 5°0                                |             |
|                     |                   |                              |            |                  |  |                                    |             |

| •                   |                   |                              | . ,,        |                   |                   | 1 0                          |             |
|---------------------|-------------------|------------------------------|-------------|-------------------|-------------------|------------------------------|-------------|
| min. Earth dist.    | 2772 Jan 16 09:09 | 25°₹09'57                    | 0.98361 AU  |                   | 2776 Oct 23 01:13 | 0°M                          |             |
| mm. Earth dist.     | 2772 Jan 21 03:04 | 0°≈                          | 0.90301710  |                   | 2776 Nov 22 03:53 | 0° <b>⊼</b>                  |             |
|                     | 2772 Feb 19 15:22 | 0° <b>∺</b>                  |             |                   | 2776 Dec 21 20:35 | %ਰ                           |             |
|                     |                   | 0 <b>Υ</b><br>0° <b>Υ</b>    |             | i. Darda diat     |                   |                              | 0.00250 ATT |
|                     | 2772 Mar 20 10:14 |                              |             | min. Earth dist.  | 2777 Jan 16 12:37 | 26° <b>る</b> 07'06           | 0.98358 AU  |
|                     | 2772 Apr 19 15:52 | 0°B                          |             |                   | 2777 Jan 20 08:07 | 0° <b>≈</b>                  |             |
|                     | 2772 May 20 09:43 | $\Pi^{\circ}0$               |             |                   | 2777 Feb 18 20:25 | 0° <b>∀</b>                  |             |
|                     | 2772 Jun 20 13:59 | $0_{\circ}$ වෙ               |             |                   | 2777 Mar 20 15:16 | $0$ ° $\mathbf{\Upsilon}$    |             |
| max. Earth dist.    | 2772 Jul 19 01:13 | 27° <b>©</b> 11'22           | 1.01639 AU  |                   | 2777 Apr 19 20:53 | $9^{\circ}$ 8                |             |
|                     | 2772 Jul 21 23:53 | $0^{\circ}\Omega$            |             |                   | 2777 May 20 14:45 | $\Pi$ $^{\circ}0$            |             |
|                     | 2772 Aug 22 08:59 | 0° <b>m</b>                  |             |                   | 2777 Jun 20 19:03 | $0$ $\circ$ $60$             |             |
|                     | 2772 Sep 22 11:02 | 0∘ <b>ত</b>                  |             | max. Earth dist.  | 2777 Jul 19 19:12 | 27°5642'05                   | 1.01639 AU  |
|                     | 2772 Oct 23 01:54 | 0°M                          |             |                   | 2777 Jul 22 05:01 | $0^{\circ}\Omega$            |             |
|                     | 2772 Nov 22 04:35 | 0° <b>∡</b> ¹                |             |                   | 2777 Aug 22 14:09 | 0° <b>m</b>                  |             |
|                     | 2772 Dec 21 21:18 | 0°ರ                          |             |                   | 2777 Sep 22 16:14 | 0∘ <u>⊽</u>                  |             |
| min. Earth dist.    | 2773 Jan 17 04:09 |                              | 0.98364 AU  |                   | 2777 Oct 23 07:05 | 0°M                          |             |
| iiiii. Eartii dist. | 2773 Jan 20 08:49 | 0°≈                          | 0.70304710  |                   | 2777 Nov 22 09:44 | 0° <b>⊼</b>                  |             |
|                     | 2773 Feb 18 21:06 | 0° <b>)</b> €                |             |                   | 2777 Dec 22 02:26 | %<br>%<br>%                  |             |
|                     |                   |                              |             | : E 4 E 4         |                   |                              | 0.00262 ATT |
|                     | 2773 Mar 20 15:58 | 0° <b>Υ</b>                  |             | min. Earth dist.  | 2778 Jan 15 20:13 | 25° <b>ප</b> 10'17           | 0.98363 AU  |
|                     | 2773 Apr 19 21:36 | 0°8                          |             |                   | 2778 Jan 20 13:57 | 0° <b>≈</b>                  |             |
|                     | 2773 May 20 15:29 | $\Pi^{\circ}0$               |             |                   | 2778 Feb 19 02:15 | 0° <b>∀</b>                  |             |
|                     | 2773 Jun 20 19:48 | 0ಂತ                          |             |                   | 2778 Mar 20 21:07 | $0^{\circ}\mathbf{\Upsilon}$ |             |
| max. Earth dist.    | 2773 Jul 16 22:34 | 24° <b>©</b> 56'42           | 1.01638 AU  |                   | 2778 Apr 20 02:43 | $8^{\circ 0}$                |             |
|                     | 2773 Jul 22 05:44 | $0 {\circ} \Omega$           |             |                   | 2778 May 20 20:32 | $\Pi$ $^{\circ}0$            |             |
|                     | 2773 Aug 22 14:49 | 0° <b>m</b>                  |             |                   | 2778 Jun 21 00:46 | $0$ $\circ$ $\odot$          |             |
|                     | 2773 Sep 22 16:50 | 0∘ <b>ত</b>                  |             | max. Earth dist.  | 2778 Jul 18 03:06 | 25° <b>©</b> 52'53           | 1.01639 AU  |
|                     | 2773 Oct 23 07:40 | 0°M                          |             |                   | 2778 Jul 22 10:40 | $0^{\circ}\Omega$            |             |
|                     | 2773 Nov 22 10:20 | 0° <b>∡</b> ¹                |             |                   | 2778 Aug 22 19:47 | 0° <b>m</b>                  |             |
|                     | 2773 Dec 22 03:04 | 0°రె                         |             |                   | 2778 Sep 22 21:52 | 0∘ <b>⊽</b>                  |             |
| min. Earth dist.    | 2774 Jan 17 11:10 | 26° <b>⋜</b> 47'56           | 0.98361 AU  |                   | 2778 Oct 23 12:47 | 0°M                          |             |
|                     | 2774 Jan 20 14:37 | 0° <b>≈</b>                  |             |                   | 2778 Nov 22 15:30 | 0° <b>⊼</b> ¹                |             |
|                     | 2774 Feb 19 02:57 | 0° <b>∀</b>                  |             |                   | 2778 Dec 22 08:16 | 0°ප                          |             |
|                     | 2774 Mar 20 21:50 | 0° <b>Υ</b>                  |             | min. Earth dist.  | 2779 Jan 18 12:58 |                              | 0.98362 AU  |
|                     | 2774 Apr 20 03:30 | 0°8                          |             | mm. Darm dige.    | 2779 Jan 20 19:48 | 0°≈                          | 0.90302110  |
|                     | 2774 May 20 21:25 | 0°II                         |             |                   | 2779 Feb 19 08:07 | 0° <b>)</b> €                |             |
|                     | 2774 Jun 21 01:44 | 0°©                          |             |                   | 2779 Mar 21 02:57 | 0° <b>Υ</b>                  |             |
| max. Earth dist.    |                   | 27°©10'38                    | 1.01624 ATT |                   |                   | 0°8                          |             |
| max. Earm dist.     | 2774 Jul 19 12:39 |                              | 1.01634 AU  |                   | 2779 Apr 20 08:33 | 0°II                         |             |
|                     | 2774 Jul 22 11:40 | 0° <b>Ω</b>                  |             |                   | 2779 May 21 02:23 |                              |             |
|                     | 2774 Aug 22 20:43 | 0° <b>т</b> р                |             |                   | 2779 Jun 21 06:38 | 0.20                         |             |
|                     | 2774 Sep 22 22:43 | 0∘ <b>⊽</b>                  |             | max. Earth dist.  | 2779 Jul 18 07:15 |                              | 1.01633 AU  |
|                     | 2774 Oct 23 13:32 | 0°M₊                         |             |                   | 2779 Jul 22 16:33 | $0 {\circ} \Omega$           |             |
|                     | 2774 Nov 22 16:11 | 0°⊀                          |             |                   | 2779 Aug 23 01:41 | 0° <b>™</b>                  |             |
|                     | 2774 Dec 22 08:57 | o°ප                          |             |                   | 2779 Sep 23 03:47 | 0∘ <b>⊽</b>                  |             |
| min. Earth dist.    | 2775 Jan 15 23:41 | 25° <b>る</b> 02'28           | 0.98364 AU  |                   | 2779 Oct 23 18:44 | $0^{\circ}$ M                |             |
|                     | 2775 Jan 20 20:31 | 0° <b>≈</b>                  |             |                   | 2779 Nov 22 21:29 | 0° <b>∡</b> ¹                |             |
|                     | 2775 Feb 19 08:50 | 0° <b>∀</b>                  |             |                   | 2779 Dec 22 14:15 | 8°0                          |             |
|                     | 2775 Mar 21 03:40 | $0$ ° $\mathbf{\gamma}$      |             | min. Earth dist.  | 2780 Jan 16 18:55 | 25° <b>る</b> 38'07           | 0.98358 AU  |
|                     | 2775 Apr 20 09:15 | $8^{\circ}$                  |             |                   | 2780 Jan 21 01:46 | 0° <b>≈</b>                  |             |
|                     | 2775 May 21 03:04 | $\Pi$ $^{\circ}$ 0           |             |                   | 2780 Feb 19 14:00 | 0° <b>∀</b>                  |             |
|                     | 2775 Jun 21 07:19 | 0°ಅ                          |             |                   | 2780 Mar 20 08:47 | $0^{\circ}\mathbf{\Upsilon}$ |             |
| max. Earth dist.    | 2775 Jul 19 01:30 | 26°530'39                    | 1.01641 AU  |                   | 2780 Apr 19 14:20 | 0°8                          |             |
|                     | 2775 Jul 22 17:14 | $0^{\circ}\Omega$            |             |                   | 2780 May 20 08:09 | 0°Щ                          |             |
|                     | 2775 Aug 23 02:21 | 0° <b>m</b>                  |             |                   | 2780 Jun 20 12:26 | 0.<br>0.                     |             |
|                     | 2775 Sep 23 04:24 | 0∘ <mark>ಹ</mark>            |             | max. Earth dist.  | 2780 Jul 19 08:01 | 27° <b>©</b> 31'13           | 1.01641 AU  |
|                     | •                 | 0° <b>m</b> .                |             | max. Lartii dist. |                   | 0°Ω                          | 1.01041 AC  |
|                     | 2775 Oct 23 19:16 |                              |             |                   | 2780 Jul 21 22:22 |                              |             |
|                     | 2775 Nov 22 21:58 | 0° <b>∡</b>                  |             |                   | 2780 Aug 22 07:31 | 0° <b>т</b> у                |             |
|                     | 2775 Dec 22 14:44 | 0°る                          |             |                   | 2780 Sep 22 09:37 | 0∘ <b>⊽</b>                  |             |
| min. Earth dist.    | 2776 Jan 18 19:26 | 27° <b>る</b> 40'19           | 0.98364 AU  |                   | 2780 Oct 23 00:33 | 0°M                          |             |
|                     | 2776 Jan 21 02:17 | 0° <b>≈</b>                  |             |                   | 2780 Nov 22 03:18 | 0° <b>∡</b>                  |             |
|                     | 2776 Feb 19 14:36 | 0° <b>∀</b>                  |             |                   | 2780 Dec 21 20:05 | 0°₹                          |             |
|                     | 2776 Mar 20 09:26 | $0^{\circ}\mathbf{\Upsilon}$ |             | min. Earth dist.  | 2781 Jan 16 20:59 | 26° <b>る</b> 29'30           | 0.98364 AU  |
|                     | 2776 Apr 19 15:00 | $9^{\circ}$ 8                |             |                   | 2781 Jan 20 07:37 | 0° <b>≈</b>                  |             |
|                     | 2776 May 20 08:49 | $\Pi^{\circ}0$               |             |                   | 2781 Feb 18 19:53 | 0° <b>)</b> €                |             |
|                     | 2776 Jun 20 13:07 | 0ංම                          |             |                   | 2781 Mar 20 14:39 | $0^{\circ}\Upsilon$          |             |
| max. Earth dist.    | 2776 Jul 16 19:34 | 25° <b>©</b> 05'28           | 1.01639 AU  |                   | 2781 Apr 19 20:11 | 0°8                          |             |
|                     | 2776 Jul 21 23:06 | $0^{\circ}\Omega$            |             |                   | 2781 May 20 13:59 | $\Pi^{\circ}0$               |             |
|                     | 2776 Aug 22 08:16 | 0° <b>m</b>                  |             |                   | 2781 Jun 20 18:15 | 0ಂತಾ                         |             |
|                     | 2776 Sep 22 10:22 | 0∘ <del>⊽</del>              |             | max. Earth dist.  | 2781 Jul 17 05:53 | 25° <b>©</b> 17'46           | 1.01641 AU  |
|                     | •                 |                              |             |                   |                   |                              |             |

|                     |  |                           |             |                  |  | _                                 |             |
|---------------------|--|---------------------------|-------------|------------------|--|-----------------------------------|-------------|
|                     | 2781 Jul 22 04:12                      | $0$ $\circ$ $\Omega$      |             |                  | 2786 May 20 19:10                      | 0°Щ                               |             |
|                     | 2781 Aug 22 13:21                      | 0°Щ                       |             |                  | 2786 Jun 20 23:22                      | $0_{\circ}$ වෙ                    |             |
|                     | 2781 Sep 22 15:26                      | 0∘ <b>ত</b>               |             | max. Earth dist. | 2786 Jul 18 10:54                      | 26°514'59                         | 1.01637 AU  |
|                     | 2781 Oct 23 06:20                      | 0°M₊                      |             |                  | 2786 Jul 22 09:13                      | $0 ^{\circ} \Omega$               |             |
|                     | 2781 Nov 22 09:03                      | 0° <b>⊼</b>               |             |                  | 2786 Aug 22 18:16                      | O° My                             |             |
|                     | 2781 Dec 22 01:51                      | 0°ප                       |             |                  | 2786 Sep 22 20:20                      | 0∘ <b>ত</b>                       |             |
| min. Earth dist.    | 2782 Jan 17 20:56                      | 27° <b>る</b> 15'48        | 0.98363 AU  |                  | 2786 Oct 23 11:15                      | 0°M₊                              |             |
|                     | 2782 Jan 20 13:27                      | 0° <b>≈</b>               |             |                  | 2786 Nov 22 14:01                      | 0° <b>√</b>                       |             |
|                     | 2782 Feb 19 01:46                      | 0° <b>∀</b>               |             |                  | 2786 Dec 22 06:51                      | 0°ಕ                               |             |
|                     | 2782 Mar 20 20:36                      | $0$ ° $\mathbf{\gamma}$   |             | min. Earth dist. | 2787 Jan 18 16:50                      | 27° <b>る</b> 53'39                | 0.98367 AU  |
|                     | 2782 Apr 20 02:10                      | 0°8                       |             |                  | 2787 Jan 20 18:28                      | 0° <b>≈</b>                       |             |
|                     | 2782 May 20 19:58                      | $\Pi$ $\circ 0$           |             |                  | 2787 Feb 19 06:48                      | 0° <b>∀</b>                       |             |
|                     | 2782 Jun 21 00:13                      | 0                         |             |                  | 2787 Mar 21 01:36                      | $0$ ° $\mathbf{\gamma}$           |             |
| max. Earth dist.    | 2782 Jul 19 07:40                      | 27° <b>©</b> 02'26        | 1.01634 AU  |                  | 2787 Apr 20 07:08                      | 0°8                               |             |
|                     | 2782 Jul 22 10:08                      | $0^{\circ}\Omega$         |             |                  | 2787 May 21 00:54                      | $\Pi^{\circ}0$                    |             |
|                     | 2782 Aug 22 19:15                      | O° My                     |             |                  | 2787 Jun 21 05:07                      | $0$ $\circ$ $\odot$               |             |
|                     | 2782 Sep 22 21:20                      | 0∘ <b>ত</b>               |             | max. Earth dist. | 2787 Jul 17 20:53                      | 25° <b>©</b> 27'52                | 1.01633 AU  |
|                     | 2782 Oct 23 12:14                      | 0°M₊                      |             |                  | 2787 Jul 22 15:00                      | $0^{\circ}\Omega$                 |             |
|                     | 2782 Nov 22 14:57                      | 0° <b>⊼</b>               |             |                  | 2787 Aug 23 00:07                      | O° My                             |             |
|                     | 2782 Dec 22 07:45                      | 0°ಕ                       |             |                  | 2787 Sep 23 02:13                      | 0∘ <b>ত</b>                       |             |
| min. Earth dist.    | 2783 Jan 16 03:00                      | 25° <b>る</b> 13'55        | 0.98365 AU  |                  | 2787 Oct 23 17:09                      | 0°M₊                              |             |
|                     | 2783 Jan 20 19:21                      | 0° <b>≈</b>               |             |                  | 2787 Nov 22 19:54                      | 0° <b>∡</b> ″                     |             |
|                     | 2783 Feb 19 07:41                      | 0° <b>∀</b>               |             |                  | 2787 Dec 22 12:42                      | 0°₹                               |             |
|                     | 2783 Mar 21 02:30                      | 0° <b>Υ</b>               |             | min. Earth dist. | 2788 Jan 17 01:34                      | 25°₹58'56                         | 0.98361 AU  |
|                     | 2783 Apr 20 08:01                      | 0°8                       |             |                  | 2788 Jan 21 00:16                      | 0° <b>≈</b>                       |             |
|                     | 2783 May 21 01:44                      | 0° <b>Ⅱ</b>               |             |                  | 2788 Feb 19 12:33                      | 0° <b>)</b> €                     |             |
| and the             | 2783 Jun 21 05:54                      | 0°95                      | 1.01/20 177 |                  | 2788 Mar 20 07:20                      | 0° <b>Υ</b>                       |             |
| max. Earth dist.    | 2783 Jul 19 14:08                      | 27° <b>©</b> 04'20        | 1.01639 AU  |                  | 2788 Apr 19 12:51                      | 0° <b>8</b>                       |             |
|                     | 2783 Jul 22 15:46                      | $\Omega^{\circ}$          |             |                  | 2788 May 20 06:36                      | 0° <b>I</b> I                     |             |
|                     | 2783 Aug 23 00:52                      | 0 <b>் ⊽</b><br>0° M      |             | E d Ed           | 2788 Jun 20 10:51                      | 0°95                              | 1.01640.411 |
|                     | 2783 Sep 23 03:00                      | 0° <b>M</b>               |             | max. Earth dist. | 2788 Jul 19 13:05<br>2788 Jul 21 20:47 | 27° <b>©</b> 47'08<br>0° <b>Ω</b> | 1.01640 AU  |
|                     | 2783 Oct 23 17:58<br>2783 Nov 22 20:44 | 0°11℃                     |             |                  | 2788 Aug 22 05:56                      | 0°mp                              |             |
|                     | 2783 Dec 22 13:33                      | 0°중                       |             |                  | 2788 Sep 22 08:03                      | 0∘ <del>ত</del><br>بالا           |             |
| min. Earth dist.    | 2784 Jan 18 15:24                      | 0 3<br>27° <b>る</b> 33'01 | 0.98366 AU  |                  | 2788 Oct 22 22:58                      | 0°M                               |             |
| iiiii. Eartii dist. | 2784 Jan 21 01:07                      | 0°≈                       | 0.76300 AC  |                  | 2788 Nov 22 01:42                      | 0° <b>⊼</b> 7                     |             |
|                     | 2784 Feb 19 13:25                      | 0° <b>∀</b>               |             |                  | 2788 Dec 21 18:28                      | ∘ੰਤ                               |             |
|                     | 2784 Mar 20 08:14                      | 0° <b>Υ</b>               |             | min. Earth dist. | 2789 Jan 16 03:59                      |                                   | 0.98365 AU  |
|                     | 2784 Apr 19 13:46                      | 0°8                       |             | mm. Earth dist.  | 2789 Jan 20 06:00                      | 0°≈                               | 0.90303710  |
|                     | 2784 May 20 07:31                      | 0°Щ                       |             |                  | 2789 Feb 18 18:16                      | 0° <b>)</b> €                     |             |
|                     | 2784 Jun 20 11:43                      | 0°9                       |             |                  | 2789 Mar 20 13:04                      | 0°Υ                               |             |
| max. Earth dist.    | 2784 Jul 16 22:20                      | 25°515'32                 | 1.01636 AU  |                  | 2789 Apr 19 18:35                      | 0°8                               |             |
|                     | 2784 Jul 21 21:37                      | $0^{\circ}\Omega$         |             |                  | 2789 May 20 12:21                      | 0° <b>I</b> I                     |             |
|                     | 2784 Aug 22 06:45                      | 0° <b>m</b> )             |             |                  | 2789 Jun 20 16:35                      | 0ಂತಾ                              |             |
|                     | 2784 Sep 22 08:54                      | 0° <del>ٽ</del>           |             | max. Earth dist. | 2789 Jul 17 13:22                      | 25°539'38                         | 1.01641 AU  |
|                     | 2784 Oct 22 23:51                      | 0°M,                      |             |                  | 2789 Jul 22 02:31                      | $0^{\circ}\Omega$                 |             |
|                     | 2784 Nov 22 02:36                      | 0° <b>∡</b> ¹             |             |                  | 2789 Aug 22 11:40                      | 0° <b>m</b>                       |             |
|                     | 2784 Dec 21 19:23                      | ರ∘ರ                       |             |                  | 2789 Sep 22 13:47                      | 0∘ <b>⊽</b>                       |             |
| min. Earth dist.    | 2785 Jan 16 23:05                      | 26° <b>පි</b> 36'46       | 0.98359 AU  |                  | 2789 Oct 23 04:43                      | $0^{\circ}$ M.                    |             |
|                     | 2785 Jan 20 06:55                      | 0° <b>≈</b>               |             |                  | 2789 Nov 22 07:26                      | 0° <b>⊼</b>                       |             |
|                     | 2785 Feb 18 19:12                      | 0° <b>ℋ</b>               |             |                  | 2789 Dec 22 00:12                      | 0°ප                               |             |
|                     | 2785 Mar 20 14:01                      | $0$ ° $\mathbf{\Upsilon}$ |             | min. Earth dist. | 2790 Jan 18 00:51                      | 27° <b>る</b> 30'07                | 0.98361 AU  |
|                     | 2785 Apr 19 19:36                      | $9^{\circ}$ 8             |             |                  | 2790 Jan 20 11:44                      | 0° <b>≈</b>                       |             |
|                     | 2785 May 20 13:25                      | $\Pi$ $^{\circ}0$         |             |                  | 2790 Feb 19 00:01                      | 0° <b>ℋ</b>                       |             |
|                     | 2785 Jun 20 17:40                      | 0                         |             |                  | 2790 Mar 20 18:50                      | $0^{\circ}\mathbf{\Upsilon}$      |             |
| max. Earth dist.    | 2785 Jul 19 17:57                      | 27°5642'34                | 1.01635 AU  |                  | 2790 Apr 20 00:23                      | 0°8                               |             |
|                     | 2785 Jul 22 03:35                      | $0$ $\circ$ $\Omega$      |             |                  | 2790 May 20 18:11                      | $\Pi^{\circ}0$                    |             |
|                     | 2785 Aug 22 12:40                      | o∘ <b>m</b> y             |             |                  | 2790 Jun 20 22:25                      | 0∘ <b>©</b>                       |             |
|                     | 2785 Sep 22 14:44                      | 0∘ <b>亚</b>               |             | max. Earth dist. | 2790 Jul 18 16:10                      | 26° <b>©</b> 29'46                | 1.01634 AU  |
|                     | 2785 Oct 23 05:39                      | 0°M                       |             |                  | 2790 Jul 22 08:21                      | $\Omega^{\circ}\Omega$            |             |
|                     | 2785 Nov 22 08:23                      | 0°⊀<br>0° <b>=</b>        |             |                  | 2790 Aug 22 17:30                      | 0° <b>m</b>                       |             |
| min Partle U.       | 2785 Dec 22 01:11                      | 0°る<br>25° <b>そ</b> 12'05 | 0.00265 411 |                  | 2790 Sep 22 19:38                      | 0∘ <b>m</b>                       |             |
| min. Earth dist.    | 2786 Jan 15 20:06                      | 25°る13'05<br>0°≈          | 0.98365 AU  |                  | 2790 Oct 23 10:35                      | 0° <b>M</b><br>0° <i>₹</i>        |             |
|                     | 2786 Jan 20 12:44<br>2786 Feb 19 01:02 | 0° <b>∺</b>               |             |                  | 2790 Nov 22 13:21<br>2790 Dec 22 06:08 | 0° <b>×</b> '                     |             |
|                     | 2786 Mar 20 19:51                      | 0 <b>Υ</b><br>0° <b>Υ</b> |             | min. Earth dist. | 2790 Dec 22 06:08<br>2791 Jan 16 08:37 | 0 3<br>25° <b>る</b> 32'30         | 0.98359 AU  |
|                     | 2786 Apr 20 01:24                      | 0°8                       |             | mm. Latui uist.  | 2791 Jan 20 17:40                      | 23 <b>C</b> 32 30 0° <b>≈</b>     | 0.70333 AU  |
|                     | 2700 Apr 20 01.24                      | υ <b>Ο</b>                |             |                  | 2//1 Jan 20 1/.40                      | · ~                               |             |

|                   | 2791 Feb 19 05:55                      | 0° <b>∀</b>                |             |                  | 2795 Dec 22 11:15                      | 0°ಕ                           |            |
|-------------------|--|----------------------------|-------------|------------------|--|-------------------------------|------------|
|                   | 2791 Net 19 03:33<br>2791 Mar 21 00:39 | 0° <b>Υ</b>                |             | min. Earth dist. | 2796 Jan 17 11:33                      | 0 3<br>26° <b>る</b> 28'01     | 0.98361 AU |
|                   | 2791 Mai 21 00:39<br>2791 Apr 20 06:08 | 0° <b>8</b>                |             | min. Earm dist.  | 2796 Jan 20 22:50                      | 20 <b>3</b> 2801 0° <b>≈</b>  | 0.98301 AU |
|                   | 2791 May 20 23:51                      | $0^{\circ}\Pi$             |             |                  | 2796 Feb 19 11:06                      | 0° <b>∺</b>                   |            |
|                   | 2791 Jun 21 04:02                      | 0°©                        |             |                  | 2796 Mar 20 05:52                      | 0° <b>Υ</b>                   |            |
| max. Earth dist.  | 2791 Jul 19 21:22                      | 27°925'57                  | 1.01641 AU  |                  | 2796 Apr 19 11:20                      | 0°8                           |            |
| max. Lattii dist. | 2791 Jul 22 13:56                      | 0°Ω                        | 1.01041710  |                  | 2796 May 20 05:02                      | 0°II                          |            |
|                   | 2791 Aug 22 23:05                      | 0° <b>m</b> )              |             |                  | 2796 Jun 20 09:11                      | 0°©                           |            |
|                   | 2791 Sep 23 01:16                      | 0∘ <del>ಹ</del><br>∘ .**   |             | max. Earth dist. | 2796 Jul 19 18:39                      | 28° <b>©</b> 04'33            | 1.01635 AU |
|                   | 2791 Oct 23 16:18                      | 0° <b>M</b>                |             |                  | 2796 Jul 21 19:03                      | 0°N                           |            |
|                   | 2791 Nov 22 19:08                      | 0° <b>∡</b> 7              |             |                  | 2796 Aug 22 04:11                      | 0° <b>m</b> )                 |            |
|                   | 2791 Dec 22 11:58                      | 0° <b>ප</b>                |             |                  | 2796 Sep 22 06:22                      | 0∘ <u>⊽</u>                   |            |
| min. Earth dist.  | 2792 Jan 18 11:12                      | 27° <b>පි</b> 26'21        | 0.98363 AU  |                  | 2796 Oct 22 21:24                      | 0°M                           |            |
|                   | 2792 Jan 20 23:31                      | 0° <b>≈</b>                |             |                  | 2796 Nov 22 00:15                      | 0° <b>∡</b> ¹                 |            |
|                   | 2792 Feb 19 11:44                      | 0° <b>∀</b>                |             |                  | 2796 Dec 21 17:07                      | ರ°೦                           |            |
|                   | 2792 Mar 20 06:25                      | 0° <b>Ƴ</b>                |             | min. Earth dist. | 2797 Jan 16 00:21                      | 25° <b>る</b> 44'23            | 0.98366 AU |
|                   | 2792 Apr 19 11:51                      | 0°8                        |             |                  | 2797 Jan 20 04:41                      | 0° <b>≈</b>                   |            |
|                   | 2792 May 20 05:33                      | $\Pi$ $^{\circ}0$          |             |                  | 2797 Feb 18 16:57                      | 0° <b>∀</b>                   |            |
|                   | 2792 Jun 20 09:45                      | 0°ಅ                        |             |                  | 2797 Mar 20 11:43                      | $0^{\circ}\mathbf{\Upsilon}$  |            |
| max. Earth dist.  | 2792 Jul 17 01:27                      | 25° <b>5</b> 27'34         | 1.01641 AU  |                  | 2797 Apr 19 17:11                      | $8^{\circ}$                   |            |
|                   | 2792 Jul 21 19:41                      | $0^{\circ}\Omega$          |             |                  | 2797 May 20 10:54                      | $\mathfrak{I}$ 0°             |            |
|                   | 2792 Aug 22 04:53                      | o° <b>m</b> p              |             |                  | 2797 Jun 20 15:03                      | $0$ $\circ$ $\odot$           |            |
|                   | 2792 Sep 22 07:05                      | 0∘ <b>亚</b>                |             | max. Earth dist. | 2797 Jul 17 21:47                      | 26° <b>©</b> 03'29            | 1.01637 AU |
|                   | 2792 Oct 22 22:07                      | 0°M                        |             |                  | 2797 Jul 22 00:54                      | $0^{\circ}\Omega$             |            |
|                   | 2792 Nov 22 00:56                      | 0° <b>∡</b> ¹              |             |                  | 2797 Aug 22 10:00                      | O° <b>m</b> y                 |            |
|                   | 2792 Dec 21 17:46                      | 0°ಕ                        |             |                  | 2797 Sep 22 12:08                      | 0∘ <b>ত</b>                   |            |
| min. Earth dist.  | 2793 Jan 17 10:42                      | 27° <b>る</b> 10'24         | 0.98358 AU  |                  | 2797 Oct 23 03:07                      | 0° <b>M</b>                   |            |
|                   | 2793 Jan 20 05:19                      | 0° <b>≈</b>                |             |                  | 2797 Nov 22 05:58                      | 0° <b>∡</b> ¹                 |            |
|                   | 2793 Feb 18 17:33                      | 0° <b>∀</b>                |             |                  | 2797 Dec 21 22:51                      | 0°ප                           |            |
|                   | 2793 Mar 20 12:16                      | $0$ ° $\mathbf{\gamma}$    |             | min. Earth dist. | 2798 Jan 18 09:19                      | 27° <b>る</b> 54'53            | 0.98366 AU |
|                   | 2793 Apr 19 17:43                      | 0°8                        |             |                  | 2798 Jan 20 10:28                      | 0° <b>≈</b>                   |            |
|                   | 2793 May 20 11:26                      | $\Pi^{\circ}0$             |             |                  | 2798 Feb 18 22:46                      | 0° <b>∀</b>                   |            |
|                   | 2793 Jun 20 15:39                      | 0ංම                        |             |                  | 2798 Mar 20 17:33                      | 0° <b>Υ</b>                   |            |
| max. Earth dist.  | 2793 Jul 19 16:36                      | 27°544'03                  | 1.01637 AU  |                  | 2798 Apr 19 23:03                      | 0°8                           |            |
|                   | 2793 Jul 22 01:36                      | $0^{\circ}\Omega$          |             |                  | 2798 May 20 16:48                      | 0°П                           |            |
|                   | 2793 Aug 22 10:47                      | 0° <b>m</b> )              |             |                  | 2798 Jun 20 20:59                      | 0°©                           |            |
|                   | 2793 Sep 22 12:57                      | 0∘ <b>⊽</b>                |             | max. Earth dist. | 2798 Jul 18 00:57                      | 25°957'00                     | 1.01631 AU |
|                   | 2793 Oct 23 03:57                      | 0° <b>M</b> ₊              |             |                  | 2798 Jul 22 06:52                      | $\Omega^{\circ}\Omega$        |            |
|                   | 2793 Nov 22 06:45                      | 0° <b>∡</b>                |             |                  | 2798 Aug 22 15:58                      | 0° Mp                         |            |
| i. Dardh diad     | 2793 Dec 21 23:37                      | 0°る                        | 0.00265 ATT |                  | 2798 Sep 22 18:06                      | 0∘ <b>™</b>                   |            |
| min. Earth dist.  | 2794 Jan 15 22:22                      | 25°₹22'48                  | 0.98365 AU  |                  | 2798 Oct 23 09:04                      | 0° <b>M</b><br>0° <b>⊀</b>    |            |
|                   | 2794 Jan 20 11:13<br>2794 Feb 18 23:30 | 0° <b>≈</b><br>0° <b>∀</b> |             |                  | 2798 Nov 22 11:54<br>2798 Dec 22 04:48 | 0° <b>ਠ</b>                   |            |
|                   | 2794 Feb 18 23.30<br>2794 Mar 20 18:15 | 0° <b>Υ</b>                |             | min. Earth dist. | 2799 Jan 16 16:17                      | 0 ප<br>25° <b>ප්</b> 555'14   | 0.98364 AU |
|                   | 2794 Mai 20 18:13<br>2794 Apr 19 23:42 | 0°8                        |             | min. Earm dist.  | 2799 Jan 20 16:26                      | 23 <b>3</b> 33 14 0° <b>≈</b> | 0.98304 AU |
|                   | 2794 May 20 17:20                      | $0^{\circ}\Pi$             |             |                  | 2799 Feb 19 04:43                      | 0° <b>∺</b>                   |            |
|                   | 2794 Jun 20 21:26                      | 0°©                        |             |                  | 2799 Mar 20 23:28                      | 0° <b>Υ</b>                   |            |
| max. Earth dist.  | 2794 Jul 19 00:34                      | 26°952'11                  | 1.01638 AU  |                  | 2799 Apr 20 04:54                      | 0°8                           |            |
| Law and and       | 2794 Jul 22 07:16                      | 0°Ω                        |             |                  | 2799 May 20 22:33                      | 0°II                          |            |
|                   | 2794 Aug 22 16:24                      | 0° m/y                     |             |                  | 2799 Jun 21 02:42                      | 0°ಅ                           |            |
|                   | 2794 Sep 22 18:34                      | 0∘ <mark>ಹ</mark>          |             | max. Earth dist. | 2799 Jul 20 03:54                      | 27°5944'49                    | 1.01638 AU |
|                   | 2794 Oct 23 09:35                      | 0° <b>M</b> ,              |             |                  | 2799 Jul 22 12:34                      | $0^{\circ}\Omega$             |            |
|                   | 2794 Nov 22 12:26                      | 0° <b>∡</b> ¹              |             |                  | 2799 Aug 22 21:42                      | 0° <b>m</b> )                 |            |
|                   | 2794 Dec 22 05:19                      | 0°రె                       |             |                  | 2799 Sep 22 23:52                      | 0∘ <b>ত</b>                   |            |
| min. Earth dist.  | 2795 Jan 18 17:12                      | 27° <b>る</b> 58'22         | 0.98369 AU  |                  | 2799 Oct 23 14:53                      | 0° <b>M</b> .                 |            |
|                   | 2795 Jan 20 16:58                      | 0° <b>≈</b>                |             |                  | 2799 Nov 22 17:43                      | 0° <b>∡</b> ¹                 |            |
|                   | 2795 Feb 19 05:18                      | 0° <b>)</b> €              |             |                  | 2799 Dec 22 10:36                      | 0°ರ                           |            |
|                   | 2795 Mar 21 00:04                      | $0$ ° $\Upsilon$           |             | min. Earth dist. | 2800 Jan 17 18:16                      | 26° <b>ප්</b> 46'33           | 0.98368 AU |
|                   | 2795 Apr 20 05:31                      | $0^{\circ}$ 8              |             |                  | 2800 Jan 20 22:13                      | 0° <b>≈</b>                   |            |
|                   | 2795 May 20 23:10                      | $\Pi^{\circ}0$             |             |                  | 2800 Feb 19 10:30                      | 0° <b>∀</b>                   |            |
|                   | 2795 Jun 21 03:16                      | 0ංම                        |             |                  | 2800 Mar 20 05:14                      | $0^{\circ}$ Y                 |            |
| max. Earth dist.  | 2795 Jul 17 22:38                      | 25° <b>5</b> 36'33         | 1.01632 AU  |                  | 2800 Apr 19 10:39                      | $9^{\circ}$ 8                 |            |
|                   | 2795 Jul 22 13:07                      | $0$ $^{\circ}$ $\Omega$    |             |                  | 2800 May 20 04:19                      | $\Pi^{\circ}0$                |            |
|                   | 2795 Aug 22 22:15                      | 0° <b>m</b>                |             |                  | 2800 Jun 20 08:28                      | $0$ $\circ$                   |            |
|                   | 2795 Sep 23 00:27                      | 0∘ <b>⊽</b>                |             | max. Earth dist. | 2800 Jul 17 06:44                      | 25° <b>©</b> 43'16            | 1.01640 AU |
|                   | 2795 Oct 23 15:31                      | 0° <b>M</b>                |             |                  | 2800 Jul 21 18:22                      | $0^{\circ}\Omega$             |            |
|                   | 2795 Nov 22 18:23                      | 0° <b>∡</b> 7              |             |                  | 2800 Aug 22 03:34                      | 0° <b>™</b>                   |            |
|                   |  |                            |             |                  |  |                               |            |

|                     | 2900 San 22 05:46                      | 0∘ <b>ত</b>                       |             | may Earth dist   | 2005 Iul 10 00:26                      | 26° <b>©</b> 33'11         | 1 01641 ATT |
|---------------------|--|-----------------------------------|-------------|------------------|--|----------------------------|-------------|
|                     | 2800 Sep 22 05:46<br>2800 Oct 22 20:47 | 0°M                               |             | max. Earth dist. | 2805 Jul 18 08:36<br>2805 Jul 21 23:17 | 20 333 11<br>0°Ω           | 1.01641 AU  |
|                     | 2800 Oct 22 20.47<br>2800 Nov 21 23:35 | 0°11℃                             |             |                  | 2805 Aug 22 08:27                      | 0°Mp                       |             |
|                     | 2800 Nov 21 23:33<br>2800 Dec 21 16:24 | 0°중                               |             |                  | 2805 Sep 22 10:39                      | 0∘ <b>⊽</b>                |             |
| min. Earth dist.    | 2801 Jan 17 14:19                      | 0 3<br>27° <b>る</b> 23'04         | 0.98360 AU  |                  | 2805 Oct 23 01:41                      | 0°M.                       |             |
| iiiii. Eartii dist. | 2801 Jan 20 03:58                      | 27 <b>O</b> 23 04<br>0°≈          | 0.98300 AU  |                  | 2805 Nov 22 04:33                      | 0° <b>₹</b>                |             |
|                     | 2801 Feb 18 16:14                      | 0° <b>∀</b>                       |             |                  | 2805 Nov 22 04:33<br>2805 Dec 21 21:28 | 0° <b>ਠ</b>                |             |
|                     | 2801 Mar 20 11:00                      | 0° <b>Υ</b>                       |             | min. Earth dist. | 2806 Jan 18 12:52                      | 0 0<br>28° <b>る</b> 07'22  | 0.98367 AU  |
|                     | 2801 Apr 19 16:29                      | 0°8                               |             | mm. Earth dist.  | 2806 Jan 20 09:06                      | 0°≈                        | 0.70307 110 |
|                     | 2801 May 20 10:12                      | 0°II                              |             |                  | 2806 Feb 18 21:23                      | 0° <b>∀</b>                |             |
|                     | 2801 Jun 20 14:24                      | 0°9                               |             |                  | 2806 Mar 20 16:07                      | 0° <b>Υ</b>                |             |
| max. Earth dist.    | 2801 Jul 19 06:20                      | 27° <b>©</b> 22'41                | 1.01636 AU  |                  | 2806 Apr 19 21:31                      | 0°8                        |             |
| man Barur Gibt.     | 2801 Jul 22 00:19                      | 0° <b>Ω</b>                       | 1.01050110  |                  | 2806 May 20 15:08                      | 0°II                       |             |
|                     | 2801 Aug 22 09:30                      | 0° <b>m</b> p                     |             |                  | 2806 Jun 20 19:14                      | 0°9                        |             |
|                     | 2801 Sep 22 11:42                      | $0 \circ \overline{\mathbf{v}}$   |             | max. Earth dist. | 2806 Jul 17 22:27                      | 25° <b>©</b> 55'14         | 1.01633 AU  |
|                     | 2801 Oct 23 02:43                      | 0°M                               |             |                  | 2806 Jul 22 05:06                      | $0^{\circ}\Omega$          |             |
|                     | 2801 Nov 22 05:31                      | 0° <b>⊼</b>                       |             |                  | 2806 Aug 22 14:17                      | 0° <b>m</b>                |             |
|                     | 2801 Dec 21 22:20                      | 6°0                               |             |                  | 2806 Sep 22 16:30                      | 0∘ <mark>⊽</mark>          |             |
| min. Earth dist.    | 2802 Jan 15 22:05                      | 25° <b>පි</b> 25'28               | 0.98361 AU  |                  | 2806 Oct 23 07:34                      | 0° <b>M</b>                |             |
|                     | 2802 Jan 20 09:53                      | 0° <b>≈</b>                       |             |                  | 2806 Nov 22 10:27                      | 0° <b>∡</b> ¹              |             |
|                     | 2802 Feb 18 22:09                      | 0° <b>)</b> €                     |             |                  | 2806 Dec 22 03:22                      | 0°ප                        |             |
|                     | 2802 Mar 20 16:54                      | $0^{\circ}\mathbf{\Upsilon}$      |             | min. Earth dist. | 2807 Jan 17 00:12                      | 26° <b>る</b> 19'03         | 0.98363 AU  |
|                     | 2802 Apr 19 22:21                      | $8^{\circ}$                       |             |                  | 2807 Jan 20 15:00                      | 0° <b>≈</b>                |             |
|                     | 2802 May 20 16:01                      | $\Pi^{\circ}0$                    |             |                  | 2807 Feb 19 03:16                      | 0° <b>∀</b>                |             |
|                     | 2802 Jun 20 20:08                      | $0$ $\circ$ $\odot$               |             |                  | 2807 Mar 20 21:58                      | $0^{\circ}$ Y              |             |
| max. Earth dist.    | 2802 Jul 19 08:02                      | 27°513'08                         | 1.01638 AU  |                  | 2807 Apr 20 03:19                      | 0° <b>႘</b>                |             |
|                     | 2802 Jul 22 05:58                      | $0^{\circ}\Omega$                 |             |                  | 2807 May 20 20:53                      | $\Pi$ $^{\circ}0$          |             |
|                     | 2802 Aug 22 15:06                      | O° Mp                             |             |                  | 2807 Jun 21 00:56                      | $0$ $\circ$                |             |
|                     | 2802 Sep 22 17:17                      | 0∘ <b>ত</b>                       |             | max. Earth dist. | 2807 Jul 20 14:03                      | 28° <b>©</b> 13'20         | 1.01636 AU  |
|                     | 2802 Oct 23 08:21                      | 0°M                               |             |                  | 2807 Jul 22 10:45                      | $0$ $^{\circ}$ $\Omega$    |             |
|                     | 2802 Nov 22 11:13                      | 0°⊀                               |             |                  | 2807 Aug 22 19:55                      | 0° <b>m</b> )              |             |
|                     | 2802 Dec 22 04:05                      | 0°₹                               |             |                  | 2807 Sep 22 22:10                      | 0∘ <b>⊽</b>                |             |
| min. Earth dist.    | 2803 Jan 18 13:24                      | 27° <b>る</b> 51'58                | 0.98365 AU  |                  | 2807 Oct 23 13:18                      | 0° <b>M</b>                |             |
|                     | 2803 Jan 20 15:41                      | 0° <b>≈</b>                       |             |                  | 2807 Nov 22 16:14                      | 0° <b>∡</b>                |             |
|                     | 2803 Feb 19 03:56                      | 0° <b>)</b> €                     |             |                  | 2807 Dec 22 09:09                      | 0°る                        |             |
|                     | 2803 Mar 20 22:39                      | 0° <b>Υ</b>                       |             | min. Earth dist. | 2808 Jan 17 07:34                      | 26° <b>♂</b> 23'02         | 0.98367 AU  |
|                     | 2803 Apr 20 04:04                      | 8°0                               |             |                  | 2808 Jan 20 20:45                      | 0° <b>≈</b>                |             |
|                     | 2803 May 20 21:43                      | 0° <b>I</b> I                     |             |                  | 2808 Feb 19 08:59                      | 0° <b>){</b>               |             |
| max. Earth dist.    | 2803 Jun 21 01:51                      | 0°©                               | 1.01/25 ATT |                  | 2808 Mar 20 03:40                      | 0°Υ<br>                    |             |
| max. Earth dist.    | 2803 Jul 17 19:14                      | 23° <b>£</b> 31′43<br>0° <b>Ω</b> | 1.01635 AU  |                  | 2808 Apr 19 09:02<br>2808 May 20 02:36 | 0°Β<br>0°8                 |             |
|                     | 2803 Jul 22 11:43                      | 0°Mp                              |             |                  | •                                      | 0.<br>о п                  |             |
|                     | 2803 Aug 22 20:53<br>2803 Sep 22 23:07 | 0∘ <b>ऌ</b><br>० ाग्रे            |             | max. Earth dist. | 2808 Jun 20 06:40<br>2808 Jul 17 15:20 | ୦ କ୍ତ<br>26°ହ୍ଡ08'11       | 1.01638 AU  |
|                     | 2803 Oct 23 14:13                      | 0°M.                              |             | max. Earth dist. | 2808 Jul 21 16:31                      | 0°Ω                        | 1.01038 AC  |
|                     | 2803 Nov 22 17:08                      | 0° <b>⊼</b> 7                     |             |                  | 2808 Aug 22 01:41                      | 0° <b>m</b> )              |             |
|                     | 2803 Dec 22 10:01                      | 0°ਤ                               |             |                  | 2808 Sep 22 03:56                      | 0° <del>ت</del>            |             |
| min. Earth dist.    | 2804 Jan 17 22:54                      | 27° <b>る</b> 00'06                | 0.98358 AU  |                  | 2808 Oct 22 19:03                      | 0° <b>™</b>                |             |
| min. Editii digt.   | 2804 Jan 20 21:34                      | 0°≈                               | 0.90320110  |                  | 2808 Nov 21 21:58                      | 0° <b>∡</b> 7              |             |
|                     | 2804 Feb 19 09:46                      | 0° <b>)</b> €                     |             |                  | 2808 Dec 21 14:53                      | ਰ°0<br>ਰ°0                 |             |
|                     | 2804 Mar 20 04:25                      | 0°Υ                               |             | min. Earth dist. | 2809 Jan 18 00:30                      | 27° <b>る</b> 52'48         | 0.98361 AU  |
|                     | 2804 Apr 19 09:48                      | 0° <b>႘</b>                       |             |                  | 2809 Jan 20 02:28                      | 0° <b>≈</b>                |             |
|                     | 2804 May 20 03:28                      | 0°II                              |             |                  | 2809 Feb 18 14:42                      | 0° <b>∀</b>                |             |
|                     | 2804 Jun 20 07:38                      | $0$ $\circ$ $\odot$               |             |                  | 2809 Mar 20 09:24                      | $0$ ° $\Upsilon$           |             |
| max. Earth dist.    | 2804 Jul 19 16:43                      | 28° <b>©</b> 03'31                | 1.01638 AU  |                  | 2809 Apr 19 14:48                      | 0°8                        |             |
|                     | 2804 Jul 21 17:34                      | $0^{\circ}\Omega$                 |             |                  | 2809 May 20 08:27                      | $\Pi^{\circ}0$             |             |
|                     | 2804 Aug 22 02:45                      | O° Mp                             |             |                  | 2809 Jun 20 12:35                      | 0°ಅ                        |             |
|                     | 2804 Sep 22 04:58                      | 0∘ <b>⊽</b>                       |             | max. Earth dist. | 2809 Jul 18 15:13                      | 26° <b>©</b> 51'05         | 1.01632 AU  |
|                     | 2804 Oct 22 20:03                      | $0^{\circ}$ M                     |             |                  | 2809 Jul 21 22:27                      | $0$ ° $\Omega$             |             |
|                     | 2804 Nov 21 22:57                      | 0° <b>∡</b> 7                     |             |                  | 2809 Aug 22 07:37                      | 0° <b>™</b>                |             |
|                     | 2804 Dec 21 15:51                      | 0°ಕ                               |             |                  | 2809 Sep 22 09:49                      | 0∘ <b>ত</b>                |             |
| min. Earth dist.    | 2805 Jan 15 22:58                      | 25° <b>る</b> 44'08                | 0.98364 AU  |                  | 2809 Oct 23 00:54                      | $0^{\circ}$ M              |             |
|                     | 2805 Jan 20 03:25                      | 0° <b>≈</b>                       |             |                  | 2809 Nov 22 03:49                      | 0° <b>∡</b> 7              |             |
|                     | 2805 Feb 18 15:38                      | 0° <b>)</b> (                     |             |                  | 2809 Dec 21 20:44                      | 0°る                        |             |
|                     | 2805 Mar 20 10:18                      | $^{\circ \gamma}$                 |             | min. Earth dist. | 2810 Jan 16 06:53                      | 25° <b>る</b> 51'49         | 0.98363 AU  |
|                     | 2805 Apr 19 15:40                      | 0° <b>K</b>                       |             |                  | 2810 Jan 20 08:21                      | 0° <b>≈</b>                |             |
|                     | 2805 May 20 09:17                      | 0° <b>∏</b>                       |             |                  | 2810 Feb 18 20:37                      | 0° <b>ℋ</b><br>0° <b>Ƴ</b> |             |
|                     | 2805 Jun 20 13:24                      | 0ං <b>වෙ</b>                      |             |                  | 2810 Mar 20 15:18                      | U I                        |             |

