

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
-1	2008 JAN 14 15:00:00	284.4	0.35	-9.74	175.
-2	2008 OCT 06 00:00:00	291.7	0.34	-9.35	357.
-3	2009 SEP 29 00:00:00	325.6	0.32	-5.68	0.
1	2011 MAR 18 06:50:13	12.3	0.31	2.14	359.
2	2011 MAR 18 18:54:30	15.5	0.31	2.68	359.
3	2011 MAR 19 06:58:47	18.6	0.31	3.20	359.
4	2011 MAR 19 19:03:03	21.7	0.31	3.72	359.
5	2011 MAR 20 07:07:22	24.8	0.31	4.22	359.
6	2011 MAR 20 19:11:40	27.9	0.31	4.70	359.
7	2011 MAR 21 07:15:58	31.0	0.32	5.17	359.
8	2011 MAR 21 19:20:17	34.0	0.32	5.62	359.
9	2011 MAR 22 07:24:37	37.0	0.32	6.05	359.
10	2011 MAR 22 19:28:57	40.0	0.32	6.45	360.
11	2011 MAR 23 07:33:19	42.9	0.32	6.84	360.
12	2011 MAR 23 19:37:39	45.8	0.32	7.20	360.
13	2011 MAR 24 07:42:01	48.7	0.33	7.54	0.
14	2011 MAR 24 19:46:25	51.5	0.33	7.86	0.
15	2011 MAR 25 07:50:47	54.3	0.33	8.16	1.
16	2011 MAR 25 19:55:10	57.0	0.33	8.43	1.
17	2011 MAR 26 07:59:34	59.7	0.34	8.68	1.
18	2011 MAR 26 20:03:58	62.4	0.34	8.90	2.
19	2011 MAR 27 08:08:21	65.0	0.34	9.11	2.
20	2011 MAR 27 20:12:45	67.6	0.34	9.29	3.
21	2011 MAR 28 08:17:11	70.1	0.35	9.45	3.
22	2011 MAR 28 20:21:34	72.6	0.35	9.59	4.
23	2011 MAR 29 08:26:00	75.1	0.35	9.71	5.
24	2011 MAR 29 20:30:23	77.5	0.35	9.81	5.
25	2011 MAR 30 08:34:49	79.9	0.36	9.90	6.
26	2011 MAR 30 20:39:12	82.2	0.36	9.96	7.
27	2011 MAR 31 08:43:38	84.5	0.36	10.01	8.
28	2011 MAR 31 20:48:01	86.8	0.37	10.04	8.
29	2011 APR 01 08:52:27	89.0	0.37	10.06	9.
30	2011 APR 01 20:56:51	91.2	0.37	10.06	10.
31	2011 APR 02 09:01:14	93.4	0.38	10.04	11.
32	2011 APR 02 21:05:40	95.5	0.38	10.01	12.
33	2011 APR 03 09:10:03	97.6	0.38	9.97	13.
34	2011 APR 03 21:14:27	99.7	0.38	9.92	14.
35	2011 APR 04 09:18:51	101.7	0.39	9.85	15.
36	2011 APR 04 21:23:14	103.7	0.39	9.78	16.
37	2011 APR 05 09:27:36	105.7	0.39	9.69	17.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
38	2011 APR 05 21:32:00	107.6	0.40	9.59	18.
39	2011 APR 06 09:36:24	109.5	0.40	9.49	20.
40	2011 APR 06 21:40:47	111.4	0.40	9.37	21.
41	2011 APR 07 09:45:09	113.3	0.40	9.25	22.
42	2011 APR 07 21:49:33	115.1	0.41	9.11	23.
43	2011 APR 08 09:53:55	116.9	0.41	8.97	25.
44	2011 APR 08 21:58:18	118.7	0.41	8.83	26.
45	2011 APR 09 10:02:40	120.5	0.41	8.67	27.
46	2011 APR 09 22:07:02	122.3	0.42	8.51	28.
47	2011 APR 10 10:11:24	124.0	0.42	8.35	30.
48	2011 APR 10 22:15:48	125.7	0.42	8.18	31.
49	2011 APR 11 10:20:10	127.4	0.42	8.00	33.
50	2011 APR 11 22:24:32	129.1	0.43	7.82	34.
51	2011 APR 12 10:28:54	130.7	0.43	7.63	35.
52	2011 APR 12 22:33:14	132.4	0.43	7.44	37.
53	2011 APR 13 10:37:36	134.0	0.43	7.25	38.
54	2011 APR 13 22:41:58	135.6	0.43	7.05	40.
55	2011 APR 14 10:46:18	137.2	0.44	6.85	41.
56	2011 APR 14 22:50:40	138.7	0.44	6.64	43.
57	2011 APR 15 10:55:00	140.3	0.44	6.43	44.
58	2011 APR 15 22:59:22	141.8	0.44	6.22	46.
59	2011 APR 16 11:03:42	143.4	0.44	6.01	47.
60	2011 APR 16 23:08:02	144.9	0.45	5.79	49.
61	2011 APR 17 11:12:22	146.4	0.45	5.57	51.
62	2011 APR 17 23:16:42	147.9	0.45	5.35	52.
63	2011 APR 18 11:21:03	149.4	0.45	5.13	54.
64	2011 APR 18 23:25:23	150.9	0.45	4.90	55.
65	2011 APR 19 11:29:43	152.4	0.45	4.67	57.
66	2011 APR 19 23:34:01	153.8	0.45	4.44	59.
67	2011 APR 20 11:38:21	155.3	0.46	4.21	60.
68	2011 APR 20 23:42:42	156.7	0.46	3.98	62.
69	2011 APR 21 11:47:00	158.2	0.46	3.75	64.
70	2011 APR 21 23:51:20	159.6	0.46	3.51	65.
71	2011 APR 22 11:55:39	161.0	0.46	3.28	67.
72	2011 APR 22 23:59:59	162.4	0.46	3.04	69.
73	2011 APR 23 12:04:17	163.9	0.46	2.80	70.
74	2011 APR 24 00:08:35	165.3	0.46	2.56	72.
75	2011 APR 24 12:12:56	166.7	0.46	2.32	74.
76	2011 APR 25 00:17:14	168.1	0.46	2.08	75.
77	2011 APR 25 12:21:32	169.5	0.46	1.84	77.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
78	2011 APR 26 00:25:51	170.9	0.47	1.60	79.
79	2011 APR 26 12:30:09	172.3	0.47	1.36	80.
80	2011 APR 27 00:34:28	173.6	0.47	1.12	82.
81	2011 APR 27 12:38:46	175.0	0.47	0.87	84.
82	2011 APR 28 00:43:04	176.4	0.47	0.63	85.
83	2011 APR 28 12:47:23	177.8	0.47	0.39	87.
84	2011 APR 29 00:51:41	179.2	0.47	0.14	89.
85	2011 APR 29 12:56:00	180.6	0.47	-0.10	90.
86	2011 APR 30 01:00:18	182.0	0.47	-0.34	92.
87	2011 APR 30 13:04:36	183.3	0.47	-0.59	94.
88	2011 MAY 01 01:08:55	184.7	0.47	-0.83	96.
89	2011 MAY 01 13:13:11	186.1	0.47	-1.07	97.
90	2011 MAY 02 01:17:30	187.5	0.47	-1.31	99.
91	2011 MAY 02 13:21:48	188.9	0.47	-1.56	101.
92	2011 MAY 03 01:26:07	190.3	0.46	-1.80	102.
93	2011 MAY 03 13:30:25	191.7	0.46	-2.04	104.
94	2011 MAY 04 01:34:42	193.1	0.46	-2.28	106.
95	2011 MAY 04 13:39:00	194.5	0.46	-2.52	107.
96	2011 MAY 05 01:43:18	195.9	0.46	-2.76	109.
97	2011 MAY 05 13:47:37	197.3	0.46	-3.00	111.
98	2011 MAY 06 01:51:55	198.7	0.46	-3.23	112.
99	2011 MAY 06 13:56:14	200.2	0.46	-3.47	114.
100	2011 MAY 07 02:00:32	201.6	0.46	-3.71	116.
101	2011 MAY 07 14:04:50	203.0	0.46	-3.94	117.
102	2011 MAY 08 02:09:11	204.5	0.46	-4.17	119.
103	2011 MAY 08 14:13:29	205.9	0.45	-4.40	121.
104	2011 MAY 09 02:17:47	207.4	0.45	-4.63	122.
105	2011 MAY 09 14:22:06	208.9	0.45	-4.86	124.
106	2011 MAY 10 02:26:26	210.3	0.45	-5.09	126.
107	2011 MAY 10 14:30:44	211.8	0.45	-5.31	127.
108	2011 MAY 11 02:35:03	213.3	0.45	-5.53	129.
109	2011 MAY 11 14:39:23	214.8	0.45	-5.75	130.
110	2011 MAY 12 02:43:41	216.4	0.44	-5.97	132.
111	2011 MAY 12 14:48:01	217.9	0.44	-6.18	133.
112	2011 MAY 13 02:52:22	219.4	0.44	-6.40	135.
113	2011 MAY 13 14:56:40	221.0	0.44	-6.61	136.
114	2011 MAY 14 03:01:00	222.6	0.44	-6.81	138.
115	2011 MAY 14 15:05:20	224.2	0.43	-7.01	139.
116	2011 MAY 15 03:09:39	225.8	0.43	-7.21	141.
117	2011 MAY 15 15:13:59	227.4	0.43	-7.41	142.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
118	2011 MAY 16 03:18:19	229.0	0.43	-7.60	144.
119	2011 MAY 16 15:22:37	230.7	0.43	-7.79	145.
120	2011 MAY 17 03:26:58	232.3	0.42	-7.97	147.
121	2011 MAY 17 15:31:18	234.0	0.42	-8.15	148.
122	2011 MAY 18 03:35:38	235.7	0.42	-8.32	149.
123	2011 MAY 18 15:39:58	237.5	0.42	-8.49	151.
124	2011 MAY 19 03:44:18	239.2	0.41	-8.65	152.
125	2011 MAY 19 15:48:37	241.0	0.41	-8.80	154.
126	2011 MAY 20 03:52:57	242.8	0.41	-8.95	155.
127	2011 MAY 20 15:57:17	244.6	0.41	-9.09	156.
128	2011 MAY 21 04:01:37	246.4	0.40	-9.22	157.
129	2011 MAY 21 16:05:57	248.3	0.40	-9.35	159.
130	2011 MAY 22 04:10:17	250.2	0.40	-9.47	160.
131	2011 MAY 22 16:14:38	252.1	0.40	-9.58	161.
132	2011 MAY 23 04:18:58	254.0	0.39	-9.67	162.
133	2011 MAY 23 16:23:18	256.0	0.39	-9.76	163.
134	2011 MAY 24 04:27:38	258.0	0.39	-9.84	164.
135	2011 MAY 24 16:31:58	260.0	0.38	-9.91	165.
136	2011 MAY 25 04:36:18	262.1	0.38	-9.97	166.
137	2011 MAY 25 16:40:39	264.2	0.38	-10.01	167.
138	2011 MAY 26 04:44:59	266.3	0.38	-10.04	168.
139	2011 MAY 26 16:49:19	268.4	0.37	-10.06	169.
140	2011 MAY 27 04:53:39	270.6	0.37	-10.06	170.
141	2011 MAY 27 16:58:01	272.9	0.37	-10.05	171.
142	2011 MAY 28 05:02:21	275.1	0.36	-10.02	172.
143	2011 MAY 28 17:06:43	277.4	0.36	-9.97	173.
144	2011 MAY 29 05:11:03	279.8	0.36	-9.91	173.
145	2011 MAY 29 17:15:25	282.1	0.36	-9.83	174.
146	2011 MAY 30 05:19:45	284.5	0.35	-9.73	175.
147	2011 MAY 30 17:24:07	287.0	0.35	-9.62	175.
148	2011 MAY 31 05:28:27	289.5	0.35	-9.48	176.
149	2011 MAY 31 17:32:49	292.0	0.34	-9.32	177.
150	2011 JUN 01 05:37:11	294.6	0.34	-9.14	177.
151	2011 JUN 01 17:41:31	297.2	0.34	-8.94	178.
152	2011 JUN 02 05:45:53	299.8	0.34	-8.72	178.
153	2011 JUN 02 17:50:13	302.5	0.33	-8.47	178.
154	2011 JUN 03 05:54:33	305.3	0.33	-8.21	179.
155	2011 JUN 03 17:58:54	308.0	0.33	-7.92	179.
156	2011 JUN 04 06:03:14	310.8	0.33	-7.60	179.
157	2011 JUN 04 18:07:34	313.7	0.32	-7.27	180.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
158	2011 JUN 05 06:11:52	316.6	0.32	-6.91	180.
159	2011 JUN 05 18:16:11	319.5	0.32	-6.52	180.
160	2011 JUN 06 06:20:29	322.5	0.32	-6.12	180.
161	2011 JUN 06 18:24:48	325.5	0.32	-5.70	180.
162	2011 JUN 07 06:29:04	328.5	0.32	-5.25	180.
163	2011 JUN 07 18:33:21	331.5	0.31	-4.79	180.
164	2011 JUN 08 06:37:37	334.6	0.31	-4.31	180.
165	2011 JUN 08 18:41:52	337.7	0.31	-3.81	180.
166	2011 JUN 09 06:46:09	340.8	0.31	-3.30	180.
167	2011 JUN 09 18:50:24	344.0	0.31	-2.77	180.
168	2011 JUN 10 06:54:39	347.1	0.31	-2.23	180.
169	2011 JUN 10 18:58:54	350.3	0.31	-1.69	180.
170	2011 JUN 11 07:03:07	353.5	0.31	-1.14	180.
171	2011 JUN 11 19:07:22	356.7	0.31	-0.58	180.
172	2011 JUN 12 07:11:37	359.9	0.31	-0.02	180.
173	2011 JUN 12 19:15:50	3.1	0.31	0.54	180.
174	2011 JUN 13 07:20:05	6.3	0.31	1.10	180.
175	2011 JUN 13 19:24:18	9.5	0.31	1.65	179.
176	2011 JUN 14 07:28:33	12.7	0.31	2.20	179.
177	2011 JUN 14 19:32:47	15.8	0.31	2.74	179.
178	2011 JUN 15 07:37:02	19.0	0.31	3.26	179.
179	2011 JUN 15 19:41:19	22.1	0.31	3.78	179.
180	2011 JUN 16 07:29:22	25.1	0.31	4.26	179.
181	2011 JUN 16 19:17:25	28.1	0.31	4.74	179.
182	2011 JUN 17 07:05:29	31.1	0.32	5.19	179.
183	2011 JUN 17 18:53:34	34.1	0.32	5.63	179.
184	2011 JUN 18 06:41:38	37.0	0.32	6.05	179.
185	2011 JUN 18 18:29:43	39.9	0.32	6.45	180.
186	2011 JUN 19 06:17:47	42.8	0.32	6.82	180.
187	2011 JUN 19 18:05:54	45.6	0.32	7.18	180.
188	2011 JUN 20 05:54:00	48.4	0.33	7.51	180.
189	2011 JUN 20 17:42:06	51.2	0.33	7.83	180.
190	2011 JUN 21 05:30:13	53.9	0.33	8.12	181.
191	2011 JUN 21 17:18:19	56.6	0.33	8.39	181.
192	2011 JUN 22 05:06:27	59.2	0.34	8.63	181.
193	2011 JUN 22 16:54:33	61.8	0.34	8.86	182.
194	2011 JUN 23 04:42:42	64.4	0.34	9.06	182.
195	2011 JUN 23 16:30:50	66.9	0.34	9.25	183.
196	2011 JUN 24 04:18:58	69.4	0.35	9.41	183.
197	2011 JUN 24 16:07:04	71.9	0.35	9.55	184.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
198	2011 JUN 25 03:55:12	74.3	0.35	9.68	184.
199	2011 JUN 25 15:43:20	76.7	0.35	9.78	185.
200	2011 JUN 26 03:31:28	79.0	0.36	9.87	186.
201	2011 JUN 26 15:19:36	81.3	0.36	9.94	187.
202	2011 JUN 27 03:07:44	83.6	0.36	9.99	187.
203	2011 JUN 27 14:55:51	85.8	0.37	10.03	188.
204	2011 JUN 28 02:43:59	88.0	0.37	10.05	189.
205	2011 JUN 28 14:32:07	90.2	0.37	10.06	190.
206	2011 JUN 29 02:20:15	92.3	0.37	10.05	191.
207	2011 JUN 29 14:08:21	94.4	0.38	10.03	192.
208	2011 JUN 30 01:56:29	96.5	0.38	10.00	192.
209	2011 JUN 30 13:44:36	98.5	0.38	9.95	193.
210	2011 JUL 01 01:32:42	100.5	0.39	9.89	194.
211	2011 JUL 01 13:20:50	102.5	0.39	9.82	196.
212	2011 JUL 02 01:08:57	104.4	0.39	9.75	197.
213	2011 JUL 02 12:57:03	106.3	0.39	9.66	198.
214	2011 JUL 03 00:45:09	108.2	0.40	9.56	199.
215	2011 JUL 03 12:33:16	110.1	0.40	9.45	200.
216	2011 JUL 04 00:21:22	111.9	0.40	9.34	201.
217	2011 JUL 04 12:09:28	113.8	0.40	9.21	202.
218	2011 JUL 04 23:57:35	115.6	0.41	9.08	204.
219	2011 JUL 05 11:45:41	117.3	0.41	8.94	205.
220	2011 JUL 05 23:33:45	119.1	0.41	8.80	206.
221	2011 JUL 06 11:21:52	120.8	0.41	8.65	207.
222	2011 JUL 06 23:09:56	122.5	0.42	8.49	209.
223	2011 JUL 07 10:58:01	124.2	0.42	8.33	210.
224	2011 JUL 07 22:46:07	125.9	0.42	8.16	211.
225	2011 JUL 08 10:34:12	127.5	0.42	7.99	213.
226	2011 JUL 08 22:22:16	129.2	0.43	7.81	214.
227	2011 JUL 09 10:10:21	130.8	0.43	7.63	216.
228	2011 JUL 09 21:58:26	132.4	0.43	7.44	217.
229	2011 JUL 10 09:46:30	134.0	0.43	7.25	218.
230	2011 JUL 10 21:34:35	135.5	0.43	7.06	220.
231	2011 JUL 11 09:22:39	137.1	0.44	6.86	221.
232	2011 JUL 11 21:10:42	138.6	0.44	6.66	223.
233	2011 JUL 12 08:58:47	140.1	0.44	6.45	224.
234	2011 JUL 12 20:46:49	141.7	0.44	6.25	226.
235	2011 JUL 13 08:34:54	143.2	0.44	6.04	227.
236	2011 JUL 13 20:22:57	144.7	0.45	5.83	229.
237	2011 JUL 14 08:11:01	146.1	0.45	5.61	230.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
238	2011 JUL 14 19:59:04	147.6	0.45	5.40	232.
239	2011 JUL 15 07:47:07	149.1	0.45	5.18	233.
240	2011 JUL 15 19:35:12	150.5	0.45	4.96	235.
241	2011 JUL 16 07:23:14	152.0	0.45	4.74	237.
242	2011 JUL 16 19:11:17	153.4	0.45	4.51	238.
243	2011 JUL 17 06:59:22	154.8	0.46	4.29	240.
244	2011 JUL 17 18:47:25	156.2	0.46	4.06	241.
245	2011 JUL 18 06:35:27	157.6	0.46	3.83	243.
246	2011 JUL 18 18:23:30	159.0	0.46	3.60	245.
247	2011 JUL 19 06:11:33	160.4	0.46	3.37	246.
248	2011 JUL 19 17:59:36	161.8	0.46	3.14	248.
249	2011 JUL 20 05:47:39	163.2	0.46	2.91	249.
250	2011 JUL 20 17:35:41	164.6	0.46	2.68	251.
251	2011 JUL 21 05:23:44	166.0	0.46	2.44	253.
252	2011 JUL 21 17:11:47	167.3	0.46	2.21	254.
253	2011 JUL 22 04:59:50	168.7	0.46	1.97	256.
254	2011 JUL 22 16:47:51	170.1	0.46	1.74	258.
255	2011 JUL 23 04:35:54	171.4	0.47	1.50	259.
256	2011 JUL 23 16:23:57	172.8	0.47	1.26	261.
257	2011 JUL 24 04:11:59	174.1	0.47	1.03	263.
258	2011 JUL 24 16:00:00	175.5	0.47	0.79	264.
259	2011 JUL 25 03:48:03	176.9	0.47	0.55	266.
260	2011 JUL 25 15:36:06	178.2	0.47	0.32	268.
261	2011 JUL 26 03:24:07	179.6	0.47	0.08	269.
262	2011 JUL 26 15:12:10	180.9	0.47	-0.16	271.
263	2011 JUL 27 03:06:11	182.3	0.47	-0.40	273.
264	2011 JUL 27 15:06:13	183.7	0.47	-0.64	274.
265	2011 JUL 28 03:06:15	185.0	0.47	-0.88	276.
266	2011 JUL 28 15:06:17	186.4	0.47	-1.12	278.
267	2011 JUL 29 03:06:18	187.8	0.47	-1.37	279.
268	2011 JUL 29 15:06:20	189.2	0.47	-1.61	281.
269	2011 JUL 30 03:06:22	190.6	0.46	-1.85	283.
270	2011 JUL 30 15:06:24	191.9	0.46	-2.09	284.
271	2011 JUL 31 03:06:25	193.3	0.46	-2.32	286.
272	2011 JUL 31 15:06:27	194.7	0.46	-2.56	288.
273	2011 AUG 01 03:06:31	196.1	0.46	-2.80	289.
274	2011 AUG 01 15:06:32	197.5	0.46	-3.04	291.
275	2011 AUG 02 03:06:34	199.0	0.46	-3.27	293.
276	2011 AUG 02 15:06:36	200.4	0.46	-3.51	294.
277	2011 AUG 03 03:06:39	201.8	0.46	-3.74	296.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
278	2011 AUG 03 15:06:41	203.2	0.46	-3.97	298.
279	2011 AUG 04 03:06:43	204.7	0.46	-4.20	299.
280	2011 AUG 04 15:06:46	206.1	0.45	-4.43	301.
281	2011 AUG 05 03:06:48	207.6	0.45	-4.66	302.
282	2011 AUG 05 15:06:50	209.0	0.45	-4.89	304.
283	2011 AUG 06 03:06:52	210.5	0.45	-5.11	306.
284	2011 AUG 06 15:06:55	212.0	0.45	-5.34	307.
285	2011 AUG 07 03:06:57	213.5	0.45	-5.56	309.
286	2011 AUG 07 15:07:01	215.0	0.45	-5.77	310.
287	2011 AUG 08 03:07:02	216.5	0.44	-5.99	312.
288	2011 AUG 08 15:07:06	218.0	0.44	-6.20	314.
289	2011 AUG 09 03:07:08	219.6	0.44	-6.41	315.
290	2011 AUG 09 15:07:09	221.1	0.44	-6.62	317.
291	2011 AUG 10 03:07:13	222.7	0.44	-6.83	318.
292	2011 AUG 10 15:07:16	224.3	0.43	-7.03	320.
293	2011 AUG 11 03:07:18	225.9	0.43	-7.22	321.
294	2011 AUG 11 15:07:22	227.5	0.43	-7.42	322.
295	2011 AUG 12 03:07:23	229.1	0.43	-7.61	324.
296	2011 AUG 12 15:07:27	230.7	0.43	-7.79	325.
297	2011 AUG 13 03:07:30	232.4	0.42	-7.98	327.
298	2011 AUG 13 15:07:32	234.1	0.42	-8.15	328.
299	2011 AUG 14 03:07:36	235.8	0.42	-8.32	330.
300	2011 AUG 14 15:07:39	237.5	0.42	-8.49	331.
301	2011 AUG 15 03:07:43	239.2	0.41	-8.65	332.
302	2011 AUG 15 15:07:44	241.0	0.41	-8.80	334.
303	2011 AUG 16 03:07:48	242.8	0.41	-8.95	335.
304	2011 AUG 16 15:07:52	244.6	0.41	-9.09	336.
305	2011 AUG 17 03:07:55	246.4	0.40	-9.22	337.
306	2011 AUG 17 15:07:59	248.2	0.40	-9.35	339.
307	2011 AUG 18 03:08:02	250.1	0.40	-9.46	340.
308	2011 AUG 18 15:08:06	252.0	0.40	-9.57	341.
309	2011 AUG 19 03:08:09	253.9	0.39	-9.67	342.
310	2011 AUG 19 15:08:13	255.9	0.39	-9.76	343.
311	2011 AUG 20 03:08:16	257.9	0.39	-9.84	344.
312	2011 AUG 20 15:08:20	259.9	0.38	-9.91	345.
313	2011 AUG 21 03:08:23	262.0	0.38	-9.96	346.
314	2011 AUG 21 15:08:27	264.0	0.38	-10.01	347.
315	2011 AUG 22 03:08:32	266.1	0.38	-10.04	348.
316	2011 AUG 22 15:08:35	268.3	0.37	-10.05	349.
317	2011 AUG 23 03:08:39	270.4	0.37	-10.06	350.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
318	2011 AUG 23 15:08:44	272.7	0.37	-10.05	351.
319	2011 AUG 24 03:08:48	274.9	0.36	-10.02	352.
320	2011 AUG 24 15:08:53	277.2	0.36	-9.98	353.
321	2011 AUG 25 03:08:58	279.5	0.36	-9.92	353.
322	2011 AUG 25 15:09:04	281.9	0.36	-9.84	354.
323	2011 AUG 26 03:09:09	284.2	0.35	-9.75	355.
324	2011 AUG 26 15:09:14	286.7	0.35	-9.63	355.
325	2011 AUG 27 03:09:19	289.2	0.35	-9.50	356.
326	2011 AUG 27 15:09:25	291.7	0.34	-9.34	357.
327	2011 AUG 28 03:09:30	294.2	0.34	-9.17	357.
328	2011 AUG 28 15:09:35	296.8	0.34	-8.97	358.
329	2011 AUG 29 03:09:41	299.4	0.34	-8.76	358.
330	2011 AUG 29 15:09:46	302.1	0.33	-8.52	358.
331	2011 AUG 30 03:09:49	304.8	0.33	-8.25	359.
332	2011 AUG 30 15:09:55	307.6	0.33	-7.97	359.
333	2011 AUG 31 03:09:58	310.3	0.33	-7.66	359.
334	2011 AUG 31 15:10:03	313.2	0.32	-7.33	360.
335	2011 SEP 01 03:10:07	316.0	0.32	-6.98	360.
336	2011 SEP 01 15:10:10	318.9	0.32	-6.60	360.
337	2011 SEP 02 03:10:14	321.9	0.32	-6.20	0.
338	2011 SEP 02 15:10:16	324.8	0.32	-5.79	0.
339	2011 SEP 03 03:10:17	327.8	0.32	-5.35	0.
340	2011 SEP 03 15:10:21	330.9	0.31	-4.89	0.
341	2011 SEP 04 03:10:21	333.9	0.31	-4.42	0.
342	2011 SEP 04 15:10:23	337.0	0.31	-3.93	0.
343	2011 SEP 05 03:10:24	340.1	0.31	-3.42	0.
344	2011 SEP 05 15:10:24	343.2	0.31	-2.90	0.
345	2011 SEP 06 03:10:26	346.4	0.31	-2.37	0.
346	2011 SEP 06 15:10:26	349.5	0.31	-1.83	0.
347	2011 SEP 07 03:10:26	352.7	0.31	-1.28	0.
348	2011 SEP 07 15:10:24	355.8	0.31	-0.73	360.
349	2011 SEP 08 02:56:07	359.0	0.31	-0.18	360.
350	2011 SEP 08 14:41:47	2.1	0.31	0.36	360.
351	2011 SEP 09 02:27:29	5.2	0.31	0.91	360.
352	2011 SEP 09 14:13:10	8.3	0.31	1.45	360.
353	2011 SEP 10 01:58:52	11.4	0.31	1.98	359.
354	2011 SEP 10 13:44:34	14.5	0.31	2.51	359.
355	2011 SEP 11 01:30:16	17.6	0.31	3.03	359.
356	2011 SEP 11 13:15:58	20.6	0.31	3.54	359.
357	2011 SEP 12 01:01:41	23.7	0.31	4.03	359.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
358	2011 SEP 12 12:47:23	26.7	0.31	4.51	359.
359	2011 SEP 13 00:33:07	29.7	0.31	4.97	359.
360	2011 SEP 13 12:18:49	32.6	0.32	5.42	359.
361	2011 SEP 14 00:04:33	35.6	0.32	5.84	359.
362	2011 SEP 14 11:50:17	38.5	0.32	6.25	359.
363	2011 SEP 14 23:36:01	41.3	0.32	6.64	360.
364	2011 SEP 15 11:21:46	44.2	0.32	7.00	360.
365	2011 SEP 15 23:07:30	47.0	0.33	7.35	0.
366	2011 SEP 16 10:53:16	49.8	0.33	7.67	0.
367	2011 SEP 16 22:39:02	52.5	0.33	7.97	1.
368	2011 SEP 17 10:24:48	55.2	0.33	8.25	1.
369	2011 SEP 17 22:10:33	57.8	0.33	8.51	1.
370	2011 SEP 18 09:56:19	60.5	0.34	8.74	2.
371	2011 SEP 18 21:42:06	63.0	0.34	8.96	2.
372	2011 SEP 19 09:27:52	65.6	0.34	9.15	3.
373	2011 SEP 19 21:13:38	68.1	0.34	9.32	3.
374	2011 SEP 20 08:59:25	70.6	0.35	9.48	4.
375	2011 SEP 20 20:45:13	73.0	0.35	9.61	4.
376	2011 SEP 21 08:30:58	75.4	0.35	9.73	5.
377	2011 SEP 21 20:16:46	77.7	0.36	9.82	5.
378	2011 SEP 22 08:02:32	80.0	0.36	9.90	6.
379	2011 SEP 22 19:48:19	82.3	0.36	9.97	7.
380	2011 SEP 23 07:34:05	84.6	0.36	10.01	8.
381	2011 SEP 23 19:19:52	86.8	0.37	10.04	8.
382	2011 SEP 24 07:05:38	88.9	0.37	10.06	9.
383	2011 SEP 24 18:51:25	91.1	0.37	10.06	10.
384	2011 SEP 25 06:37:11	93.2	0.37	10.04	11.
385	2011 SEP 25 18:22:57	95.3	0.38	10.02	12.
386	2011 SEP 26 06:08:44	97.3	0.38	9.98	13.
387	2011 SEP 26 17:54:30	99.3	0.38	9.93	14.
388	2011 SEP 27 05:40:16	101.3	0.39	9.87	15.
389	2011 SEP 27 17:26:01	103.3	0.39	9.79	16.
390	2011 SEP 28 05:11:47	105.2	0.39	9.71	17.
391	2011 SEP 28 16:57:33	107.1	0.39	9.62	18.
392	2011 SEP 29 04:43:18	109.0	0.40	9.52	19.
393	2011 SEP 29 16:29:04	110.8	0.40	9.41	20.
394	2011 SEP 30 04:14:48	112.7	0.40	9.29	22.
395	2011 SEP 30 16:00:34	114.5	0.41	9.16	23.
396	2011 OCT 01 03:46:20	116.2	0.41	9.03	24.
397	2011 OCT 01 15:32:03	118.0	0.41	8.89	25.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
398	2011 OCT 02 03:17:47	119.7	0.41	8.74	27.
399	2011 OCT 02 15:03:33	121.5	0.42	8.59	28.
400	2011 OCT 03 02:49:17	123.1	0.42	8.43	29.
401	2011 OCT 03 14:35:01	124.8	0.42	8.27	31.
402	2011 OCT 04 02:20:47	126.5	0.42	8.10	32.
403	2011 OCT 04 14:06:31	128.1	0.42	7.92	33.
404	2011 OCT 05 01:52:15	129.7	0.43	7.74	35.
405	2011 OCT 05 13:37:59	131.3	0.43	7.56	36.
406	2011 OCT 06 01:23:41	132.9	0.43	7.37	37.
407	2011 OCT 06 13:09:25	134.5	0.43	7.18	39.
408	2011 OCT 07 00:55:09	136.1	0.44	6.99	40.
409	2011 OCT 07 12:40:53	137.6	0.44	6.79	42.
410	2011 OCT 08 00:26:35	139.1	0.44	6.59	43.
411	2011 OCT 08 12:12:19	140.7	0.44	6.39	45.
412	2011 OCT 08 23:58:01	142.2	0.44	6.18	46.
413	2011 OCT 09 11:43:45	143.7	0.44	5.97	48.
414	2011 OCT 09 23:29:27	145.1	0.45	5.76	49.
415	2011 OCT 10 11:15:11	146.6	0.45	5.54	51.
416	2011 OCT 10 23:00:53	148.1	0.45	5.33	52.
417	2011 OCT 11 10:46:35	149.5	0.45	5.11	54.
418	2011 OCT 11 22:32:19	151.0	0.45	4.89	55.
419	2011 OCT 12 10:18:01	152.4	0.45	4.67	57.
420	2011 OCT 12 22:03:44	153.8	0.45	4.45	59.
421	2011 OCT 13 09:49:26	155.2	0.46	4.22	60.
422	2011 OCT 13 21:35:08	156.6	0.46	3.99	62.
423	2011 OCT 14 09:20:50	158.0	0.46	3.77	63.
424	2011 OCT 14 21:06:32	159.4	0.46	3.54	65.
425	2011 OCT 15 08:52:15	160.8	0.46	3.31	67.
426	2011 OCT 15 20:37:57	162.2	0.46	3.08	68.
427	2011 OCT 16 08:23:39	163.6	0.46	2.85	70.
428	2011 OCT 16 20:09:21	165.0	0.46	2.61	72.
429	2011 OCT 17 07:55:03	166.3	0.46	2.38	73.
430	2011 OCT 17 19:40:44	167.7	0.46	2.15	75.
431	2011 OCT 18 07:26:26	169.1	0.46	1.91	76.
432	2011 OCT 18 19:12:08	170.4	0.47	1.68	78.
433	2011 OCT 19 06:57:49	171.8	0.47	1.44	80.
434	2011 OCT 19 18:43:31	173.1	0.47	1.20	81.
435	2011 OCT 20 06:29:13	174.5	0.47	0.97	83.
436	2011 OCT 20 18:14:53	175.8	0.47	0.73	85.
437	2011 OCT 21 06:00:34	177.2	0.47	0.49	86.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
438	2011 OCT 21 17:46:16	178.5	0.47	0.26	88.
439	2011 OCT 22 05:31:56	179.9	0.47	0.02	90.
440	2011 OCT 22 17:17:39	181.2	0.47	-0.22	91.
441	2011 OCT 23 05:03:19	182.6	0.47	-0.45	93.
442	2011 OCT 23 16:49:01	183.9	0.47	-0.69	95.
443	2011 OCT 24 04:34:42	185.3	0.47	-0.93	96.
444	2011 OCT 24 16:20:22	186.6	0.47	-1.16	98.
445	2011 OCT 25 04:13:11	188.0	0.47	-1.40	100.
446	2011 OCT 25 16:13:10	189.4	0.47	-1.64	101.
447	2011 OCT 26 04:13:06	190.8	0.46	-1.88	103.
448	2011 OCT 26 16:13:04	192.2	0.46	-2.12	105.
449	2011 OCT 27 04:13:01	193.6	0.46	-2.36	106.
450	2011 OCT 27 16:12:57	195.0	0.46	-2.60	108.
451	2011 OCT 28 04:12:56	196.4	0.46	-2.84	110.
452	2011 OCT 28 16:12:52	197.8	0.46	-3.07	111.
453	2011 OCT 29 04:12:50	199.2	0.46	-3.31	113.
454	2011 OCT 29 16:12:49	200.6	0.46	-3.54	115.