|                   | 2810 Apr 19 20:40                      | 0° <b>8</b>                  |              |                      | 2815 Jan 20 13:28                      | 0°≈                          |             |
|-------------------|--|------------------------------|--------------|----------------------|--|------------------------------|-------------|
|                   | 2810 May 20 14:16                      | 0° <b>Π</b>                  |              |                      | 2815 Feb 19 01:41                      | 0° <b>)</b> €                |             |
| T 4 1 1 1         | 2810 Jun 20 18:19                      | 0°95                         | 1.01.625.437 |                      | 2815 Mar 20 20:19                      | 0° <b>Υ</b>                  |             |
| max. Earth dist.  | 2810 Jul 19 15:36                      | 27° <b>©</b> 35'36           | 1.01635 AU   |                      | 2815 Apr 20 01:38                      | 8°0                          |             |
|                   | 2810 Jul 22 04:07                      | 0° <b>N</b>                  |              |                      | 2815 May 20 19:12                      | 0° <b>I</b> I                |             |
|                   | 2810 Aug 22 13:13                      | 0° <b>m</b>                  |              | E 4 E 4              | 2815 Jun 20 23:17                      | 0°95                         | 1.01/2/ 411 |
|                   | 2810 Sep 22 15:25                      | 0∘ <b>亚</b>                  |              | max. Earth dist.     | 2815 Jul 20 15:20                      | 28° <b>©</b> 20'17           | 1.01636 AU  |
|                   | 2810 Oct 23 06:30                      | 0° <b>M</b><br>0° <b>∡</b> 7 |              |                      | 2815 Jul 22 09:08                      | 0° <b>Ω</b>                  |             |
|                   | 2810 Nov 22 09:26                      | 0°중                          |              |                      | 2815 Aug 22 18:20                      | 0 <b>் ம</b><br>0° <b>மி</b> |             |
| min. Earth dist.  | 2810 Dec 22 02:24<br>2811 Jan 18 07:17 | 0 3<br>27° <b>る</b> 40'27    | 0.98370 AU   |                      | 2815 Sep 22 20:37<br>2815 Oct 23 11:49 | 0°M                          |             |
| mm. Earth dist.   | 2811 Jan 20 14:04                      | 27 <b>⊙</b> 4027             | 0.96370 AU   |                      | 2815 Nov 22 14:49                      | 0° <b>⊼</b> 7                |             |
|                   | 2811 Feb 19 02:22                      | 0° <b>∺</b>                  |              |                      | 2815 Dec 22 07:47                      | % ਨ                          |             |
|                   | 2811 Mar 20 21:03                      | 0°Υ                          |              | min. Earth dist.     | 2816 Jan 17 03:07                      | 26° <b>පි</b> 15'08          | 0.98365 AU  |
|                   | 2811 Apr 20 02:24                      | 0°8                          |              | iiiii. Lattii tiist. | 2816 Jan 20 19:24                      | 20 <b>⊙</b> 13 08            | 0.76303 AC  |
|                   | 2811 May 20 19:58                      | 0°II                         |              |                      | 2816 Feb 19 07:36                      | 0° <b>∀</b>                  |             |
|                   | 2811 Jun 21 00:02                      | 0.2<br>0.2                   |              |                      | 2816 Mar 20 02:11                      | 0°Υ                          |             |
| max. Earth dist.  | 2811 Jul 17 22:30                      | 25° <b>©</b> 43'54           | 1.01635 AU   |                      | 2816 Apr 19 07:28                      | 0°8                          |             |
| man. Bartii dige. | 2811 Jul 22 09:52                      | 0° <b>Ω</b>                  | 1.01030110   |                      | 2816 May 20 01:00                      | 0°II                         |             |
|                   | 2811 Aug 22 19:02                      | 0° m)                        |              |                      | 2816 Jun 20 05:04                      | 0°9                          |             |
|                   | 2811 Sep 22 21:16                      | 0∘ <b>⊽</b>                  |              | max. Earth dist.     | 2816 Jul 17 22:35                      | 26° <b>©</b> 29'11           | 1.01641 AU  |
|                   | 2811 Oct 23 12:23                      | 0°M                          |              |                      | 2816 Jul 21 14:57                      | $0^{\circ}\Omega$            |             |
|                   | 2811 Nov 22 15:19                      | 0° <b>∡</b> 7                |              |                      | 2816 Aug 22 00:10                      | 0° m/                        |             |
|                   | 2811 Dec 22 08:15                      | 5°0                          |              |                      | 2816 Sep 22 02:27                      | 0° <del>ٽ</del>              |             |
| min. Earth dist.  | 2812 Jan 18 05:43                      | 27° <b>る</b> 21'50           | 0.98362 AU   |                      | 2816 Oct 22 17:37                      | 0°M                          |             |
|                   | 2812 Jan 20 19:51                      | 0° <b>≈</b>                  |              |                      | 2816 Nov 21 20:36                      | 0° <b>∡</b> ¹                |             |
|                   | 2812 Feb 19 08:06                      | 0° <b>)</b> €                |              |                      | 2816 Dec 21 13:34                      | 0°ප                          |             |
|                   | 2812 Mar 20 02:47                      | $0$ ° $\Upsilon$             |              | min. Earth dist.     | 2817 Jan 18 08:20                      | 28° <b>පි</b> 16'00          | 0.98363 AU  |
|                   | 2812 Apr 19 08:09                      | 0° <b>႘</b>                  |              |                      | 2817 Jan 20 01:11                      | 0° <b>≈</b>                  |             |
|                   | 2812 May 20 01:44                      | $\Pi$ $^{\circ}0$            |              |                      | 2817 Feb 18 13:24                      | 0° <b>∀</b>                  |             |
|                   | 2812 Jun 20 05:51                      | $0$ $\circ$ $\odot$          |              |                      | 2817 Mar 20 08:02                      | $0^{\circ}\Upsilon$          |             |
| max. Earth dist.  | 2812 Jul 19 14:22                      | 28° <b>©</b> 02'14           | 1.01636 AU   |                      | 2817 Apr 19 13:20                      | $9^{\circ}$ 8                |             |
|                   | 2812 Jul 21 15:45                      | $0 {\circ} \Omega$           |              |                      | 2817 May 20 06:54                      | $\Pi$ °0                     |             |
|                   | 2812 Aug 22 00:58                      | 0° <b>m</b>                  |              |                      | 2817 Jun 20 11:00                      | $0$ $\circ$ $\odot$          |             |
|                   | 2812 Sep 22 03:13                      | 0∘ <b>⊽</b>                  |              | max. Earth dist.     | 2817 Jul 18 03:23                      | 26°\$26'34                   | 1.01635 AU  |
|                   | 2812 Oct 22 18:20                      | 0°M                          |              |                      | 2817 Jul 21 20:54                      | $0^{\circ}\Omega$            |             |
|                   | 2812 Nov 21 21:14                      | 0° ⊀ <sup>7</sup>            |              |                      | 2817 Aug 22 06:08                      | 0° <b>т</b> у                |             |
|                   | 2812 Dec 21 14:08                      | 0°る                          | 0.00262.444  |                      | 2817 Sep 22 08:26                      | 0∘ <b>亚</b>                  |             |
| min. Earth dist.  | 2813 Jan 15 17:34                      | 25° <b>⋜</b> 34'45           | 0.98363 AU   |                      | 2817 Oct 22 23:34                      | 0°M                          |             |
|                   | 2813 Jan 20 01:43                      | 0° <b>≈</b>                  |              |                      | 2817 Nov 22 02:32                      | 0° <b>⊀</b><br>0° <b>⋜</b>   |             |
|                   | 2813 Feb 18 13:57<br>2813 Mar 20 08:39 | 0° <b>Υ</b><br>0° <b>Υ</b>   |              | min. Earth dist.     | 2817 Dec 21 19:29                      | 0°る<br>26°る12'06             | 0.98364 AU  |
|                   | 2813 Mar 20 08.39<br>2813 Apr 19 14:01 | 0° <b>8</b>                  |              | min. Earth dist.     | 2818 Jan 16 13:37<br>2818 Jan 20 07:08 | 20 O1200<br>0°≈              | 0.98304 AU  |
|                   | 2813 May 20 07:37                      | 0°U                          |              |                      | 2818 Feb 18 19:24                      | 0 <b>∞</b><br>0° <b>∀</b>    |             |
|                   | 2813 Jun 20 11:42                      | 0°©                          |              |                      | 2818 Mar 20 14:04                      | 0° <b>Υ</b>                  |             |
| max. Earth dist.  | 2813 Jul 18 18:38                      | 27° <b>©</b> 01'16           | 1.01640 AU   |                      | 2818 Apr 19 19:22                      | 0°8                          |             |
| max. Earth dist.  | 2813 Jul 21 21:33                      | 0°Ω                          | 1.01010110   |                      | 2818 May 20 12:52                      | 0°II                         |             |
|                   | 2813 Aug 22 06:43                      | 0° m)                        |              |                      | 2818 Jun 20 16:52                      | 0<br>. ತ                     |             |
|                   | 2813 Sep 22 08:57                      | 0∘ <u>v</u>                  |              | max. Earth dist.     | 2818 Jul 20 02:34                      | 28°905'16                    | 1.01635 AU  |
|                   | 2813 Oct 23 00:03                      | 0°M                          |              |                      | 2818 Jul 22 02:39                      | $0^{\circ}\Omega$            |             |
|                   | 2813 Nov 22 02:57                      | 0° <b>∡</b> ¹                |              |                      | 2818 Aug 22 11:48                      | o° mp                        |             |
|                   | 2813 Dec 21 19:51                      | ರ°0                          |              |                      | 2818 Sep 22 14:05                      | 0∘ <b>⊽</b>                  |             |
| min. Earth dist.  | 2814 Jan 18 09:30                      | 28° <b>පි</b> 03'00          | 0.98365 AU   |                      | 2818 Oct 23 05:15                      | $0^{\circ}$ M                |             |
|                   | 2814 Jan 20 07:27                      | 0° <b>≈</b>                  |              |                      | 2818 Nov 22 08:14                      | 0° <b>∡</b> ¹                |             |
|                   | 2814 Feb 18 19:43                      | 0° <b>∀</b>                  |              |                      | 2818 Dec 22 01:14                      | 8°0                          |             |
|                   | 2814 Mar 20 14:25                      | $0$ ° $\Upsilon$             |              | min. Earth dist.     | 2819 Jan 17 17:19                      | 27° <b>る</b> 07'49           | 0.98371 AU  |
|                   | 2814 Apr 19 19:49                      | 0°8                          |              |                      | 2819 Jan 20 12:55                      | 0° <b>≈</b>                  |             |
|                   | 2814 May 20 13:26                      | $\Pi$ °0                     |              |                      | 2819 Feb 19 01:12                      | 0° <b>)</b> €                |             |
|                   | 2814 Jun 20 17:32                      | 0                            |              |                      | 2819 Mar 20 19:53                      | 0° <b>Υ</b>                  |             |
| max. Earth dist.  | 2814 Jul 17 16:08                      | 25°5544'15                   | 1.01634 AU   |                      | 2819 Apr 20 01:11                      | 0°B                          |             |
|                   | 2814 Jul 22 03:23                      | $0$ $\circ$ $\Omega$         |              |                      | 2819 May 20 18:40                      | 0°Щ                          |             |
|                   | 2814 Aug 22 12:34                      | 0° mp                        |              |                      | 2819 Jun 20 22:38                      | 0°©                          |             |
|                   | 2814 Sep 22 14:51                      | 0∘ <b>亚</b>                  |              | max. Earth dist.     | 2819 Jul 18 07:12                      | 26°508'04                    | 1.01634 AU  |
|                   | 2814 Oct 23 05:59                      | 0°M.                         |              |                      | 2819 Jul 22 08:26                      | 0° <b>N</b>                  |             |
|                   | 2814 Nov 22 08:56                      | 0° <b>₹</b>                  |              |                      | 2819 Aug 22 17:36                      | 0° <b>m</b>                  |             |
| min Forth 3:-4    | 2814 Dec 22 01:52                      | 0°る<br>26° <b>ス</b> 47'41    | 0.00260 411  |                      | 2819 Sep 22 19:54                      | 0∘ <b>m</b>                  |             |
| min. Earth dist.  | 2815 Jan 17 09:56                      | 26° <b>⋜</b> 47'41           | 0.98360 AU   |                      | 2819 Oct 23 11:08                      | 0°M₊                         |             |

|                     | 2819 Nov 22 14:08                      | 0° <b>∡</b>                  |             |                  | 2824 Aug 21 22:36                      | 0° <b>m</b> y              |             |
|---------------------|--|------------------------------|-------------|------------------|--|----------------------------|-------------|
|                     | 2819 Dec 22 07:07                      | 0° <b>る</b>                  |             |                  | 2824 Sep 22 00:55                      | 0∘ <b>ত</b>                |             |
| min. Earth dist.    | 2820 Jan 18 14:18                      | 27° <b>る</b> 46'33           | 0.98361 AU  |                  | 2824 Oct 22 16:06                      | 0°M₊                       |             |
|                     | 2820 Jan 20 18:43                      | 0° <b>≈</b>                  |             |                  | 2824 Nov 21 19:04                      | 0° <b>√</b>                |             |
|                     | 2820 Feb 19 06:57                      | 0° <b>∀</b>                  |             |                  | 2824 Dec 21 12:01                      | 0° <b>ප</b>                |             |
|                     | 2820 Mar 20 01:35                      | $0^{\circ}$ Y                |             | min. Earth dist. | 2825 Jan 18 07:36                      | 28°る18'08                  | 0.98363 AU  |
|                     | 2820 Apr 19 06:54                      | $9^{\circ}$ 8                |             |                  | 2825 Jan 19 23:37                      | 0° <b>≈</b>                |             |
|                     | 2820 May 20 00:27                      | $\Pi$ $^{\circ}0$            |             |                  | 2825 Feb 18 11:50                      | 0° <b>∀</b>                |             |
|                     | 2820 Jun 20 04:31                      | 0                            |             |                  | 2825 Mar 20 06:27                      | $0$ ° $\Upsilon$           |             |
| max. Earth dist.    | 2820 Jul 19 07:16                      | 27° <b>5</b> 348'39          | 1.01633 AU  |                  | 2825 Apr 19 11:45                      | 0°8                        |             |
|                     | 2820 Jul 21 14:22                      | $0 {\circ} \Omega$           |             |                  | 2825 May 20 05:17                      | $\Pi$ $^{\circ}0$          |             |
|                     | 2820 Aug 21 23:33                      | 0° <b>™</b>                  |             |                  | 2825 Jun 20 09:20                      | 0                          |             |
|                     | 2820 Sep 22 01:51                      | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2825 Jul 17 18:46                      | 26° <b>5</b> 0'04          | 1.01635 AU  |
|                     | 2820 Oct 22 17:02                      | 0°M                          |             |                  | 2825 Jul 21 19:12                      | $0 {\circ} \Omega$         |             |
|                     | 2820 Nov 21 20:02                      | 0° <b>∡</b> ¹                |             |                  | 2825 Aug 22 04:27                      | 0° <b>m</b>                |             |
|                     | 2820 Dec 21 13:01                      | 5°0                          |             |                  | 2825 Sep 22 06:47                      | 0∘ <b>⊽</b>                |             |
| min. Earth dist.    | 2821 Jan 15 23:23                      | 25° <b>る</b> 52'21           | 0.98363 AU  |                  | 2825 Oct 22 21:59                      | 0°M                        |             |
|                     | 2821 Jan 20 00:38                      | 0° <b>≈</b>                  |             |                  | 2825 Nov 22 00:58                      | 0° <b>∡</b>                |             |
|                     | 2821 Feb 18 12:51                      | 0° <b>∀</b>                  |             |                  | 2825 Dec 21 17:55                      | o°ප                        |             |
|                     | 2821 Mar 20 07:28                      | $0$ ° $\Upsilon$             |             | min. Earth dist. | 2826 Jan 16 19:54                      | 26° <b>る</b> 32'14         | 0.98360 AU  |
|                     | 2821 Apr 19 12:47                      | $9^{\circ}$ 8                |             |                  | 2826 Jan 20 05:31                      | 0° <b>≈</b>                |             |
|                     | 2821 May 20 06:21                      | $\Pi$ $^{\circ}0$            |             |                  | 2826 Feb 18 17:44                      | 0° <b>∀</b>                |             |
|                     | 2821 Jun 20 10:23                      | $0$ $\circ$ $\odot$          |             |                  | 2826 Mar 20 12:22                      | $0$ ° $\Upsilon$           |             |
| max. Earth dist.    | 2821 Jul 19 02:55                      | 27° <b>5</b> 24'17           | 1.01637 AU  |                  | 2826 Apr 19 17:38                      | 0°8                        |             |
|                     | 2821 Jul 21 20:11                      | $0 {\circ} \Omega$           |             |                  | 2826 May 20 11:08                      | $\Pi$ $^{\circ}0$          |             |
|                     | 2821 Aug 22 05:19                      | 0° <b>™</b>                  |             |                  | 2826 Jun 20 15:06                      | 0                          |             |
|                     | 2821 Sep 22 07:33                      | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2826 Jul 20 08:21                      | 28° <b>©</b> 23'18         | 1.01635 AU  |
|                     | 2821 Oct 22 22:41                      | 0°M₊                         |             |                  | 2826 Jul 22 00:53                      | $0^{\circ}\Omega$          |             |
|                     | 2821 Nov 22 01:40                      | 0°⊀                          |             |                  | 2826 Aug 22 10:03                      | 0° <b>m</b> ⁄              |             |
|                     | 2821 Dec 21 18:39                      | 0° <b>る</b>                  |             |                  | 2826 Sep 22 12:22                      | 0∘ <b>ত</b>                |             |
| min. Earth dist.    | 2822 Jan 18 09:56                      | 28° <b>る</b> 07'00           | 0.98369 AU  |                  | 2826 Oct 23 03:37                      | 0° <b>™</b>                |             |
|                     | 2822 Jan 20 06:19                      | 0° <b>≈</b>                  |             |                  | 2826 Nov 22 06:40                      | 0° <b>∡</b>                |             |
|                     | 2822 Feb 18 18:34                      | 0° <b>∀</b>                  |             |                  | 2826 Dec 21 23:41                      | 0° <b>ろ</b>                |             |
|                     | 2822 Mar 20 13:13                      | 0° <b>Υ</b>                  |             | min. Earth dist. | 2827 Jan 17 06:38                      |                            | 0.98367 AU  |
|                     | 2822 Apr 19 18:32                      | 0° <b>B</b>                  |             |                  | 2827 Jan 20 11:19                      | 0° <b>≈</b>                |             |
|                     | 2822 May 20 12:05                      | 0° <b>Ⅱ</b>                  |             |                  | 2827 Feb 18 23:31                      | 0° <b>Υ</b><br>0° <b>Υ</b> |             |
| T d F d             | 2822 Jun 20 16:09                      | 0°©                          | 1.01/22 ATT |                  | 2827 Mar 20 18:07                      |                            |             |
| max. Earth dist.    | 2822 Jul 17 13:33                      |                              | 1.01633 AU  |                  | 2827 Apr 19 23:20                      | 0° <b>Β</b>                |             |
|                     | 2822 Jul 22 01:58                      | 0° <b>N</b>                  |             |                  | 2827 May 20 16:47                      | 0° <b>Ⅱ</b>                |             |
|                     | 2822 Aug 22 11:08                      | 0° <b>m</b><br>0° <b>0</b>   |             | may Earth dist   | 2827 Jun 20 20:46                      | 0°99                       | 1.01627 AII |
|                     | 2822 Sep 22 13:23                      | 0∘ <b>™</b>                  |             | max. Earth dist. | 2827 Jul 18 13:13                      |                            | 1.01637 AU  |
|                     | 2822 Oct 23 04:32<br>2822 Nov 22 07:32 | 0° <b>M</b><br>0° <b>∡</b> 7 |             |                  | 2827 Jul 22 06:33<br>2827 Aug 22 15:44 | 0° <b>N</b><br>0° <b>m</b> |             |
|                     | 2822 Nov 22 07:32<br>2822 Dec 22 00:31 | 0°る                          |             |                  | 2827 Aug 22 13:44<br>2827 Sep 22 18:06 | 0° <b>ت</b><br>الله        |             |
| min. Earth dist.    | 2823 Jan 17 19:42                      | 0 පි<br>27°පි15'51           | 0.98363 AU  |                  | 2827 Sep 22 18:00<br>2827 Oct 23 09:23 | 0° <b>m</b>                |             |
| iiiii. Lattii dist. | 2823 Jan 20 12:11                      | 0°≈                          | 0.76303 AC  |                  | 2827 Nov 22 12:28                      | 0° <b>⊼</b> ⊓              |             |
|                     | 2823 Feb 19 00:26                      | 0° <b>∀</b>                  |             |                  | 2827 Dec 22 05:30                      | °5<br>ਹ°ਤ                  |             |
|                     | 2823 Mar 20 19:03                      | 0°Υ                          |             | min. Earth dist. | 2828 Jan 19 00:28                      |                            | 0.98360 AU  |
|                     | 2823 Apr 20 00:18                      | 0°8                          |             | mm. Darm dist.   | 2828 Jan 20 17:07                      | 0° <b>≈</b>                | 0.90500110  |
|                     | 2823 May 20 17:47                      | 0°Щ                          |             |                  | 2828 Feb 19 05:17                      | 0° <b>)</b> €              |             |
|                     | 2823 Jun 20 21:49                      | 0°©                          |             |                  | 2828 Mar 19 23:49                      | 0°Υ                        |             |
| max. Earth dist.    | 2823 Jul 20 15:05                      |                              | 1.01635 AU  |                  | 2828 Apr 19 05:02                      | 0°8                        |             |
|                     | 2823 Jul 22 07:40                      | $0^{\circ}\Omega$            |             |                  | 2828 May 19 22:30                      | 0°Щ                        |             |
|                     | 2823 Aug 22 16:52                      | 0° m/y                       |             |                  | 2828 Jun 20 02:32                      | 0° <b>©</b>                |             |
|                     | 2823 Sep 22 19:10                      | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2828 Jul 18 17:18                      | 27° <b>©</b> 19'59         | 1.01635 AU  |
|                     | 2823 Oct 23 10:22                      | 0°M                          |             |                  | 2828 Jul 21 12:25                      | $0^{\circ}\Omega$          |             |
|                     | 2823 Nov 22 13:22                      | 0° <b>∡</b> ¹                |             |                  | 2828 Aug 21 21:40                      | o° mp                      |             |
|                     | 2823 Dec 22 06:21                      | o°ප                          |             |                  | 2828 Sep 22 00:01                      | 0° <b>⊽</b>                |             |
| min. Earth dist.    | 2824 Jan 16 19:08                      | 25° <b>る</b> 58'23           | 0.98366 AU  |                  | 2828 Oct 22 15:17                      | 0°M                        |             |
|                     | 2824 Jan 20 18:00                      | 0° <b>≈</b>                  |             |                  | 2828 Nov 21 18:21                      | 0° <b>∡</b> 7              |             |
|                     | 2824 Feb 19 06:13                      | 0° <b>)</b> €                |             |                  | 2828 Dec 21 11:23                      | ರ°0                        |             |
|                     | 2824 Mar 20 00:49                      | $0^{\circ}\mathbf{\Upsilon}$ |             | min. Earth dist. | 2829 Jan 16 06:53                      | 26° <b>る</b> 15'34         | 0.98363 AU  |
|                     | 2824 Apr 19 06:04                      | $9^{\circ}$ 8                |             |                  | 2829 Jan 19 23:02                      | 0° <b>≈</b>                |             |
|                     | 2824 May 19 23:32                      | $\Pi$ °0                     |             |                  | 2829 Feb 18 11:14                      | 0° <b>)</b> €              |             |
|                     | 2824 Jun 20 03:32                      | 0ಂತಾ                         |             |                  | 2829 Mar 20 05:48                      | 0° <b>Ƴ</b>                |             |
| max. Earth dist.    | 2824 Jul 18 08:35                      |                              | 1.01641 AU  |                  | 2829 Apr 19 11:00                      | 0° <b>8</b>                |             |
|                     | 2824 Jul 21 13:22                      | $0$ ° $\Omega$               |             |                  | 2829 May 20 04:26                      | $\Pi$ °0                   |             |

|                  | 2020 I 20 00-25                        | 000                             |              |                  | 2024 M 20 11.00                        | 0° <b>Υ</b>               |              |
|------------------|--|---------------------------------|--------------|------------------|--|---------------------------|--------------|
| P. d. F.         | 2829 Jun 20 08:25                      | 0°95                            | 1.01.620.444 |                  | 2834 Mar 20 11:00                      | • •                       |              |
| max. Earth dist. | 2829 Jul 19 13:41                      | 27° <b>9</b> 54'40              | 1.01638 AU   |                  | 2834 Apr 19 16:14                      | 0° <b>∀</b>               |              |
|                  | 2829 Jul 21 18:13                      | $\Omega^{\circ}\Omega$          |              |                  | 2834 May 20 09:40                      | 0°∏                       |              |
|                  | 2829 Aug 22 03:24                      | 0° m/                           |              | T 4 F            | 2834 Jun 20 13:38                      | 0.00<br>0.00              | 1.01.020.177 |
|                  | 2829 Sep 22 05:42                      | 0∘ <b>⊽</b>                     |              | max. Earth dist. | 2834 Jul 20 09:48                      |                           | 1.01632 AU   |
|                  | 2829 Oct 22 20:55                      | 0° <b>™</b>                     |              |                  | 2834 Jul 21 23:24                      | 0° <b>N</b>               |              |
|                  | 2829 Nov 21 23:58                      | 0° <b>⊼</b>                     |              |                  | 2834 Aug 22 08:34                      | 0° <b>m</b> y             |              |
|                  | 2829 Dec 21 17:00                      | 0°る                             |              |                  | 2834 Sep 22 10:52                      | 0∘ <b>⊽</b>               |              |
| min. Earth dist. | 2830 Jan 18 03:14                      | 27° <b>る</b> 53'59              | 0.98371 AU   |                  | 2834 Oct 23 02:06                      | 0° <b>™</b>               |              |
|                  | 2830 Jan 20 04:42                      | 0° <b>≈</b>                     |              |                  | 2834 Nov 22 05:11                      | 0° ⊀ <sup>7</sup>         |              |
|                  | 2830 Feb 18 16:59                      | 0° <b>)</b> €                   |              |                  | 2834 Dec 21 22:16                      | 0°る                       |              |
|                  | 2830 Mar 20 11:36                      | 0° <b>Υ</b>                     |              | min. Earth dist. | 2835 Jan 16 20:02                      | 26° <b>♂</b> 21'06        | 0.98371 AU   |
|                  | 2830 Apr 19 16:50                      | 0°8                             |              |                  | 2835 Jan 20 09:58                      | 0° <b>≈</b>               |              |
|                  | 2830 May 20 10:16                      | 0° <b>Ⅱ</b>                     |              |                  | 2835 Feb 18 22:14                      | 0° <b>)</b> €             |              |
|                  | 2830 Jun 20 14:13                      | 0.22                            |              |                  | 2835 Mar 20 16:50                      | 0°Υ                       |              |
| max. Earth dist. | 2830 Jul 17 20:48                      | 26°903'24                       | 1.01633 AU   |                  | 2835 Apr 19 22:02                      | 0° <b>8</b>               |              |
|                  | 2830 Jul 21 24:00                      | $0$ ° $\Omega$                  |              |                  | 2835 May 20 15:26                      | 0°Щ                       |              |
|                  | 2830 Aug 22 09:11                      | 0° mp                           |              |                  | 2835 Jun 20 19:22                      | 0°50                      |              |
|                  | 2830 Sep 22 11:32                      | 0∘ <b>⊽</b>                     |              | max. Earth dist. | 2835 Jul 18 20:22                      | 26°5547'16                | 1.01637 AU   |
|                  | 2830 Oct 23 02:48                      | 0° <b>™</b>                     |              |                  | 2835 Jul 22 05:09                      | 0° <b>N</b>               |              |
|                  | 2830 Nov 22 05:52                      | 0° <b>∡</b>                     |              |                  | 2835 Aug 22 14:21                      | 0° m/y                    |              |
|                  | 2830 Dec 21 22:55                      | 0°る                             |              |                  | 2835 Sep 22 16:42                      | 0∘ <b>⊽</b>               |              |
| min. Earth dist. | 2831 Jan 18 04:29                      |                                 | 0.98365 AU   |                  | 2835 Oct 23 07:58                      | 0°M<br>0°.₹               |              |
|                  | 2831 Jan 20 10:36                      | 0° <b>≈</b>                     |              |                  | 2835 Nov 22 11:03                      | 0° <b>⊼</b>               |              |
|                  | 2831 Feb 18 22:51                      | 0° <b>∀</b><br>0° <b>Υ</b>      |              | ' E 4 1' 4       | 2835 Dec 22 04:05                      | 0°る                       | 0.00264.411  |
|                  | 2831 Mar 20 17:27                      |                                 |              | min. Earth dist. | 2836 Jan 19 02:45                      | 28°₹25'52                 | 0.98364 AU   |
|                  | 2831 Apr 19 22:40                      | 0°B<br>0°B                      |              |                  | 2836 Jan 20 15:44                      | 0° <b>∺</b>               |              |
|                  | 2831 May 20 16:04<br>2831 Jun 20 20:01 | 0°9                             |              |                  | 2836 Feb 19 03:56<br>2836 Mar 19 22:31 | 0 <b>Υ</b><br>0° <b>Υ</b> |              |
| max. Earth dist. | 2831 Jul 20 25:45                      | 28° <b>©</b> 29'17              | 1.01631 AU   |                  | 2836 Apr 19 03:43                      | 0°8                       |              |
| max. Earth dist. | 2831 Jul 20 15:43<br>2831 Jul 22 05:47 | 28 <b>3</b> 2917<br>0° <b>Ω</b> | 1.01031 AU   |                  | 2836 May 19 21:10                      | 0°II                      |              |
|                  | 2831 Aug 22 15:00                      | 0° mp                           |              |                  | 2836 Jun 20 01:11                      | 0° <b>©</b>               |              |
|                  | 2831 Sep 22 17:22                      | 0∘ <del>ত</del><br>ماہ          |              | max. Earth dist. | 2836 Jul 18 01:49                      | 26°5946'21                | 1.01635 AU   |
|                  | 2831 Oct 23 08:40                      | 0°M                             |              | max. Earth dist. | 2836 Jul 21 11:03                      | 0°Ω                       | 1.01033710   |
|                  | 2831 Nov 22 11:47                      | 0° <b>⊼</b> 7                   |              |                  | 2836 Aug 21 20:20                      | 0° m)                     |              |
|                  | 2831 Dec 22 04:50                      | ි<br>ව°0                        |              |                  | 2836 Sep 21 22:44                      | 0∘ <b>⊽</b>               |              |
| min. Earth dist. | 2832 Jan 16 18:55                      | 26° <b>පි</b> 01'41             | 0.98366 AU   |                  | 2836 Oct 22 14:00                      | 0°M                       |              |
|                  | 2832 Jan 20 16:30                      | 0° <b>≈</b>                     |              |                  | 2836 Nov 21 17:03                      | 0° <b>⊼</b>               |              |
|                  | 2832 Feb 19 04:43                      | 0° <b>)</b> €                   |              |                  | 2836 Dec 21 10:03                      | 0°る                       |              |
|                  | 2832 Mar 19 23:18                      | $0^{\circ}\Upsilon$             |              | min. Earth dist. | 2837 Jan 16 09:26                      | 26° <b>පි</b> 25'31       | 0.98360 AU   |
|                  | 2832 Apr 19 04:30                      | 0°8                             |              |                  | 2837 Jan 19 21:40                      | 0° <b>≈</b>               |              |
|                  | 2832 May 19 21:56                      | $\Pi$ $^{\circ}0$               |              |                  | 2837 Feb 18 09:52                      | 0° <b>∀</b>               |              |
|                  | 2832 Jun 20 01:52                      | 0°ಲಾ                            |              |                  | 2837 Mar 20 04:26                      | 0° <b>Υ</b>               |              |
| max. Earth dist. | 2832 Jul 18 18:10                      | 27° <b>5</b> 23'46              | 1.01637 AU   |                  | 2837 Apr 19 09:40                      | 0°8                       |              |
|                  | 2832 Jul 21 11:39                      | $0^{\circ}\Omega$               |              |                  | 2837 May 20 03:07                      | $\Pi^{\circ}0$            |              |
|                  | 2832 Aug 21 20:50                      | 0° <b>m</b> p                   |              |                  | 2837 Jun 20 07:05                      | $0$ $\circ$ $\odot$       |              |
|                  | 2832 Sep 21 23:10                      | 0० <b>⊽</b>                     |              | max. Earth dist. | 2837 Jul 19 20:39                      | 28° <b>©</b> 14'27        | 1.01638 AU   |
|                  | 2832 Oct 22 14:26                      | 0° <b>M</b>                     |              |                  | 2837 Jul 21 16:53                      | $0 {\circ} \Omega$        |              |
|                  | 2832 Nov 21 17:30                      | 0°⊀                             |              |                  | 2837 Aug 22 02:06                      | 0° <b>m</b> ∕             |              |
|                  | 2832 Dec 21 10:33                      | 0°₹                             |              |                  | 2837 Sep 22 04:27                      | 0∘ <b>亚</b>               |              |
| min. Earth dist. | 2833 Jan 18 10:27                      | 28° <b>る</b> 28'58              | 0.98366 AU   |                  | 2837 Oct 22 19:43                      | 0°M                       |              |
|                  | 2833 Jan 19 22:12                      | 0° <b>≈</b>                     |              |                  | 2837 Nov 21 22:46                      | 0° <b>∡</b> ¹             |              |
|                  | 2833 Feb 18 10:25                      | 0° <b>∀</b>                     |              |                  | 2837 Dec 21 15:47                      | 0°₹                       |              |
|                  | 2833 Mar 20 05:01                      | 0° <b>Υ</b>                     |              | min. Earth dist. | 2838 Jan 17 12:07                      |                           | 0.98367 AU   |
|                  | 2833 Apr 19 10:16                      | 0°B                             |              |                  | 2838 Jan 20 03:25                      | 0° <b>≈</b>               |              |
|                  | 2833 May 20 03:45                      | 0°Щ                             |              |                  | 2838 Feb 18 15:37                      | 0° <b>∀</b>               |              |
|                  | 2833 Jun 20 07:46                      | 0°©                             |              |                  | 2838 Mar 20 10:13                      | 0° <b>Υ</b>               |              |
| max. Earth dist. | 2833 Jul 17 11:05                      | 25° <b>©</b> 55'32              | 1.01632 AU   |                  | 2838 Apr 19 15:26                      | 0° <b>B</b>               |              |
|                  | 2833 Jul 21 17:36                      | $\Omega^{\circ}\Omega$          |              |                  | 2838 May 20 08:52                      | 0°∏                       |              |
|                  | 2833 Aug 22 02:48                      | 0° <b>m</b><br>0° <b>0</b>      |              | more Death 11 4  | 2838 Jun 20 12:50                      | 0°95                      | 1.01/2/ 411  |
|                  | 2833 Sep 22 05:08                      | 0∘ <b>™</b>                     |              | max. Earth dist. | 2838 Jul 18 00:50                      | 26°©16'16                 | 1.01636 AU   |
|                  | 2833 Oct 22 20:22<br>2833 Nov 21 23:26 | 0° <b>M</b><br>0° <b>∡</b> 7    |              |                  | 2838 Jul 21 22:38                      | 0° <b>№</b>               |              |
|                  | 2833 Nov 21 23:26<br>2833 Dec 21 16:29 | 0° <b>ਨ</b>                     |              |                  | 2838 Aug 22 07:51<br>2838 Sep 22 10:15 | 0ം <b>⊽</b>               |              |
| min. Earth dist. | 2834 Jan 17 06:18                      | 0 3<br>27° <b>る</b> 02'11       | 0.98364 AU   |                  | 2838 Oct 23 01:34                      | 0°M                       |              |
| Darm dist.       | 2834 Jan 20 04:09                      | 27 <b>3</b> 02 11 0° <b>≈</b>   | 5.76304 AU   |                  | 2838 Nov 22 04:41                      | 0° <b>⊼</b> ¹             |              |
|                  | 2834 Feb 18 16:24                      | 0° <b>∀</b>                     |              |                  | 2838 Dec 21 21:45                      | °ੇਠ                       |              |
|                  | 205.100 10 10.2T                       | ~ /\                            |              |                  | 2000 200 21 21.73                      | ~ <b>~</b>                |              |

| min. Earth dist. | 2839 Jan 18 14:20 | 28° <b>る</b> 10'27           | 0.98360 AU  |                  | 2843 Oct 23 06:22 | $0^{\circ}$ M.               |              |
|------------------|-------------------|------------------------------|-------------|------------------|-------------------|------------------------------|--------------|
|                  | 2839 Jan 20 09:22 | 0° <b>≈</b>                  |             |                  | 2843 Nov 22 09:34 | 0° <b>∡</b> ¹                |              |
|                  | 2839 Feb 18 21:32 | 0° <b>∀</b>                  |             |                  | 2843 Dec 22 02:40 | 8°0                          |              |
|                  | 2839 Mar 20 16:02 | $0^{\circ}\mathbf{\Upsilon}$ |             | min. Earth dist. | 2844 Jan 19 08:44 | 28° <b>る</b> 44'38           | 0.98365 AU   |
|                  | 2839 Apr 19 21:10 | 0°8                          |             |                  | 2844 Jan 20 14:19 | 0° <b>≈</b>                  |              |
|                  | 2839 May 20 14:34 | 0°II                         |             |                  | 2844 Feb 19 02:31 | 0° <b>ℋ</b>                  |              |
|                  | ,                 | 0°©                          |             |                  |                   | 0° <b>Υ</b>                  |              |
| E 41 E 4         | 2839 Jun 20 18:31 |                              | 1.01/24 ATT |                  | 2844 Mar 19 21:02 |                              |              |
| max. Earth dist. | 2839 Jul 20 06:35 | 28° <b>©</b> 10'52           | 1.01634 AU  |                  | 2844 Apr 19 02:11 | 0° <b>8</b>                  |              |
|                  | 2839 Jul 22 04:21 | $0^{\circ}\Omega$            |             |                  | 2844 May 19 19:33 | $\Pi^{\circ}0$               |              |
|                  | 2839 Aug 22 13:37 | 0° m/                        |             |                  | 2844 Jun 19 23:28 | $0$ $\circ$ $\odot$          |              |
|                  | 2839 Sep 22 16:03 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2844 Jul 17 16:11 | 26° <b>©</b> 27'37           | 1.01631 AU   |
|                  | 2839 Oct 23 07:25 | $0^{\circ}$ M.               |             |                  | 2844 Jul 21 09:15 | $0 {\circ} \Omega$           |              |
|                  | 2839 Nov 22 10:35 | 0° <b>∡</b> ¹                |             |                  | 2844 Aug 21 18:30 | 0° <b>m</b> )                |              |
|                  | 2839 Dec 22 03:40 | 5°0                          |             |                  | 2844 Sep 21 20:55 | 0∘ <b>亚</b>                  |              |
| min. Earth dist. | 2840 Jan 17 00:26 | 26° <b>ප</b> 18'44           | 0.98362 AU  |                  | 2844 Oct 22 12:16 | 0°M                          |              |
|                  | 2840 Jan 20 15:19 | 0° <b>≈</b>                  |             |                  | 2844 Nov 21 15:26 | 0° <b>∡</b> ¹                |              |
|                  | 2840 Feb 19 03:28 | 0° <b>)</b> €                |             |                  | 2844 Dec 21 08:33 | 0°⋜                          |              |
|                  | 2840 Mar 19 21:56 | 0°Υ                          |             | min. Earth dist. | 2845 Jan 16 20:21 | 26° <b>る</b> 57'04           | 0.98362 AU   |
|                  | 2840 Apr 19 03:02 | 0°8                          |             | mm. Earth dist.  | 2845 Jan 19 20:13 | 0°≈                          | 0.90302 110  |
|                  |                   | 0°II                         |             |                  | 2845 Feb 18 08:24 | 0° <b>∺</b>                  |              |
|                  | 2840 May 19 20:23 |                              |             |                  |                   | 0°Υ                          |              |
|                  | 2840 Jun 20 00:19 | 0°©                          |             |                  | 2845 Mar 20 02:55 |                              |              |
| max. Earth dist. | 2840 Jul 19 04:12 | 27° <b>9</b> 51'21           | 1.01641 AU  |                  | 2845 Apr 19 08:05 | 0°B                          |              |
|                  | 2840 Jul 21 10:07 | $0 ^{\circ} \Omega$          |             |                  | 2845 May 20 01:28 | $\Pi$ °0                     |              |
|                  | 2840 Aug 21 19:23 | O° Mp                        |             |                  | 2845 Jun 20 05:23 | 0                            |              |
|                  | 2840 Sep 21 21:47 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2845 Jul 20 01:37 | 28° <b>©</b> 30'31           | 1.01633 AU   |
|                  | 2840 Oct 22 13:06 | 0°M                          |             |                  | 2845 Jul 21 15:07 | $0 {\circ} \Omega$           |              |
|                  | 2840 Nov 21 16:14 | 0° <b>∡</b> ¹                |             |                  | 2845 Aug 22 00:17 | O° Mp                        |              |
|                  | 2840 Dec 21 09:19 | 0°₹                          |             |                  | 2845 Sep 22 02:37 | 0∘ <b>ত</b>                  |              |
| min. Earth dist. | 2841 Jan 18 10:38 | 28° <b>る</b> 32'29           | 0.98367 AU  |                  | 2845 Oct 22 17:55 | 0°M                          |              |
|                  | 2841 Jan 19 21:00 | 0° <b>≈</b>                  |             |                  | 2845 Nov 21 21:03 | 0° <b>∡</b> ¹                |              |
|                  | 2841 Feb 18 09:11 | 0° <b>)</b> €                |             |                  | 2845 Dec 21 14:10 | 6°0                          |              |
|                  | 2841 Mar 20 03:42 | $_{0}^{\circ}\Upsilon$       |             | min. Earth dist. | 2846 Jan 17 02:29 | 26° <b>る</b> 58'06           | 0.98371 AU   |
|                  | 2841 Apr 19 08:49 | 0°8                          |             |                  | 2846 Jan 20 01:54 | 0° <b>≈</b>                  |              |
|                  | 2841 May 20 02:11 | 0°II                         |             |                  | 2846 Feb 18 14:08 | 0° <b>)</b> €                |              |
|                  | 2841 Jun 20 06:07 | 0°©                          |             |                  | 2846 Mar 20 08:41 | 0° <b>Υ</b>                  |              |
| max. Earth dist. | 2841 Jul 17 14:44 | 26° <b>©</b> 08'12           | 1.01635 AU  |                  |                   | 0°8                          |              |
| max. Earm dist.  |                   |                              | 1.01033 AU  |                  | 2846 Apr 19 13:50 | 0°II                         |              |
|                  | 2841 Jul 21 15:57 | $\Omega^{\circ}$ 0           |             |                  | 2846 May 20 07:12 |                              |              |
|                  | 2841 Aug 22 01:13 | 0° <b>т</b> р                |             | F                | 2846 Jun 20 11:05 | 0.22 ns                      | 1.01.604.477 |
|                  | 2841 Sep 22 03:38 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2846 Jul 18 06:44 |                              | 1.01634 AU   |
|                  | 2841 Oct 22 18:58 | 0°M                          |             |                  | 2846 Jul 21 20:51 | $0 {\circ} \Omega$           |              |
|                  | 2841 Nov 21 22:05 | 0° <b>∡</b>                  |             |                  | 2846 Aug 22 06:01 | O° My                        |              |
|                  | 2841 Dec 21 15:10 | 0°₹                          |             |                  | 2846 Sep 22 08:23 | 0∘ <b>ত</b>                  |              |
| min. Earth dist. | 2842 Jan 17 16:10 | 27° <b>る</b> 30'36           | 0.98365 AU  |                  | 2846 Oct 22 23:42 | 0°M                          |              |
|                  | 2842 Jan 20 02:52 | 0° <b>≈</b>                  |             |                  | 2846 Nov 22 02:52 | 0° <b>⊼</b>                  |              |
|                  | 2842 Feb 18 15:06 | 0° <b>∀</b>                  |             |                  | 2846 Dec 21 19:59 | ರ°0                          |              |
|                  | 2842 Mar 20 09:39 | $0^{\circ}\mathbf{\Upsilon}$ |             | min. Earth dist. | 2847 Jan 18 20:54 | 28° <b>る</b> 31'25           | 0.98366 AU   |
|                  | 2842 Apr 19 14:47 | 0° <b>႘</b>                  |             |                  | 2847 Jan 20 07:42 | 0° <b>≈</b>                  |              |
|                  | 2842 May 20 08:06 | $\Pi^{\circ}0$               |             |                  | 2847 Feb 18 19:55 | 0° <b>∀</b>                  |              |
|                  | 2842 Jun 20 11:57 | 0ಂತಾ                         |             |                  | 2847 Mar 20 14:25 | $0^{\circ}\Upsilon$          |              |
| max. Earth dist. | 2842 Jul 20 16:30 |                              | 1.01631 AU  |                  | 2847 Apr 19 19:31 | 0°8                          |              |
| max. Earth dist. | 2842 Jul 21 21:41 | 0° <b>Ω</b>                  | 1.01031710  |                  | 2847 May 20 12:51 | 0°II                         |              |
|                  |                   | 0° <b>m</b>                  |             |                  | •                 | 0°©                          |              |
|                  | 2842 Aug 22 06:53 | 0∘ <b>ত</b><br>رااا          |             | may Earth dist   | 2847 Jun 20 16:45 |                              | 1.01622 ATT  |
|                  | 2842 Sep 22 09:17 |                              |             | max. Earth dist. | 2847 Jul 19 17:14 | 27°5643'19                   | 1.01632 AU   |
|                  | 2842 Oct 23 00:38 | 0°M                          |             |                  | 2847 Jul 22 02:33 | 0°N                          |              |
|                  | 2842 Nov 22 03:48 | 0° <b>∡</b>                  |             |                  | 2847 Aug 22 11:49 | 0° <b>m</b>                  |              |
|                  | 2842 Dec 21 20:55 | 0°₹                          |             |                  | 2847 Sep 22 14:16 | 0∘ <b>ত</b>                  |              |
| min. Earth dist. | 2843 Jan 16 15:58 | 26° <b>る</b> 14'09           | 0.98370 AU  |                  | 2847 Oct 23 05:37 | 0°M₊                         |              |
|                  | 2843 Jan 20 08:38 | 0° <b>≈</b>                  |             |                  | 2847 Nov 22 08:47 | 0° <b>∡</b> ¹                |              |
|                  | 2843 Feb 18 20:53 | 0° <b>)</b> €                |             |                  | 2847 Dec 22 01:54 | <b>℃</b> 0                   |              |
|                  | 2843 Mar 20 15:27 | $0^{\circ}\mathbf{\Upsilon}$ |             | min. Earth dist. | 2848 Jan 17 01:02 | 26° <b>る</b> 24'45           | 0.98364 AU   |
|                  | 2843 Apr 19 20:35 | $9^{\circ}$ 8                |             |                  | 2848 Jan 20 13:35 | 0° <b>≈</b>                  |              |
|                  | 2843 May 20 13:53 | $\Pi^{\circ}0$               |             |                  | 2848 Feb 19 01:47 | 0° <b>)</b>                  |              |
|                  | 2843 Jun 20 17:42 | 0ಂತಾ                         |             |                  | 2848 Mar 19 20:17 | $0^{\circ}\mathbf{\Upsilon}$ |              |
| max. Earth dist. | 2843 Jul 19 08:18 | 27°©19'53                    | 1.01634 AU  |                  | 2848 Apr 19 01:23 | 0°8                          |              |
|                  | 2843 Jul 22 03:24 | 0°N                          | -           |                  | 2848 May 19 18:42 | 0°Щ                          |              |
|                  | 2843 Aug 22 12:35 | 0° mp                        |             |                  | 2848 Jun 19 22:35 | 0°©                          |              |
|                  | 2843 Sep 22 15:00 | 0° <del>ت</del>              |             | max. Earth dist. | 2848 Jul 19 12:49 |                              | 1.01640 AU   |
|                  | 20.0 Sep 22 15.00 | · <b>–</b>                   |             | mas. Darm dist.  | 2010 Val 17 12.77 | 20 -1004                     | 1.010+0 AU   |