455	2011 OCT 30 04:12:45	202.0	0.46	-3.78	116.
456	2011 OCT 30 16:12:43	203.4	0.46	-4.01	118.
457	2011 OCT 31 04:12:40	204.9	0.46	-4.24	120.
458	2011 OCT 31 16:12:38	206.3	0.45	-4.47	121.
459	2011 NOV 01 04:12:36	207.8	0.45	-4.70	123.
460	2011 NOV 01 16:12:35	209.3	0.45	-4.92	124.
461	2011 NOV 02 04:12:33	210.7	0.45	-5.15	126.
462	2011 NOV 02 16:12:29	212.2	0.45	-5.37	128.
463	2011 NOV 03 04:12:28	213.7	0.45	-5.59	129.
464	2011 NOV 03 16:12:26	215.2	0.45	-5.81	131.
465	2011 NOV 04 04:12:24	216.7	0.44	-6.02	132.
466	2011 NOV 04 16:12:22	218.3	0.44	-6.23	134.
467	2011 NOV 05 04:12:20	219.8	0.44	-6.45	135.
468	2011 NOV 05 16:12:19	221.3	0.44	-6.65	137.
469	2011 NOV 06 04:12:19	222.9	0.44	-6.86	138.
470	2011 NOV 06 16:12:17	224.5	0.43	-7.06	140.
471	2011 NOV 07 04:12:15	226.1	0.43	-7.25	141.
472	2011 NOV 07 16:12:13	227.7	0.43	-7.45	143.
473	2011 NOV 08 04:12:13	229.3	0.43	-7.64	144.
474	2011 NOV 08 16:12:12	231.0	0.43	-7.82	146.
475	2011 NOV 09 04:12:10	232.6	0.42	-8.00	147.
476	2011 NOV 09 16:12:10	234.3	0.42	-8.18	148.
477	2011 NOV 10 04:12:08	236.0	0.42	-8.35	150.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
478	2011 NOV 10 16:12:08	237.7	0.42	-8.51	151.
479	2011 NOV 11 04:12:08	239.5	0.41	-8.67	152.
480	2011 NOV 11 16:12:06	241.2	0.41	-8.82	154.
481	2011 NOV 12 04:12:06	243.0	0.41	-8.97	155.
482	2011 NOV 12 16:12:06	244.8	0.41	-9.11	156.
483	2011 NOV 13 04:12:05	246.7	0.40	-9.24	158.
484	2011 NOV 13 16:12:05	248.5	0.40	-9.37	159.
485	2011 NOV 14 04:12:05	250.4	0.40	-9.48	160.
486	2011 NOV 14 16:12:05	252.3	0.40	-9.59	161.
487	2011 NOV 15 04:12:03	254.2	0.39	-9.68	162.
488	2011 NOV 15 16:12:03	256.2	0.39	-9.77	163.
489	2011 NOV 16 04:12:03	258.2	0.39	-9.85	164.
490	2011 NOV 16 16:12:03	260.2	0.38	-9.91	165.
491	2011 NOV 17 04:12:03	262.3	0.38	-9.97	166.
492	2011 NOV 17 16:12:03	264.3	0.38	-10.01	167.
493	2011 NOV 18 04:12:03	266.4	0.38	-10.04	168.
494	2011 NOV 18 16:12:03	268.6	0.37	-10.06	169.
495	2011 NOV 19 04:12:03	270.8	0.37	-10.06	170.
496	2011 NOV 19 16:12:03	273.0	0.37	-10.05	171.
497	2011 NOV 20 04:12:05	275.2	0.36	-10.02	172.
498	2011 NOV 20 16:12:05	277.5	0.36	-9.97	173.
499	2011 NOV 21 04:12:05	279.8	0.36	-9.91	173.
500	2011 NOV 21 16:12:06	282.2	0.36	-9.83	174.
501	2011 NOV 22 04:12:06	284.6	0.35	-9.73	175.
502	2011 NOV 22 16:12:08	287.0	0.35	-9.61	175.
503	2011 NOV 23 04:12:08	289.5	0.35	-9.48	176.
504	2011 NOV 23 16:12:10	292.0	0.34	-9.32	177.
505	2011 NOV 24 04:12:10	294.6	0.34	-9.14	177.
506	2011 NOV 24 16:12:12	297.2	0.34	-8.94	178.
507	2011 NOV 25 04:12:12	299.8	0.34	-8.72	178.
508	2011 NOV 25 16:12:12	302.5	0.33	-8.48	178.
509	2011 NOV 26 04:12:13	305.2	0.33	-8.21	179.
510	2011 NOV 26 16:12:13	308.0	0.33	-7.92	179.
511	2011 NOV 27 04:12:13	310.7	0.33	-7.61	179.
512	2011 NOV 27 16:12:12	313.6	0.32	-7.28	180.
513	2011 NOV 28 04:12:12	316.4	0.32	-6.92	180.
514	2011 NOV 28 16:12:10	319.3	0.32	-6.55	180.
515	2011 NOV 29 04:12:10	322.3	0.32	-6.15	180.
516	2011 NOV 29 16:12:08	325.3	0.32	-5.73	180.
517	2011 NOV 30 04:12:05	328.3	0.32	-5.28	180.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
518	2011 NOV 30 16:12:03	331.3	0.31	-4.83	180.
519	2011 DEC 01 04:12:01	334.4	0.31	-4.35	180.
520	2011 DEC 01 16:11:58	337.4	0.31	-3.85	180.
521	2011 DEC 02 04:11:54	340.5	0.31	-3.35	180.
522	2011 DEC 02 16:11:51	343.7	0.31	-2.82	180.
523	2011 DEC 03 04:11:49	346.8	0.31	-2.29	180.
524	2011 DEC 03 16:11:45	350.0	0.31	-1.75	180.
525	2011 DEC 04 04:11:42	353.1	0.31	-1.20	180.
526	2011 DEC 04 16:11:38	356.3	0.31	-0.65	180.
527	2011 DEC 05 04:11:35	359.5	0.31	-0.09	180.
528	2011 DEC 05 16:11:29	2.7	0.31	0.47	180.
529	2011 DEC 06 03:58:40	5.8	0.31	1.01	180.
530	2011 DEC 06 15:45:50	8.9	0.31	1.55	180.
531	2011 DEC 07 03:33:00	12.0	0.31	2.09	179.
532	2011 DEC 07 15:20:10	15.1	0.31	2.61	179.
533	2011 DEC 08 03:07:20	18.2	0.31	3.13	179.
534	2011 DEC 08 14:54:30	21.2	0.31	3.64	179.
535	2011 DEC 09 02:41:40	24.3	0.31	4.13	179.
536	2011 DEC 09 14:28:52	27.3	0.31	4.60	179.
537	2011 DEC 10 02:16:04	30.3	0.31	5.06	179.
538	2011 DEC 10 14:03:14	33.2	0.32	5.51	179.
539	2011 DEC 11 01:50:26	36.2	0.32	5.93	179.
540	2011 DEC 11 13:37:39	39.1	0.32	6.33	180.
541	2011 DEC 12 01:24:51	42.0	0.32	6.72	180.
542	2011 DEC 12 13:12:03	44.8	0.32	7.08	180.
543	2011 DEC 13 00:59:16	47.6	0.33	7.42	180.
544	2011 DEC 13 12:46:30	50.4	0.33	7.74	180.
545	2011 DEC 14 00:33:42	53.1	0.33	8.03	181.
546	2011 DEC 14 12:20:56	55.8	0.33	8.31	181.
547	2011 DEC 15 00:08:09	58.4	0.33	8.56	181.
548	2011 DEC 15 11:55:23	61.1	0.34	8.79	182.
549	2011 DEC 15 23:42:36	63.6	0.34	9.00	182.
550	2011 DEC 16 11:29:50	66.2	0.34	9.19	183.
551	2011 DEC 16 23:17:05	68.7	0.34	9.36	183.
552	2011 DEC 17 11:04:19	71.1	0.35	9.51	184.
553	2011 DEC 17 22:51:32	73.6	0.35	9.64	184.
554	2011 DEC 18 10:38:46	75.9	0.35	9.75	185.
555	2011 DEC 18 22:26:00	78.3	0.36	9.85	186.
556	2011 DEC 19 10:13:13	80.6	0.36	9.92	186.
557	2011 DEC 19 22:00:27	82.9	0.36	9.98	187.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
558	2011 DEC 20 09:47:40	85.1	0.36	10.02	188.
559	2011 DEC 20 21:34:54	87.3	0.37	10.05	189.
560	2011 DEC 21 09:22:08	89.5	0.37	10.06	189.
561	2011 DEC 21 21:09:21	91.6	0.37	10.06	190.
562	2011 DEC 22 08:56:35	93.7	0.38	10.04	191.
563	2011 DEC 22 20:43:48	95.8	0.38	10.01	192.
564	2011 DEC 23 08:31:02	97.9	0.38	9.97	193.
565	2011 DEC 23 20:18:16	99.9	0.38	9.91	194.
566	2011 DEC 24 08:05:27	101.8	0.39	9.85	195.
567	2011 DEC 24 19:52:41	103.8	0.39	9.77	196.
568	2011 DEC 25 07:39:55	105.7	0.39	9.69	197.
569	2011 DEC 25 19:27:06	107.6	0.40	9.59	198.
570	2011 DEC 26 07:14:20	109.5	0.40	9.49	200.
571	2011 DEC 26 19:01:32	111.3	0.40	9.38	201.
572	2011 DEC 27 06:48:44	113.2	0.40	9.25	202.
573	2011 DEC 27 18:35:57	115.0	0.41	9.13	203.
574	2011 DEC 28 06:23:09	116.7	0.41	8.99	204.
575	2011 DEC 28 18:10:21	118.5	0.41	8.85	206.
576	2011 DEC 29 05:57:35	120.2	0.41	8.70	207.
577	2011 DEC 29 17:44:46	121.9	0.42	8.54	208.
578	2011 DEC 30 05:31:58	123.6	0.42	8.38	210.
579	2011 DEC 30 17:19:10	125.3	0.42	8.22	211.
580	2011 DEC 31 05:06:22	127.0	0.42	8.05	212.
581	2011 DEC 31 16:53:34	128.6	0.43	7.87	214.
582	2012 JAN 01 04:40:46	130.2	0.43	7.69	215.
583	2012 JAN 01 16:27:57	131.8	0.43	7.51	216.
584	2012 JAN 02 04:15:09	133.4	0.43	7.32	218.
585	2012 JAN 02 16:02:21	135.0	0.43	7.12	219.
586	2012 JAN 03 03:49:33	136.5	0.44	6.93	221.
587	2012 JAN 03 15:36:43	138.1	0.44	6.73	222.
588	2012 JAN 04 03:23:55	139.6	0.44	6.53	224.
589	2012 JAN 04 15:11:07	141.1	0.44	6.32	225.
590	2012 JAN 05 02:58:18	142.6	0.44	6.11	227.
591	2012 JAN 05 14:45:29	144.1	0.44	5.90	228.
592	2012 JAN 06 02:32:40	145.6	0.45	5.69	230.
593	2012 JAN 06 14:19:50	147.1	0.45	5.48	231.
594	2012 JAN 07 02:07:02	148.5	0.45	5.26	233.
595	2012 JAN 07 13:54:14	150.0	0.45	5.04	234.
596	2012 JAN 08 01:41:24	151.4	0.45	4.82	236.
597	2012 JAN 08 13:28:36	152.9	0.45	4.59	238.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
598	2012 JAN 09 01:15:46	154.3	0.46	4.37	239.
599	2012 JAN 09 13:02:58	155.7	0.46	4.14	241.
600	2012 JAN 10 00:50:08	157.1	0.46	3.92	242.
601	2012 JAN 10 12:37:20	158.5	0.46	3.69	244.
602	2012 JAN 11 00:24:30	159.9	0.46	3.46	246.
603	2012 JAN 11 12:11:40	161.3	0.46	3.23	247.
604	2012 JAN 11 23:58:52	162.7	0.46	3.00	249.
605	2012 JAN 12 11:46:02	164.1	0.46	2.76	250.
606	2012 JAN 12 23:33:14	165.5	0.46	2.53	252.
607	2012 JAN 13 11:20:24	166.8	0.46	2.30	254.
608	2012 JAN 13 23:07:34	168.2	0.46	2.06	255.
609	2012 JAN 14 10:54:44	169.6	0.46	1.83	257.
610	2012 JAN 14 22:41:56	170.9	0.47	1.59	259.
611	2012 JAN 15 10:29:06	172.3	0.47	1.35	260.
612	2012 JAN 15 22:16:16	173.6	0.47	1.12	262.
613	2012 JAN 16 10:03:26	175.0	0.47	0.88	264.
614	2012 JAN 16 21:50:38	176.3	0.47	0.64	265.
615	2012 JAN 17 09:37:48	177.7	0.47	0.41	267.
616	2012 JAN 17 21:24:58	179.0	0.47	0.17	269.
617	2012 JAN 18 09:12:08	180.4	0.47	-0.07	270.
618	2012 JAN 18 20:59:18	181.7	0.47	-0.31	272.
619	2012 JAN 19 08:46:30	183.1	0.47	-0.54	274.
620	2012 JAN 19 20:33:40	184.4	0.47	-0.78	275.
621	2012 JAN 20 08:20:50	185.8	0.47	-1.02	277.
622	2012 JAN 20 20:08:00	187.2	0.47	-1.25	279.
623	2012 JAN 21 07:55:12	188.5	0.47	-1.49	280.
624	2012 JAN 21 19:42:22	189.9	0.46	-1.73	282.
625	2012 JAN 22 07:29:32	191.2	0.46	-1.96	284.
626	2012 JAN 22 19:16:44	192.6	0.46	-2.20	285.
627	2012 JAN 23 07:03:54	194.0	0.46	-2.43	287.
628	2012 JAN 23 18:51:04	195.3	0.46	-2.67	288.
629	2012 JAN 24 06:38:16	196.7	0.46	-2.90	290.
630	2012 JAN 24 18:25:26	198.1	0.46	-3.13	292.
631	2012 JAN 25 06:12:38	199.5	0.46	-3.36	293.
632	2012 JAN 25 17:59:48	200.9	0.46	-3.59	295.
633	2012 JAN 26 05:47:00	202.3	0.46	-3.82	297.
634	2012 JAN 26 17:34:10	203.7	0.46	-4.05	298.
635	2012 JAN 27 05:21:20	205.1	0.46	-4.28	300.
636	2012 JAN 27 17:08:32	206.5	0.45	-4.50	301.
637	2012 JAN 28 04:55:42	208.0	0.45	-4.72	303.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
638	2012 JAN 28 16:42:54	209.4	0.45	-4.95	305.
639	2012 JAN 29 04:30:04	210.9	0.45	-5.17	306.
640	2012 JAN 29 16:17:14	212.3	0.45	-5.38	308.
641	2012 JAN 30 04:04:26	213.8	0.45	-5.60	309.
642	2012 JAN 30 15:51:36	215.3	0.45	-5.81	311.
643	2012 JAN 31 03:38:48	216.7	0.44	-6.03	312.
644	2012 JAN 31 15:25:58	218.2	0.44	-6.23	314.
645	2012 FEB 01 03:13:10	219.8	0.44	-6.44	315.
646	2012 FEB 01 15:00:20	221.3	0.44	-6.64	317.
647	2012 FEB 02 02:47:32	222.8	0.44	-6.84	318.
648	2012 FEB 02 14:34:42	224.4	0.43	-7.04	320.
649	2012 FEB 03 02:21:54	225.9	0.43	-7.24	321.
650	2012 FEB 03 14:09:05	227.5	0.43	-7.43	323.
651	2012 FEB 04 01:56:15	229.1	0.43	-7.61	324.
652	2012 FEB 04 13:43:27	230.7	0.43	-7.80	325.
653	2012 FEB 05 01:30:39	232.4	0.42	-7.97	327.
654	2012 FEB 05 13:17:49	234.0	0.42	-8.15	328.
655	2012 FEB 06 01:05:01	235.7	0.42	-8.31	329.
656	2012 FEB 06 12:52:13	237.4	0.42	-8.48	331.
657	2012 FEB 07 00:39:25	239.1	0.41	-8.64	332.
658	2012 FEB 07 12:26:37	240.8	0.41	-8.79	333.
659	2012 FEB 08 00:13:47	242.5	0.41	-8.93	335.
660	2012 FEB 08 12:00:58	244.3	0.41	-9.07	336.
661	2012 FEB 08 23:48:10	246.1	0.40	-9.20	337.
662	2012 FEB 09 11:35:22	247.9	0.40	-9.33	338.
663	2012 FEB 09 23:22:34	249.8	0.40	-9.44	340.
664	2012 FEB 10 11:09:46	251.6	0.40	-9.55	341.
665	2012 FEB 10 22:56:58	253.5	0.39	-9.65	342.
666	2012 FEB 11 10:44:09	255.4	0.39	-9.74	343.
667	2012 FEB 11 22:31:21	257.4	0.39	-9.82	344.
668	2012 FEB 12 10:18:33	259.3	0.39	-9.89	345.
669	2012 FEB 12 22:05:45	261.3	0.38	-9.95	346.
670	2012 FEB 13 09:52:57	263.4	0.38	-9.99	347.
671	2012 FEB 13 21:40:09	265.4	0.38	-10.03	348.
672	2012 FEB 14 09:27:20	267.5	0.37	-10.05	349.
673	2012 FEB 14 21:14:32	269.6	0.37	-10.06	350.
674	2012 FEB 15 09:01:46	271.8	0.37	-10.05	351.
675	2012 FEB 15 20:48:58	274.0	0.37	-10.03	351.
676	2012 FEB 16 08:36:11	276.2	0.36	-10.00	352.
677	2012 FEB 16 20:23:23	278.5	0.36	-9.95	353.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
678	2012 FEB 17 08:10:37	280.8	0.36	-9.88	354.
679	2012 FEB 17 19:57:49	283.1	0.35	-9.79	354.
680	2012 FEB 18 07:45:02	285.5	0.35	-9.69	355.
681	2012 FEB 18 19:32:16	287.9	0.35	-9.57	356.
682	2012 FEB 19 07:19:28	290.3	0.35	-9.43	356.
683	2012 FEB 19 19:06:41	292.8	0.34	-9.27	357.
684	2012 FEB 20 06:53:55	295.3	0.34	-9.09	357.
685	2012 FEB 20 18:41:08	297.9	0.34	-8.89	358.
686	2012 FEB 21 06:28:20	300.5	0.34	-8.66	358.
687	2012 FEB 21 18:15:34	303.1	0.33	-8.42	359.
688	2012 FEB 22 06:02:47	305.8	0.33	-8.15	359.
689	2012 FEB 22 17:49:59	308.5	0.33	-7.87	359.
690	2012 FEB 23 05:37:13	311.3	0.33	-7.56	359.
691	2012 FEB 23 17:24:25	314.0	0.32	-7.22	360.
692	2012 FEB 24 05:11:37	316.9	0.32	-6.87	360.
693	2012 FEB 24 16:58:48	319.7	0.32	-6.50	0.
694	2012 FEB 25 04:46:00	322.6	0.32	-6.10	0.
695	2012 FEB 25 16:33:12	325.5	0.32	-5.69	0.
696	2012 FEB 26 04:20:24	328.5	0.32	-5.25	0.
697	2012 FEB 26 16:07:36	331.5	0.31	-4.80	0.
698	2012 FEB 27 03:54:46	334.5	0.31	-4.33	0.
699	2012 FEB 27 15:41:58	337.5	0.31	-3.84	0.
700	2012 FEB 28 03:29:08	340.5	0.31	-3.35	0.
701	2012 FEB 28 15:16:18	343.6	0.31	-2.83	0.
702	2012 FEB 29 03:03:30	346.7	0.31	-2.31	0.
703	2012 FEB 29 14:50:40	349.8	0.31	-1.78	0.
704	2012 MAR 01 02:37:50	352.9	0.31	-1.24	0.
705	2012 MAR 01 14:25:00	356.0	0.31	-0.70	360.
706	2012 MAR 02 02:12:12	359.1	0.31	-0.15	360.
707	2012 MAR 02 13:59:22	2.3	0.31	0.40	360.
708	2012 MAR 03 01:46:32	5.4	0.31	0.94	360.
709	2012 MAR 03 13:22:50	8.5	0.31	1.48	360.
710	2012 MAR 04 00:59:09	11.5	0.31	2.00	359.
711	2012 MAR 04 12:35:29	14.6	0.31	2.53	359.
712	2012 MAR 05 00:11:49	17.6	0.31	3.04	359.
713	2012 MAR 05 11:48:09	20.6	0.31	3.54	359.
714	2012 MAR 05 23:24:30	23.6	0.31	4.02	359.
715	2012 MAR 06 11:00:50	26.6	0.31	4.49	359.
716	2012 MAR 06 22:37:09	29.5	0.31	4.95	359.
717	2012 MAR 07 10:13:31	32.5	0.32	5.39	359.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
718	2012 MAR 07 21:49:52	35.4	0.32	5.81	359.
719	2012 MAR 08 09:26:12	38.2	0.32	6.22	359.
720	2012 MAR 08 21:02:33	41.1	0.32	6.60	360.
721	2012 MAR 09 08:38:55	43.9	0.32	6.96	360.
722	2012 MAR 09 20:15:16	46.7	0.32	7.31	360.
723	2012 MAR 10 07:51:38	49.4	0.33	7.63	0.
724	2012 MAR 10 19:27:59	52.1	0.33	7.93	0.
725	2012 MAR 11 07:04:22	54.8	0.33	8.21	1.
726	2012 MAR 11 18:40:44	57.4	0.33	8.46	1.
727	2012 MAR 12 06:17:05	60.0	0.34	8.70	2.
728	2012 MAR 12 17:53:27	62.5	0.34	8.92	2.
729	2012 MAR 13 05:29:50	65.0	0.34	9.11	2.
730	2012 MAR 13 17:06:11	67.5	0.34	9.29	3.
731	2012 MAR 14 04:42:33	70.0	0.35	9.44	3.
732	2012 MAR 14 16:18:56	72.4	0.35	9.58	4.
733	2012 MAR 15 03:55:17	74.7	0.35	9.70	5.
734	2012 MAR 15 15:31:39	77.1	0.35	9.80	5.
735	2012 MAR 16 03:08:00	79.4	0.36	9.88	6.
736	2012 MAR 16 14:44:22	81.6	0.36	9.95	7.
737	2012 MAR 17 02:20:43	83.8	0.36	10.00	7.
738	2012 MAR 17 13:57:05	86.0	0.37	10.03	8.
739	2012 MAR 18 01:33:26	88.2	0.37	10.05	9.
740	2012 MAR 18 13:09:48	90.3	0.37	10.06	10.
741	2012 MAR 19 00:46:09	92.4	0.37	10.05	11.
742	2012 MAR 19 12:22:30	94.5	0.38	10.03	12.
743	2012 MAR 19 23:58:50	96.5	0.38	10.00	13.
744	2012 MAR 20 11:35:12	98.5	0.38	9.95	13.
745	2012 MAR 20 23:11:31	100.5	0.38	9.89	14.
746	2012 MAR 21 10:47:53	102.4	0.39	9.83	15.
747	2012 MAR 21 22:24:12	104.3	0.39	9.75	17.
748	2012 MAR 22 10:00:34	106.2	0.39	9.66	18.
749	2012 MAR 22 21:36:54	108.1	0.40	9.57	19.
750	2012 MAR 23 09:13:13	109.9	0.40	9.46	20.
751	2012 MAR 23 20:49:33	111.7	0.40	9.35	21.
752	2012 MAR 24 08:25:53	113.5	0.40	9.23	22.
753	2012 MAR 24 20:02:12	115.3	0.41	9.10	23.
754	2012 MAR 25 07:38:32	117.0	0.41	8.97	25.
755	2012 MAR 25 19:14:52	118.8	0.41	8.83	26.
756	2012 MAR 26 06:51:10	120.5	0.41	8.68	27.
757	2012 MAR 26 18:27:29	122.2	0.42	8.53	28.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
758	2012 MAR 27 06:03:49	123.8	0.42	8.37	30.
759	2012 MAR 27 17:40:07	125.5	0.42	8.20	31.
760	2012 MAR 28 05:16:27	127.1	0.42	8.03	32.
761	2012 MAR 28 16:52:44	128.7	0.43	7.86	34.
762	2012 MAR 29 04:29:04	130.3	0.43	7.68	35.
763	2012 MAR 29 16:05:22	131.9	0.43	7.50	36.
764	2012 MAR 30 03:41:40	133.4	0.43	7.31	38.
765	2012 MAR 30 15:17:58	135.0	0.43	7.12	39.
766	2012 MAR 31 02:54:16	136.5	0.44	6.93	41.
767	2012 MAR 31 14:30:34	138.0	0.44	6.74	42.
768	2012 APR 01 02:06:54	139.5	0.44	6.54	44.
769	2012 APR 01 13:43:11	141.0	0.44	6.33	45.
770	2012 APR 02 01:19:29	142.5	0.44	6.13	47.
771	2012 APR 02 12:55:47	144.0	0.44	5.92	48.
772	2012 APR 03 00:32:05	145.5	0.45	5.71	50.
773	2012 APR 03 12:08:21	146.9	0.45	5.50	51.
774	2012 APR 03 23:44:39	148.3	0.45	5.29	53.
775	2012 APR 04 11:20:57	149.8	0.45	5.07	54.
776	2012 APR 04 22:57:15	151.2	0.45	4.86	56.
777	2012 APR 05 10:33:33	152.6	0.45	4.64	57.
778	2012 APR 05 22:09:49	154.0	0.45	4.42	59.
779	2012 APR 06 09:46:07	155.4	0.46	4.19	60.
780	2012 APR 06 21:22:25	156.8	0.46	3.97	62.
781	2012 APR 07 08:58:41	158.2	0.46	3.75	64.
782	2012 APR 07 20:34:59	159.6	0.46	3.52	65.
783	2012 APR 08 08:11:15	160.9	0.46	3.29	67.
784	2012 APR 08 19:47:33	162.3	0.46	3.07	68.
785	2012 APR 09 07:23:50	163.7	0.46	2.84	70.
786	2012 APR 09 19:00:07	165.0	0.46	2.61	72.
787	2012 APR 10 06:36:24	166.4	0.46	2.38	73.
788	2012 APR 10 18:12:42	167.7	0.46	2.15	75.
789	2012 APR 11 05:48:58	169.0	0.46	1.91	76.
790	2012 APR 11 17:25:14	170.4	0.47	1.68	78.
791	2012 APR 12 05:01:32	171.7	0.47	1.45	80.
792	2012 APR 12 16:37:48	173.1	0.47	1.22	81.
793	2012 APR 13 04:14:04	174.4	0.47	0.98	83.
794	2012 APR 13 15:50:20	175.7	0.47	0.75	85.
795	2012 APR 14 03:26:37	177.1	0.47	0.52	86.
796	2012 APR 14 15:02:54	178.4	0.47	0.28	88.
797	2012 APR 15 02:39:11	179.7	0.47	0.05	89.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
798	2012 APR 15 14:15:27	181.1	0.47	-0.19	91.
799	2012 APR 16 01:51:43	182.4	0.47	-0.42	93.
800	2012 APR 16 13:27:59	183.7	0.47	-0.65	94.
801	2012 APR 16 23:48:33	184.9	0.47	-0.86	96.
802	2012 APR 17 08:53:18	185.9	0.47	-1.04	97.
803	2012 APR 17 17:58:03	187.0	0.47	-1.23	98.
804	2012 APR 18 03:02:47	188.0	0.47	-1.41	100.
805	2012 APR 18 12:07:32	189.1	0.47	-1.59	101.
806	2012 APR 18 21:12:17	190.1	0.46	-1.77	102.
807	2012 APR 19 06:17:02	191.2	0.46	-1.95	103.
808	2012 APR 19 15:21:46	192.2	0.46	-2.13	105.
809	2012 APR 20 00:26:31	193.3	0.46	-2.32	106.
810	2012 APR 20 09:31:16	194.3	0.46	-2.50	107.
811	2012 APR 20 18:36:01	195.4	0.46	-2.68	109.
812	2012 APR 21 03:08:27	196.4	0.46	-2.84	110.
813	2012 APR 21 11:08:28	197.3	0.46	-3.00	111.
814	2012 APR 21 19:08:30	198.3	0.46	-3.16	112.
815	2012 APR 22 03:08:32	199.2	0.46	-3.32	113.
816	2012 APR 22 11:08:34	200.2	0.46	-3.47	114.
817	2012 APR 22 19:08:35	201.1	0.46	-3.63	115.
818	2012 APR 23 03:08:37	202.1	0.46	-3.78	116.
819	2012 APR 23 11:08:39	203.0	0.46	-3.94	117.
820	2012 APR 23 19:08:42	204.0	0.46	-4.09	118.
821	2012 APR 24 03:08:44	204.9	0.46	-4.25	120.
822	2012 APR 24 11:08:46	205.9	0.45	-4.40	121.
823	2012 APR 24 19:08:48	206.9	0.45	-4.55	122.
824	2012 APR 25 03:08:50	207.8	0.45	-4.70	123.
825	2012 APR 25 11:08:53	208.8	0.45	-4.85	124.
826	2012 APR 25 19:08:55	209.8	0.45	-5.01	125.
827	2012 APR 26 03:08:57	210.8	0.45	-5.15	126.
828	2012 APR 26 11:08:58	211.8	0.45	-5.30	127.
829	2012 APR 26 19:09:02	212.8	0.45	-5.45	128.
830	2012 APR 27 03:09:04	213.8	0.45	-5.60	129.
831	2012 APR 27 11:09:05	214.8	0.45	-5.74	130.
832	2012 APR 27 19:09:07	215.8	0.44	-5.89	131.
833	2012 APR 28 03:09:11	216.8	0.44	-6.03	132.
834	2012 APR 28 11:09:12	217.8	0.44	-6.17	133.
835	2012 APR 28 19:09:14	218.8	0.44	-6.31	134.
836	2012 APR 29 03:09:18	219.8	0.44	-6.45	135.
837	2012 APR 29 11:09:19	220.9	0.44	-6.59	136.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
838	2012 APR 29 19:09:23	221.9	0.44	-6.73	137.
839	2012 APR 30 03:09:25	223.0	0.44	-6.86	138.
840	2012 APR 30 11:09:26	224.0	0.43	-7.00	139.
841	2012 APR 30 19:09:30	225.1	0.43	-7.13	140.
842	2012 MAY 01 03:09:32	226.1	0.43	-7.26	141.
843	2012 MAY 01 11:09:35	227.2	0.43	-7.39	142.
844	2012 MAY 01 19:09:37	228.3	0.43	-7.52	143.
845	2012 MAY 02 03:09:41	229.4	0.43	-7.64	144.
846	2012 MAY 02 11:09:42	230.5	0.43	-7.77	145.
847	2012 MAY 02 19:09:44	231.6	0.42	-7.89	146.
848	2012 MAY 03 03:09:48	232.7	0.42	-8.01	147.
849	2012 MAY 03 11:09:49	233.8	0.42	-8.13	148.
850	2012 MAY 03 19:09:53	234.9	0.42	-8.24	149.
851	2012 MAY 04 03:09:55	236.1	0.42	-8.35	150.
852	2012 MAY 04 11:09:58	237.2	0.42	-8.46	151.
853	2012 MAY 04 19:10:00	238.4	0.42	-8.57	152.
854	2012 MAY 05 03:10:03	239.5	0.41	-8.68	152.
855	2012 MAY 05 11:10:07	240.7	0.41	-8.78	153.
856	2012 MAY 05 19:10:09	241.9	0.41	-8.88	154.
857	2012 MAY 06 03:10:12	243.1	0.41	-8.98	155.
858	2012 MAY 06 11:10:14	244.3	0.41	-9.07	156.
859	2012 MAY 06 19:10:17	245.5	0.41	-9.16	157.
860	2012 MAY 07 03:10:19	246.7	0.40	-9.25	158.
861	2012 MAY 07 11:10:23	248.0	0.40	-9.33	158.
862	2012 MAY 07 19:10:26	249.2	0.40	-9.41	159.
863	2012 MAY 08 03:10:28	250.5	0.40	-9.49	160.
864	2012 MAY 08 11:10:31	251.7	0.40	-9.56	161.
865	2012 MAY 08 19:10:33	253.0	0.39	-9.62	161.
866	2012 MAY 09 03:10:37	254.3	0.39	-9.69	162.
867	2012 MAY 09 11:10:40	255.6	0.39	-9.75	163.
868	2012 MAY 09 19:10:42	256.9	0.39	-9.80	164.
869	2012 MAY 10 03:10:46	258.3	0.39	-9.85	164.
870	2012 MAY 10 11:10:49	259.6	0.38	-9.90	165.
871	2012 MAY 10 19:10:53	261.0	0.38	-9.94	166.
872	2012 MAY 11 03:10:54	262.3	0.38	-9.97	166.
873	2012 MAY 11 11:10:58	263.7	0.38	-10.00	167.
874	2012 MAY 11 19:11:01	265.1	0.38	-10.02	168.
875	2012 MAY 12 03:11:05	266.5	0.38	-10.04	168.
876	2012 MAY 12 11:11:08	268.0	0.37	-10.05	169.
877	2012 MAY 12 19:11:12	269.4	0.37	-10.06	170.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
878	2012 MAY 13 03:11:15	270.9	0.37	-10.06	170.
879	2012 MAY 13 11:11:21	272.3	0.37	-10.05	171.
880	2012 MAY 13 19:11:24	273.8	0.37	-10.04	171.
881	2012 MAY 14 03:11:28	275.3	0.36	-10.02	172.
882	2012 MAY 14 11:11:31	276.8	0.36	-9.99	172.
883	2012 MAY 14 19:11:37	278.4	0.36	-9.95	173.
884	2012 MAY 15 03:11:40	279.9	0.36	-9.91	173.
885	2012 MAY 15 11:11:45	281.5	0.36	-9.86	174.
886	2012 MAY 15 19:11:49	283.1	0.35	-9.80	174.
887	2012 MAY 16 03:11:54	284.7	0.35	-9.73	175.
888	2012 MAY 16 11:11:58	286.3	0.35	-9.65	175.
889	2012 MAY 16 19:12:03	288.0	0.35	-9.57	176.
890	2012 MAY 17 03:12:08	289.6	0.35	-9.47	176.
891	2012 MAY 17 11:12:13	291.3	0.34	-9.37	176.
892	2012 MAY 17 19:12:19	293.0	0.34	-9.26	177.
893	2012 MAY 18 03:12:22	294.7	0.34	-9.14	177.
894	2012 MAY 18 11:12:27	296.4	0.34	-9.00	177.
895	2012 MAY 18 19:12:33	298.2	0.34	-8.86	178.
896	2012 MAY 19 03:12:38	299.9	0.34	-8.71	178.
897	2012 MAY 19 11:12:45	301.7	0.33	-8.55	178.
898	2012 MAY 19 19:12:50	303.5	0.33	-8.38	179.
899	2012 MAY 20 03:12:56	305.3	0.33	-8.20	179.
900	2012 MAY 20 11:13:01	307.1	0.33	-8.01	179.
901	2012 MAY 20 19:13:06	309.0	0.33	-7.81	179.
902	2012 MAY 21 03:13:11	310.9	0.33	-7.60	179.
903	2012 MAY 21 11:13:18	312.7	0.33	-7.38	180.
904	2012 MAY 21 19:13:24	314.6	0.32	-7.15	180.
905	2012 MAY 22 03:13:29	316.6	0.32	-6.91	180.
906	2012 MAY 22 11:13:34	318.5	0.32	-6.66	180.
907	2012 MAY 22 19:13:41	320.4	0.32	-6.40	180.
908	2012 MAY 23 03:13:47	322.4	0.32	-6.13	180.