|                  | 2848 Jul 21 08:22 | 0°N                          |             |                  | 2853 May 19 23:51 | 0° <b>Π</b>                  |             |
|------------------|-------------------|------------------------------|-------------|------------------|-------------------|------------------------------|-------------|
|                  | 2848 Aug 21 17:38 | 0° <b>m</b>                  |             | P 4 P            | 2853 Jun 20 03:43 | 0.22                         |             |
|                  | 2848 Sep 21 20:03 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2853 Jul 20 09:21 |                              | 1.01635 AU  |
|                  | 2848 Oct 22 11:23 | 0°M                          |             |                  | 2853 Jul 21 13:29 | 0° <b>Ω</b>                  |             |
|                  | 2848 Nov 21 14:31 | 0° <b>∡</b>                  |             |                  | 2853 Aug 21 22:44 | 0° <b>m</b>                  |             |
|                  | 2848 Dec 21 07:35 | 0°る                          | 0.00065.444 |                  | 2853 Sep 22 01:10 | 0∘ <b>亚</b>                  |             |
| min. Earth dist. | 2849 Jan 17 21:36 | 28° <b>⋜</b> 03'47           | 0.98367 AU  |                  | 2853 Oct 22 16:33 | 0°M                          |             |
|                  | 2849 Jan 19 19:14 | 0° <b>≈</b>                  |             |                  | 2853 Nov 21 19:45 | 0° <b>⊼</b>                  |             |
|                  | 2849 Feb 18 07:25 | 0° <b>)</b> €                |             |                  | 2853 Dec 21 12:54 | 0°る                          |             |
|                  | 2849 Mar 20 01:57 | 0° <b>Υ</b>                  |             | min. Earth dist. | 2854 Jan 16 16:19 |                              | 0.98371 AU  |
|                  | 2849 Apr 19 07:06 | 0°8                          |             |                  | 2854 Jan 20 00:39 | 0° <b>≈</b>                  |             |
|                  | 2849 May 20 00:27 | 0°II                         |             |                  | 2854 Feb 18 12:53 | 0° <b>)</b> €                |             |
|                  | 2849 Jun 20 04:23 | 0°©                          |             |                  | 2854 Mar 20 07:24 | 0° <b>Υ</b>                  |             |
| max. Earth dist. | 2849 Jul 17 15:24 | 26°©13'55                    | 1.01636 AU  |                  | 2854 Apr 19 12:28 | 0°8                          |             |
|                  | 2849 Jul 21 14:11 | 0° <b>N</b>                  |             |                  | 2854 May 20 05:44 | 0°II                         |             |
|                  | 2849 Aug 21 23:28 | 0° <b>m</b>                  |             |                  | 2854 Jun 20 09:32 | 0°50                         |             |
|                  | 2849 Sep 22 01:55 | 0ಂ <b>ಹ</b>                  |             | max. Earth dist. | 2854 Jul 18 19:11 | 27° <b>©</b> 08'04           | 1.01635 AU  |
|                  | 2849 Oct 22 17:17 | 0°M₊                         |             |                  | 2854 Jul 21 19:15 | $0$ $^{\circ}$ $\Omega$      |             |
|                  | 2849 Nov 21 20:27 | 0° <b>∡</b>                  |             |                  | 2854 Aug 22 04:29 | 0° <b>m</b> )                |             |
|                  | 2849 Dec 21 13:31 | 0° <b>ろ</b>                  |             |                  | 2854 Sep 22 06:56 | 0∘ <b>ত</b>                  |             |
| min. Earth dist. | 2850 Jan 18 00:01 | 27° <b>る</b> 54'53           | 0.98361 AU  |                  | 2854 Oct 22 22:22 | 0°M₊                         |             |
|                  | 2850 Jan 20 01:10 | 0° <b>≈</b>                  |             |                  | 2854 Nov 22 01:36 | 0°⊀                          |             |
|                  | 2850 Feb 18 13:21 | 0° <b>∀</b>                  |             |                  | 2854 Dec 21 18:46 | 0°₹                          |             |
|                  | 2850 Mar 20 07:52 | $0^{\circ}\mathbf{\Upsilon}$ |             | min. Earth dist. | 2855 Jan 19 02:46 | 28° <b>る</b> 49'27           | 0.98366 AU  |
|                  | 2850 Apr 19 12:59 | $9^{\circ}$ 8                |             |                  | 2855 Jan 20 06:29 | 0° <b>≈</b>                  |             |
|                  | 2850 May 20 06:19 | $\Pi^{\circ}0$               |             |                  | 2855 Feb 18 18:40 | 0° <b>∀</b>                  |             |
|                  | 2850 Jun 20 10:12 | $0$ $\circ$ $\odot$          |             |                  | 2855 Mar 20 13:09 | $0^{\circ}\mathbf{\Upsilon}$ |             |
| max. Earth dist. | 2850 Jul 20 10:53 | 28° <b>©</b> 41'07           | 1.01631 AU  |                  | 2855 Apr 19 18:12 | 0°8                          |             |
|                  | 2850 Jul 21 19:57 | $0^{\circ}\Omega$            |             |                  | 2855 May 20 11:28 | $\Pi$ $^{\circ}0$            |             |
|                  | 2850 Aug 22 05:11 | O° <b>m</b>                  |             |                  | 2855 Jun 20 15:17 | 0                            |             |
|                  | 2850 Sep 22 07:38 | 0∘ <b>ত</b>                  |             | max. Earth dist. | 2855 Jul 19 07:14 | 27° <b>©</b> 23'07           | 1.01630 AU  |
|                  | 2850 Oct 22 23:03 | 0°M                          |             |                  | 2855 Jul 22 01:02 | $0 {\circ} \Omega$           |             |
|                  | 2850 Nov 22 02:17 | 0° <b>∡</b>                  |             |                  | 2855 Aug 22 10:18 | 0°Щ                          |             |
|                  | 2850 Dec 21 19:25 | 0° <b>ろ</b>                  |             |                  | 2855 Sep 22 12:49 | 0∘ <b>⊽</b>                  |             |
| min. Earth dist. | 2851 Jan 16 16:55 | 26° <b>පි</b> 20'30          | 0.98366 AU  |                  | 2855 Oct 23 04:18 | 0°M₊                         |             |
|                  | 2851 Jan 20 07:07 | 0° <b>≈</b>                  |             |                  | 2855 Nov 22 07:35 | 0° <b>∡</b>                  |             |
|                  | 2851 Feb 18 19:17 | 0° <b>∀</b>                  |             |                  | 2855 Dec 22 00:46 | 0°る                          |             |
|                  | 2851 Mar 20 13:45 | 0° <b>Υ</b>                  |             | min. Earth dist. | 2856 Jan 17 10:12 |                              | 0.98363 AU  |
|                  | 2851 Apr 19 18:49 | 0°8                          |             |                  | 2856 Jan 20 12:28 | 0° <b>≈</b>                  |             |
|                  | 2851 May 20 12:07 | 0° <b>I</b> I                |             |                  | 2856 Feb 19 00:38 | 0° <b>∀</b>                  |             |
|                  | 2851 Jun 20 15:58 | 0° <b>©</b>                  |             |                  | 2856 Mar 19 19:05 | 0° <b>Y</b>                  |             |
| max. Earth dist. | 2851 Jul 19 16:12 | 27°5642'46                   | 1.01637 AU  |                  | 2856 Apr 19 00:08 | 0°B                          |             |
|                  | 2851 Jul 22 01:42 | $0^{\circ}\Omega$            |             |                  | 2856 May 19 17:24 | $\Pi$ °0                     |             |
|                  | 2851 Aug 22 10:56 | 0° <b>m</b> )                |             |                  | 2856 Jun 19 21:13 | 0° <b>©</b>                  |             |
|                  | 2851 Sep 22 13:24 | 0ಂ <b>ಹ</b>                  |             | max. Earth dist. | 2856 Jul 19 21:04 | 28° <b>©</b> 39'09           | 1.01636 AU  |
|                  | 2851 Oct 23 04:50 | 0° <b>M</b>                  |             |                  | 2856 Jul 21 06:57 | $0$ $\circ$ $\Omega$         |             |
|                  | 2851 Nov 22 08:05 | 0° <b>∡</b>                  |             |                  | 2856 Aug 21 16:11 | 0° my                        |             |
|                  | 2851 Dec 22 01:13 | 0° <b>ろ</b>                  |             |                  | 2856 Sep 21 18:38 | 0∘ <b>⊽</b>                  |             |
| min. Earth dist. | 2852 Jan 19 12:55 | 28°₹58'55                    | 0.98364 AU  |                  | 2856 Oct 22 10:03 | 0° <b>™</b>                  |             |
|                  | 2852 Jan 20 12:54 | 0° <b>≈</b>                  |             |                  | 2856 Nov 21 13:17 | 0° <b>∡</b>                  |             |
|                  | 2852 Feb 19 01:02 | 0° <b>∀</b>                  |             |                  | 2856 Dec 21 06:27 | 0°ಕ                          |             |
|                  | 2852 Mar 19 19:28 | 0°Υ                          |             | min. Earth dist. | 2857 Jan 17 16:42 |                              | 0.98369 AU  |
|                  | 2852 Apr 19 00:30 | 0°8                          |             |                  | 2857 Jan 19 18:09 | 0° <b>≈</b>                  |             |
|                  | 2852 May 19 17:49 | $\Pi^{\circ}0$               |             |                  | 2857 Feb 18 06:19 | 0° <b>∀</b>                  |             |
|                  | 2852 Jun 19 21:44 | 0ංම                          |             |                  | 2857 Mar 20 00:48 | 0° <b>Y</b>                  |             |
| max. Earth dist. | 2852 Jul 17 11:30 | 26° <b>©</b> 20'29           | 1.01636 AU  |                  | 2857 Apr 19 05:52 | 0°8                          |             |
|                  | 2852 Jul 21 07:34 | $0$ $^{\circ}\Omega$         |             |                  | 2857 May 19 23:10 | 0°Щ                          |             |
|                  | 2852 Aug 21 16:53 | 0° <b>т</b> )                |             |                  | 2857 Jun 20 03:01 | 0°95                         |             |
|                  | 2852 Sep 21 19:22 | 0° <b>™</b>                  |             | max. Earth dist. | 2857 Jul 17 19:31 | 26°927'04                    | 1.01634 AU  |
|                  | 2852 Oct 22 10:48 | 0°M                          |             |                  | 2857 Jul 21 12:47 | $\Omega^{\circ}\Omega$       |             |
|                  | 2852 Nov 21 14:01 | 0°⊀                          |             |                  | 2857 Aug 21 22:01 | 0° <b>m</b> y                |             |
|                  | 2852 Dec 21 07:10 | 0°る                          | 0.007.55    |                  | 2857 Sep 22 00:27 | 0∘ <b>亚</b>                  |             |
| min. Earth dist. | 2853 Jan 17 05:59 | 27° <b>る</b> 25'02           | 0.98362 AU  |                  | 2857 Oct 22 15:52 | 0°M                          |             |
|                  | 2853 Jan 19 18:52 | 0° <b>≈</b>                  |             |                  | 2857 Nov 21 19:06 | 0°⊀<br>0°₹                   |             |
|                  | 2853 Feb 18 07:03 | 0° <b>∀</b>                  |             | t m a tr         | 2857 Dec 21 12:17 | 0°る                          | 0.00266 177 |
|                  | 2853 Mar 20 01:30 | 0°Υ<br>0°Σ                   |             | min. Earth dist. | 2858 Jan 18 10:49 | 28° <b>る</b> 25'19           | 0.98366 AU  |
|                  | 2853 Apr 19 06:34 | 0° <b>8</b>                  |             |                  | 2858 Jan 20 00:01 | 0° <b>≈</b>                  |             |

|                     | 2858 Feb 18 12:13                      | 0° <b>)</b> €                 |            |                      | 2862 Dec 21 17:16                      | 0°₹                                 |             |
|---------------------|--|-------------------------------|------------|----------------------|--|-------------------------------------|-------------|
|                     | 2858 Mar 20 06:42                      | 0° <b>Υ</b>                   |            | min. Earth dist.     | 2863 Jan 19 09:09                      | 00<br>29° <b>ろ</b> 09'34            | 0.98364 AU  |
|                     | 2858 Apr 19 11:45                      | 0°8                           |            | mm. Larm dist.       | 2863 Jan 20 04:58                      | 0°≈                                 | 0.70504710  |
|                     | 2858 May 20 05:01                      | 0°II                          |            |                      | 2863 Feb 18 17:05                      | 0° <b>∀</b>                         |             |
|                     | 2858 Jun 20 08:50                      | 0°9                           |            |                      | 2863 Mar 20 11:28                      | 0° <b>Υ</b>                         |             |
| max. Earth dist.    | 2858 Jul 20 02:40                      | 28° <b>©</b> 24'52            | 1.01628 AU |                      | 2863 Apr 19 16:27                      | 0°8                                 |             |
| man. Barur dige.    | 2858 Jul 21 18:34                      | 0°Ω                           | 1.01020110 |                      | 2863 May 20 09:40                      | 0°II                                |             |
|                     | 2858 Aug 22 03:47                      | 0° <b>m</b> )                 |            |                      | 2863 Jun 20 13:30                      | 0°9                                 |             |
|                     | 2858 Sep 22 06:13                      | 0∘ <b>⊽</b>                   |            | max. Earth dist.     | 2863 Jul 18 16:06                      | 26° <b>©</b> 51'13                  | 1.01633 AU  |
|                     | 2858 Oct 22 21:38                      | 0°M                           |            |                      | 2863 Jul 21 23:16                      | $0^{\circ}\Omega$                   |             |
|                     | 2858 Nov 22 00:54                      | 0° <b>⊼</b> ¹                 |            |                      | 2863 Aug 22 08:35                      | 0° m)                               |             |
|                     | 2858 Dec 21 18:06                      | 6°0                           |            |                      | 2863 Sep 22 11:08                      | $0$ o $\dot{\overline{\mathbf{v}}}$ |             |
| min. Earth dist.    | 2859 Jan 16 17:39                      | 26° <b>る</b> 25'33            | 0.98370 AU |                      | 2863 Oct 23 02:39                      | 0°M                                 |             |
|                     | 2859 Jan 20 05:52                      | 0° <b>≈</b>                   |            |                      | 2863 Nov 22 05:59                      | 0° <b>⊼</b> ¹                       |             |
|                     | 2859 Feb 18 18:05                      | 0° <b>∀</b>                   |            |                      | 2863 Dec 21 23:12                      | 0°రె                                |             |
|                     | 2859 Mar 20 12:34                      | $0^{\circ}\mathbf{\Upsilon}$  |            | min. Earth dist.     | 2864 Jan 17 20:15                      | 27° <b>る</b> 20'28                  | 0.98362 AU  |
|                     | 2859 Apr 19 17:35                      | 0°8                           |            |                      | 2864 Jan 20 10:55                      | 0° <b>≈</b>                         |             |
|                     | 2859 May 20 10:48                      | $\Pi^{\circ}0$                |            |                      | 2864 Feb 18 23:03                      | 0° <b>)</b> €                       |             |
|                     | 2859 Jun 20 14:35                      | $0$ $\circ$ $\odot$           |            |                      | 2864 Mar 19 17:25                      | $0$ ° $\Upsilon$                    |             |
| max. Earth dist.    | 2859 Jul 20 02:22                      | 28° <b>©</b> 10'24            | 1.01636 AU |                      | 2864 Apr 18 22:21                      | 0°8                                 |             |
|                     | 2859 Jul 22 00:17                      | $0^{\circ}\Omega$             |            |                      | 2864 May 19 15:33                      | $\Pi$ $^{\circ}0$                   |             |
|                     | 2859 Aug 22 09:31                      | O° Mp                         |            |                      | 2864 Jun 19 19:22                      | $0$ $\circ$ $\odot$                 |             |
|                     | 2859 Sep 22 11:59                      | 0∘ <b>ত</b>                   |            | max. Earth dist.     | 2864 Jul 20 03:05                      | 28° <b>©</b> 57'53                  | 1.01638 AU  |
|                     | 2859 Oct 23 03:24                      | $0^{\circ}$ M,                |            |                      | 2864 Jul 21 05:08                      | $0 ^{\circ} \Omega$                 |             |
|                     | 2859 Nov 22 06:39                      | 0° <b>∡</b> ¹                 |            |                      | 2864 Aug 21 14:25                      | O° Mp                               |             |
|                     | 2859 Dec 21 23:48                      | 0°ප                           |            |                      | 2864 Sep 21 16:55                      | 0∘ <b>ত</b>                         |             |
| min. Earth dist.    | 2860 Jan 19 06:07                      | 28° <b>る</b> 45'10            | 0.98368 AU |                      | 2864 Oct 22 08:23                      | 0°M                                 |             |
|                     | 2860 Jan 20 11:30                      | 0° <b>≈</b>                   |            |                      | 2864 Nov 21 11:39                      | 0° <b>√</b>                         |             |
|                     | 2860 Feb 18 23:41                      | 0° <b>∀</b>                   |            |                      | 2864 Dec 21 04:51                      | 0°る                                 |             |
|                     | 2860 Mar 19 18:08                      | $0^{\circ}\mathbf{\Upsilon}$  |            | min. Earth dist.     | 2865 Jan 17 05:07                      | 27° <b>る</b> 28'30                  | 0.98370 AU  |
|                     | 2860 Apr 18 23:11                      | 0°B                           |            |                      | 2865 Jan 19 16:35                      | 0° <b>≈</b>                         |             |
|                     | 2860 May 19 16:26                      | 0° <b>Ⅱ</b>                   |            |                      | 2865 Feb 18 04:46                      | 0° <b>∀</b>                         |             |
|                     | 2860 Jun 19 20:17                      | 0.20                          |            |                      | 2865 Mar 19 23:11                      | 0° <b>Υ</b>                         |             |
| max. Earth dist.    | 2860 Jul 17 10:57                      | 26° <b>©</b> 22'42            | 1.01635 AU |                      | 2865 Apr 19 04:09                      | 0° <b>8</b>                         |             |
|                     | 2860 Jul 21 06:05                      | $\Omega^{\circ}\Omega$        |            |                      | 2865 May 19 21:21                      | 0°II                                |             |
|                     | 2860 Aug 21 15:23                      | 0° <b>m</b>                   |            | E 4 E 4              | 2865 Jun 20 01:08                      | 0°©                                 | 1.01/27.411 |
|                     | 2860 Sep 21 17:54                      | 0∘ <b>⊽</b>                   |            | max. Earth dist.     | 2865 Jul 18 05:31                      | 26°955'27                           | 1.01637 AU  |
|                     | 2860 Oct 22 09:21                      | 0°M                           |            |                      | 2865 Jul 21 10:53                      | 0° <b>N</b>                         |             |
|                     | 2860 Nov 21 12:34                      | 0°⊀<br>0° <b>=</b>            |            |                      | 2865 Aug 21 20:10                      | 0° <b>m</b><br>0° <b>0</b>          |             |
| min. Earth dist.    | 2860 Dec 21 05:42<br>2861 Jan 17 11:54 | 0°る<br>27°る43'53              | 0.98362 AU |                      | 2865 Sep 21 22:42<br>2865 Oct 22 14:10 | 0° <b>™</b><br>0° <b>亚</b>          |             |
| iiiii. Eartii tist. | 2861 Jan 19 17:22                      | 27 <b>⊙</b> 43 33             | 0.98302 AU |                      | 2865 Nov 21 17:27                      | 0° <b>⊼</b> ¹                       |             |
|                     | 2861 Feb 18 05:32                      | 0 <b>≈</b>                    |            |                      | 2865 Dec 21 10:39                      | 0°る                                 |             |
|                     | 2861 Mar 19 24:00                      | 0° <b>Υ</b>                   |            | min. Earth dist.     | 2866 Jan 18 17:34                      | 28° <b>පි</b> 46'36                 | 0.98367 AU  |
|                     | 2861 Apr 19 05:04                      | 0°8                           |            | iiiii. Lattii tiist. | 2866 Jan 19 22:24                      | 20 <b>⊙</b> 40 30                   | 0.76307 AO  |
|                     | 2861 May 19 22:21                      | 0°II                          |            |                      | 2866 Feb 18 10:36                      | 0° <b>∀</b>                         |             |
|                     | 2861 Jun 20 02:11                      | 0°©                           |            |                      | 2866 Mar 20 05:04                      | 0°Υ                                 |             |
| max. Earth dist.    | 2861 Jul 20 10:13                      | 28° <b>©</b> 58'41            | 1.01633 AU |                      | 2866 Apr 19 10:03                      | 0°8                                 |             |
|                     | 2861 Jul 21 11:56                      | 0°N                           |            |                      | 2866 May 20 03:13                      | 0°II                                |             |
|                     | 2861 Aug 21 21:10                      | 0° <b>m</b>                   |            |                      | 2866 Jun 20 06:57                      | 0°€                                 |             |
|                     | 2861 Sep 21 23:38                      | $0$ o $\overline{\mathbf{v}}$ |            | max. Earth dist.     | 2866 Jul 19 21:18                      | 28°©16'41                           | 1.01628 AU  |
|                     | 2861 Oct 22 15:03                      | 0°M                           |            |                      | 2866 Jul 21 16:38                      | $0^{\circ}\Omega$                   |             |
|                     | 2861 Nov 21 18:18                      | 0° <b>∡</b> ¹                 |            |                      | 2866 Aug 22 01:53                      | 0° <b>m</b>                         |             |
|                     | 2861 Dec 21 11:27                      | 0°రె                          |            |                      | 2866 Sep 22 04:26                      | 0∘ <b>ত</b>                         |             |
| min. Earth dist.    | 2862 Jan 16 10:29                      | 26° <b>පි</b> 24'23           | 0.98367 AU |                      | 2866 Oct 22 19:57                      | 0°M                                 |             |
|                     | 2862 Jan 19 23:08                      | 0° <b>≈</b>                   |            |                      | 2866 Nov 21 23:17                      | 0° <b>∡</b> ¹                       |             |
|                     | 2862 Feb 18 11:19                      | 0° <b>)</b> €                 |            |                      | 2866 Dec 21 16:32                      | 8°0                                 |             |
|                     | 2862 Mar 20 05:47                      | $0$ ° $\mathbf{\Upsilon}$     |            | min. Earth dist.     | 2867 Jan 16 21:31                      | 26° <b>る</b> 39'27                  | 0.98368 AU  |
|                     | 2862 Apr 19 10:50                      | $9^{\circ}$ 8                 |            |                      | 2867 Jan 20 04:17                      | 0° <b>≈</b>                         |             |
|                     | 2862 May 20 04:06                      | $\Pi^{\circ}0$                |            |                      | 2867 Feb 18 16:29                      | 0° <b>)</b> €                       |             |
|                     | 2862 Jun 20 07:54                      | 0°©                           |            |                      | 2867 Mar 20 10:56                      | $0^{\circ}\mathbf{\Upsilon}$        |             |
| max. Earth dist.    | 2862 Jul 19 02:07                      | 27° <b>5</b> 28'29            | 1.01636 AU |                      | 2867 Apr 19 15:55                      | $9^{\circ}$ 8                       |             |
|                     | 2862 Jul 21 17:37                      | $0^{\circ}\Omega$             |            |                      | 2867 May 20 09:05                      | $\Pi$ $^{\circ}0$                   |             |
|                     | 2862 Aug 22 02:50                      | 0° <b>m</b>                   |            |                      | 2867 Jun 20 12:48                      | $0$ $\circ$ $6$                     |             |
|                     | 2862 Sep 22 05:19                      | 0∘ <b>ত</b>                   |            | max. Earth dist.     | 2867 Jul 20 13:22                      | 28° <b>5</b> 41'03                  | 1.01633 AU  |
|                     | 2862 Oct 22 20:47                      | 0° <b>M</b> -                 |            |                      | 2867 Jul 21 22:27                      | $0^{\circ}\Omega$                   |             |
|                     | 2862 Nov 22 00:04                      | 0° <b>∡</b> 7                 |            |                      | 2867 Aug 22 07:40                      | 0° <b>m</b>                         |             |
|                     |  |                               |            |                      |  |                                     |             |

|                   | 2867 Sep 22 10:11 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2872 Jul 20 08:34 |                              | 1.01637 AU |
|-------------------|-------------------|------------------------------|-------------|------------------|-------------------|------------------------------|------------|
|                   | 2867 Oct 23 01:43 | 0°M₊                         |             |                  | 2872 Jul 21 03:37 | $0^{\circ}\Omega$            |            |
|                   | 2867 Nov 22 05:03 | 0° <b>∡</b>                  |             |                  | 2872 Aug 21 12:55 | 0° <b>m</b>                  |            |
|                   | 2867 Dec 21 22:16 | 0°ප                          |             |                  | 2872 Sep 21 15:29 | 0∘ <b>⊽</b>                  |            |
| min. Earth dist.  | 2868 Jan 19 01:56 | 28° <b>る</b> 38'24           | 0.98368 AU  |                  | 2872 Oct 22 07:00 | $0^{\circ}$ M.               |            |
|                   | 2868 Jan 20 09:59 | 0° <b>≈</b>                  |             |                  | 2872 Nov 21 10:18 | 0° <b>∡</b> ¹                |            |
|                   | 2868 Feb 18 22:08 | 0° <b>)</b> €                |             |                  | 2872 Dec 21 03:29 | 0°る                          |            |
|                   | 2868 Mar 19 16:33 | $0^{\circ}\mathbf{\Upsilon}$ |             | min. Earth dist. | 2873 Jan 16 14:13 | 26° <b>පි</b> 54'08          | 0.98367 AU |
|                   | 2868 Apr 18 21:32 | 0°8                          |             |                  | 2873 Jan 19 15:11 | 0° <b>≈</b>                  |            |
|                   | 2868 May 19 14:45 | $0^{\circ}\Pi$               |             |                  | 2873 Feb 18 03:20 | 0° <b>∀</b>                  |            |
|                   | 2868 Jun 19 18:33 | 0°€                          |             |                  | 2873 Mar 19 21:45 | $_{0}$ $^{\circ}$ $\Upsilon$ |            |
| max. Earth dist.  | 2868 Jul 17 12:09 | 26°529'48                    | 1.01633 AU  |                  | 2873 Apr 19 02:43 | 0°8                          |            |
|                   | 2868 Jul 21 04:17 | 0°N                          |             |                  | 2873 May 19 19:55 | 0°Щ                          |            |
|                   | 2868 Aug 21 13:33 | 0° <b>m</b>                  |             |                  | 2873 Jun 19 23:41 | 0.ee                         |            |
|                   | 2868 Sep 21 16:06 | 0∘ <mark>ಹ</mark><br>ಂ.ಗ     |             | max. Earth dist. | 2873 Jul 18 13:50 | 27° <b>©</b> 18'47           | 1.01638 AU |
|                   | 2868 Oct 22 07:37 | 0° <b>M</b> ₊                |             | max. Earth dist. | 2873 Jul 21 09:25 | 0°Ω                          | 1.01030710 |
|                   | 2868 Nov 21 10:57 | 0° <b>⊼</b> ¹                |             |                  | 2873 Aug 21 18:43 | 0°m)                         |            |
|                   |                   | 0°る                          |             |                  | •                 | 0∘ <del>ত</del><br>بالل      |            |
| i E d Ed          | 2868 Dec 21 04:10 |                              | 0.002/2.411 |                  | 2873 Sep 21 21:17 |                              |            |
| min. Earth dist.  | 2869 Jan 17 23:41 | 28° <b>♂</b> 17'41           | 0.98363 AU  |                  | 2873 Oct 22 12:50 | 0°M<br>0°. <b>₹</b>          |            |
|                   | 2869 Jan 19 15:53 | 0° <b>≈</b>                  |             |                  | 2873 Nov 21 16:10 | 0° <b>⊼</b>                  |            |
|                   | 2869 Feb 18 04:02 | 0° <b>∀</b>                  |             |                  | 2873 Dec 21 09:23 | 0°る                          |            |
|                   | 2869 Mar 19 22:27 | 0° <b>Υ</b>                  |             | min. Earth dist. | 2874 Jan 18 23:46 | 29° <b>る</b> 05'45           | 0.98363 AU |
|                   | 2869 Apr 19 03:27 | 0°B                          |             |                  | 2874 Jan 19 21:05 | 0° <b>≈</b>                  |            |
|                   | 2869 May 19 20:41 | $\Pi^{\circ}0$               |             |                  | 2874 Feb 18 09:13 | 0° <b>∀</b>                  |            |
|                   | 2869 Jun 20 00:30 | 0ංම                          |             |                  | 2874 Mar 20 03:36 | $0^{\circ}$ $\Upsilon$       |            |
| max. Earth dist.  | 2869 Jul 20 05:42 | 28° <b>©</b> 51'59           | 1.01630 AU  |                  | 2874 Apr 19 08:33 | 0°8                          |            |
|                   | 2869 Jul 21 10:13 | $0 {\circ} \Omega$           |             |                  | 2874 May 20 01:42 | $\Pi$ $\circ 0$              |            |
|                   | 2869 Aug 21 19:27 | O° <b>m</b> p                |             |                  | 2874 Jun 20 05:27 | 0                            |            |
|                   | 2869 Sep 21 21:55 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2874 Jul 19 06:07 | 27° <b>©</b> 44'01           | 1.01629 AU |
|                   | 2869 Oct 22 13:23 | 0° <b>M</b> .                |             |                  | 2874 Jul 21 15:09 | $0 {\circ} \Omega$           |            |
|                   | 2869 Nov 21 16:41 | 0° <b>∡¹</b>                 |             |                  | 2874 Aug 22 00:26 | 0° <b>m</b>                  |            |
|                   | 2869 Dec 21 09:55 | 0°ರ                          |             |                  | 2874 Sep 22 03:02 | 0∘ <b>ত</b>                  |            |
| min. Earth dist.  | 2870 Jan 16 11:07 | 26° <b>る</b> 29'44           | 0.98370 AU  |                  | 2874 Oct 22 18:38 | $0^{\circ}$ M.               |            |
|                   | 2870 Jan 19 21:42 | 0° <b>≈</b>                  |             |                  | 2874 Nov 21 22:03 | 0° <b>∡</b> ¹                |            |
|                   | 2870 Feb 18 09:54 | 0° <b>∀</b>                  |             |                  | 2874 Dec 21 15:20 | ರ°0                          |            |
|                   | 2870 Mar 20 04:20 | $0$ ° $\mathbf{\Upsilon}$    |             | min. Earth dist. | 2875 Jan 17 07:20 | 27° <b>る</b> 07'30           | 0.98364 AU |
|                   | 2870 Apr 19 09:20 | $6^{\circ}B$                 |             |                  | 2875 Jan 20 03:05 | 0° <b>≈</b>                  |            |
|                   | 2870 May 20 02:32 | $\Pi^{\circ}0$               |             |                  | 2875 Feb 18 15:13 | 0° <b>∀</b>                  |            |
|                   | 2870 Jun 20 06:18 | 0°ಅ                          |             |                  | 2875 Mar 20 09:34 | $0^{\circ}\mathbf{\Upsilon}$ |            |
| max. Earth dist.  | 2870 Jul 19 10:38 |                              | 1.01635 AU  |                  | 2875 Apr 19 14:28 | 0°8                          |            |
|                   | 2870 Jul 21 15:59 | $0^{\circ}\Omega$            |             |                  | 2875 May 20 07:34 | $\Pi^{\circ}0$               |            |
|                   | 2870 Aug 22 01:13 | 0° <b>m</b> )                |             |                  | 2875 Jun 20 11:18 | 0°€                          |            |
|                   | 2870 Sep 22 03:42 | 0∘ <del>⊽</del>              |             | max. Earth dist. | 2875 Jul 20 20:55 | 29° <b>©</b> 02'35           | 1.01635 AU |
|                   | 2870 Oct 22 19:11 | 0° <b>M</b>                  |             |                  | 2875 Jul 21 20:59 | $0^{\circ}\Omega$            |            |
|                   | 2870 Nov 21 22:30 | 0° <b>∡</b> 7                |             |                  | 2875 Aug 22 06:15 | 0° <b>m</b> )                |            |
|                   | 2870 Dec 21 15:45 | 0° <b>ठ</b>                  |             |                  | 2875 Sep 22 08:49 | 0∘ <b>ರ</b><br>∘ .ಚ          |            |
| min. Earth dist.  | 2871 Jan 19 10:03 |                              | 0.98368 AU  |                  | 2875 Oct 23 00:25 | 0°M                          |            |
| min. Luttii dist. | 2871 Jan 20 03:30 | 0°≈                          | 0.90300710  |                  | 2875 Nov 22 03:49 | 0° <b>∡</b> 7                |            |
|                   | 2871 Feb 18 15:40 | 0° <b>₩</b>                  |             |                  | 2875 Dec 21 21:06 | °ਤੇ                          |            |
|                   | 2871 Mar 20 10:03 | 0° <b>Υ</b>                  |             | min. Earth dist. | 2876 Jan 18 21:39 | 28° <b>る</b> 30'23           | 0.98369 AU |
|                   | 2871 Apr 19 14:59 | 0°8                          |             | mm. Earm dist.   | 2876 Jan 20 08:50 | 28 <b>3</b> 0 23 0 23        | 0.98309 AU |
|                   | 2871 May 20 08:09 | 0°II                         |             |                  | 2876 Feb 18 20:57 | 0 <b>∞</b><br>0° <b>∀</b>    |            |
|                   | •                 |                              |             |                  |                   | 0° <b>Υ</b>                  |            |
| D. d. U.          | 2871 Jun 20 11:55 | 0.ee                         | 1.01/24.411 |                  | 2876 Mar 19 15:17 |                              |            |
| max. Earth dist.  | 2871 Jul 18 11:05 | 26°543'03                    | 1.01634 AU  |                  | 2876 Apr 18 20:09 | 0° <b>8</b>                  |            |
|                   | 2871 Jul 21 21:41 | $0^{\circ}\Omega$            |             |                  | 2876 May 19 13:16 | 0°II                         |            |
|                   | 2871 Aug 22 07:01 | 0° <b>m</b> )                |             |                  | 2876 Jun 19 17:00 | 0.22                         |            |
|                   | 2871 Sep 22 09:37 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2876 Jul 17 18:19 | 26° <b>©</b> 48'08           | 1.01636 AU |
|                   | 2871 Oct 23 01:09 | 0° <b>M</b> ₊                |             |                  | 2876 Jul 21 02:46 | 0° <b>N</b>                  |            |
|                   | 2871 Nov 22 04:30 | 0° <b>∡</b>                  |             |                  | 2876 Aug 21 12:05 | 0° <b>m</b>                  |            |
|                   | 2871 Dec 21 21:43 | 0°₹                          |             |                  | 2876 Sep 21 14:41 | 0∘ <b>亚</b>                  |            |
| min. Earth dist.  | 2872 Jan 18 01:26 |                              | 0.98362 AU  |                  | 2876 Oct 22 06:16 | 0°M₊                         |            |
|                   | 2872 Jan 20 09:26 | 0° <b>≈</b>                  |             |                  | 2876 Nov 21 09:40 | 0°⊀                          |            |
|                   | 2872 Feb 18 21:34 | 0° <b>∀</b>                  |             |                  | 2876 Dec 21 02:56 | 0°ರ                          |            |
|                   | 2872 Mar 19 15:58 | $0$ ° $\mathbf{\gamma}$      |             | min. Earth dist. | 2877 Jan 18 10:12 | 28° <b>る</b> 47'28           | 0.98365 AU |
|                   | 2872 Apr 18 20:54 | $0^{\circ}S$                 |             |                  | 2877 Jan 19 14:42 | 0° <b>≈</b>                  |            |
|                   | 2872 May 19 14:04 | $\Pi^{\circ}0$               |             |                  | 2877 Feb 18 02:51 | 0° <b>)</b> €                |            |
|                   | 2872 Jun 19 17:51 | 0ංම                          |             |                  | 2877 Mar 19 21:13 | $0^{\circ}\Upsilon$          |            |
|                   |                   |                              |             |                  |                   |                              |            |

|                     | 2077 4 10 02 07   | 001                          |             |                  | 2002 1 10 10 25   | 00                         |            |
|---------------------|-------------------|------------------------------|-------------|------------------|-------------------|----------------------------|------------|
|                     | 2877 Apr 19 02:07 | 0°8                          |             |                  | 2882 Jan 19 19:35 | 0° <b>≈</b>                |            |
|                     | 2877 May 19 19:14 | $\Pi^{\circ}0$               |             |                  | 2882 Feb 18 07:45 | 0° <b>∀</b>                |            |
|                     | 2877 Jun 19 22:57 | 0                            |             |                  | 2882 Mar 20 02:07 | $0^{\circ}$ Y              |            |
| max. Earth dist.    | 2877 Jul 20 04:19 | 28° <b>©</b> 52'25           | 1.01629 AU  |                  | 2882 Apr 19 07:00 | $9^{\circ}$ 8              |            |
|                     | 2877 Jul 21 08:39 | $0 {\circ} \Omega$           |             |                  | 2882 May 20 00:06 | $\Pi$ $^{\circ}0$          |            |
|                     | 2877 Aug 21 17:56 | 0° <b>m</b>                  |             |                  | 2882 Jun 20 03:47 | $0$ $\circ$ $\mathfrak{S}$ |            |
|                     | 2877 Sep 21 20:29 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2882 Jul 18 15:43 | 27° <b>©</b> 13'38         | 1.01629 AU |
|                     | 2877 Oct 22 12:02 | 0°M                          |             |                  | 2882 Jul 21 13:29 | $0^{\circ}\Omega$          |            |
|                     | 2877 Nov 21 15:24 | 0° <b>√</b>                  |             |                  | 2882 Aug 21 22:45 | 0° <b>m</b> )              |            |
|                     | 2877 Dec 21 08:41 | 0°ප                          |             |                  | 2882 Sep 22 01:20 | 0∘ <b>⊽</b>                |            |
| min. Earth dist.    | 2878 Jan 16 12:36 | 26° <b>පි</b> 36'34          | 0.98371 AU  |                  | 2882 Oct 22 16:55 | 0° <b>m</b>                |            |
| IIIII. Dartii dist. |                   |                              | 0.963/1 AU  |                  |                   | 0° <b>∕</b> 7              |            |
|                     | 2878 Jan 19 20:29 | 0° <b>≈</b>                  |             |                  | 2882 Nov 21 20:20 |                            |            |
|                     | 2878 Feb 18 08:42 | 0° <b>∀</b>                  |             |                  | 2882 Dec 21 13:39 | 0°る                        |            |
|                     | 2878 Mar 20 03:07 | 0° <b>Υ</b>                  |             | min. Earth dist. | 2883 Jan 17 13:02 |                            | 0.98367 AU |
|                     | 2878 Apr 19 08:03 | $8^{\circ 0}$                |             |                  | 2883 Jan 20 01:27 | 0° <b>≈</b>                |            |
|                     | 2878 May 20 01:09 | $\Pi$ $\circ 0$              |             |                  | 2883 Feb 18 13:38 | 0° <b>∀</b>                |            |
|                     | 2878 Jun 20 04:48 | $0$ $\circ$ $\odot$          |             |                  | 2883 Mar 20 07:59 | $0^{\circ}$ Y              |            |
| max. Earth dist.    | 2878 Jul 19 23:45 | 28° <b>5</b> 27'41           | 1.01633 AU  |                  | 2883 Apr 19 12:51 | 0°B                        |            |
|                     | 2878 Jul 21 14:26 | $0^{\circ}\Omega$            |             |                  | 2883 May 20 05:55 | $\Pi^{\circ}0$             |            |
|                     | 2878 Aug 21 23:39 | 0° mp                        |             |                  | 2883 Jun 20 09:36 | 0° <b>©</b>                |            |
|                     | 2878 Sep 22 02:12 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2883 Jul 21 03:31 | 29° <b>©</b> 22'26         | 1.01634 AU |
|                     | 2878 Oct 22 17:46 | 0°M                          |             | max. Earth dist. | 2883 Jul 21 19:16 | 0°N                        | 1.01031710 |
|                     |                   | 0° <b>⊼</b>                  |             |                  |                   | 0° <b>m</b> )              |            |
|                     | 2878 Nov 21 21:10 |                              |             |                  | 2883 Aug 22 04:33 |                            |            |
|                     | 2878 Dec 21 14:28 | 0°る                          |             |                  | 2883 Sep 22 07:09 | 0∘ <b>⊽</b>                |            |
| min. Earth dist.    | 2879 Jan 19 08:41 | 29° <b>る</b> 15'21           | 0.98370 AU  |                  | 2883 Oct 22 22:44 | 0° <b>™</b>                |            |
|                     | 2879 Jan 20 02:14 | 0°≈                          |             |                  | 2883 Nov 22 02:07 | 0° <b>∡</b>                |            |
|                     | 2879 Feb 18 14:23 | 0° <b>∀</b>                  |             |                  | 2883 Dec 21 19:23 | 0°₹                        |            |
|                     | 2879 Mar 20 08:46 | $0$ ° $\mathbf{\Upsilon}$    |             | min. Earth dist. | 2884 Jan 18 03:23 | 27° <b>る</b> 48'16         | 0.98369 AU |
|                     | 2879 Apr 19 13:39 | $9^{\circ}$ 8                |             |                  | 2884 Jan 20 07:07 | 0° <b>≈</b>                |            |
|                     | 2879 May 20 06:44 | $\Pi^{\circ}0$               |             |                  | 2884 Feb 18 19:14 | 0° <b>∀</b>                |            |
|                     | 2879 Jun 20 10:25 | $0$ $\circ$ $\mathfrak{S}$   |             |                  | 2884 Mar 19 13:35 | $0$ ° $\Upsilon$           |            |
| max. Earth dist.    | 2879 Jul 18 11:03 | 26°5546'42                   | 1.01631 AU  |                  | 2884 Apr 18 18:28 | 0°B                        |            |
|                     | 2879 Jul 21 20:06 | $0^{\circ}\Omega$            |             |                  | 2884 May 19 11:33 | $\Pi^{\circ}0$             |            |
|                     | 2879 Aug 22 05:24 | 0° <b>m</b>                  |             |                  | 2884 Jun 19 15:15 | 0° <b>©</b>                |            |
|                     | 2879 Sep 22 08:01 | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 2884 Jul 18 01:07 | 27° <b>©</b> 08'33         | 1.01637 AU |
|                     | 2879 Oct 22 23:39 | 0°M                          |             | man. Darun dige. | 2884 Jul 21 00:59 | 0°Ω                        | 1.01057110 |
|                     | 2879 Nov 22 03:05 | 0° <b>⊼</b> 7                |             |                  | 2884 Aug 21 10:20 | 0° <b>m</b> )              |            |
|                     |                   | 0°중                          |             |                  | =                 | 0∘ <del>ت</del><br>بابا    |            |
| i Patri             | 2879 Dec 21 20:22 |                              | 0.00264.441 |                  | 2884 Sep 21 12:58 |                            |            |
| min. Earth dist.    | 2880 Jan 18 11:59 |                              | 0.98364 AU  |                  | 2884 Oct 22 04:35 | 0° <b>M</b>                |            |
|                     | 2880 Jan 20 08:07 | 0° <b>≈</b>                  |             |                  | 2884 Nov 21 07:59 | 0° <b>∡</b> 7              |            |
|                     | 2880 Feb 18 20:15 | 0° <b>∀</b>                  |             |                  | 2884 Dec 21 01:13 | 0°ප                        |            |
|                     | 2880 Mar 19 14:36 | $0$ ° $\Upsilon$             |             | min. Earth dist. | 2885 Jan 18 15:06 | 29° <b>る</b> 04'27         | 0.98363 AU |
|                     | 2880 Apr 18 19:30 | $9^{\circ}$ 8                |             |                  | 2885 Jan 19 12:56 | 0° <b>≈</b>                |            |
|                     | 2880 May 19 12:37 | $\Pi$ $^{\circ}0$            |             |                  | 2885 Feb 18 01:02 | 0° <b>∀</b>                |            |
|                     | 2880 Jun 19 16:21 | $0$ $\circ$                  |             |                  | 2885 Mar 19 19:23 | $0$ ° $\Upsilon$           |            |
| max. Earth dist.    | 2880 Jul 20 09:42 | 29°521'00                    | 1.01632 AU  |                  | 2885 Apr 19 00:18 | 0°8                        |            |
|                     | 2880 Jul 21 02:03 | $0^{\circ}\Omega$            |             |                  | 2885 May 19 17:25 | 0° <b>I</b> I              |            |
|                     | 2880 Aug 21 11:18 | 0° m/                        |             |                  | 2885 Jun 19 21:08 | 0°ಅ                        |            |
|                     | 2880 Sep 21 13:51 | 0∘ <u>v</u>                  |             | max. Earth dist. | 2885 Jul 19 16:56 | 28°529'38                  | 1.01630 AU |
|                     | 2880 Oct 22 05:25 | 0°M                          |             | man. Darun dige. | 2885 Jul 21 06:50 | 0°Ω                        | 1.01050110 |
|                     | 2880 Nov 21 08:48 | 0° <b>⊼</b>                  |             |                  | 2885 Aug 21 16:08 | 0° <b>m</b> )              |            |
|                     |                   |                              |             |                  | •                 | 0∘ <b>ت</b><br>بالا        |            |
| i Patri             | 2880 Dec 21 02:04 | 0°る                          | 0.00260.411 |                  | 2885 Sep 21 18:46 |                            |            |
| min. Earth dist.    | 2881 Jan 16 11:40 | 26° <b>る</b> 51'06           | 0.98369 AU  |                  | 2885 Oct 22 10:23 | 0° <b>™</b>                |            |
|                     | 2881 Jan 19 13:50 | 0° <b>≈</b>                  |             |                  | 2885 Nov 21 13:48 | 0° <b>∡</b>                |            |
|                     | 2881 Feb 18 01:59 | 0° <b>∀</b>                  |             |                  | 2885 Dec 21 07:05 | 0°る                        |            |
|                     | 2881 Mar 19 20:21 | $0^{\circ}\mathbf{\Upsilon}$ |             | min. Earth dist. | 2886 Jan 16 17:03 | 26° <b>る</b> 52'10         | 0.98365 AU |
|                     | 2881 Apr 19 01:16 | 0°8                          |             |                  | 2886 Jan 19 18:49 | 0° <b>≈</b>                |            |
|                     | 2881 May 19 18:24 | $\Pi$ $^{\circ}0$            |             |                  | 2886 Feb 18 06:57 | 0° <b>∀</b>                |            |
|                     | 2881 Jun 19 22:07 | $0$ $\circ$ $\odot$          |             |                  | 2886 Mar 20 01:17 | $0$ ° $\Upsilon$           |            |
| max. Earth dist.    | 2881 Jul 18 20:45 | 27° <b>©</b> 39'05           | 1.01636 AU  |                  | 2886 Apr 19 06:10 | 0°B                        |            |
|                     | 2881 Jul 21 07:49 | $0^{\circ}\Omega$            |             |                  | 2886 May 19 23:15 | 0°Щ                        |            |
|                     | 2881 Aug 21 17:04 | 0° m/y                       |             |                  | 2886 Jun 20 02:56 | 0°©                        |            |
|                     | 2881 Sep 21 19:36 | 0∘ <b>ರ</b><br>೧.ಗ           |             | max. Earth dist. | 2886 Jul 20 08:09 | 28°952'08                  | 1.01635 AU |
|                     | 2881 Oct 22 11:09 | 0° <b>m</b> .                |             | Durin dist.      | 2886 Jul 21 12:36 | 0°Ω                        | 1.01033710 |
|                     |                   | 0° 17⊓<br>0° 27⊓             |             |                  |                   | 0°m)                       |            |
|                     | 2881 Nov 21 14:31 |                              |             |                  | 2886 Aug 21 21:51 | 0ം <b>⊽</b>                |            |
| min E d V c         | 2881 Dec 21 07:48 | 0°₹<br>200 <b>₹</b> 22111    | 0.00260 444 |                  | 2886 Sep 22 00:28 |                            |            |
| min. Earth dist.    | 2882 Jan 19 04:44 | 29° <b>る</b> 22'11           | 0.98369 AU  |                  | 2886 Oct 22 16:06 | 0°M₊                       |            |

|                  | 2886 Nov 21 19:35                      | 0° <b>∡</b> ¹             |             |                     | 2891 Aug 22 02:57                      | 0° <b>m</b>                |               |
|------------------|--|---------------------------|-------------|---------------------|--|----------------------------|---------------|
|                  | 2886 Dec 21 12:54                      | 0° <b>る</b>               |             |                     | 2891 Sep 22 05:36                      | 0∘ <b>ত</b>                |               |
| min. Earth dist. | 2887 Jan 19 07:02                      | 29° <b>る</b> 15'08        | 0.98367 AU  |                     | 2891 Oct 22 21:18                      | 0° <b>M</b>                |               |
|                  | 2887 Jan 20 00:39                      | 0° <b>≈</b>               |             |                     | 2891 Nov 22 00:48                      | 0° <b>∡</b> ¹              |               |
|                  | 2887 Feb 18 12:44                      | 0° <b>∀</b>               |             |                     | 2891 Dec 21 18:10                      | 0°₹                        |               |
|                  | 2887 Mar 20 06:59                      | $0^{\circ}$ Y             |             | min. Earth dist.    | 2892 Jan 17 21:01                      | 27° <b>る</b> 35'02         | 0.98370 AU    |
|                  | 2887 Apr 19 11:47                      | $9^{\circ}$ 8             |             |                     | 2892 Jan 20 05:56                      | 0° <b>≈</b>                |               |
|                  | 2887 May 20 04:49                      | $\Pi$ $^{\circ}0$         |             |                     | 2892 Feb 18 18:04                      | 0° <b>∀</b>                |               |
|                  | 2887 Jun 20 08:30                      | 0∘ <b>হ্</b>              |             |                     | 2892 Mar 19 12:22                      | $0$ ° $\Upsilon$           |               |
| max. Earth dist. | 2887 Jul 18 11:53                      | 26° <b>©</b> 53'08        | 1.01635 AU  |                     | 2892 Apr 18 17:12                      | $9^{\circ}$ 8              |               |
|                  | 2887 Jul 21 18:14                      | $0 {\circ} \Omega$        |             |                     | 2892 May 19 10:14                      | $\Pi$ $^{\circ}0$          |               |
|                  | 2887 Aug 22 03:35                      | 0° <b>™</b>               |             |                     | 2892 Jun 19 13:53                      | $0$ $\circ$                |               |
|                  | 2887 Sep 22 06:16                      | 0∘ <b>⊽</b>               |             | max. Earth dist.    | 2892 Jul 18 08:52                      | 27° <b>©</b> 30'27         | 1.01634 AU    |
|                  | 2887 Oct 22 21:59                      | $0^{\circ}$ M             |             |                     | 2892 Jul 20 23:33                      | $0 {\circ} \Omega$         |               |
|                  | 2887 Nov 22 01:30                      | 0° <b>∡</b> ¹             |             |                     | 2892 Aug 21 08:50                      | 0° <b>m</b> ∕              |               |
|                  | 2887 Dec 21 18:51                      | 0°ප                       |             |                     | 2892 Sep 21 11:28                      | 0∘ <b>⊽</b>                |               |
| min. Earth dist. | 2888 Jan 18 23:55                      | 28° <b>る</b> 41'52        | 0.98363 AU  |                     | 2892 Oct 22 03:08                      | 0° <b>M</b>                |               |
|                  | 2888 Jan 20 06:37                      | 0° <b>≈</b>               |             |                     | 2892 Nov 21 06:38                      | 0° <b>∡</b> 7              |               |
|                  | 2888 Feb 18 18:43                      | 0° <b>∀</b>               |             |                     | 2892 Dec 20 23:59                      | 0°ප                        |               |
|                  | 2888 Mar 19 12:58                      | $0$ ° $\Upsilon$          |             | min. Earth dist.    | 2893 Jan 19 00:34                      | 29° <b>る</b> 31'27         | 0.98367 AU    |
|                  | 2888 Apr 18 17:45                      | $9^{\circ}$ 8             |             |                     | 2893 Jan 19 11:47                      | 0° <b>≈</b>                |               |
|                  | 2888 May 19 10:46                      | $\Pi$ $^{\circ}0$         |             |                     | 2893 Feb 17 23:55                      | 0° <b>∀</b>                |               |
|                  | 2888 Jun 19 14:27                      | $0$ $\circ$ $\odot$       |             |                     | 2893 Mar 19 18:13                      | $0^{\circ}$ Y              |               |
| max. Earth dist. | 2888 Jul 20 11:04                      | 29° <b>©</b> 28'41        | 1.01634 AU  |                     | 2893 Apr 18 23:04                      | 0° <b>႘</b>                |               |
|                  | 2888 Jul 21 00:11                      | $0^{\circ}\Omega$         |             |                     | 2893 May 19 16:08                      | $\Pi^{\circ}0$             |               |
|                  | 2888 Aug 21 09:32                      | O° Mp                     |             |                     | 2893 Jun 19 19:48                      | $0$ $\circ$ $\odot$        |               |
|                  | 2888 Sep 21 12:11                      | 0∘ <b>⊽</b>               |             | max. Earth dist.    | 2893 Jul 19 01:36                      | 27° <b>9</b> 56'20         | 1.01626 AU    |
|                  | 2888 Oct 22 03:49                      | $0^{\circ}$ M             |             |                     | 2893 Jul 21 05:28                      | $0 {\circ} \Omega$         |               |
|                  | 2888 Nov 21 07:17                      | 0° <b>∡</b> ¹             |             |                     | 2893 Aug 21 14:43                      | 0° <b>m</b> ∕              |               |
|                  | 2888 Dec 21 00:37                      | 0°ප                       |             |                     | 2893 Sep 21 17:19                      | 0∘ <b>亚</b>                |               |
| min. Earth dist. | 2889 Jan 16 11:36                      | 26° <b>る</b> 54'34        | 0.98369 AU  |                     | 2893 Oct 22 08:57                      | 0°M                        |               |
|                  | 2889 Jan 19 12:24                      | 0°≈                       |             |                     | 2893 Nov 21 12:25                      | 0° <b>∡</b>                |               |
|                  | 2889 Feb 18 00:33                      | 0° <b>∀</b>               |             |                     | 2893 Dec 21 05:48                      | 0°る                        |               |
|                  | 2889 Mar 19 18:52                      | 0° <b>Υ</b>               |             | min. Earth dist.    | 2894 Jan 16 23:46                      | 27° <b>る</b> 12'19         | 0.98370 AU    |
|                  | 2889 Apr 18 23:41                      | 0° <b>8</b>               |             |                     | 2894 Jan 19 17:38                      | 0° <b>≈</b>                |               |
|                  | 2889 May 19 16:42                      | 0° <b>Ⅱ</b>               |             |                     | 2894 Feb 18 05:49                      | 0° <b>)</b> €              |               |
|                  | 2889 Jun 19 20:21                      | 0.20                      |             |                     | 2894 Mar 20 00:10                      | 0°Υ                        |               |
| max. Earth dist. | 2889 Jul 19 10:02                      |                           | 1.01636 AU  |                     | 2894 Apr 19 05:00                      | 0°8                        |               |
|                  | 2889 Jul 21 06:01                      | $\Omega^{\circ}\Omega$    |             |                     | 2894 May 19 22:02                      | 0°∏                        |               |
|                  | 2889 Aug 21 15:19                      | 0° <b>m</b>               |             | D d E i             | 2894 Jun 20 01:40                      | 0°95                       | 1.01/22.444   |
|                  | 2889 Sep 21 17:58                      | 0∘ <b>亚</b>               |             | max. Earth dist.    | 2894 Jul 20 15:47                      | 29° <b>©</b> 13'27         | 1.01632 AU    |
|                  | 2889 Oct 22 09:36                      | 0°M                       |             |                     | 2894 Jul 21 11:18                      | 0° <b>N</b>                |               |
|                  | 2889 Nov 21 13:04                      | 0° <b>⊼</b>               |             |                     | 2894 Aug 21 20:32                      | 0° <b>m</b> )              |               |
| in Double dies   | 2889 Dec 21 06:24                      | 0°る                       | 0.00271 ATT |                     | 2894 Sep 21 23:07                      | 0∘ <b>m</b>                |               |
| min. Earth dist. | 2890 Jan 19 07:15                      | 29° <b>る</b> 32'05<br>0°≈ | 0.98371 AU  |                     | 2894 Oct 22 14:45<br>2894 Nov 21 18:13 | 0° <b>M</b><br>0° <b>⊀</b> |               |
|                  | 2890 Jan 19 18:12<br>2890 Feb 18 06:23 | 0 <b>≈</b>                |             |                     | 2894 Dec 21 11:35                      | 0 ×.<br>0°ਤ                |               |
|                  | 2890 Mar 20 00:44                      | 0° <b>Υ</b>               |             | min. Earth dist.    | 2895 Jan 18 18:11                      |                            | 0.98372 AU    |
|                  | 2890 Mar 20 00:44<br>2890 Apr 19 05:33 | 0°8                       |             | iiiii. Eartii tist. | 2895 Jan 19 23:23                      | 28 <b>○</b> 43 38          | 0.98372 AU    |
|                  | 2890 May 19 22:32                      | 0°II                      |             |                     | 2895 Feb 18 11:32                      | 0 <b>∞</b>                 |               |
|                  | 2890 Jun 20 02:08                      | 0°9                       |             |                     | 2895 Mar 20 05:50                      | 0°Υ                        |               |
| max. Earth dist. | 2890 Jul 18 14:02                      | 27° <b>©</b> 13'43        | 1.01627 AU  |                     | 2895 Apr 19 10:37                      | 0°8                        |               |
| max. Earth dist. | 2890 Jul 21 11:46                      | 0°Ω                       | 1.01027 AU  |                     | 2895 May 20 03:36                      | 0°II                       |               |
|                  | 2890 Aug 21 21:03                      | 0° <b>m</b> y             |             |                     | 2895 Jun 20 07:14                      | 0°©                        |               |
|                  | 2890 Sep 21 23:44                      | 0∘ <b>ত</b><br>الله       |             | max. Earth dist.    | 2895 Jul 18 15:31                      | 27° <b>©</b> 04'53         | 1.01635 AU    |
|                  | 2890 Oct 22 15:26                      | 0° <b>m</b> .             |             | max. Lartii dist.   | 2895 Jul 21 16:56                      | 0°Ω                        | 1.01033 AC    |
|                  | 2890 Nov 21 18:58                      | 0° <b>⊼</b> 7             |             |                     | 2895 Aug 22 02:16                      | 0° m)                      |               |
|                  | 2890 Dec 21 12:21                      | 0°ਤ                       |             |                     | 2895 Sep 22 04:57                      | 0° <del>م</del>            |               |
| min. Earth dist. | 2891 Jan 17 22:58                      | 0 පි<br>27°පි54'46        | 0.98367 AU  |                     | 2895 Oct 22 20:39                      | 0° <b>™</b>                |               |
| Dartii dist.     | 2891 Jan 20 00:10                      | 27 <b>⊙</b> 3440          | 0.50507110  |                     | 2895 Nov 22 00:08                      | 0° <b>⊼</b> ¹              |               |
|                  | 2891 Feb 18 12:20                      | 0° <b>∺</b>               |             |                     | 2895 Dec 21 17:28                      | °ਣ<br>0°ਣ                  |               |
|                  | 2891 Mar 20 06:40                      | 0° <b>Υ</b>               |             | min. Earth dist.    | 2896 Jan 19 04:41                      | 28° <b>る</b> 57'30         | 0.98364 AU    |
|                  | 2891 Apr 19 11:30                      | 0°8                       |             | Durin dist.         | 2896 Jan 20 05:14                      | 20° <b>≈</b>               | 3.7.550 7 110 |
|                  | 2891 May 20 04:29                      | 0°II                      |             |                     | 2896 Feb 18 17:21                      | 0 <b>∞</b><br>0° <b>∺</b>  |               |
|                  | 2891 Jun 20 08:05                      | 0°©                       |             |                     | 2896 Mar 19 11:39                      | 0°Υ                        |               |
| max. Earth dist. | 2891 Jul 21 10:22                      | 29° <b>5</b> 42'29        | 1.01630 AU  |                     | 2896 Apr 18 16:27                      | %<br>8°0                   |               |
|                  | 2891 Jul 21 17:42                      | 0°Ω                       |             |                     | 2896 May 19 09:28                      | 0°II                       |               |
|                  | =- 1/1/2                               |                           |             |                     |  | -                          |               |