909	2012 MAY 23 11:13:52	324.4	0.32	-5.85	180.
910	2012 MAY 23 19:13:57	326.4	0.32	-5.56	180.
911	2012 MAY 24 03:14:02	328.4	0.32	-5.27	180.
912	2012 MAY 24 11:14:09	330.4	0.31	-4.96	180.
913	2012 MAY 24 19:14:15	332.4	0.31	-4.65	180.
914	2012 MAY 25 03:14:20	334.5	0.31	-4.33	180.
915	2012 MAY 25 11:14:27	336.5	0.31	-4.00	180.
916	2012 MAY 25 19:14:32	338.6	0.31	-3.66	180.
917	2012 MAY 26 03:14:38	340.7	0.31	-3.32	180.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
918	2012 MAY 26 11:14:43	342.8	0.31	-2.98	180.
919	2012 MAY 26 19:14:50	344.9	0.31	-2.62	180.
920	2012 MAY 27 03:14:55	346.9	0.31	-2.27	180.
921	2012 MAY 27 11:15:00	349.1	0.31	-1.91	180.
922	2012 MAY 27 19:15:07	351.2	0.31	-1.54	180.
923	2012 MAY 28 03:15:13	353.3	0.31	-1.18	180.
924	2012 MAY 28 11:15:20	355.4	0.31	-0.81	180.
925	2012 MAY 28 19:15:25	357.5	0.31	-0.44	180.
926	2012 MAY 29 03:15:32	359.6	0.31	-0.07	180.
927	2012 MAY 29 11:15:37	1.7	0.31	0.31	180.
928	2012 MAY 29 19:15:44	3.9	0.31	0.68	180.
929	2012 MAY 30 03:15:50	6.0	0.31	1.05	180.
930	2012 MAY 30 11:15:57	8.1	0.31	1.41	180.
931	2012 MAY 30 19:16:02	10.2	0.31	1.78	179.
932	2012 MAY 31 03:16:09	12.3	0.31	2.14	179.
933	2012 MAY 31 11:16:16	14.4	0.31	2.50	179.
934	2012 MAY 31 19:16:21	16.5	0.31	2.85	179.
935	2012 JUN 01 03:16:28	18.6	0.31	3.20	179.
936	2012 JUN 01 11:16:35	20.7	0.31	3.55	179.
937	2012 JUN 01 19:16:41	22.7	0.31	3.88	179.
938	2012 JUN 02 03:16:48	24.8	0.31	4.21	179.
939	2012 JUN 02 11:16:55	26.8	0.31	4.54	179.
940	2012 JUN 02 19:17:00	28.9	0.31	4.85	179.
941	2012 JUN 03 03:17:07	30.9	0.32	5.16	179.
942	2012 JUN 03 11:17:14	32.9	0.32	5.46	179.
943	2012 JUN 03 19:17:19	34.9	0.32	5.75	179.
944	2012 JUN 04 03:17:26	36.9	0.32	6.03	179.
945	2012 JUN 04 11:17:33	38.9	0.32	6.30	180.
946	2012 JUN 04 19:17:40	40.8	0.32	6.57	180.
947	2012 JUN 05 03:17:46	42.8	0.32	6.82	180.
948	2012 JUN 05 11:17:53	44.7	0.32	7.07	180.
949	2012 JUN 05 19:18:00	46.6	0.32	7.30	180.
950	2012 JUN 06 03:18:07	48.5	0.33	7.52	180.
951	2012 JUN 06 11:18:12	50.4	0.33	7.74	180.
952	2012 JUN 06 19:18:19	52.2	0.33	7.94	181.
953	2012 JUN 07 03:18:26	54.1	0.33	8.14	181.
954	2012 JUN 07 11:18:33	55.9	0.33	8.32	181.
955	2012 JUN 07 19:18:38	57.7	0.33	8.49	181.
956	2012 JUN 08 03:18:45	59.5	0.34	8.66	181.
957	2012 JUN 08 11:18:52	61.3	0.34	8.81	182.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
958	2012 JUN 08 19:18:58	63.0	0.34	8.96	182.
959	2012 JUN 09 03:19:05	64.7	0.34	9.09	182.
960	2012 JUN 09 11:19:12	66.5	0.34	9.21	183.
961	2012 JUN 09 19:19:17	68.2	0.34	9.33	183.
962	2012 JUN 10 03:19:24	69.8	0.35	9.44	183.
963	2012 JUN 10 11:19:29	71.5	0.35	9.53	184.
964	2012 JUN 10 19:19:36	73.1	0.35	9.62	184.
965	2012 JUN 11 03:19:42	74.8	0.35	9.70	185.
966	2012 JUN 11 11:19:47	76.4	0.35	9.77	185.
967	2012 JUN 11 19:19:54	78.0	0.36	9.83	185.
968	2012 JUN 12 03:19:59	79.6	0.36	9.89	186.
969	2012 JUN 12 11:20:05	81.1	0.36	9.94	186.
970	2012 JUN 12 19:20:10	82.7	0.36	9.97	187.
971	2012 JUN 13 03:20:15	84.2	0.36	10.01	187.
972	2012 JUN 13 11:20:22	85.7	0.36	10.03	188.
973	2012 JUN 13 19:20:27	87.2	0.37	10.05	189.
974	2012 JUN 14 03:20:33	88.7	0.37	10.06	189.
975	2012 JUN 14 11:20:36	90.1	0.37	10.06	190.
976	2012 JUN 14 19:20:41	91.6	0.37	10.06	190.
977	2012 JUN 15 03:20:47	93.0	0.37	10.05	191.
978	2012 JUN 15 11:20:52	94.4	0.38	10.03	192.
979	2012 JUN 15 19:20:57	95.8	0.38	10.01	192.
980	2012 JUN 16 03:21:03	97.2	0.38	9.98	193.
981	2012 JUN 16 11:21:06	98.6	0.38	9.95	194.
982	2012 JUN 16 19:21:11	100.0	0.38	9.91	194.
983	2012 JUN 17 03:21:15	101.3	0.39	9.87	195.
984	2012 JUN 17 11:21:20	102.6	0.39	9.82	196.
985	2012 JUN 17 19:21:24	104.0	0.39	9.77	196.
986	2012 JUN 18 03:21:29	105.3	0.39	9.71	197.
987	2012 JUN 18 11:21:32	106.6	0.39	9.65	198.
988	2012 JUN 18 19:21:38	107.8	0.40	9.58	199.
989	2012 JUN 19 03:21:41	109.1	0.40	9.51	199.
990	2012 JUN 19 11:21:45	110.4	0.40	9.44	200.
991	2012 JUN 19 19:21:50	111.6	0.40	9.36	201.
992	2012 JUN 20 03:21:54	112.9	0.40	9.28	202.
993	2012 JUN 20 11:21:57	114.1	0.40	9.19	203.
994	2012 JUN 20 19:22:01	115.3	0.41	9.10	203.
995	2012 JUN 21 03:22:04	116.5	0.41	9.01	204.
996	2012 JUN 21 11:22:08	117.7	0.41	8.91	205.
997	2012 JUN 21 19:22:11	118.9	0.41	8.82	206.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
998	2012 JUN 22 03:22:15	120.1	0.41	8.71	207.
999	2012 JUN 22 11:22:18	121.2	0.41	8.61	208.
1000	2012 JUN 22 19:22:22	122.4	0.42	8.50	209.
1001	2012 JUN 23 03:22:25	123.5	0.42	8.39	209.
1002	2012 JUN 23 11:22:29	124.7	0.42	8.28	210.
1003	2012 JUN 23 19:22:32	125.8	0.42	8.17	211.
1004	2012 JUN 24 03:22:34	126.9	0.42	8.05	212.
1005	2012 JUN 24 11:22:37	128.0	0.42	7.93	213.
1006	2012 JUN 24 19:22:41	129.1	0.43	7.81	214.
1007	2012 JUN 25 03:22:44	130.2	0.43	7.69	215.
1008	2012 JUN 25 11:22:46	131.3	0.43	7.56	216.
1009	2012 JUN 25 19:22:50	132.4	0.43	7.44	217.
1010	2012 JUN 26 03:22:52	133.5	0.43	7.31	218.
1011	2012 JUN 26 11:22:55	134.6	0.43	7.18	219.
1012	2012 JUN 26 19:22:57	135.6	0.43	7.04	220.
1013	2012 JUN 27 03:23:00	136.7	0.44	6.91	221.
1014	2012 JUN 27 11:23:04	137.7	0.44	6.78	222.
1015	2012 JUN 27 19:23:06	138.8	0.44	6.64	223.
1016	2012 JUN 28 03:23:09	139.8	0.44	6.50	224.
1017	2012 JUN 28 11:23:11	140.8	0.44	6.36	225.
1018	2012 JUN 28 19:23:14	141.9	0.44	6.22	226.
1019	2012 JUN 29 03:23:16	142.9	0.44	6.08	227.
1020	2012 JUN 29 11:23:18	143.9	0.44	5.94	228.
1021	2012 JUN 29 19:23:21	144.9	0.45	5.79	229.
1022	2012 JUN 30 03:23:23	145.9	0.45	5.65	230.
1023	2012 JUN 30 11:23:27	146.9	0.45	5.50	231.
1024	2012 JUN 30 19:23:28	147.9	0.45	5.35	232.
1025	2012 JUL 01 03:23:29	148.9	0.45	5.21	233.
1026	2012 JUL 01 11:23:33	149.9	0.45	5.06	234.
1027	2012 JUL 01 19:23:34	150.8	0.45	4.91	235.
1028	2012 JUL 02 03:23:36	151.8	0.45	4.76	236.
1029	2012 JUL 02 11:23:38	152.8	0.45	4.61	237.
1030	2012 JUL 02 19:23:40	153.8	0.45	4.45	239.
1031	2012 JUL 03 03:23:43	154.7	0.46	4.30	240.
1032	2012 JUL 03 11:23:45	155.7	0.46	4.15	241.
1033	2012 JUL 03 19:23:47	156.6	0.46	3.99	242.
1034	2012 JUL 04 03:23:49	157.6	0.46	3.84	243.
1035	2012 JUL 04 11:23:50	158.6	0.46	3.68	244.
1036	2012 JUL 04 19:23:52	159.5	0.46	3.53	245.
1037	2012 JUL 05 03:23:54	160.4	0.46	3.37	246.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1038	2012 JUL 05 11:23:57	161.4	0.46	3.22	247.
1039	2012 JUL 05 19:23:59	162.3	0.46	3.06	248.
1040	2012 JUL 06 03:24:01	163.3	0.46	2.90	249.
1041	2012 JUL 06 11:24:03	164.2	0.46	2.74	251.
1042	2012 JUL 06 19:24:04	165.1	0.46	2.58	252.
1043	2012 JUL 07 03:24:06	166.1	0.46	2.43	253.
1044	2012 JUL 07 11:24:06	167.0	0.46	2.27	254.
1045	2012 JUL 07 19:24:08	167.9	0.46	2.11	255.
1046	2012 JUL 08 03:24:10	168.9	0.46	1.95	256.
1047	2012 JUL 08 11:24:11	169.8	0.46	1.79	257.
1048	2012 JUL 08 19:24:13	170.7	0.47	1.63	258.
1049	2012 JUL 09 03:24:15	171.6	0.47	1.47	260.
1050	2012 JUL 09 11:24:17	172.5	0.47	1.31	261.
1051	2012 JUL 09 19:24:18	173.5	0.47	1.15	262.
1052	2012 JUL 10 03:24:20	174.4	0.47	0.99	263.
1053	2012 JUL 10 11:24:22	175.3	0.47	0.82	264.
1054	2012 JUL 10 19:24:24	176.2	0.47	0.66	265.
1055	2012 JUL 11 03:24:24	177.1	0.47	0.50	266.
1056	2012 JUL 11 11:24:25	178.1	0.47	0.34	267.
1057	2012 JUL 11 19:24:27	179.0	0.47	0.18	269.
1058	2012 JUL 12 03:24:29	179.9	0.47	0.02	270.
1059	2012 JUL 12 11:24:31	180.8	0.47	-0.14	271.
1060	2012 JUL 12 19:24:31	181.7	0.47	-0.30	272.
1061	2012 JUL 13 03:24:32	182.6	0.47	-0.47	273.
1062	2012 JUL 13 11:24:34	183.6	0.47	-0.63	274.
1063	2012 JUL 13 19:24:36	184.5	0.47	-0.79	275.
1064	2012 JUL 14 03:24:38	185.4	0.47	-0.95	276.
1065	2012 JUL 14 11:24:40	186.3	0.47	-1.11	278.
1066	2012 JUL 14 19:24:41	187.2	0.47	-1.27	279.
1067	2012 JUL 15 03:24:43	188.2	0.47	-1.43	280.
1068	2012 JUL 15 11:24:43	189.1	0.47	-1.59	281.
1069	2012 JUL 15 19:24:45	190.0	0.46	-1.75	282.
1070	2012 JUL 16 03:24:47	190.9	0.46	-1.91	283.
1071	2012 JUL 16 11:24:48	191.9	0.46	-2.07	284.
1072	2012 JUL 16 19:24:50	192.8	0.46	-2.23	285.
1073	2012 JUL 17 03:24:52	193.7	0.46	-2.39	287.
1074	2012 JUL 17 11:24:54	194.6	0.46	-2.55	288.
1075	2012 JUL 17 19:24:55	195.6	0.46	-2.71	289.
1076	2012 JUL 18 03:24:57	196.5	0.46	-2.86	290.
1077	2012 JUL 18 11:24:59	197.5	0.46	-3.02	291.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1078	2012 JUL 18 19:25:01	198.4	0.46	-3.18	292.
1079	2012 JUL 19 03:25:02	199.3	0.46	-3.34	293.
1080	2012 JUL 19 11:25:04	200.3	0.46	-3.49	294.
1081	2012 JUL 19 19:25:06	201.2	0.46	-3.65	295.
1082	2012 JUL 20 03:25:08	202.2	0.46	-3.80	296.
1083	2012 JUL 20 11:25:09	203.1	0.46	-3.96	298.
1084	2012 JUL 20 19:25:11	204.1	0.46	-4.11	299.
1085	2012 JUL 21 03:25:15	205.1	0.46	-4.27	300.
1086	2012 JUL 21 11:25:16	206.0	0.45	-4.42	301.
1087	2012 JUL 21 19:25:18	207.0	0.45	-4.57	302.
1088	2012 JUL 22 03:25:20	208.0	0.45	-4.72	303.
1089	2012 JUL 22 11:25:22	208.9	0.45	-4.87	304.
1090	2012 JUL 22 19:25:23	209.9	0.45	-5.02	305.
1091	2012 JUL 23 03:25:25	210.9	0.45	-5.17	306.
1092	2012 JUL 23 11:25:29	211.9	0.45	-5.32	307.
1093	2012 JUL 23 19:25:30	212.9	0.45	-5.47	308.
1094	2012 JUL 24 03:25:32	213.9	0.45	-5.62	309.
1095	2012 JUL 24 11:25:34	214.9	0.45	-5.76	310.
1096	2012 JUL 24 19:25:38	215.9	0.44	-5.90	311.
1097	2012 JUL 25 03:25:39	216.9	0.44	-6.05	312.
1098	2012 JUL 25 11:25:41	217.9	0.44	-6.19	313.
1099	2012 JUL 25 19:25:43	218.9	0.44	-6.33	314.
1100	2012 JUL 26 03:25:46	220.0	0.44	-6.47	315.
1101	2012 JUL 26 11:25:48	221.0	0.44	-6.61	316.
1102	2012 JUL 26 19:25:50	222.1	0.44	-6.75	317.
1103	2012 JUL 27 03:25:53	223.1	0.44	-6.88	318.
1104	2012 JUL 27 11:25:55	224.2	0.43	-7.01	319.
1105	2012 JUL 27 19:25:57	225.2	0.43	-7.15	320.
1106	2012 JUL 28 03:26:00	226.3	0.43	-7.28	321.
1107	2012 JUL 28 11:26:02	227.4	0.43	-7.41	322.
1108	2012 JUL 28 19:26:06	228.4	0.43	-7.53	323.
1109	2012 JUL 29 03:26:07	229.5	0.43	-7.66	324.
1110	2012 JUL 29 11:26:11	230.6	0.43	-7.78	325.
1111	2012 JUL 29 19:26:13	231.7	0.42	-7.90	326.
1112	2012 JUL 30 03:26:16	232.8	0.42	-8.02	327.
1113	2012 JUL 30 11:26:18	234.0	0.42	-8.14	328.
1114	2012 JUL 30 19:26:21	235.1	0.42	-8.26	329.
1115	2012 JUL 31 03:26:23	236.2	0.42	-8.37	330.
1116	2012 JUL 31 11:26:27	237.4	0.42	-8.48	331.
1117	2012 JUL 31 19:26:30	238.5	0.42	-8.59	332.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
1118	2012 AUG 01 03:26:32	239.7	0.41	-8.69	333.
1119	2012 AUG 01 11:26:36	240.9	0.41	-8.79	333.
1120	2012 AUG 01 19:26:37	242.1	0.41	-8.89	334.
1121	2012 AUG 02 03:26:41	243.2	0.41	-8.99	335.
1122	2012 AUG 02 11:26:44	244.4	0.41	-9.08	336.
1123	2012 AUG 02 19:26:46	245.7	0.40	-9.17	337.
1124	2012 AUG 03 03:26:50	246.9	0.40	-9.26	338.
1125	2012 AUG 03 11:26:53	248.1	0.40	-9.34	338.
1126	2012 AUG 03 19:26:55	249.4	0.40	-9.42	339.
1127	2012 AUG 04 03:26:58	250.6	0.40	-9.49	340.
1128	2012 AUG 04 11:27:02	251.9	0.40	-9.57	341.
1129	2012 AUG 04 19:27:04	253.2	0.39	-9.63	342.
1130	2012 AUG 05 03:27:07	254.5	0.39	-9.70	342.
1131	2012 AUG 05 11:27:11	255.8	0.39	-9.75	343.
1132	2012 AUG 05 19:27:14	257.1	0.39	-9.81	344.
1133	2012 AUG 06 03:27:18	258.4	0.39	-9.86	345.
1134	2012 AUG 06 11:27:21	259.8	0.38	-9.90	345.
1135	2012 AUG 06 19:27:25	261.1	0.38	-9.94	346.
1136	2012 AUG 07 03:27:28	262.5	0.38	-9.98	347.
1137	2012 AUG 07 11:27:32	263.9	0.38	-10.00	347.
1138	2012 AUG 07 19:27:35	265.3	0.38	-10.03	348.
1139	2012 AUG 08 03:27:39	266.7	0.38	-10.04	349.
1140	2012 AUG 08 11:27:42	268.1	0.37	-10.05	349.
1141	2012 AUG 08 19:27:46	269.6	0.37	-10.06	350.
1142	2012 AUG 09 03:27:49	271.0	0.37	-10.06	350.
1143	2012 AUG 09 11:27:55	272.5	0.37	-10.05	351.
1144	2012 AUG 09 19:27:58	274.0	0.37	-10.03	351.
1145	2012 AUG 10 03:28:02	275.5	0.36	-10.01	352.
1146	2012 AUG 10 11:28:07	277.0	0.36	-9.98	353.
1147	2012 AUG 10 19:28:10	278.6	0.36	-9.94	353.
1148	2012 AUG 11 03:28:16	280.1	0.36	-9.90	354.
1149	2012 AUG 11 11:28:21	281.7	0.36	-9.85	354.
1150	2012 AUG 11 19:28:25	283.3	0.35	-9.79	354.
1151	2012 AUG 12 03:28:30	284.9	0.35	-9.72	355.
1152	2012 AUG 12 11:28:35	286.5	0.35	-9.64	355.
1153	2012 AUG 12 19:28:40	288.2	0.35	-9.55	356.
1154	2012 AUG 13 03:28:44	289.8	0.35	-9.46	356.
1155	2012 AUG 13 11:28:49	291.5	0.34	-9.35	356.
1156	2012 AUG 13 19:28:54	293.2	0.34	-9.24	357.
1157	2012 AUG 14 03:29:00	294.9	0.34	-9.12	357.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
1158	2012 AUG 14 11:29:07	296.6	0.34	-8.99	357.
1159	2012 AUG 14 19:29:12	298.4	0.34	-8.84	358.
1160	2012 AUG 15 03:29:17	300.1	0.34	-8.69	358.
1161	2012 AUG 15 11:29:23	301.9	0.33	-8.53	358.
1162	2012 AUG 15 19:29:28	303.7	0.33	-8.36	359.
1163	2012 AUG 16 03:29:35	305.5	0.33	-8.18	359.
1164	2012 AUG 16 11:29:40	307.4	0.33	-7.99	359.
1165	2012 AUG 16 19:29:45	309.2	0.33	-7.78	359.
1166	2012 AUG 17 03:29:52	311.1	0.33	-7.57	359.
1167	2012 AUG 17 11:29:58	313.0	0.33	-7.35	360.
1168	2012 AUG 17 19:30:05	314.9	0.32	-7.12	360.
1169	2012 AUG 18 03:30:10	316.8	0.32	-6.88	360.
1170	2012 AUG 18 11:30:15	318.7	0.32	-6.63	360.
1171	2012 AUG 18 19:30:22	320.7	0.32	-6.36	0.
1172	2012 AUG 19 03:30:28	322.7	0.32	-6.09	0.
1173	2012 AUG 19 11:30:35	324.6	0.32	-5.81	0.
1174	2012 AUG 19 19:30:40	326.6	0.32	-5.52	0.
1175	2012 AUG 20 03:30:47	328.6	0.32	-5.23	0.
1176	2012 AUG 20 11:30:52	330.7	0.31	-4.92	0.
1177	2012 AUG 20 19:30:59	332.7	0.31	-4.61	0.
1178	2012 AUG 21 03:31:04	334.7	0.31	-4.29	0.
1179	2012 AUG 21 11:31:12	336.8	0.31	-3.96	0.
1180	2012 AUG 21 19:31:17	338.9	0.31	-3.62	0.
1181	2012 AUG 22 03:31:24	340.9	0.31	-3.28	0.
1182	2012 AUG 22 11:31:29	343.0	0.31	-2.93	0.
1183	2012 AUG 22 19:31:36	345.1	0.31	-2.58	0.
1184	2012 AUG 23 03:31:41	347.2	0.31	-2.22	0.
1185	2012 AUG 23 11:31:48	349.3	0.31	-1.86	0.
1186	2012 AUG 23 19:31:54	351.4	0.31	-1.50	0.
1187	2012 AUG 24 03:32:01	353.5	0.31	-1.13	360.
1188	2012 AUG 24 11:32:06	355.7	0.31	-0.76	360.
1189	2012 AUG 24 19:32:13	357.8	0.31	-0.39	360.
1190	2012 AUG 25 03:32:20	359.9	0.31	-0.02	360.
1191	2012 AUG 25 11:32:25	2.0	0.31	0.35	360.
1192	2012 AUG 25 19:32:32	4.1	0.31	0.72	360.
1193	2012 AUG 26 03:32:38	6.3	0.31	1.09	360.
1194	2012 AUG 26 11:32:45	8.4	0.31	1.46	360.
1195	2012 AUG 26 19:32:50	10.5	0.31	1.83	359.
1196	2012 AUG 27 03:32:57	12.6	0.31	2.19	359.
1197	2012 AUG 27 11:33:04	14.7	0.31	2.54	359.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1198	2012 AUG 27 19:33:09	16.8	0.31	2.90	359.
1199	2012 AUG 28 03:33:16	18.9	0.31	3.25	359.
1200	2012 AUG 28 11:33:23	20.9	0.31	3.59	359.
1201	2012 AUG 28 19:33:29	23.0	0.31	3.92	359.
1202	2012 AUG 29 03:33:36	25.1	0.31	4.25	359.
1203	2012 AUG 29 11:33:43	27.1	0.31	4.58	359.
1204	2012 AUG 29 19:33:50	29.1	0.31	4.89	359.
1205	2012 AUG 30 03:33:55	31.2	0.32	5.20	359.
1206	2012 AUG 30 11:34:02	33.2	0.32	5.50	359.
1207	2012 AUG 30 19:34:09	35.2	0.32	5.79	359.
1208	2012 AUG 31 03:34:14	37.2	0.32	6.07	359.
1209	2012 AUG 31 11:34:21	39.1	0.32	6.34	360.
1210	2012 AUG 31 19:34:28	41.1	0.32	6.60	360.
1211	2012 SEP 01 03:34:35	43.0	0.32	6.85	360.
1212	2012 SEP 01 11:34:41	44.9	0.32	7.10	360.
1213	2012 SEP 01 19:34:48	46.8	0.32	7.33	0.
1214	2012 SEP 02 03:34:55	48.7	0.33	7.55	0.
1215	2012 SEP 02 11:35:00	50.6	0.33	7.76	0.
1216	2012 SEP 02 19:35:07	52.5	0.33	7.97	1.
1217	2012 SEP 03 03:35:14	54.3	0.33	8.16	1.
1218	2012 SEP 03 11:35:21	56.1	0.33	8.34	1.
1219	2012 SEP 03 19:35:26	57.9	0.33	8.51	1.
1220	2012 SEP 04 03:35:33	59.7	0.34	8.68	1.
1221	2012 SEP 04 11:35:40	61.5	0.34	8.83	2.
1222	2012 SEP 04 19:35:46	63.2	0.34	8.97	2.
1223	2012 SEP 05 03:35:53	65.0	0.34	9.11	2.
1224	2012 SEP 05 11:36:00	66.7	0.34	9.23	3.
1225	2012 SEP 05 19:36:05	68.4	0.34	9.34	3.
1226	2012 SEP 06 03:36:12	70.0	0.35	9.45	3.
1227	2012 SEP 06 11:36:17	71.7	0.35	9.54	4.
1228	2012 SEP 06 19:36:24	73.3	0.35	9.63	4.
1229	2012 SEP 07 03:36:30	75.0	0.35	9.71	5.
1230	2012 SEP 07 11:36:37	76.6	0.35	9.78	5.
1231	2012 SEP 07 19:36:42	78.2	0.36	9.84	6.
1232	2012 SEP 08 03:36:47	79.7	0.36	9.89	6.
1233	2012 SEP 08 11:36:54	81.3	0.36	9.94	7.
1234	2012 SEP 08 19:37:00	82.8	0.36	9.98	7.
1235	2012 SEP 09 03:37:05	84.4	0.36	10.01	8.
1236	2012 SEP 09 11:37:10	85.9	0.37	10.03	8.
1237	2012 SEP 09 19:37:15	87.4	0.37	10.05	9.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1238	2012 SEP 10 03:37:21	88.9	0.37	10.06	9.
1239	2012 SEP 10 11:37:26	90.3	0.37	10.06	10.
1240	2012 SEP 10 19:37:31	91.8	0.37	10.05	10.
1241	2012 SEP 11 03:37:36	93.2	0.37	10.04	11.
1242	2012 SEP 11 11:37:42	94.6	0.38	10.03	12.
1243	2012 SEP 11 19:37:47	96.0	0.38	10.01	12.
1244	2012 SEP 12 03:37:52	97.4	0.38	9.98	13.
1245	2012 SEP 12 11:37:56	98.8	0.38	9.94	14.
1246	2012 SEP 12 19:38:01	100.1	0.38	9.91	14.
1247	2012 SEP 13 03:38:06	101.5	0.39	9.86	15.
1248	2012 SEP 13 11:38:10	102.8	0.39	9.81	16.
1249	2012 SEP 13 19:38:15	104.1	0.39	9.76	16.
1250	2012 SEP 14 03:38:19	105.4	0.39	9.70	17.
1251	2012 SEP 14 11:38:24	106.7	0.39	9.64	18.
1252	2012 SEP 14 19:38:27	108.0	0.40	9.57	19.
1253	2012 SEP 15 03:38:33	109.3	0.40	9.50	19.
1254	2012 SEP 15 11:38:36	110.5	0.40	9.43	20.
1255	2012 SEP 15 19:38:40	111.8	0.40	9.35	21.
1256	2012 SEP 16 03:38:45	113.0	0.40	9.26	22.
1257	2012 SEP 16 11:38:49	114.2	0.40	9.18	23.
1258	2012 SEP 16 19:38:52	115.5	0.41	9.09	24.
1259	2012 SEP 17 03:38:56	116.7	0.41	9.00	24.
1260	2012 SEP 17 11:38:59	117.9	0.41	8.90	25.
1261	2012 SEP 17 19:39:03	119.0	0.41	8.80	26.
1262	2012 SEP 18 03:39:08	120.2	0.41	8.70	27.
1263	2012 SEP 18 11:39:11	121.4	0.42	8.60	28.
1264	2012 SEP 18 19:39:15	122.5	0.42	8.49	29.
1265	2012 SEP 19 03:39:17	123.7	0.42	8.38	30.
1266	2012 SEP 19 11:39:20	124.8	0.42	8.27	31.
1267	2012 SEP 19 19:39:24	126.0	0.42	8.15	31.
1268	2012 SEP 20 03:39:27	127.1	0.42	8.04	32.
1269	2012 SEP 20 11:39:31	128.2	0.42	7.92	33.
1270	2012 SEP 20 19:39:34	129.3	0.43	7.79	34.
1271	2012 SEP 21 03:39:38	130.4	0.43	7.67	35.
1272	2012 SEP 21 11:39:40	131.5	0.43	7.55	36.
1273	2012 SEP 21 19:39:43	132.6	0.43	7.42	37.
1274	2012 SEP 22 03:39:47	133.6	0.43	7.29	38.
1275	2012 SEP 22 11:39:48	134.7	0.43	7.16	39.
1276	2012 SEP 22 19:39:52	135.8	0.43	7.03	40.
1277	2012 SEP 23 03:39:55	136.8	0.44	6.89	41.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
1278	2012 SEP 23 11:39:57	137.9	0.44	6.76	42.
1279	2012 SEP 23 19:40:01	138.9	0.44	6.62	43.
1280	2012 SEP 24 03:40:04	139.9	0.44	6.48	44.
1281	2012 SEP 24 11:40:06	141.0	0.44	6.34	45.
1282	2012 SEP 24 19:40:09	142.0	0.44	6.20	46.
1283	2012 SEP 25 03:40:11	143.0	0.44	6.06	47.
1284	2012 SEP 25 11:40:15	144.0	0.44	5.92	48.
1285	2012 SEP 25 19:40:18	145.0	0.45	5.77	49.
1286	2012 SEP 26 03:40:20	146.0	0.45	5.63	50.
1287	2012 SEP 26 11:40:23	147.0	0.45	5.48	51.
1288	2012 SEP 26 19:40:25	148.0	0.45	5.34	52.
1289	2012 SEP 27 03:40:27	149.0	0.45	5.19	53.
1290	2012 SEP 27 11:40:30	150.0	0.45	5.04	54.
1291	2012 SEP 27 19:40:32	151.0	0.45	4.89	55.
1292	2012 SEP 28 03:40:36	151.9	0.45	4.74	57.
1293	2012 SEP 28 11:40:38	152.9	0.45	4.59	58.
1294	2012 SEP 28 19:40:39	153.9	0.45	4.43	59.
1295	2012 SEP 29 03:40:43	154.9	0.46	4.28	60.
1296	2012 SEP 29 11:40:45	155.8	0.46	4.13	61.
1297	2012 SEP 29 19:40:46	156.8	0.46	3.97	62.
1298	2012 SEP 30 03:40:48	157.7	0.46	3.82	63.
1299	2012 SEP 30 11:40:52	158.7	0.46	3.66	64.
1300	2012 SEP 30 19:40:53	159.6	0.46	3.51	65.
1301	2012 OCT 01 03:40:55	160.6	0.46	3.35	66.
1302	2012 OCT 01 11:40:57	161.5	0.46	3.20	67.
1303	2012 OCT 01 19:41:00	162.5	0.46	3.04	69.
1304	2012 OCT 02 03:41:02	163.4	0.46	2.88	70.
1305	2012 OCT 02 11:41:04	164.3	0.46	2.72	71.
1306	2012 OCT 02 19:41:06	165.3	0.46	2.56	72.
1307	2012 OCT 03 03:41:07	166.2	0.46	2.41	73.
1308	2012 OCT 03 11:41:11	167.1	0.46	2.25	74.
1309	2012 OCT 03 19:41:13	168.0	0.46	2.09	75.
1310	2012 OCT 04 03:41:14	169.0	0.46	1.93	76.
1311	2012 OCT 04 11:41:16	169.9	0.46	1.77	77.
1312	2012 OCT 04 19:41:18	170.8	0.47	1.61	79.
1313	2012 OCT 05 03:41:20	171.7	0.47	1.45	80.
1314	2012 OCT 05 11:41:21	172.7	0.47	1.29	81.
1315	2012 OCT 05 19:41:23	173.6	0.47	1.13	82.
1316	2012 OCT 06 03:41:25	174.5	0.47	0.96	83.
1317	2012 OCT 06 11:41:27	175.4	0.47	0.80	84.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
1318	2012 OCT 06 19:41:28	176.3	0.47	0.64	85.
1319	2012 OCT 07 03:41:30	177.3	0.47	0.48	86.
1320	2012 OCT 07 11:41:32	178.2	0.47	0.32	88.
1321	2012 OCT 07 19:41:34	179.1	0.47	0.16	89.
1322	2012 OCT 08 03:41:36	180.0	0.47	-0.00	90.
1323	2012 OCT 08 11:41:37	180.9	0.47	-0.16	91.
1324	2012 OCT 08 19:41:41	181.8	0.47	-0.32	92.
1325	2012 OCT 09 03:41:43	182.8	0.47	-0.49	93.
1326	2012 OCT 09 11:41:44	183.7	0.47	-0.65	94.
1327	2012 OCT 09 19:41:46	184.6	0.47	-0.81	95.
1328	2012 OCT 10 03:41:48	185.5	0.47	-0.97	97.
1329	2012 OCT 10 11:41:50	186.4	0.47	-1.13	98.
1330	2012 OCT 10 19:41:51	187.4	0.47	-1.29	99.
1331	2012 OCT 11 03:41:53	188.3	0.47	-1.45	100.
1332	2012 OCT 11 11:41:55	189.2	0.47	-1.61	101.
1333	2012 OCT 11 19:41:57	190.1	0.46	-1.77	102.
1334	2012 OCT 12 03:41:58	191.1	0.46	-1.93	103.
1335	2012 OCT 12 11:42:00	192.0	0.46	-2.09	104.
1336	2012 OCT 12 19:42:02	192.9	0.46	-2.25	106.
1337	2012 OCT 13 03:42:04	193.8	0.46	-2.41	107.
1338	2012 OCT 13 11:42:05	194.8	0.46	-2.57	108.
1339	2012 OCT 13 19:42:07	195.7	0.46	-2.73	109.
1340	2012 OCT 14 03:42:09	196.6	0.46	-2.88	110.
1341	2012 OCT 14 11:42:12	197.6	0.46	-3.04	111.
1342	2012 OCT 14 19:42:14	198.5	0.46	-3.20	112.
1343	2012 OCT 15 03:42:16	199.5	0.46	-3.36	113.
1344	2012 OCT 15 11:42:18	200.4	0.46	-3.51	114.
1345	2012 OCT 15 19:42:19	201.4	0.46	-3.67	115.
1346	2012 OCT 16 03:42:21	202.3	0.46	-3.82	117.
1347	2012 OCT 16 11:42:25	203.3	0.46	-3.98	118.
1348	2012 OCT 16 19:42:27	204.2	0.46	-4.13	119.
1349	2012 OCT 17 03:42:28	205.2	0.46	-4.29	120.
1350	2012 OCT 17 11:42:30	206.1	0.45	-4.44	121.
1351	2012 OCT 17 19:42:34	207.1	0.45	-4.59	122.
1352	2012 OCT 18 03:42:35	208.1	0.45	-4.74	123.
1353	2012 OCT 18 11:42:37	209.1	0.45	-4.89	124.
1354	2012 OCT 18 19:42:39	210.0	0.45	-5.04	125.
1355	2012 OCT 19 03:42:42	211.0	0.45	-5.19	126.
1356	2012 OCT 19 11:42:44	212.0	0.45	-5.34	127.
1357	2012 OCT 19 19:42:46	213.0	0.45	-5.49	128.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1358	2012 OCT 20 03:42:49	214.0	0.45	-5.63	129.
1359	2012 OCT 20 11:42:51	215.0	0.45	-5.78	130.
1360	2012 OCT 20 19:42:55	216.0	0.44	-5.92	131.
1361	2012 OCT 21 03:42:56	217.0	0.44	-6.07	133.
1362	2012 OCT 21 11:42:58	218.1	0.44	-6.21	134.
1363	2012 OCT 21 19:43:02	219.1	0.44	-6.35	135.
1364	2012 OCT 22 03:43:03	220.1	0.44	-6.49	136.
1365	2012 OCT 22 11:43:07	221.1	0.44	-6.63	137.
1366	2012 OCT 22 19:43:09	222.2	0.44	-6.76	138.
1367	2012 OCT 23 03:43:12	223.2	0.44	-6.90	139.
1368	2012 OCT 23 11:43:14	224.3	0.43	-7.03	140.
1369	2012 OCT 23 19:43:17	225.4	0.43	-7.16	141.
1370	2012 OCT 24 03:43:19	226.4	0.43	-7.29	142.
1371	2012 OCT 24 11:43:23	227.5	0.43	-7.42	143.
1372	2012 OCT 24 19:43:25	228.6	0.43	-7.55	143.
1373	2012 OCT 25 03:43:28	229.7	0.43	-7.68	144.
1374	2012 OCT 25 11:43:30	230.8	0.43	-7.80	145.
1375	2012 OCT 25 19:43:33	231.9	0.42	-7.92	146.
1376	2012 OCT 26 03:43:37	233.0	0.42	-8.04	147.
1377	2012 OCT 26 11:43:39	234.1	0.42	-8.16	148.
1378	2012 OCT 26 19:43:42	235.2	0.42	-8.27	149.
1379	2012 OCT 27 03:43:44	236.4	0.42	-8.38	150.
1380	2012 OCT 27 11:43:47	237.5	0.42	-8.49	151.
1381	2012 OCT 27 19:43:51	238.7	0.42	-8.60	152.
1382	2012 OCT 28 03:43:53	239.8	0.41	-8.70	153.
1383	2012 OCT 28 11:43:56	241.0	0.41	-8.81	154.
1384	2012 OCT 28 19:44:00	242.2	0.41	-8.90	154.
1385	2012 OCT 29 03:44:01	243.4	0.41	-9.00	155.
1386	2012 OCT 29 11:44:05	244.6	0.41	-9.09	156.
1387	2012 OCT 29 19:44:08	245.8	0.40	-9.18	157.
1388	2012 OCT 30 03:44:10	247.0	0.40	-9.27	158.
1389	2012 OCT 30 11:44:14	248.3	0.40	-9.35	159.
1390	2012 OCT 30 19:44:17	249.5	0.40	-9.43	159.
1391	2012 OCT 31 03:44:19	250.8	0.40	-9.50	160.
1392	2012 OCT 31 11:44:23	252.1	0.40	-9.57	161.
1393	2012 OCT 31 19:44:26	253.3	0.39	-9.64	162.
1394	2012 NOV 01 03:44:30	254.6	0.39	-9.70	162.
1395	2012 NOV 01 11:44:33	255.9	0.39	-9.76	163.
1396	2012 NOV 01 19:44:37	257.3	0.39	-9.82	164.
1397	2012 NOV 02 03:44:40	258.6	0.39	-9.86	165.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1398	2012 NOV 02 11:44:44	259.9	0.38	-9.91	165.
1399	2012 NOV 02 19:44:47	261.3	0.38	-9.95	166.
1400	2012 NOV 03 03:44:51	262.7	0.38	-9.98	167.
1401	2012 NOV 03 11:44:54	264.1	0.38	-10.01	167.
1402	2012 NOV 03 19:44:58	265.5	0.38	-10.03	168.
1403	2012 NOV 04 03:45:01	266.9	0.37	-10.05	169.
1404	2012 NOV 04 11:45:05	268.3	0.37	-10.06	169.
1405	2012 NOV 04 19:45:10	269.8	0.37	-10.06	170.
1406	2012 NOV 05 03:45:13	271.2	0.37	-10.06	170.
1407	2012 NOV 05 11:45:17	272.7	0.37	-10.05	171.
1408	2012 NOV 05 19:45:22	274.2	0.37	-10.03	172.
1409	2012 NOV 06 03:45:26	275.7	0.36	-10.01	172.
1410	2012 NOV 06 11:45:31	277.2	0.36	-9.98	173.
1411	2012 NOV 06 19:45:35	278.8	0.36	-9.94	173.
1412	2012 NOV 07 03:45:40	280.3	0.36	-9.89	174.
1413	2012 NOV 07 11:45:43	281.9	0.36	-9.84	174.
1414	2012 NOV 07 19:45:49	283.5	0.35	-9.78	175.
1415	2012 NOV 08 03:45:54	285.1	0.35	-9.71	175.
1416	2012 NOV 08 11:45:59	286.7	0.35	-9.63	175.
1417	2012 NOV 08 19:46:03	288.4	0.35	-9.54	176.
1418	2012 NOV 09 03:46:08	290.0	0.35	-9.45	176.
1419	2012 NOV 09 11:46:13	291.7	0.34	-9.34	177.
1420	2012 NOV 09 19:46:19	293.4	0.34	-9.23	177.
1421	2012 NOV 10 03:46:24	295.1	0.34	-9.10	177.
1422	2012 NOV 10 11:46:29	296.9	0.34	-8.97	178.
1423	2012 NOV 10 19:46:34	298.6	0.34	-8.83	178.
1424	2012 NOV 11 03:46:41	300.4	0.34	-8.67	178.
1425	2012 NOV 11 11:46:47	302.2	0.33	-8.51	178.
1426	2012 NOV 11 19:46:52	304.0	0.33	-8.34	179.
1427	2012 NOV 12 03:46:57	305.8	0.33	-8.15	179.
1428	2012 NOV 12 11:47:04	307.6	0.33	-7.96	179.
1429	2012 NOV 12 19:47:10	309.5	0.33	-7.76	179.
1430	2012 NOV 13 03:47:17	311.3	0.33	-7.55	179.
1431	2012 NOV 13 11:47:22	313.2	0.32	-7.32	180.
1432	2012 NOV 13 19:47:27	315.1	0.32	-7.09	180.
1433	2012 NOV 14 03:47:34	317.1	0.32	-6.85	180.
1434	2012 NOV 14 11:47:39	319.0	0.32	-6.59	180.
1435	2012 NOV 14 19:47:46	320.9	0.32	-6.33	180.
1436	2012 NOV 15 03:47:52	322.9	0.32	-6.06	180.
1437	2012 NOV 15 11:47:59	324.9	0.32	-5.78	180.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1438	2012 NOV 15 19:48:04	326.9	0.32	-5.49	180.
1439	2012 NOV 16 03:48:11	328.9	0.32	-5.19	180.
1440	2012 NOV 16 11:48:16	330.9	0.31	-4.88	180.
1441	2012 NOV 16 19:48:23	333.0	0.31	-4.57	180.
1442	2012 NOV 17 03:48:30	335.0	0.31	-4.24	180.
1443	2012 NOV 17 11:48:36	337.1	0.31	-3.91	180.
1444	2012 NOV 17 19:48:43	339.1	0.31	-3.58	180.
1445	2012 NOV 18 03:48:48	341.2	0.31	-3.24	180.
1446	2012 NOV 18 11:48:55	343.3	0.31	-2.89	180.
1447	2012 NOV 18 19:49:02	345.4	0.31	-2.53	180.
1448	2012 NOV 19 03:49:07	347.5	0.31	-2.18	180.
1449	2012 NOV 19 11:49:14	349.6	0.31	-1.81	180.
1450	2012 NOV 19 19:49:21	351.7	0.31	-1.45	180.
1451	2012 NOV 20 03:49:27	353.8	0.31	-1.08	180.
1452	2012 NOV 20 11:49:34	355.9	0.31	-0.71	180.
1453	2012 NOV 20 19:49:41	358.0	0.31	-0.34	180.
1454	2012 NOV 21 03:49:46	0.2	0.31	0.03	180.
1455	2012 NOV 21 11:49:53	2.3	0.31	0.40	180.
1456	2012 NOV 21 19:50:00	4.4	0.31	0.77	180.
1457	2012 NOV 22 03:50:07	6.5	0.31	1.14	180.
1458	2012 NOV 22 11:50:12	8.6	0.31	1.51	180.
1459	2012 NOV 22 19:50:19	10.7	0.31	1.87	179.
1460	2012 NOV 23 03:50:26	12.8	0.31	2.23	179.
1461	2012 NOV 23 11:50:33	14.9	0.31	2.59	179.
1462	2012 NOV 23 19:50:39	17.0	0.31	2.94	179.
1463	2012 NOV 24 03:50:46	19.1	0.31	3.29	179.
1464	2012 NOV 24 11:50:53	21.2	0.31	3.63	179.
1465	2012 NOV 24 19:51:00	23.3	0.31	3.97	179.
1466	2012 NOV 25 03:51:05	25.3	0.31	4.30	179.
1467	2012 NOV 25 11:51:12	27.4	0.31	4.62	179.
1468	2012 NOV 25 19:51:19	29.4	0.31	4.93	179.
1469	2012 NOV 26 03:51:26	31.4	0.32	5.24	179.
1470	2012 NOV 26 11:51:31	33.4	0.32	5.53	179.
1471	2012 NOV 26 19:51:38	35.4	0.32	5.82	179.
1472	2012 NOV 27 03:51:45	37.4	0.32	6.10	179.
1473	2012 NOV 27 11:51:53	39.4	0.32	6.37	180.
1474	2012 NOV 27 19:51:58	41.3	0.32	6.63	180.
1475	2012 NOV 28 03:52:05	43.3	0.32	6.88	180.
1476	2012 NOV 28 11:52:12	45.2	0.32	7.13	180.
1477	2012 NOV 28 19:52:19	47.1	0.33	7.36	180.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1478	2012 NOV 29 03:52:24	49.0	0.33	7.58	180.
1479	2012 NOV 29 11:52:31	50.8	0.33	7.79	180.
1480	2012 NOV 29 19:52:38	52.7	0.33	7.99	181.
1481	2012 NOV 30 03:52:45	54.5	0.33	8.18	181.
1482	2012 NOV 30 11:52:51	56.3	0.33	8.36	181.
1483	2012 NOV 30 19:52:58	58.2	0.33	8.54	181.
1484	2012 DEC 01 03:53:05	59.9	0.34	8.70	182.
1485	2012 DEC 01 11:53:10	61.7	0.34	8.85	182.
1486	2012 DEC 01 19:53:17	63.4	0.34	8.99	182.
1487	2012 DEC 02 03:53:24	65.2	0.34	9.12	182.
1488	2012 DEC 02 11:53:29	66.9	0.34	9.24	183.
1489	2012 DEC 02 19:53:36	68.6	0.34	9.36	183.
1490	2012 DEC 03 03:53:42	70.3	0.35	9.46	183.
1491	2012 DEC 03 11:53:49	71.9	0.35	9.56	184.
1492	2012 DEC 03 19:53:54	73.6	0.35	9.64	184.
1493	2012 DEC 04 03:54:01	75.2	0.35	9.72	185.
1494	2012 DEC 04 11:54:06	76.8	0.35	9.79	185.
1495	2012 DEC 04 19:54:13	78.4	0.36	9.85	186.
1496	2012 DEC 05 03:54:18	79.9	0.36	9.90	186.
1497	2012 DEC 05 11:54:24	81.5	0.36	9.95	187.
1498	2012 DEC 05 19:54:29	83.0	0.36	9.98	187.
1499	2012 DEC 06 03:54:34	84.6	0.36	10.01	188.
1500	2012 DEC 06 11:54:40	86.1	0.37	10.03	188.
1501	2012 DEC 06 19:54:47	87.6	0.37	10.05	189.
1502	2012 DEC 07 03:54:52	89.0	0.37	10.06	189.
1503	2012 DEC 07 11:54:55	90.5	0.37	10.06	190.
1504	2012 DEC 07 19:55:01	91.9	0.37	10.05	190.
1505	2012 DEC 08 03:55:06	93.4	0.38	10.04	191.
1506	2012 DEC 08 11:55:11	94.8	0.38	10.03	192.
1507	2012 DEC 08 19:55:16	96.2	0.38	10.00	192.
1508	2012 DEC 09 03:55:22	97.6	0.38	9.97	193.
1509	2012 DEC 09 11:55:25	98.9	0.38	9.94	194.
1510	2012 DEC 09 19:55:30	100.3	0.38	9.90	194.
1511	2012 DEC 10 03:55:36	101.6	0.39	9.86	195.
1512	2012 DEC 10 11:55:39	103.0	0.39	9.81	196.
1513	2012 DEC 10 19:55:45	104.3	0.39	9.75	197.
1514	2012 DEC 11 03:55:48	105.6	0.39	9.69	197.
1515	2012 DEC 11 11:55:53	106.9	0.39	9.63	198.
1516	2012 DEC 11 19:55:57	108.2	0.40	9.56	199.
1517	2012 DEC 12 03:56:00	109.4	0.40	9.49	200.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1518	2012 DEC 12 11:56:06	110.7	0.40	9.42	200.
1519	2012 DEC 12 19:56:09	111.9	0.40	9.34	201.
1520	2012 DEC 13 03:56:13	113.2	0.40	9.25	202.
1521	2012 DEC 13 11:56:16	114.4	0.41	9.17	203.
1522	2012 DEC 13 19:56:21	115.6	0.41	9.08	204.
1523	2012 DEC 14 03:56:25	116.8	0.41	8.98	204.
1524	2012 DEC 14 11:56:28	118.0	0.41	8.89	205.
1525	2012 DEC 14 19:56:32	119.2	0.41	8.79	206.
1526	2012 DEC 15 03:56:36	120.4	0.41	8.69	207.
1527	2012 DEC 15 11:56:39	121.5	0.42	8.58	208.
1528	2012 DEC 15 19:56:43	122.7	0.42	8.47	209.
1529	2012 DEC 16 03:56:46	123.8	0.42	8.36	210.
1530	2012 DEC 16 11:56:50	125.0	0.42	8.25	211.
1531	2012 DEC 16 19:56:53	126.1	0.42	8.14	212.
1532	2012 DEC 17 03:56:57	127.2	0.42	8.02	212.
1533	2012 DEC 17 11:56:58	128.3	0.42	7.90	213.
1534	2012 DEC 17 19:57:02	129.4	0.43	7.78	214.
1535	2012 DEC 18 03:57:05	130.5	0.43	7.66	215.
1536	2012 DEC 18 11:57:09	131.6	0.43	7.53	216.
1537	2012 DEC 18 19:57:12	132.7	0.43	7.40	217.
1538	2012 DEC 19 03:57:14	133.8	0.43	7.27	218.
1539	2012 DEC 19 11:57:18	134.8	0.43	7.14	219.
1540	2012 DEC 19 19:57:21	135.9	0.43	7.01	220.
1541	2012 DEC 20 03:57:25	136.9	0.44	6.88	221.
1542	2012 DEC 20 11:57:27	138.0	0.44	6.74	222.
1543	2012 DEC 20 19:57:30	139.0	0.44	6.60	223.
1544	2012 DEC 21 03:57:34	140.1	0.44	6.47	224.
1545	2012 DEC 21 11:57:35	141.1	0.44	6.33	225.
1546	2012 DEC 21 19:57:39	142.1	0.44	6.19	226.
1547	2012 DEC 22 03:57:42	143.1	0.44	6.04	227.
1548	2012 DEC 22 11:57:44	144.1	0.44	5.90	228.
1549	2012 DEC 22 19:57:48	145.2	0.45	5.76	229.
1550	2012 DEC 23 03:57:49	146.2	0.45	5.61	230.
1551	2012 DEC 23 11:57:53	147.2	0.45	5.46	231.
1552	2012 DEC 23 19:57:56	148.1	0.45	5.32	232.
1553	2012 DEC 24 03:57:58	149.1	0.45	5.17	233.
1554	2012 DEC 24 11:58:02	150.1	0.45	5.02	235.
1555	2012 DEC 24 19:58:03	151.1	0.45	4.87	236.
1556	2012 DEC 25 03:58:05	152.1	0.45	4.72	237.
1557	2012 DEC 25 11:58:09	153.0	0.45	4.57	238.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1558	2012 DEC 25 19:58:10	154.0	0.45	4.42	239.
1559	2012 DEC 26 03:58:14	155.0	0.46	4.26	240.
1560	2012 DEC 26 11:58:16	155.9	0.46	4.11	241.
1561	2012 DEC 26 19:58:19	156.9	0.46	3.95	242.
1562	2012 DEC 27 03:58:21	157.8	0.46	3.80	243.
1563	2012 DEC 27 11:58:23	158.8	0.46	3.64	244.
1564	2012 DEC 27 19:58:26	159.7	0.46	3.49	245.
1565	2012 DEC 28 03:58:28	160.7	0.46	3.33	246.
1566	2012 DEC 28 11:58:32	161.6	0.46	3.18	248.
1567	2012 DEC 28 19:58:33	162.6	0.46	3.02	249.
1568	2012 DEC 29 03:58:35	163.5	0.46	2.86	250.
1569	2012 DEC 29 11:58:39	164.4	0.46	2.70	251.
1570	2012 DEC 29 19:58:40	165.4	0.46	2.54	252.
1571	2012 DEC 30 03:58:44	166.3	0.46	2.39	253.
1572	2012 DEC 30 11:58:46	167.2	0.46	2.23	254.
1573	2012 DEC 30 19:58:49	168.2	0.46	2.07	255.
1574	2012 DEC 31 03:58:51	169.1	0.46	1.91	256.
1575	2012 DEC 31 11:58:53	170.0	0.46	1.75	258.
1576	2012 DEC 31 19:58:56	170.9	0.47	1.59	259.
1577	2013 JAN 01 03:58:58	171.9	0.47	1.43	260.
1578	2013 JAN 01 11:59:01	172.8	0.47	1.27	261.
1579	2013 JAN 01 19:59:03	173.7	0.47	1.11	262.
1580	2013 JAN 02 03:59:05	174.6	0.47	0.94	263.
1581	2013 JAN 02 11:59:08	175.5	0.47	0.78	264.
1582	2013 JAN 02 19:59:10	176.5	0.47	0.62	265.
1583	2013 JAN 03 03:59:12	177.4	0.47	0.46	267.
1584	2013 JAN 03 11:59:15	178.3	0.47	0.30	268.
1585	2013 JAN 03 19:59:17	179.2	0.47	0.14	269.
1586	2013 JAN 04 03:59:19	180.1	0.47	-0.02	270.
1587	2013 JAN 04 11:59:23	181.0	0.47	-0.18	271.
1588	2013 JAN 04 19:59:24	182.0	0.47	-0.34	272.
1589	2013 JAN 05 03:59:26	182.9	0.47	-0.51	273.
1590	2013 JAN 05 11:59:30	183.8	0.47	-0.67	274.
1591	2013 JAN 05 19:59:31	184.7	0.47	-0.83	276.
1592	2013 JAN 06 03:59:35	185.6	0.47	-0.99	277.
1593	2013 JAN 06 11:59:37	186.6	0.47	-1.15	278.
1594	2013 JAN 06 19:59:40	187.5	0.47	-1.31	279.
1595	2013 JAN 07 03:59:42	188.4	0.47	-1.47	280.
1596	2013 JAN 07 11:59:45	189.3	0.47	-1.63	281.
1597	2013 JAN 07 19:59:47	190.2	0.46	-1.79	282.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
1598	2013 JAN 08 03:59:51	191.2	0.46	-1.95	283.
1599	2013 JAN 08 11:59:52	192.1	0.46	-2.11	285.
1600	2013 JAN 08 19:59:56	193.0	0.46	-2.27	286.
1601	2013 JAN 09 03:59:58	194.0	0.46	-2.43	287.
1602	2013 JAN 09 12:00:01	194.9	0.46	-2.59	288.
1603	2013 JAN 09 20:00:03	195.8	0.46	-2.75	289.
1604	2013 JAN 10 04:00:06	196.8	0.46	-2.90	290.
1605	2013 JAN 10 12:00:10	197.7	0.46	-3.06	291.
1606	2013 JAN 10 20:00:12	198.6	0.46	-3.22	292.
1607	2013 JAN 11 04:00:15	199.6	0.46	-3.38	293.
1608	2013 JAN 11 12:00:19	200.5	0.46	-3.53	295.
1609	2013 JAN 11 20:00:21	201.5	0.46	-3.69	296.
1610	2013 JAN 12 04:00:24	202.4	0.46	-3.84	297.
1611	2013 JAN 12 12:00:28	203.4	0.46	-4.00	298.
1612	2013 JAN 12 20:00:31	204.3	0.46	-4.15	299.
1613	2013 JAN 13 04:00:35	205.3	0.46	-4.31	300.
1614	2013 JAN 13 12:00:36	206.3	0.45	-4.46	301.
1615	2013 JAN 13 20:00:40	207.2	0.45	-4.61	302.
1616	2013 JAN 14 04:00:43	208.2	0.45	-4.76	303.
1617	2013 JAN 14 12:00:47	209.2	0.45	-4.91	304.
1618	2013 JAN 14 20:00:50	210.2	0.45	-5.06	305.
1619	2013 JAN 15 04:00:54	211.2	0.45	-5.21	306.
1620	2013 JAN 15 12:00:57	212.1	0.45	-5.36	307.
1621	2013 JAN 15 20:01:01	213.1	0.45	-5.51	309.
1622	2013 JAN 16 04:01:04	214.1	0.45	-5.65	310.
1623	2013 JAN 16 12:01:08	215.1	0.45	-5.80	311.
1624	2013 JAN 16 20:01:12	216.1	0.44	-5.94	312.
1625	2013 JAN 17 04:01:15	217.2	0.44	-6.08	313.
1626	2013 JAN 17 12:01:19	218.2	0.44	-6.23	314.
1627	2013 JAN 17 20:01:22	219.2	0.44	-6.37	315.
1628	2013 JAN 18 04:01:26	220.2	0.44	-6.51	316.
1629	2013 JAN 18 12:01:31	221.3	0.44	-6.64	317.
1630	2013 JAN 18 20:01:34	222.3	0.44	-6.78	318.
1631	2013 JAN 19 04:01:38	223.4	0.44	-6.92	319.
1632	2013 JAN 19 12:01:41	224.4	0.43	-7.05	320.
1633	2013 JAN 19 20:01:45	225.5	0.43	-7.18	321.
1634	2013 JAN 20 04:01:48	226.6	0.43	-7.31	322.
1635	2013 JAN 20 12:01:54	227.6	0.43	-7.44	323.
1636	2013 JAN 20 20:01:57	228.7	0.43	-7.57	324.
1637	2013 JAN 21 04:02:01	229.8	0.43	-7.69	325.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1638	2013 JAN 21 12:02:04	230.9	0.43	-7.81	326.
1639	2013 JAN 21 20:02:10	232.0	0.42	-7.94	326.
1640	2013 JAN 22 04:02:13	233.1	0.42	-8.05	327.
1641	2013 JAN 22 12:02:17	234.2	0.42	-8.17	328.
1642	2013 JAN 22 20:02:22	235.4	0.42	-8.29	329.
1643	2013 JAN 23 04:02:25	236.5	0.42	-8.40	330.
1644	2013 JAN 23 12:02:29	237.7	0.42	-8.51	331.
1645	2013 JAN 23 20:02:34	238.8	0.41	-8.61	332.
1646	2013 JAN 24 04:02:38	240.0	0.41	-8.72	333.
1647	2013 JAN 24 12:02:41	241.2	0.41	-8.82	334.
1648	2013 JAN 24 20:02:46	242.4	0.41	-8.92	335.
1649	2013 JAN 25 04:02:50	243.5	0.41	-9.01	335.
1650	2013 JAN 25 12:02:53	244.8	0.41	-9.10	336.
1651	2013 JAN 25 20:02:59	246.0	0.40	-9.19	337.
1652	2013 JAN 26 04:03:02	247.2	0.40	-9.28	338.
1653	2013 JAN 26 12:03:08	248.4	0.40	-9.36	339.
1654	2013 JAN 26 20:03:11	249.7	0.40	-9.44	339.
1655	2013 JAN 27 04:03:16	250.9	0.40	-9.51	340.
1656	2013 JAN 27 12:03:20	252.2	0.40	-9.58	341.
1657	2013 JAN 27 20:03:25	253.5	0.39	-9.65	342.
1658	2013 JAN 28 04:03:29	254.8	0.39	-9.71	343.
1659	2013 JAN 28 12:03:34	256.1	0.39	-9.77	343.
1660	2013 JAN 28 20:03:39	257.4	0.39	-9.82	344.
1661	2013 JAN 29 04:03:43	258.8	0.39	-9.87	345.
1662	2013 JAN 29 12:03:48	260.1	0.38	-9.91	345.
1663	2013 JAN 29 20:03:53	261.5	0.38	-9.95	346.
1664	2013 JAN 30 04:03:58	262.9	0.38	-9.98	347.
1665	2013 JAN 30 12:04:02	264.2	0.38	-10.01	347.
1666	2013 JAN 30 20:04:07	265.7	0.38	-10.03	348.
1667	2013 JAN 31 04:04:13	267.1	0.37	-10.05	349.
1668	2013 JAN 31 12:04:18	268.5	0.37	-10.06	349.
1669	2013 JAN 31 20:04:23	270.0	0.37	-10.06	350.
1670	2013 FEB 01 04:04:28	271.4	0.37	-10.06	350.
1671	2013 FEB 01 12:04:35	272.9	0.37	-10.05	351.
1672	2013 FEB 01 20:04:41	274.4	0.36	-10.03	352.
1673	2013 FEB 02 04:04:46	275.9	0.36	-10.01	352.
1674	2013 FEB 02 12:04:51	277.4	0.36	-9.97	353.
1675	2013 FEB 02 20:04:58	279.0	0.36	-9.93	353.
1676	2013 FEB 03 04:05:04	280.5	0.36	-9.89	354.
1677	2013 FEB 03 12:05:09	282.1	0.36	-9.83	354.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1678	2013 FEB 03 20:05:16	283.7	0.35	-9.77	355.
1679	2013 FEB 04 04:05:21	285.3	0.35	-9.70	355.
1680	2013 FEB 04 12:05:28	286.9	0.35	-9.62	355.
1681	2013 FEB 04 20:05:35	288.6	0.35	-9.53	356.
1682	2013 FEB 05 04:05:40	290.3	0.35	-9.43	356.
1683	2013 FEB 05 12:05:47	291.9	0.34	-9.33	357.
1684	2013 FEB 05 20:05:55	293.6	0.34	-9.21	357.
1685	2013 FEB 06 04:06:02	295.3	0.34	-9.09	357.
1686	2013 FEB 06 12:06:09	297.1	0.34	-8.95	358.
1687	2013 FEB 06 20:06:16	298.8	0.34	-8.81	358.
1688	2013 FEB 07 04:06:23	300.6	0.34	-8.65	358.
1689	2013 FEB 07 12:06:30	302.4	0.33	-8.49	358.
1690	2013 FEB 07 20:06:37	304.2	0.33	-8.31	359.
1691	2013 FEB 08 04:06:44	306.0	0.33	-8.13	359.
1692	2013 FEB 08 12:06:51	307.9	0.33	-7.94	359.
1693	2013 FEB 08 20:06:58	309.7	0.33	-7.73	359.
1694	2013 FEB 09 04:07:05	311.6	0.33	-7.52	359.
1695	2013 FEB 09 12:07:12	313.5	0.32	-7.29	360.
1696	2013 FEB 09 20:07:21	315.4	0.32	-7.06	360.
1697	2013 FEB 10 04:07:28	317.3	0.32	-6.81	360.
1698	2013 FEB 10 12:07:35	319.2	0.32	-6.56	360.
1699	2013 FEB 10 20:07:42	321.2	0.32	-6.30	0.
1700	2013 FEB 11 04:07:51	323.2	0.32	-6.02	0.
1701	2013 FEB 11 12:07:58	325.2	0.32	-5.74	0.
1702	2013 FEB 11 20:08:05	327.2	0.32	-5.45	0.
1703	2013 FEB 12 04:08:12	329.2	0.32	-5.15	0.
1704	2013 FEB 12 12:08:20	331.2	0.31	-4.84	0.
1705	2013 FEB 12 20:08:27	333.2	0.31	-4.53	0.
1706	2013 FEB 13 04:08:34	335.3	0.31	-4.20	0.
1707	2013 FEB 13 12:08:43	337.3	0.31	-3.87	0.
1708	2013 FEB 13 20:08:50	339.4	0.31	-3.53	0.
1709	2013 FEB 14 04:08:59	341.5	0.31	-3.19	0.
1710	2013 FEB 14 12:09:06	343.6	0.31	-2.84	0.
1711	2013 FEB 14 20:09:13	345.7	0.31	-2.49	0.
1712	2013 FEB 15 04:09:22	347.8	0.31	-2.13	0.
1713	2013 FEB 15 12:09:29	349.9	0.31	-1.77	0.
1714	2013 FEB 15 20:09:38	352.0	0.31	-1.40	0.
1715	2013 FEB 16 04:09:45	354.1	0.31	-1.03	360.
1716	2013 FEB 16 12:09:54	356.2	0.31	-0.66	360.
1717	2013 FEB 16 20:10:01	358.3	0.31	-0.29	360.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1718	2013 FEB 17 04:10:09	0.4	0.31	0.08	360.
1719	2013 FEB 17 12:10:16	2.6	0.31	0.45	360.
1720	2013 FEB 17 20:10:23	4.7	0.31	0.82	360.
1721	2013 FEB 18 04:10:32	6.8	0.31	1.19	360.
1722	2013 FEB 18 12:10:39	8.9	0.31	1.56	360.
1723	2013 FEB 18 20:10:48	11.0	0.31	1.92	359.
1724	2013 FEB 19 04:10:55	13.1	0.31	2.28	359.
1725	2013 FEB 19 12:11:04	15.2	0.31	2.64	359.
1726	2013 FEB 19 20:11:11	17.3	0.31	2.99	359.
1727	2013 FEB 20 04:11:20	19.4	0.31	3.34	359.
1728	2013 FEB 20 12:11:27	21.5	0.31	3.68	359.
1729	2013 FEB 20 20:11:36	23.5	0.31	4.01	359.
1730	2013 FEB 21 04:11:43	25.6	0.31	4.34	359.
1731	2013 FEB 21 12:11:51	27.6	0.31	4.66	359.
1732	2013 FEB 21 20:11:58	29.7	0.31	4.97	359.
1733	2013 FEB 22 04:12:07	31.7	0.32	5.28	359.
1734	2013 FEB 22 12:12:14	33.7	0.32	5.57	359.
1735	2013 FEB 22 20:12:23	35.7	0.32	5.86	359.
1736	2013 FEB 23 04:12:32	37.7	0.32	6.14	359.
1737	2013 FEB 23 12:12:39	39.6	0.32	6.41	360.
1738	2013 FEB 23 20:12:48	41.6	0.32	6.67	360.
1739	2013 FEB 24 04:12:55	43.5	0.32	6.92	360.
1740	2013 FEB 24 12:13:03	45.4	0.32	7.16	360.
1741	2013 FEB 24 20:13:10	47.3	0.33	7.39	0.
1742	2013 FEB 25 04:13:19	49.2	0.33	7.61	0.
1743	2013 FEB 25 12:13:26	51.1	0.33	7.82	0.
1744	2013 FEB 25 20:13:35	52.9	0.33	8.02	1.
1745	2013 FEB 26 04:13:42	54.8	0.33	8.21	1.
1746	2013 FEB 26 12:13:51	56.6	0.33	8.39	1.
1747	2013 FEB 26 20:13:58	58.4	0.33	8.56	1.
1748	2013 FEB 27 04:14:07	60.2	0.34	8.72	2.
1749	2013 FEB 27 12:14:14	61.9	0.34	8.87	2.
1750	2013 FEB 27 20:14:21	63.7	0.34	9.01	2.
1751	2013 FEB 28 04:14:30	65.4	0.34	9.14	2.
1752	2013 FEB 28 12:14:37	67.1	0.34	9.26	3.
1753	2013 FEB 28 20:14:45	68.8	0.34	9.37	3.
1754	2013 MAR 01 04:14:52	70.5	0.35	9.48	4.
1755	2013 MAR 01 12:14:59	72.1	0.35	9.57	4.
1756	2013 MAR 01 20:15:08	73.8	0.35	9.65	4.
1757	2013 MAR 02 04:15:15	75.4	0.35	9.73	5.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1758	2013 MAR 02 12:15:22	77.0	0.35	9.80	5.
1759	2013 MAR 02 20:15:29	78.6	0.36	9.86	6.
1760	2013 MAR 03 04:15:36	80.2	0.36	9.91	6.
1761	2013 MAR 03 12:15:43	81.7	0.36	9.95	7.
1762	2013 MAR 03 20:15:50	83.2	0.36	9.99	7.
1763	2013 MAR 04 04:15:57	84.8	0.36	10.02	8.
1764	2013 MAR 04 12:16:04	86.3	0.37	10.04	8.
1765	2013 MAR 04 20:16:11	87.8	0.37	10.05	9.
1766	2013 MAR 05 04:16:19	89.2	0.37	10.06	9.
1767	2013 MAR 05 12:16:26	90.7	0.37	10.06	10.
1768	2013 MAR 05 20:16:31	92.1	0.37	10.05	11.
1769	2013 MAR 06 04:16:38	93.6	0.38	10.04	11.
1770	2013 MAR 06 12:16:45	95.0	0.38	10.02	12.
1771	2013 MAR 06 20:16:50	96.4	0.38	10.00	12.
1772	2013 MAR 07 04:16:57	97.8	0.38	9.97	13.
1773	2013 MAR 07 12:17:02	99.1	0.38	9.94	14.
1774	2013 MAR 07 20:17:10	100.5	0.38	9.90	14.
1775	2013 MAR 08 04:17:15	101.8	0.39	9.85	15.
1776	2013 MAR 08 12:17:20	103.2	0.39	9.80	16.
1777	2013 MAR 08 20:17:27	104.5	0.39	9.75	17.
1778	2013 MAR 09 04:17:32	105.8	0.39	9.69	17.
1779	2013 MAR 09 12:17:38	107.1	0.39	9.62	18.
1780	2013 MAR 09 20:17:43	108.3	0.40	9.55	19.
1781	2013 MAR 10 04:17:50	109.6	0.40	9.48	20.
1782	2013 MAR 10 12:17:55	110.9	0.40	9.41	20.
1783	2013 MAR 10 20:18:00	112.1	0.40	9.33	21.
1784	2013 MAR 11 04:18:06	113.3	0.40	9.24	22.
1785	2013 MAR 11 12:18:11	114.6	0.41	9.16	23.
1786	2013 MAR 11 20:18:16	115.8	0.41	9.07	24.
1787	2013 MAR 12 04:18:22	117.0	0.41	8.97	25.
1788	2013 MAR 12 12:18:27	118.2	0.41	8.88	25.
1789	2013 MAR 12 20:18:32	119.4	0.41	8.78	26.
1790	2013 MAR 13 04:18:36	120.5	0.41	8.67	27.
1791	2013 MAR 13 12:18:41	121.7	0.42	8.57	28.
1792	2013 MAR 13 20:18:46	122.8	0.42	8.46	29.
1793	2013 MAR 14 04:18:51	124.0	0.42	8.35	30.