|                  | 2006 Jun 10 12:00                      | 0° <b>©</b>            |             |                  | 2001 Mar 20 16:20 | $_0$ ° $\Upsilon$                    |            |
|------------------|--|------------------------|-------------|------------------|-------------------|--------------------------------------|------------|
| F4b 4i-4         | 2896 Jun 19 13:08                      |                        | 1.01/22 AII |                  | 2901 Mar 20 16:39 |                                      |            |
| max. Earth dist. | 2896 Jul 20 04:34                      | 29° <b>©</b> 16'24     | 1.01633 AU  |                  | 2901 Apr 19 21:23 | 0° <b>B</b>                          |            |
|                  | 2896 Jul 20 22:51                      | $\Omega^{\circ}\Omega$ |             |                  | 2901 May 20 14:19 | 0° <b>I</b>                          |            |
|                  | 2896 Aug 21 08:12                      | 0° my                  |             |                  | 2901 Jun 20 17:54 | 0°©                                  |            |
|                  | 2896 Sep 21 10:52                      | 0∘ <b>⊽</b>            |             | max. Earth dist. | 2901 Jul 19 20:24 |                                      | 1.01628 AU |
|                  | 2896 Oct 22 02:32                      | 0°M                    |             |                  | 2901 Jul 22 03:33 | $0$ $^{\circ}$ $\Omega$              |            |
|                  | 2896 Nov 21 05:59                      | 0° <b>∡</b>            |             |                  | 2901 Aug 22 12:52 | 0° <b>m</b> )                        |            |
|                  | 2896 Dec 20 23:17                      | 0°る                    |             |                  | 2901 Sep 22 15:35 | 0∘ <b>ত</b>                          |            |
| min. Earth dist. | 2897 Jan 16 08:58                      | 26° <b>る</b> 51'25     | 0.98365 AU  |                  | 2901 Oct 23 07:19 | 0°M₊                                 |            |
|                  | 2897 Jan 19 11:01                      | 0° <b>≈</b>            |             |                  | 2901 Nov 22 10:51 | 0° <b>√</b>                          |            |
|                  | 2897 Feb 17 23:08                      | 0° <b>)</b> €          |             |                  | 2901 Dec 22 04:15 | 0°₹                                  |            |
|                  | 2897 Mar 19 17:26                      | $0^{\circ}\Upsilon$    |             | min. Earth dist. | 2902 Jan 18 07:35 | 27° <b>る</b> 36'11                   | 0.98368 AU |
|                  | 2897 Apr 18 22:16                      | $9^{\circ}$ 8          |             |                  | 2902 Jan 20 16:05 | 0° <b>≈</b>                          |            |
|                  | 2897 May 19 15:19                      | $\Pi$ $^{\circ}0$      |             |                  | 2902 Feb 19 04:15 | 0° <b>∀</b>                          |            |
|                  | 2897 Jun 19 18:58                      | $0$ $\circ$ $\odot$    |             |                  | 2902 Mar 20 22:33 | $0$ ° $\Upsilon$                     |            |
| max. Earth dist. | 2897 Jul 19 17:43                      | 28° <b>©</b> 36'43     | 1.01637 AU  |                  | 2902 Apr 20 03:19 | $8^{\circ}$                          |            |
|                  | 2897 Jul 21 04:37                      | $0^{\circ}\Omega$      |             |                  | 2902 May 20 20:15 | $\Pi^{\circ}0$                       |            |
|                  | 2897 Aug 21 13:56                      | 0° <b>m</b> y          |             |                  | 2902 Jun 20 23:47 | 0°€                                  |            |
|                  | 2897 Sep 21 16:36                      | 0° <b>⊽</b>            |             | max. Earth dist. | 2902 Jul 22 02:55 | 29°5544'36                           | 1.01630 AU |
|                  | 2897 Oct 22 08:16                      | 0°M                    |             |                  | 2902 Jul 22 09:22 | $0^{\circ}\Omega$                    |            |
|                  | 2897 Nov 21 11:45                      | 0° <b>∡</b> ¹          |             |                  | 2902 Aug 22 18:38 | 0° <b>m</b> )                        |            |
|                  | 2897 Dec 21 05:05                      | 8°0                    |             |                  | 2902 Sep 22 21:19 | 0∘ <del>⊽</del>                      |            |
| min. Earth dist. | 2898 Jan 19 06:29                      | 29°る33'40              | 0.98367 AU  |                  | 2902 Oct 23 13:04 | 0°M                                  |            |
|                  | 2898 Jan 19 16:50                      | 0° <b>≈</b>            |             |                  | 2902 Nov 22 16:39 | 0° <b>∡</b> 7                        |            |
|                  | 2898 Feb 18 04:56                      | 0° <b>)</b> €          |             |                  | 2902 Dec 22 10:04 | 0°ප                                  |            |
|                  | 2898 Mar 19 23:12                      | 0°Υ                    |             | min. Earth dist. | 2903 Jan 19 09:42 | 28° <b>る</b> 27'52                   | 0.98371 AU |
|                  | 2898 Apr 19 03:58                      | 0°8                    |             | mm. Earth dist.  | 2903 Jan 20 21:52 | 0°≈                                  | 0.70371710 |
|                  | 2898 May 19 20:57                      | 0°II                   |             |                  | 2903 Feb 19 09:58 | 0° <b>∀</b>                          |            |
|                  | 2898 Jun 20 00:34                      | 0°æ                    |             |                  | 2903 Mar 21 04:13 | 0°Υ                                  |            |
| max. Earth dist. | 2898 Jul 18 08:49                      | 27° <b>©</b> 04'57     | 1.01631 AU  |                  | 2903 Apr 20 08:56 | 0°8                                  |            |
| max. Earm dist.  | 2898 Jul 21 10:13                      | 27 <b>3</b> 04 37      | 1.01031 AU  |                  | 2903 May 21 01:50 | 0°II                                 |            |
|                  |  | 0°Mp                   |             |                  | 2903 Jun 21 05:23 | 0°9                                  |            |
|                  | 2898 Aug 21 19:32                      | 0∘ <b>ত</b><br>الله    |             | max. Earth dist. |                   | 0 <del>3</del><br>27° <b>9</b> 28'15 | 1.01632 AU |
|                  | 2898 Sep 21 22:15                      | 0°M                    |             | max. Earm dist.  | 2903 Jul 19 23:23 |                                      | 1.01032 AU |
|                  | 2898 Oct 22 14:01                      |                        |             |                  | 2903 Jul 22 15:00 | 0° <b>N</b>                          |            |
|                  | 2898 Nov 21 17:35                      | 0° <b>∡</b>            |             |                  | 2903 Aug 23 00:19 | 0° <b>m</b>                          |            |
| · E d li d       | 2898 Dec 21 10:59                      | 0°る                    | 0.00262.441 |                  | 2903 Sep 23 03:03 | 0∘ <b>亚</b>                          |            |
| min. Earth dist. | 2899 Jan 18 09:57                      | 28° <b>පි</b> 26'17    | 0.98363 AU  |                  | 2903 Oct 23 18:51 | 0° <b>™</b>                          |            |
|                  | 2899 Jan 19 22:46                      | 0° <b>≈</b>            |             |                  | 2903 Nov 22 22:28 | 0° <b>∡</b>                          |            |
|                  | 2899 Feb 18 10:51                      | 0° <b>∀</b>            |             |                  | 2903 Dec 22 15:54 | 0°る                                  |            |
|                  | 2899 Mar 20 05:05                      | 0° <b>Υ</b>            |             | min. Earth dist. | 2904 Jan 20 16:33 | 29° <b>る</b> 31'39                   | 0.98365 AU |
|                  | 2899 Apr 19 09:49                      | 0°8                    |             |                  | 2904 Jan 21 03:41 | 0° <b>≈</b>                          |            |
|                  | 2899 May 20 02:46                      | $\Pi$ $^{\circ}0$      |             |                  | 2904 Feb 19 15:46 | 0° <b>∀</b>                          |            |
|                  | 2899 Jun 20 06:23                      | $0$ $\circ$ $\odot$    |             |                  | 2904 Mar 20 10:00 | 0° <b>Υ</b>                          |            |
| max. Earth dist. | 2899 Jul 21 12:01                      | 29° <b>©</b> 50'24     | 1.01633 AU  |                  | 2904 Apr 19 14:44 | 0°8                                  |            |
|                  | 2899 Jul 21 16:03                      | $0 {\circ} \Omega$     |             |                  | 2904 May 20 07:41 | $\Pi$ $^{\circ}0$                    |            |
|                  | 2899 Aug 22 01:22                      | 0° <b>™</b>            |             |                  | 2904 Jun 20 11:17 | 0                                    |            |
|                  | 2899 Sep 22 04:04                      | 0∘ <b>⊽</b>            |             | max. Earth dist. | 2904 Jul 20 18:05 | 28° <b>©</b> 55'57                   | 1.01629 AU |
|                  | 2899 Oct 22 19:48                      | 0°M                    |             |                  | 2904 Jul 21 20:57 | $0 {\circ} \Omega$                   |            |
|                  | 2899 Nov 21 23:22                      | 0° <b>∡</b> 7          |             |                  | 2904 Aug 22 06:16 | 0° <b>™</b>                          |            |
|                  | 2899 Dec 21 16:45                      | 0°ප                    |             |                  | 2904 Sep 22 08:57 | 0∘ <b>ত</b>                          |            |
| min. Earth dist. | 2900 Jan 17 16:19                      | 27° <b>る</b> 26'38     | 0.98368 AU  |                  | 2904 Oct 23 00:42 | $0^{\circ}$ M                        |            |
|                  | 2900 Jan 20 04:32                      | 0° <b>≈</b>            |             |                  | 2904 Nov 22 04:15 | 0° <b>∡</b> ¹                        |            |
|                  | 2900 Feb 18 16:37                      | 0° <b>∀</b>            |             |                  | 2904 Dec 21 21:40 | 8°0                                  |            |
|                  | 2900 Mar 20 10:49                      | $0^{\circ}$ Y          |             | min. Earth dist. | 2905 Jan 17 16:08 | 27° <b>る</b> 13'35                   | 0.98368 AU |
|                  | 2900 Apr 19 15:32                      | 0°8                    |             |                  | 2905 Jan 20 09:29 | 0° <b>≈</b>                          |            |
|                  | 2900 May 20 08:28                      | $\Pi^{\circ}0$         |             |                  | 2905 Feb 18 21:37 | 0° <b>)</b> €                        |            |
|                  | 2900 Jun 20 12:04                      | 0°€                    |             |                  | 2905 Mar 20 15:52 | $0^{\circ}$ Y                        |            |
| max. Earth dist. | 2900 Jul 19 20:05                      | 28° <b>©</b> 01'29     | 1.01638 AU  |                  | 2905 Apr 19 20:37 | 0°8                                  |            |
|                  | 2900 Jul 21 21:46                      | $0^{\circ}\Omega$      |             |                  | 2905 May 20 13:35 | 0°Ⅲ                                  |            |
|                  | 2900 Aug 22 07:07                      | 0° mp                  |             |                  | 2905 Jun 20 17:11 | 0ಂತಾ                                 |            |
|                  | 2900 Sep 22 09:50                      | 0∘ <u>v</u>            |             | max. Earth dist. | 2905 Jul 21 02:13 | 29° <b>©</b> 01'19                   | 1.01634 AU |
|                  | 2900 Oct 23 01:34                      | 0°M                    |             |                  | 2905 Jul 22 02:49 | $0^{\circ}\Omega$                    |            |
|                  | 2900 Nov 22 05:06                      | 0° <b>∡</b> 7          |             |                  | 2905 Aug 22 12:06 | 0° m)                                |            |
|                  | 2900 Dec 21 22:29                      | ੈ°ਤ                    |             |                  | 2905 Sep 22 14:45 | 0∘ <b>⊽</b>                          |            |
| min. Earth dist. | 2901 Jan 20 05:43                      | 29° <b>る</b> 48'22     | 0.98368 AU  |                  | 2905 Oct 23 06:28 | 0°M                                  |            |
|                  | 2901 Jan 20 10:17                      | 0°≈                    |             |                  | 2905 Nov 22 10:00 | 0° <b>⊼</b> 7                        |            |
|                  | 2901 Jan 20 10:17<br>2901 Feb 18 22:24 | 0° <b>∀</b>            |             |                  | 2905 Dec 22 03:25 | 0°ਤ                                  |            |
|                  | 2,011 <b>0</b> 0 10 22.21              | ~ /\                   |             |                  | 2,00 200 22 03.23 | ů O                                  |            |

| min. Earth dist.   2990 Jan 20 03.1   2995 Size   2910  | · F 4 F 4         | 2007 1 20 02 21   | 200720105          | 0.00272 ATT |                     | 2010 0 + 22 11 42 | 00 <b>m</b>                  |              |
|---|-------------------|-------------------|--------------------|-------------|---------------------|-------------------|------------------------------|--------------|
| 2006   2007   | min. Earth dist.  | 2906 Jan 20 03:31 |                    | 0.983/3 AU  |                     | 2910 Oct 23 11:42 | 0°M                          |              |
| 2908 AP 20 234   0°F  |                   |                   |                    |             |                     |                   |                              |              |
| 2006   2007   |                   |                   |                    |             | · Patra             |                   |                              | 0.00270.441  |
| max. Earth dist         3908 May 20 1917         0°II   |                   |                   |                    |             | min. Earth dist.    |                   |                              | 0.98370 AU   |
| 1988     |                   |                   |                    |             |                     |                   |                              |              |
| max. Earth bits         906 Jul 2 9 0.02         2°92 10 20 10 10 0.00         0°10 10 10 0.00         0°10 10 0.00   |                   | •                 |                    |             |                     |                   |                              |              |
| 2906 Aug 2 17 146   |                   |                   |                    |             |                     |                   |                              |              |
| 2006   2002   2004   2016   | max. Earth dist.  |                   |                    | 1.01630 AU  |                     | •                 |                              |              |
| 1906   1906   1907   1908   1908   1909   |                   |                   |                    |             |                     | •                 |                              |              |
| ### Page 12:15   0"E  |                   | -                 |                    |             |                     |                   |                              |              |
| Part  |                   | •                 |                    |             | max. Earth dist.    |                   |                              | 1.01636 AU   |
| ### Park  |                   |                   |                    |             |                     |                   |                              |              |
| min. Earth dist.         2007 Jan 19 16:33         28°8 4805         0.93 67 AU         Control 2017 Jan 20 1732         0°R         2017 Jan 20 1732         0°R         300 7 Au         2011 Dec 21 140         0°E         0.93 67 AU         0°R         2017 Jan 20 10 120         0°E         0.93 67 AU         0°R         0.93 67 AU         0.93 67 AU         0°R         0.93 67 AU         0.93 68 AU<  |                   |                   |                    |             |                     | •                 |                              |              |
| 1907   1908   1908   1909   |                   |                   |                    |             |                     | •                 |                              |              |
| 1907   1908   | mın. Earth dist.  |                   |                    | 0.98367 AU  |                     |                   |                              |              |
| 2907 May 21 03.33 0°P°   min. Earth dist.   2912 May 21 01.05 0°Pš 790 0,985 7 AU   2912 May 21 01.05 0°Pš 790 0,985 7 AU   2912 May 21 01.05 0°Pš 790 0,985 7 AU   2912 May 20 06.15 0°Pš 790 0,985 7 AU   2912 May 20 06.15 0°Pš 790 0,985 7 AU   2912 May 20 06.15 0°Pš 790 1 AU   2913 May 20 06.15 0°Pš 790 1 AU   |                   |                   |                    |             |                     |                   |                              |              |
| 1907 Apr 20 08:16   0°B   10°B   10  |                   |                   |                    |             |                     |                   |                              |              |
| 1   |                   |                   |                    |             | min. Earth dist.    |                   |                              | 0.98367 AU   |
| Mark  |                   | •                 |                    |             |                     |                   |                              |              |
| Max. Earth dist.   2907 Jul 22 1421   0・分   10-631 AU   2912 Apr 19 13-23   0・8   0・2   2912 Apr 19 13-23   0・2   0・2   2913 Apr 19 13-23   0・2   0・2   2913 Apr 19 13-23   0・2   |                   | •                 |                    |             |                     |                   |                              |              |
| May 1   |                   |                   |                    |             |                     |                   |                              |              |
| Part  |                   |                   |                    |             |                     | *                 |                              |              |
| 10   10   10   10   10   10   10   10   | max. Earth dist.  |                   |                    | 1.01631 AU  |                     | •                 |                              |              |
| 2907 Ord 23 18:12   0°形   1   2912 Mg 21 19:29   0°項   1   2912 Mg 22 14:52   1   2912 Mg 22 14:52   1   2913 Mg 22 14:52   2913 Mg 22 14:52   2913 Mg 22 14:52   2913 Mg 22 14:52   2913 Mg 22 13:52   2913 Mg 21 12:52   2913 Mg 22 13:52  |                   | •                 |                    |             |                     |                   |                              |              |
| ### Page 10   |                   | •                 |                    |             | max. Earth dist.    |                   |                              | 1.01631 AU   |
| min. Earth dist   |                   |                   |                    |             |                     |                   |                              |              |
| Min. Earth dist   2908 Jan  |                   |                   |                    |             |                     | •                 | •                            |              |
| 2908 Fach   19.03   0°F4   19.03  | : E 4 1: 4        |                   |                    | 0.00260 ATT |                     | =                 |                              |              |
| 2908 Feb 19 15:03   0°円   14:01   0°円   14:01   27°E2'N   0°円   14:01   0°円   14:0  | min. Earth dist.  |                   |                    | 0.98368 AU  |                     |                   |                              |              |
| 2908 Any 1 0 0918   0°P   0°B   |                   |                   |                    |             |                     |                   |                              |              |
| 2908 Apr 19 14:01   0°상   10°1   10°1   10°2   10°1   |                   |                   |                    |             | i. Dardh diad       |                   |                              | 0.00260 ATT  |
| ### Park  |                   |                   |                    |             | IIIII. Eartii tist. |                   |                              | 0.98309 AU   |
| max. Earth dist.         2908 Jul 20 10:31         0°S         1.01637 AU         2913 Mar 20 14:42         0°Y         1.01637 AU           max. Earth dist.         2908 Jul 21 20:00         0°Q         1.01637 AU         2913 Apr 19 19:23         0°S         1.01637 AU           2908 Aug 22 05:32         0°B         1.01637 AU         2913 Jul 20 15:46         0°S         1.01634 AU           2908 Nov 22 03:37         0°B         1.01637 AU         2913 Jul 21 14:41         29953428         1.01634 AU           2908 Nov 22 03:37         0°B         1.01637 AU         2913 Aug 22 10:42         0°B         1.01634 AU           2908 Nov 22 03:37         0°B         1.01636 AU         2913 Aug 22 10:42         0°B         1.01634 AU           2909 Nov 22 03:37         0°B         1.01636 AU         2913 Aug 22 10:42         0°B         0°B           2909 Nov 20 12:40         0°B         1.01636 AU         2913 Aug 22 10:40         0°B         0°B           2909 Feb 18 20:51         0°B         1.01629 AU         2914 Jul 19 10:10         0°B         0°B           2909 Mar 20 15:66         0°P         min. Earth dist         2914 Jul 19 10:10         0°B         0°B           2909 Mar 20 15:69         0°B         0°B         2914 Jul 19 10:10   |                   | •                 |                    |             |                     |                   |                              |              |
| max. Earth dist.         2908 Jul 21 20:5:33         28°92751         1.01637 AU         2913 May 20 12:15         0°M         1         2         2         1         1         2         <  |                   |                   |                    |             |                     |                   |                              |              |
| 2908 Jul 21 20:10   | may Earth dist    |                   |                    | 1.01637 AII |                     |                   |                              |              |
| 2908 Aug 22 05:32   0° №   max. Earth dist.   2913 Jul 20 15:46   0°\$   10:634 AU   2908 Cep 22 08:16   0°\$ | max. Lartii dist. |                   |                    | 1.01037 AC  |                     |                   |                              |              |
| 2908 Sep 2 2 8:16   0°Δ   max. Earth dist.   2913 Jul 2 1 4:41   29°3428   1.01634 AU   2908 Oct 23 00.03   0°R   2913 Aug 2 2 10:23   0°Ω   0°Ω   2908 Nov 2 2 03:37   0°R   2913 Aug 2 2 10:24   0°R   0°Ω   0°Ω   2908 Dec 21 21:00   0°S   2913 Nov 2 2 13:26   0°Ω   0°R   2909 Jan 20 08:45   29°S5217   0.98366 AU   2913 Oct 23 05:14   0°R   0°R   2909 Jan 20 18:46   0°R   2909 Jan 20 18:46   0°R   2913 Nov 22 08:50   0°R   2909 Mar 20 18:06   0°R   2909 Mar 20 18:06   0°R   2909 Mar 20 18:06   0°R   2914 Jan 19 17:01   29°S0617   0.98374 AU   2909 Mar 20 18:06   0°R   2909 Mar 20 18:06   0°R   2909 Jan 20 08:46   0°R   2909 Jan 20 18:26   0°R   2909 Jan 20 18:27   0°R   2909 Jan 20 18:28   0°R   2909 Jan 20 18:29   0°R   2909 Jan 20 18:29 0°R   2909 Jan 20 18:39 0°R   |                   |                   |                    |             |                     |                   |                              |              |
| 2908 Nov 22 03:37   |                   | •                 |                    |             | may Earth dist      |                   |                              | 1.01634 ATT  |
| Part  |                   | =                 |                    |             | max. Lartii dist.   |                   |                              | 1.01054710   |
| min. Earth dist.   2908 Jan 20 05:45   29°₹5217   0.98366 AU   2913 Sep 22 13:26   0°Φ   1.00 Mp   1.00   |                   |                   |                    |             |                     |                   |                              |              |
| Min. Earth dist.   2909 Jan 20 05:45   29°σ52'17 0.98366 AU   2913 Oct 23 05:14 0°™   2914 Nov 22 08:50 0°¾   2919 Nov 20 05:46 0°%   2919 Jan 20 15:06 0°%   2919 Jan 20 15:06 0°%   2919 Jan 20 15:06 0°%   2919 Jan 20 16:22 0°%   2919 Jan 20 16:22 0°%   2914 Jan 20 14:07 0°%   2914 Jan 20 14:07 0°%   2914 Jan 20 10:15 0°%   2914 Jan 20 10:16 0°%   2914 Jan 20   |                   |                   |                    |             |                     |                   |                              |              |
| 2909 Jan 20 08:46   0°\$   2913 Nov 22 08:50   0°\$   2914 Jan 19 17:01   29°\$ 06'17   0.98374 AU   2909 Apr 19 19:50   0°\$   2914 Jan 19 17:01   29°\$ 06'17   0.98374 AU   2909 May 20 12:47   0°\$   2914 Jan 19 17:01   2914 Jan 19 17:01   0°\$   2999 Jan 20 16:22   0°\$   2914 Jan 20 14:07   0°\$   2914 Jan 20 14:07   0°\$                                      | min Earth dist    |                   |                    | 0 98366 AU  |                     | •                 |                              |              |
| 2909 Feb 18 20:51   0°H   2909 Mar 20 15:06   0°V   min. Earth dist.   2914 Jan 19 17:01   29°B0617   0.98374 AU   2909 Apr 19 19:50   0°B   2914 Mar 20 14:07   0°€   2914 Mar 20 20:30   0°V   2914 Mar 20 20:30   0°S   291  | mm. Barm aist.    |                   |                    | 0.90000110  |                     |                   |                              |              |
| Part  |                   |                   |                    |             |                     |                   |                              |              |
| 2909 Apr 19 19:50   0°♥   2914 In 20 14:07   0°≈   2914 In 20 14:07   0°≈   2914 In 20 16:22   0°°   2914 In 20 20:30   0°°   0°°   1  |                   |                   |                    |             | min. Earth dist.    |                   |                              | 0.98374 AU   |
| 2909 May 20 12:47   0° Π   2914 Feb 19 02:15   0°   |                   |                   |                    |             |                     |                   |                              |              |
| 2909 Jun 20 16:22 0°⑤   |                   | •                 |                    |             |                     |                   | 0° <b>∀</b>                  |              |
| 2909 Jul 22 02:00   0°Ω   2914 May 20 17:59   0°∏   2914 Jul 20 21:26   0°©   2914 Jul 20 21:26   0°©   2914 Jul 20 21:26   0°©   2914 Jul 19 16:21   27°©30'34   1.01629 AU   2909 Oct 23 05:52   0°M   2914 Jul 20 07:00   0°Ω   2914 Aug 22 16:19   0°M   2909 Dcc 22 02:54   0°Ե   2914 Aug 20 19:05   0°©   2914 Aug 20 19:05   0°   |                   | •                 |                    |             |                     |                   | $0^{\circ}\mathbf{\Upsilon}$ |              |
| 2909 Aug 22 11:20    0°頃  | max. Earth dist.  | 2909 Jul 19 10:12 | 27° <b>©</b> 27'51 | 1.01629 AU  |                     | 2914 Apr 20 01:10 | 0° <b>႘</b>                  |              |
| 2909 Aug 22 11:20    0°頃  |                   | 2909 Jul 22 02:00 | $0^{\circ}\Omega$  |             |                     | 2914 May 20 17:59 | $\Pi^{\circ}0$               |              |
| 2909 Nov 22 09:29   0°水   2914 Jul 22 07:00   0°瓜   2914 Aug 22 16:19   0°顶   2909 Nov 22 09:29   0°水   2914 Aug 22 16:19   0°顶   2915 Aug 20 10:57   0°顶   1914 Aug 20 10:40   1914  |                   | 2909 Aug 22 11:20 | 0° <b>m</b>        |             |                     | 2914 Jun 20 21:26 | 0°50                         |              |
| 2909 Nov 22 09:29   0°ネ   2914 Aug 22 16:19   0°順   2909 Dec 22 02:54   0°石   2914 Sep 22 19:05   0°瓜   2914 Nov 22 14:38   0°ネ   2910 Jan 20 14:43   0°≈   2910 Feb 19 02:50   0°光   2910 Mar 20 21:04   0°°   |                   | 2909 Sep 22 14:04 | 0∘ <b>⊽</b>        |             | max. Earth dist.    | 2914 Jul 19 16:21 | 27° <b>5</b> 30'34           | 1.01629 AU   |
| min. Earth dist. 2910 Jan 18 17:42 28°305'25 0.98365 AU 2914 Sep 22 19:05 0°重 2914 Nov 22 14:38 0°ズ 2910 Feb 19 02:50 0°光 2910 Mar 20 21:04 0°℃ min. Earth dist. 2910 Mar 20 21:04 0°℃ min. Earth dist. 2915 Jan 20 02:25 29°315'17 0.98367 AU 2910 May 20 18:43 0°Ⅱ 2910 Jun 20 22:17 0°⑤ 2910 Jun 20 22:17 0°⑥ 2915 May 20 23:50 0°Ⅱ 2915 May 20 23:50 0°Ⅲ 2910 Jun 20 22:17 10°顺 2910 Jun 20 22:17 10°顺 2910 Jun 20 22:17 10°顺 2910 Jun 20 23:50 0°Ⅲ 2910 Jun 20 20:50 0°⑤ 200 200 200 200 200 200 200 200 200 20  |                   | 2909 Oct 23 05:52 | 0°M                |             |                     | 2914 Jul 22 07:00 | $0^{\circ}\Omega$            |              |
| min. Earth dist. 2910 Jan 18 17:42 28°る5'25 0.98365 AU 2914 Oct 23 10:57 0°   |                   | 2909 Nov 22 09:29 | 0° <b>∡</b> ¹      |             |                     | 2914 Aug 22 16:19 | O° My                        |              |
| 2910 Jan 20 14:43 0°無 2914 Nov 22 14:38 0°え 2914 Dec 22 08:08 0°る 2910 Mar 20 21:04 0°Y min. Earth dist. 2915 Jan 20 02:25 29で315'17 0.98367 AU 2910 May 20 18:43 0°耳 2910 Jun 20 22:17 0°⑤ 2910 Jul 22 06:16 29°⑤56'06 1.01631 AU 2915 Jan 20 02:25 0°당 19 08:05 0°円 2915 May 20 23:50 0°耳 2910 Jul 22 07:54 0°の 2910 Jul 21 03:19 0°©   |                   | 2909 Dec 22 02:54 | 0° <b>ට</b>        |             |                     | 2914 Sep 22 19:05 | 0 <b>∘</b> ⊽                 |              |
| 2910 Feb 19 02:50 0°米 2914 Dec 22 08:08 0° る 2916 Mar 20 21:04 0° Ŷ min. Earth dist. 2915 Jan 20 02:25 29° ろ15'17 0.98367 AU 2910 Apr 20 01:48 0° と 2915 Jan 20 02:25 29° ろ15'17 0.98367 AU 2910 May 20 18:43 0° 耳 2915 Feb 19 08:05 0°米 2915 Mar 21 02:18 0° Ŷ max. Earth dist. 2910 Jul 22 06:16 29° 多56'06 1.01631 AU 2910 Jul 22 07:54 0° 和 2915 May 20 23:50 0° 耳 2915 May 20 23:50 0° 耳 2910 Aug 22 17:11 0° ♥  | min. Earth dist.  | 2910 Jan 18 17:42 | 28° <b>る</b> 05'25 | 0.98365 AU  |                     | 2914 Oct 23 10:57 | $0^{\circ}$ M.               |              |
| 2910 Mar 20 21:04   0°Y   min. Earth dist.   2915 Jan 20 02:25   29°3 15'17   0.98367 AU 2910 Apr 20 01:48   0°8   2915 Jan 20 19:58   0°≈   2915 Jan 20 19:58   0°≈   2915 Feb 19 08:05   0°升   2915 Mar 21 02:18   0°介   2915 Mar 20 20:25   0°升   2915 Mar 20 20:25   0°元   2915 Mar 20 20:25   2915 Mar   |                   | 2910 Jan 20 14:43 |                    |             |                     | 2914 Nov 22 14:38 | 0° <b>∡</b> ″                |              |
| 2910 Apr 20 01:48   0°♥   2915 Jan 20 19:58   0°∞   |                   | 2910 Feb 19 02:50 |                    |             |                     | 2914 Dec 22 08:08 | ರ°ರ                          |              |
| 2910 May 20 18:43 0°耳 2915 Feb 19 08:05 0°光 2910 Jun 20 22:17 0°⑤ 2910 Jul 22 06:16 29°⑤56'06 1.01631 AU 2915 Apr 20 06:59 0°日 2910 Jul 22 07:54 0°和 2910 Jul 22 07:54 0°和 2915 Jun 21 03:19 0°⑤ 10 2910 Jul 22 17:11 0°順 2915 Jun 21 03:19 0°⑤ 10 2915 Jun 21 03:19 0°⑤ 10 2915 Jun 21 03:19 0°⑥ 10 2915 Jun 21 03:19 0° 10 2915  |                   | 2910 Mar 20 21:04 |                    |             | min. Earth dist.    | 2915 Jan 20 02:25 |                              | 0.98367 AU   |
| 2910 Jun   20 22:17   0°S   2915 Mar 21 02:18   0°Υ     max. Earth dist.   2910 Jul   22 06:16   29°S 56'06   1.01631 AU   2915 Apr 20 06:59   0°U     2910 Jul   22 07:54   0°Ω   2915 May 20 23:50   0°U     2910 Aug 22 17:11   0°TO   2915 Jun 21 03:19   0°S   |                   | 2910 Apr 20 01:48 |                    |             |                     | 2915 Jan 20 19:58 |                              |              |
| max. Earth dist. 2910 Jul 22 06:16 29°S56'06 1.01631 AU 2915 Apr 20 06:59 0°S 2910 Jul 22 07:54 0°N 2915 May 20 23:50 0°∏ 2910 Aug 22 17:11 0°N 2915 Jun 21 03:19 0°S   |                   | •                 |                    |             |                     | 2915 Feb 19 08:05 |                              |              |
| 2910 Jul 22 07:54 0° $\Omega$ 2915 May 20 23:50 0° $\Pi$ 2910 Aug 22 17:11 0° $\mathfrak{m}$ 2915 Jun 21 03:19 0° $\mathfrak{G}$  |                   |                   |                    |             |                     |                   |                              |              |
| 2910 Aug 22 17:11 0° Mp 2915 Jun 21 03:19 0° 55   | max. Earth dist.  |                   |                    | 1.01631 AU  |                     | =                 |                              |              |
|   |                   |                   |                    |             |                     |                   |                              |              |
| 2910 Sep 22 19:54 0° 42 max. Earth dist. 2915 Jul 22 10:04 29° 53'13 1.01627 AU   |                   | •                 |                    |             |                     |                   | _                            | 1.01/25 : *- |
|   |                   | 2910 Sep 22 19:54 | 0.77               |             | max. Earth dist.    | 2915 Jul 22 10:04 | 29~2053'13                   | 1.0162/ AU   |

2925 Jan 20 05:58

0°≈

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2920 Apr 19 11:41

|                  | 2025 F.1. 10. 10.05                     | 001/                          |             |                  | 2020 D 21 22 21                        | 00-                      |             |
|------------------|---|-------------------------------|-------------|------------------|--|--------------------------|-------------|
|                  | 2925 Feb 18 18:05                       | 0° <b>)</b> €                 |             |                  | 2929 Dec 21 23:21                      | 0°궁                      |             |
|                  | 2925 Mar 20 12:15                       | 0° <b>Υ</b>                   |             | min. Earth dist. | 2930 Jan 18 20:43                      | 28° <b>る</b> 21'54       | 0.98374 AU  |
|                  | 2925 Apr 19 16:51                       | 0°B                           |             |                  | 2930 Jan 20 11:14                      | 0° <b>≈</b>              |             |
|                  | 2925 May 20 09:36                       | $\Pi^{\circ}0$                |             |                  | 2930 Feb 18 23:21                      | 0° <b>∀</b>              |             |
|                  | 2925 Jun 20 13:02                       | 0ಂತ                           |             |                  | 2930 Mar 20 17:31                      | 0° <b>Y</b>              |             |
| max. Earth dist. | 2925 Jul 19 10:31                       | 27° <b>©</b> 36'42            | 1.01629 AU  |                  | 2930 Apr 19 22:05                      | 0°8                      |             |
|                  | 2925 Jul 21 22:35                       | $0 {\circ} \Omega$            |             |                  | 2930 May 20 14:48                      | $\Pi$ $^{\circ}0$        |             |
|                  | 2925 Aug 22 07:55                       | 0° <b>m</b>                   |             |                  | 2930 Jun 20 18:13                      | 0                        |             |
|                  | 2925 Sep 22 10:44                       | 0∘ <b>⊽</b>                   |             | max. Earth dist. | 2930 Jul 20 03:14                      | 28° <b>©</b> 04'11       | 1.01632 AU  |
|                  | 2925 Oct 23 02:39                       | 0°M                           |             |                  | 2930 Jul 22 03:47                      | $0 {\circ} \Omega$       |             |
|                  | 2925 Nov 22 06:22                       | 0° <b>∡</b> ¹                 |             |                  | 2930 Aug 22 13:08                      | 0° <b>m</b> )            |             |
|                  | 2925 Dec 21 23:54                       | 0°ප                           |             |                  | 2930 Sep 22 15:57                      | 0∘ <b>ত</b>              |             |
| min. Earth dist. | 2926 Jan 19 11:37                       | 28° <b>る</b> 58'27            | 0.98369 AU  |                  | 2930 Oct 23 07:53                      | 0° <b>M</b> ₊            |             |
|                  | 2926 Jan 20 11:48                       | 0° <b>≈</b>                   |             |                  | 2930 Nov 22 11:37                      | 0° <b>∡</b> ¹            |             |
|                  | 2926 Feb 18 23:57                       | 0° <b>∀</b>                   |             |                  | 2930 Dec 22 05:10                      | ა∘გ                      |             |
|                  | 2926 Mar 20 18:10                       | $0$ $\circ$ $\Upsilon$        |             |                  | 2931 Jan 20 17:03                      | 0° <b>≈</b>              |             |
|                  | 2926 Apr 19 22:48                       | $6^{\circ}B$                  |             | min. Earth dist. | 2931 Jan 20 18:29                      | 0° <b>≈</b> 03'38        | 0.98369 AU  |
|                  | 2926 May 20 15:35                       | $\Pi^{\circ}0$                |             |                  | 2931 Feb 19 05:09                      | 0° <b>∀</b>              |             |
|                  | 2926 Jun 20 19:00                       | 0ංම                           |             |                  | 2931 Mar 20 23:18                      | $0^{\circ}$ Y            |             |
|                  | 2926 Jul 22 04:32                       | $0^{\circ}\Omega$             |             |                  | 2931 Apr 20 03:51                      | 0°8                      |             |
| max. Earth dist. | 2926 Jul 22 12:42                       | 0° <b>Ω</b> 19'28             | 1.01626 AU  |                  | 2931 May 20 20:36                      | $\Pi^{\circ}0$           |             |
|                  | 2926 Aug 22 13:50                       | 0° m                          |             |                  | 2931 Jun 21 00:02                      | 0ം <b>ഉ</b>              |             |
|                  | 2926 Sep 22 16:38                       | $0$ o $\overline{\mathbf{v}}$ |             | max. Earth dist. | 2931 Jul 21 12:44                      | 29° <b>©</b> 10'09       | 1.01629 AU  |
|                  | 2926 Oct 23 08:32                       | 0° <b>M</b>                   |             |                  | 2931 Jul 22 09:38                      | $0^{\circ}\Omega$        |             |
|                  | 2926 Nov 22 12:18                       | 0° <b>∡</b> 7                 |             |                  | 2931 Aug 22 19:03                      | 0° m)                    |             |
|                  | 2926 Dec 22 05:50                       | 0°₹                           |             |                  | 2931 Sep 22 21:55                      | 0∘ <b>⊽</b>              |             |
| min. Earth dist. | 2927 Jan 18 11:57                       |                               | 0.98371 AU  |                  | 2931 Oct 23 13:51                      | 0°M                      |             |
| mm. Earth dist.  | 2927 Jan 20 17:42                       | 0°≈                           | 0.90371710  |                  | 2931 Nov 22 17:34                      | 0°× <b>7</b> 1           |             |
|                  | 2927 Feb 19 05:48                       | 0° <b>)</b> €                 |             |                  | 2931 Dec 22 11:03                      | °ਨ<br>ਨ                  |             |
|                  | 2927 Mar 20 23:57                       | 0° <b>Υ</b>                   |             | min. Earth dist. | 2932 Jan 18 18:46                      | 。3<br>27° <b>る</b> 47'19 | 0.98365 AU  |
|                  | 2927 Apr 20 04:32                       | 0°8                           |             | mm. Latin dist.  | 2932 Jan 20 22:53                      | 27 <b>⊙</b> 4717         | 0.76303 AC  |
|                  | 2927 Apr 20 04:32<br>2927 May 20 21:18  | 0°II                          |             |                  | 2932 Feb 19 10:56                      | 0° <b>∀</b>              |             |
|                  | 2927 Jun 21 00:43                       | 0°©                           |             |                  | 2932 Mar 20 05:04                      | 0° <b>Υ</b>              |             |
| max. Earth dist. | 2927 Juli 21 00:43<br>2927 Jul 21 02:18 | 28° <b>©</b> 43'43            | 1.01633 AU  |                  | 2932 Apr 19 09:39                      | 0°8                      |             |
| max. Earth dist. | 2927 Jul 21 02:18<br>2927 Jul 22 10:16  | 28 <b>3</b> 43 43             | 1.01033 AU  |                  | 2932 Apr 19 09:39<br>2932 May 20 02:25 | 0°U                      |             |
|                  | 2927 Aug 22 19:37                       | 0° <b>m</b>                   |             |                  | 2932 Jun 20 05:53                      | 0°©                      |             |
|                  | •                                       | 0° <del>ت</del>               |             | max. Earth dist. | 2932 Jul 20 03:53<br>2932 Jul 21 09:54 | 29° <b>©</b> 46'38       | 1.01636 AU  |
|                  | 2927 Sep 22 22:26                       |                               |             | max. Earth dist. |  |                          | 1.01030 AU  |
|                  | 2927 Oct 23 14:22<br>2927 Nov 22 18:08  | 0°M₊                          |             |                  | 2932 Jul 21 15:30                      | 0° <b>Ω</b>              |             |
|                  |   | 0° <b>⊀</b>                   |             |                  | 2932 Aug 22 00:53                      | 0° <b>m</b> )            |             |
|                  | 2927 Dec 22 11:40                       | 0° <b>ਰ</b>                   |             |                  | 2932 Sep 22 03:45                      | 0∘ <b>m</b>              |             |
| : E 4 E 4        | 2928 Jan 20 23:32                       | 0°≈                           | 0.00260 ATT |                  | 2932 Oct 22 19:41                      | 0°M                      |             |
| min. Earth dist. | 2928 Jan 21 08:23                       | 0°≈22'32                      | 0.98369 AU  |                  | 2932 Nov 21 23:24                      | 0° <b>⊼</b>              |             |
|                  | 2928 Feb 19 11:36                       | 0° <b>)</b> €                 |             | i Datis          | 2932 Dec 21 16:53                      | 0°る                      | 0.00260.441 |
|                  | 2928 Mar 20 05:44                       | $^{\circ \gamma}$             |             | min. Earth dist. | 2933 Jan 19 19:06                      | 29° <b>る</b> 35'35       | 0.98368 AU  |
|                  | 2928 Apr 19 10:19                       | 0°8                           |             |                  | 2933 Jan 20 04:41                      | 0° <b>≈</b>              |             |
|                  | 2928 May 20 03:07                       | 0°II                          |             |                  | 2933 Feb 18 16:43                      | 0° <b>)</b> €            |             |
| F 4 F 4          | 2928 Jun 20 06:36                       | 0°95                          | 1.01/20.411 |                  | 2933 Mar 20 10:50                      | 0° <b>Υ</b>              |             |
| max. Earth dist. | 2928 Jul 19 09:13                       | 27°548'51                     | 1.01629 AU  |                  | 2933 Apr 19 15:25                      | 0° <b>∀</b>              |             |
|                  | 2928 Jul 21 16:13                       | $\Omega^{\circ}\Omega$        |             |                  | 2933 May 20 08:10                      | 0°Ⅱ                      |             |
|                  | 2928 Aug 22 01:34                       | 0° <b>m</b>                   |             | n d r            | 2933 Jun 20 11:36                      | 0°95                     | 1.01/21.411 |
|                  | 2928 Sep 22 04:23                       | 0∘ <b>亚</b>                   |             | max. Earth dist. | 2933 Jul 19 12:28                      | 27°5544'44               | 1.01631 AU  |
|                  | 2928 Oct 22 20:16                       | 0° <b>M</b>                   |             |                  | 2933 Jul 21 21:10                      | 0° <b>N</b>              |             |
|                  | 2928 Nov 21 23:59                       | 0° <b>∡</b> 7                 |             |                  | 2933 Aug 22 06:32                      | 0° <b>m</b> y            |             |
|                  | 2928 Dec 21 17:30                       | 0° <b>ろ</b>                   |             |                  | 2933 Sep 22 09:23                      | 0∘ <b>⊽</b>              |             |
| min. Earth dist. | 2929 Jan 18 13:34                       | 28° <b>る</b> 18'41            | 0.98368 AU  |                  | 2933 Oct 23 01:21                      | 0° <b>™</b>              |             |
|                  | 2929 Jan 20 05:23                       | 0° <b>≈</b>                   |             |                  | 2933 Nov 22 05:08                      | 0° <b>∡</b>              |             |
|                  | 2929 Feb 18 17:29                       | 0° <b>∀</b>                   |             |                  | 2933 Dec 21 22:41                      | 0°る                      |             |
|                  | 2929 Mar 20 11:39                       | 0° <b>Υ</b>                   |             | min. Earth dist. | 2934 Jan 19 22:21                      | 29° <b>る</b> 29'00       | 0.98365 AU  |
|                  | 2929 Apr 19 16:16                       | 0°8                           |             |                  | 2934 Jan 20 10:32                      | 0° <b>≈</b>              |             |
|                  | 2929 May 20 09:05                       | 0° <b>Ⅱ</b>                   |             |                  | 2934 Feb 18 22:35                      | 0° <b>)</b> €            |             |
|                  | 2929 Jun 20 12:35                       | 0°€                           |             |                  | 2934 Mar 20 16:41                      | 0° <b>Υ</b>              |             |
|                  | 2929 Jul 21 22:11                       | $0$ $\circ$ $\Omega$          |             |                  | 2934 Apr 19 21:14                      | 0°8                      |             |
| max. Earth dist. | 2929 Jul 22 01:08                       | 0° <b>Ω</b> 07'01             | 1.01631 AU  |                  | 2934 May 20 13:59                      | 0°П                      |             |
|                  | 2929 Aug 22 07:31                       | 0° <b>m</b>                   |             |                  | 2934 Jun 20 17:25                      | 0°©                      |             |
|                  | 2929 Sep 22 10:16                       | 0∘ <b>⊽</b>                   |             | max. Earth dist. | 2934 Jul 22 08:06                      | 0°Ω12'11                 | 1.01628 AU  |
|                  | 2929 Oct 23 02:08                       | 0° <b>M</b>                   |             |                  | 2934 Jul 22 03:00                      | $0$ ° $\Omega$           |             |
|                  | 2929 Nov 22 05:49                       | 0°⊀                           |             |                  | 2934 Aug 22 12:21                      | 0° <b>™</b>              |             |
|                  |   |                               |             |                  |  |                          |             |