1794	2013 MAR 14 12:18:57	125.1	0.42	8.24	31.
1795	2013 MAR 14 20:19:00	126.2	0.42	8.12	32.
1796	2013 MAR 15 04:19:06	127.4	0.42	8.00	33.
1797	2013 MAR 15 12:19:11	128.5	0.43	7.88	34.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1798	2013 MAR 15 20:19:14	129.6	0.43	7.76	34.
1799	2013 MAR 16 04:19:20	130.7	0.43	7.64	35.
1800	2013 MAR 16 12:19:25	131.8	0.43	7.51	36.
1801	2013 MAR 16 20:19:28	132.8	0.43	7.39	37.
1802	2013 MAR 17 04:19:34	133.9	0.43	7.26	38.
1803	2013 MAR 17 12:19:37	135.0	0.43	7.13	39.
1804	2013 MAR 17 20:19:42	136.0	0.44	6.99	40.
1805	2013 MAR 18 04:19:46	137.1	0.44	6.86	41.
1806	2013 MAR 18 12:19:51	138.1	0.44	6.72	42.
1807	2013 MAR 18 20:19:55	139.2	0.44	6.59	43.
1808	2013 MAR 19 04:20:00	140.2	0.44	6.45	44.
1809	2013 MAR 19 12:20:04	141.2	0.44	6.31	45.
1810	2013 MAR 19 20:20:09	142.3	0.44	6.17	46.
1811	2013 MAR 20 04:20:12	143.3	0.44	6.02	47.
1812	2013 MAR 20 12:20:18	144.3	0.44	5.88	48.
1813	2013 MAR 20 20:20:21	145.3	0.45	5.74	49.
1814	2013 MAR 21 04:20:26	146.3	0.45	5.59	50.
1815	2013 MAR 21 12:20:30	147.3	0.45	5.44	52.
1816	2013 MAR 21 20:20:33	148.3	0.45	5.30	53.
1817	2013 MAR 22 04:20:39	149.3	0.45	5.15	54.
1818	2013 MAR 22 12:20:42	150.3	0.45	5.00	55.
1819	2013 MAR 22 20:20:46	151.2	0.45	4.85	56.
1820	2013 MAR 23 04:20:51	152.2	0.45	4.70	57.
1821	2013 MAR 23 12:20:55	153.2	0.45	4.55	58.
1822	2013 MAR 23 20:20:58	154.1	0.45	4.39	59.
1823	2013 MAR 24 04:21:02	155.1	0.46	4.24	60.
1824	2013 MAR 24 12:21:05	156.1	0.46	4.09	61.
1825	2013 MAR 24 20:21:10	157.0	0.46	3.93	62.
1826	2013 MAR 25 04:21:14	158.0	0.46	3.78	63.
1827	2013 MAR 25 12:21:17	158.9	0.46	3.62	64.
1828	2013 MAR 25 20:21:21	159.9	0.46	3.47	66.
1829	2013 MAR 26 04:21:24	160.8	0.46	3.31	67.
1830	2013 MAR 26 12:21:28	161.8	0.46	3.15	68.
1831	2013 MAR 26 20:21:31	162.7	0.46	3.00	69.
1832	2013 MAR 27 04:21:35	163.6	0.46	2.84	70.
1833	2013 MAR 27 12:21:38	164.6	0.46	2.68	71.
1834	2013 MAR 27 20:21:42	165.5	0.46	2.52	72.
1835	2013 MAR 28 04:21:45	166.4	0.46	2.36	73.
1836	2013 MAR 28 12:21:49	167.4	0.46	2.20	74.
1837	2013 MAR 28 20:21:53	168.3	0.46	2.04	75.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1838	2013 MAR 29 04:21:56	169.2	0.46	1.88	77.
1839	2013 MAR 29 12:22:00	170.1	0.46	1.72	78.
1840	2013 MAR 29 20:22:03	171.1	0.47	1.56	79.
1841	2013 MAR 30 04:22:07	172.0	0.47	1.40	80.
1842	2013 MAR 30 12:22:10	172.9	0.47	1.24	81.
1843	2013 MAR 30 20:22:14	173.8	0.47	1.08	82.
1844	2013 MAR 31 04:22:17	174.8	0.47	0.92	83.
1845	2013 MAR 31 12:22:21	175.7	0.47	0.76	84.
1846	2013 MAR 31 20:22:24	176.6	0.47	0.60	86.
1847	2013 APR 01 04:22:28	177.5	0.47	0.44	87.
1848	2013 APR 01 12:22:29	178.4	0.47	0.28	88.
1849	2013 APR 01 20:22:33	179.3	0.47	0.12	89.
1850	2013 APR 02 04:22:36	180.3	0.47	-0.05	90.
1851	2013 APR 02 12:22:40	181.2	0.47	-0.21	91.
1852	2013 APR 02 20:22:43	182.1	0.47	-0.37	92.
1853	2013 APR 03 04:22:47	183.0	0.47	-0.53	93.
1854	2013 APR 03 12:22:51	183.9	0.47	-0.69	95.
1855	2013 APR 03 20:22:54	184.8	0.47	-0.85	96.
1856	2013 APR 04 04:22:58	185.8	0.47	-1.01	97.
1857	2013 APR 04 12:22:59	186.7	0.47	-1.17	98.
1858	2013 APR 04 20:23:03	187.6	0.47	-1.33	99.
1859	2013 APR 05 04:23:06	188.5	0.47	-1.49	100.
1860	2013 APR 05 12:23:10	189.4	0.47	-1.65	101.
1861	2013 APR 05 20:23:13	190.4	0.46	-1.81	102.
1862	2013 APR 06 04:23:17	191.3	0.46	-1.97	104.
1863	2013 APR 06 12:23:20	192.2	0.46	-2.13	105.
1864	2013 APR 06 20:23:24	193.2	0.46	-2.29	106.
1865	2013 APR 07 04:23:27	194.1	0.46	-2.45	107.
1866	2013 APR 07 12:23:31	195.0	0.46	-2.61	108.
1867	2013 APR 07 20:23:34	196.0	0.46	-2.77	109.
1868	2013 APR 08 04:23:38	196.9	0.46	-2.93	110.
1869	2013 APR 08 12:23:43	197.8	0.46	-3.08	111.
1870	2013 APR 08 20:23:47	198.8	0.46	-3.24	112.
1871	2013 APR 09 04:23:50	199.7	0.46	-3.40	114.
1872	2013 APR 09 12:23:54	200.7	0.46	-3.55	115.
1873	2013 APR 09 20:23:57	201.6	0.46	-3.71	116.
1874	2013 APR 10 04:24:01	202.6	0.46	-3.87	117.
1875	2013 APR 10 12:24:04	203.5	0.46	-4.02	118.
1876	2013 APR 10 20:24:10	204.5	0.46	-4.17	119.
1877	2013 APR 11 04:24:13	205.4	0.46	-4.33	120.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1878	2013 APR 11 12:24:17	206.4	0.45	-4.48	121.
1879	2013 APR 11 20:24:20	207.4	0.45	-4.63	122.
1880	2013 APR 12 04:24:25	208.3	0.45	-4.78	123.
1881	2013 APR 12 12:24:29	209.3	0.45	-4.93	124.
1882	2013 APR 12 20:24:32	210.3	0.45	-5.08	125.
1883	2013 APR 13 04:24:38	211.3	0.45	-5.23	127.
1884	2013 APR 13 12:24:41	212.3	0.45	-5.38	128.
1885	2013 APR 13 20:24:45	213.3	0.45	-5.53	129.
1886	2013 APR 14 04:24:50	214.3	0.45	-5.67	130.
1887	2013 APR 14 12:24:54	215.3	0.45	-5.82	131.
1888	2013 APR 14 20:24:57	216.3	0.44	-5.96	132.
1889	2013 APR 15 04:25:02	217.3	0.44	-6.10	133.
1890	2013 APR 15 12:25:06	218.3	0.44	-6.25	134.
1891	2013 APR 15 20:25:11	219.4	0.44	-6.39	135.
1892	2013 APR 16 04:25:15	220.4	0.44	-6.53	136.
1893	2013 APR 16 12:25:18	221.4	0.44	-6.66	137.
1894	2013 APR 16 20:25:23	222.5	0.44	-6.80	138.
1895	2013 APR 17 04:25:27	223.5	0.44	-6.93	139.
1896	2013 APR 17 12:25:32	224.6	0.43	-7.07	140.
1897	2013 APR 17 20:25:36	225.6	0.43	-7.20	141.
1898	2013 APR 18 04:25:41	226.7	0.43	-7.33	142.
1899	2013 APR 18 12:25:45	227.8	0.43	-7.46	143.
1900	2013 APR 18 20:25:50	228.9	0.43	-7.58	144.
1901	2013 APR 19 04:25:53	230.0	0.43	-7.71	145.
1902	2013 APR 19 12:25:59	231.1	0.43	-7.83	146.
1903	2013 APR 19 20:26:04	232.2	0.42	-7.95	147.
1904	2013 APR 20 04:26:07	233.3	0.42	-8.07	148.
1905	2013 APR 20 12:26:13	234.4	0.42	-8.19	148.
1906	2013 APR 20 20:26:16	235.5	0.42	-8.30	149.
1907	2013 APR 21 04:26:21	236.7	0.42	-8.41	150.
1908	2013 APR 21 12:26:25	237.8	0.42	-8.52	151.
1909	2013 APR 21 20:26:30	239.0	0.41	-8.63	152.
1910	2013 APR 22 04:26:36	240.2	0.41	-8.73	153.
1911	2013 APR 22 12:26:39	241.3	0.41	-8.83	154.
1912	2013 APR 22 20:26:44	242.5	0.41	-8.93	155.
1913	2013 APR 23 04:26:48	243.7	0.41	-9.03	155.
1914	2013 APR 23 12:26:53	244.9	0.41	-9.12	156.
1915	2013 APR 23 20:26:58	246.1	0.40	-9.21	157.
1916	2013 APR 24 04:27:02	247.4	0.40	-9.29	158.
1917	2013 APR 24 12:27:07	248.6	0.40	-9.37	159.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1918	2013 APR 24 20:27:12	249.9	0.40	-9.45	160.
1919	2013 APR 25 04:27:18	251.1	0.40	-9.52	160.
1920	2013 APR 25 12:27:21	252.4	0.40	-9.59	161.
1921	2013 APR 25 20:27:26	253.7	0.39	-9.66	162.
1922	2013 APR 26 04:27:32	255.0	0.39	-9.72	163.
1923	2013 APR 26 12:27:37	256.3	0.39	-9.78	163.
1924	2013 APR 26 20:27:42	257.6	0.39	-9.83	164.
1925	2013 APR 27 04:27:48	259.0	0.39	-9.88	165.
1926	2013 APR 27 12:27:53	260.3	0.38	-9.92	165.
1927	2013 APR 27 20:27:58	261.7	0.38	-9.96	166.
1928	2013 APR 28 04:28:03	263.1	0.38	-9.99	167.
1929	2013 APR 28 12:28:09	264.4	0.38	-10.01	168.
1930	2013 APR 28 20:28:16	265.9	0.38	-10.03	168.
1931	2013 APR 29 04:28:21	267.3	0.37	-10.05	169.
1932	2013 APR 29 12:28:26	268.7	0.37	-10.06	169.
1933	2013 APR 29 20:28:32	270.2	0.37	-10.06	170.
1934	2013 APR 30 04:28:39	271.6	0.37	-10.06	171.
1935	2013 APR 30 12:28:44	273.1	0.37	-10.04	171.
1936	2013 APR 30 20:28:51	274.6	0.36	-10.03	172.
1937	2013 MAY 01 04:28:56	276.1	0.36	-10.00	172.
1938	2013 MAY 01 12:29:03	277.6	0.36	-9.97	173.
1939	2013 MAY 01 20:29:08	279.2	0.36	-9.93	173.
1940	2013 MAY 02 04:29:15	280.8	0.36	-9.88	174.
1941	2013 MAY 02 12:29:23	282.3	0.36	-9.83	174.
1942	2013 MAY 02 20:29:28	283.9	0.35	-9.76	175.
1943	2013 MAY 03 04:29:35	285.5	0.35	-9.69	175.
1944	2013 MAY 03 12:29:42	287.2	0.35	-9.61	175.
1945	2013 MAY 03 20:29:49	288.8	0.35	-9.52	176.
1946	2013 MAY 04 04:29:56	290.5	0.35	-9.42	176.
1947	2013 MAY 04 12:30:03	292.2	0.34	-9.31	177.
1948	2013 MAY 04 20:30:10	293.9	0.34	-9.19	177.
1949	2013 MAY 05 04:30:17	295.6	0.34	-9.07	177.
1950	2013 MAY 05 12:30:24	297.3	0.34	-8.93	178.
1951	2013 MAY 05 20:30:31	299.1	0.34	-8.79	178.
1952	2013 MAY 06 04:30:38	300.9	0.34	-8.63	178.
1953	2013 MAY 06 12:30:45	302.6	0.33	-8.46	178.
1954	2013 MAY 06 20:30:54	304.5	0.33	-8.29	179.
1955	2013 MAY 07 04:31:01	306.3	0.33	-8.10	179.
1956	2013 MAY 07 12:31:08	308.1	0.33	-7.91	179.
1957	2013 MAY 07 20:31:17	310.0	0.33	-7.70	179.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1958	2013 MAY 08 04:31:24	311.9	0.33	-7.49	179.
1959	2013 MAY 08 12:31:33	313.8	0.32	-7.26	180.
1960	2013 MAY 08 20:31:40	315.7	0.32	-7.02	180.
1961	2013 MAY 09 04:31:47	317.6	0.32	-6.78	180.
1962	2013 MAY 09 12:31:55	319.5	0.32	-6.52	180.
1963	2013 MAY 09 20:32:02	321.5	0.32	-6.26	180.
1964	2013 MAY 10 04:32:11	323.5	0.32	-5.98	180.
1965	2013 MAY 10 12:32:18	325.4	0.32	-5.70	180.
1966	2013 MAY 10 20:32:27	327.4	0.32	-5.41	180.
1967	2013 MAY 11 04:32:34	329.5	0.31	-5.11	180.
1968	2013 MAY 11 12:32:43	331.5	0.31	-4.80	180.
1969	2013 MAY 11 20:32:50	333.5	0.31	-4.48	180.
1970	2013 MAY 12 04:32:59	335.6	0.31	-4.15	180.
1971	2013 MAY 12 12:33:06	337.6	0.31	-3.82	180.
1972	2013 MAY 12 20:33:15	339.7	0.31	-3.48	180.
1973	2013 MAY 13 04:33:22	341.8	0.31	-3.14	180.
1974	2013 MAY 13 12:33:30	343.9	0.31	-2.79	180.
1975	2013 MAY 13 20:33:37	346.0	0.31	-2.44	180.
1976	2013 MAY 14 04:33:46	348.1	0.31	-2.08	180.
1977	2013 MAY 14 12:33:53	350.2	0.31	-1.71	180.
1978	2013 MAY 14 20:34:02	352.3	0.31	-1.35	180.
1979	2013 MAY 15 04:34:09	354.4	0.31	-0.98	180.
1980	2013 MAY 15 12:34:18	356.5	0.31	-0.61	180.
1981	2013 MAY 15 20:34:25	358.6	0.31	-0.24	180.
1982	2013 MAY 16 04:34:34	0.8	0.31	0.13	180.
1983	2013 MAY 16 12:34:41	2.9	0.31	0.50	180.
1984	2013 MAY 16 20:34:49	5.0	0.31	0.87	180.
1985	2013 MAY 17 04:34:56	7.1	0.31	1.24	180.
1986	2013 MAY 17 12:35:05	9.2	0.31	1.61	180.
1987	2013 MAY 17 20:35:12	11.3	0.31	1.97	179.
1988	2013 MAY 18 04:35:21	13.4	0.31	2.33	179.
1989	2013 MAY 18 12:35:28	15.5	0.31	2.69	179.
1990	2013 MAY 18 20:35:37	17.6	0.31	3.04	179.
1991	2013 MAY 19 04:35:44	19.7	0.31	3.39	179.
1992	2013 MAY 19 12:35:53	21.8	0.31	3.73	179.
1993	2013 MAY 19 20:36:02	23.8	0.31	4.06	179.
1994	2013 MAY 20 04:36:09	25.9	0.31	4.39	179.
1995	2013 MAY 20 12:36:17	27.9	0.31	4.70	179.
1996	2013 MAY 20 20:36:24	30.0	0.31	5.02	179.
1997	2013 MAY 21 04:36:33	32.0	0.32	5.32	179.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
1998	2013 MAY 21 12:36:40	34.0	0.32	5.61	179.
1999	2013 MAY 21 20:36:49	36.0	0.32	5.90	179.
2000	2013 MAY 22 04:36:56	38.0	0.32	6.18	179.
2001	2013 MAY 22 12:37:05	39.9	0.32	6.45	180.
2002	2013 MAY 22 20:37:12	41.9	0.32	6.70	180.
2003	2013 MAY 23 04:37:21	43.8	0.32	6.95	180.
2004	2013 MAY 23 12:37:28	45.7	0.32	7.19	180.
2005	2013 MAY 23 20:37:36	47.6	0.33	7.42	180.
2006	2013 MAY 24 04:37:43	49.5	0.33	7.64	180.
2007	2013 MAY 24 12:37:52	51.4	0.33	7.85	180.
2008	2013 MAY 24 20:37:59	53.2	0.33	8.05	181.
2009	2013 MAY 25 04:38:08	55.0	0.33	8.24	181.
2010	2013 MAY 25 12:38:15	56.9	0.33	8.41	181.
2011	2013 MAY 25 20:38:22	58.6	0.33	8.58	181.
2012	2013 MAY 26 04:38:31	60.4	0.34	8.74	182.
2013	2013 MAY 26 12:38:38	62.2	0.34	8.89	182.
2014	2013 MAY 26 20:38:47	63.9	0.34	9.03	182.
2015	2013 MAY 27 04:38:54	65.7	0.34	9.16	183.
2016	2013 MAY 27 12:39:03	67.4	0.34	9.28	183.
2017	2013 MAY 27 20:39:10	69.1	0.35	9.39	183.
2018	2013 MAY 28 04:39:17	70.7	0.35	9.49	184.
2019	2013 MAY 28 12:39:25	72.4	0.35	9.58	184.
2020	2013 MAY 28 20:39:32	74.0	0.35	9.67	184.
2021	2013 MAY 29 04:39:40	75.6	0.35	9.74	185.
2022	2013 MAY 29 12:39:47	77.2	0.35	9.81	185.
2023	2013 MAY 29 20:39:54	78.8	0.36	9.86	186.
2024	2013 MAY 30 04:40:02	80.4	0.36	9.91	186.
2025	2013 MAY 30 12:40:09	81.9	0.36	9.96	187.
2026	2013 MAY 30 20:40:16	83.5	0.36	9.99	187.
2027	2013 MAY 31 04:40:23	85.0	0.36	10.02	188.
2028	2013 MAY 31 12:40:29	86.5	0.37	10.04	188.
2029	2013 MAY 31 20:40:36	88.0	0.37	10.05	189.
2030	2013 JUN 01 04:40:43	89.4	0.37	10.06	189.
2031	2013 JUN 01 12:40:50	90.9	0.37	10.06	190.
2032	2013 JUN 01 20:40:57	92.3	0.37	10.05	191.
2033	2013 JUN 02 04:41:02	93.8	0.38	10.04	191.
2034	2013 JUN 02 12:41:09	95.2	0.38	10.02	192.
2035	2013 JUN 02 20:41:14	96.6	0.38	10.00	193.
2036	2013 JUN 03 04:41:21	98.0	0.38	9.97	193.
2037	2013 JUN 03 12:41:27	99.3	0.38	9.93	194.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2038	2013 JUN 03 20:41:34	100.7	0.39	9.89	195.
2039	2013 JUN 04 04:41:39	102.0	0.39	9.84	195.
2040	2013 JUN 04 12:41:46	103.3	0.39	9.79	196.
2041	2013 JUN 04 20:41:51	104.7	0.39	9.74	197.
2042	2013 JUN 05 04:41:57	106.0	0.39	9.68	197.
2043	2013 JUN 05 12:42:02	107.3	0.39	9.61	198.
2044	2013 JUN 05 20:42:07	108.5	0.40	9.54	199.
2045	2013 JUN 06 04:42:14	109.8	0.40	9.47	200.
2046	2013 JUN 06 12:42:19	111.1	0.40	9.39	201.
2047	2013 JUN 06 20:42:25	112.3	0.40	9.31	201.
2048	2013 JUN 07 04:42:30	113.5	0.40	9.23	202.
2049	2013 JUN 07 12:42:35	114.7	0.41	9.14	203.
2050	2013 JUN 07 20:42:41	116.0	0.41	9.05	204.
2051	2013 JUN 08 04:42:46	117.2	0.41	8.96	205.
2052	2013 JUN 08 12:42:51	118.3	0.41	8.86	206.
2053	2013 JUN 08 20:42:56	119.5	0.41	8.76	206.
2054	2013 JUN 09 04:43:00	120.7	0.41	8.66	207.
2055	2013 JUN 09 12:43:05	121.9	0.42	8.55	208.
2056	2013 JUN 09 20:43:10	123.0	0.42	8.44	209.
2057	2013 JUN 10 04:43:16	124.2	0.42	8.33	210.
2058	2013 JUN 10 12:43:21	125.3	0.42	8.22	211.
2059	2013 JUN 10 20:43:25	126.4	0.42	8.11	212.
2060	2013 JUN 11 04:43:30	127.5	0.42	7.99	213.
2061	2013 JUN 11 12:43:35	128.6	0.43	7.87	214.
2062	2013 JUN 11 20:43:40	129.7	0.43	7.75	215.
2063	2013 JUN 12 04:43:44	130.8	0.43	7.62	216.
2064	2013 JUN 12 12:43:49	131.9	0.43	7.50	217.
2065	2013 JUN 12 20:43:54	133.0	0.43	7.37	217.
2066	2013 JUN 13 04:44:00	134.1	0.43	7.24	218.
2067	2013 JUN 13 12:44:03	135.1	0.43	7.11	219.
2068	2013 JUN 13 20:44:08	136.2	0.44	6.97	220.
2069	2013 JUN 14 04:44:14	137.2	0.44	6.84	221.
2070	2013 JUN 14 12:44:17	138.3	0.44	6.70	222.
2071	2013 JUN 14 20:44:23	139.3	0.44	6.57	223.
2072	2013 JUN 15 04:44:28	140.4	0.44	6.43	224.
2073	2013 JUN 15 12:44:31	141.4	0.44	6.29	225.
2074	2013 JUN 15 20:44:37	142.4	0.44	6.15	226.
2075	2013 JUN 16 04:44:40	143.4	0.44	6.00	228.
2076	2013 JUN 16 12:44:45	144.4	0.45	5.86	229.
2077	2013 JUN 16 20:44:51	145.4	0.45	5.72	230.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2078	2013 JUN 17 04:44:54	146.4	0.45	5.57	231.
2079	2013 JUN 17 12:44:59	147.4	0.45	5.42	232.
2080	2013 JUN 17 20:45:03	148.4	0.45	5.28	233.
2081	2013 JUN 18 04:45:08	149.4	0.45	5.13	234.
2082	2013 JUN 18 12:45:12	150.4	0.45	4.98	235.
2083	2013 JUN 18 20:45:17	151.4	0.45	4.83	236.
2084	2013 JUN 19 04:45:21	152.3	0.45	4.68	237.
2085	2013 JUN 19 12:45:24	153.3	0.45	4.52	238.
2086	2013 JUN 19 20:45:29	154.3	0.45	4.37	239.
2087	2013 JUN 20 04:45:33	155.2	0.46	4.22	240.
2088	2013 JUN 20 12:45:38	156.2	0.46	4.07	241.
2089	2013 JUN 20 20:45:42	157.2	0.46	3.91	242.
2090	2013 JUN 21 04:45:45	158.1	0.46	3.76	243.
2091	2013 JUN 21 12:45:49	159.1	0.46	3.60	245.
2092	2013 JUN 21 20:45:54	160.0	0.46	3.44	246.
2093	2013 JUN 22 04:45:57	161.0	0.46	3.29	247.
2094	2013 JUN 22 12:46:01	161.9	0.46	3.13	248.
2095	2013 JUN 22 20:46:06	162.8	0.46	2.97	249.
2096	2013 JUN 23 04:46:10	163.8	0.46	2.82	250.
2097	2013 JUN 23 12:46:13	164.7	0.46	2.66	251.
2098	2013 JUN 23 20:46:17	165.6	0.46	2.50	252.
2099	2013 JUN 24 04:46:20	166.6	0.46	2.34	253.
2100	2013 JUN 24 12:46:26	167.5	0.46	2.18	255.
2101	2013 JUN 24 20:46:29	168.4	0.46	2.02	256.
2102	2013 JUN 25 04:46:33	169.4	0.46	1.86	257.
2103	2013 JUN 25 12:46:36	170.3	0.46	1.70	258.
2104	2013 JUN 25 20:46:40	171.2	0.47	1.54	259.
2105	2013 JUN 26 04:46:45	172.1	0.47	1.38	260.
2106	2013 JUN 26 12:46:48	173.0	0.47	1.22	261.
2107	2013 JUN 26 20:46:52	174.0	0.47	1.06	262.
2108	2013 JUN 27 04:46:55	174.9	0.47	0.90	264.
2109	2013 JUN 27 12:46:59	175.8	0.47	0.74	265.
2110	2013 JUN 27 20:47:02	176.7	0.47	0.58	266.
2111	2013 JUN 28 04:47:06	177.6	0.47	0.42	267.
2112	2013 JUN 28 12:47:10	178.6	0.47	0.25	268.
2113	2013 JUN 28 20:47:13	179.5	0.47	0.09	269.
2114	2013 JUN 29 04:47:17	180.4	0.47	-0.07	270.
2115	2013 JUN 29 12:47:20	181.3	0.47	-0.23	271.
2116	2013 JUN 29 20:47:25	182.2	0.47	-0.39	273.
2117	2013 JUN 30 04:47:29	183.1	0.47	-0.55	274.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
2118	2013 JUN 30 12:47:32	184.1	0.47	-0.71	275.
2119	2013 JUN 30 20:47:36	185.0	0.47	-0.87	276.
2120	2013 JUL 01 04:47:39	185.9	0.47	-1.04	277.
2121	2013 JUL 01 12:47:43	186.8	0.47	-1.20	278.
2122	2013 JUL 01 20:47:46	187.7	0.47	-1.36	279.
2123	2013 JUL 02 04:47:50	188.7	0.47	-1.52	280.
2124	2013 JUL 02 12:47:53	189.6	0.47	-1.68	282.
2125	2013 JUL 02 20:47:57	190.5	0.46	-1.84	283.
2126	2013 JUL 03 04:48:02	191.4	0.46	-2.00	284.
2127	2013 JUL 03 12:48:06	192.4	0.46	-2.16	285.
2128	2013 JUL 03 20:48:09	193.3	0.46	-2.32	286.
2129	2013 JUL 04 04:48:13	194.2	0.46	-2.48	287.
2130	2013 JUL 04 12:48:16	195.2	0.46	-2.63	288.
2131	2013 JUL 04 20:48:20	196.1	0.46	-2.79	289.
2132	2013 JUL 05 04:48:25	197.0	0.46	-2.95	290.
2133	2013 JUL 05 12:48:29	198.0	0.46	-3.11	292.
2134	2013 JUL 05 20:48:32	198.9	0.46	-3.26	293.
2135	2013 JUL 06 04:48:37	199.9	0.46	-3.42	294.
2136	2013 JUL 06 12:48:41	200.8	0.46	-3.58	295.
2137	2013 JUL 06 20:48:44	201.7	0.46	-3.73	296.
2138	2013 JUL 07 04:48:48	202.7	0.46	-3.89	297.
2139	2013 JUL 07 12:48:53	203.7	0.46	-4.04	298.
2140	2013 JUL 07 20:48:57	204.6	0.46	-4.20	299.
2141	2013 JUL 08 04:49:00	205.6	0.46	-4.35	300.
2142	2013 JUL 08 12:49:06	206.5	0.45	-4.50	301.
2143	2013 JUL 08 20:49:09	207.5	0.45	-4.65	302.
2144	2013 JUL 09 04:49:14	208.5	0.45	-4.81	304.
2145	2013 JUL 09 12:49:18	209.5	0.45	-4.96	305.
2146	2013 JUL 09 20:49:23	210.5	0.45	-5.10	306.
2147	2013 JUL 10 04:49:27	211.4	0.45	-5.25	307.
2148	2013 JUL 10 12:49:30	212.4	0.45	-5.40	308.
2149	2013 JUL 10 20:49:35	213.4	0.45	-5.55	309.
2150	2013 JUL 11 04:49:39	214.4	0.45	-5.69	310.
2151	2013 JUL 11 12:49:44	215.4	0.45	-5.84	311.
2152	2013 JUL 11 20:49:48	216.4	0.44	-5.98	312.
2153	2013 JUL 12 04:49:53	217.5	0.44	-6.13	313.
2154	2013 JUL 12 12:49:58	218.5	0.44	-6.27	314.
2155	2013 JUL 12 20:50:02	219.5	0.44	-6.41	315.
2156	2013 JUL 13 04:50:07	220.5	0.44	-6.55	316.
2157	2013 JUL 13 12:50:11	221.6	0.44	-6.68	317.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2158	2013 JUL 13 20:50:16	222.6	0.44	-6.82	318.
2159	2013 JUL 14 04:50:19	223.7	0.44	-6.95	319.
2160	2013 JUL 14 12:50:25	224.7	0.43	-7.09	320.
2161	2013 JUL 14 20:50:30	225.8	0.43	-7.22	321.
2162	2013 JUL 15 04:50:33	226.9	0.43	-7.35	322.
2163	2013 JUL 15 12:50:39	227.9	0.43	-7.48	323.
2164	2013 JUL 15 20:50:44	229.0	0.43	-7.60	324.
2165	2013 JUL 16 04:50:47	230.1	0.43	-7.73	325.
2166	2013 JUL 16 12:50:53	231.2	0.43	-7.85	326.
2167	2013 JUL 16 20:50:58	232.3	0.42	-7.97	327.
2168	2013 JUL 17 04:51:02	233.4	0.42	-8.09	328.
2169	2013 JUL 17 12:51:07	234.6	0.42	-8.20	329.
2170	2013 JUL 17 20:51:12	235.7	0.42	-8.32	329.
2171	2013 JUL 18 04:51:17	236.8	0.42	-8.43	330.
2172	2013 JUL 18 12:51:21	238.0	0.42	-8.54	331.
2173	2013 JUL 18 20:51:26	239.2	0.41	-8.64	332.
2174	2013 JUL 19 04:51:31	240.3	0.41	-8.75	333.
2175	2013 JUL 19 12:51:37	241.5	0.41	-8.85	334.
2176	2013 JUL 19 20:51:40	242.7	0.41	-8.94	335.
2177	2013 JUL 20 04:51:45	243.9	0.41	-9.04	336.
2178	2013 JUL 20 12:51:51	245.1	0.41	-9.13	336.
2179	2013 JUL 20 20:51:56	246.3	0.40	-9.22	337.
2180	2013 JUL 21 04:52:01	247.6	0.40	-9.30	338.
2181	2013 JUL 21 12:52:07	248.8	0.40	-9.38	339.
2182	2013 JUL 21 20:52:10	250.1	0.40	-9.46	340.
2183	2013 JUL 22 04:52:15	251.3	0.40	-9.53	340.
2184	2013 JUL 22 12:52:21	252.6	0.39	-9.60	341.
2185	2013 JUL 22 20:52:26	253.9	0.39	-9.67	342.
2186	2013 JUL 23 04:52:31	255.2	0.39	-9.73	343.
2187	2013 JUL 23 12:52:38	256.5	0.39	-9.78	343.
2188	2013 JUL 23 20:52:43	257.8	0.39	-9.84	344.
2189	2013 JUL 24 04:52:49	259.2	0.39	-9.88	345.
2190	2013 JUL 24 12:52:54	260.5	0.38	-9.92	346.
2191	2013 JUL 24 20:52:59	261.9	0.38	-9.96	346.
2192	2013 JUL 25 04:53:06	263.3	0.38	-9.99	347.
2193	2013 JUL 25 12:53:12	264.7	0.38	-10.02	348.
2194	2013 JUL 25 20:53:17	266.1	0.38	-10.04	348.
2195	2013 JUL 26 04:53:24	267.5	0.37	-10.05	349.
2196	2013 JUL 26 12:53:29	268.9	0.37	-10.06	349.
2197	2013 JUL 26 20:53:36	270.4	0.37	-10.06	350.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2198	2013 JUL 27 04:53:42	271.8	0.37	-10.05	351.
2199	2013 JUL 27 12:53:49	273.3	0.37	-10.04	351.
2200	2013 JUL 27 20:53:54	274.8	0.36	-10.02	352.
2201	2013 JUL 28 04:54:01	276.3	0.36	-10.00	352.
2202	2013 JUL 28 12:54:08	277.9	0.36	-9.96	353.
2203	2013 JUL 28 20:54:15	279.4	0.36	-9.92	353.
2204	2013 JUL 29 04:54:20	281.0	0.36	-9.87	354.
2205	2013 JUL 29 12:54:27	282.6	0.35	-9.82	354.
2206	2013 JUL 29 20:54:34	284.2	0.35	-9.75	355.
2207	2013 JUL 30 04:54:41	285.8	0.35	-9.68	355.
2208	2013 JUL 30 12:54:48	287.4	0.35	-9.59	356.
2209	2013 JUL 30 20:54:55	289.1	0.35	-9.50	356.
2210	2013 JUL 31 04:55:02	290.7	0.35	-9.40	356.
2211	2013 JUL 31 12:55:09	292.4	0.34	-9.29	357.
2212	2013 JUL 31 20:55:18	294.1	0.34	-9.18	357.
2213	2013 AUG 01 04:55:25	295.8	0.34	-9.05	357.
2214	2013 AUG 01 12:55:32	297.6	0.34	-8.91	358.
2215	2013 AUG 01 20:55:39	299.3	0.34	-8.76	358.
2216	2013 AUG 02 04:55:48	301.1	0.34	-8.61	358.
2217	2013 AUG 02 12:55:55	302.9	0.33	-8.44	358.
2218	2013 AUG 02 20:56:04	304.7	0.33	-8.26	359.
2219	2013 AUG 03 04:56:11	306.5	0.33	-8.08	359.
2220	2013 AUG 03 12:56:20	308.4	0.33	-7.88	359.
2221	2013 AUG 03 20:56:27	310.3	0.33	-7.67	359.
2222	2013 AUG 04 04:56:36	312.1	0.33	-7.45	359.
2223	2013 AUG 04 12:56:43	314.0	0.32	-7.23	360.
2224	2013 AUG 04 20:56:51	315.9	0.32	-6.99	360.
2225	2013 AUG 05 04:57:00	317.9	0.32	-6.74	360.
2226	2013 AUG 05 12:57:07	319.8	0.32	-6.48	0.
2227	2013 AUG 05 20:57:16	321.8	0.32	-6.22	0.
2228	2013 AUG 06 04:57:23	323.7	0.32	-5.94	0.
2229	2013 AUG 06 12:57:32	325.7	0.32	-5.66	0.
2230	2013 AUG 06 20:57:41	327.7	0.32	-5.36	0.
2231	2013 AUG 07 04:57:48	329.8	0.31	-5.06	0.
2232	2013 AUG 07 12:57:56	331.8	0.31	-4.75	0.
2233	2013 AUG 07 20:58:05	333.8	0.31	-4.43	0.
2234	2013 AUG 08 04:58:12	335.9	0.31	-4.11	0.
2235	2013 AUG 08 12:58:21	337.9	0.31	-3.77	0.
2236	2013 AUG 08 20:58:28	340.0	0.31	-3.44	0.
2237	2013 AUG 09 04:58:37	342.1	0.31	-3.09	0.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2238	2013 AUG 09 12:58:46	344.2	0.31	-2.74	0.
2239	2013 AUG 09 20:58:53	346.3	0.31	-2.38	0.
2240	2013 AUG 10 04:59:01	348.4	0.31	-2.02	0.
2241	2013 AUG 10 12:59:10	350.5	0.31	-1.66	0.
2242	2013 AUG 10 20:59:17	352.6	0.31	-1.30	0.
2243	2013 AUG 11 04:59:26	354.7	0.31	-0.93	360.
2244	2013 AUG 11 12:59:33	356.8	0.31	-0.56	360.
2245	2013 AUG 11 20:59:42	358.9	0.31	-0.19	360.
2246	2013 AUG 12 04:59:51	1.1	0.31	0.19	360.
2247	2013 AUG 12 12:59:58	3.2	0.31	0.56	360.
2248	2013 AUG 12 21:00:06	5.3	0.31	0.93	360.
2249	2013 AUG 13 05:00:15	7.4	0.31	1.30	360.
2250	2013 AUG 13 13:00:22	9.5	0.31	1.66	359.
2251	2013 AUG 13 21:00:31	11.6	0.31	2.02	359.
2252	2013 AUG 14 05:00:38	13.7	0.31	2.38	359.
2253	2013 AUG 14 13:00:47	15.8	0.31	2.74	359.
2254	2013 AUG 14 21:00:54	17.9	0.31	3.09	359.
2255	2013 AUG 15 05:01:03	20.0	0.31	3.43	359.
2256	2013 AUG 15 13:01:12	22.1	0.31	3.77	359.
2257	2013 AUG 15 21:01:19	24.1	0.31	4.11	359.
2258	2013 AUG 16 05:01:27	26.2	0.31	4.43	359.
2259	2013 AUG 16 13:01:34	28.2	0.31	4.75	359.
2260	2013 AUG 16 21:01:43	30.3	0.31	5.06	359.
2261	2013 AUG 17 05:01:52	32.3	0.32	5.36	359.
2262	2013 AUG 17 13:01:59	34.3	0.32	5.66	359.
2263	2013 AUG 17 21:02:08	36.3	0.32	5.94	359.
2264	2013 AUG 18 05:02:15	38.2	0.32	6.22	359.
2265	2013 AUG 18 13:02:24	40.2	0.32	6.48	360.
2266	2013 AUG 18 21:02:31	42.1	0.32	6.74	360.
2267	2013 AUG 19 05:02:39	44.1	0.32	6.99	360.
2268	2013 AUG 19 13:02:48	46.0	0.32	7.23	360.
2269	2013 AUG 19 21:02:55	47.9	0.33	7.45	0.
2270	2013 AUG 20 05:03:04	49.8	0.33	7.67	0.
2271	2013 AUG 20 13:03:11	51.6	0.33	7.88	0.
2272	2013 AUG 20 21:03:20	53.5	0.33	8.07	1.
2273	2013 AUG 21 05:03:29	55.3	0.33	8.26	1.
2274	2013 AUG 21 13:03:36	57.1	0.33	8.44	1.
2275	2013 AUG 21 21:03:44	58.9	0.34	8.61	1.
2276	2013 AUG 22 05:03:51	60.7	0.34	8.76	2.
2277	2013 AUG 22 13:04:00	62.4	0.34	8.91	2.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
2278	2013 AUG 22 21:04:09	64.2	0.34	9.05	2.
2279	2013 AUG 23 05:04:16	65.9	0.34	9.18	3.
2280	2013 AUG 23 13:04:25	67.6	0.34	9.29	3.
2281	2013 AUG 23 21:04:32	69.3	0.35	9.40	3.
2282	2013 AUG 24 05:04:41	71.0	0.35	9.50	4.
2283	2013 AUG 24 13:04:48	72.6	0.35	9.59	4.
2284	2013 AUG 24 21:04:57	74.2	0.35	9.68	4.
2285	2013 AUG 25 05:05:04	75.9	0.35	9.75	5.
2286	2013 AUG 25 13:05:11	77.5	0.35	9.82	5.
2287	2013 AUG 25 21:05:19	79.0	0.36	9.87	6.
2288	2013 AUG 26 05:05:26	80.6	0.36	9.92	6.
2289	2013 AUG 26 13:05:33	82.2	0.36	9.96	7.
2290	2013 AUG 26 21:05:40	83.7	0.36	10.00	7.
2291	2013 AUG 27 05:05:47	85.2	0.36	10.02	8.
2292	2013 AUG 27 13:05:55	86.7	0.37	10.04	8.
2293	2013 AUG 27 21:06:02	88.2	0.37	10.05	9.
2294	2013 AUG 28 05:06:09	89.7	0.37	10.06	10.
2295	2013 AUG 28 13:06:16	91.1	0.37	10.06	10.
2296	2013 AUG 28 21:06:23	92.6	0.37	10.05	11.
2297	2013 AUG 29 05:06:30	94.0	0.38	10.04	11.
2298	2013 AUG 29 13:06:37	95.4	0.38	10.02	12.
2299	2013 AUG 29 21:06:42	96.8	0.38	9.99	13.
2300	2013 AUG 30 05:06:49	98.2	0.38	9.96	13.
2301	2013 AUG 30 13:06:56	99.5	0.38	9.92	14.
2302	2013 AUG 30 21:07:01	100.9	0.39	9.88	15.
2303	2013 AUG 31 05:07:08	102.2	0.39	9.84	15.
2304	2013 AUG 31 13:07:14	103.5	0.39	9.78	16.
2305	2013 AUG 31 21:07:21	104.9	0.39	9.73	17.
2306	2013 SEP 01 05:07:26	106.2	0.39	9.67	18.
2307	2013 SEP 01 13:07:33	107.4	0.39	9.60	18.
2308	2013 SEP 01 21:07:38	108.7	0.40	9.53	19.
2309	2013 SEP 02 05:07:43	110.0	0.40	9.46	20.
2310	2013 SEP 02 13:07:49	111.2	0.40	9.38	21.
2311	2013 SEP 02 21:07:56	112.5	0.40	9.30	21.
2312	2013 SEP 03 05:08:01	113.7	0.40	9.22	22.
2313	2013 SEP 03 13:08:06	114.9	0.41	9.13	23.
2314	2013 SEP 03 21:08:12	116.1	0.41	9.04	24.
2315	2013 SEP 04 05:08:17	117.3	0.41	8.94	25.
2316	2013 SEP 04 13:08:22	118.5	0.41	8.85	26.
2317	2013 SEP 04 21:08:27	119.7	0.41	8.75	27.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2318	2013 SEP 05 05:08:33	120.9	0.41	8.64	27.
2319	2013 SEP 05 13:08:38	122.0	0.42	8.54	28.
2320	2013 SEP 05 21:08:43	123.2	0.42	8.43	29.
2321	2013 SEP 06 05:08:49	124.3	0.42	8.32	30.
2322	2013 SEP 06 13:08:54	125.4	0.42	8.20	31.
2323	2013 SEP 06 21:08:59	126.6	0.42	8.09	32.
2324	2013 SEP 07 05:09:04	127.7	0.42	7.97	33.
2325	2013 SEP 07 13:09:10	128.8	0.43	7.85	34.
2326	2013 SEP 07 21:09:15	129.9	0.43	7.73	35.
2327	2013 SEP 08 05:09:20	131.0	0.43	7.60	36.
2328	2013 SEP 08 13:09:25	132.1	0.43	7.48	37.
2329	2013 SEP 08 21:09:29	133.2	0.43	7.35	38.
2330	2013 SEP 09 05:09:34	134.2	0.43	7.22	39.
2331	2013 SEP 09 13:09:40	135.3	0.43	7.09	40.
2332	2013 SEP 09 21:09:45	136.3	0.44	6.95	41.
2333	2013 SEP 10 05:09:50	137.4	0.44	6.82	42.
2334	2013 SEP 10 13:09:54	138.4	0.44	6.68	43.
2335	2013 SEP 10 21:09:59	139.5	0.44	6.55	44.
2336	2013 SEP 11 05:10:04	140.5	0.44	6.41	45.
2337	2013 SEP 11 13:10:09	141.5	0.44	6.27	46.
2338	2013 SEP 11 21:10:13	142.6	0.44	6.13	47.
2339	2013 SEP 12 05:10:18	143.6	0.44	5.98	48.
2340	2013 SEP 12 13:10:23	144.6	0.45	5.84	49.
2341	2013 SEP 12 21:10:27	145.6	0.45	5.69	50.
2342	2013 SEP 13 05:10:32	146.6	0.45	5.55	51.
2343	2013 SEP 13 13:10:38	147.6	0.45	5.40	52.
2344	2013 SEP 13 21:10:41	148.6	0.45	5.25	53.
2345	2013 SEP 14 05:10:46	149.6	0.45	5.11	54.
2346	2013 SEP 14 13:10:52	150.5	0.45	4.96	55.
2347	2013 SEP 14 21:10:55	151.5	0.45	4.81	56.
2348	2013 SEP 15 05:11:00	152.5	0.45	4.65	57.
2349	2013 SEP 15 13:11:04	153.5	0.45	4.50	58.
2350	2013 SEP 15 21:11:09	154.4	0.46	4.35	59.
2351	2013 SEP 16 05:11:13	155.4	0.46	4.20	60.
2352	2013 SEP 16 13:11:18	156.3	0.46	4.04	61.
2353	2013 SEP 16 21:11:21	157.3	0.46	3.89	63.
2354	2013 SEP 17 05:11:25	158.3	0.46	3.73	64.
2355	2013 SEP 17 13:11:30	159.2	0.46	3.58	65.
2356	2013 SEP 17 21:11:34	160.1	0.46	3.42	66.
2357	2013 SEP 18 05:11:39	161.1	0.46	3.26	67.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2358	2013 SEP 18 13:11:43	162.0	0.46	3.11	68.
2359	2013 SEP 18 21:11:46	163.0	0.46	2.95	69.
2360	2013 SEP 19 05:11:51	163.9	0.46	2.79	70.
2361	2013 SEP 19 13:11:55	164.8	0.46	2.63	71.
2362	2013 SEP 19 21:11:58	165.8	0.46	2.48	72.
2363	2013 SEP 20 05:12:02	166.7	0.46	2.32	74.
2364	2013 SEP 20 13:12:07	167.6	0.46	2.16	75.
2365	2013 SEP 20 21:12:11	168.6	0.46	2.00	76.
2366	2013 SEP 21 05:12:14	169.5	0.46	1.84	77.
2367	2013 SEP 21 13:12:18	170.4	0.47	1.68	78.
2368	2013 SEP 21 21:12:23	171.3	0.47	1.52	79.
2369	2013 SEP 22 05:12:27	172.3	0.47	1.36	80.
2370	2013 SEP 22 13:12:30	173.2	0.47	1.20	81.
2371	2013 SEP 22 21:12:34	174.1	0.47	1.04	83.
2372	2013 SEP 23 05:12:37	175.0	0.47	0.87	84.
2373	2013 SEP 23 13:12:42	175.9	0.47	0.71	85.
2374	2013 SEP 23 21:12:46	176.9	0.47	0.55	86.
2375	2013 SEP 24 05:12:49	177.8	0.47	0.39	87.
2376	2013 SEP 24 13:12:53	178.7	0.47	0.23	88.
2377	2013 SEP 24 21:12:56	179.6	0.47	0.07	89.
2378	2013 SEP 25 05:13:00	180.5	0.47	-0.09	90.
2379	2013 SEP 25 13:13:03	181.4	0.47	-0.25	92.
2380	2013 SEP 25 21:13:09	182.4	0.47	-0.41	93.
2381	2013 SEP 26 05:13:12	183.3	0.47	-0.58	94.
2382	2013 SEP 26 13:13:16	184.2	0.47	-0.74	95.
2383	2013 SEP 26 21:13:19	185.1	0.47	-0.90	96.
2384	2013 SEP 27 05:13:23	186.0	0.47	-1.06	97.
2385	2013 SEP 27 13:13:26	187.0	0.47	-1.22	98.
2386	2013 SEP 27 21:13:30	187.9	0.47	-1.38	99.
2387	2013 SEP 28 05:13:33	188.8	0.47	-1.54	101.
2388	2013 SEP 28 13:13:39	189.7	0.46	-1.70	102.
2389	2013 SEP 28 21:13:42	190.6	0.46	-1.86	103.
2390	2013 SEP 29 05:13:46	191.6	0.46	-2.02	104.
2391	2013 SEP 29 13:13:49	192.5	0.46	-2.18	105.
2392	2013 SEP 29 21:13:53	193.4	0.46	-2.34	106.
2393	2013 SEP 30 05:13:56	194.4	0.46	-2.50	107.
2394	2013 SEP 30 13:14:01	195.3	0.46	-2.66	108.
2395	2013 SEP 30 21:14:05	196.2	0.46	-2.82	109.
2396	2013 OCT 01 05:14:08	197.2	0.46	-2.97	111.
2397	2013 OCT 01 13:14:12	198.1	0.46	-3.13	112.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2398	2013 OCT 01 21:14:15	199.0	0.46	-3.29	113.
2399	2013 OCT 02 05:14:21	200.0	0.46	-3.44	114.
2400	2013 OCT 02 13:14:24	200.9	0.46	-3.60	115.
2401	2013 OCT 02 21:14:28	201.9	0.46	-3.76	116.
2402	2013 OCT 03 05:14:31	202.8	0.46	-3.91	117.
2403	2013 OCT 03 13:14:37	203.8	0.46	-4.06	118.
2404	2013 OCT 03 21:14:40	204.8	0.46	-4.22	119.
2405	2013 OCT 04 05:14:44	205.7	0.45	-4.37	120.
2406	2013 OCT 04 13:14:49	206.7	0.45	-4.52	122.
2407	2013 OCT 04 21:14:52	207.7	0.45	-4.68	123.
2408	2013 OCT 05 05:14:56	208.6	0.45	-4.83	124.
2409	2013 OCT 05 13:15:01	209.6	0.45	-4.98	125.
2410	2013 OCT 05 21:15:05	210.6	0.45	-5.13	126.
2411	2013 OCT 06 05:15:08	211.6	0.45	-5.28	127.
2412	2013 OCT 06 13:15:13	212.6	0.45	-5.42	128.
2413	2013 OCT 06 21:15:17	213.6	0.45	-5.57	129.
2414	2013 OCT 07 05:15:22	214.6	0.45	-5.72	130.
2415	2013 OCT 07 13:15:26	215.6	0.45	-5.86	131.
2416	2013 OCT 07 21:15:29	216.6	0.44	-6.00	132.
2417	2013 OCT 08 05:15:35	217.6	0.44	-6.15	133.
2418	2013 OCT 08 13:15:38	218.6	0.44	-6.29	134.
2419	2013 OCT 08 21:15:43	219.7	0.44	-6.43	135.
2420	2013 OCT 09 05:15:47	220.7	0.44	-6.57	136.
2421	2013 OCT 09 13:15:52	221.7	0.44	-6.70	137.
2422	2013 OCT 09 21:15:56	222.8	0.44	-6.84	138.
2423	2013 OCT 10 05:16:01	223.8	0.44	-6.97	139.
2424	2013 OCT 10 13:16:04	224.9	0.43	-7.11	140.
2425	2013 OCT 10 21:16:10	226.0	0.43	-7.24	141.
2426	2013 OCT 11 05:16:13	227.0	0.43	-7.37	142.
2427	2013 OCT 11 13:16:19	228.1	0.43	-7.49	143.
2428	2013 OCT 11 21:16:22	229.2	0.43	-7.62	144.
2429	2013 OCT 12 05:16:27	230.3	0.43	-7.74	145.
2430	2013 OCT 12 13:16:33	231.4	0.43	-7.87	146.
2431	2013 OCT 12 21:16:36	232.5	0.42	-7.99	147.
2432	2013 OCT 13 05:16:41	233.6	0.42	-8.10	148.
2433	2013 OCT 13 13:16:45	234.7	0.42	-8.22	149.
2434	2013 OCT 13 21:16:50	235.9	0.42	-8.33	150.
2435	2013 OCT 14 05:16:54	237.0	0.42	-8.44	151.
2436	2013 OCT 14 13:16:59	238.2	0.42	-8.55	151.
2437	2013 OCT 14 21:17:04	239.3	0.41	-8.66	152.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2438	2013 OCT 15 05:17:08	240.5	0.41	-8.76	153.
2439	2013 OCT 15 13:17:13	241.7	0.41	-8.86	154.
2440	2013 OCT 15 21:17:18	242.9	0.41	-8.96	155.
2441	2013 OCT 16 05:17:22	244.1	0.41	-9.05	156.
2442	2013 OCT 16 13:17:27	245.3	0.41	-9.14	157.
2443	2013 OCT 16 21:17:32	246.5	0.40	-9.23	157.
2444	2013 OCT 17 05:17:38	247.7	0.40	-9.31	158.
2445	2013 OCT 17 13:17:43	249.0	0.40	-9.39	159.
2446	2013 OCT 17 21:17:48	250.2	0.40	-9.47	160.
2447	2013 OCT 18 05:17:53	251.5	0.40	-9.54	161.
2448	2013 OCT 18 13:17:59	252.8	0.39	-9.61	161.
2449	2013 OCT 18 21:18:04	254.1	0.39	-9.68	162.
2450	2013 OCT 19 05:18:09	255.4	0.39	-9.74	163.
2451	2013 OCT 19 13:18:15	256.7	0.39	-9.79	164.
2452	2013 OCT 19 21:18:20	258.0	0.39	-9.84	164.
2453	2013 OCT 20 05:18:25	259.4	0.39	-9.89	165.
2454	2013 OCT 20 13:18:30	260.7	0.38	-9.93	166.
2455	2013 OCT 20 21:18:36	262.1	0.38	-9.97	166.
2456	2013 OCT 21 05:18:43	263.5	0.38	-10.00	167.
2457	2013 OCT 21 13:18:48	264.9	0.38	-10.02	168.
2458	2013 OCT 21 21:18:53	266.3	0.38	-10.04	168.
2459	2013 OCT 22 05:19:00	267.7	0.37	-10.05	169.
2460	2013 OCT 22 13:19:06	269.1	0.37	-10.06	170.
2461	2013 OCT 22 21:19:13	270.6	0.37	-10.06	170.
2462	2013 OCT 23 05:19:18	272.1	0.37	-10.05	171.
2463	2013 OCT 23 13:19:25	273.5	0.37	-10.04	171.
2464	2013 OCT 23 21:19:32	275.0	0.36	-10.02	172.
2465	2013 OCT 24 05:19:37	276.6	0.36	-9.99	172.
2466	2013 OCT 24 13:19:44	278.1	0.36	-9.96	173.
2467	2013 OCT 24 21:19:51	279.7	0.36	-9.91	173.
2468	2013 OCT 25 05:19:58	281.2	0.36	-9.86	174.
2469	2013 OCT 25 13:20:05	282.8	0.35	-9.81	174.
2470	2013 OCT 25 21:20:12	284.4	0.35	-9.74	175.
2471	2013 OCT 26 05:20:19	286.0	0.35	-9.67	175.
2472	2013 OCT 26 13:20:26	287.7	0.35	-9.58	176.
2473	2013 OCT 26 21:20:33	289.3	0.35	-9.49	176.
2474	2013 OCT 27 05:20:40	291.0	0.35	-9.39	176.
2475	2013 OCT 27 13:20:47	292.7	0.34	-9.28	177.
2476	2013 OCT 27 21:20:55	294.4	0.34	-9.16	177.
2477	2013 OCT 28 05:21:03	296.1	0.34	-9.03	177.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2478	2013 OCT 28 13:21:10	297.8	0.34	-8.89	178.
2479	2013 OCT 28 21:21:17	299.6	0.34	-8.74	178.
2480	2013 OCT 29 05:21:26	301.4	0.33	-8.58	178.
2481	2013 OCT 29 13:21:33	303.2	0.33	-8.41	179.
2482	2013 OCT 29 21:21:42	305.0	0.33	-8.24	179.
2483	2013 OCT 30 05:21:49	306.8	0.33	-8.05	179.
2484	2013 OCT 30 13:21:58	308.7	0.33	-7.85	179.
2485	2013 OCT 30 21:22:07	310.5	0.33	-7.64	179.
2486	2013 OCT 31 05:22:14	312.4	0.33	-7.42	180.
2487	2013 OCT 31 13:22:22	314.3	0.32	-7.19	180.
2488	2013 OCT 31 21:22:29	316.2	0.32	-6.95	180.
2489	2013 NOV 01 05:22:38	318.2	0.32	-6.70	180.
2490	2013 NOV 01 13:22:47	320.1	0.32	-6.45	180.
2491	2013 NOV 01 21:22:56	322.1	0.32	-6.18	180.
2492	2013 NOV 02 05:23:03	324.0	0.32	-5.90	180.
2493	2013 NOV 02 13:23:12	326.0	0.32	-5.61	180.
2494	2013 NOV 02 21:23:20	328.0	0.32	-5.32	180.
2495	2013 NOV 03 05:23:27	330.0	0.31	-5.02	180.
2496	2013 NOV 03 13:23:36	332.1	0.31	-4.70	180.
2497	2013 NOV 03 21:23:45	334.1	0.31	-4.39	180.
2498	2013 NOV 04 05:23:52	336.2	0.31	-4.06	180.
2499	2013 NOV 04 13:24:01	338.2	0.31	-3.72	180.
2500	2013 NOV 04 21:24:08	340.3	0.31	-3.38	180.
2501	2013 NOV 05 05:24:17	342.4	0.31	-3.04	180.
2502	2013 NOV 05 13:24:25	344.5	0.31	-2.69	180.
2503	2013 NOV 05 21:24:32	346.6	0.31	-2.33	180.
2504	2013 NOV 06 05:24:41	348.7	0.31	-1.97	180.
2505	2013 NOV 06 13:24:48	350.8	0.31	-1.61	180.
2506	2013 NOV 06 21:24:57	352.9	0.31	-1.24	180.
2507	2013 NOV 07 05:25:06	355.0	0.31	-0.87	180.
2508	2013 NOV 07 13:25:13	357.1	0.31	-0.50	180.
2509	2013 NOV 07 21:25:22	359.2	0.31	-0.13	180.
2510	2013 NOV 08 05:25:29	1.4	0.31	0.24	180.
2511	2013 NOV 08 13:25:38	3.5	0.31	0.61	180.
2512	2013 NOV 08 21:25:46	5.6	0.31	0.98	180.
2513	2013 NOV 09 05:25:53	7.7	0.31	1.35	180.
2514	2013 NOV 09 13:26:02	9.8	0.31	1.71	179.
2515	2013 NOV 09 21:26:09	11.9	0.31	2.08	179.
2516	2013 NOV 10 05:26:18	14.0	0.31	2.44	179.
2517	2013 NOV 10 13:26:25	16.1	0.31	2.79	179.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2518	2013 NOV 10 21:26:34	18.2	0.31	3.14	179.
2519	2013 NOV 11 05:26:41	20.3	0.31	3.48	179.
2520	2013 NOV 11 13:26:50	22.4	0.31	3.82	179.
2521	2013 NOV 11 21:26:57	24.4	0.31	4.15	179.
2522	2013 NOV 12 05:27:05	26.5	0.31	4.48	179.
2523	2013 NOV 12 13:27:12	28.5	0.31	4.80	179.
2524	2013 NOV 12 21:27:21	30.6	0.31	5.10	179.
2525	2013 NOV 13 05:27:28	32.6	0.32	5.41	179.
2526	2013 NOV 13 13:27:35	34.6	0.32	5.70	179.
2527	2013 NOV 13 21:27:44	36.6	0.32	5.98	179.
2528	2013 NOV 14 05:27:51	38.5	0.32	6.26	179.
2529	2013 NOV 14 13:28:00	40.5	0.32	6.52	180.
2530	2013 NOV 14 21:28:07	42.4	0.32	6.78	180.
2531	2013 NOV 15 05:28:16	44.4	0.32	7.02	180.
2532	2013 NOV 15 13:28:23	46.3	0.32	7.26	180.
2533	2013 NOV 15 21:28:32	48.2	0.33	7.48	180.
2534	2013 NOV 16 05:28:39	50.0	0.33	7.70	180.
2535	2013 NOV 16 13:28:47	51.9	0.33	7.91	180.
2536	2013 NOV 16 21:28:54	53.7	0.33	8.10	181.
2537	2013 NOV 17 05:29:03	55.6	0.33	8.29	181.
2538	2013 NOV 17 13:29:10	57.4	0.33	8.46	181.
2539	2013 NOV 17 21:29:19	59.2	0.34	8.63	181.
2540	2013 NOV 18 05:29:26	60.9	0.34	8.78	182.
2541	2013 NOV 18 13:29:35	62.7	0.34	8.93	182.
2542	2013 NOV 18 21:29:42	64.4	0.34	9.07	182.
2543	2013 NOV 19 05:29:51	66.2	0.34	9.19	183.
2544	2013 NOV 19 13:29:58	67.9	0.34	9.31	183.
2545	2013 NOV 19 21:30:06	69.5	0.35	9.42	183.
2546	2013 NOV 20 05:30:13	71.2	0.35	9.52	184.
2547	2013 NOV 20 13:30:22	72.9	0.35	9.61	184.
2548	2013 NOV 20 21:30:29	74.5	0.35	9.69	185.
2549	2013 NOV 21 05:30:38	76.1	0.35	9.76	185.
2550	2013 NOV 21 13:30:45	77.7	0.36	9.82	185.
2551	2013 NOV 21 21:30:54	79.3	0.36	9.88	186.
2552	2013 NOV 22 05:31:01	80.8	0.36	9.93	186.
2553	2013 NOV 22 13:31:08	82.4	0.36	9.97	187.
2554	2013 NOV 22 21:31:15	83.9	0.36	10.00	187.
2555	2013 NOV 23 05:31:24	85.4	0.36	10.03	188.
2556	2013 NOV 23 13:31:31	86.9	0.37	10.04	188.
2557	2013 NOV 23 21:31:38	88.4	0.37	10.05	189.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2558	2013 NOV 24 05:31:45	89.9	0.37	10.06	190.
2559	2013 NOV 24 13:31:52	91.3	0.37	10.06	190.
2560	2013 NOV 24 21:31:59	92.8	0.37	10.05	191.
2561	2013 NOV 25 05:32:06	94.2	0.38	10.03	191.
2562	2013 NOV 25 13:32:13	95.6	0.38	10.01	192.
2563	2013 NOV 25 21:32:20	97.0	0.38	9.99	193.
2564	2013 NOV 26 05:32:25	98.4	0.38	9.95	193.
2565	2013 NOV 26 13:32:32	99.7	0.38	9.92	194.
2566	2013 NOV 26 21:32:39	101.1	0.39	9.88	195.
2567	2013 NOV 27 05:32:45	102.4	0.39	9.83	195.
2568	2013 NOV 27 13:32:52	103.7	0.39	9.78	196.
2569	2013 NOV 27 21:32:59	105.0	0.39	9.72	197.
2570	2013 NOV 28 05:33:04	106.3	0.39	9.66	198.
2571	2013 NOV 28 13:33:11	107.6	0.40	9.59	198.
2572	2013 NOV 28 21:33:16	108.9	0.40	9.52	199.
2573	2013 NOV 29 05:33:22	110.2	0.40	9.45	200.
2574	2013 NOV 29 13:33:29	111.4	0.40	9.37	201.
2575	2013 NOV 29 21:33:34	112.7	0.40	9.29	202.
2576	2013 NOV 30 05:33:41	113.9	0.40	9.21	202.
2577	2013 NOV 30 13:33:46	115.1	0.41	9.12	203.
2578	2013 NOV 30 21:33:51	116.3	0.41	9.03	204.
2579	2013 DEC 01 05:33:57	117.5	0.41	8.93	205.
2580	2013 DEC 01 13:34:04	118.7	0.41	8.83	206.
2581	2013 DEC 01 21:34:09	119.9	0.41	8.73	207.
2582	2013 DEC 02 05:34:14	121.0	0.41	8.63	208.
2583	2013 DEC 02 13:34:20	122.2	0.42	8.52	208.
2584	2013 DEC 02 21:34:25	123.3	0.42	8.41	209.
2585	2013 DEC 03 05:34:32	124.5	0.42	8.30	210.
2586	2013 DEC 03 13:34:37	125.6	0.42	8.19	211.
2587	2013 DEC 03 21:34:42	126.7	0.42	8.07	212.
2588	2013 DEC 04 05:34:48	127.9	0.42	7.95	213.
2589	2013 DEC 04 13:34:53	129.0	0.43	7.83	214.
2590	2013 DEC 04 21:34:58	130.1	0.43	7.71	215.
2591	2013 DEC 05 05:35:05	131.1	0.43	7.58	216.
2592	2013 DEC 05 13:35:11	132.2	0.43	7.46	217.
2593	2013 DEC 05 21:35:16	133.3	0.43	7.33	218.
2594	2013 DEC 06 05:35:21	134.4	0.43	7.20	219.
2595	2013 DEC 06 13:35:26	135.4	0.43	7.07	220.
2596	2013 DEC 06 21:35:32	136.5	0.44	6.93	221.
2597	2013 DEC 07 05:35:37	137.5	0.44	6.80	222.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2598	2013 DEC 07 13:35:44	138.6	0.44	6.66	223.
2599	2013 DEC 07 21:35:49	139.6	0.44	6.53	224.
2600	2013 DEC 08 05:35:55	140.7	0.44	6.39	225.
2601	2013 DEC 08 13:36:00	141.7	0.44	6.25	226.
2602	2013 DEC 08 21:36:05	142.7	0.44	6.10	227.
2603	2013 DEC 09 05:36:10	143.7	0.44	5.96	228.
2604	2013 DEC 09 13:36:16	144.7	0.45	5.82	229.
2605	2013 DEC 09 21:36:21	145.7	0.45	5.67	230.
2606	2013 DEC 10 05:36:26	146.7	0.45	5.53	231.
2607	2013 DEC 10 13:36:31	147.7	0.45	5.38	232.
2608	2013 DEC 10 21:36:37	148.7	0.45	5.23	233.
2609	2013 DEC 11 05:36:42	149.7	0.45	5.08	234.
2610	2013 DEC 11 13:36:47	150.7	0.45	4.93	235.
2611	2013 DEC 11 21:36:53	151.7	0.45	4.78	236.
2612	2013 DEC 12 05:36:58	152.6	0.45	4.63	237.
2613	2013 DEC 12 13:37:03	153.6	0.45	4.48	238.
2614	2013 DEC 12 21:37:08	154.6	0.46	4.33	239.
2615	2013 DEC 13 05:37:14	155.5	0.46	4.17	241.
2616	2013 DEC 13 13:37:17	156.5	0.46	4.02	242.
2617	2013 DEC 13 21:37:22	157.4	0.46	3.87	243.
2618	2013 DEC 14 05:37:28	158.4	0.46	3.71	244.
2619	2013 DEC 14 13:37:33	159.3	0.46	3.55	245.
2620	2013 DEC 14 21:37:38	160.3	0.46	3.40	246.
2621	2013 DEC 15 05:37:43	161.2	0.46	3.24	247.
2622	2013 DEC 15 13:37:49	162.2	0.46	3.08	248.
2623	2013 DEC 15 21:37:52	163.1	0.46	2.93	249.
2624	2013 DEC 16 05:37:58	164.0	0.46	2.77	250.
2625	2013 DEC 16 13:38:03	165.0	0.46	2.61	252.
2626	2013 DEC 16 21:38:08	165.9	0.46	2.45	253.
2627	2013 DEC 17 05:38:13	166.8	0.46	2.29	254.
2628	2013 DEC 17 13:38:17	167.8	0.46	2.13	255.
2629	2013 DEC 17 21:38:22	168.7	0.46	1.97	256.
2630	2013 DEC 18 05:38:27	169.6	0.46	1.81	257.
2631	2013 DEC 18 13:38:33	170.5	0.47	1.65	258.
2632	2013 DEC 18 21:38:38	171.5	0.47	1.49	259.
2633	2013 DEC 19 05:38:42	172.4	0.47	1.33	260.
2634	2013 DEC 19 13:38:47	173.3	0.47	1.17	262.
2635	2013 DEC 19 21:38:52	174.2	0.47	1.01	263.
2636	2013 DEC 20 05:38:57	175.2	0.47	0.85	264.
2637	2013 DEC 20 13:39:03	176.1	0.47	0.69	265.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2638	2013 DEC 20 21:39:06	177.0	0.47	0.53	266.
2639	2013 DEC 21 05:39:11	177.9	0.47	0.37	267.
2640	2013 DEC 21 13:39:17	178.8	0.47	0.21	268.
2641	2013 DEC 21 21:39:22	179.7	0.47	0.05	269.
2642	2013 DEC 22 05:39:27	180.7	0.47	-0.12	271.
2643	2013 DEC 22 13:39:32	181.6	0.47	-0.28	272.
2644	2013 DEC 22 21:39:36	182.5	0.47	-0.44	273.
2645	2013 DEC 23 05:39:41	183.4	0.47	-0.60	274.
2646	2013 DEC 23 13:39:47	184.3	0.47	-0.76	275.
2647	2013 DEC 23 21:39:52	185.2	0.47	-0.92	276.
2648	2013 DEC 24 05:39:57	186.2	0.47	-1.08	277.
2649	2013 DEC 24 13:40:02	187.1	0.47	-1.24	278.
2650	2013 DEC 24 21:40:08	188.0	0.47	-1.40	280.
2651	2013 DEC 25 05:40:13	188.9	0.47	-1.56	281.
2652	2013 DEC 25 13:40:18	189.9	0.46	-1.72	282.
2653	2013 DEC 25 21:40:23	190.8	0.46	-1.88	283.
2654	2013 DEC 26 05:40:29	191.7	0.46	-2.04	284.
2655	2013 DEC 26 13:40:34	192.6	0.46	-2.20	285.
2656	2013 DEC 26 21:40:39	193.6	0.46	-2.36	286.
2657	2013 DEC 27 05:40:45	194.5	0.46	-2.52	287.
2658	2013 DEC 27 13:40:50	195.4	0.46	-2.68	289.
2659	2013 DEC 27 21:40:55	196.4	0.46	-2.84	290.
2660	2013 DEC 28 05:41:00	197.3	0.46	-3.00	291.
2661	2013 DEC 28 13:41:07	198.2	0.46	-3.15	292.
2662	2013 DEC 28 21:41:13	199.2	0.46	-3.31	293.
2663	2013 DEC 29 05:41:18	200.1	0.46	-3.47	294.
2664	2013 DEC 29 13:41:23	201.1	0.46	-3.62	295.
2665	2013 DEC 29 21:41:30	202.0	0.46	-3.78	296.
2666	2013 DEC 30 05:41:36	203.0	0.46	-3.93	297.
2667	2013 DEC 30 13:41:41	203.9	0.46	-4.09	298.
2668	2013 DEC 30 21:41:46	204.9	0.46	-4.24	300.
2669	2013 DEC 31 05:41:53	205.9	0.45	-4.39	301.
2670	2013 DEC 31 13:41:58	206.8	0.45	-4.55	302.
2671	2013 DEC 31 21:42:04	207.8	0.45	-4.70	303.
2672	2014 JAN 01 05:42:11	208.8	0.45	-4.85	304.
2673	2014 JAN 01 13:42:16	209.8	0.45	-5.00	305.
2674	2014 JAN 01 21:42:21	210.7	0.45	-5.15	306.
2675	2014 JAN 02 05:42:28	211.7	0.45	-5.30	307.
2676	2014 JAN 02 13:42:34	212.7	0.45	-5.44	308.
2677	2014 JAN 02 21:42:41	213.7	0.45	-5.59	309.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2678	2014 JAN 03 05:42:46	214.7	0.45	-5.74	310.