|                   | 2934 Sep 22 15:12 | 0 <b>∘</b>                |             | max. Earth dist.    | 2939 Jul 21 00:57                      |                               | 1.01625 AU  |
|-------------------|-------------------|---------------------------|-------------|---------------------|--|-------------------------------|-------------|
|                   | 2934 Oct 23 07:11 | $0^{\circ}$ M.            |             |                     | 2939 Jul 22 07:45                      | $0 {\circ} \Omega$            |             |
|                   | 2934 Nov 22 11:00 | 0°⋪                       |             |                     | 2939 Aug 22 17:07                      | 0° <b>m</b> y                 |             |
|                   | 2934 Dec 22 04:36 | 0°ප                       |             |                     | 2939 Sep 22 20:00                      | 0∘ <b>⊽</b>                   |             |
| min. Earth dist.  | 2935 Jan 18 16:10 | 27° <b>ප්</b> 57'01       | 0.98368 AU  |                     | 2939 Oct 23 12:01                      | 0°M                           |             |
|                   | 2935 Jan 20 16:28 | 0° <b>≈</b>               |             |                     | 2939 Nov 22 15:51                      | 0° <b>∡</b> 7                 |             |
|                   | 2935 Feb 19 04:29 | 0° <b>∀</b>               |             |                     | 2939 Dec 22 09:27                      | 8°0                           |             |
|                   | 2935 Mar 20 22:31 | $0$ ° $\mathbf{\Upsilon}$ |             | min. Earth dist.    | 2940 Jan 19 04:33                      | 28° <b>る</b> 16'09            | 0.98368 AU  |
|                   | 2935 Apr 20 02:58 | $9^{\circ}$ 8             |             |                     | 2940 Jan 20 21:21                      | 0° <b>≈</b>                   |             |
|                   | 2935 May 20 19:38 | $\Pi^{\circ}0$            |             |                     | 2940 Feb 19 09:24                      | 0° <b>)</b> €                 |             |
|                   | 2935 Jun 20 23:02 | $0$ $\circ$ $\odot$       |             |                     | 2940 Mar 20 03:29                      | $0^{\circ}$ Y                 |             |
| max. Earth dist.  | 2935 Jul 21 12:43 | 29° <b>©</b> 12'31        | 1.01637 AU  |                     | 2940 Apr 19 08:00                      | 0° <b>႘</b>                   |             |
|                   | 2935 Jul 22 08:37 | $0^{\circ}\Omega$         |             |                     | 2940 May 20 00:42                      | $\Pi^{\circ}0$                |             |
|                   | 2935 Aug 22 18:01 | 0° <b>m</b>               |             |                     | 2940 Jun 20 04:07                      | 0°ಲಾ                          |             |
|                   | 2935 Sep 22 20:55 | 0∘ <b>ত</b>               |             |                     | 2940 Jul 21 13:40                      | $0^{\circ}\Omega$             |             |
|                   | 2935 Oct 23 12:55 | 0°M,                      |             | max. Earth dist.    | 2940 Jul 21 16:37                      |                               | 1.01631 AU  |
|                   | 2935 Nov 22 16:44 | 0° <b>∡</b> ¹             |             |                     | 2940 Aug 21 23:01                      | 0° <b>m</b> )                 |             |
|                   | 2935 Dec 22 10:20 | 0°ರ                       |             |                     | 2940 Sep 22 01:51                      | 0° <u>ٽ</u>                   |             |
|                   | 2936 Jan 20 22:13 | 0° <b>≈</b>               |             |                     | 2940 Oct 22 17:49                      | 0°M                           |             |
| min. Earth dist.  | 2936 Jan 21 12:11 | 0°≈35'35                  | 0.98370 AU  |                     | 2940 Nov 21 21:37                      | 0° <b>∡</b> ¹                 |             |
|                   | 2936 Feb 19 10:16 | 0° <b>∀</b>               |             |                     | 2940 Dec 21 15:12                      | 0°る                           |             |
|                   | 2936 Mar 20 04:18 | $0^{\circ}\Upsilon$       |             | min. Earth dist.    | 2941 Jan 19 10:02                      | 29° <b>ට</b> 16'30            | 0.98374 AU  |
|                   | 2936 Apr 19 08:45 | 0°8                       |             | min. Burun dige.    | 2941 Jan 20 03:06                      | 0° <b>≈</b>                   | 0.50571110  |
|                   | 2936 May 20 01:25 | 0°II                      |             |                     | 2941 Feb 18 15:11                      | 0° <b>)</b> €                 |             |
|                   | 2936 Jun 20 04:49 | 0°©                       |             |                     | 2941 Mar 20 09:17                      | 0° <b>Υ</b>                   |             |
| max. Earth dist.  | 2936 Jul 19 09:42 | 27° <b>9</b> 54'18        | 1.01631 AU  |                     | 2941 Apr 19 13:48                      | 0°8                           |             |
| max. Lattii dist. | 2936 Jul 21 14:25 | 0°Ω                       | 1.01031 AC  |                     | 2941 May 20 06:29                      | 0°II                          |             |
|                   | 2936 Aug 21 23:50 | 0° <b>m</b>               |             |                     | 2941 Jun 20 09:51                      | 0ಂ <b>ತಾ</b>                  |             |
|                   | 2936 Sep 22 02:43 | 0° <del>ت</del>           |             | max. Earth dist.    | 2941 Jul 19 16:20                      |                               | 1.01629 AU  |
|                   | 2936 Oct 22 18:42 | 0° <b>m</b>               |             | max. Earth dist.    | 2941 Jul 21 19:22                      | 27 <b>3</b> 38 13             | 1.01029 AU  |
|                   | 2936 Nov 21 22:29 | 0° <b>⊼</b> 1             |             |                     | 2941 Jul 21 19:22<br>2941 Aug 22 04:42 | 0°M)                          |             |
|                   | 2936 Dec 21 16:03 | 0°중                       |             |                     | 2941 Aug 22 04.42<br>2941 Sep 22 07:31 | 0∘ <b>⊽</b>                   |             |
| min. Earth dist.  | 2937 Jan 18 23:40 | 28°る48'00                 | 0.98369 AU  |                     |  | 0° <b>™</b>                   |             |
| mm. Earm dist.    |                   | 28 O48 00<br>0°≈          | 0.98309 AU  |                     | 2941 Oct 22 23:29                      |                               |             |
|                   | 2937 Jan 20 03:57 | 0° <b>∺</b>               |             |                     | 2941 Nov 22 03:18                      | 0°⋜                           |             |
|                   | 2937 Feb 18 16:03 | 0° <b>Υ</b>               |             | min. Earth dist.    | 2941 Dec 21 20:55                      | 0°る<br>29° <b>る</b> 51'59     | 0.98371 AU  |
|                   | 2937 Mar 20 10:11 | 0°8                       |             | iiiii. Eartii dist. | 2942 Jan 20 05:43<br>2942 Jan 20 08:51 | 29 <b>©</b> 31 39 0° <b>≈</b> | 0.983/1 AU  |
|                   | 2937 Apr 19 14:42 | 0°II                      |             |                     |  | 0 ≈<br>0° <b>∺</b>            |             |
|                   | 2937 May 20 07:24 |                           |             |                     | 2942 Feb 18 20:59                      | 0 X<br>0°Υ                    |             |
|                   | 2937 Jun 20 10:47 | 0° <b>⊙</b>               |             |                     | 2942 Mar 20 15:07                      | • •                           |             |
| Faul dia          | 2937 Jul 21 20:19 | 0° <b>Ω</b>               | 1.01/20 ATT |                     | 2942 Apr 19 19:38                      | 0° <b>Β</b>                   |             |
| max. Earth dist.  | 2937 Jul 22 09:44 | 0° <b>£</b> 32′00         | 1.01629 AU  |                     | 2942 May 20 12:18                      | 0° <b>Ⅱ</b>                   |             |
|                   | 2937 Aug 22 05:41 | 0° <b>™</b>               |             | E d E d             | 2942 Jun 20 15:41                      | 0.00<br>0.00                  | 1.01/2/ 411 |
|                   | 2937 Sep 22 08:32 | 0∘ <b>亚</b>               |             | max. Earth dist.    | 2942 Jul 21 23:12                      | 29° <b>©</b> 55'10            | 1.01626 AU  |
|                   | 2937 Oct 23 00:30 | 0°M₊                      |             |                     | 2942 Jul 22 01:14                      | 0° <b>N</b>                   |             |
|                   | 2937 Nov 22 04:18 | 0° <b>⊀</b>               |             |                     | 2942 Aug 22 10:35                      | 0° <b>m</b>                   |             |
| : E 4 E 4         | 2937 Dec 21 21:52 | 0°る                       | 0.00275 ATT |                     | 2942 Sep 22 13:27                      | 0∘ <b>ѿ</b>                   |             |
| min. Earth dist.  | 2938 Jan 18 13:42 | 28° <b>⋜</b> 07'45        | 0.98375 AU  |                     | 2942 Oct 23 05:26                      | 0°M<br>0°. <b>7</b>           |             |
|                   | 2938 Jan 20 09:46 | 0° <b>≈</b>               |             |                     | 2942 Nov 22 09:14                      | 0° <b>∡</b> 7                 |             |
|                   | 2938 Feb 18 21:53 | 0° <b>∀</b>               |             | i E d Ed            | 2942 Dec 22 02:50                      | 0°る                           | 0.00260 ATT |
|                   | 2938 Mar 20 16:00 | $^{\circ \gamma}$         |             | min. Earth dist.    | 2943 Jan 18 14:09                      | 27°る56'17                     | 0.98369 AU  |
|                   | 2938 Apr 19 20:30 | 8°0                       |             |                     | 2943 Jan 20 14:44                      | 0° <b>≈</b>                   |             |
|                   | 2938 May 20 13:08 | 0° <b>I</b> I             |             |                     | 2943 Feb 19 02:49                      | 0° <b>){</b>                  |             |
| 79 at 15 a        | 2938 Jun 20 16:26 | 0°©                       | 1.01600.477 |                     | 2943 Mar 20 20:53                      | 0° <b>Υ</b>                   |             |
| max. Earth dist.  | 2938 Jul 20 14:56 | 28°936'35                 | 1.01629 AU  |                     | 2943 Apr 20 01:22                      | 0° <b>X</b>                   |             |
|                   | 2938 Jul 22 01:54 | 0°N                       |             |                     | 2943 May 20 18:01                      | 0°II                          |             |
|                   | 2938 Aug 22 11:13 | 0° <b>m</b>               |             | P. 4 P.             | 2943 Jun 20 21:23                      | 0°©                           |             |
|                   | 2938 Sep 22 14:06 | 0∘ <b>⊽</b>               |             | max. Earth dist.    | 2943 Jul 21 21:38                      |                               | 1.01635 AU  |
|                   | 2938 Oct 23 06:08 | 0° <b>M</b>               |             |                     | 2943 Jul 22 06:57                      | 0° <b>N</b>                   |             |
|                   | 2938 Nov 22 10:00 | 0° <b>∡</b>               |             |                     | 2943 Aug 22 16:21                      | 0° <b>m</b> )                 |             |
|                   | 2938 Dec 22 03:38 | 5°0                       |             |                     | 2943 Sep 22 19:16                      | 0∘ <b>ѿ</b>                   |             |
|                   | 2939 Jan 20 15:32 | 0° <b>≈</b>               | 0.00071 ::: |                     | 2943 Oct 23 11:17                      | 0°M<br>0°. <b>₹</b>           |             |
| min. Earth dist.  | 2939 Jan 21 02:40 | 0°≈28'18                  | 0.98371 AU  |                     | 2943 Nov 22 15:06                      | 0° <b>⊼</b>                   |             |
|                   | 2939 Feb 19 03:37 | 0° <b>∀</b>               |             |                     | 2943 Dec 22 08:40                      | 5°0                           |             |
|                   | 2939 Mar 20 21:43 | $^{\circ \gamma}$         |             | t an at at a        | 2944 Jan 20 20:32                      | 0°≈                           | 0.00270 117 |
|                   | 2939 Apr 20 02:13 | 0° <b>K</b>               |             | min. Earth dist.    | 2944 Jan 21 03:36                      | 0°≈18'01                      | 0.98370 AU  |
|                   | 2939 May 20 18:53 | 0° <b>Ⅱ</b>               |             |                     | 2944 Feb 19 08:34                      | 0° <b>)</b> €                 |             |
|                   | 2939 Jun 20 22:14 | 0ංම                       |             |                     | 2944 Mar 20 02:39                      | 0° <b>Ƴ</b>                   |             |

|                     | 2944 Apr 19 07:08                      | 0° <b>႘</b>                   |            |                      | 2949 Jan 20 01:57                      | 0° <b>≈</b>                   |            |
|---------------------|--|-------------------------------|------------|----------------------|--|-------------------------------|------------|
|                     | 2944 Apr 19 07:08<br>2944 May 19 23:48 | 0°II                          |            |                      | 2949 Feb 18 14:01                      | 0° <b>∺</b>                   |            |
|                     | 2944 Jun 20 03:12                      | 0°©                           |            |                      | 2949 Mar 20 08:06                      | 0°Υ                           |            |
| max. Earth dist.    | 2944 Jul 19 07:42                      |                               | 1.01632 AU |                      | 2949 Apr 19 12:32                      | 0°8                           |            |
| max. Dartii dist.   | 2944 Jul 21 12:47                      | 0° <b>Ω</b>                   | 1.01032710 |                      | 2949 May 20 05:08                      | 0°II                          |            |
|                     | 2944 Aug 21 22:12                      | 0° mp                         |            |                      | 2949 Jun 20 08:24                      | 0.ee                          |            |
|                     | 2944 Sep 22 01:08                      | 0∘ <u>⊽</u>                   |            | max. Earth dist.     | 2949 Jul 20 03:05                      | 28°527'25                     | 1.01630 AU |
|                     | 2944 Oct 22 17:09                      | 0°M                           |            |                      | 2949 Jul 21 17:53                      | $0^{\circ}\Omega$             |            |
|                     | 2944 Nov 21 20:58                      | 0° <b>∡</b> ¹                 |            |                      | 2949 Aug 22 03:14                      | o° mp                         |            |
|                     | 2944 Dec 21 14:32                      | 5°0                           |            |                      | 2949 Sep 22 06:09                      | 0∘ <b>⊽</b>                   |            |
| min. Earth dist.    | 2945 Jan 19 07:27                      | 29° <b>る</b> 11'48            | 0.98364 AU |                      | 2949 Oct 22 22:14                      | $0^{\circ}$ M                 |            |
|                     | 2945 Jan 20 02:23                      | 0° <b>≈</b>                   |            |                      | 2949 Nov 22 02:08                      | 0° <b>∡</b>                   |            |
|                     | 2945 Feb 18 14:25                      | 0° <b>)</b> €                 |            |                      | 2949 Dec 21 19:48                      | 5°0                           |            |
|                     | 2945 Mar 20 08:31                      | $0$ ° $\mathbf{Y}$            |            |                      | 2950 Jan 20 07:44                      | 0° <b>≈</b>                   |            |
|                     | 2945 Apr 19 13:02                      | 0°8                           |            | min. Earth dist.     | 2950 Jan 20 14:03                      |                               | 0.98371 AU |
|                     | 2945 May 20 05:45                      | $\Pi$ °0                      |            |                      | 2950 Feb 18 19:50                      | 0° <b>∀</b>                   |            |
|                     | 2945 Jun 20 09:10                      | 0°®                           |            |                      | 2950 Mar 20 13:55                      | 0° <b>Y</b>                   |            |
|                     | 2945 Jul 21 18:44                      | $0$ ° $\Omega$                |            |                      | 2950 Apr 19 18:23                      | 0° <b>8</b>                   |            |
| max. Earth dist.    | 2945 Jul 22 07:49                      |                               | 1.01630 AU |                      | 2950 May 20 10:59                      | 0° <b>I</b>                   |            |
|                     | 2945 Aug 22 04:08                      | 0 <b>் ம</b><br>0 <b>் மி</b> |            |                      | 2950 Jun 20 14:16                      | 0.ಲ                           |            |
|                     | 2945 Sep 22 07:02                      | 0° <b>M</b>                   |            | max. Earth dist.     | 2950 Jul 21 23:45<br>2950 Jul 21 14:26 | 0° <b>Ω</b>                   | 1.01623 AU |
|                     | 2945 Oct 22 23:03<br>2945 Nov 22 02:54 | 0°11℃<br>0° <b>√</b> 7        |            | max. Earm dist.      | 2950 Jul 21 14.26<br>2950 Aug 22 09:06 | 29 37 40<br>0° Mp             | 1.01023 AU |
|                     | 2945 Dec 21 20:30                      | 0°중                           |            |                      | 2950 Sep 22 12:02                      | 0∘ <b>ت</b><br>۱۱۱۸           |            |
| min. Earth dist.    | 2946 Jan 18 11:09                      |                               | 0.98370 AU |                      | 2950 Oct 23 04:07                      | 0° <b>™</b>                   |            |
| mm. Barm alst.      | 2946 Jan 20 08:23                      | 0°≈                           | 0.50570110 |                      | 2950 Nov 22 08:03                      | 0° <b>⊼</b> 7                 |            |
|                     | 2946 Feb 18 20:25                      | 0° <b>)</b> €                 |            |                      | 2950 Dec 22 01:43                      | 0°ਰ                           |            |
|                     | 2946 Mar 20 14:27                      | $0^{\circ}\Upsilon$           |            | min. Earth dist.     | 2951 Jan 18 21:42                      |                               | 0.98368 AU |
|                     | 2946 Apr 19 18:53                      | 0°8                           |            |                      | 2951 Jan 20 13:38                      | 0° <b>≈</b>                   |            |
|                     | 2946 May 20 11:30                      | $\Pi^{\circ}0$                |            |                      | 2951 Feb 19 01:40                      | 0° <b>)</b> €                 |            |
|                     | 2946 Jun 20 14:50                      | $0$ $\circ$ $\odot$           |            |                      | 2951 Mar 20 19:41                      | $0$ ° $\Upsilon$              |            |
| max. Earth dist.    | 2946 Jul 20 22:56                      | 28° <b>©</b> 59'20            | 1.01633 AU |                      | 2951 Apr 20 00:06                      | $9^{\circ}$ 8                 |            |
|                     | 2946 Jul 22 00:22                      | $0$ $^{\circ}\Omega$          |            |                      | 2951 May 20 16:42                      | $\Pi$ °0                      |            |
|                     | 2946 Aug 22 09:44                      | 0°Щ                           |            |                      | 2951 Jun 20 20:01                      | 0°€                           |            |
|                     | 2946 Sep 22 12:40                      | 0∘ <b>⊽</b>                   |            | max. Earth dist.     | 2951 Jul 22 06:40                      | 0° <b>Ω</b> 02'45             | 1.01632 AU |
|                     | 2946 Oct 23 04:45                      | 0°M                           |            |                      | 2951 Jul 22 05:31                      | 0° <b>N</b>                   |            |
|                     | 2946 Nov 22 08:40                      | 0° <b>∡</b>                   |            |                      | 2951 Aug 22 14:53                      | 0° <b>m</b> y                 |            |
|                     | 2946 Dec 22 02:21                      | 5°0                           |            |                      | 2951 Sep 22 17:49                      | 0° <b>Մ</b>                   |            |
| min. Earth dist.    | 2947 Jan 20 14:16<br>2947 Jan 21 08:57 | 0°≈<br>0°≈47'35               | 0.98370 AU |                      | 2951 Oct 23 09:55<br>2951 Nov 22 13:50 | 0°11℃<br>0° <b>√</b> 7        |            |
| iiiii. Eartii tist. | 2947 Jan 21 08:37<br>2947 Feb 19 02:18 | 0 <b>≈</b> 4733               | 0.96370 AU |                      | 2951 Dec 22 07:30                      | 0°중                           |            |
|                     | 2947 Mar 20 20:18                      | 0° <b>Υ</b>                   |            |                      | 2952 Jan 20 19:25                      | 0° <b>≈</b>                   |            |
|                     | 2947 Apr 20 00:42                      | 0°8                           |            | min. Earth dist.     | 2952 Jan 21 01:50                      |                               | 0.98372 AU |
|                     | 2947 May 20 17:18                      | 0°II                          |            | mm. Burur uist.      | 2952 Feb 19 07:27                      | 0° <b>∀</b>                   | 0.90572110 |
|                     | 2947 Jun 20 20:38                      | 0° <b>©</b>                   |            |                      | 2952 Mar 20 01:28                      | $0^{\circ}\mathbf{Y}$         |            |
| max. Earth dist.    | 2947 Jul 20 16:06                      | 28° <b>5</b> 29'07            | 1.01629 AU |                      | 2952 Apr 19 05:52                      | 0°8                           |            |
|                     | 2947 Jul 22 06:12                      | $0^{\circ}\Omega$             |            |                      | 2952 May 19 22:28                      | $\Pi^{\circ}0$                |            |
|                     | 2947 Aug 22 15:39                      | 0° <b>m</b>                   |            |                      | 2952 Jun 20 01:48                      | $0$ $\circ$ $\odot$           |            |
|                     | 2947 Sep 22 18:37                      | 0∘ <b>⊽</b>                   |            | max. Earth dist.     | 2952 Jul 19 09:27                      | 28° <b>©</b> 00'59            | 1.01630 AU |
|                     | 2947 Oct 23 10:42                      | 0° <b>M</b> ₊                 |            |                      | 2952 Jul 21 11:20                      | $0$ $^{\circ}\Omega$          |            |
|                     | 2947 Nov 22 14:35                      | 0° <b>∡</b> ″                 |            |                      | 2952 Aug 21 20:43                      | 0° <b>m</b> )                 |            |
|                     | 2947 Dec 22 08:13                      | 0° <b>ろ</b>                   |            |                      | 2952 Sep 21 23:37                      | 0∘ <b>⊽</b>                   |            |
| min. Earth dist.    | 2948 Jan 19 13:43                      |                               | 0.98367 AU |                      | 2952 Oct 22 15:40                      | 0°M                           |            |
|                     | 2948 Jan 20 20:08                      | 0° <b>≈</b>                   |            |                      | 2952 Nov 21 19:33                      | 0° <b>₹</b>                   |            |
|                     | 2948 Feb 19 08:11                      | 0° <b>∀</b><br>0° <b>Υ</b>    |            | min. Earth dist.     | 2952 Dec 21 13:12                      | 0°る                           | 0.98369 AU |
|                     | 2948 Mar 20 02:12<br>2948 Apr 19 06:37 | 0°8                           |            | iiiii. Eartii tiist. | 2953 Jan 19 18:18<br>2953 Jan 20 01:08 | 29 <b>3</b> 42 30 0° <b>≈</b> | 0.98309 AU |
|                     | 2948 Apr 19 00.37<br>2948 May 19 23:14 | 0°II                          |            |                      | 2953 Feb 18 13:13                      | 0 ≈<br>0° <b>)</b> (          |            |
|                     | 2948 Jun 20 02:35                      | 0°©                           |            |                      | 2953 Mar 20 07:16                      | 0°Υ                           |            |
|                     | 2948 Jul 21 12:09                      | $0^{\circ}\Omega$             |            |                      | 2953 Apr 19 11:43                      | 0°8                           |            |
| max. Earth dist.    | 2948 Jul 22 02:14                      | _                             | 1.01633 AU |                      | 2953 May 20 04:21                      | 0°II                          |            |
|                     | 2948 Aug 21 21:34                      | 0° mp                         |            |                      | 2953 Jun 20 07:42                      | 0ಂತಾ                          |            |
|                     | 2948 Sep 22 00:31                      | 0∘ <b>⊽</b>                   |            |                      | 2953 Jul 21 17:14                      | $0^{\circ}\Omega$             |            |
|                     | 2948 Oct 22 16:34                      | $0^{\circ}$ M.                |            | max. Earth dist.     | 2953 Jul 22 03:48                      | 0° <b>Ω</b> 25′11             | 1.01627 AU |
|                     | 2948 Nov 21 20:25                      | 0°⊀                           |            |                      | 2953 Aug 22 02:37                      | 0° <b>m</b>                   |            |
|                     | 2948 Dec 21 14:02                      | 0°₹                           |            |                      | 2953 Sep 22 05:30                      | 0∘ <b>⊽</b>                   |            |
| min. Earth dist.    | 2949 Jan 18 21:53                      | 28° <b>る</b> 48'31            | 0.98374 AU |                      | 2953 Oct 22 21:32                      | 0°M                           |            |
|                     |  |                               |            |                      |  |                               |            |

|                      | 2953 Nov 22 01:24                      | 0° <b>∡</b> 7                 |            |                     | 2958 Aug 22 07:16                      | 0° m                               |             |
|----------------------|--|-------------------------------|------------|---------------------|--|------------------------------------|-------------|
|                      | 2953 Dec 21 19:03                      | 0°ਰ                           |            |                     | 2958 Sep 22 10:14                      | 0∘ <b>⊽</b>                        |             |
| min. Earth dist.     | 2954 Jan 18 08:58                      | 28° <b>る</b> 02'48            | 0.98374 AU |                     | 2958 Oct 23 02:23                      | 0°M                                |             |
|                      | 2954 Jan 20 07:00                      | 0° <b>≈</b>                   |            |                     | 2958 Nov 22 06:22                      | 0° <b>≯</b>                        |             |
|                      | 2954 Feb 18 19:06                      | 0° <b>)</b> €                 |            |                     | 2958 Dec 22 00:05                      | 0°₹                                |             |
|                      | 2954 Mar 20 13:08                      | $0$ ° $\Upsilon$              |            | min. Earth dist.    | 2959 Jan 19 05:51                      | 28° <b>る</b> 43'12                 | 0.98367 AU  |
|                      | 2954 Apr 19 17:32                      | $8^{\circ}$                   |            |                     | 2959 Jan 20 12:01                      | 0° <b>≈</b>                        |             |
|                      | 2954 May 20 10:04                      | $\mathfrak{I}$ 0°             |            |                     | 2959 Feb 19 00:02                      | 0° <b>)</b> €                      |             |
|                      | 2954 Jun 20 13:20                      | $0$ $\circ$ $\odot$           |            |                     | 2959 Mar 20 17:58                      | $0^{\circ}$ Y                      |             |
| max. Earth dist.     | 2954 Jul 21 09:03                      | 29° <b>5</b> 27'09            | 1.01632 AU |                     | 2959 Apr 19 22:17                      | $9^{\circ}$ 8                      |             |
|                      | 2954 Jul 21 22:49                      | $0^{\circ}\Omega$             |            |                     | 2959 May 20 14:49                      | $\Pi$ °0                           |             |
|                      | 2954 Aug 22 08:11                      | 0° <b>m</b>                   |            |                     | 2959 Jun 20 18:06                      | 0°€                                |             |
|                      | 2954 Sep 22 11:07                      | 0∘ <b>⊽</b>                   |            |                     | 2959 Jul 22 03:38                      | $0$ $\circ$ $\Omega$               |             |
|                      | 2954 Oct 23 03:12                      | 0°M                           |            | max. Earth dist.    | 2959 Jul 22 15:10                      | 0° <b>Ω</b> 27'31                  | 1.01634 AU  |
|                      | 2954 Nov 22 07:07                      | 0° <b>∡</b>                   |            |                     | 2959 Aug 22 13:04                      | 0° <b>m</b>                        |             |
|                      | 2954 Dec 22 00:47<br>2955 Jan 20 12:44 | 0°る<br>0°≈                    |            |                     | 2959 Sep 22 16:04                      | 0° <b>Մ</b>                        |             |
| min. Earth dist.     | 2955 Jan 21 05:25                      | 0 ∞<br>0°≈42'31               | 0.98373 AU |                     | 2959 Oct 23 08:13<br>2959 Nov 22 12:10 | 0° <b>⊼</b> 1                      |             |
| iiiii. Eartii tiist. | 2955 Feb 19 00:48                      | 0 ≈42 31<br>0° <b>H</b>       | 0.96373 AU |                     | 2959 Dec 22 05:53                      | 0°중                                |             |
|                      | 2955 Mar 20 18:50                      | 0° <b>Υ</b>                   |            |                     | 2960 Jan 20 17:49                      | 0° <b>≈</b>                        |             |
|                      | 2955 Apr 19 23:13                      | 0°8                           |            | min. Earth dist.    | 2960 Jan 20 14:45                      | 29° <b>ප</b> 52'11                 | 0.98373 AU  |
|                      | 2955 May 20 15:45                      | 0°II                          |            |                     | 2960 Feb 19 05:51                      | 0° <b>∀</b>                        |             |
|                      | 2955 Jun 20 19:02                      | 0ಂತಾ                          |            |                     | 2960 Mar 19 23:49                      | $0^{\circ}\Upsilon$                |             |
| max. Earth dist.     | 2955 Jul 20 11:01                      | 28° <b>©</b> 20'55            | 1.01629 AU |                     | 2960 Apr 19 04:08                      | 0°8                                |             |
|                      | 2955 Jul 22 04:34                      | $0^{\circ}\Omega$             |            |                     | 2960 May 19 20:38                      | $\Pi$ $^{\circ}0$                  |             |
|                      | 2955 Aug 22 13:59                      | 0° <b>m</b>                   |            |                     | 2960 Jun 19 23:54                      | $0$ $\circ$ $\odot$                |             |
|                      | 2955 Sep 22 16:59                      | 0∘ <b>⊽</b>                   |            | max. Earth dist.    | 2960 Jul 19 17:49                      | 28° <b>©</b> 25'31                 | 1.01633 AU  |
|                      | 2955 Oct 23 09:05                      | 0°M₊                          |            |                     | 2960 Jul 21 09:25                      | $0 {\circ} \Omega$                 |             |
|                      | 2955 Nov 22 12:59                      | 0° <b>∡</b> ¹                 |            |                     | 2960 Aug 21 18:51                      | 0° <b>m</b> y                      |             |
|                      | 2955 Dec 22 06:36                      | 0°る                           |            |                     | 2960 Sep 21 21:50                      | 0∘ <b>⊽</b>                        |             |
| min. Earth dist.     | 2956 Jan 19 19:44                      | 29° <b>る</b> 02'06            | 0.98366 AU |                     | 2960 Oct 22 13:58                      | 0°M<br>0°. <b>₹</b>                |             |
|                      | 2956 Jan 20 18:29                      | 0° <b>≈</b><br>0° <b>∀</b>    |            |                     | 2960 Nov 21 17:54                      | 0°る                                |             |
|                      | 2956 Feb 19 06:31<br>2956 Mar 20 00:32 | 0 <del>Υ</del><br>0° <b>Υ</b> |            |                     | 2960 Dec 21 11:35<br>2961 Jan 19 23:32 | 0°≈                                |             |
|                      | 2956 Apr 19 04:58                      | 0°8                           |            | min. Earth dist.    | 2961 Jan 20 01:35                      | 0 ∞<br>0°≈05'13                    | 0.98370 AU  |
|                      | 2956 May 19 21:34                      | 0°II                          |            | iiiii. Lattii dist. | 2961 Feb 18 11:37                      | 0° <b>∀</b>                        | 0.70370710  |
|                      | 2956 Jun 20 00:54                      | 0°ಅ                           |            |                     | 2961 Mar 20 05:39                      | 0°Υ                                |             |
|                      | 2956 Jul 21 10:27                      | $0^{\circ}\Omega$             |            |                     | 2961 Apr 19 10:02                      | 0°8                                |             |
| max. Earth dist.     | 2956 Jul 22 05:20                      |                               | 1.01631 AU |                     | 2961 May 20 02:35                      | 0°Ⅱ                                |             |
|                      | 2956 Aug 21 19:52                      | 0° <b>m</b>                   |            |                     | 2961 Jun 20 05:51                      | $0$ $\circ$ $\odot$                |             |
|                      | 2956 Sep 21 22:50                      | 0∘ <b>⊽</b>                   |            |                     | 2961 Jul 21 15:21                      | $0^{\circ}\Omega$                  |             |
|                      | 2956 Oct 22 14:56                      | $0^{\circ}$ M                 |            | max. Earth dist.    | 2961 Jul 22 01:27                      | 0° <b>Ω</b> 24'05                  | 1.01626 AU  |
|                      | 2956 Nov 21 18:50                      | 0° <b>∡</b>                   |            |                     | 2961 Aug 22 00:46                      | 0° <b>™</b>                        |             |
|                      | 2956 Dec 21 12:27                      | 0°₹                           |            |                     | 2961 Sep 22 03:45                      | 0∘ <b>⊽</b>                        |             |
| min. Earth dist.     | 2957 Jan 18 12:17                      | 28° <b>る</b> 28'11            | 0.98370 AU |                     | 2961 Oct 22 19:53                      | 0°M                                |             |
|                      | 2957 Jan 20 00:19                      | 0° <b>≈</b>                   |            |                     | 2961 Nov 21 23:50                      | 0° <b>⊼</b>                        |             |
|                      | 2957 Feb 18 12:20                      | 0° <b>ℋ</b><br>0° <b>Ƴ</b>    |            | i. Danda diak       | 2961 Dec 21 17:32                      | 0°る                                | 0.00272 AII |
|                      | 2957 Mar 20 06:21<br>2957 Apr 19 10:46 | 0°8                           |            | min. Earth dist.    | 2962 Jan 18 11:38<br>2962 Jan 20 05:29 | 28 <b>⊘</b> 13 27<br>0° <b>≈</b>   | 0.98372 AU  |
|                      | 2957 May 20 03:21                      | 0°II                          |            |                     | 2962 Feb 18 17:34                      | 0° <b>∀</b>                        |             |
|                      | 2957 Jun 20 06:38                      | 0°e                           |            |                     | 2962 Mar 20 11:34                      | 0°Υ                                |             |
| max. Earth dist.     | 2957 Jul 20 09:37                      | 28°5947'16                    | 1.01631 AU |                     | 2962 Apr 19 15:56                      | 0°8                                |             |
|                      | 2957 Jul 21 16:06                      | $0^{\circ}\Omega$             |            |                     | 2962 May 20 08:25                      | 0°Щ                                |             |
|                      | 2957 Aug 22 01:28                      | 0° <b>m</b> y                 |            |                     | 2962 Jun 20 11:37                      | 0∘ <b>©</b>                        |             |
|                      | 2957 Sep 22 04:24                      | 0∘ <b>⊽</b>                   |            |                     | 2962 Jul 21 21:03                      | $0^{\circ}\Omega$                  |             |
|                      | 2957 Oct 22 20:31                      | 0°M₊                          |            | max. Earth dist.    | 2962 Jul 21 19:59                      | 29° <b>©</b> 57'26                 | 1.01630 AU  |
|                      | 2957 Nov 22 00:29                      | 0° <b>∡</b>                   |            |                     | 2962 Aug 22 06:25                      | 0° <b>™</b>                        |             |
|                      | 2957 Dec 21 18:10                      | 0°₹                           |            |                     | 2962 Sep 22 09:24                      | 0∘ <b>⊽</b>                        |             |
| . –                  | 2958 Jan 20 06:06                      | 0° <b>≈</b>                   | 0.055-     |                     | 2962 Oct 23 01:36                      | 0°M                                |             |
| min. Earth dist.     | 2958 Jan 20 22:09                      | 0°≈40'51                      | 0.98370 AU |                     | 2962 Nov 22 05:37                      | 0° <b>∡</b> 7                      |             |
|                      | 2958 Feb 18 18:08                      | 0° <b>∀</b>                   |            |                     | 2962 Dec 21 23:22                      | 5°0                                |             |
|                      | 2958 Mar 20 12:08                      | 0°Υ                           |            | min D d V           | 2963 Jan 20 11:19                      | 0°≈<br>0°≈ •47!10                  | 0.00272 441 |
|                      | 2958 Apr 19 16:31                      | 0°H<br>8°0                    |            | min. Earth dist.    | 2963 Jan 21 05:53                      | 0° <b>≈</b> 47'19<br>0° <b>)</b> € | 0.98373 AU  |
|                      | 2958 May 20 09:05<br>2958 Jun 20 12:22 | 0₀ <b>©</b><br>0∘П            |            |                     | 2963 Feb 18 23:21<br>2963 Mar 20 17:20 | 0°π<br>0°Υ                         |             |
| max. Earth dist.     | 2958 Jul 20 21:17                      | 29° <b>5</b> 01'20            | 1.01625 AU |                     | 2963 Apr 19 21:40                      | 0°8                                |             |
| max. Durin dist.     | 2958 Jul 20 21:17<br>2958 Jul 21 21:53 | 0°Ω                           | 1.01023 AU |                     | 2963 May 20 14:10                      | 0°II                               |             |
|                      | 2,000 ui 21 21.00                      | ~ <b>0</b> C                  |            |                     | 2,00 May 20 17.10                      | ~ <del></del>                      |             |

2968 Jan 20 16:31

2968 Feb 19 04:31

0°≈

0°**)**€

2972 Nov 21 15:58

2972 Dec 21 09:43

0°**∡**7

0°정

| i. Davida diak   | 2072 I 19 06.52                        | 200=21111                    | 0.00274 ATT   |                  | 2077 0-4 22 16:49                      | 00 <b>m</b>                  |             |
|------------------|--|------------------------------|---------------|------------------|--|------------------------------|-------------|
| min. Earth dist. | 2973 Jan 18 06:53                      |                              | 0.98374 AU    |                  | 2977 Oct 22 16:48                      | 0°M                          |             |
|                  | 2973 Jan 19 21:41                      | 0° <b>≈</b>                  |               |                  | 2977 Nov 21 20:49                      | 0° <b>⊼</b>                  |             |
|                  | 2973 Feb 18 09:45                      | 0° <b>)</b> €                |               |                  | 2977 Dec 21 14:35                      | 0°る                          | 0.00071.444 |
|                  | 2973 Mar 20 03:43                      | 0° <b>Υ</b>                  |               | min. Earth dist. | 2978 Jan 18 23:42                      |                              | 0.98371 AU  |
|                  | 2973 Apr 19 08:01                      | 0°8                          |               |                  | 2978 Jan 20 02:35                      | 0° <b>≈</b>                  |             |
|                  | 2973 May 20 00:26                      | 0°П                          |               |                  | 2978 Feb 18 14:38                      | 0° <b>∀</b>                  |             |
|                  | 2973 Jun 20 03:33                      | 0ංම                          |               |                  | 2978 Mar 20 08:34                      | 0° <b>Y</b>                  |             |
| max. Earth dist. | 2973 Jul 21 07:15                      | 29° <b>5</b> 346'26          | 1.01628 AU    |                  | 2978 Apr 19 12:49                      | 0°B                          |             |
|                  | 2973 Jul 21 12:56                      | $0$ $\circ$ $\Omega$         |               |                  | 2978 May 20 05:12                      | $\Pi$ °0                     |             |
|                  | 2973 Aug 21 22:17                      | 0° <b>т</b> р                |               |                  | 2978 Jun 20 08:22                      | 0°€                          |             |
|                  | 2973 Sep 22 01:18                      | 0∘ <b>⊽</b>                  |               |                  | 2978 Jul 21 17:49                      | $0$ $\circ$ $\Omega$         |             |
|                  | 2973 Oct 22 17:31                      | 0° <b>M</b>                  |               | max. Earth dist. | 2978 Jul 22 11:46                      | 0° <b>Ω</b> 42'49            | 1.01631 AU  |
|                  | 2973 Nov 21 21:35                      | 0° <b>∡</b>                  |               |                  | 2978 Aug 22 03:15                      | 0°Щ                          |             |
|                  | 2973 Dec 21 15:22                      | 0°ಕ                          |               |                  | 2978 Sep 22 06:18                      | 0∘ <b>ত</b>                  |             |
|                  | 2974 Jan 20 03:22                      | 0° <b>≈</b>                  |               |                  | 2978 Oct 22 22:33                      | 0°M₊                         |             |
| min. Earth dist. | 2974 Jan 21 01:28                      | 0°≈56'15                     | 0.98376 AU    |                  | 2978 Nov 22 02:37                      | 0° <b>∡</b>                  |             |
|                  | 2974 Feb 18 15:27                      | 0° <b>∀</b>                  |               |                  | 2978 Dec 21 20:24                      | 0°る                          |             |
|                  | 2974 Mar 20 09:26                      | $0^{\circ}\mathbf{\Upsilon}$ |               | min. Earth dist. | 2979 Jan 20 10:23                      | 0° <b>≈</b> 05'06            | 0.98374 AU  |
|                  | 2974 Apr 19 13:44                      | $_{0\circ}$ 8                |               |                  | 2979 Jan 20 08:23                      | 0° <b>≈</b>                  |             |
|                  | 2974 May 20 06:10                      | $\Pi$ $\circ 0$              |               |                  | 2979 Feb 18 20:24                      | 0° <b>ℋ</b>                  |             |
|                  | 2974 Jun 20 09:18                      | $0$ $\circ$                  |               |                  | 2979 Mar 20 14:19                      | $0^{\circ}\mathbf{\Upsilon}$ |             |
| max. Earth dist. | 2974 Jul 20 07:59                      | 28° <b>©</b> 37'11           | 1.01622 AU    |                  | 2979 Apr 19 18:33                      | $8^{\circ 0}$                |             |
|                  | 2974 Jul 21 18:42                      | $0 {\circ} \Omega$           |               |                  | 2979 May 20 10:56                      | $\Pi$ $^{\circ}0$            |             |
|                  | 2974 Aug 22 04:04                      | O° <b>m</b>                  |               |                  | 2979 Jun 20 14:04                      | 0                            |             |
|                  | 2974 Sep 22 07:06                      | 0∘ <b>⊽</b>                  |               | max. Earth dist. | 2979 Jul 20 17:27                      | 28° <b>©</b> 48'12           | 1.01632 AU  |
|                  | 2974 Oct 22 23:21                      | 0°M₊                         |               |                  | 2979 Jul 21 23:33                      | $0^{\circ}\Omega$            |             |
|                  | 2974 Nov 22 03:27                      | 0° <b>∡</b> 7                |               |                  | 2979 Aug 22 09:01                      | 0° <b>m</b> y                |             |
|                  | 2974 Dec 21 21:14                      | 0° <b>ප</b>                  |               |                  | 2979 Sep 22 12:08                      | 0∘ <b>⊽</b>                  |             |
| min. Earth dist. | 2975 Jan 19 20:36                      | 29° <b>る</b> 27'54           | 0.98369 AU    |                  | 2979 Oct 23 04:24                      | 0° <b>M</b> ₊                |             |
|                  | 2975 Jan 20 09:12                      | 0° <b>≈</b>                  |               |                  | 2979 Nov 22 08:28                      | 0°⊀                          |             |
|                  | 2975 Feb 18 21:13                      | 0° <b>∀</b>                  |               |                  | 2979 Dec 22 02:13                      | 0°る                          |             |
|                  | 2975 Mar 20 15:09                      | $0^{\circ}\mathbf{\Upsilon}$ |               |                  | 2980 Jan 20 14:08                      | 0° <b>≈</b>                  |             |
|                  | 2975 Apr 19 19:25                      | 0°8                          |               | min. Earth dist. | 2980 Jan 20 23:21                      | 0° <b>≈</b> 23'29            | 0.98365 AU  |
|                  | 2975 May 20 11:52                      | 0°П                          |               |                  | 2980 Feb 19 02:06                      | 0° <b>)</b> €                |             |
|                  | 2975 Jun 20 15:04                      | 0°©                          |               |                  | 2980 Mar 19 20:01                      | 0° <b>Υ</b>                  |             |
| P. J. P.         | 2975 Jul 22 00:32                      | 0°N                          | 1 01 600 1 11 |                  | 2980 Apr 19 00:17                      | 0° <b>8</b>                  |             |
| max. Earth dist. | 2975 Jul 23 01:58                      | 1° <b>Ω</b> 00'41            | 1.01628 AU    |                  | 2980 May 19 16:43                      | 0° <b>Π</b>                  |             |
|                  | 2975 Aug 22 09:56                      | 0° <b>m</b>                  |               |                  | 2980 Jun 19 19:56                      | 0° <b>©</b>                  |             |
|                  | 2975 Sep 22 12:58                      | 0∘ <b>⊽</b>                  |               | T 4 1            | 2980 Jul 21 05:27                      | 0°N                          |             |
|                  | 2975 Oct 23 05:12                      | 0°M₊                         |               | max. Earth dist. | 2980 Jul 21 22:22                      |                              | 1.01629 AU  |
|                  | 2975 Nov 22 09:17                      | 0°⊀ <sup>7</sup>             |               |                  | 2980 Aug 21 14:57                      | 0° <b>m</b> )                |             |
|                  | 2975 Dec 22 03:04                      | 0°る                          | 0.00074.444   |                  | 2980 Sep 21 18:03                      | 0∘ <b>亚</b>                  |             |
| min. Earth dist. | 2976 Jan 19 14:34                      | 28° <b>る</b> 57'42           | 0.98374 AU    |                  | 2980 Oct 22 10:20                      | 0°M<br>0°. <b>₹</b>          |             |
|                  | 2976 Jan 20 15:01                      | 0° <b>≈</b>                  |               |                  | 2980 Nov 21 14:25                      | 0° <b>₹</b>                  |             |
|                  | 2976 Feb 19 03:02                      | 0° <b>∀</b>                  |               |                  | 2980 Dec 21 08:10                      | 0°る                          | 0.00260.477 |
|                  | 2976 Mar 19 20:57                      | $^{\circ \gamma}$            |               | min. Earth dist. | 2981 Jan 18 09:29                      | 28° <b>る</b> 31'53           | 0.98368 AU  |
|                  | 2976 Apr 19 01:13                      | 0° <b>Β</b>                  |               |                  | 2981 Jan 19 20:06                      | 0° <b>₩</b>                  |             |
|                  | 2976 May 19 17:39                      | 0ಂ <b>ಲ</b><br>0ಂ∏           |               |                  | 2981 Feb 18 08:04                      | 0°Υ                          |             |
| Fauth 4:-4       | 2976 Jun 19 20:51                      |                              | 1.01/21 AII   |                  | 2981 Mar 20 01:58                      |                              |             |
| max. Earth dist. | 2976 Jul 20 05:50                      | 29° <b>©</b> 01'34           | 1.01631 AU    |                  | 2981 Apr 19 06:12                      | 0°Η                          |             |
|                  | 2976 Jul 21 06:19                      | 0° <b>Ω</b>                  |               |                  | 2981 May 19 22:37                      | 0° <b>∏</b>                  |             |
|                  | 2976 Aug 21 15:42                      | 0° <b>™</b>                  |               |                  | 2981 Jun 20 01:47                      | 0.ಲ                          |             |
|                  | 2976 Sep 21 18:42                      | 0∘ <b>™</b>                  |               | Eth dit          | 2981 Jul 21 11:12                      | 0° <b>N</b>                  | 1.01/21 AII |
|                  | 2976 Oct 22 10:53                      | 0°M₊                         |               | max. Earth dist. | 2981 Jul 21 15:24                      |                              | 1.01631 AU  |
|                  | 2976 Nov 21 14:55                      | 0°⊀<br>0° <b>⋜</b>           |               |                  | 2981 Aug 21 20:36                      | 0° <b>m</b><br>0° <b>0</b>   |             |
|                  | 2976 Dec 21 08:41                      | 5°0                          |               |                  | 2981 Sep 21 23:40                      | 0∘ <b>m</b>                  |             |
| min. Earth dist. | 2977 Jan 19 20:40<br>2977 Jan 20 16:23 | 0°≈<br>0°≈50'10              | 0.98372 AU    |                  | 2981 Oct 22 15:58<br>2981 Nov 21 20:06 | 0° <b>M</b><br>0° <i>≯</i> 7 |             |
| mm. Earm dist.   |  | 0 ≈30 10<br>0° <b>X</b>      | 0.98372 AU    |                  |  | ್ರ<br>0°ठ                    |             |
|                  | 2977 Feb 18 08:44<br>2977 Mar 20 02:41 | 0° <b>Υ</b>                  |               |                  | 2981 Dec 21 13:57                      | 0° <b>≈</b>                  |             |
|                  | 2977 Mar 20 02:41<br>2977 Apr 19 06:59 | 0° <b>8</b>                  |               | min. Earth dist. | 2982 Jan 20 01:56<br>2982 Jan 21 03:41 | 0°≈<br>1°≈05'34              | 0.98373 AU  |
|                  | 2977 Apr 19 00:39<br>2977 May 19 23:27 | 0°II                         |               | mm. Lattii uist. | 2982 Feb 18 13:57                      | 0° <b>)</b> (                | 0.70313 AU  |
|                  | 2977 Jun 20 02:40                      | 0°e                          |               |                  | 2982 Mar 20 07:49                      | 0°Υ                          |             |
| max. Earth dist. | 2977 Jul 20 02:40<br>2977 Jul 20 15:47 | 29° <b>9</b> 311'24          | 1.01625 AU    |                  | 2982 Apr 19 12:01                      | 0° <b>8</b>                  |             |
| Julia dist.      | 2977 Jul 21 12:10                      | 0°Ω                          |               |                  | 2982 May 20 04:22                      | 0°II                         |             |
|                  | 2977 Aug 21 21:35                      | 0° m/y                       |               |                  | 2982 Jun 20 07:30                      | 0.<br>0.                     |             |
|                  | 2977 Sep 22 00:36                      | 0∘ <mark>ಹ</mark>            |               | max. Earth dist. | 2982 Jul 20 05:45                      |                              | 1.01627 AU  |
|                  | 1                                      |                              |               |                  |  |                              |             |