2679	2014 JAN 03 13:42:53	215.7	0.44	-5.88	311.
2680	2014 JAN 03 21:42:58	216.7	0.44	-6.02	312.
2681	2014 JAN 04 05:43:03	217.8	0.44	-6.17	313.
2682	2014 JAN 04 13:43:10	218.8	0.44	-6.31	314.
2683	2014 JAN 04 21:43:16	219.8	0.44	-6.45	315.
2684	2014 JAN 05 05:43:23	220.8	0.44	-6.59	316.
2685	2014 JAN 05 13:43:30	221.9	0.44	-6.72	317.
2686	2014 JAN 05 21:43:35	222.9	0.44	-6.86	318.
2687	2014 JAN 06 05:43:42	224.0	0.44	-6.99	319.
2688	2014 JAN 06 13:43:47	225.0	0.43	-7.13	320.
2689	2014 JAN 06 21:43:54	226.1	0.43	-7.26	321.
2690	2014 JAN 07 05:44:00	227.2	0.43	-7.39	322.
2691	2014 JAN 07 13:44:07	228.3	0.43	-7.51	323.
2692	2014 JAN 07 21:44:14	229.4	0.43	-7.64	324.
2693	2014 JAN 08 05:44:19	230.4	0.43	-7.76	325.
2694	2014 JAN 08 13:44:26	231.5	0.42	-7.88	326.
2695	2014 JAN 08 21:44:33	232.7	0.42	-8.00	327.
2696	2014 JAN 09 05:44:38	233.8	0.42	-8.12	328.
2697	2014 JAN 09 13:44:45	234.9	0.42	-8.24	329.
2698	2014 JAN 09 21:44:52	236.0	0.42	-8.35	330.
2699	2014 JAN 10 05:44:59	237.2	0.42	-8.46	331.
2700	2014 JAN 10 13:45:05	238.3	0.42	-8.57	332.
2701	2014 JAN 10 21:45:12	239.5	0.41	-8.67	332.
2702	2014 JAN 11 05:45:19	240.7	0.41	-8.78	333.
2703	2014 JAN 11 13:45:26	241.9	0.41	-8.88	334.
2704	2014 JAN 11 21:45:33	243.1	0.41	-8.97	335.
2705	2014 JAN 12 05:45:40	244.3	0.41	-9.07	336.
2706	2014 JAN 12 13:45:47	245.5	0.41	-9.16	337.
2707	2014 JAN 12 21:45:54	246.7	0.40	-9.24	338.
2708	2014 JAN 13 05:46:01	247.9	0.40	-9.33	338.
2709	2014 JAN 13 13:46:08	249.2	0.40	-9.41	339.
2710	2014 JAN 13 21:46:15	250.4	0.40	-9.48	340.
2711	2014 JAN 14 05:46:22	251.7	0.40	-9.55	341.
2712	2014 JAN 14 13:46:29	253.0	0.39	-9.62	341.
2713	2014 JAN 14 21:46:36	254.3	0.39	-9.69	342.
2714	2014 JAN 15 05:46:43	255.6	0.39	-9.75	343.
2715	2014 JAN 15 13:46:52	256.9	0.39	-9.80	344.
2716	2014 JAN 15 21:46:59	258.2	0.39	-9.85	344.
2717	2014 JAN 16 05:47:06	259.6	0.38	-9.90	345.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
2718	2014 JAN 16 13:47:15	260.9	0.38	-9.94	346.
2719	2014 JAN 16 21:47:22	262.3	0.38	-9.97	346.
2720	2014 JAN 17 05:47:31	263.7	0.38	-10.00	347.
2721	2014 JAN 17 13:47:38	265.1	0.38	-10.02	348.
2722	2014 JAN 17 21:47:46	266.5	0.38	-10.04	348.
2723	2014 JAN 18 05:47:55	267.9	0.37	-10.05	349.
2724	2014 JAN 18 13:48:02	269.4	0.37	-10.06	350.
2725	2014 JAN 18 21:48:11	270.8	0.37	-10.06	350.
2726	2014 JAN 19 05:48:20	272.3	0.37	-10.05	351.
2727	2014 JAN 19 13:48:29	273.8	0.37	-10.04	351.
2728	2014 JAN 19 21:48:37	275.3	0.36	-10.02	352.
2729	2014 JAN 20 05:48:46	276.8	0.36	-9.99	352.
2730	2014 JAN 20 13:48:55	278.3	0.36	-9.95	353.
2731	2014 JAN 20 21:49:04	279.9	0.36	-9.91	353.
2732	2014 JAN 21 05:49:13	281.5	0.36	-9.86	354.
2733	2014 JAN 21 13:49:21	283.0	0.35	-9.80	354.
2734	2014 JAN 21 21:49:30	284.6	0.35	-9.73	355.
2735	2014 JAN 22 05:49:39	286.3	0.35	-9.65	355.
2736	2014 JAN 22 13:49:49	287.9	0.35	-9.57	356.
2737	2014 JAN 22 21:49:58	289.6	0.35	-9.47	356.
2738	2014 JAN 23 05:50:09	291.2	0.34	-9.37	356.
2739	2014 JAN 23 13:50:18	292.9	0.34	-9.26	357.
2740	2014 JAN 23 21:50:28	294.6	0.34	-9.14	357.
2741	2014 JAN 24 05:50:37	296.4	0.34	-9.01	357.
2742	2014 JAN 24 13:50:47	298.1	0.34	-8.87	358.
2743	2014 JAN 24 21:50:56	299.9	0.34	-8.72	358.
2744	2014 JAN 25 05:51:07	301.7	0.33	-8.56	358.
2745	2014 JAN 25 13:51:17	303.4	0.33	-8.39	359.
2746	2014 JAN 25 21:51:28	305.3	0.33	-8.21	359.
2747	2014 JAN 26 05:51:37	307.1	0.33	-8.02	359.
2748	2014 JAN 26 13:51:47	308.9	0.33	-7.82	359.
2749	2014 JAN 26 21:51:58	310.8	0.33	-7.61	359.
2750	2014 JAN 27 05:52:08	312.7	0.33	-7.39	360.
2751	2014 JAN 27 13:52:19	314.6	0.32	-7.16	360.
2752	2014 JAN 27 21:52:29	316.5	0.32	-6.92	360.
2753	2014 JAN 28 05:52:40	318.4	0.32	-6.66	360.
2754	2014 JAN 28 13:52:51	320.4	0.32	-6.41	0.
2755	2014 JAN 28 21:53:01	322.4	0.32	-6.14	0.
2756	2014 JAN 29 05:53:12	324.3	0.32	-5.86	0.
2757	2014 JAN 29 13:53:20	326.3	0.32	-5.57	0.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2758	2014 JAN 29 21:53:31	328.3	0.32	-5.27	0.
2759	2014 JAN 30 05:53:42	330.4	0.31	-4.97	0.
2760	2014 JAN 30 13:53:52	332.4	0.31	-4.66	0.
2761	2014 JAN 30 21:54:03	334.4	0.31	-4.34	0.
2762	2014 JAN 31 05:54:13	336.5	0.31	-4.01	0.
2763	2014 JAN 31 13:54:24	338.6	0.31	-3.67	0.
2764	2014 JAN 31 21:54:34	340.6	0.31	-3.33	0.
2765	2014 FEB 01 05:54:45	342.7	0.31	-2.99	0.
2766	2014 FEB 01 13:54:55	344.8	0.31	-2.63	0.
2767	2014 FEB 01 21:55:06	346.9	0.31	-2.28	0.
2768	2014 FEB 02 05:55:15	349.0	0.31	-1.92	0.
2769	2014 FEB 02 13:55:25	351.1	0.31	-1.55	0.
2770	2014 FEB 02 21:55:36	353.2	0.31	-1.19	0.
2771	2014 FEB 03 05:55:46	355.3	0.31	-0.82	360.
2772	2014 FEB 03 13:55:57	357.5	0.31	-0.45	360.
2773	2014 FEB 03 21:56:07	359.6	0.31	-0.07	360.
2774	2014 FEB 04 05:56:18	1.7	0.31	0.30	360.
2775	2014 FEB 04 13:56:27	3.8	0.31	0.67	360.
2776	2014 FEB 04 21:56:37	5.9	0.31	1.04	360.
2777	2014 FEB 05 05:56:48	8.0	0.31	1.41	360.
2778	2014 FEB 05 13:56:58	10.2	0.31	1.77	359.
2779	2014 FEB 05 21:57:09	12.3	0.31	2.13	359.
2780	2014 FEB 06 05:57:18	14.4	0.31	2.49	359.
2781	2014 FEB 06 13:57:28	16.5	0.31	2.85	359.
2782	2014 FEB 06 21:57:39	18.5	0.31	3.19	359.
2783	2014 FEB 07 05:57:48	20.6	0.31	3.54	359.
2784	2014 FEB 07 13:57:58	22.7	0.31	3.87	359.
2785	2014 FEB 07 21:58:09	24.8	0.31	4.20	359.
2786	2014 FEB 08 05:58:17	26.8	0.31	4.53	359.
2787	2014 FEB 08 13:58:28	28.8	0.31	4.84	359.
2788	2014 FEB 08 21:58:39	30.9	0.32	5.15	359.
2789	2014 FEB 09 05:58:47	32.9	0.32	5.45	359.
2790	2014 FEB 09 13:58:58	34.9	0.32	5.74	359.
2791	2014 FEB 09 21:59:08	36.9	0.32	6.03	359.
2792	2014 FEB 10 05:59:19	38.8	0.32	6.30	360.
2793	2014 FEB 10 13:59:28	40.8	0.32	6.56	360.
2794	2014 FEB 10 21:59:38	42.7	0.32	6.82	360.
2795	2014 FEB 11 05:59:49	44.7	0.32	7.06	360.
2796	2014 FEB 11 13:59:59	46.6	0.32	7.29	360.
2797	2014 FEB 11 22:00:08	48.5	0.33	7.52	0.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2798	2014 FEB 12 06:00:19	50.3	0.33	7.73	0.
2799	2014 FEB 12 14:00:29	52.2	0.33	7.94	1.
2800	2014 FEB 12 22:00:40	54.0	0.33	8.13	1.
2801	2014 FEB 13 06:00:49	55.9	0.33	8.32	1.
2802	2014 FEB 13 14:00:59	57.7	0.33	8.49	1.
2803	2014 FEB 13 22:01:10	59.4	0.34	8.65	1.
2804	2014 FEB 14 06:01:20	61.2	0.34	8.81	2.
2805	2014 FEB 14 14:01:31	63.0	0.34	8.95	2.
2806	2014 FEB 14 22:01:41	64.7	0.34	9.09	2.
2807	2014 FEB 15 06:01:50	66.4	0.34	9.21	3.
2808	2014 FEB 15 14:02:01	68.1	0.34	9.33	3.
2809	2014 FEB 15 22:02:11	69.8	0.35	9.43	3.
2810	2014 FEB 16 06:02:22	71.5	0.35	9.53	4.
2811	2014 FEB 16 14:02:31	73.1	0.35	9.62	4.
2812	2014 FEB 16 22:02:41	74.7	0.35	9.70	5.
2813	2014 FEB 17 06:02:50	76.3	0.35	9.77	5.
2814	2014 FEB 17 14:03:00	77.9	0.36	9.83	5.
2815	2014 FEB 17 22:03:09	79.5	0.36	9.89	6.
2816	2014 FEB 18 06:03:20	81.1	0.36	9.93	6.
2817	2014 FEB 18 14:03:29	82.6	0.36	9.97	7.
2818	2014 FEB 18 22:03:37	84.2	0.36	10.00	7.
2819	2014 FEB 19 06:03:48	85.7	0.36	10.03	8.
2820	2014 FEB 19 14:03:57	87.2	0.37	10.05	9.
2821	2014 FEB 19 22:04:06	88.6	0.37	10.06	9.
2822	2014 FEB 20 06:04:14	90.1	0.37	10.06	10.
2823	2014 FEB 20 14:04:23	91.5	0.37	10.06	10.
2824	2014 FEB 20 22:04:32	93.0	0.37	10.05	11.
2825	2014 FEB 21 06:04:41	94.4	0.38	10.03	12.
2826	2014 FEB 21 14:04:49	95.8	0.38	10.01	12.
2827	2014 FEB 21 22:04:58	97.2	0.38	9.98	13.
2828	2014 FEB 22 06:05:05	98.6	0.38	9.95	14.
2829	2014 FEB 22 14:05:14	99.9	0.38	9.91	14.
2830	2014 FEB 22 22:05:23	101.3	0.39	9.87	15.
2831	2014 FEB 23 06:05:30	102.6	0.39	9.82	16.
2832	2014 FEB 23 14:05:39	103.9	0.39	9.77	16.
2833	2014 FEB 23 22:05:46	105.2	0.39	9.71	17.
2834	2014 FEB 24 06:05:55	106.5	0.39	9.65	18.
2835	2014 FEB 24 14:06:02	107.8	0.40	9.58	19.
2836	2014 FEB 24 22:06:10	109.1	0.40	9.51	19.
2837	2014 FEB 25 06:06:17	110.4	0.40	9.44	20.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2838	2014 FEB 25 14:06:24	111.6	0.40	9.36	21.
2839	2014 FEB 25 22:06:31	112.8	0.40	9.28	22.
2840	2014 FEB 26 06:06:40	114.1	0.40	9.19	23.
2841	2014 FEB 26 14:06:47	115.3	0.41	9.10	23.
2842	2014 FEB 26 22:06:54	116.5	0.41	9.01	24.
2843	2014 FEB 27 06:07:01	117.7	0.41	8.91	25.
2844	2014 FEB 27 14:07:08	118.9	0.41	8.82	26.
2845	2014 FEB 27 22:07:15	120.1	0.41	8.72	27.
2846	2014 FEB 28 06:07:22	121.2	0.41	8.61	28.
2847	2014 FEB 28 14:07:29	122.4	0.42	8.50	29.
2848	2014 FEB 28 22:07:36	123.5	0.42	8.39	29.
2849	2014 MAR 01 06:07:43	124.7	0.42	8.28	30.
2850	2014 MAR 01 14:07:51	125.8	0.42	8.17	31.
2851	2014 MAR 01 22:07:58	126.9	0.42	8.05	32.
2852	2014 MAR 02 06:08:05	128.0	0.42	7.93	33.
2853	2014 MAR 02 14:08:12	129.1	0.43	7.81	34.
2854	2014 MAR 02 22:08:19	130.2	0.43	7.69	35.
2855	2014 MAR 03 06:08:26	131.3	0.43	7.56	36.
2856	2014 MAR 03 14:08:33	132.4	0.43	7.44	37.
2857	2014 MAR 03 22:08:40	133.5	0.43	7.31	38.
2858	2014 MAR 04 06:08:47	134.5	0.43	7.18	39.
2859	2014 MAR 04 14:08:52	135.6	0.43	7.05	40.
2860	2014 MAR 04 22:08:59	136.7	0.44	6.91	41.
2861	2014 MAR 05 06:09:06	137.7	0.44	6.78	42.
2862	2014 MAR 05 14:09:13	138.8	0.44	6.64	43.
2863	2014 MAR 05 22:09:20	139.8	0.44	6.50	44.
2864	2014 MAR 06 06:09:25	140.8	0.44	6.36	45.
2865	2014 MAR 06 14:09:32	141.8	0.44	6.22	46.
2866	2014 MAR 06 22:09:40	142.9	0.44	6.08	47.
2867	2014 MAR 07 06:09:47	143.9	0.44	5.94	48.
2868	2014 MAR 07 14:09:52	144.9	0.45	5.79	49.
2869	2014 MAR 07 22:09:59	145.9	0.45	5.65	50.
2870	2014 MAR 08 06:10:04	146.9	0.45	5.50	51.
2871	2014 MAR 08 14:10:11	147.9	0.45	5.36	52.
2872	2014 MAR 08 22:10:18	148.9	0.45	5.21	53.
2873	2014 MAR 09 06:10:23	149.9	0.45	5.06	54.
2874	2014 MAR 09 14:10:30	150.8	0.45	4.91	55.
2875	2014 MAR 09 22:10:36	151.8	0.45	4.76	56.
2876	2014 MAR 10 06:10:43	152.8	0.45	4.61	57.
2877	2014 MAR 10 14:10:48	153.8	0.45	4.46	59.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2878	2014 MAR 10 22:10:55	154.7	0.46	4.30	60.
2879	2014 MAR 11 06:11:00	155.7	0.46	4.15	61.
2880	2014 MAR 11 14:11:07	156.6	0.46	4.00	62.
2881	2014 MAR 11 22:11:13	157.6	0.46	3.84	63.
2882	2014 MAR 12 06:11:18	158.5	0.46	3.69	64.
2883	2014 MAR 12 14:11:25	159.5	0.46	3.53	65.
2884	2014 MAR 12 22:11:30	160.4	0.46	3.37	66.
2885	2014 MAR 13 06:11:36	161.4	0.46	3.22	67.
2886	2014 MAR 13 14:11:43	162.3	0.46	3.06	68.
2887	2014 MAR 13 22:11:48	163.3	0.46	2.90	69.
2888	2014 MAR 14 06:11:55	164.2	0.46	2.74	71.
2889	2014 MAR 14 14:12:00	165.1	0.46	2.59	72.
2890	2014 MAR 14 22:12:05	166.1	0.46	2.43	73.
2891	2014 MAR 15 06:12:12	167.0	0.46	2.27	74.
2892	2014 MAR 15 14:12:18	167.9	0.46	2.11	75.
2893	2014 MAR 15 22:12:23	168.8	0.46	1.95	76.
2894	2014 MAR 16 06:12:30	169.8	0.46	1.79	77.
2895	2014 MAR 16 14:12:35	170.7	0.47	1.63	78.
2896	2014 MAR 16 22:12:41	171.6	0.47	1.47	80.
2897	2014 MAR 17 06:12:48	172.5	0.47	1.31	81.
2898	2014 MAR 17 14:12:53	173.5	0.47	1.15	82.
2899	2014 MAR 17 22:12:58	174.4	0.47	0.99	83.
2900	2014 MAR 18 06:13:05	175.3	0.47	0.83	84.
2901	2014 MAR 18 14:13:10	176.2	0.47	0.66	85.
2902	2014 MAR 18 22:13:16	177.1	0.47	0.50	86.
2903	2014 MAR 19 06:13:23	178.1	0.47	0.34	87.
2904	2014 MAR 19 14:13:28	179.0	0.47	0.18	89.
2905	2014 MAR 19 22:13:33	179.9	0.47	0.02	90.
2906	2014 MAR 20 06:13:39	180.8	0.47	-0.14	91.
2907	2014 MAR 20 14:13:46	181.7	0.47	-0.30	92.
2908	2014 MAR 20 22:13:51	182.6	0.47	-0.46	93.
2909	2014 MAR 21 06:13:56	183.6	0.47	-0.63	94.
2910	2014 MAR 21 14:14:03	184.5	0.47	-0.79	95.
2911	2014 MAR 21 22:14:08	185.4	0.47	-0.95	96.
2912	2014 MAR 22 06:14:14	186.3	0.47	-1.11	98.
2913	2014 MAR 22 14:14:21	187.2	0.47	-1.27	99.
2914	2014 MAR 22 22:14:26	188.2	0.47	-1.43	100.
2915	2014 MAR 23 06:14:33	189.1	0.47	-1.59	101.
2916	2014 MAR 23 14:14:38	190.0	0.46	-1.75	102.
2917	2014 MAR 23 22:14:44	190.9	0.46	-1.91	103.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2918	2014 MAR 24 06:14:51	191.9	0.46	-2.07	104.
2919	2014 MAR 24 14:14:56	192.8	0.46	-2.23	105.
2920	2014 MAR 24 22:15:03	193.7	0.46	-2.39	107.
2921	2014 MAR 25 06:15:08	194.6	0.46	-2.55	108.
2922	2014 MAR 25 14:15:15	195.6	0.46	-2.71	109.
2923	2014 MAR 25 22:15:21	196.5	0.46	-2.86	110.
2924	2014 MAR 26 06:15:28	197.5	0.46	-3.02	111.
2925	2014 MAR 26 14:15:33	198.4	0.46	-3.18	112.
2926	2014 MAR 26 22:15:40	199.3	0.46	-3.34	113.
2927	2014 MAR 27 06:15:47	200.3	0.46	-3.49	114.
2928	2014 MAR 27 14:15:52	201.2	0.46	-3.65	115.
2929	2014 MAR 27 22:15:59	202.2	0.46	-3.80	116.
2930	2014 MAR 28 06:16:06	203.1	0.46	-3.96	118.
2931	2014 MAR 28 14:16:11	204.1	0.46	-4.11	119.
2932	2014 MAR 28 22:16:19	205.1	0.46	-4.27	120.
2933	2014 MAR 29 06:16:26	206.0	0.45	-4.42	121.
2934	2014 MAR 29 14:16:31	207.0	0.45	-4.57	122.
2935	2014 MAR 29 22:16:38	208.0	0.45	-4.72	123.
2936	2014 MAR 30 06:16:45	208.9	0.45	-4.87	124.
2937	2014 MAR 30 14:16:50	209.9	0.45	-5.02	125.
2938	2014 MAR 30 22:16:57	210.9	0.45	-5.17	126.
2939	2014 MAR 31 06:17:04	211.9	0.45	-5.32	127.
2940	2014 MAR 31 14:17:11	212.9	0.45	-5.47	128.
2941	2014 MAR 31 22:17:18	213.9	0.45	-5.62	129.
2942	2014 APR 01 06:17:25	214.9	0.45	-5.76	130.
2943	2014 APR 01 14:17:32	215.9	0.44	-5.90	131.
2944	2014 APR 01 22:17:38	216.9	0.44	-6.05	132.
2945	2014 APR 02 06:17:45	217.9	0.44	-6.19	133.
2946	2014 APR 02 14:17:52	218.9	0.44	-6.33	134.
2947	2014 APR 02 22:17:59	220.0	0.44	-6.47	135.
2948	2014 APR 03 06:18:06	221.0	0.44	-6.61	136.
2949	2014 APR 03 14:18:13	222.1	0.44	-6.75	137.
2950	2014 APR 03 22:18:20	223.1	0.44	-6.88	138.
2951	2014 APR 04 06:18:27	224.2	0.43	-7.02	139.
2952	2014 APR 04 14:18:34	225.2	0.43	-7.15	140.
2953	2014 APR 04 22:18:43	226.3	0.43	-7.28	141.
2954	2014 APR 05 06:18:50	227.4	0.43	-7.41	142.
2955	2014 APR 05 14:18:57	228.4	0.43	-7.53	143.
2956	2014 APR 05 22:19:04	229.5	0.43	-7.66	144.
2957	2014 APR 06 06:19:11	230.6	0.43	-7.78	145.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2958	2014 APR 06 14:19:18	231.7	0.42	-7.90	146.
2959	2014 APR 06 22:19:27	232.8	0.42	-8.02	147.
2960	2014 APR 07 06:19:34	234.0	0.42	-8.14	148.
2961	2014 APR 07 14:19:41	235.1	0.42	-8.26	149.
2962	2014 APR 07 22:19:48	236.2	0.42	-8.37	150.
2963	2014 APR 08 06:19:56	237.4	0.42	-8.48	151.
2964	2014 APR 08 14:20:04	238.5	0.42	-8.59	152.
2965	2014 APR 08 22:20:12	239.7	0.41	-8.69	153.
2966	2014 APR 09 06:20:19	240.9	0.41	-8.79	153.
2967	2014 APR 09 14:20:26	242.1	0.41	-8.89	154.
2968	2014 APR 09 22:20:35	243.2	0.41	-8.99	155.
2969	2014 APR 10 06:20:44	244.5	0.41	-9.08	156.
2970	2014 APR 10 14:20:51	245.7	0.40	-9.17	157.
2971	2014 APR 10 22:21:00	246.9	0.40	-9.26	158.
2972	2014 APR 11 06:21:09	248.1	0.40	-9.34	158.
2973	2014 APR 11 14:21:16	249.4	0.40	-9.42	159.
2974	2014 APR 11 22:21:24	250.6	0.40	-9.49	160.
2975	2014 APR 12 06:21:33	251.9	0.40	-9.57	161.
2976	2014 APR 12 14:21:42	253.2	0.39	-9.63	162.
2977	2014 APR 12 22:21:51	254.5	0.39	-9.70	162.
2978	2014 APR 13 06:22:00	255.8	0.39	-9.76	163.
2979	2014 APR 13 14:22:08	257.1	0.39	-9.81	164.
2980	2014 APR 13 22:22:17	258.4	0.39	-9.86	165.
2981	2014 APR 14 06:22:26	259.8	0.38	-9.90	165.
2982	2014 APR 14 14:22:35	261.1	0.38	-9.94	166.
2983	2014 APR 14 22:22:43	262.5	0.38	-9.98	167.
2984	2014 APR 15 06:22:52	263.9	0.38	-10.00	167.
2985	2014 APR 15 14:23:03	265.3	0.38	-10.03	168.
2986	2014 APR 15 22:23:12	266.7	0.38	-10.04	169.
2987	2014 APR 16 06:23:22	268.1	0.37	-10.06	169.
2988	2014 APR 16 14:23:31	269.6	0.37	-10.06	170.
2989	2014 APR 16 22:23:41	271.1	0.37	-10.06	170.
2990	2014 APR 17 06:23:50	272.5	0.37	-10.05	171.
2991	2014 APR 17 14:24:01	274.0	0.37	-10.03	171.
2992	2014 APR 17 22:24:11	275.5	0.36	-10.01	172.
2993	2014 APR 18 06:24:20	277.1	0.36	-9.98	173.
2994	2014 APR 18 14:24:31	278.6	0.36	-9.95	173.
2995	2014 APR 18 22:24:41	280.1	0.36	-9.90	174.
2996	2014 APR 19 06:24:52	281.7	0.36	-9.85	174.
2997	2014 APR 19 14:25:02	283.3	0.35	-9.79	174.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
2998	2014 APR 19 22:25:13	284.9	0.35	-9.72	175.
2999	2014 APR 20 06:25:23	286.5	0.35	-9.64	175.
3000	2014 APR 20 14:25:34	288.2	0.35	-9.55	176.
3001	2014 APR 20 22:25:46	289.8	0.35	-9.46	176.
3002	2014 APR 21 06:25:57	291.5	0.34	-9.35	176.
3003	2014 APR 21 14:26:07	293.2	0.34	-9.24	177.
3004	2014 APR 21 22:26:20	294.9	0.34	-9.12	177.
3005	2014 APR 22 06:26:30	296.7	0.34	-8.99	177.
3006	2014 APR 22 14:26:43	298.4	0.34	-8.84	178.
3007	2014 APR 22 22:26:53	300.2	0.34	-8.69	178.
3008	2014 APR 23 06:27:05	301.9	0.33	-8.53	178.
3009	2014 APR 23 14:27:16	303.8	0.33	-8.36	179.
3010	2014 APR 23 22:27:28	305.6	0.33	-8.18	179.
3011	2014 APR 24 06:27:41	307.4	0.33	-7.98	179.
3012	2014 APR 24 14:27:51	309.3	0.33	-7.78	179.
3013	2014 APR 24 22:28:03	311.1	0.33	-7.57	179.
3014	2014 APR 25 06:28:16	313.0	0.33	-7.35	180.
3015	2014 APR 25 14:28:28	314.9	0.32	-7.12	180.
3016	2014 APR 25 22:28:40	316.8	0.32	-6.87	180.
3017	2014 APR 26 06:28:53	318.8	0.32	-6.62	180.
3018	2014 APR 26 14:29:03	320.7	0.32	-6.36	180.
3019	2014 APR 26 22:29:15	322.7	0.32	-6.09	180.
3020	2014 APR 27 06:29:28	324.7	0.32	-5.81	180.
3021	2014 APR 27 14:29:40	326.7	0.32	-5.52	180.
3022	2014 APR 27 22:29:52	328.7	0.32	-5.22	180.
3023	2014 APR 28 06:30:05	330.7	0.31	-4.92	180.
3024	2014 APR 28 14:30:17	332.7	0.31	-4.60	180.
3025	2014 APR 28 22:30:29	334.8	0.31	-4.28	180.
3026	2014 APR 29 06:30:40	336.8	0.31	-3.95	180.
3027	2014 APR 29 14:30:52	338.9	0.31	-3.62	180.
3028	2014 APR 29 22:31:04	341.0	0.31	-3.27	180.
3029	2014 APR 30 06:31:17	343.1	0.31	-2.93	180.
3030	2014 APR 30 14:31:29	345.2	0.31	-2.57	180.
3031	2014 APR 30 22:31:40	347.3	0.31	-2.22	180.
3032	2014 MAY 01 06:31:52	349.4	0.31	-1.86	180.
3033	2014 MAY 01 14:32:04	351.5	0.31	-1.49	180.
3034	2014 MAY 01 22:32:17	353.6	0.31	-1.12	180.
3035	2014 MAY 02 06:32:27	355.7	0.31	-0.75	180.
3036	2014 MAY 02 14:32:39	357.8	0.31	-0.38	180.
3037	2014 MAY 02 22:32:52	359.9	0.31	-0.01	180.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3038	2014 MAY 03 06:33:02	2.1	0.31	0.36	180.
3039	2014 MAY 03 14:33:15	4.2	0.31	0.73	180.
3040	2014 MAY 03 22:33:27	6.3	0.31	1.10	180.
3041	2014 MAY 04 06:33:37	8.4	0.31	1.47	180.
3042	2014 MAY 04 14:33:50	10.5	0.31	1.83	179.
3043	2014 MAY 04 22:34:00	12.6	0.31	2.19	179.
3044	2014 MAY 05 06:34:13	14.7	0.31	2.55	179.
3045	2014 MAY 05 14:34:23	16.8	0.31	2.90	179.
3046	2014 MAY 05 22:34:35	18.9	0.31	3.25	179.
3047	2014 MAY 06 06:34:46	21.0	0.31	3.60	179.
3048	2014 MAY 06 14:34:58	23.0	0.31	3.93	179.
3049	2014 MAY 06 22:35:09	25.1	0.31	4.26	179.
3050	2014 MAY 07 06:35:21	27.1	0.31	4.58	179.
3051	2014 MAY 07 14:35:32	29.2	0.31	4.90	179.
3052	2014 MAY 07 22:35:44	31.2	0.32	5.20	179.
3053	2014 MAY 08 06:35:55	33.2	0.32	5.50	179.
3054	2014 MAY 08 14:36:07	35.2	0.32	5.79	179.
3055	2014 MAY 08 22:36:19	37.2	0.32	6.07	179.
3056	2014 MAY 09 06:36:30	39.2	0.32	6.34	180.
3057	2014 MAY 09 14:36:42	41.1	0.32	6.61	180.
3058	2014 MAY 09 22:36:53	43.1	0.32	6.86	180.
3059	2014 MAY 10 06:37:05	45.0	0.32	7.10	180.
3060	2014 MAY 10 14:37:17	46.9	0.32	7.33	180.
3061	2014 MAY 10 22:37:28	48.8	0.33	7.56	180.
3062	2014 MAY 11 06:37:40	50.6	0.33	7.77	180.
3063	2014 MAY 11 14:37:51	52.5	0.33	7.97	181.
3064	2014 MAY 11 22:38:03	54.3	0.33	8.16	181.
3065	2014 MAY 12 06:38:15	56.2	0.33	8.35	181.
3066	2014 MAY 12 14:38:26	58.0	0.33	8.52	181.
3067	2014 MAY 12 22:38:38	59.8	0.34	8.68	181.
3068	2014 MAY 13 06:38:50	61.5	0.34	8.83	182.
3069	2014 MAY 13 14:39:01	63.3	0.34	8.98	182.
3070	2014 MAY 13 22:39:13	65.0	0.34	9.11	182.
3071	2014 MAY 14 06:39:25	66.7	0.34	9.23	183.
3072	2014 MAY 14 14:39:36	68.4	0.34	9.35	183.
3073	2014 MAY 14 22:39:48	70.1	0.35	9.45	183.
3074	2014 MAY 15 06:39:59	71.7	0.35	9.55	184.
3075	2014 MAY 15 14:40:11	73.4	0.35	9.63	184.
3076	2014 MAY 15 22:40:22	75.0	0.35	9.71	185.
3077	2014 MAY 16 06:40:32	76.6	0.35	9.78	185.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3078	2014 MAY 16 14:40:45	78.2	0.36	9.84	186.
3079	2014 MAY 16 22:40:55	79.8	0.36	9.90	186.
3080	2014 MAY 17 06:41:06	81.3	0.36	9.94	187.
3081	2014 MAY 17 14:41:16	82.9	0.36	9.98	187.
3082	2014 MAY 17 22:41:27	84.4	0.36	10.01	188.
3083	2014 MAY 18 06:41:37	85.9	0.37	10.03	188.
3084	2014 MAY 18 14:41:48	87.4	0.37	10.05	189.
3085	2014 MAY 18 22:41:58	88.9	0.37	10.06	189.
3086	2014 MAY 19 06:42:09	90.4	0.37	10.06	190.
3087	2014 MAY 19 14:42:19	91.8	0.37	10.05	190.
3088	2014 MAY 19 22:42:28	93.2	0.37	10.04	191.
3089	2014 MAY 20 06:42:39	94.6	0.38	10.03	192.
3090	2014 MAY 20 14:42:48	96.0	0.38	10.01	192.
3091	2014 MAY 20 22:42:58	97.4	0.38	9.98	193.
3092	2014 MAY 21 06:43:07	98.8	0.38	9.94	194.
3093	2014 MAY 21 14:43:17	100.2	0.38	9.90	194.
3094	2014 MAY 21 22:43:26	101.5	0.39	9.86	195.
3095	2014 MAY 22 06:43:35	102.8	0.39	9.81	196.
3096	2014 MAY 22 14:43:46	104.2	0.39	9.76	196.
3097	2014 MAY 22 22:43:54	105.5	0.39	9.70	197.
3098	2014 MAY 23 06:44:03	106.8	0.39	9.64	198.
3099	2014 MAY 23 14:44:12	108.0	0.40	9.57	199.
3100	2014 MAY 23 22:44:21	109.3	0.40	9.50	199.
3101	2014 MAY 24 06:44:30	110.6	0.40	9.42	200.
3102	2014 MAY 24 14:44:38	111.8	0.40	9.35	201.
3103	2014 MAY 24 22:44:47	113.1	0.40	9.26	202.
3104	2014 MAY 25 06:44:56	114.3	0.40	9.18	203.
3105	2014 MAY 25 14:45:03	115.5	0.41	9.09	204.
3106	2014 MAY 25 22:45:12	116.7	0.41	8.99	204.
3107	2014 MAY 26 06:45:21	117.9	0.41	8.90	205.
3108	2014 MAY 26 14:45:29	119.1	0.41	8.80	206.
3109	2014 MAY 26 22:45:38	120.3	0.41	8.70	207.
3110	2014 MAY 27 06:45:45	121.4	0.42	8.59	208.
3111	2014 MAY 27 14:45:54	122.6	0.42	8.49	209.
3112	2014 MAY 27 22:46:03	123.7	0.42	8.38	210.
3113	2014 MAY 28 06:46:11	124.9	0.42	8.26	211.
3114	2014 MAY 28 14:46:19	126.0	0.42	8.15	211.
3115	2014 MAY 28 22:46:27	127.1	0.42	8.03	212.
3116	2014 MAY 29 06:46:36	128.2	0.42	7.91	213.
3117	2014 MAY 29 14:46:43	129.3	0.43	7.79	214.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3118	2014 MAY 29 22:46:52	130.4	0.43	7.67	215.
3119	2014 MAY 30 06:47:01	131.5	0.43	7.54	216.
3120	2014 MAY 30 14:47:10	132.6	0.43	7.42	217.
3121	2014 MAY 30 22:47:17	133.7	0.43	7.29	218.