|                  |  |                                   |             |                   |  | _                                |             |
|------------------|--|-----------------------------------|-------------|-------------------|--|----------------------------------|-------------|
|                  | 2982 Jul 21 16:57                      | $0$ $^{\circ}\Omega$              |             |                   | 2987 May 20 09:40                      | 0°Щ                              |             |
|                  | 2982 Aug 22 02:23                      | 0° <b>m</b>                       |             |                   | 2987 Jun 20 12:45                      | 0.20                             |             |
|                  | 2982 Sep 22 05:29                      | 0∘ <b>⊽</b>                       |             | max. Earth dist.  | 2987 Jul 20 23:19                      | 29° <b>©</b> 05'29               | 1.01629 AU  |
|                  | 2982 Oct 22 21:49                      | 0°M                               |             |                   | 2987 Jul 21 22:09                      | $\Omega^{\circ}\Omega$           |             |
|                  | 2982 Nov 22 01:59                      | 0° <b>∡</b>                       |             |                   | 2987 Aug 22 07:34                      | 0° <b>m</b>                      |             |
| i. Danda diad    | 2982 Dec 21 19:51                      | 0°る。01150                         | 0.00260 ATT |                   | 2987 Sep 22 10:40                      | 0∘ <b>w</b>                      |             |
| min. Earth dist. | 2983 Jan 20 08:37                      | 0°≈01'59<br>0°≈                   | 0.98368 AU  |                   | 2987 Oct 23 02:59                      | 0° <b>M</b><br>0° <b>∡</b> 7     |             |
|                  | 2983 Jan 20 07:50<br>2983 Feb 18 19:49 | 0 <b>≈</b><br>0° <b>H</b>         |             |                   | 2987 Nov 22 07:08<br>2987 Dec 22 00:59 | 0°중                              |             |
|                  | 2983 Mar 20 13:40                      | 0° <b>Υ</b>                       |             |                   | 2988 Jan 20 12:59                      | 0°≈                              |             |
|                  | 2983 Apr 19 17:49                      | 0°8                               |             | min. Earth dist.  | 2988 Jan 21 09:11                      | 0 ∞<br>0°≈51'27                  | 0.98370 AU  |
|                  | 2983 May 20 10:09                      | 0°II                              |             | min. Burun unou.  | 2988 Feb 19 00:59                      | 0° <b>∀</b>                      | 0.50570110  |
|                  | 2983 Jun 20 13:18                      | 0°ಅ                               |             |                   | 2988 Mar 19 18:52                      | 0°Υ                              |             |
|                  | 2983 Jul 21 22:48                      | $0^{\circ}\Omega$                 |             |                   | 2988 Apr 18 23:04                      | 0°8                              |             |
| max. Earth dist. | 2983 Jul 23 06:06                      | 1° <b>Ω</b> 14'39                 | 1.01630 AU  |                   | 2988 May 19 15:27                      | 0°II                             |             |
|                  | 2983 Aug 22 08:18                      | 0° <b>m</b> y                     |             |                   | 2988 Jun 19 18:37                      | 0ಂತ                              |             |
|                  | 2983 Sep 22 11:26                      | 0∘ <b>⊽</b>                       |             | max. Earth dist.  | 2988 Jul 21 07:11                      | 0° <b>Ω</b> 07'24                | 1.01625 AU  |
|                  | 2983 Oct 23 03:45                      | 0°M                               |             |                   | 2988 Jul 21 04:05                      | $0^{\circ}\Omega$                |             |
|                  | 2983 Nov 22 07:53                      | 0° <b>∡</b> ¹                     |             |                   | 2988 Aug 21 13:32                      | 0° <b>™</b>                      |             |
|                  | 2983 Dec 22 01:44                      | 0°ප                               |             |                   | 2988 Sep 21 16:38                      | 0∘ <b>ত</b>                      |             |
| min. Earth dist. | 2984 Jan 19 10:30                      | 28° <b>る</b> 50'37                | 0.98374 AU  |                   | 2988 Oct 22 08:55                      | 0°M                              |             |
|                  | 2984 Jan 20 13:44                      | 0° <b>≈</b>                       |             |                   | 2988 Nov 21 13:02                      | 0°⊀                              |             |
|                  | 2984 Feb 19 01:46                      | 0° <b>∀</b>                       |             |                   | 2988 Dec 21 06:52                      | 0°₹                              |             |
|                  | 2984 Mar 19 19:38                      | 0° <b>Υ</b>                       |             | min. Earth dist.  | 2989 Jan 18 14:12                      | 28° <b>ප්</b> 47'01              | 0.98372 AU  |
|                  | 2984 Apr 18 23:48                      | 0°8                               |             |                   | 2989 Jan 19 18:52                      | 0°≈                              |             |
|                  | 2984 May 19 16:08                      | 0° <b>I</b> I                     |             |                   | 2989 Feb 18 06:54                      | 0° <b>)</b> €                    |             |
| To all III a     | 2984 Jun 19 19:14                      | ್ಯಾಕ್<br>೧ <sub>೦</sub> ತಾ        | 1.01/22 ATT |                   | 2989 Mar 20 00:48                      | $^{\circ \gamma}$                |             |
| max. Earth dist. | 2984 Jul 20 18:45                      | 29° <b>©</b> 36′19<br>0° <b>Ω</b> | 1.01632 AU  |                   | 2989 Apr 19 05:00                      | 0°B<br>0°B                       |             |
|                  | 2984 Jul 21 04:40<br>2984 Aug 21 14:06 | 0° <b>m</b> p                     |             |                   | 2989 May 19 21:21<br>2989 Jun 20 00:27 | 0°9                              |             |
|                  | 2984 Sep 21 17:12                      | 0° <del>ت</del>                   |             |                   | 2989 Jul 21 09:51                      | 0°Ω                              |             |
|                  | 2984 Oct 22 09:29                      | 0° <b>m</b> .                     |             | max. Earth dist.  | 2989 Jul 21 23:24                      |                                  | 1.01629 AU  |
|                  | 2984 Nov 21 13:36                      | 0° <b>∡</b> 7                     |             | max. Dartii dist. | 2989 Aug 21 19:14                      | 0°m)                             | 1.01027110  |
|                  | 2984 Dec 21 07:25                      | 0°₹                               |             |                   | 2989 Sep 21 22:17                      | 0∘ <b>⊽</b>                      |             |
|                  | 2985 Jan 19 19:26                      | 0° <b>≈</b>                       |             |                   | 2989 Oct 22 14:33                      | 0°M                              |             |
| min. Earth dist. | 2985 Jan 20 20:46                      | 1°≈04'31                          | 0.98374 AU  |                   | 2989 Nov 21 18:41                      | 0°⊀                              |             |
|                  | 2985 Feb 18 07:30                      | 0° <b>)</b> €                     |             |                   | 2989 Dec 21 12:32                      | <b>∂</b> °0                      |             |
|                  | 2985 Mar 20 01:26                      | $0^{\circ}\mathbf{\Upsilon}$      |             |                   | 2990 Jan 20 00:35                      | 0° <b>≈</b>                      |             |
|                  | 2985 Apr 19 05:40                      | $9^{\circ}$ 8                     |             | min. Earth dist.  | 2990 Jan 20 17:32                      | 0° <b>≈</b> 43'09                | 0.98378 AU  |
|                  | 2985 May 19 22:02                      | $\Pi^{\circ}0$                    |             |                   | 2990 Feb 18 12:39                      | 0° <b>)</b>                      |             |
|                  | 2985 Jun 20 01:09                      | 0ංම                               |             |                   | 2990 Mar 20 06:33                      | $0^{\circ}\mathbf{\Upsilon}$     |             |
| max. Earth dist. | 2985 Jul 20 10:51                      | 29° <b>©</b> 03'25                | 1.01623 AU  |                   | 2990 Apr 19 10:44                      | 0°B                              |             |
|                  | 2985 Jul 21 10:34                      | $0$ $^{\circ}\Omega$              |             |                   | 2990 May 20 03:03                      | 0°Щ                              |             |
|                  | 2985 Aug 21 20:00                      | 0° <b>m</b>                       |             | n dr.             | 2990 Jun 20 06:08                      | 0°95                             | 1.01/07.411 |
|                  | 2985 Sep 21 23:06                      | 0∘ <b>亚</b>                       |             | max. Earth dist.  | 2990 Jul 20 07:12                      | 28°942'51                        | 1.01627 AU  |
|                  | 2985 Oct 22 15:24                      | 0° <b>M</b> ₊<br>0° <b>∡</b> 7    |             |                   | 2990 Jul 21 15:32                      | 0° <b>№</b>                      |             |
|                  | 2985 Nov 21 19:33<br>2985 Dec 21 13:23 | 0°중                               |             |                   | 2990 Aug 22 00:58<br>2990 Sep 22 04:04 | 0∘ <b>रा</b><br>० ार्ष           |             |
| min. Earth dist. | 2986 Jan 19 08:23                      | 29° <b>ප</b> 16'41                | 0.98371 AU  |                   | 2990 Oct 22 20:23                      | 0° <b>m</b>                      |             |
| mm. Earth dist.  | 2986 Jan 20 01:24                      | 0°≈                               | 0.90371710  |                   | 2990 Nov 22 00:32                      | 0° <b>⊼</b> ⊓                    |             |
|                  | 2986 Feb 18 13:27                      | 0° <b>∀</b>                       |             |                   | 2990 Dec 21 18:22                      | 0°ප                              |             |
|                  | 2986 Mar 20 07:21                      | $0^{\circ}\Upsilon$               |             |                   | 2991 Jan 20 06:21                      | 0° <b>≈</b>                      |             |
|                  | 2986 Apr 19 11:33                      | 0°8                               |             | min. Earth dist.  | 2991 Jan 20 13:47                      | 0° <b>≈</b> 18'57                | 0.98368 AU  |
|                  | 2986 May 20 03:54                      | $\Pi^{\circ}0$                    |             |                   | 2991 Feb 18 18:21                      | 0° <b>)</b> €                    |             |
|                  | 2986 Jun 20 06:58                      | 0°€                               |             |                   | 2991 Mar 20 12:13                      | $0^{\circ}\mathbf{\Upsilon}$     |             |
|                  | 2986 Jul 21 16:22                      | $0^{\circ}\Omega$                 |             |                   | 2991 Apr 19 16:23                      | $9^{\circ}$ 8                    |             |
| max. Earth dist. | 2986 Jul 22 20:23                      | 1° <b>Ω</b> 06′52                 | 1.01627 AU  |                   | 2991 May 20 08:44                      | $\Pi$ $^{\circ}0$                |             |
|                  | 2986 Aug 22 01:45                      | 0° <b>m</b>                       |             |                   | 2991 Jun 20 11:51                      | 0°9                              |             |
|                  | 2986 Sep 22 04:51                      | 0∘ <b>ত</b>                       |             |                   | 2991 Jul 21 21:20                      | $0^{\circ}\Omega$                |             |
|                  | 2986 Oct 22 21:11                      | 0° <b>M</b>                       |             | max. Earth dist.  | 2991 Jul 23 03:07                      |                                  | 1.01629 AU  |
|                  | 2986 Nov 22 01:23                      | 0°⊀ <sup>7</sup>                  |             |                   | 2991 Aug 22 06:49                      | 0° <b>m</b> y                    |             |
| t material       | 2986 Dec 21 19:15                      | 0°궁                               | 0.00277     |                   | 2991 Sep 22 09:59                      | 0∘ <b>ѿ</b>                      |             |
| min. Earth dist. | 2987 Jan 20 00:51                      | 29°₹43'38                         | 0.98376 AU  |                   | 2991 Oct 23 02:20                      | 0°M.<br>0°. <b>⊼</b>             |             |
|                  | 2987 Jan 20 07:16<br>2987 Feb 18 19:18 | 0° <b>≫</b>                       |             |                   | 2991 Nov 22 06:29                      | 0°る                              |             |
|                  | 2987 Feb 18 19:18<br>2987 Mar 20 13:10 | 0 <b>Υ</b><br>0° <b>Υ</b>         |             | min. Earth dist.  | 2991 Dec 22 00:17<br>2992 Jan 19 04:43 | 0 3<br>28° <b>る</b> 39'44        | 0.98370 AU  |
|                  | 2987 Mar 20 13:10<br>2987 Apr 19 17:21 | 0° <b>8</b>                       |             | mm. Earul UISt.   | 2992 Jan 20 12:14                      | 28 <b>O</b> 39 44<br>0° <b>≈</b> | 0.70370 AU  |
|                  | 270; Apr 17 17.21                      | v O                               |             |                   | 2772 Jan 20 12.14                      | · ~                              |             |

|                     | 2992 Feb 19 00:12                      | 0° <b>)</b> {                     |             |                  | 2996 Dec 21 05:17                      | 8°0                              |             |
|---------------------|--|-----------------------------------|-------------|------------------|--|----------------------------------|-------------|
|                     | 2992 Mar 19 18:03                      | 0° <b>Υ</b>                       |             | min. Earth dist. | 2997 Jan 18 21:01                      | 0 0<br>29° <b>る</b> 08'24        | 0.98371 AU  |
|                     | 2992 Apr 18 22:13                      | 0°8                               |             | mm. Dartii dist. | 2997 Jan 19 17:18                      | 0°≈                              | 0.70371710  |
|                     | 2992 May 19 14:34                      | 0°II                              |             |                  | 2997 Feb 18 05:19                      | 0° <b>∀</b>                      |             |
|                     | 2992 Jun 19 17:41                      | 0.<br>0                           |             |                  | 2997 Mar 19 23:10                      | 0° <b>Υ</b>                      |             |
| max. Earth dist.    | 2992 Jul 21 02:45                      | 29° <b>9</b> 59'07                | 1.01633 AU  |                  | 2997 Apr 19 03:18                      | 0°8                              |             |
| max. Earth dist.    | 2992 Jul 21 03:07                      | 0°Ω                               | 1.01033710  |                  | 2997 May 19 19:33                      | 0°II                             |             |
|                     | 2992 Aug 21 12:33                      | 0° m)                             |             |                  | 2997 Jun 19 22:33                      | 0.<br>0.                         |             |
|                     | 2992 Sep 21 15:40                      | 0∘ <b>⊽</b>                       |             |                  | 2997 Jul 21 07:54                      | $0^{\circ}\Omega$                |             |
|                     | 2992 Oct 22 08:00                      | 0°M                               |             | max. Earth dist. | 2997 Jul 22 10:54                      | 1° <b>Ω</b> 04'25                | 1.01627 AU  |
|                     | 2992 Nov 21 12:08                      | 0° <b>⊼</b> 7                     |             | max. Earth dist. | 2997 Aug 21 17:18                      | 0° m                             | 1.01027 710 |
|                     | 2992 Dec 21 05:57                      | 0°ਰ                               |             |                  | 2997 Sep 21 20:26                      | 0∘ <b>ত</b><br>0°.               |             |
|                     | 2993 Jan 19 17:55                      | 0° <b>≈</b>                       |             |                  | 2997 Oct 22 12:50                      | 0° <b>™</b>                      |             |
| min. Earth dist.    | 2993 Jan 20 22:27                      | 1°≈12'39                          | 0.98371 AU  |                  | 2997 Nov 21 17:05                      | 0° <b>⊼</b>                      |             |
| iiiii. Lartii dist. | 2993 Feb 18 05:54                      | 0° <b>∀</b>                       | 0.70371710  |                  | 2997 Dec 21 11:00                      | ⊙ੰਤ                              |             |
|                     | 2993 Mar 19 23:45                      | 0°Υ                               |             |                  | 2998 Jan 19 23:03                      | 0° <b>≈</b>                      |             |
|                     | 2993 Apr 19 03:56                      | 0°8                               |             | min. Earth dist. | 2998 Jan 20 10:15                      | 0°≈28'31                         | 0.98377 AU  |
|                     | 2993 May 19 20:17                      | 0°II                              |             | mm. Lartii dist. | 2998 Feb 18 11:05                      | 0° <b>∀</b>                      | 0.70377710  |
|                     | 2993 Jun 19 23:25                      | 0°©                               |             |                  | 2998 Mar 20 04:56                      | 0° <b>Υ</b>                      |             |
| max. Earth dist.    | 2993 Jul 19 23:23<br>2993 Jul 20 01:16 | 28° <b>©</b> 44'38                | 1.01627 AU  |                  | 2998 Apr 19 09:04                      | 0°8                              |             |
| max. Earm uist.     | 2993 Jul 20 01:10<br>2993 Jul 21 08:52 | 28 <b>344</b> 38                  | 1.01027 AU  |                  | 2998 May 20 01:18                      | 0°U                              |             |
|                     | 2993 Aug 21 18:19                      | 0° <b>m</b> y                     |             |                  | 2998 Jun 20 04:17                      | 0ಂ <b>ತಾ</b>                     |             |
|                     | 2993 Aug 21 18:19<br>2993 Sep 21 21:27 | 0∘ <del>ت</del><br>۱۱۱۸           |             | max. Earth dist. | 2998 Jul 20 04.17<br>2998 Jul 20 13:30 | 29° <b>©</b> 02'25               | 1.01625 AU  |
|                     | •                                      | 0° <b>m</b>                       |             | max. Earth dist. | 2998 Jul 20 13:38                      | 29 <b>3</b> 02 23                | 1.01023 AU  |
|                     | 2993 Oct 22 13:49                      | 0° 11℃<br>0° 12™                  |             |                  |  | 0°Mp                             |             |
|                     | 2993 Nov 21 18:00                      | 0°る                               |             |                  | 2998 Aug 21 23:02                      | 0∘ <b>ʊ</b><br>0 ılıı            |             |
|                     | 2993 Dec 21 11:53                      |                                   |             |                  | 2998 Sep 22 02:11                      |                                  |             |
| i. Fauth diat       | 2994 Jan 19 23:52                      | 0°≈<br>20°₹49!25                  | 0.00260 ATT |                  | 2998 Oct 22 18:36                      | 0°M<br>0°. <b>7</b>              |             |
| min. Earth dist.    | 2994 Jan 19 19:19                      | 29° <b>る</b> 48'25                | 0.98368 AU  |                  | 2998 Nov 21 22:53                      | 0° <b>₹</b>                      |             |
|                     | 2994 Feb 18 11:51                      | 0° <b>)</b> €                     |             |                  | 2998 Dec 21 16:49                      | 5°0                              |             |
|                     | 2994 Mar 20 05:39                      | 0° <b>Υ</b>                       |             | i p d r          | 2999 Jan 20 04:51                      | 0°≈                              | 0.00270.441 |
|                     | 2994 Apr 19 09:45                      | 0° <b>B</b>                       |             | min. Earth dist. | 2999 Jan 21 01:34                      | 0°≈52'42                         | 0.98370 AU  |
|                     | 2994 May 20 02:01                      | 0°∏                               |             |                  | 2999 Feb 18 16:50                      | 0° <b>Υ</b><br>0° <b>Υ</b>       |             |
|                     | 2994 Jun 20 05:06                      | 0° <b>©</b>                       |             |                  | 2999 Mar 20 10:39                      |                                  |             |
| F41- 4:-4           | 2994 Jul 21 14:32                      | 0° <b>Ω</b>                       | 1 01/20 AII |                  | 2999 Apr 19 14:45                      | 0°H<br>8°0                       |             |
| max. Earth dist.    | 2994 Jul 23 00:37                      | 1° <b>Ω</b> 21'18                 | 1.01630 AU  |                  | 2999 May 20 07:01                      |                                  |             |
|                     | 2994 Aug 22 00:00                      | 0 <b>் ம</b><br>0 <b>் மி</b>     |             |                  | 2999 Jun 20 10:05                      | 0.ಲ                              |             |
|                     | 2994 Sep 22 03:10                      |                                   |             | E 41 E 4         | 2999 Jul 21 19:31                      | 0° <b>N</b>                      | 1.01/25 ATT |
|                     | 2994 Oct 22 19:34<br>2994 Nov 21 23:48 | 0° <b>M</b><br>0° <b>∡</b> 7      |             | max. Earth dist. | 2999 Jul 22 20:22                      | 0° <b>Ω</b> 59'18<br>0° <b>m</b> | 1.01625 AU  |
|                     |  |                                   |             |                  | 2999 Aug 22 04:59                      | ••                               |             |
| i. Fauth diat       | 2994 Dec 21 17:43                      | 0°る                               | 0.00274 ATT |                  | 2999 Sep 22 08:09                      | 0∘ <b>m</b>                      |             |
| min. Earth dist.    | 2995 Jan 19 16:54                      |                                   | 0.98374 AU  |                  | 2999 Oct 23 00:34                      | 0°M                              |             |
|                     | 2995 Jan 20 05:45                      | 0° <b>₩</b>                       |             |                  | 2999 Nov 22 04:49                      | 0° <b>∡</b> ¹                    |             |
|                     | 2995 Feb 18 17:44                      | 0° <b>Υ</b>                       |             | in Footh dist    | 2999 Dec 21 22:45                      | 0°궁                              | 0.00272 ATT |
|                     | 2995 Mar 20 11:31                      |                                   |             | min. Earth dist. | 3000 Jan 19 09:31                      | 28° <b>る</b> 55'41               | 0.98373 AU  |
|                     | 2995 Apr 19 15:34                      | 0° <b>∀</b>                       |             |                  | 3000 Jan 20 10:47                      | 0° <b>≈</b>                      |             |
|                     | 2995 May 20 07:47                      | 0°©<br>∏                          |             |                  | 3000 Feb 18 22:46                      | 0° <b>Υ</b><br>0° <b>Υ</b>       |             |
| may Earth dist      | 2995 Jun 20 10:49                      |                                   | 1 01622 ATT |                  | 3000 Mar 20 16:35                      |                                  |             |
| max. Earth dist.    | 2995 Jul 21 09:16<br>2995 Jul 21 20:15 | 29° <b>©</b> 33'48<br>0° <b>Ω</b> | 1.01633 AU  |                  | 3000 Apr 19 20:41                      | 0°B<br>0°B                       |             |
|                     |  |                                   |             |                  | 3000 May 20 12:57                      |                                  |             |
|                     | 2995 Aug 22 05:44                      | 0° <b>m</b>                       |             | E 41 E 4         | 3000 Jun 20 16:01                      | 0°©                              | 1.01/20.411 |
|                     | 2995 Sep 22 08:54                      | 0∘ <b>m</b>                       |             | max. Earth dist. | 3000 Jul 22 11:38                      | 0° <b>Ω</b> 24'23                | 1.01630 AU  |
|                     | 2995 Oct 23 01:18                      | 0°M                               |             |                  | 3000 Jul 22 01:25                      | 0° <b>N</b>                      |             |
|                     | 2995 Nov 22 05:30                      | 0° <b>⊼</b>                       |             |                  | 3000 Aug 22 10:49                      | 0° <b>m</b>                      |             |
|                     | 2995 Dec 21 23:23                      | ි<br>ව°0                          |             |                  | 3000 Sep 22 13:56                      | 0∘ <b>亚</b>                      |             |
| i patra             | 2996 Jan 20 11:24                      | 0° <b>≈</b>                       | 0.00271 411 |                  | 3000 Oct 23 06:17                      | 0°M<br>0°. <b>₹</b>              |             |
| min. Earth dist.    | 2996 Jan 21 16:09                      | 1°≈13'13                          | 0.98371 AU  |                  | 3000 Nov 22 10:29                      | 0° <b>∡</b><br>0° <b>≥</b>       |             |
|                     | 2996 Feb 18 23:23                      | 0° <b>)</b> €                     |             |                  | 3000 Dec 22 04:24                      | ිද<br>ව°0                        |             |
|                     | 2996 Mar 19 17:13                      | $^{\circ \gamma}$                 |             | t an at the      | 3001 Jan 20 16:28                      | 0°≈                              | 0.00277 *** |
|                     | 2996 Apr 18 21:19                      | 0° <b>K</b>                       |             | min. Earth dist. | 3001 Jan 21 21:01                      | 1°≈12'42                         | 0.98377 AU  |
|                     | 2996 May 19 13:35                      | 0° <b>∏</b>                       |             |                  | 3001 Feb 19 04:30                      | 0° <b>)</b> €                    |             |
| T 4 9 -             | 2996 Jun 19 16:39                      | 0°©                               | 1.01/27 *** |                  | 3001 Mar 20 22:22                      | $^{\circ \gamma}$                |             |
| max. Earth dist.    | 2996 Jul 20 22:55                      | 29° <b>©</b> 52'24                | 1.01627 AU  |                  | 3001 Apr 20 02:30                      | 0° <b>Η</b>                      |             |
|                     | 2996 Jul 21 02:06                      | $\Omega^{\circ}\Omega$            |             |                  | 3001 May 20 18:46                      | 0° <b>I</b>                      |             |
|                     | 2996 Aug 21 11:37                      | 0° <b>m</b>                       |             | T 4 11 1         | 3001 Jun 20 21:50                      | 0°©                              | 1.01/25 *** |
|                     | 2996 Sep 21 14:49                      | 0∘ <b>亚</b>                       |             | max. Earth dist. | 3001 Jul 20 23:33                      | 28° <b>©</b> 44'25               | 1.01625 AU  |
|                     | 2996 Oct 22 07:13                      | 0°M                               |             |                  | 3001 Jul 22 07:15                      | 0° <b>N</b>                      |             |
|                     | 2996 Nov 21 11:25                      | 0° <b>≯</b>                       |             |                  | 3001 Aug 22 16:41                      | 0° <b>m</b>                      |             |

|                  | 3001 Sep 22 19:49                      | 0∘ <b>⊽</b>               |             | max. Earth dist.     | 3006 Jul 21 19:36                      |                            | 1.01628 AU  |
|------------------|--|---------------------------|-------------|----------------------|--|----------------------------|-------------|
|                  | 3001 Oct 23 12:12                      | 0°M₊                      |             |                      | 3006 Jul 22 12:14                      | $0$ $\circ$ $\Omega$       |             |
|                  | 3001 Nov 22 16:24                      | 0° <b>⊼</b>               |             |                      | 3006 Aug 22 21:40                      | 0° <b>m</b> )              |             |
|                  | 3001 Dec 22 10:19                      | 0°₹                       |             |                      | 3006 Sep 23 00:51                      | 0∘ <b>⊽</b>                |             |
|                  | 3002 Jan 20 22:22                      | 0° <b>≈</b>               |             |                      | 3006 Oct 23 17:19                      | 0° <b>M</b>                |             |
| min. Earth dist. | 3002 Jan 21 02:11                      | 0° <b>≈</b> 09'41         | 0.98372 AU  |                      | 3006 Nov 22 21:38                      | 0° <b>∡</b> ¹              |             |
|                  | 3002 Feb 19 10:25                      | 0° <b>ℋ</b>               |             |                      | 3006 Dec 22 15:37                      | 0°ප                        |             |
|                  | 3002 Mar 21 04:15                      | $0$ ° $\mathbf{\gamma}$   |             |                      | 3007 Jan 21 03:41                      | 0° <b>≈</b>                |             |
|                  | 3002 Apr 20 08:20                      | $9^{\circ}$ 8             |             | min. Earth dist.     | 3007 Jan 22 10:28                      | 1° <b>≈</b> 18′21          | 0.98370 AU  |
|                  | 3002 May 21 00:34                      | $\Pi$ $^{\circ}0$         |             |                      | 3007 Feb 19 15:39                      | 0° <b>∀</b>                |             |
|                  | 3002 Jun 21 03:36                      | 0ಂ <b>ತಾ</b>              |             |                      | 3007 Mar 21 09:24                      | $0^{\circ}$ $\Upsilon$     |             |
|                  | 3002 Jul 22 13:00                      | $0 {\circ} \Omega$        |             |                      | 3007 Apr 20 13:24                      | $9^{\circ}$ 8              |             |
| max. Earth dist. | 3002 Jul 24 03:46                      | 1° <b>Ω</b> 32′29         | 1.01627 AU  |                      | 3007 May 21 05:35                      | $\Pi$ $^{\circ}0$          |             |
|                  | 3002 Aug 22 22:29                      | O° Mp                     |             |                      | 3007 Jun 21 08:36                      | 0ಂ <b>ತಾ</b>               |             |
|                  | 3002 Sep 23 01:40                      | 0∘ <b>ত</b>               |             |                      | 3007 Jul 22 18:02                      | $0^{\circ}\Omega$          |             |
|                  | 3002 Oct 23 18:06                      | $0^{\circ}$ M,            |             | max. Earth dist.     | 3007 Jul 23 12:48                      | 0° <b>Ω</b> 44'44          | 1.01627 AU  |
|                  | 3002 Nov 22 22:21                      | 0° <b>∡</b> ¹             |             |                      | 3007 Aug 23 03:34                      | 0° <b>m</b> ∕              |             |
|                  | 3002 Dec 22 16:16                      | ರ°0                       |             |                      | 3007 Sep 23 06:49                      | 0∘ <b>ত</b>                |             |
| min. Earth dist. | 3003 Jan 20 04:38                      | 28° <b>る</b> 59'44        | 0.98374 AU  |                      | 3007 Oct 23 23:17                      | 0° <b>M</b>                |             |
|                  | 3003 Jan 21 04:18                      | 0° <b>≈</b>               |             |                      | 3007 Nov 23 03:34                      | 0° <b>∡</b> ¹              |             |
|                  | 3003 Feb 19 16:18                      | 0° <b>∀</b>               |             |                      | 3007 Dec 22 21:31                      | 8°0                        |             |
|                  | 3003 Mar 21 10:07                      | $0$ $^{\circ}$ $\Upsilon$ |             | min. Earth dist.     | 3008 Jan 20 12:45                      | 29° <b>る</b> 07'00         | 0.98373 AU  |
|                  | 3003 Apr 20 14:12                      | $6^{\circ}B$              |             |                      | 3008 Jan 21 09:35                      | 0° <b>≈</b>                |             |
|                  | 3003 May 21 06:25                      | $\Pi$ $^{\circ}0$         |             |                      | 3008 Feb 19 21:34                      | 0° <b>∀</b>                |             |
|                  | 3003 Jun 21 09:25                      | $0$ $\circ$ $\odot$       |             |                      | 3008 Mar 20 15:21                      | $0^{\circ}$ Y              |             |
|                  | 3003 Jul 22 18:48                      | $0^{\circ}\Omega$         |             |                      | 3008 Apr 19 19:23                      | 0° <b>႘</b>                |             |
| max. Earth dist. | 3003 Jul 22 17:48                      | 29° <b>©</b> 57'36        | 1.01632 AU  |                      | 3008 May 20 11:34                      | $\Pi^{\circ}0$             |             |
|                  | 3003 Aug 23 04:17                      | O° Mp                     |             |                      | 3008 Jun 20 14:33                      | 0ಂ <b>ತಾ</b>               |             |
|                  | 3003 Sep 23 07:30                      | 0∘ <b>ত</b>               |             |                      | 3008 Jul 21 23:55                      | $0 {\circ} \Omega$         |             |
|                  | 3003 Oct 23 23:56                      | 0°M                       |             | max. Earth dist.     | 3008 Jul 22 23:43                      | 0° <b>Ω</b> 56'47          | 1.01630 AU  |
|                  | 3003 Nov 23 04:09                      | 0° <b>⊼</b>               |             |                      | 3008 Aug 22 09:22                      | 0° <b>m</b> y              |             |
|                  | 3003 Dec 22 22:02                      | 0°₹                       |             |                      | 3008 Sep 22 12:33                      | 0∘ <b>⊽</b>                |             |
|                  | 3004 Jan 21 10:01                      | 0° <b>≈</b>               |             |                      | 3008 Oct 23 04:59                      | 0° <b>M</b>                |             |
| min. Earth dist. | 3004 Jan 22 18:31                      | 1° <b>≈</b> 22'44         | 0.98369 AU  |                      | 3008 Nov 22 09:14                      | 0° <b>∡</b>                |             |
|                  | 3004 Feb 19 21:59                      | 0° <b>)</b> (             |             |                      | 3008 Dec 22 03:10                      | 0°る                        |             |
|                  | 3004 Mar 20 15:48                      | 0° <b>Υ</b>               |             |                      | 3009 Jan 20 15:14                      | 0° <b>≈</b>                |             |
|                  | 3004 Apr 19 19:54                      | 0° <b>8</b>               |             | min. Earth dist.     | 3009 Jan 21 14:14                      | 0°≈58'35                   | 0.98378 AU  |
|                  | 3004 May 20 12:11                      | 0° <b>I</b>               |             |                      | 3009 Feb 19 03:16                      | 0° <b>)</b> €              |             |
| F 4 F            | 3004 Jun 20 15:15                      | 0°95                      | 1.01/05 177 |                      | 3009 Mar 20 21:06                      | 0° <b>Υ</b>                |             |
| max. Earth dist. | 3004 Jul 21 07:08                      |                           | 1.01627 AU  |                      | 3009 Apr 20 01:11                      | 0° <b>B</b>                |             |
|                  | 3004 Jul 22 00:42                      | 0° <b>N</b>               |             |                      | 3009 May 20 17:23                      | 0° <b>I</b> I              |             |
|                  | 3004 Aug 22 10:12                      | 0° <b>m</b>               |             | D d C                | 3009 Jun 20 20:21                      | 0°©                        | 1.01/04 444 |
|                  | 3004 Sep 22 13:25                      | 0∘ <b>亚</b>               |             | max. Earth dist.     | 3009 Jul 21 03:48                      | 28° <b>©</b> 58'13         | 1.01624 AU  |
|                  | 3004 Oct 23 05:53                      | 0°M.                      |             |                      | 3009 Jul 22 05:42                      | 0° <b>N</b>                |             |
|                  | 3004 Nov 22 10:08                      | 0° <b>∡</b>               |             |                      | 3009 Aug 22 15:07                      | 0° <b>m</b>                |             |
| · r d r d        | 3004 Dec 22 04:01                      | 0°る                       | 0.002/7.411 |                      | 3009 Sep 22 18:18                      | 0∘ <b>ѿ</b>                |             |
| min. Earth dist. | 3005 Jan 20 05:29<br>3005 Jan 20 16:01 | 29° <b>る</b> 33'11<br>0°≈ | 0.98367 AU  |                      | 3009 Oct 23 10:46<br>3009 Nov 22 15:04 | 0° <b>ጤ</b><br>0° <b>ዶ</b> |             |
|                  | 3005 Feb 19 03:58                      | 0° <b>∺</b>               |             |                      | 3009 Nov 22 13:04<br>3009 Dec 22 09:02 | % ਨ                        |             |
|                  | 3005 Mar 20 21:46                      | 0° <b>Υ</b>               |             |                      | 3010 Jan 20 21:05                      | 0°≈                        |             |
|                  | 3005 Apr 20 01:52                      | 0°8                       |             | min. Earth dist.     | 3010 Jan 21 12:39                      | 0 ∞<br>0°≈39'35            | 0.98371 AU  |
|                  | 3005 Apr 20 01:32<br>3005 May 20 18:07 | 0°II                      |             | iiiii. Eartii tiist. | 3010 Feb 19 09:05                      | 0° <b>∺</b>                | 0.96371 AU  |
|                  | 3005 Jun 20 21:08                      | 0°©                       |             |                      | 3010 Mar 21 02:53                      | 0°Υ                        |             |
|                  | 3005 Jul 22 06:31                      | 0°Ω                       |             |                      | 3010 Apr 20 06:55                      | 0°8                        |             |
| max. Earth dist. | 3005 Jul 22 00:31<br>3005 Jul 23 15:31 | 1° <b>Ω</b> 18'43         | 1.01628 AU  |                      | 3010 May 20 23:06                      | 0°II                       |             |
| max. Earth dist. | 3005 Aug 22 15:56                      | 0°m                       | 1.01028 AU  |                      | 3010 Jun 21 02:04                      | 0°©                        |             |
|                  | 3005 Aug 22 13:30<br>3005 Sep 22 19:06 | 0° <del>ت</del><br>م اللا |             |                      | 3010 Jul 22 11:25                      | 0°€0                       |             |
|                  | 3005 Oct 23 11:33                      | 0°M.                      |             | max. Earth dist.     | 3010 Jul 24 02:36                      | 1° <b>Ω</b> 33'28          | 1.01623 AU  |
|                  | 3005 Nov 22 15:51                      | 0° <b>⊼</b> 1             |             | max. Earni uist.     | 3010 Jul 24 02:30<br>3010 Aug 22 20:52 | 0° m)                      | 1.01023 AU  |
|                  | 3005 Nov 22 13:51<br>3005 Dec 22 09:50 | 0°ਤ                       |             |                      | 3010 Sep 23 00:05                      | 0∘ <b>ت</b><br>الأس        |             |
|                  | 3006 Jan 20 21:53                      | 0°≈                       |             |                      | 3010 Oct 23 16:34                      | 0°M                        |             |
| min. Earth dist. | 3006 Jan 21 00:49                      | 0°≈07'26                  | 0.98376 AU  |                      | 3010 Nov 22 20:55                      | 0° <b>⊼</b> ′              |             |
| Zurur dist.      | 3006 Feb 19 09:53                      | 0° <b>∺</b>               | 3.50570110  |                      | 3010 Dec 22 14:55                      | °ੇਠ<br>ਨ                   |             |
|                  | 3006 Mar 21 03:40                      | 0° <b>Υ</b>               |             | min. Earth dist.     | 3011 Jan 20 06:16                      | 0 3<br>29° <b>る</b> 07'17  | 0.98374 AU  |
|                  | 3006 Apr 20 07:42                      | 0°8                       |             |                      | 3011 Jan 21 02:59                      | 0° <b>≈</b>                |             |
|                  | 3006 May 20 23:53                      | 0°Щ                       |             |                      | 3011 Feb 19 14:57                      | 0° <b>)</b> €              |             |
|                  | 3006 Jun 21 02:52                      | 0ಂತಾ                      |             |                      | 3011 Mar 21 08:42                      | 0° <b>Υ</b>                |             |
|                  |  |                           |             |                      |  |                            |             |

|                   | 3011 Apr 20 12:43                      | $9^{\circ}$ 8                |             |                     | 3016 Jan 21 07:50                      | 0° <b>≈</b>                      |             |
|-------------------|--|------------------------------|-------------|---------------------|--|----------------------------------|-------------|
|                   | 3011 May 21 04:53                      | $\Pi^{\circ}0$               |             |                     | 3016 Feb 19 19:46                      | 0° <b>∀</b>                      |             |
|                   | 3011 Jun 21 07:51                      | 0°€                          |             |                     | 3016 Mar 20 13:31                      | 0° <b>Υ</b>                      |             |
|                   | 3011 Jul 22 17:12                      | $0^{\circ}\Omega$            |             |                     | 3016 Apr 19 17:31                      | 0°8                              |             |
| max. Earth dist.  | 3011 Jul 23 01:46                      | 0° <b>£</b> 20′26            | 1.01630 AU  |                     | 3016 May 20 09:42                      | 0°II                             |             |
|                   | 3011 Aug 23 02:39                      | 0° <b>m</b>                  |             |                     | 3016 Jun 20 12:41                      | 0° <b>⊙</b>                      |             |
|                   | 3011 Sep 23 05:51                      | 0∘ <b>w</b>                  |             | Earth diet          | 3016 Jul 21 22:04                      | 0° <b>Ω</b><br>1° <b>Ω</b> 18'35 | 1.01/20 AII |
|                   | 3011 Oct 23 22:18<br>3011 Nov 23 02:36 | 0° <b>M</b><br>0° <b>∡</b> 7 |             | max. Earth dist.    | 3016 Jul 23 06:59<br>3016 Aug 22 07:31 | 0° m)                            | 1.01630 AU  |
|                   | 3011 Dec 22 20:33                      | 0° <b>ਠ</b>                  |             |                     | 3016 Sep 22 10:45                      | 0° <b>ت</b>                      |             |
|                   | 3012 Jan 21 08:36                      | 0° <b>≈</b>                  |             |                     | 3016 Oct 23 03:16                      | 0° <b>m</b> .                    |             |
| min. Earth dist.  | 3012 Jan 22 23:34                      |                              | 0.98373 AU  |                     | 3016 Nov 22 07:36                      | 0°×7                             |             |
| min. Darvir Gige. | 3012 Feb 19 20:34                      | 0° <b>∀</b>                  | 0.90373110  |                     | 3016 Dec 22 01:34                      | 0° <b>ਰ</b>                      |             |
|                   | 3012 Mar 20 14:20                      | $_{0}$ $^{\circ}$ $\gamma$   |             |                     | 3017 Jan 20 13:37                      | 0° <b>≈</b>                      |             |
|                   | 3012 Apr 19 18:22                      | 0°8                          |             | min. Earth dist.    | 3017 Jan 21 08:18                      | 0° <b>≈</b> 47'37                | 0.98375 AU  |
|                   | 3012 May 20 10:33                      | $\Pi^{\circ}0$               |             |                     | 3017 Feb 19 01:34                      | 0° <b>∀</b>                      |             |
|                   | 3012 Jun 20 13:35                      | 0ಂತಾ                         |             |                     | 3017 Mar 20 19:19                      | $0$ ° $\mathbf{\gamma}$          |             |
| max. Earth dist.  | 3012 Jul 20 22:11                      | 29°500'48                    | 1.01626 AU  |                     | 3017 Apr 19 23:20                      | $9^{\circ}$ 8                    |             |
|                   | 3012 Jul 21 23:00                      | $0^{\circ}\Omega$            |             |                     | 3017 May 20 15:29                      | $\Pi$ $^{\circ}0$                |             |
|                   | 3012 Aug 22 08:29                      | 0°Щ                          |             |                     | 3017 Jun 20 18:27                      | 0ංම                              |             |
|                   | 3012 Sep 22 11:42                      | 0∘ <b>ত</b>                  |             | max. Earth dist.    | 3017 Jul 21 06:44                      | 29° <b>5</b> 09'42               | 1.01627 AU  |
|                   | 3012 Oct 23 04:09                      | 0°M₊                         |             |                     | 3017 Jul 22 03:48                      | $0$ $^{\circ}\Omega$             |             |
|                   | 3012 Nov 22 08:26                      | 0° <b>∡</b>                  |             |                     | 3017 Aug 22 13:16                      | 0° <b>т</b> р                    |             |
|                   | 3012 Dec 22 02:23                      | ರ್∘ರ                         |             |                     | 3017 Sep 22 16:30                      | 0° <b>™</b>                      |             |
| i no at tira      | 3013 Jan 20 14:26                      | 0°≈                          | 0.00270 444 |                     | 3017 Oct 23 09:02                      | 0° <b>M</b><br>0°. <b>₹</b>      |             |
| min. Earth dist.  | 3013 Jan 20 13:34                      | 29°₹57'50                    | 0.98370 AU  |                     | 3017 Nov 22 13:25                      | 0° <b>⊀</b>                      |             |
|                   | 3013 Feb 19 02:25                      | 0° <b>ℋ</b><br>0° <b>Ƴ</b>   |             |                     | 3017 Dec 22 07:27                      | 0°る<br>0°≈                       |             |
|                   | 3013 Mar 20 20:12<br>3013 Apr 20 00:15 | 0°8                          |             | min. Earth dist.    | 3018 Jan 20 19:32<br>3018 Jan 22 00:45 |                                  | 0.98371 AU  |
|                   | 3013 May 20 16:25                      | 0°II                         |             | iiiii. Eartii dist. | 3018 Feb 19 07:29                      | 0° <b>)</b> €                    | 0.965/1 AU  |
|                   | 3013 Jun 20 19:23                      | 0°©                          |             |                     | 3018 Mar 21 01:11                      | 0° <b>Υ</b>                      |             |
|                   | 3013 Jul 22 04:45                      | 0°N                          |             |                     | 3018 Apr 20 05:07                      | 0°8                              |             |
| max. Earth dist.  | 3013 Jul 23 20:34                      | 1° <b>Ω</b> 34'58            | 1.01627 AU  |                     | 3018 May 20 21:13                      | 0°II                             |             |
|                   | 3013 Aug 22 14:12                      | 0° <b>m</b>                  |             |                     | 3018 Jun 21 00:09                      | 0°ම                              |             |
|                   | 3013 Sep 22 17:23                      | 0∘ <b>⊽</b>                  |             |                     | 3018 Jul 22 09:32                      | $0^{\circ}\Omega$                |             |
|                   | 3013 Oct 23 09:50                      | $0^{\circ}$ M.               |             | max. Earth dist.    | 3018 Jul 23 21:39                      | 1° <b>Ω</b> 26′07                | 1.01625 AU  |
|                   | 3013 Nov 22 14:08                      | 0° <b>∡</b> ¹                |             |                     | 3018 Aug 22 19:03                      | O° Mp                            |             |
|                   | 3013 Dec 22 08:08                      | 0°ප                          |             |                     | 3018 Sep 22 22:21                      | 0ಂ <b>ಹ</b>                      |             |
| min. Earth dist.  | 3014 Jan 20 08:19                      |                              | 0.98378 AU  |                     | 3018 Oct 23 14:55                      | 0° <b>M</b>                      |             |
|                   | 3014 Jan 20 20:13                      | 0°≈                          |             |                     | 3018 Nov 22 19:20                      | 0° <b>∡</b> ¹                    |             |
|                   | 3014 Feb 19 08:14                      | 0° <b>)</b> €                |             |                     | 3018 Dec 22 13:24                      | 0°る                              | 0.00275.411 |
|                   | 3014 Mar 21 02:02                      | 0° <b>႘</b>                  |             | min. Earth dist.    | 3019 Jan 20 09:12<br>3019 Jan 21 01:31 | 29° <b>5</b> 18′27<br>0°≈        | 0.98375 AU  |
|                   | 3014 Apr 20 06:02<br>3014 May 20 22:10 | 0°II                         |             |                     | 3019 Feb 19 13:29                      | 0 <b>≈</b><br>0° <b>H</b>        |             |
|                   | 3014 Jun 21 01:05                      | 0.ಲ<br>೧.ಟ                   |             |                     | 3019 Mar 21 07:11                      | 0° <b>Υ</b>                      |             |
| max. Earth dist.  | 3014 Jul 22 04:49                      | 29° <b>©</b> 46'39           | 1.01629 AU  |                     | 3019 Apr 20 11:06                      | 0°8                              |             |
| man. Bartin dist. | 3014 Jul 22 10:25                      | 0°Ω                          | 1.01027110  |                     | 3019 May 21 03:09                      | 0°II                             |             |
|                   | 3014 Aug 22 19:52                      | 0° <b>m</b>                  |             |                     | 3019 Jun 21 06:03                      | 0ංම                              |             |
|                   | 3014 Sep 22 23:06                      | 0∘ <b>⊽</b>                  |             |                     | 3019 Jul 22 15:24                      | $0^{\circ}\Omega$                |             |
|                   | 3014 Oct 23 15:35                      | $0^{\circ}$ M.               |             | max. Earth dist.    | 3019 Jul 23 14:08                      | 0° <b>Ω</b> 54'14                | 1.01631 AU  |
|                   | 3014 Nov 22 19:55                      | 0° <b>∡</b>                  |             |                     | 3019 Aug 23 00:54                      | O° <b>m</b> y                    |             |
|                   | 3014 Dec 22 13:52                      | 0°ರ                          |             |                     | 3019 Sep 23 04:11                      | 0∘ <b>ত</b>                      |             |
|                   | 3015 Jan 21 01:54                      | 0° <b>≈</b>                  |             |                     | 3019 Oct 23 20:44                      | 0°M₊                             |             |
| min. Earth dist.  | 3015 Jan 22 13:25                      | 1°≈30′23                     | 0.98370 AU  |                     | 3019 Nov 23 01:05                      | 0° <b>∡</b>                      |             |
|                   | 3015 Feb 19 13:52                      | 0° <b>)</b> €                |             |                     | 3019 Dec 22 19:06                      | 0° <b>ට</b>                      |             |
|                   | 3015 Mar 21 07:36                      | $^{\circ \gamma}$            |             | : E 4 E 4           | 3020 Jan 21 07:11                      | 0°≈                              | 0.00276 ATT |
|                   | 3015 Apr 20 11:36                      | 0° <b>Β</b>                  |             | min. Earth dist.    | 3020 Jan 22 22:14                      |                                  | 0.98376 AU  |
|                   | 3015 May 21 03:46<br>3015 Jun 21 06:45 | 0°©<br>0°∏                   |             |                     | 3020 Feb 19 19:11<br>3020 Mar 20 12:56 | 0° <b>ℋ</b><br>0° <b>Ƴ</b>       |             |
|                   | 3015 Jul 22 16:09                      | 0°Ω<br>0 €3                  |             |                     | 3020 Mai 20 12.36<br>3020 Apr 19 16:54 | 0° <b>8</b>                      |             |
| max. Earth dist.  | 3015 Jul 22 23:15                      | _                            | 1.01627 AU  |                     | 3020 Apr 19 10:34<br>3020 May 20 09:00 | 0°II                             |             |
| Darm dist.        | 3015 Aug 23 01:42                      | 0° mp                        | 1.0102/110  |                     | 3020 Jun 20 11:55                      | 0°©                              |             |
|                   | 3015 Sep 23 05:00                      | 0∘ <b>ಹ</b>                  |             | max. Earth dist.    | 3020 Jul 21 01:07                      | 29° <b>©</b> 11'54               | 1.01626 AU  |
|                   | 3015 Oct 23 21:33                      | 0°M.                         |             |                     | 3020 Jul 21 21:17                      | 0°N                              |             |
|                   | 3015 Nov 23 01:53                      | 0°⊀                          |             |                     | 3020 Aug 22 06:47                      | 0° <b>т</b> р                    |             |
|                   | 3015 Dec 22 19:50                      | ರ°0                          |             |                     | 3020 Sep 22 10:05                      | 0∘ <b>⊽</b>                      |             |
| min. Earth dist.  | 3016 Jan 20 17:56                      | 29° <b>る</b> 24'37           | 0.98368 AU  |                     | 3020 Oct 23 02:38                      | 0° <b>M</b>                      |             |
|                   |  |                              |             |                     |  |                                  |             |

|                      | 2020 11 22 07 01  | 00.7                      |             |                     | 2025 4 22 11 50   | 00.00                           |             |
|----------------------|-------------------|---------------------------|-------------|---------------------|-------------------|---------------------------------|-------------|
|                      | 3020 Nov 22 07:01 | 0° <b>∡</b> ¹             |             |                     | 3025 Aug 22 11:58 | 0° <b>m</b> )                   |             |
|                      | 3020 Dec 22 01:01 | 0°ಕ                       |             |                     | 3025 Sep 22 15:13 | 0∘ <b>ಹ</b>                     |             |
|                      | 3021 Jan 20 13:05 | 0° <b>≈</b>               |             |                     | 3025 Oct 23 07:44 | 0° <b>M</b> ₊                   |             |
| min. Earth dist.     | 3021 Jan 20 22:06 | 0° <b>≈</b> 22'56         | 0.98371 AU  |                     | 3025 Nov 22 12:05 | 0° <b>∡</b> ¹                   |             |
|                      | 3021 Feb 19 01:05 | 0° <b>∀</b>               |             |                     | 3025 Dec 22 06:07 | 0° <b>ප</b>                     |             |
|                      | 3021 Mar 20 18:52 | $0^{\circ}\mathbf{Y}$     |             |                     | 3026 Jan 20 18:13 | 0° <b>≈</b> ≈                   |             |
|                      | 3021 Apr 19 22:53 | 0°B                       |             | min. Earth dist.    | 3026 Jan 22 05:36 | 1° <b>≈</b> 30'04               | 0.98373 AU  |
|                      | 3021 May 20 14:59 | 0°II                      |             | min Darm Glot.      | 3026 Feb 19 06:12 | 0° <b>∀</b>                     | 0.50575110  |
|                      | 3021 Jun 20 17:53 | 0°e                       |             |                     | 3026 Mar 20 23:55 | 0° <b>Υ</b>                     |             |
|                      |                   |                           |             |                     |                   |                                 |             |
|                      | 3021 Jul 22 03:10 | $0^{\circ}\Omega$         |             |                     | 3026 Apr 20 03:51 | 0° <b>8</b>                     |             |
| max. Earth dist.     | 3021 Jul 24 02:21 |                           | 1.01622 AU  |                     | 3026 May 20 19:55 | $\Pi$ $\circ$ 0                 |             |
|                      | 3021 Aug 22 12:36 | 0° <b>m</b>               |             |                     | 3026 Jun 20 22:49 | $0$ $\circ$                     |             |
|                      | 3021 Sep 22 15:51 | 0∘ <b>ट</b>               |             |                     | 3026 Jul 22 08:11 | $0^{\circ}\Omega$               |             |
|                      | 3021 Oct 23 08:24 | 0° <b>M</b>               |             | max. Earth dist.    | 3026 Jul 23 12:44 | 1° <b>Ω</b> 08'07               | 1.01625 AU  |
|                      | 3021 Nov 22 12:49 | 0° <b>√</b>               |             |                     | 3026 Aug 22 17:43 | 0° m/p                          |             |
|                      | 3021 Dec 22 06:53 | 0° <b>ප</b>               |             |                     | 3026 Sep 22 21:02 | 0∘ <u>v</u>                     |             |
| min. Earth dist.     | 3022 Jan 20 03:17 | 29° <b>පි</b> 20'01       | 0.98378 AU  |                     | =                 | 0° <b>™</b>                     |             |
| iiiii. Eartii tiist. |                   |                           | 0.96376 AU  |                     | 3026 Oct 23 13:38 |                                 |             |
|                      | 3022 Jan 20 19:00 | 0° <b>≈</b>               |             |                     | 3026 Nov 22 18:03 | 0° <b>∡</b> ¹                   |             |
|                      | 3022 Feb 19 07:00 | 0° <b>∀</b>               |             |                     | 3026 Dec 22 12:04 | 0°ಕ                             |             |
|                      | 3022 Mar 21 00:46 | $0$ ° $\mathbf{V}$        |             | min. Earth dist.    | 3027 Jan 20 08:19 | 29° <b>る</b> 19'42              | 0.98371 AU  |
|                      | 3022 Apr 20 04:45 | $9^{\circ}$ 8             |             |                     | 3027 Jan 21 00:08 | 0° <b>≈</b>                     |             |
|                      | 3022 May 20 20:50 | $\Pi^{\circ}$             |             |                     | 3027 Feb 19 12:05 | 0° <b>∀</b>                     |             |
|                      | 3022 Jun 20 23:43 | 0ං <b>ම</b>               |             |                     | 3027 Mar 21 05:47 | $0^{\circ}\mathbf{Y}$           |             |
|                      | 3022 Jul 22 08:59 | 0°N                       |             |                     | 3027 Apr 20 09:42 | 0°B                             |             |
| max. Earth dist.     | 3022 Jul 22 13:23 | 0°Ω10'30                  | 1.01626 AU  |                     | 3027 May 21 01:45 | 0°II                            |             |
| max. Latin dist.     |                   |                           | 1.01020 AC  |                     | •                 | 0°©                             |             |
|                      | 3022 Aug 22 18:23 | 0° <b>m</b> )             |             |                     | 3027 Jun 21 04:39 |                                 |             |
|                      | 3022 Sep 22 21:37 | 0∘ <b>⊽</b>               |             |                     | 3027 Jul 22 14:00 | $0$ ° $\Omega$                  |             |
|                      | 3022 Oct 23 14:11 | 0°M₊                      |             | max. Earth dist.    | 3027 Jul 23 23:16 | 1° <b>Ω</b> 19'25               | 1.01632 AU  |
|                      | 3022 Nov 22 18:36 | 0° <b>∡</b> 7             |             |                     | 3027 Aug 22 23:30 | 0° <b>m</b> )                   |             |
|                      | 3022 Dec 22 12:40 | 0°ರ                       |             |                     | 3027 Sep 23 02:49 | 0∘ <b>ত</b>                     |             |
|                      | 3023 Jan 21 00:45 | 0° <b>≈</b>               |             |                     | 3027 Oct 23 19:25 | 0° <b>M</b> ₊                   |             |
| min. Earth dist.     | 3023 Jan 22 20:50 | 1°≈52'14                  | 0.98372 AU  |                     | 3027 Nov 22 23:48 | 0° <b>∡</b> ¹                   |             |
|                      | 3023 Feb 19 12:42 | 0° <b>)</b> €             |             |                     | 3027 Dec 22 17:47 | 0°₹                             |             |
|                      | 3023 Mar 21 06:25 | 0° <b>Υ</b>               |             |                     | 3028 Jan 21 05:49 | 0° <b>≈</b>                     |             |
|                      |                   | 0°8                       |             | min. Earth dist.    |                   | 0 <b>~</b><br>1° <b>≈</b> 25'58 | 0.00272 ATT |
|                      | 3023 Apr 20 10:22 |                           |             | IIIII. Eartii dist. | 3028 Jan 22 15:34 |                                 | 0.98372 AU  |
|                      | 3023 May 21 02:29 | 0°II                      |             |                     | 3028 Feb 19 17:44 | 0° <b>\</b>                     |             |
|                      | 3023 Jun 21 05:26 | 0ංම                       |             |                     | 3028 Mar 20 11:25 | 0° <b>Υ</b>                     |             |
| max. Earth dist.     | 3023 Jul 22 06:25 | 29° <b>5</b> 40'00        | 1.01624 AU  |                     | 3028 Apr 19 15:21 | $9^{\circ}$ 8                   |             |
|                      | 3023 Jul 22 14:49 | $0^{\circ}\Omega$         |             |                     | 3028 May 20 07:27 | $\Pi^{\circ}0$                  |             |
|                      | 3023 Aug 23 00:19 | 0° m/y                    |             |                     | 3028 Jun 20 10:22 | $0$ $\circ$ $\odot$             |             |
|                      | 3023 Sep 23 03:36 | 0∘ <b>ত</b>               |             | max. Earth dist.    | 3028 Jul 21 00:22 | 29°513'47                       | 1.01629 AU  |
|                      | 3023 Oct 23 20:10 | 0°M                       |             |                     | 3028 Jul 21 19:44 | $0^{\circ}\Omega$               |             |
|                      | 3023 Nov 23 00:33 | 0° <b>∡</b> 7             |             |                     | 3028 Aug 22 05:15 | 0° <b>m</b> )                   |             |
|                      | 3023 Dec 22 18:36 | °ਤ<br>ਹ°ਤ                 |             |                     | 3028 Sep 22 08:35 | 0∘ <b>⊽</b>                     |             |
| i. Danda diad        |                   |                           | 0.00271 ATT |                     | *                 |                                 |             |
| min. Earth dist.     | 3024 Jan 21 03:22 | 29° <b>る</b> 51'35        | 0.98371 AU  |                     | 3028 Oct 23 01:13 | 0° <b>M</b> ₊                   |             |
|                      | 3024 Jan 21 06:41 | 0° <b>≈</b>               |             |                     | 3028 Nov 22 05:38 | 0° <b>∡</b> ′                   |             |
|                      | 3024 Feb 19 18:39 | 0° <b>∀</b>               |             |                     | 3028 Dec 21 23:40 | 0°₹                             |             |
|                      | 3024 Mar 20 12:21 | $0$ ° $\mathbf{\Upsilon}$ |             |                     | 3029 Jan 20 11:42 | 0° <b>≈</b>                     |             |
|                      | 3024 Apr 19 16:19 | $9^{\circ}$ 8             |             | min. Earth dist.    | 3029 Jan 21 09:43 | 0° <b>≈</b> 56′00               | 0.98368 AU  |
|                      | 3024 May 20 08:27 | $\Pi$ $^{\circ}0$         |             |                     | 3029 Feb 18 23:37 | 0° <b>∀</b>                     |             |
|                      | 3024 Jun 20 11:24 | 0°ಅ                       |             |                     | 3029 Mar 20 17:17 | $0$ ° $\mathbf{\gamma}$         |             |
|                      | 3024 Jul 21 20:46 | $0^{\circ}\Omega$         |             |                     | 3029 Apr 19 21:12 | 0° <b>8</b>                     |             |
| max. Earth dist.     | 3024 Jul 23 11:45 | 1° <b>£</b> 33′00         | 1.01628 AU  |                     | 3029 May 20 13:15 | 0°II                            |             |
| max. Lattii dist.    | 3024 Aug 22 06:13 | 0° <b>m</b> )             | 1.01020710  |                     | 3029 Jun 20 16:08 | 0°©                             |             |
|                      | =                 |                           |             |                     |                   |                                 |             |
|                      | 3024 Sep 22 09:26 | 0° <b>™</b>               |             |                     | 3029 Jul 22 01:28 | 0° <b>Ω</b>                     |             |
|                      | 3024 Oct 23 01:56 | 0°M₊                      |             | max. Earth dist.    | 3029 Jul 24 00:48 | 1° <b>Ω</b> 52'54               | 1.01624 AU  |
|                      | 3024 Nov 22 06:17 | 0° <b>∡</b> 7             |             |                     | 3029 Aug 22 10:57 | 0° <b>m</b> )                   |             |
|                      | 3024 Dec 22 00:18 | 0°ප                       |             |                     | 3029 Sep 22 14:15 | 0∘ <b>亚</b>                     |             |
|                      | 3025 Jan 20 12:24 | 0° <b>≈</b>               |             |                     | 3029 Oct 23 06:53 | 0° <b>M</b>                     |             |
| min. Earth dist.     | 3025 Jan 20 18:51 | 0°≈16'25                  | 0.98378 AU  |                     | 3029 Nov 22 11:22 | 0° <b>∡</b> ¹                   |             |
|                      | 3025 Feb 19 00:25 | 0° <b>)</b> €             |             |                     | 3029 Dec 22 05:28 | 0°ප                             |             |
|                      | 3025 Mar 20 18:10 | 0° <b>Υ</b>               |             | min. Earth dist.    | 3030 Jan 20 05:21 | 29° <b>る</b> 28'49              | 0.98375 AU  |
|                      | 3025 Apr 19 22:09 | 0°8                       |             | min. Luitii Uist.   | 3030 Jan 20 17:35 | 0° <b>≈</b>                     | 5.76575 AU  |
|                      | •                 |                           |             |                     |                   |                                 |             |
|                      | 3025 May 20 14:15 | 0° <b>Ⅱ</b>               |             |                     | 3030 Feb 19 05:33 | 0° <b>∀</b>                     |             |
| _                    | 3025 Jun 20 17:10 | 0°©                       |             |                     | 3030 Mar 20 23:12 | 0° <b>Υ</b>                     |             |
| max. Earth dist.     | 3025 Jul 21 12:52 | 29° <b>5</b> 27'27        | 1.01628 AU  |                     | 3030 Apr 20 03:02 | 0° <b>8</b>                     |             |
|                      | 3025 Jul 22 02:31 | $0^{\circ}\Omega$         |             |                     | 3030 May 20 19:02 | $\Pi$ $\circ$ 0                 |             |
|                      |                   |                           |             |                     |                   |                                 |             |

|                  |  |                                  |                |                  |  | 2200                         |            |
|------------------|--|----------------------------------|----------------|------------------|--|------------------------------|------------|
|                  | 3030 Jun 20 21:52                      | 0°©                              |                |                  | 3035 Mar 21 04:11                      | 0° <b>Υ</b>                  |            |
| F 41 F 4         | 3030 Jul 22 07:09                      | 0° <b>N</b>                      | 1.01/20 ATT    |                  | 3035 Apr 20 08:03                      | 0° <b>B</b>                  |            |
| max. Earth dist. | 3030 Jul 22 23:55                      | 0° <b>Ω</b> 39'59                | 1.01629 AU     |                  | 3035 May 21 00:03                      | 0° <b>©</b><br>∏°0           |            |
|                  | 3030 Aug 22 16:38                      | 0 <b>் ம</b><br>0° <b>மி</b>     |                |                  | 3035 Jun 21 02:53                      | 0°Ω                          |            |
|                  | 3030 Sep 22 19:56<br>3030 Oct 23 12:34 | 0°M                              |                | max. Earth dist. | 3035 Jul 22 12:12<br>3035 Jul 24 06:30 | _                            | 1.01628 AU |
|                  | 3030 Nov 22 17:02                      | 0° <b>⊼</b> 7                    |                | max. Earth dist. | 3035 Aug 22 21:40                      | 0°M)                         | 1.01028 AU |
|                  | 3030 Nov 22 17:02<br>3030 Dec 22 11:09 | %<br>ਨ<br>ਨ                      |                |                  | 3035 Sep 23 00:58                      | 0° <b>ت</b><br>س             |            |
|                  | 3031 Jan 20 23:16                      | 0° <b>≈</b>                      |                |                  | 3035 Oct 23 17:34                      | 0° <b>m</b>                  |            |
| min. Earth dist. | 3031 Jan 23 02:12                      | 2°≈09'40                         | 0.98374 AU     |                  | 3035 Nov 22 22:02                      | 0° <b>⊼</b> 7                |            |
| min. Barm disc.  | 3031 Feb 19 11:13                      | 0° <b>∀</b>                      | 0.5057.110     |                  | 3035 Dec 22 16:08                      | ਨੂੰ<br>ਹ°ਰ                   |            |
|                  | 3031 Mar 21 04:52                      | $0^{\circ}\Upsilon$              |                |                  | 3036 Jan 21 04:15                      | 0° <b>≈</b>                  |            |
|                  | 3031 Apr 20 08:42                      | 0°8                              |                | min. Earth dist. | 3036 Jan 22 09:30                      | 1° <b>≈</b> 14'29            | 0.98378 AU |
|                  | 3031 May 21 00:40                      | 0°II                             |                |                  | 3036 Feb 19 16:14                      | 0° <b>)</b> €                |            |
|                  | 3031 Jun 21 03:31                      | 0°ಲ                              |                |                  | 3036 Mar 20 09:54                      | 0° <b>Υ</b>                  |            |
| max. Earth dist. | 3031 Jul 22 04:01                      | 29° <b>©</b> 38'52               | 1.01626 AU     |                  | 3036 Apr 19 13:47                      | 0°8                          |            |
|                  | 3031 Jul 22 12:52                      | $0^{\circ}\Omega$                |                |                  | 3036 May 20 05:49                      | $\Pi^{\circ}0$               |            |
|                  | 3031 Aug 22 22:25                      | 0° <b>т</b> р                    |                |                  | 3036 Jun 20 08:41                      | $0$ $\circ$ $\odot$          |            |
|                  | 3031 Sep 23 01:48                      | 0∘ <b>⊽</b>                      |                | max. Earth dist. | 3036 Jul 21 02:14                      | 29° <b>5</b> 22'21           | 1.01627 AU |
|                  | 3031 Oct 23 18:27                      | $0^{\circ}$ M.                   |                |                  | 3036 Jul 21 18:01                      | $0^{\circ}\Omega$            |            |
|                  | 3031 Nov 22 22:55                      | 0° <b>∡</b>                      |                |                  | 3036 Aug 22 03:30                      | 0° <b>m</b>                  |            |
|                  | 3031 Dec 22 17:00                      | 0°ප                              |                |                  | 3036 Sep 22 06:48                      | 0∘ <b>⊽</b>                  |            |
|                  | 3032 Jan 21 05:07                      | 0° <b>≈</b>                      |                |                  | 3036 Oct 22 23:25                      | 0°M                          |            |
| min. Earth dist. | 3032 Jan 21 12:10                      | 0° <b>≈</b> 17'57                | 0.98372 AU     |                  | 3036 Nov 22 03:52                      | 0° <b>∡</b>                  |            |
|                  | 3032 Feb 19 17:05                      | 0° <b>∀</b>                      |                |                  | 3036 Dec 21 21:57                      | 0°る                          |            |
|                  | 3032 Mar 20 10:46                      | 0° <b>Υ</b>                      |                |                  | 3037 Jan 20 10:05                      | 0° <b>≈</b>                  |            |
|                  | 3032 Apr 19 14:38                      | 0° <b>8</b>                      |                | min. Earth dist. | 3037 Jan 21 17:29                      |                              | 0.98373 AU |
|                  | 3032 May 20 06:39                      | 0°II                             |                |                  | 3037 Feb 18 22:04                      | 0° <b>∀</b>                  |            |
|                  | 3032 Jun 20 09:29                      | 0.ee                             |                |                  | 3037 Mar 20 15:46                      | 0°Υ<br>•••                   |            |
| F 41 F 4         | 3032 Jul 21 18:47                      | 0° <b>Ω</b>                      | 1.01/2/C.A.I.I |                  | 3037 Apr 19 19:40                      | 0° <b>B</b>                  |            |
| max. Earth dist. | 3032 Jul 23 21:36                      | 2° <b>Ω</b> 01'14<br>0° <b>m</b> | 1.01626 AU     |                  | 3037 May 20 11:40                      | 0° <b>©</b><br>∏°0           |            |
|                  | 3032 Aug 22 04:16<br>3032 Sep 22 07:34 | 0∘ <b>ʊ</b><br>0 ılıı            |                |                  | 3037 Jun 20 14:31<br>3037 Jul 21 23:49 | 0°Ω                          |            |
|                  | 3032 Scp 22 07:34<br>3032 Oct 23 00:11 | 0° <b>m</b>                      |                | max. Earth dist. | 3037 Jul 21 23:49<br>3037 Jul 23 18:51 | 1° <b>Ω</b> 42'39            | 1.01622 AU |
|                  | 3032 Nov 22 04:38                      | 0° <b>⊼</b>                      |                | max. Earth dist. | 3037 Aug 22 09:18                      | 0°M)                         | 1.01022 AU |
|                  | 3032 Dec 21 22:43                      | °ਨ<br>ਨ                          |                |                  | 3037 Sep 22 12:37                      | 0∘ <b>⊽</b>                  |            |
| min. Earth dist. | 3033 Jan 20 07:37                      | 29° <b>る</b> 51'47               | 0.98379 AU     |                  | 3037 Oct 23 05:14                      | 0°M                          |            |
|                  | 3033 Jan 20 10:50                      | 0°≈                              |                |                  | 3037 Nov 22 09:43                      | 0° <b>⊼</b> 7                |            |
|                  | 3033 Feb 18 22:50                      | 0° <b>)</b>                      |                |                  | 3037 Dec 22 03:50                      | ರ°0                          |            |
|                  | 3033 Mar 20 16:34                      | $0^{\circ}\Upsilon$              |                | min. Earth dist. | 3038 Jan 20 00:47                      | 29° <b>る</b> 21'19           | 0.98377 AU |
|                  | 3033 Apr 19 20:30                      | $9^{\circ}$ 8                    |                |                  | 3038 Jan 20 15:59                      | 0° <b>≈</b>                  |            |
|                  | 3033 May 20 12:31                      | $\Pi^{\circ}0$                   |                |                  | 3038 Feb 19 03:59                      | 0° <b>)</b> €                |            |
|                  | 3033 Jun 20 15:19                      | $0$ $\circ$ $\odot$              |                |                  | 3038 Mar 20 21:41                      | $0^{\circ}$ Y                |            |
| max. Earth dist. | 3033 Jul 21 23:53                      | 29° <b>©</b> 58'22               | 1.01625 AU     |                  | 3038 Apr 20 01:34                      | 0°8                          |            |
|                  | 3033 Jul 22 00:34                      | $0 ^{\circ} \Omega$              |                |                  | 3038 May 20 17:33                      | $\Pi$ °0                     |            |
|                  | 3033 Aug 22 10:00                      | 0°Щ                              |                |                  | 3038 Jun 20 20:21                      | 0ა <b>ௐ</b>                  |            |
|                  | 3033 Sep 22 13:17                      | 0∘ <b>⊽</b>                      |                |                  | 3038 Jul 22 05:37                      | $0$ $\circ$ $\Omega$         |            |
|                  | 3033 Oct 23 05:54                      | 0°M                              |                | max. Earth dist. | 3038 Jul 23 09:06                      |                              | 1.01628 AU |
|                  | 3033 Nov 22 10:23                      | 0° <b>∡</b>                      |                |                  | 3038 Aug 22 15:06                      | 0° <b>m</b>                  |            |
|                  | 3033 Dec 22 04:30                      | 5°0                              |                |                  | 3038 Sep 22 18:26                      | 0∘ <b>ѿ</b>                  |            |
| min Earth diat   | 3034 Jan 20 16:38                      | 0°≈                              | 0.00274 ATT    |                  | 3038 Oct 23 11:05                      | 0° <b>ጤ</b><br>0° <b>ዶ</b>   |            |
| min. Earth dist. | 3034 Jan 22 14:17<br>3034 Feb 19 04:37 | 1°≈56'11<br>0° <b>)</b> €        | 0.98374 AU     |                  | 3038 Nov 22 15:34<br>3038 Dec 22 09:38 | 0° <b>X</b> '<br>0° <b>S</b> |            |
|                  | 3034 Net 19 04.37<br>3034 Mar 20 22:17 | 0° <b>Υ</b>                      |                |                  | 3039 Jan 20 21:44                      | 0°≈                          |            |
|                  | 3034 Apr 20 02:10                      | 0°8                              |                | min. Earth dist. | 3039 Jan 20 21:44<br>3039 Jan 22 21:08 | 0 ∞<br>2°≈00'42              | 0.98373 AU |
|                  | 3034 May 20 18:10                      | 0°II                             |                | mm. Larm dist.   | 3039 Feb 19 09:40                      | 0° <b>∀</b>                  | 0.70373710 |
|                  | 3034 Jun 20 20:59                      | 0°50                             |                |                  | 3039 Mar 21 03:19                      | 0°Υ                          |            |
|                  | 3034 Jul 22 06:16                      | 0° <b>U</b>                      |                |                  | 3039 Apr 20 07:11                      | %<br>8°0                     |            |
| max. Earth dist. | 3034 Jul 23 00:35                      | 0° <b>Ω</b> 43'40                | 1.01620 AU     |                  | 3039 May 20 23:11                      | 0°II                         |            |
|                  | 3034 Aug 22 15:45                      | 0° mp                            |                |                  | 3039 Jun 21 02:02                      | 0°50                         |            |
|                  | 3034 Sep 22 19:05                      | 0∘ <b>⊽</b>                      |                | max. Earth dist. | 3039 Jul 21 22:51                      | 29° <b>©</b> 30'05           | 1.01628 AU |
|                  | 3034 Oct 23 11:46                      | 0°M                              |                |                  | 3039 Jul 22 11:23                      | $0^{\circ}\Omega$            |            |
|                  | 3034 Nov 22 16:18                      | 0°⊀                              |                |                  | 3039 Aug 22 20:56                      | 0° <b>m</b> )                |            |
|                  | 3034 Dec 22 10:26                      | ರ°0                              |                |                  | 3039 Sep 23 00:21                      | 0∘ <b>⊽</b>                  |            |
|                  | 3035 Jan 20 22:34                      | 0° <b>≈</b>                      |                |                  | 3039 Oct 23 17:03                      | $0^{\circ}$ M                |            |
| min. Earth dist. | 3035 Jan 20 17:13                      |                                  | 0.98374 AU     |                  | 3039 Nov 22 21:33                      | 0° <b>∡</b> 7                |            |
|                  | 3035 Feb 19 10:32                      | 0° <b>)</b> €                    |                |                  | 3039 Dec 22 15:37                      | 0°₹                          |            |
|                  |  |                                  |                |                  |  |                              |            |

|                  | 3040 Jan 21 03:41                      | 0° <b>≈</b>                  |             |                  | 3044 Oct 22 22:07                      | 0° <b>M</b>           |             |
|------------------|--|------------------------------|-------------|------------------|--|-----------------------|-------------|
| min. Earth dist. | 3040 Jan 21 19:46                      | 0° <b>≈</b> 40'57            | 0.98367 AU  |                  | 3044 Nov 22 02:39                      | 0° <b>∡</b> 7         |             |
|                  | 3040 Feb 19 15:35                      | 0° <b>∀</b>                  |             |                  | 3044 Dec 21 20:47                      | 8°0                   |             |
|                  | 3040 Mar 20 09:13                      | $0$ ° $\mathbf{\gamma}$      |             |                  | 3045 Jan 20 08:54                      | 0° <b>≈</b>           |             |
|                  | 3040 Apr 19 13:05                      | 0° <b>႘</b>                  |             | min. Earth dist. | 3045 Jan 22 02:28                      | 1° <b>≈</b> 45'49     | 0.98373 AU  |
|                  | 3040 May 20 05:07                      | $\Pi^{\circ}0$               |             |                  | 3045 Feb 18 20:52                      | 0° <b>∀</b>           |             |
|                  | 3040 Jun 20 08:00                      | 0ം <b>ഉ</b>                  |             |                  | 3045 Mar 20 14:31                      | 0° <b>Υ</b>           |             |
|                  | 3040 Jul 21 17:21                      | $0^{\circ}\Omega$            |             |                  | 3045 Apr 19 18:21                      | 0°8                   |             |
| max. Earth dist. | 3040 Jul 23 22:07                      | 2° <b>Ω</b> 05'53            | 1.01627 AU  |                  | 3045 May 20 10:17                      | 0°II                  |             |
| man. Darur dige. | 3040 Aug 22 02:51                      | 0° mp                        | 1.0102,110  |                  | 3045 Jun 20 13:02                      | 0°9                   |             |
|                  | 3040 Sep 22 06:12                      | 0∘ <b>⊽</b>                  |             |                  | 3045 Jul 21 22:16                      | $0^{\circ}\Omega$     |             |
|                  | 3040 Oct 22 22:52                      | 0° <b>m</b> .                |             | max. Earth dist. | 3045 Jul 23 13:53                      |                       | 1.01619 AU  |
|                  | 3040 Nov 22 03:22                      | 0° <b>⊼</b> ¹                |             | max. Earth dist. | 3045 Aug 22 07:44                      | 0° m)                 | 1.01019 AU  |
|                  |  | 0°る                          |             |                  | •                                      | 0∘ <b>⊽</b>           |             |
| in Double dies   | 3040 Dec 21 21:28                      |                              | 0.00274 ATT |                  | 3045 Sep 22 11:07                      |                       |             |
| min. Earth dist. | 3041 Jan 20 02:35                      | 29°₹42'10                    | 0.98374 AU  |                  | 3045 Oct 23 03:51                      | 0°M<br>0°. <b>7</b>   |             |
|                  | 3041 Jan 20 09:35                      | 0° <b>≈</b>                  |             |                  | 3045 Nov 22 08:26                      | 0° <b>∡</b> 7         |             |
|                  | 3041 Feb 18 21:31                      | 0° <b>∀</b>                  |             |                  | 3045 Dec 22 02:38                      | 0° <b>ろ</b>           |             |
|                  | 3041 Mar 20 15:09                      | 0° <b>Υ</b>                  |             | min. Earth dist. | 3046 Jan 20 06:58                      | 29° <b>る</b> 40'03    | 0.98376 AU  |
|                  | 3041 Apr 19 19:00                      | 0°8                          |             |                  | 3046 Jan 20 14:48                      | 0° <b>≈</b>           |             |
|                  | 3041 May 20 11:00                      | $\Pi^{\circ}0$               |             |                  | 3046 Feb 19 02:47                      | 0° <b>∀</b>           |             |
|                  | 3041 Jun 20 13:51                      | 0ಂತ                          |             |                  | 3046 Mar 20 20:25                      | $0^{\circ}$ Y         |             |
|                  | 3041 Jul 21 23:09                      | $0 {\circ} \Omega$           |             |                  | 3046 Apr 20 00:14                      | $9^{\circ}$ 8         |             |
| max. Earth dist. | 3041 Jul 22 07:21                      | 0° <b>Ω</b> 19'36            | 1.01629 AU  |                  | 3046 May 20 16:09                      | $\Pi$ $^{\circ}0$     |             |
|                  | 3041 Aug 22 08:38                      | 0° <b>m</b>                  |             |                  | 3046 Jun 20 18:53                      | $0$ $\circ$           |             |
|                  | 3041 Sep 22 11:57                      | 0° <b>⊽</b>                  |             |                  | 3046 Jul 22 04:06                      | $0 {\circ} \Omega$    |             |
|                  | 3041 Oct 23 04:38                      | 0°M.                         |             | max. Earth dist. | 3046 Jul 23 19:16                      | 1° <b>Ω</b> 33'30     | 1.01625 AU  |
|                  | 3041 Nov 22 09:10                      | 0° <b>∡</b> ¹                |             |                  | 3046 Aug 22 13:32                      | 0° <b>m</b> ∕         |             |
|                  | 3041 Dec 22 03:19                      | ರ°0                          |             |                  | 3046 Sep 22 16:52                      | 0∘ <b>⊽</b>           |             |
|                  | 3042 Jan 20 15:27                      | 0° <b>≈</b>                  |             |                  | 3046 Oct 23 09:35                      | 0° <b>M</b>           |             |
| min. Earth dist. | 3042 Jan 22 22:01                      | 2° <b>≈</b> 18'53            | 0.98373 AU  |                  | 3046 Nov 22 14:10                      | 0° <b>∡</b> ¹         |             |
|                  | 3042 Feb 19 03:23                      | 0° <b>∀</b>                  |             |                  | 3046 Dec 22 08:21                      | 0°ප                   |             |
|                  | 3042 Mar 20 20:58                      | $0$ ° $\mathbf{\Upsilon}$    |             |                  | 3047 Jan 20 20:29                      | 0° <b>≈</b>           |             |
|                  | 3042 Apr 20 00:44                      | 0°8                          |             | min. Earth dist. | 3047 Jan 22 21:37                      | 2°≈05'06              | 0.98377 AU  |
|                  | 3042 May 20 16:39                      | $\Pi^{\circ}0$               |             |                  | 3047 Feb 19 08:25                      | 0° <b>)</b> €         |             |
|                  | 3042 Jun 20 19:28                      | 0ം <b>ഉ</b>                  |             |                  | 3047 Mar 21 02:01                      | $0^{\circ}$ Y         |             |
|                  | 3042 Jul 22 04:47                      | 0°N                          |             |                  | 3047 Apr 20 05:48                      | 0°8                   |             |
| max. Earth dist. | 3042 Jul 22 12:48                      | 0° <b>Ω</b> 19'05            | 1.01625 AU  |                  | 3047 May 20 21:43                      | 0°II                  |             |
|                  | 3042 Aug 22 14:21                      | 0° m/                        |             |                  | 3047 Jun 21 00:30                      | 0°9                   |             |
|                  | 3042 Sep 22 17:46                      | 0∘ <b>⊽</b>                  |             | max. Earth dist. | 3047 Jul 21 22:24                      | 29° <b>5</b> 32'49    | 1.01626 AU  |
|                  | 3042 Oct 23 10:31                      | 0° <b>™</b>                  |             | max. Earth dist. | 3047 Jul 22 09:48                      | 0°Ω                   | 1.01020710  |
|                  | 3042 Nov 22 15:05                      | 0° <b>⊼</b> ¹                |             |                  | 3047 Aug 22 19:18                      | 0° m/y                |             |
|                  | 3042 Nov 22 13:03<br>3042 Dec 22 09:15 | 0°ਤ<br>ਹ`ਤ                   |             |                  | 3047 Sep 22 22:41                      | ەر<br><u>م</u> ە∘0    |             |
|                  | 3042 Dec 22 09:13<br>3043 Jan 20 21:25 | 0°≈                          |             |                  | 3047 Sep 22 22:41<br>3047 Oct 23 15:25 | 0° <b>™</b>           |             |
| min Earth diat   |  |                              | 0.00272 ATT |                  |  | 0° <b>⊼</b> ¹         |             |
| min. Earth dist. | 3043 Jan 21 01:53                      | 0°≈11'23<br>0° <b>米</b>      | 0.98373 AU  |                  | 3047 Nov 22 19:59                      | 0 × 0<br>ව            |             |
|                  | 3043 Feb 19 09:22                      | 0 <b>Υ</b><br>0° <b>Υ</b>    |             |                  | 3047 Dec 22 14:08                      |                       |             |
|                  | 3043 Mar 21 02:57                      |                              |             | . E 4 E 4        | 3048 Jan 21 02:17                      | 0° <b>≈</b>           | 0.00272 411 |
|                  | 3043 Apr 20 06:43                      | 0° <b>K</b>                  |             | min. Earth dist. | 3048 Jan 22 06:29                      | 1°≈11'48              | 0.98372 AU  |
|                  | 3043 May 20 22:37                      | 0° <b>I</b> I                |             |                  | 3048 Feb 19 14:13                      | 0° <b>){</b>          |             |
|                  | 3043 Jun 21 01:24                      | 0.ಲ                          |             |                  | 3048 Mar 20 07:50                      | 0°Υ<br>               |             |
|                  | 3043 Jul 22 10:43                      | 0° <b>Ω</b>                  |             |                  | 3048 Apr 19 11:38                      | 0° <b>8</b>           |             |
| max. Earth dist. | 3043 Jul 24 17:05                      | 2° <b>Ω</b> 09'44            | 1.01630 AU  |                  | 3048 May 20 03:35                      | 0°Щ                   |             |
|                  | 3043 Aug 22 20:15                      | 0° <b>m</b> )                |             |                  | 3048 Jun 20 06:24                      | 0°99                  |             |
|                  | 3043 Sep 22 23:39                      | 0ಂ <b>ಹ</b>                  |             |                  | 3048 Jul 21 15:42                      | $0$ ° $\Omega$        |             |
|                  | 3043 Oct 23 16:22                      | 0°M                          |             | max. Earth dist. | 3048 Jul 23 21:28                      |                       | 1.01624 AU  |
|                  | 3043 Nov 22 20:53                      | 0° <b>∡</b> 7                |             |                  | 3048 Aug 22 01:12                      | 0° <b>m</b> )         |             |
|                  | 3043 Dec 22 15:00                      | 0°ප                          |             |                  | 3048 Sep 22 04:32                      | 0∘ <b>⊽</b>           |             |
|                  | 3044 Jan 21 03:07                      | 0° <b>≈</b>                  |             |                  | 3048 Oct 22 21:12                      | 0° <b>M</b>           |             |
| min. Earth dist. | 3044 Jan 21 22:38                      | 0° <b>≈</b> 49'42            | 0.98378 AU  |                  | 3048 Nov 22 01:43                      | 0° <b>∡</b> ¹         |             |
|                  | 3044 Feb 19 15:05                      | 0° <b>ℋ</b>                  |             |                  | 3048 Dec 21 19:52                      | 0°₹                   |             |
|                  | 3044 Mar 20 08:44                      | $0^{\circ}\mathbf{\Upsilon}$ |             | min. Earth dist. | 3049 Jan 19 21:52                      | 29° <b>る</b> 34'06    | 0.98378 AU  |
|                  | 3044 Apr 19 12:32                      | $9^{\circ}$ 8                |             |                  | 3049 Jan 20 08:02                      | 0° <b>≈</b>           |             |
|                  | 3044 May 20 04:28                      | $\Pi^{\circ}0$               |             |                  | 3049 Feb 18 20:02                      | 0° <b>)</b> €         |             |
|                  | 3044 Jun 20 07:13                      | 0°€                          |             |                  | 3049 Mar 20 13:41                      | $0^{\circ}\mathbf{Y}$ |             |
|                  | 3044 Jul 21 16:30                      | $0^{\circ}\Omega$            |             |                  | 3049 Apr 19 17:30                      | $9^{\circ}$ 8         |             |
| max. Earth dist. | 3044 Jul 21 12:38                      | 29° <b>©</b> 50'45           | 1.01627 AU  |                  | 3049 May 20 09:25                      | $\Pi$ $^{\circ}0$     |             |
|                  | 3044 Aug 22 02:01                      | 0° <b>m</b>                  |             |                  | 3049 Jun 20 12:11                      | 0ಂತಾ                  |             |
|                  | 3044 Sep 22 05:24                      | 0∘ <u>⊽</u>                  |             |                  | 3049 Jul 21 21:26                      | $0^{\circ}\Omega$     |             |
|                  | *                                      |                              |             |                  |  |                       |             |

| max. Earth dist. | 3049 Jul 22 17:20                      | 0° <b>Ω</b> 47'30       | 1.01628 AU  |                   | 3054 May 20 14:15 | $\Pi^{\circ}0$               |             |
|------------------|--|-------------------------|-------------|-------------------|-------------------|------------------------------|-------------|
|                  | 3049 Aug 22 06:55                      | 0° <b>™</b>             |             |                   | 3054 Jun 20 16:58 | $0$ $\circ$ $\odot$          |             |
|                  | 3049 Sep 22 10:15                      | 0∘ <b>⊽</b>             |             |                   | 3054 Jul 22 02:13 | $0^{\circ}\Omega$            |             |
|                  | 3049 Oct 23 02:56                      | 0°M                     |             | max. Earth dist.  | 3054 Jul 24 05:17 | 2° <b>Ω</b> 01'51            | 1.01627 AU  |
|                  | 3049 Nov 22 07:27                      | 0° <b>∡</b> ¹           |             |                   | 3054 Aug 22 11:43 | o∘ <b>m</b> ⊅                |             |
|                  | 3049 Dec 22 01:37                      | 0°ರ                     |             |                   | 3054 Sep 22 15:08 | 0∘ <del>⊽</del>              |             |
|                  | 3050 Jan 20 13:46                      | 0° <b>≈</b>             |             |                   | 3054 Oct 23 07:55 | 0° <b>M</b> .                |             |
| min. Earth dist. | 3050 Jan 22 21:26                      | 2°≈21'42                | 0.98376 AU  |                   | 3054 Nov 22 12:33 | 0° <b>∡</b> ¹                |             |
| min. Burm uist.  | 3050 Feb 19 01:44                      | 0° <b>)</b> €           | 0.905,0110  |                   | 3054 Dec 22 06:47 | 0°ਰ                          |             |
|                  | 3050 Mar 20 19:20                      | 0° <b>Υ</b>             |             |                   | 3055 Jan 20 18:57 | 0° <b>≈</b>                  |             |
|                  | 3050 Apr 19 23:06                      | 0°8                     |             | min. Earth dist.  | 3055 Jan 22 14:34 | 1°≈51'03                     | 0.98378 AU  |
|                  | 3050 May 20 14:59                      | 0°II                    |             | mm. Larm dist.    | 3055 Feb 19 06:54 | 0° <b>\</b>                  | 0.76576 AC  |
|                  | •                                      | 0°9                     |             |                   |                   | 0° <b>Υ</b>                  |             |
| E d E d          | 3050 Jun 20 17:44                      |                         | 1.01/24.411 |                   | 3055 Mar 21 00:27 |                              |             |
| max. Earth dist. | 3050 Jul 22 04:04                      | 0° <b>Ω</b> 02'32       | 1.01624 AU  |                   | 3055 Apr 20 04:09 | 0° <b>B</b>                  |             |
|                  | 3050 Jul 22 03:01                      | 0° <b>N</b>             |             |                   | 3055 May 20 19:58 | 0°II                         |             |
|                  | 3050 Aug 22 12:33                      | 0° mp                   |             |                   | 3055 Jun 20 22:41 | 0°©                          |             |
|                  | 3050 Sep 22 16:00                      | 0∘ <b>⊽</b>             |             | max. Earth dist.  | 3055 Jul 22 04:57 | 29° <b>©</b> 52'50           | 1.01628 AU  |
|                  | 3050 Oct 23 08:47                      | 0°M                     |             |                   | 3055 Jul 22 07:57 | $0$ $\circ$ $\Omega$         |             |
|                  | 3050 Nov 22 13:23                      | 0° <b>∡</b> °           |             |                   | 3055 Aug 22 17:31 | 0° m/y                       |             |
|                  | 3050 Dec 22 07:32                      | 0°ಕ                     |             |                   | 3055 Sep 22 20:59 | 0∘ <b>⊽</b>                  |             |
|                  | 3051 Jan 20 19:39                      | 0° <b>≈</b>             |             |                   | 3055 Oct 23 13:48 | 0° <b>M</b> ₊                |             |
| min. Earth dist. | 3051 Jan 21 07:42                      | 0° <b>≈</b> 30'39       | 0.98370 AU  |                   | 3055 Nov 22 18:25 | 0° <b>∡</b> ¹                |             |
|                  | 3051 Feb 19 07:35                      | 0° <b>∀</b>             |             |                   | 3055 Dec 22 12:37 | 0°ರ                          |             |
|                  | 3051 Mar 21 01:10                      | $0^{\circ}$ Y           |             |                   | 3056 Jan 21 00:47 | 0° <b>≈</b>                  |             |
|                  | 3051 Apr 20 04:56                      | $9^{\circ}$ 8           |             | min. Earth dist.  | 3056 Jan 22 15:00 | 1° <b>≈</b> 37'16            | 0.98373 AU  |
|                  | 3051 May 20 20:50                      | $\Pi$ $^{\circ}0$       |             |                   | 3056 Feb 19 12:44 | 0° <b>∀</b>                  |             |
|                  | 3051 Jun 20 23:36                      | 0ಂತಾ                    |             |                   | 3056 Mar 20 06:20 | $0^{\circ}\mathbf{\Upsilon}$ |             |
|                  | 3051 Jul 22 08:53                      | $0^{\circ}\Omega$       |             |                   | 3056 Apr 19 10:04 | 0°8                          |             |
| max. Earth dist. | 3051 Jul 24 21:45                      |                         | 1.01629 AU  |                   | 3056 May 20 01:57 | 0°II                         |             |
| man. Darun dige. | 3051 Aug 22 18:26                      | 0° mp                   | 1.01027110  |                   | 3056 Jun 20 04:40 | 0°©                          |             |
|                  | 3051 Sep 22 21:52                      | 0∘ <b>ರ</b><br>೧.ಗ      |             |                   | 3056 Jul 21 13:56 | 0° <b>U</b>                  |             |
|                  | 3051 Oct 23 14:38                      | 0° <b>m</b> .           |             | max. Earth dist.  | 3056 Jul 23 22:01 | 2° <b>Ω</b> 13'47            | 1.01622 AU  |
|                  | 3051 Nov 22 19:12                      | 0° <b>⊼</b> ¹           |             | max. Lartii dist. | 3056 Aug 21 23:27 | 0° <b>m</b> )                | 1.01022 AC  |
|                  |  | 0°ਤ                     |             |                   | •                 | 0∘ <del>ত</del><br>راا       |             |
| i. E.uth diet    | 3051 Dec 22 13:20                      |                         | 0.00274 ATT |                   | 3056 Sep 22 02:52 |                              |             |
| min. Earth dist. | 3052 Jan 21 11:09                      | 0°≈24'48                | 0.98374 AU  |                   | 3056 Oct 22 19:39 | 0° <b>M</b><br>0°. <b>₹</b>  |             |
|                  | 3052 Jan 21 01:25                      | 0° <b>≈</b>             |             |                   | 3056 Nov 22 00:16 | 0° <b>∡</b>                  |             |
|                  | 3052 Feb 19 13:19                      | 0° <b>)</b> €           |             |                   | 3056 Dec 21 18:28 | 0°중                          | 0.000       |
|                  | 3052 Mar 20 06:54                      | 0° <b>Υ</b>             |             | min. Earth dist.  | 3057 Jan 19 22:48 | 29° <b>る</b> 40'01           | 0.98377 AU  |
|                  | 3052 Apr 19 10:41                      | 0°B                     |             |                   | 3057 Jan 20 06:39 | 0° <b>≈</b>                  |             |
|                  | 3052 May 20 02:36                      | 0° <b>I</b> I           |             |                   | 3057 Feb 18 18:38 | 0° <b>∀</b>                  |             |
|                  | 3052 Jun 20 05:23                      | $0$ $\circ$ $\infty$    |             |                   | 3057 Mar 20 12:15 | $0^{\circ}$ Y                |             |
|                  | 3052 Jul 21 14:40                      | $0 {\circ} \Omega$      |             |                   | 3057 Apr 19 16:02 | $_{0\circ}$ 8                |             |
| max. Earth dist. | 3052 Jul 21 18:25                      | 0° <b>Ω</b> 08'59       | 1.01629 AU  |                   | 3057 May 20 07:55 | $\Pi^{\circ}0$               |             |
|                  | 3052 Aug 22 00:11                      | 0° <b>™</b>             |             |                   | 3057 Jun 20 10:37 | $0$ $\circ$ $\odot$          |             |
|                  | 3052 Sep 22 03:36                      | 0∘ <b>⊽</b>             |             |                   | 3057 Jul 21 19:49 | $0 ^{\circ} \Omega$          |             |
|                  | 3052 Oct 22 20:22                      | $0^{\circ}$ M           |             | max. Earth dist.  | 3057 Jul 23 04:09 | 1° <b>Ω</b> 17'09            | 1.01625 AU  |
|                  | 3052 Nov 22 00:58                      | 0° <b>∡</b> °           |             |                   | 3057 Aug 22 05:16 | 0° <b>m</b> )                |             |
|                  | 3052 Dec 21 19:08                      | 8°0                     |             |                   | 3057 Sep 22 08:40 | 0∘ <b>ऌ</b>                  |             |
|                  | 3053 Jan 20 07:16                      | 0° <b>≈</b>             |             |                   | 3057 Oct 23 01:26 | 0° <b>M</b>                  |             |
| min. Earth dist. | 3053 Jan 22 11:55                      | 2°≈14'02                | 0.98371 AU  |                   | 3057 Nov 22 06:04 | 0° <b>∡</b> ¹                |             |
|                  | 3053 Feb 18 19:10                      | 0° <b>)</b> {           |             |                   | 3057 Dec 22 00:18 | 0°⋜                          |             |
|                  | 3053 Mar 20 12:44                      | $0^{\circ}$ $\Upsilon$  |             |                   | 3058 Jan 20 12:30 | 0° <b>≈</b>                  |             |
|                  | 3053 Apr 19 16:29                      | 0°8                     |             | min. Earth dist.  | 3058 Jan 23 00:41 |                              | 0.98377 AU  |
|                  | 3053 May 20 08:22                      | 0°II                    |             |                   | 3058 Feb 19 00:26 | 0° <b>∀</b>                  |             |
|                  | 3053 Jun 20 11:07                      | 0<br>. ಪ                |             |                   | 3058 Mar 20 18:00 | 0° <b>Υ</b>                  |             |
|                  | 3053 Jul 20 11:07<br>3053 Jul 21 20:23 | 0°N                     |             |                   | 3058 Apr 19 21:43 | 0°8                          |             |
| may Earth dist   |  | _                       | 1.01621 ATT |                   | •                 | 0°II                         |             |
| max. Earth dist. | 3053 Jul 22 23:44                      | 0°M)                    | 1.01621 AU  |                   | 3058 May 20 13:33 | 0°©                          |             |
|                  | 3053 Aug 22 05:53                      |                         |             | F 4 F 4           | 3058 Jun 20 16:15 |                              | 1.01/22 ATT |
|                  | 3053 Sep 22 09:19                      | 0∘ <b>™</b>             |             | max. Earth dist.  | 3058 Jul 21 23:03 | 29°954'11                    | 1.01623 AU  |
|                  | 3053 Oct 23 02:06                      | 0°M                     |             |                   | 3058 Jul 22 01:29 | 0° <b>N</b>                  |             |
|                  | 3053 Nov 22 06:46                      | 0° ⊀ <sup>7</sup>       |             |                   | 3058 Aug 22 11:01 | 0° <b>m</b> )                |             |
|                  | 3053 Dec 22 01:01                      | 0°ප                     |             |                   | 3058 Sep 22 14:28 | 0∘ <b>⊽</b>                  |             |
|                  | 3054 Jan 20 13:13                      | 0° <b>≈</b>             |             |                   | 3058 Oct 23 07:19 | 0° <b>M</b> -                |             |
| min. Earth dist. | 3054 Jan 20 14:31                      | 0°≈03'19                | 0.98375 AU  |                   | 3058 Nov 22 12:00 | 0° <b>∡</b>                  |             |
|                  | 3054 Feb 19 01:10                      | 0° <b>∀</b>             |             |                   | 3058 Dec 22 06:15 | 0°ಕ                          |             |
|                  | 3054 Mar 20 18:44                      | $0$ ° $\mathbf{\gamma}$ |             |                   | 3059 Jan 20 18:26 | 0° <b>≈</b>                  |             |
|                  | 3054 Apr 19 22:26                      | $9^{\circ}$ 8           |             | min. Earth dist.  | 3059 Jan 21 19:31 | 1° <b>≈</b> 03'51            | 0.98372 AU  |
|                  |  |                         |             |                   |                   |                              |             |

|                  | 2050 F. L. 10, 06 21 | 001/                    |             |                     | 20/2 D 22 11 21   | 00=                       |             |
|------------------|----------------------|-------------------------|-------------|---------------------|-------------------|---------------------------|-------------|
|                  | 3059 Feb 19 06:21    | 0° <b>\</b>             |             |                     | 3063 Dec 22 11:21 | 6°5                       |             |
|                  | 3059 Mar 20 23:54    | 0° <b>Υ</b>             |             |                     | 3064 Jan 20 23:29 | 0° <b>≈</b>               |             |
|                  | 3059 Apr 20 03:36    | 0°B                     |             | min. Earth dist.    | 3064 Jan 23 00:32 | 2° <b>≈</b> 04'51         | 0.98370 AU  |
|                  | 3059 May 20 19:27    | $\Pi$ $^{\circ}0$       |             |                     | 3064 Feb 19 11:21 | 0° <b>₩</b>               |             |
|                  | 3059 Jun 20 22:11    | 0                       |             |                     | 3064 Mar 20 04:52 | $0$ ° $\Upsilon$          |             |
|                  | 3059 Jul 22 07:28    | $0 {\circ} \Omega$      |             |                     | 3064 Apr 19 08:34 | $9^{\circ}$ 8             |             |
| max. Earth dist. | 3059 Jul 24 23:28    | 2° <b>Ω</b> 32'41       | 1.01626 AU  |                     | 3064 May 20 00:25 | $\Pi^{\circ}0$            |             |
|                  | 3059 Aug 22 17:00    | 0° <b>™</b>             |             |                     | 3064 Jun 20 03:09 | 0ංම                       |             |
|                  | 3059 Sep 22 20:26    | 0∘ <b>⊽</b>             |             |                     | 3064 Jul 21 12:24 | $0^{\circ}\Omega$         |             |
|                  | 3059 Oct 23 13:13    | $0^{\circ}$ M           |             | max. Earth dist.    | 3064 Jul 23 11:28 | 1° <b>Ω</b> 52'16         | 1.01622 AU  |
|                  | 3059 Nov 22 17:50    | 0° <b>⊼</b>             |             |                     | 3064 Aug 21 21:56 | 0° <b>m</b> )             |             |
|                  | 3059 Dec 22 12:03    | ರ°0                     |             |                     | 3064 Sep 22 01:24 | 0∘ <b>⊽</b>               |             |
| min. Earth dist. | 3060 Jan 21 04:00    | 0°≈09'40                | 0.98377 AU  |                     | 3064 Oct 22 18:14 | 0° <b>M</b> .             |             |
|                  | 3060 Jan 21 00:13    | 0° <b>≈</b>             |             |                     | 3064 Nov 21 22:55 | 0° <b>∡</b> ⊓             |             |
|                  | 3060 Feb 19 12:09    | 0° <b>∀</b>             |             |                     | 3064 Dec 21 17:11 | 0°ਰ                       |             |
|                  | 3060 Mar 20 05:43    | 0° <b>Υ</b>             |             | min. Earth dist.    | 3065 Jan 20 04:57 | 29° <b>ろ</b> 58'59        | 0.98374 AU  |
|                  | 3060 Apr 19 09:26    | 0°8                     |             | mm. Latin dist.     | 3065 Jan 20 05:21 | 0° <b>≈</b>               | 0.76574 AU  |
|                  | •                    | 0°II                    |             |                     |                   | 0° <b>∺</b>               |             |
|                  | 3060 May 20 01:18    |                         |             |                     | 3065 Feb 18 17:17 |                           |             |
|                  | 3060 Jun 20 04:02    | 0° <b>©</b>             |             |                     | 3065 Mar 20 10:49 | 0° <b>Ƴ</b>               |             |
|                  | 3060 Jul 21 13:18    | 0°N                     |             |                     | 3065 Apr 19 14:30 | 0.8<br>0.8                |             |
| max. Earth dist. | 3060 Jul 22 03:06    | 0° <b>Ω</b> 32'56       | 1.01629 AU  |                     | 3065 May 20 06:18 | 0°II                      |             |
|                  | 3060 Aug 21 22:49    | 0° <b>m</b>             |             |                     | 3065 Jun 20 09:00 | 0°ಲ                       |             |
|                  | 3060 Sep 22 02:15    | 0∘ <b>⊽</b>             |             |                     | 3065 Jul 21 18:13 | $0$ $\circ$ $\Omega$      |             |
|                  | 3060 Oct 22 19:01    | $0^{\circ}$ M           |             | max. Earth dist.    | 3065 Jul 23 12:58 | 1° <b>Ω</b> 42′02         | 1.01627 AU  |
|                  | 3060 Nov 21 23:37    | 0° <b>∡</b> ¹           |             |                     | 3065 Aug 22 03:42 | 0° <b>m</b> y             |             |
|                  | 3060 Dec 21 17:49    | 5°0                     |             |                     | 3065 Sep 22 07:08 | 0∘ <b>ত</b>               |             |
|                  | 3061 Jan 20 06:00    | 0° <b>≈</b>             |             |                     | 3065 Oct 22 23:57 | 0° <b>M</b> ₊             |             |
| min. Earth dist. | 3061 Jan 22 15:46    | 2° <b>≈</b> 27'03       | 0.98375 AU  |                     | 3065 Nov 22 04:40 | 0° <b>∡</b> ¹             |             |
|                  | 3061 Feb 18 17:58    | 0° <b>)</b> €           |             |                     | 3065 Dec 21 22:57 | 0°ರ                       |             |
|                  | 3061 Mar 20 11:33    | $0^{\circ}\mathbf{Y}$   |             |                     | 3066 Jan 20 11:10 | 0° <b>≈</b>               |             |
|                  | 3061 Apr 19 15:16    | 0°8                     |             | min. Earth dist.    | 3066 Jan 23 01:41 | 2° <b>≈</b> 39'10         | 0.98378 AU  |
|                  | 3061 May 20 07:04    | 0°II                    |             |                     | 3066 Feb 18 23:06 | 0° <b>∀</b>               |             |
|                  | 3061 Jun 20 09:45    | 0<br>. ಅ                |             |                     | 3066 Mar 20 16:35 | 0° <b>Υ</b>               |             |
|                  | 3061 Jul 21 19:00    | 0°N                     |             |                     | 3066 Apr 19 20:11 | 0°8                       |             |
| max. Earth dist. | 3061 Jul 22 13:16    | 0° <b>Ω</b> 43'34       | 1.01621 AU  |                     | 3066 May 20 11:54 | 0°II                      |             |
| max. Earm dist.  | 3061 Aug 22 04:31    | 0° <b>m</b>             | 1.01021 AU  |                     | 3066 Jun 20 14:32 | 0°©                       |             |
|                  |                      | 0∘ <b>ʊ</b><br>0 ııĭı   |             |                     | 3066 Jul 21 23:46 | 0° <b>U</b>               |             |
|                  | 3061 Sep 22 07:58    |                         |             | Foods died          |                   |                           | 1.01/2/ AII |
|                  | 3061 Oct 23 00:47    | 0°M₊                    |             | max. Earth dist.    | 3066 Jul 22 01:14 | 0° <b>Ω</b> 03'32         | 1.01626 AU  |
|                  | 3061 Nov 22 05:27    | 0° <b>⊼</b>             |             |                     | 3066 Aug 22 09:19 | 0° <b>m</b> )             |             |
|                  | 3061 Dec 21 23:41    | ರ್∘ರ                    |             |                     | 3066 Sep 22 12:50 | 0∘ <b>亚</b>               |             |
|                  | 3062 Jan 20 11:53    | 0° <b>≈</b>             |             |                     | 3066 Oct 23 05:44 | 0° <b>M</b> ₊             |             |
| min. Earth dist. | 3062 Jan 20 18:16    | 0°≈16′14                | 0.98375 AU  |                     | 3066 Nov 22 10:28 | 0° <b>∡</b> ¹             |             |
|                  | 3062 Feb 18 23:51    | 0° <b>∀</b>             |             |                     | 3066 Dec 22 04:47 | 0°₹                       |             |
|                  | 3062 Mar 20 17:26    | $0^{\circ}\Upsilon$     |             |                     | 3067 Jan 20 17:00 | 0° <b>≈</b>               |             |
|                  | 3062 Apr 19 21:08    | $9^{\circ}$ 8           |             | min. Earth dist.    | 3067 Jan 22 05:10 | 1° <b>≈</b> 32′03         | 0.98374 AU  |
|                  | 3062 May 20 12:56    | $\Pi^{\circ}0$          |             |                     | 3067 Feb 19 04:56 | 0° <b>)</b> €             |             |
|                  | 3062 Jun 20 15:36    | $0$ $\circ$ $\odot$     |             |                     | 3067 Mar 20 22:26 | $0$ ° $\mathbf{\Upsilon}$ |             |
|                  | 3062 Jul 22 00:50    | $0^{\circ}\Omega$       |             |                     | 3067 Apr 20 02:03 | $0^{\circ}$ 8             |             |
| max. Earth dist. | 3062 Jul 24 14:25    | 2° <b>Ω</b> 26′57       | 1.01626 AU  |                     | 3067 May 20 17:46 | $\Pi^{\circ}0$            |             |
|                  | 3062 Aug 22 10:21    | 0° <b>m</b>             |             |                     | 3067 Jun 20 20:25 | 0°©                       |             |
|                  | 3062 Sep 22 13:48    | 0∘ <u>⊽</u>             |             |                     | 3067 Jul 22 05:39 | $0^{\circ}\Omega$         |             |
|                  | 3062 Oct 23 06:39    | 0°M                     |             | max. Earth dist.    | 3067 Jul 25 04:28 | 2° <b>Ω</b> 48'55         | 1.01625 AU  |
|                  | 3062 Nov 22 11:18    | 0° <b>∡</b> 7           |             | Titali. Darin dibi. | 3067 Aug 22 15:14 | 0° m)                     | 1.01020110  |
|                  | 3062 Dec 22 05:30    | °ਤ                      |             |                     | 3067 Sep 22 18:44 | 0∘ <del>⊽</del>           |             |
|                  |                      | 0°≈                     |             |                     | •                 | 0° <b>™</b>               |             |
| in Fruth diet    | 3063 Jan 20 17:39    |                         | 0.00276 ATT |                     | 3067 Oct 23 11:36 |                           |             |
| min. Earth dist. | 3063 Jan 22 00:16    | 1°≈17'58                | 0.98376 AU  |                     | 3067 Nov 22 16:17 | 0° <b>∡</b> ¹             |             |
|                  | 3063 Feb 19 05:33    | 0° <b>)</b> €           |             |                     | 3067 Dec 22 10:32 | 0°ප                       |             |
|                  | 3063 Mar 20 23:05    | 0∘Υ                     |             | 1 E 4 F             | 3068 Jan 20 22:44 | 0° <b>≈</b>               | 0.00070 ::: |
|                  | 3063 Apr 20 02:47    | 0°8                     |             | min. Earth dist.    | 3068 Jan 20 22:58 | 0°≈00'37                  | 0.98378 AU  |
|                  | 3063 May 20 18:36    | 0°Щ                     |             |                     | 3068 Feb 19 10:41 | 0° <b>∀</b>               |             |
|                  | 3063 Jun 20 21:17    | 0°®                     |             |                     | 3068 Mar 20 04:14 | 0° <b>Υ</b>               |             |
| max. Earth dist. | 3063 Jul 22 09:34    | 0° <b>Ω</b> 07'12       | 1.01628 AU  |                     | 3068 Apr 19 07:54 | $0$ $\circ$ 8             |             |
|                  | 3063 Jul 22 06:32    | $0$ $^{\circ}$ $\Omega$ |             |                     | 3068 May 19 23:40 | $\Pi$ °0                  |             |
|                  | 3063 Aug 22 16:06    | 0° <b>m</b>             |             |                     | 3068 Jun 20 02:18 | $0$ $\circ$               |             |
|                  | 3063 Sep 22 19:36    | 0∘ <b>⊽</b>             |             |                     | 3068 Jul 21 11:29 | $0^{\circ}\Omega$         |             |
|                  | 3063 Oct 23 12:28    | $0^{\circ}$ M           |             | max. Earth dist.    | 3068 Jul 22 15:36 | 1° <b>Ω</b> 07'06         | 1.01627 AU  |
|                  | 3063 Nov 22 17:08    | 0° <b>∡</b> 7           |             |                     | 3068 Aug 21 21:00 | 0° <b>m</b> )             |             |
|                  |                      |                         |             |                     |                   |                           |             |

|                  | 3068 Sep 22 00:28 | 0∘ <b>亚</b>             |             |                  | 3073 Jul 21 16:31 | $0$ $^{\circ}\Omega$ |              |
|------------------|-------------------|-------------------------|-------------|------------------|-------------------|----------------------|--------------|
|                  | 3068 Oct 22 17:19 | 0° <b>M</b> ₊           |             | max. Earth dist. | 3073 Jul 23 22:18 | 2° <b>Ω</b> 08′23    | 1.01626 AU   |
|                  | 3068 Nov 21 22:01 | 0° <b>∡</b> ¹           |             |                  | 3073 Aug 22 02:02 | 0° <b>™</b>          |              |
|                  | 3068 Dec 21 16:17 | 0° <b>ප</b>             |             |                  | 3073 Sep 22 05:29 | 0∘ <b>⊽</b>          |              |
|                  | 3069 Jan 20 04:28 | 0° <b>≈</b>             |             |                  | 3073 Oct 22 22:20 | 0°M                  |              |
| min. Earth dist. | 3069 Jan 22 19:08 | 2° <b>≈</b> 39'33 0     | .98377 AU   |                  | 3073 Nov 22 03:01 | 0° <b>∡</b> ¹        |              |
|                  | 3069 Feb 18 16:25 | 0° <b>\</b>             |             |                  | 3073 Dec 21 21:18 | 0°ಕ                  |              |
|                  | 3069 Mar 20 09:59 | 0° <b>Ƴ</b>             |             |                  | 3074 Jan 20 09:30 | 0° <b>≈</b>          |              |
|                  | 3069 Apr 19 13:39 | 0°8                     |             | min. Earth dist. | 3074 Jan 22 12:14 | 2°≈09'14             | 0.98378 AU   |
|                  | 3069 May 20 05:24 | 0°П                     |             | min. Burur uist. | 3074 Feb 18 21:25 | 0° <b>)</b> €        | 0.50570110   |
|                  | 3069 Jun 20 08:00 | 0.2<br>0.3              |             |                  | 3074 Mar 20 14:55 | 0°Υ                  |              |
|                  | 3069 Jul 21 17:10 | 0°Ω                     |             |                  | 3074 Apr 19 18:32 | 0°8                  |              |
| max. Earth dist. | 3069 Jul 22 04:23 | _                       | .01618 AU   |                  | •                 | 0°II                 |              |
| max. Earm dist.  |                   |                         | .01018 AU   |                  | 3074 May 20 10:15 | 0°9                  |              |
|                  | 3069 Aug 22 02:39 | 0 <b>்⊽</b><br>0∘∭      |             |                  | 3074 Jun 20 12:52 |                      |              |
|                  | 3069 Sep 22 06:07 |                         |             | E d Ed           | 3074 Jul 21 22:05 | 0° <b>Ω</b>          | 1.01/27 ATT  |
|                  | 3069 Oct 22 23:01 | 0° <b>M</b>             |             | max. Earth dist. | 3074 Jul 22 03:54 |                      | 1.01627 AU   |
|                  | 3069 Nov 22 03:46 | 0° <b>∡</b>             |             |                  | 3074 Aug 22 07:40 | 0° m/y               |              |
|                  | 3069 Dec 21 22:06 | 0°ಕ                     |             |                  | 3074 Sep 22 11:14 | 0∘ <b>⊽</b>          |              |
|                  | 3070 Jan 20 10:20 | 0° <b>≈</b>             |             |                  | 3074 Oct 23 04:11 | 0°M₊                 |              |
| min. Earth dist. | 3070 Jan 21 04:57 |                         | .98375 AU   |                  | 3074 Nov 22 08:56 | 0° <b>∡</b>          |              |
|                  | 3070 Feb 18 22:17 | 0° <b>∀</b>             |             |                  | 3074 Dec 22 03:13 | 0°ಕ                  |              |
|                  | 3070 Mar 20 15:50 | 0° <b>Υ</b>             |             |                  | 3075 Jan 20 15:22 | 0° <b>≈</b>          |              |
|                  | 3070 Apr 19 19:29 | $9^{\circ}$ 8           |             | min. Earth dist. | 3075 Jan 22 11:22 | 1° <b>≈</b> 51'57    | 0.98370 AU   |
|                  | 3070 May 20 11:15 | $\Pi$ $^{\circ}0$       |             |                  | 3075 Feb 19 03:15 | 0° <b>)</b> {        |              |
|                  | 3070 Jun 20 13:52 | 0ංම                     |             |                  | 3075 Mar 20 20:44 | $0^{\circ}$ Y        |              |
|                  | 3070 Jul 21 23:02 | $0^{\circ}\Omega$       |             |                  | 3075 Apr 20 00:20 | $9^{\circ}$ 8        |              |
| max. Earth dist. | 3070 Jul 24 19:09 | 2° <b>Ω</b> 42'30 1     | .01622 AU   |                  | 3075 May 20 16:05 | $\Pi$ $^{\circ}0$    |              |
|                  | 3070 Aug 22 08:31 | 0° <b>m</b> )           |             |                  | 3075 Jun 20 18:44 | 0ಂತಾ                 |              |
|                  | 3070 Sep 22 11:58 | 0∘ <b>⊽</b>             |             |                  | 3075 Jul 22 04:00 | $0^{\circ}\Omega$    |              |
|                  | 3070 Oct 23 04:51 | 0° <b>M</b> .           |             | max. Earth dist. | 3075 Jul 25 00:49 | 2° <b>Ω</b> 44'05    | 1.01626 AU   |
|                  | 3070 Nov 22 09:35 | 0° <b>∡</b> ¹           |             |                  | 3075 Aug 22 13:37 | 0° <b>m</b> )        |              |
|                  | 3070 Dec 22 03:53 | 0°ರ                     |             |                  | 3075 Sep 22 17:11 | 0∘ <u>⊽</u>          |              |
|                  | 3071 Jan 20 16:06 | 0°æ                     |             |                  | 3075 Oct 23 10:08 | 0° <b>M</b>          |              |
| min. Earth dist. | 3071 Jan 21 16:53 |                         | .98379 AU   |                  | 3075 Nov 22 14:52 | 0° <b>∡</b> 7        |              |
| mm. Earth dist.  | 3071 Feb 19 04:01 | 0° <b>)</b> €           | .,,037,7110 |                  | 3075 Dec 22 09:08 | 0°පි                 |              |
|                  | 3071 Mar 20 21:31 | 0° <b>Υ</b>             |             |                  | 3076 Jan 20 21:17 | 0° <b>≈</b>          |              |
|                  | 3071 Apr 20 01:09 | 0° <b>8</b>             |             | min. Earth dist. | 3076 Jan 21 00:12 | 0°≈07'25             | 0.98371 AU   |
|                  | 3071 May 20 16:55 | 0°II                    |             | mm. Earth dist.  | 3076 Feb 19 09:09 | 0° <b>∺</b>          | 0.70371710   |
|                  | •                 | 0°€                     |             |                  |                   | 0°Υ                  |              |
|                  | 3071 Jul 22 04:47 | 0°Ω                     |             |                  | 3076 Mar 20 02:37 | 0°8                  |              |
| E4b di-4         | 3071 Jul 22 04:47 |                         | 01/07 ATT   |                  | 3076 Apr 19 06:14 | 0°II                 |              |
| max. Earth dist. | 3071 Jul 22 14:30 | 0° <b>Ω</b> 23'12 1     | .0102/ AU   |                  | 3076 May 19 21:59 |                      |              |
|                  | 3071 Aug 22 14:19 | 0° m/                   |             |                  | 3076 Jun 20 00:39 | 0° <b>©</b>          |              |
|                  | 3071 Sep 22 17:47 | 0∘ <b>亚</b>             |             |                  | 3076 Jul 21 09:53 | 0°N                  | 1 01 (00 177 |
|                  | 3071 Oct 23 10:39 | 0°M                     |             | max. Earth dist. | 3076 Jul 22 23:57 | 1° <b>Ω</b> 30'51    | 1.01630 AU   |
|                  | 3071 Nov 22 15:22 | 0° <b>∡</b>             |             |                  | 3076 Aug 21 19:26 | 0° m/y               |              |
|                  | 3071 Dec 22 09:38 | 0°⋜                     |             |                  | 3076 Sep 21 22:58 | 0∘ <b>⊽</b>          |              |
|                  | 3072 Jan 20 21:51 | 0° <b>≈</b>             |             |                  | 3076 Oct 22 15:54 | 0°M                  |              |
| min. Earth dist. | 3072 Jan 23 08:27 |                         | 0.98374 AU  |                  | 3076 Nov 21 20:40 | 0° <b>∡</b>          |              |
|                  | 3072 Feb 19 09:46 | 0° <b>∺</b>             |             |                  | 3076 Dec 21 14:58 | 0° <b>ට</b>          |              |
|                  | 3072 Mar 20 03:17 | 0° <b>Ƴ</b>             |             |                  | 3077 Jan 20 03:09 | 0° <b>≈</b>          |              |
|                  | 3072 Apr 19 06:56 | 0°8                     |             | min. Earth dist. | 3077 Jan 22 23:48 | 2° <b>≈</b> 54'48    | 0.98374 AU   |
|                  | 3072 May 19 22:43 | $\Pi$ $^{\circ}0$       |             |                  | 3077 Feb 18 15:02 | 0° <b>∀</b>          |              |
|                  | 3072 Jun 20 01:24 | 0ං <b>ව</b>             |             |                  | 3077 Mar 20 08:29 | $0^{\circ}$ Y        |              |
|                  | 3072 Jul 21 10:39 | $0$ $^{\circ}$ $\Omega$ |             |                  | 3077 Apr 19 12:03 | $9^{\circ}$ 8        |              |
| max. Earth dist. | 3072 Jul 22 21:08 | 1° <b>Ω</b> 22'15 1     | .01621 AU   |                  | 3077 May 20 03:44 | $\Pi$ °0             |              |
|                  | 3072 Aug 21 20:11 | 0° <b>m</b> )           |             |                  | 3077 Jun 20 06:20 | $0$ $\circ$ $\odot$  |              |
|                  | 3072 Sep 21 23:39 | 0∘ <b>ಹ</b>             |             |                  | 3077 Jul 21 15:32 | $0^{\circ}\Omega$    |              |
|                  | 3072 Oct 22 16:29 | 0°M₊                    |             | max. Earth dist. | 3077 Jul 21 23:19 | 0° <b>Ω</b> 18'34    | 1.01622 AU   |
|                  | 3072 Nov 21 21:10 | 0° <b>∡</b> 7           |             |                  | 3077 Aug 22 01:05 | 0° mp                |              |
|                  | 3072 Dec 21 15:26 | 0°ಕ                     |             |                  | 3077 Sep 22 04:37 | 0∘ <del>⊽</del>      |              |
| min. Earth dist. | 3073 Jan 20 06:34 |                         | .98376 AU   |                  | 3077 Oct 22 21:36 | 0°M                  |              |
|                  | 3073 Jan 20 03:40 | 0° <b>≈</b>             |             |                  | 3077 Nov 22 02:26 | 0° <b>∡</b> ¹        |              |
|                  | 3073 Feb 18 15:38 | 0° <b>∀</b>             |             |                  | 3077 Dec 21 20:49 | 8°0                  |              |
|                  | 3073 Mar 20 09:12 | 0° <b>Ƴ</b>             |             |                  | 3078 Jan 20 09:05 | 0° <b>≈</b>          |              |
|                  | 3073 Apr 19 12:52 | 0°8                     |             | min. Earth dist. | 3078 Jan 21 17:05 | 1°≈21'25             | 0.98375 AU   |
|                  | 3073 May 20 04:39 | 0°П                     |             |                  | 3078 Feb 18 21:01 | 0° <b>∀</b>          |              |
|                  | 3073 Jun 20 07:18 | 0.2<br>0.3              |             |                  | 3078 Mar 20 14:29 | 0°Υ                  |              |
|                  | 20.2.2.3 20 07.10 | ~ -                     |             |                  | 20 11.27          |                      |              |

|                     | 2079 Apr. 10 19:01                     | 0°8                        |             | min Forth dist   | 3083 Jan 22 22:50                      | 200024116                        | 0.09274 ATT |
|---------------------|--|----------------------------|-------------|------------------|--|----------------------------------|-------------|
|                     | 3078 Apr 19 18:01                      | 0°U                        |             | min. Earth dist. |  | 2° <b>≈</b> 24 16<br>0° <b>H</b> | 0.98374 AU  |
|                     | 3078 May 20 09:40                      | 0.<br>0. Ш                 |             |                  | 3083 Feb 19 02:04                      | 0° <b>Υ</b>                      |             |
|                     | 3078 Jun 20 12:14<br>3078 Jul 21 21:26 | 0°€<br>0°€                 |             |                  | 3083 Mar 20 19:31<br>3083 Apr 19 23:03 | 0°8                              |             |
| max. Earth dist.    | 3078 Jul 25 02:13                      | 3° <b>Ω</b> 03'10          | 1.01624 AU  |                  | 3083 Apr 19 23:03<br>3083 May 20 14:44 | 0°Π                              |             |
| max. Earm dist.     |  | 0° m)                      | 1.01024 AU  |                  | 3083 May 20 14.44<br>3083 Jun 20 17:20 | 0.<br>о п                        |             |
|                     | 3078 Aug 22 06:59                      | 0∘ <del>ت</del><br>بالا    |             |                  |  | 0°Ω<br>0 €3                      |             |
|                     | 3078 Sep 22 10:33                      | 0°M                        |             | max. Earth dist. | 3083 Jul 22 02:33<br>3083 Jul 24 14:29 | _                                | 1.01622.411 |
|                     | 3078 Oct 23 03:30<br>3078 Nov 22 08:19 | 0° <b>/</b> 7              |             | max. Earth dist. | 3083 Jul 24 14.29<br>3083 Aug 22 12:07 | 0°M)                             | 1.01622 AU  |
|                     |  | 0°ਤ<br>0°ਤ                 |             |                  | •                                      | 0∘ <b>रु</b><br>∩ ॥ँ             |             |
|                     | 3078 Dec 22 02:40<br>3079 Jan 20 14:55 | 0°≈                        |             |                  | 3083 Sep 22 15:39                      | 0°M                              |             |
| min. Earth dist.    |  | 0 ≈<br>0°≈46'52            | 0.00270 ATT |                  | 3083 Oct 23 08:35<br>3083 Nov 22 13:21 | 0° <b>/</b> 7                    |             |
| IIIII. Eartii dist. | 3079 Jan 21 09:19                      | 0 ≈46 32<br>0° <b>∺</b>    | 0.98379 AU  |                  |  | 0° <b>ਨ</b>                      |             |
|                     | 3079 Feb 19 02:50                      | 0° <b>π</b><br>0° <b>Υ</b> |             |                  | 3083 Dec 22 07:42                      |                                  |             |
|                     | 3079 Mar 20 20:18                      |                            |             | i. Faul die      | 3084 Jan 20 19:56                      | 0°≈<br>0°≈ •17!13                | 0.00276 ATT |
|                     | 3079 Apr 19 23:50                      | 0° <b>B</b>                |             | min. Earth dist. | 3084 Jan 21 02:41                      | 0°≈17'13<br>0°¥                  | 0.98376 AU  |
|                     | 3079 May 20 15:29                      |                            |             |                  | 3084 Feb 19 07:51                      | 0° <b>Υ</b>                      |             |
|                     | 3079 Jun 20 18:02                      | 0° <b>©</b>                |             |                  | 3084 Mar 20 01:20                      |                                  |             |
| P. 4. F.            | 3079 Jul 22 03:13                      | 0°N                        | 1.01/20.477 |                  | 3084 Apr 19 04:54                      | 0° <b>B</b>                      |             |
| max. Earth dist.    | 3079 Jul 23 03:42                      | 0° <b>Ω</b> 58'27          | 1.01628 AU  |                  | 3084 May 19 20:36                      | 0°Ⅱ                              |             |
|                     | 3079 Aug 22 12:47                      | 0° <b>m</b> y              |             |                  | 3084 Jun 19 23:12                      | 0°©                              |             |
|                     | 3079 Sep 22 16:22                      | 0∘ <b>⊽</b>                |             |                  | 3084 Jul 21 08:24                      | $0$ ° $\Omega$                   |             |
|                     | 3079 Oct 23 09:20                      | 0° <b>M</b> -              |             | max. Earth dist. | 3084 Jul 23 08:06                      | 1° <b>Ω</b> 53'48                | 1.01628 AU  |
|                     | 3079 Nov 22 14:07                      | 0° <b>∡</b>                |             |                  | 3084 Aug 21 17:57                      | 0° <b>m</b> y                    |             |
|                     | 3079 Dec 22 08:27                      | 0° <b>る</b>                |             |                  | 3084 Sep 21 21:27                      | 0∘ <b>⊽</b>                      |             |
|                     | 3080 Jan 20 20:40                      | 0° <b>≈</b>                |             |                  | 3084 Oct 22 14:21                      | 0°M                              |             |
| min. Earth dist.    | 3080 Jan 23 14:39                      | 2° <b>≈</b> 47'59          | 0.98376 AU  |                  | 3084 Nov 21 19:07                      | 0° <b>∡</b> 7                    |             |
|                     | 3080 Feb 19 08:36                      | 0° <b>∀</b>                |             |                  | 3084 Dec 21 13:26                      | 0°ප                              |             |
|                     | 3080 Mar 20 02:06                      | $0^{\circ}$ $\Upsilon$     |             |                  | 3085 Jan 20 01:40                      | 0° <b>≈</b>                      |             |
|                     | 3080 Apr 19 05:41                      | 0°8                        |             | min. Earth dist. | 3085 Jan 22 17:43                      | 2° <b>≈</b> 43'05                | 0.98379 AU  |
|                     | 3080 May 19 21:23                      | $\Pi^{\circ}0$             |             |                  | 3085 Feb 18 13:36                      | 0° <b>∀</b>                      |             |
|                     | 3080 Jun 19 23:57                      | $0$ $\circ$ $\odot$        |             |                  | 3085 Mar 20 07:06                      | $0$ ° $\Upsilon$                 |             |
|                     | 3080 Jul 21 09:07                      | $0 {\circ} \Omega$         |             |                  | 3085 Apr 19 10:39                      | $9^{\circ}$ 8                    |             |
| max. Earth dist.    | 3080 Jul 22 14:58                      | 1° <b>Ω</b> 11'13          | 1.01618 AU  |                  | 3085 May 20 02:17                      | $\Pi$ °0                         |             |
|                     | 3080 Aug 21 18:38                      | 0° <b>m</b> )              |             |                  | 3085 Jun 20 04:49                      | 0ಂ <b>ತಾ</b>                     |             |
|                     | 3080 Sep 21 22:10                      | 0∘ <b>⊽</b>                |             |                  | 3085 Jul 21 13:59                      | $0 {\circ} \Omega$               |             |
|                     | 3080 Oct 22 15:07                      | 0°M₊                       |             | max. Earth dist. | 3085 Jul 21 22:30                      | 0° <b>Ω</b> 20'19                | 1.01622 AU  |
|                     | 3080 Nov 21 19:55                      | 0° <b>∡</b> 7              |             |                  | 3085 Aug 21 23:31                      | 0° <b>™</b>                      |             |
|                     | 3080 Dec 21 14:16                      | 0° <b>ප</b>                |             |                  | 3085 Sep 22 03:04                      | 0∘ <b>⊽</b>                      |             |
|                     | 3081 Jan 20 02:31                      | 0° <b>≈</b>                |             |                  | 3085 Oct 22 20:02                      | 0°M₊                             |             |
| min. Earth dist.    | 3081 Jan 20 14:44                      |                            | 0.98376 AU  |                  | 3085 Nov 22 00:51                      | 0° <b>∡</b>                      |             |
|                     | 3081 Feb 18 14:28                      | 0° <b>∀</b>                |             |                  | 3085 Dec 21 19:13                      | 0°ප                              |             |
|                     | 3081 Mar 20 08:00                      | $0^{\circ}$ $\Upsilon$     |             |                  | 3086 Jan 20 07:28                      | 0° <b>≈</b>                      |             |
|                     | 3081 Apr 19 11:38                      | $0^{\circ}S$               |             | min. Earth dist. | 3086 Jan 21 22:10                      | 1° <b>≈</b> 38′29                | 0.98374 AU  |
|                     | 3081 May 20 03:20                      | $\Pi^{\circ}0$             |             |                  | 3086 Feb 18 19:23                      | 0° <b>∀</b>                      |             |
|                     | 3081 Jun 20 05:54                      | $0$ $\circ$ $\odot$        |             |                  | 3086 Mar 20 12:52                      | $0$ ° $\Upsilon$                 |             |
|                     | 3081 Jul 21 15:02                      | $0 {\circ} \Omega$         |             |                  | 3086 Apr 19 16:25                      | $9^{\circ}$ 8                    |             |
| max. Earth dist.    | 3081 Jul 24 08:17                      | 2° <b>Ω</b> 35'41          | 1.01621 AU  |                  | 3086 May 20 08:04                      | $\Pi$ $^{\circ}0$                |             |
|                     | 3081 Aug 22 00:31                      | 0° <b>m</b> )              |             |                  | 3086 Jun 20 10:36                      | 0                                |             |
|                     | 3081 Sep 22 04:00                      | 0∘ <b>⊽</b>                |             |                  | 3086 Jul 21 19:47                      | $0^{\circ}\Omega$                |             |
|                     | 3081 Oct 22 20:56                      | 0°M₊                       |             | max. Earth dist. | 3086 Jul 25 03:03                      | 3° <b>Ω</b> 09'05                | 1.01623 AU  |
|                     | 3081 Nov 22 01:44                      | 0° <b>∡</b> ¹              |             |                  | 3086 Aug 22 05:21                      | 0° <b>™</b>                      |             |
|                     | 3081 Dec 21 20:07                      | 0° <b>ろ</b>                |             |                  | 3086 Sep 22 08:56                      | 0∘ <b>⊽</b>                      |             |
|                     | 3082 Jan 20 08:22                      | 0° <b>≈</b>                |             |                  | 3086 Oct 23 01:56                      | 0°M                              |             |
| min. Earth dist.    | 3082 Jan 22 06:11                      | 1° <b>≈</b> 56'40          | 0.98380 AU  |                  | 3086 Nov 22 06:45                      | 0° <b>∡</b> 7                    |             |
|                     | 3082 Feb 18 20:17                      | 0° <b>∀</b>                |             |                  | 3086 Dec 22 01:05                      | 0°ප                              |             |
|                     | 3082 Mar 20 13:45                      | $0^{\circ}$ $\Upsilon$     |             |                  | 3087 Jan 20 13:16                      | 0° <b>≈</b>                      |             |
|                     | 3082 Apr 19 17:18                      | $0^{\circ}S$               |             | min. Earth dist. | 3087 Jan 21 00:07                      | 0° <b>≈</b> 27'38                | 0.98375 AU  |
|                     | 3082 May 20 08:58                      | $\Pi^{\circ}0$             |             |                  | 3087 Feb 19 01:08                      | 0° <b>∀</b>                      |             |
|                     | 3082 Jun 20 11:30                      | 0ം <b>ತಾ</b>               |             |                  | 3087 Mar 20 18:34                      | 0° <b>Υ</b>                      |             |
|                     | 3082 Jul 21 20:39                      | $0$ ° $\Omega$             |             |                  | 3087 Apr 19 22:06                      | $9^{\circ}$ 8                    |             |
| max. Earth dist.    | 3082 Jul 22 07:35                      | 0° <b>Ω</b> 26′06          | 1.01624 AU  |                  | 3087 May 20 13:46                      | $\Pi^{\circ}0$                   |             |
|                     | 3082 Aug 22 06:10                      | 0° <b>m</b>                |             |                  | 3087 Jun 20 16:20                      | $0$ $\circ$ $\odot$              |             |
|                     | 3082 Sep 22 09:43                      | 0∘ <b>⊽</b>                |             |                  | 3087 Jul 22 01:31                      | $0$ $^{\circ}$ $\Omega$          |             |
|                     | 3082 Oct 23 02:41                      | $0^{\circ}$ M              |             | max. Earth dist. | 3087 Jul 23 11:37                      | 1° <b>Ω</b> 21′23                | 1.01629 AU  |
|                     | 3082 Nov 22 07:32                      | 0° <b>∡</b> ¹              |             |                  | 3087 Aug 22 11:06                      | 0°Щ                              |             |
|                     | 3082 Dec 22 01:55                      | 0°ප                        |             |                  | 3087 Sep 22 14:42                      | 0∘ <b>⊽</b>                      |             |
|                     | 3083 Jan 20 14:10                      | 0° <b>≈</b>                |             |                  | 3087 Oct 23 07:42                      | $0^{\circ}$ M                    |             |
|                     |  |                            |             |                  |  |                                  |             |

|                  | 3087 Nov 22 12:32                      | 0° <b>∡</b> ¹           |            |                  | 3002 Aug 21 16:05                      | 0° <b>m</b> )              |            |
|------------------|--|-------------------------|------------|------------------|--|----------------------------|------------|
|                  | 3087 Nov 22 12.32<br>3087 Dec 22 06:52 | 0°る                     |            |                  | 3092 Aug 21 16:05<br>3092 Sep 21 19:40 | 0∘ <b>ت</b><br>۱۱۱۸        |            |
|                  | 3088 Jan 20 19:03                      | 0°≈                     |            |                  | 3092 Sep 21 19.40<br>3092 Oct 22 12:42 | 0 <b>==</b><br>0° <b>M</b> |            |
| min. Earth dist. | 3088 Jan 23 19:07                      | 3°≈03'29                | 0.98373 AU |                  | 3092 Nov 21 17:35                      | 0° <b>⊼</b> 7              |            |
| mm. Larm dist.   | 3088 Feb 19 06:54                      | 0° <b>\</b>             | 0.76373 AC |                  | 3092 Dec 21 11:59                      | °ੇਠ                        |            |
|                  | 3088 Mar 20 00:19                      | 0° <b>Υ</b>             |            |                  | 3093 Jan 20 00:14                      | 0° <b>≈</b>                |            |
|                  | 3088 Apr 19 03:50                      | 0°8                     |            | min. Earth dist. | 3093 Jan 22 13:22                      |                            | 0.98380 AU |
|                  | 3088 May 19 19:30                      | 0°II                    |            | mm. Earth dist.  | 3093 Feb 18 12:09                      | 0° <b>∀</b>                | 0.70300710 |
|                  | 3088 Jun 19 22:06                      | 0°©                     |            |                  | 3093 Mar 20 05:36                      | 0°Υ                        |            |
|                  | 3088 Jul 21 07:17                      | 0°N                     |            |                  | 3093 Apr 19 09:06                      | 0°8                        |            |
| max. Earth dist. | 3088 Jul 22 01:49                      | 0° <b>Ω</b> 44'13       | 1.01622 AU |                  | 3093 May 20 00:40                      | 0°П                        |            |
|                  | 3088 Aug 21 16:50                      | 0° m)                   |            |                  | 3093 Jun 20 03:08                      | 0<br>ಲ                     |            |
|                  | 3088 Sep 21 20:25                      | 0∘ <mark>ಹ</mark>       |            |                  | 3093 Jul 21 12:12                      | 0°N                        |            |
|                  | 3088 Oct 22 13:25                      | 0° <b>M</b> .           |            | max. Earth dist. | 3093 Jul 22 02:36                      | 0° <b>Ω</b> 34'20          | 1.01620 AU |
|                  | 3088 Nov 21 18:17                      | 0° <b>∡</b> ¹           |            |                  | 3093 Aug 21 21:43                      | 0° m)                      |            |
|                  | 3088 Dec 21 12:40                      | 0°ਰ                     |            |                  | 3093 Sep 22 01:18                      | 0∘ <u>ರ</u>                |            |
|                  | 3089 Jan 20 00:54                      | 0° <b>≈</b>             |            |                  | 3093 Oct 22 18:22                      | 0° <b>M</b>                |            |
| min. Earth dist. | 3089 Jan 21 01:20                      | 1°≈02'11                | 0.98373 AU |                  | 3093 Nov 21 23:19                      | 0° <b>∡</b> 7              |            |
|                  | 3089 Feb 18 12:48                      | 0° <b>)</b> €           |            |                  | 3093 Dec 21 17:47                      | 0° <b>ප</b>                |            |
|                  | 3089 Mar 20 06:14                      | $0^{\circ}\Upsilon$     |            |                  | 3094 Jan 20 06:05                      | 0° <b>≈</b>                |            |
|                  | 3089 Apr 19 09:45                      | 0°8                     |            | min. Earth dist. | 3094 Jan 22 10:19                      | 2°≈12'56                   | 0.98375 AU |
|                  | 3089 May 20 01:23                      | 0° <b>I</b> I           |            |                  | 3094 Feb 18 18:00                      | 0° <b>)</b> {              |            |
|                  | 3089 Jun 20 03:57                      | 0ಂತಾ                    |            |                  | 3094 Mar 20 11:25                      | 0°Υ                        |            |
|                  | 3089 Jul 21 13:08                      | 0°N                     |            |                  | 3094 Apr 19 14:55                      | 0°8                        |            |
| max. Earth dist. | 3089 Jul 24 14:35                      | 2° <b>Ω</b> 55'14       | 1.01624 AU |                  | 3094 May 20 06:29                      | 0°II                       |            |
|                  | 3089 Aug 21 22:41                      | 0° m                    |            |                  | 3094 Jun 20 08:59                      | 0°©                        |            |
|                  | 3089 Sep 22 02:14                      | 0∘ <u>⊽</u>             |            |                  | 3094 Jul 21 18:06                      | $0^{\circ}\Omega$          |            |
|                  | 3089 Oct 22 19:13                      | 0°M                     |            | max. Earth dist. | 3094 Jul 25 00:47                      | 3° <b>Ω</b> 07'40          | 1.01619 AU |
|                  | 3089 Nov 22 00:05                      | 0° <b>∡</b> ¹           |            |                  | 3094 Aug 22 03:39                      | 0° m)                      |            |
|                  | 3089 Dec 21 18:31                      | 0° <b>ට</b>             |            |                  | 3094 Sep 22 07:15                      | 0∘ <b>⊽</b>                |            |
|                  | 3090 Jan 20 06:47                      | 0° <b>≈</b>             |            |                  | 3094 Oct 23 00:18                      | 0° <b>M</b> ₊              |            |
| min. Earth dist. | 3090 Jan 21 21:43                      | 1° <b>≈</b> 39'07       | 0.98380 AU |                  | 3094 Nov 22 05:13                      | 0° <b>∡</b> 7              |            |
|                  | 3090 Feb 18 18:41                      | 0° <b>∀</b>             |            |                  | 3094 Dec 21 23:40                      | 0°ರ                        |            |
|                  | 3090 Mar 20 12:04                      | $0^{\circ}$ $\Upsilon$  |            |                  | 3095 Jan 20 11:56                      | 0° <b>≈</b>                |            |
|                  | 3090 Apr 19 15:31                      | 0°8                     |            | min. Earth dist. | 3095 Jan 21 02:14                      | 0° <b>≈</b> 36'24          | 0.98378 AU |
|                  | 3090 May 20 07:04                      | $\Pi^{\circ}$           |            |                  | 3095 Feb 18 23:50                      | 0° <b>)</b> €              |            |
|                  | 3090 Jun 20 09:33                      | $0$ $\circ$ $\odot$     |            |                  | 3095 Mar 20 17:15                      | $0^{\circ}$ Y              |            |
|                  | 3090 Jul 21 18:43                      | $0^{\circ}\Omega$       |            |                  | 3095 Apr 19 20:43                      | 0°8                        |            |
| max. Earth dist. | 3090 Jul 22 16:41                      | 0° <b>Ω</b> 52'26       | 1.01628 AU |                  | 3095 May 20 12:19                      | $\Pi^{\circ}0$             |            |
|                  | 3090 Aug 22 04:18                      | 0° <b>m</b> ∕           |            |                  | 3095 Jun 20 14:50                      | $0$ $\circ$ $\odot$        |            |
|                  | 3090 Sep 22 07:56                      | 0∘ <b>ত</b>             |            |                  | 3095 Jul 21 24:00                      | $0^{\circ}\Omega$          |            |
|                  | 3090 Oct 23 01:00                      | 0°M₊                    |            | max. Earth dist. | 3095 Jul 23 20:19                      | 1° <b>Ω</b> 45'46          | 1.01627 AU |
|                  | 3090 Nov 22 05:53                      | 0° <b>∡</b> ¹           |            |                  | 3095 Aug 22 09:33                      | 0° <b>™</b>                |            |
|                  | 3090 Dec 22 00:19                      | 0°ಕ                     |            |                  | 3095 Sep 22 13:08                      | 0∘ <b>ত</b>                |            |
|                  | 3091 Jan 20 12:35                      | 0° <b>≈</b>             |            |                  | 3095 Oct 23 06:09                      | $0^{\circ}$ M              |            |
| min. Earth dist. | 3091 Jan 23 07:21                      | 2° <b>≈</b> 49'58       | 0.98375 AU |                  | 3095 Nov 22 11:02                      | 0° <b>∡</b> 7              |            |
|                  | 3091 Feb 19 00:29                      | 0° <b>∀</b>             |            |                  | 3095 Dec 22 05:27                      | 0°ප                        |            |
|                  | 3091 Mar 20 17:53                      | $0$ ° $\Upsilon$        |            |                  | 3096 Jan 20 17:43                      | 0° <b>≈</b>                |            |
|                  | 3091 Apr 19 21:20                      | $9^{\circ}$ 8           |            | min. Earth dist. | 3096 Jan 23 20:50                      | 3° <b>≈</b> 11'14          | 0.98378 AU |
|                  | 3091 May 20 12:54                      | $\Pi$ °0                |            |                  | 3096 Feb 19 05:38                      | 0° <b>)</b> €              |            |
|                  | 3091 Jun 20 15:24                      | $0$ $\circ$ $\odot$     |            |                  | 3096 Mar 19 23:04                      | $0^{\circ}$ Y              |            |
|                  | 3091 Jul 22 00:35                      | $0^{\circ}\Omega$       |            |                  | 3096 Apr 19 02:33                      | $9^{\circ}$ 8              |            |
| max. Earth dist. | 3091 Jul 24 08:57                      | 2° <b>Ω</b> 14'25       | 1.01622 AU |                  | 3096 May 19 18:08                      | $\Pi^{\circ}0$             |            |
|                  | 3091 Aug 22 10:12                      | 0° <b>m</b>             |            |                  | 3096 Jun 19 20:39                      | $0$ $\circ$ $\odot$        |            |
|                  | 3091 Sep 22 13:51                      | 0∘ <b>⊽</b>             |            |                  | 3096 Jul 21 05:49                      | $0$ $^{\circ}\Omega$       |            |
|                  | 3091 Oct 23 06:54                      | 0°M₊                    |            | max. Earth dist. | 3096 Jul 21 19:48                      | 0° <b>Ω</b> 33'22          | 1.01621 AU |
|                  | 3091 Nov 22 11:45                      | 0° <b>∡</b> ¹           |            |                  | 3096 Aug 21 15:22                      | 0° <b>™</b>                |            |
|                  | 3091 Dec 22 06:08                      | 0°ರ                     |            |                  | 3096 Sep 21 18:56                      | 0∘ <b>⊽</b>                |            |
|                  | 3092 Jan 20 18:22                      | 0° <b>≈</b>             |            |                  | 3096 Oct 22 11:56                      | $0^{\circ}$ M              |            |
| min. Earth dist. | 3092 Jan 21 06:59                      | 0° <b>≈</b> 32'07       | 0.98375 AU |                  | 3096 Nov 21 16:49                      | 0° <b>∡</b>                |            |
|                  | 3092 Feb 19 06:17                      | 0° <b>∀</b>             |            |                  | 3096 Dec 21 11:14                      | 0°₹                        |            |
|                  | 3092 Mar 19 23:44                      | 0° <b>Υ</b>             |            |                  | 3097 Jan 19 23:31                      | 0° <b>≈</b>                |            |
|                  | 3092 Apr 19 03:16                      | 0°B                     |            | min. Earth dist. | 3097 Jan 21 08:05                      | 1°≈22'51                   | 0.98377 AU |
|                  | 3092 May 19 18:53                      | 0°Щ                     |            |                  | 3097 Feb 18 11:29                      | 0° <b>)</b> €              |            |
|                  | 3092 Jun 19 21:24                      | 0°©                     |            |                  | 3097 Mar 20 04:57                      | 0° <b>Υ</b>                |            |
|                  | 3092 Jul 21 06:32                      | $0$ $^{\circ}$ $\Omega$ |            |                  | 3097 Apr 19 08:28                      | 0°8                        |            |
| max. Earth dist. | 3092 Jul 23 20:21                      | 2° <b>81</b> 27'30      | 1.01626 AU |                  | 3097 May 20 00:04                      | $\Pi$ °0                   |            |
|                  |  |                         |            |                  |  |                            |            |

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|----------------------|--|-------------------------------|
|                      | 3097 Jun 20 02:35                      | 0°•©                          |
|                      | 3097 Jul 21 11:44                      | $0^{\circ}\Omega$             |
| max. Earth dist.     | 3097 Jul 24 19:34                      | 3°Ω10'27 1.01622 AU           |
|                      | 3097 Aug 21 21:17                      | 0° m                          |
|                      | 3097 Sep 22 00:52                      | 0∘ <del>⊽</del>               |
|                      | 3097 Oct 22 17:53                      | 0°M                           |
|                      | 3097 Nov 21 22:45                      | 0° <b>₹</b> ¹                 |
|                      | 3097 Dec 21 17:10                      | 0°පි                          |
|                      | 3098 Jan 20 05:26                      | 0°≈                           |
| min. Earth dist.     | 3098 Jan 21 06:28                      | 1°≈03'44 0.98380 AU           |
| mm. Latin dist.      | 3098 Feb 18 17:21                      | 0°\ <del>\</del>              |
|                      |  | 0 <del>Υ</del><br>0° <b>Υ</b> |
|                      | 3098 Mar 20 10:45                      | · ·                           |
|                      | 3098 Apr 19 14:13                      | 0° <b>8</b>                   |
|                      | 3098 May 20 05:46                      | 0°I                           |
|                      | 3098 Jun 20 08:14                      | 0.0                           |
| T 4 P                | 3098 Jul 21 17:22                      | 0°Ω                           |
| max. Earth dist.     | 3098 Jul 23 00:17                      | 1° <b>Ω</b> 13'48 1.01627 AU  |
|                      | 3098 Aug 22 02:57                      | 0° <b>m</b>                   |
|                      | 3098 Sep 22 06:36                      | 0∘ <b>⊽</b>                   |
|                      | 3098 Oct 22 23:42                      | 0° <b>M</b>                   |
|                      | 3098 Nov 22 04:37                      | 0° <b>∡</b>                   |
|                      | 3098 Dec 21 23:02                      | 0° <b>ප</b>                   |
|                      | 3099 Jan 20 11:16                      | 0° <b>≈</b>                   |
| min. Earth dist.     | 3099 Jan 23 11:59                      | 3°≈05'08 0.98373 AU           |
|                      | 3099 Feb 18 23:08                      | 0° <b>ℋ</b>                   |
|                      | 3099 Mar 20 16:30                      | $0^{\circ}\mathbf{\Upsilon}$  |
|                      | 3099 Apr 19 19:57                      | 0°8                           |
|                      | 3099 May 20 11:32                      | 0° <b>Ⅱ</b>                   |
|                      | 3099 Jun 20 14:02                      | 0∘დ                           |
|                      | 3099 Jul 21 23:13                      | $0^{\circ}\Omega$             |
| max. Earth dist.     | 3099 Jul 23 16:00                      | 1° <b>Ω</b> 37'16 1.01623 AU  |
|                      | 3099 Aug 22 08:50                      | 0° m                          |
|                      | 3099 Sep 22 12:30                      | 0∘ <u>v</u>                   |
|                      | 3099 Oct 23 05:35                      | 0°M                           |
|                      | 3099 Nov 22 10:30                      | 0° <b>×</b> 7                 |
|                      | 3099 Dec 22 04:54                      | 0°පි                          |
|                      | 3100 Jan 20 17:07                      | 0°≈                           |
| min. Earth dist.     | 3100 Jan 21 14:14                      | 0°≈53'44 0.98372 AU           |
| iiiii. Lattii tiist. | 3100 Feb 19 04:59                      | 0° <b>X</b>                   |
|                      | 3100 Feb 19 04:39<br>3100 Mar 20 22:22 | 0°Υ                           |
|                      | 3100 Mai 20 22:22<br>3100 Apr 20 01:50 | 0°8                           |
|                      | 3100 Apr 20 01:30<br>3100 May 20 17:26 | 0°II                          |
|                      | 3100 May 20 17.26<br>3100 Jun 20 19:58 |                               |
|                      |  | 0°©                           |
| F 41 F 4             | 3100 Jul 22 05:09                      | 0°Ω                           |
| max. Earth dist.     | 3100 Jul 25 02:33                      | 2° <b>Ω</b> 45'36 1.01627 AU  |
|                      | 3100 Aug 22 14:43                      | 0° m/                         |
|                      | 3100 Sep 22 18:20                      | 0∘ <b>⊽</b>                   |
|                      | 3100 Oct 23 11:24                      | 0°M                           |
|                      | 3100 Nov 22 16:19                      | 0° <b>₹</b>                   |
|                      | 3100 Dec 22 10:46                      | 0°පි                          |
|                      | 3101 Jan 20 23:01                      | 0° <b>≈</b>                   |
| min. Earth dist.     | 3101 Jan 23 05:48                      | 2°≈19'30 0.98379 AU           |
|                      | 3101 Feb 19 10:54                      | 0° <b>X</b>                   |
|                      | 3101 Mar 21 04:16                      | 0° <b>Υ</b>                   |
|                      | 3101 Apr 20 07:41                      | 0°8                           |
|                      | 3101 May 20 23:11                      | 0° <b>Ⅱ</b>                   |
|                      | 3101 Jun 21 01:37                      | 0∘დ                           |
|                      | 3101 Jul 22 10:44                      | $0 {\circ} \Omega$            |
| max. Earth dist.     | 3101 Jul 23 06:48                      | 0° <b>Ω</b> 47′54 1.01624 AU  |
|                      | 3101 Aug 22 20:17                      | 0° <b>m</b>                   |
|                      | 3101 Sep 22 23:54                      | 0∘ <b>⊽</b>                   |
|                      | 3101 Oct 23 17:00                      | 0° <b>M</b> .                 |
|                      | 3101 Nov 22 21:59                      | 0° <b>∡</b> ¹                 |
|                      | 3101 Dec 22 16:30                      | 0°రె                          |
|                      |  |                               |