3122	2014 MAY 31 06:47:25	134.7	0.43	7.16	219.
3123	2014 MAY 31 14:47:34	135.8	0.43	7.02	220.
3124	2014 MAY 31 22:47:41	136.8	0.44	6.89	221.
3125	2014 JUN 01 06:47:50	137.9	0.44	6.75	222.
3126	2014 JUN 01 14:47:59	138.9	0.44	6.62	223.
3127	2014 JUN 01 22:48:06	140.0	0.44	6.48	224.
3128	2014 JUN 02 06:48:15	141.0	0.44	6.34	225.
3129	2014 JUN 02 14:48:22	142.0	0.44	6.20	226.
3130	2014 JUN 02 22:48:30	143.0	0.44	6.06	227.
3131	2014 JUN 03 06:48:39	144.1	0.44	5.91	228.
3132	2014 JUN 03 14:48:46	145.1	0.45	5.77	229.
3133	2014 JUN 03 22:48:55	146.1	0.45	5.62	230.
3134	2014 JUN 04 06:49:02	147.1	0.45	5.48	231.
3135	2014 JUN 04 14:49:11	148.1	0.45	5.33	232.
3136	2014 JUN 04 22:49:18	149.0	0.45	5.18	233.
3137	2014 JUN 05 06:49:27	150.0	0.45	5.03	234.
3138	2014 JUN 05 14:49:34	151.0	0.45	4.88	236.
3139	2014 JUN 05 22:49:41	152.0	0.45	4.73	237.
3140	2014 JUN 06 06:49:49	153.0	0.45	4.58	238.
3141	2014 JUN 06 14:49:57	153.9	0.45	4.43	239.
3142	2014 JUN 06 22:50:05	154.9	0.46	4.28	240.
3143	2014 JUN 07 06:50:12	155.8	0.46	4.12	241.
3144	2014 JUN 07 14:50:19	156.8	0.46	3.97	242.
3145	2014 JUN 07 22:50:28	157.8	0.46	3.81	243.
3146	2014 JUN 08 06:50:35	158.7	0.46	3.66	244.
3147	2014 JUN 08 14:50:42	159.7	0.46	3.50	245.
3148	2014 JUN 08 22:50:51	160.6	0.46	3.35	246.
3149	2014 JUN 09 06:50:58	161.5	0.46	3.19	247.
3150	2014 JUN 09 14:51:05	162.5	0.46	3.03	249.
3151	2014 JUN 09 22:51:12	163.4	0.46	2.87	250.
3152	2014 JUN 10 06:51:21	164.4	0.46	2.72	251.
3153	2014 JUN 10 14:51:28	165.3	0.46	2.56	252.
3154	2014 JUN 10 22:51:35	166.2	0.46	2.40	253.
3155	2014 JUN 11 06:51:42	167.2	0.46	2.24	254.
3156	2014 JUN 11 14:51:49	168.1	0.46	2.08	255.
3157	2014 JUN 11 22:51:58	169.0	0.46	1.92	256.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3158	2014 JUN 12 06:52:05	169.9	0.46	1.76	257.
3159	2014 JUN 12 14:52:12	170.9	0.47	1.60	259.
3160	2014 JUN 12 22:52:19	171.8	0.47	1.44	260.
3161	2014 JUN 13 06:52:26	172.7	0.47	1.28	261.
3162	2014 JUN 13 14:52:33	173.6	0.47	1.12	262.
3163	2014 JUN 13 22:52:40	174.5	0.47	0.96	263.
3164	2014 JUN 14 06:52:49	175.5	0.47	0.80	264.
3165	2014 JUN 14 14:52:56	176.4	0.47	0.64	265.
3166	2014 JUN 14 22:53:03	177.3	0.47	0.47	266.
3167	2014 JUN 15 06:53:10	178.2	0.47	0.31	268.
3168	2014 JUN 15 14:53:17	179.1	0.47	0.15	269.
3169	2014 JUN 15 22:53:24	180.1	0.47	-0.01	270.
3170	2014 JUN 16 06:53:31	181.0	0.47	-0.17	271.
3171	2014 JUN 16 14:53:38	181.9	0.47	-0.33	272.
3172	2014 JUN 16 22:53:45	182.8	0.47	-0.49	273.
3173	2014 JUN 17 06:53:52	183.7	0.47	-0.65	274.
3174	2014 JUN 17 14:54:01	184.6	0.47	-0.82	275.
3175	2014 JUN 17 22:56:02	185.6	0.47	-0.98	277.
3176	2014 JUN 18 06:58:03	186.5	0.47	-1.14	278.
3177	2014 JUN 18 15:00:06	187.4	0.47	-1.30	279.
3178	2014 JUN 18 23:02:08	188.3	0.47	-1.46	280.
3179	2014 JUN 19 07:04:11	189.3	0.47	-1.62	281.
3180	2014 JUN 19 15:06:12	190.2	0.46	-1.78	282.
3181	2014 JUN 19 23:08:15	191.1	0.46	-1.94	283.
3182	2014 JUN 20 07:10:16	192.0	0.46	-2.10	285.
3183	2014 JUN 20 15:12:19	193.0	0.46	-2.26	286.
3184	2014 JUN 20 23:14:23	193.9	0.46	-2.42	287.
3185	2014 JUN 21 07:16:24	194.9	0.46	-2.58	288.
3186	2014 JUN 21 15:18:27	195.8	0.46	-2.74	289.
3187	2014 JUN 21 23:20:28	196.7	0.46	-2.90	290.
3188	2014 JUN 22 07:22:31	197.7	0.46	-3.06	291.
3189	2014 JUN 22 15:24:34	198.6	0.46	-3.22	292.
3190	2014 JUN 22 23:26:36	199.6	0.46	-3.37	293.
3191	2014 JUN 23 07:28:39	200.5	0.46	-3.53	295.
3192	2014 JUN 23 15:30:42	201.5	0.46	-3.69	296.
3193	2014 JUN 23 23:32:45	202.4	0.46	-3.84	297.
3194	2014 JUN 24 07:34:46	203.4	0.46	-4.00	298.
3195	2014 JUN 24 15:36:49	204.3	0.46	-4.15	299.
3196	2014 JUN 24 23:38:52	205.3	0.46	-4.31	300.
3197	2014 JUN 25 07:40:55	206.3	0.45	-4.46	301.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3198	2014 JUN 25 15:42:58	207.3	0.45	-4.61	302.
3199	2014 JUN 25 23:45:01	208.2	0.45	-4.77	303.
3200	2014 JUN 26 07:47:02	209.2	0.45	-4.92	304.
3201	2014 JUN 26 15:49:06	210.2	0.45	-5.07	305.
3202	2014 JUN 26 23:51:09	211.2	0.45	-5.22	306.
3203	2014 JUN 27 07:53:12	212.2	0.45	-5.36	307.
3204	2014 JUN 27 15:55:15	213.2	0.45	-5.51	309.
3205	2014 JUN 27 23:57:18	214.2	0.45	-5.66	310.
3206	2014 JUN 28 07:59:21	215.2	0.45	-5.80	311.
3207	2014 JUN 28 16:01:24	216.2	0.44	-5.95	312.
3208	2014 JUN 29 00:03:27	217.2	0.44	-6.09	313.
3209	2014 JUN 29 08:05:30	218.2	0.44	-6.23	314.
3210	2014 JUN 29 16:07:33	219.3	0.44	-6.38	315.
3211	2014 JUN 30 00:09:36	220.3	0.44	-6.52	316.
3212	2014 JUN 30 08:11:39	221.4	0.44	-6.65	317.
3213	2014 JUN 30 16:13:42	222.4	0.44	-6.79	318.
3214	2014 JUL 01 00:15:45	223.5	0.44	-6.93	319.
3215	2014 JUL 01 08:17:48	224.5	0.43	-7.06	320.
3216	2014 JUL 01 16:19:51	225.6	0.43	-7.19	321.
3217	2014 JUL 02 00:21:54	226.7	0.43	-7.32	322.
3218	2014 JUL 02 08:23:59	227.7	0.43	-7.45	323.
3219	2014 JUL 02 16:26:02	228.8	0.43	-7.58	324.
3220	2014 JUL 03 00:28:05	229.9	0.43	-7.70	325.
3221	2014 JUL 03 08:30:08	231.0	0.43	-7.83	326.
3222	2014 JUL 03 16:32:11	232.1	0.42	-7.95	327.
3223	2014 JUL 04 00:34:16	233.3	0.42	-8.07	327.
3224	2014 JUL 04 08:36:19	234.4	0.42	-8.19	328.
3225	2014 JUL 04 16:38:22	235.5	0.42	-8.30	329.
3226	2014 JUL 05 00:40:27	236.7	0.42	-8.41	330.
3227	2014 JUL 05 08:42:30	237.8	0.42	-8.52	331.
3228	2014 JUL 05 16:44:35	239.0	0.41	-8.63	332.
3229	2014 JUL 06 00:46:38	240.2	0.41	-8.73	333.
3230	2014 JUL 06 08:48:43	241.3	0.41	-8.83	334.
3231	2014 JUL 06 16:50:46	242.5	0.41	-8.93	335.
3232	2014 JUL 07 00:52:51	243.7	0.41	-9.03	335.
3233	2014 JUL 07 08:54:54	245.0	0.41	-9.12	336.
3234	2014 JUL 07 16:56:58	246.2	0.40	-9.21	337.
3235	2014 JUL 08 00:59:03	247.4	0.40	-9.29	338.
3236	2014 JUL 08 09:01:06	248.7	0.40	-9.37	339.
3237	2014 JUL 08 17:03:11	249.9	0.40	-9.45	340.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
3238	2014 JUL 09 01:05:16	251.2	0.40	-9.53	340.
3239	2014 JUL 09 09:07:21	252.5	0.40	-9.60	341.
3240	2014 JUL 09 17:09:25	253.8	0.39	-9.66	342.
3241	2014 JUL 10 01:11:30	255.1	0.39	-9.72	343.
3242	2014 JUL 10 09:13:35	256.4	0.39	-9.78	343.
3243	2014 JUL 10 17:15:40	257.7	0.39	-9.83	344.
3244	2014 JUL 11 01:17:45	259.1	0.39	-9.88	345.
3245	2014 JUL 11 09:19:49	260.4	0.38	-9.92	346.
3246	2014 JUL 11 17:21:54	261.8	0.38	-9.96	346.
3247	2014 JUL 12 01:23:59	263.2	0.38	-9.99	347.
3248	2014 JUL 12 09:26:06	264.6	0.38	-10.02	348.
3249	2014 JUL 12 17:28:10	266.0	0.38	-10.04	348.
3250	2014 JUL 13 01:30:15	267.4	0.37	-10.05	349.
3251	2014 JUL 13 09:32:22	268.8	0.37	-10.06	349.
3252	2014 JUL 13 17:34:27	270.3	0.37	-10.06	350.
3253	2014 JUL 14 01:36:33	271.8	0.37	-10.05	351.
3254	2014 JUL 14 09:38:38	273.3	0.37	-10.04	351.
3255	2014 JUL 14 17:40:45	274.8	0.36	-10.02	352.
3256	2014 JUL 15 01:42:51	276.3	0.36	-10.00	352.
3257	2014 JUL 15 09:44:56	277.8	0.36	-9.96	353.
3258	2014 JUL 15 17:47:02	279.4	0.36	-9.92	353.
3259	2014 JUL 16 01:49:09	281.0	0.36	-9.87	354.
3260	2014 JUL 16 09:51:16	282.5	0.35	-9.82	354.
3261	2014 JUL 16 17:53:22	284.2	0.35	-9.75	355.
3262	2014 JUL 17 01:55:29	285.8	0.35	-9.68	355.
3263	2014 JUL 17 09:57:35	287.4	0.35	-9.59	356.
3264	2014 JUL 17 17:59:42	289.1	0.35	-9.50	356.
3265	2014 JUL 18 02:01:48	290.7	0.35	-9.40	356.
3266	2014 JUL 18 10:03:55	292.4	0.34	-9.29	357.
3267	2014 JUL 18 18:06:03	294.2	0.34	-9.17	357.
3268	2014 JUL 19 02:08:10	295.9	0.34	-9.05	357.
3269	2014 JUL 19 10:10:16	297.6	0.34	-8.91	358.
3270	2014 JUL 19 18:12:25	299.4	0.34	-8.76	358.
3271	2014 JUL 20 02:14:31	301.2	0.33	-8.60	358.
3272	2014 JUL 20 10:16:40	303.0	0.33	-8.43	358.
3273	2014 JUL 20 18:18:46	304.8	0.33	-8.25	359.
3274	2014 JUL 21 02:20:55	306.6	0.33	-8.07	359.
3275	2014 JUL 21 10:23:01	308.5	0.33	-7.87	359.
3276	2014 JUL 21 18:25:09	310.4	0.33	-7.66	359.
3277	2014 JUL 22 02:27:18	312.2	0.33	-7.44	359.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
3278	2014 JUL 22 10:29:24	314.1	0.32	-7.21	360.
3279	2014 JUL 22 18:31:33	316.1	0.32	-6.97	360.
3280	2014 JUL 23 02:33:41	318.0	0.32	-6.72	360.
3281	2014 JUL 23 10:35:47	320.0	0.32	-6.46	0.
3282	2014 JUL 23 18:37:56	321.9	0.32	-6.20	0.
3283	2014 JUL 24 02:40:04	323.9	0.32	-5.92	0.
3284	2014 JUL 24 10:42:11	325.9	0.32	-5.63	0.
3285	2014 JUL 24 18:44:19	327.9	0.32	-5.34	0.
3286	2014 JUL 25 02:46:27	329.9	0.31	-5.03	0.
3287	2014 JUL 25 10:48:34	332.0	0.31	-4.72	0.
3288	2014 JUL 25 18:50:42	334.0	0.31	-4.40	0.
3289	2014 JUL 26 02:52:51	336.1	0.31	-4.07	0.
3290	2014 JUL 26 10:54:59	338.2	0.31	-3.74	0.
3291	2014 JUL 26 18:57:05	340.2	0.31	-3.40	0.
3292	2014 JUL 27 02:59:14	342.3	0.31	-3.05	0.
3293	2014 JUL 27 11:01:20	344.4	0.31	-2.70	0.
3294	2014 JUL 27 19:03:29	346.5	0.31	-2.34	0.
3295	2014 JUL 28 03:05:37	348.6	0.31	-1.98	0.
3296	2014 JUL 28 11:07:43	350.8	0.31	-1.61	0.
3297	2014 JUL 28 19:09:52	352.9	0.31	-1.24	0.
3298	2014 JUL 29 03:11:58	355.0	0.31	-0.87	360.
3299	2014 JUL 29 11:14:07	357.1	0.31	-0.50	360.
3300	2014 JUL 29 19:16:13	359.3	0.31	-0.13	360.
3301	2014 JUL 30 03:18:22	1.4	0.31	0.24	360.
3302	2014 JUL 30 11:20:28	3.5	0.31	0.62	360.
3303	2014 JUL 30 19:22:36	5.6	0.31	0.99	360.
3304	2014 JUL 31 03:24:43	7.8	0.31	1.36	360.
3305	2014 JUL 31 11:26:50	9.9	0.31	1.72	359.
3306	2014 JUL 31 19:28:58	12.0	0.31	2.09	359.
3307	2014 AUG 01 03:31:04	14.1	0.31	2.45	359.
3308	2014 AUG 01 11:33:13	16.2	0.31	2.81	359.
3309	2014 AUG 01 19:35:19	18.3	0.31	3.16	359.
3310	2014 AUG 02 03:37:26	20.4	0.31	3.50	359.
3311	2014 AUG 02 11:39:34	22.5	0.31	3.84	359.
3312	2014 AUG 02 19:41:41	24.6	0.31	4.17	359.
3313	2014 AUG 03 03:43:49	26.6	0.31	4.50	359.
3314	2014 AUG 03 11:45:56	28.7	0.31	4.82	359.
3315	2014 AUG 03 19:48:04	30.7	0.31	5.13	359.
3316	2014 AUG 04 03:50:11	32.7	0.32	5.43	359.
3317	2014 AUG 04 11:52:19	34.7	0.32	5.72	359.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
3318	2014 AUG 04 19:54:25	36.7	0.32	6.01	359.
3319	2014 AUG 05 03:56:34	38.7	0.32	6.28	359.
3320	2014 AUG 05 11:58:42	40.7	0.32	6.55	360.
3321	2014 AUG 05 20:00:49	42.6	0.32	6.80	360.
3322	2014 AUG 06 04:02:57	44.5	0.32	7.05	360.
3323	2014 AUG 06 12:05:05	46.5	0.32	7.28	360.
3324	2014 AUG 06 20:07:12	48.4	0.33	7.51	0.
3325	2014 AUG 07 04:09:20	50.2	0.33	7.72	0.
3326	2014 AUG 07 12:11:28	52.1	0.33	7.93	0.
3327	2014 AUG 07 20:13:37	54.0	0.33	8.12	1.
3328	2014 AUG 08 04:15:45	55.8	0.33	8.31	1.
3329	2014 AUG 08 12:17:53	57.6	0.33	8.49	1.
3330	2014 AUG 08 20:20:00	59.4	0.34	8.65	1.
3331	2014 AUG 09 04:22:08	61.2	0.34	8.81	2.
3332	2014 AUG 09 12:24:17	62.9	0.34	8.95	2.
3333	2014 AUG 09 20:26:25	64.7	0.34	9.09	2.
3334	2014 AUG 10 04:28:33	66.4	0.34	9.21	3.
3335	2014 AUG 10 12:30:40	68.1	0.34	9.33	3.
3336	2014 AUG 10 20:32:48	69.8	0.35	9.43	3.
3337	2014 AUG 11 04:34:57	71.5	0.35	9.53	4.
3338	2014 AUG 11 12:37:03	73.1	0.35	9.62	4.
3339	2014 AUG 11 20:39:11	74.8	0.35	9.70	5.
3340	2014 AUG 12 04:41:18	76.4	0.35	9.77	5.
3341	2014 AUG 12 12:43:26	78.0	0.36	9.83	5.
3342	2014 AUG 12 20:45:33	79.6	0.36	9.89	6.
3343	2014 AUG 13 04:47:41	81.1	0.36	9.94	6.
3344	2014 AUG 13 12:49:48	82.7	0.36	9.97	7.
3345	2014 AUG 13 20:51:54	84.2	0.36	10.01	7.
3346	2014 AUG 14 04:54:01	85.7	0.36	10.03	8.
3347	2014 AUG 14 12:56:07	87.2	0.37	10.05	9.
3348	2014 AUG 14 20:58:14	88.7	0.37	10.06	9.
3349	2014 AUG 15 05:00:21	90.2	0.37	10.06	10.
3350	2014 AUG 15 13:02:27	91.6	0.37	10.06	10.
3351	2014 AUG 15 21:04:34	93.1	0.37	10.05	11.
3352	2014 AUG 16 05:06:40	94.5	0.38	10.03	12.
3353	2014 AUG 16 13:08:47	95.9	0.38	10.01	12.
3354	2014 AUG 16 21:10:52	97.3	0.38	9.98	13.
3355	2014 AUG 17 05:12:58	98.7	0.38	9.95	14.
3356	2014 AUG 17 13:15:03	100.0	0.38	9.91	14.
3357	2014 AUG 17 21:17:10	101.4	0.39	9.86	15.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
3358	2014 AUG 18 05:19:14	102.7	0.39	9.82	16.
3359	2014 AUG 18 13:21:19	104.1	0.39	9.76	16.
3360	2014 AUG 18 21:23:26	105.4	0.39	9.70	17.
3361	2014 AUG 19 05:25:30	106.7	0.39	9.64	18.
3362	2014 AUG 19 13:27:35	108.0	0.40	9.57	19.
3363	2014 AUG 19 21:29:40	109.2	0.40	9.50	19.
3364	2014 AUG 20 05:31:45	110.5	0.40	9.43	20.
3365	2014 AUG 20 13:33:50	111.8	0.40	9.35	21.
3366	2014 AUG 20 21:35:55	113.0	0.40	9.27	22.
3367	2014 AUG 21 05:37:59	114.2	0.40	9.18	23.
3368	2014 AUG 21 13:40:04	115.4	0.41	9.09	23.
3369	2014 AUG 21 21:42:09	116.7	0.41	9.00	24.
3370	2014 AUG 22 05:44:14	117.9	0.41	8.90	25.
3371	2014 AUG 22 13:46:17	119.0	0.41	8.80	26.
3372	2014 AUG 22 21:48:22	120.2	0.41	8.70	27.
3373	2014 AUG 23 05:50:26	121.4	0.42	8.60	28.
3374	2014 AUG 23 13:52:31	122.6	0.42	8.49	29.
3375	2014 AUG 23 21:54:36	123.7	0.42	8.38	30.
3376	2014 AUG 24 05:56:39	124.8	0.42	8.26	31.
3377	2014 AUG 24 13:58:44	126.0	0.42	8.15	31.
3378	2014 AUG 24 22:00:49	127.1	0.42	8.03	32.
3379	2014 AUG 25 06:02:53	128.2	0.42	7.91	33.
3380	2014 AUG 25 14:04:57	129.3	0.43	7.79	34.
3381	2014 AUG 25 22:07:01	130.4	0.43	7.67	35.
3382	2014 AUG 26 06:09:06	131.5	0.43	7.54	36.
3383	2014 AUG 26 14:11:09	132.6	0.43	7.41	37.
3384	2014 AUG 26 22:13:14	133.7	0.43	7.28	38.
3385	2014 AUG 27 06:15:17	134.8	0.43	7.15	39.
3386	2014 AUG 27 14:17:22	135.8	0.43	7.02	40.
3387	2014 AUG 27 22:19:27	136.9	0.44	6.88	41.
3388	2014 AUG 28 06:21:30	137.9	0.44	6.75	42.
3389	2014 AUG 28 14:23:34	139.0	0.44	6.61	43.
3390	2014 AUG 28 22:25:38	140.0	0.44	6.47	44.
3391	2014 AUG 29 06:27:42	141.1	0.44	6.33	45.
3392	2014 AUG 29 14:29:45	142.1	0.44	6.19	46.
3393	2014 AUG 29 22:31:50	143.1	0.44	6.05	47.
3394	2014 AUG 30 06:33:53	144.1	0.44	5.90	48.
3395	2014 AUG 30 14:35:56	145.1	0.45	5.76	49.
3396	2014 AUG 30 22:38:01	146.1	0.45	5.61	50.
3397	2014 AUG 31 06:40:04	147.1	0.45	5.47	51.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} ($^{\circ}$)
3398	2014 AUG 31 14:42:07	148.1	0.45	5.32	52.
3399	2014 AUG 31 22:44:12	149.1	0.45	5.17	53.
3400	2014 SEP 01 06:46:15	150.1	0.45	5.02	55.
3401	2014 SEP 01 14:48:18	151.1	0.45	4.87	56.
3402	2014 SEP 01 22:50:21	152.1	0.45	4.72	57.
3403	2014 SEP 02 06:52:26	153.1	0.45	4.57	58.
3404	2014 SEP 02 14:54:29	154.0	0.45	4.41	59.
3405	2014 SEP 02 22:56:32	155.0	0.46	4.26	60.
3406	2014 SEP 03 06:58:35	156.0	0.46	4.11	61.
3407	2014 SEP 03 15:00:38	156.9	0.46	3.95	62.
3408	2014 SEP 03 23:02:43	157.9	0.46	3.80	63.
3409	2014 SEP 04 07:04:46	158.8	0.46	3.64	64.
3410	2014 SEP 04 15:06:49	159.8	0.46	3.48	65.
3411	2014 SEP 04 23:08:52	160.7	0.46	3.33	66.
3412	2014 SEP 05 07:10:55	161.7	0.46	3.17	68.
3413	2014 SEP 05 15:12:58	162.6	0.46	3.01	69.
3414	2014 SEP 05 23:15:01	163.6	0.46	2.85	70.
3415	2014 SEP 06 07:17:04	164.5	0.46	2.69	71.
3416	2014 SEP 06 15:19:07	165.4	0.46	2.53	72.
3417	2014 SEP 06 23:21:10	166.4	0.46	2.37	73.
3418	2014 SEP 07 07:23:13	167.3	0.46	2.21	74.
3419	2014 SEP 07 15:25:16	168.2	0.46	2.05	75.
3420	2014 SEP 07 23:27:19	169.2	0.46	1.89	77.
3421	2014 SEP 08 07:29:21	170.1	0.46	1.73	78.
3422	2014 SEP 08 15:31:24	171.0	0.47	1.57	79.
3423	2014 SEP 08 23:33:27	171.9	0.47	1.41	80.
3424	2014 SEP 09 07:35:30	172.9	0.47	1.25	81.
3425	2014 SEP 09 15:37:33	173.8	0.47	1.09	82.
3426	2014 SEP 09 23:39:36	174.7	0.47	0.93	83.
3427	2014 SEP 10 07:41:39	175.6	0.47	0.77	84.
3428	2014 SEP 10 15:43:40	176.6	0.47	0.60	86.
3429	2014 SEP 10 23:45:43	177.5	0.47	0.44	87.
3430	2014 SEP 11 07:47:46	178.4	0.47	0.28	88.
3431	2014 SEP 11 15:49:49	179.3	0.47	0.12	89.
3432	2014 SEP 11 23:51:53	180.2	0.47	-0.04	90.
3433	2014 SEP 12 07:53:56	181.2	0.47	-0.21	91.
3434	2014 SEP 12 15:55:59	182.1	0.47	-0.37	92.
3435	2014 SEP 13 00:01:13	183.0	0.47	-0.53	93.
3436	2014 SEP 13 08:06:30	183.9	0.47	-0.69	95.
3437	2014 SEP 13 16:11:46	184.9	0.47	-0.86	96.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3438	2014 SEP 14 00:17:02	185.8	0.47	-1.02	97.
3439	2014 SEP 14 08:22:19	186.7	0.47	-1.18	98.
3440	2014 SEP 14 16:27:35	187.7	0.47	-1.34	99.
3441	2014 SEP 15 00:32:52	188.6	0.47	-1.51	100.
3442	2014 SEP 15 08:38:08	189.5	0.47	-1.67	101.
3443	2014 SEP 15 16:43:25	190.5	0.46	-1.83	103.
3444	2014 SEP 16 00:48:41	191.4	0.46	-1.99	104.
3445	2014 SEP 16 08:53:57	192.3	0.46	-2.15	105.
3446	2014 SEP 16 16:59:14	193.3	0.46	-2.31	106.
3447	2014 SEP 17 01:04:30	194.2	0.46	-2.47	107.
3448	2014 SEP 17 09:09:47	195.2	0.46	-2.63	108.
3449	2014 SEP 17 17:15:03	196.1	0.46	-2.79	109.
3450	2014 SEP 18 01:20:19	197.1	0.46	-2.95	110.
3451	2014 SEP 18 09:25:36	198.0	0.46	-3.11	112.
3452	2014 SEP 18 17:30:52	199.0	0.46	-3.27	113.
3453	2014 SEP 19 01:36:09	199.9	0.46	-3.43	114.
3454	2014 SEP 19 09:41:25	200.9	0.46	-3.59	115.
3455	2014 SEP 19 17:46:41	201.8	0.46	-3.75	116.
3456	2014 SEP 20 01:52:00	202.8	0.46	-3.90	117.
3457	2014 SEP 20 09:57:16	203.8	0.46	-4.06	118.
3458	2014 SEP 20 18:02:32	204.7	0.46	-4.21	119.
3459	2014 SEP 21 02:07:49	205.7	0.46	-4.37	120.
3460	2014 SEP 21 10:13:05	206.7	0.45	-4.52	122.
3461	2014 SEP 21 18:18:23	207.7	0.45	-4.68	123.
3462	2014 SEP 22 02:23:40	208.6	0.45	-4.83	124.
3463	2014 SEP 22 10:28:56	209.6	0.45	-4.98	125.
3464	2014 SEP 22 18:34:14	210.6	0.45	-5.13	126.
3465	2014 SEP 23 02:39:31	211.6	0.45	-5.28	127.
3466	2014 SEP 23 10:44:47	212.6	0.45	-5.43	128.
3467	2014 SEP 23 18:50:05	213.6	0.45	-5.58	129.
3468	2014 SEP 24 02:55:22	214.7	0.45	-5.73	130.
3469	2014 SEP 24 11:00:38	215.7	0.45	-5.87	131.
3470	2014 SEP 24 19:05:56	216.7	0.44	-6.02	132.
3471	2014 SEP 25 03:11:13	217.7	0.44	-6.16	133.
3472	2014 SEP 25 11:16:31	218.8	0.44	-6.30	134.
3473	2014 SEP 25 19:21:47	219.8	0.44	-6.45	135.
3474	2014 SEP 26 03:27:04	220.8	0.44	-6.59	136.
3475	2014 SEP 26 11:32:22	221.9	0.44	-6.72	137.
3476	2014 SEP 26 19:37:40	222.9	0.44	-6.86	138.
3477	2014 SEP 27 03:42:56	224.0	0.44	-7.00	139.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3478	2014 SEP 27 11:48:15	225.1	0.43	-7.13	140.
3479	2014 SEP 27 19:53:31	226.2	0.43	-7.26	141.
3480	2014 SEP 28 03:58:49	227.2	0.43	-7.39	142.
3481	2014 SEP 28 12:04:07	228.3	0.43	-7.52	143.
3482	2014 SEP 28 20:09:24	229.4	0.43	-7.65	144.
3483	2014 SEP 29 04:14:42	230.5	0.43	-7.77	145.
3484	2014 SEP 29 12:20:00	231.7	0.42	-7.90	146.
3485	2014 SEP 29 20:25:18	232.8	0.42	-8.02	147.
3486	2014 SEP 30 04:30:36	233.9	0.42	-8.14	148.
3487	2014 SEP 30 12:35:55	235.1	0.42	-8.25	149.
3488	2014 SEP 30 20:41:13	236.2	0.42	-8.37	150.
3489	2014 OCT 01 04:46:31	237.4	0.42	-8.48	151.
3490	2014 OCT 01 12:51:49	238.5	0.42	-8.59	152.
3491	2014 OCT 01 20:57:07	239.7	0.41	-8.69	153.
3492	2014 OCT 02 05:02:25	240.9	0.41	-8.80	153.
3493	2014 OCT 02 13:07:43	242.1	0.41	-8.90	154.
3494	2014 OCT 02 21:13:02	243.3	0.41	-8.99	155.
3495	2014 OCT 03 05:18:22	244.5	0.41	-9.09	156.
3496	2014 OCT 03 13:23:40	245.7	0.40	-9.18	157.
3497	2014 OCT 03 21:28:58	247.0	0.40	-9.26	158.
3498	2014 OCT 04 05:34:18	248.2	0.40	-9.35	159.
3499	2014 OCT 04 13:39:36	249.5	0.40	-9.43	159.
3500	2014 OCT 04 21:44:56	250.8	0.40	-9.50	160.
3501	2014 OCT 05 05:50:14	252.1	0.40	-9.57	161.
3502	2014 OCT 05 13:55:34	253.4	0.39	-9.64	162.
3503	2014 OCT 05 22:00:54	254.7	0.39	-9.71	162.
3504	2014 OCT 06 06:06:12	256.0	0.39	-9.76	163.
3505	2014 OCT 06 14:11:32	257.3	0.39	-9.82	164.
3506	2014 OCT 06 22:16:52	258.7	0.39	-9.87	165.
3507	2014 OCT 07 06:22:12	260.0	0.38	-9.91	165.
3508	2014 OCT 07 14:27:32	261.4	0.38	-9.95	166.
3509	2014 OCT 07 22:32:52	262.8	0.38	-9.98	167.
3510	2014 OCT 08 06:38:12	264.2	0.38	-10.01	167.
3511	2014 OCT 08 14:43:32	265.6	0.38	-10.03	168.
3512	2014 OCT 08 22:48:51	267.1	0.37	-10.05	169.
3513	2014 OCT 09 06:54:11	268.5	0.37	-10.06	169.
3514	2014 OCT 09 14:59:31	270.0	0.37	-10.06	170.
3515	2014 OCT 09 23:04:53	271.5	0.37	-10.06	170.
3516	2014 OCT 10 07:10:13	273.0	0.37	-10.05	171.
3517	2014 OCT 10 15:15:33	274.5	0.36	-10.03	172.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3518	2014 OCT 10 23:20:55	276.0	0.36	-10.00	172.
3519	2014 OCT 11 07:26:14	277.5	0.36	-9.97	173.
3520	2014 OCT 11 15:31:36	279.1	0.36	-9.93	173.
3521	2014 OCT 11 23:36:56	280.7	0.36	-9.88	174.
3522	2014 OCT 12 07:42:18	282.3	0.36	-9.83	174.
3523	2014 OCT 12 15:47:39	283.9	0.35	-9.76	175.
3524	2014 OCT 12 23:53:01	285.5	0.35	-9.69	175.
3525	2014 OCT 13 07:58:21	287.2	0.35	-9.61	175.
3526	2014 OCT 13 16:03:43	288.8	0.35	-9.52	176.
3527	2014 OCT 14 00:09:04	290.5	0.35	-9.42	176.
3528	2014 OCT 14 08:14:26	292.2	0.34	-9.31	177.
3529	2014 OCT 14 16:19:48	293.9	0.34	-9.19	177.
3530	2014 OCT 15 00:25:09	295.7	0.34	-9.06	177.
3531	2014 OCT 15 08:30:33	297.4	0.34	-8.92	178.
3532	2014 OCT 15 16:35:55	299.2	0.34	-8.77	178.
3533	2014 OCT 16 00:41:16	301.0	0.34	-8.62	178.
3534	2014 OCT 16 08:46:38	302.8	0.33	-8.45	178.
3535	2014 OCT 16 16:52:01	304.6	0.33	-8.27	179.
3536	2014 OCT 17 00:57:23	306.5	0.33	-8.08	179.
3537	2014 OCT 17 09:02:45	308.3	0.33	-7.88	179.
3538	2014 OCT 17 17:08:08	310.2	0.33	-7.67	179.
3539	2014 OCT 18 01:13:30	312.1	0.33	-7.45	179.
3540	2014 OCT 18 09:18:51	314.0	0.32	-7.22	180.
3541	2014 OCT 18 17:24:15	316.0	0.32	-6.98	180.
3542	2014 OCT 19 01:29:37	317.9	0.32	-6.73	180.
3543	2014 OCT 19 09:34:58	319.9	0.32	-6.47	180.
3544	2014 OCT 19 17:40:22	321.9	0.32	-6.20	180.
3545	2014 OCT 20 01:45:43	323.9	0.32	-5.92	180.
3546	2014 OCT 20 09:51:07	325.9	0.32	-5.64	180.
3547	2014 OCT 20 17:56:28	327.9	0.32	-5.34	180.
3548	2014 OCT 21 02:01:50	329.9	0.31	-5.03	180.
3549	2014 OCT 21 10:07:14	332.0	0.31	-4.72	180.
3550	2014 OCT 21 18:12:35	334.1	0.31	-4.39	180.
3551	2014 OCT 22 02:17:57	336.1	0.31	-4.06	180.
3552	2014 OCT 22 10:23:20	338.2	0.31	-3.73	180.
3553	2014 OCT 22 18:28:42	340.3	0.31	-3.38	180.
3554	2014 OCT 23 02:34:04	342.4	0.31	-3.03	180.
3555	2014 OCT 23 10:39:25	344.5	0.31	-2.68	180.
3556	2014 OCT 23 18:44:47	346.7	0.31	-2.32	180.
3557	2014 OCT 24 02:50:11	348.8	0.31	-1.95	180.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3558	2014 OCT 24 10:55:32	350.9	0.31	-1.59	180.
3559	2014 OCT 24 19:00:56	353.0	0.31	-1.22	180.
3560	2014 OCT 25 03:13:46	355.2	0.31	-0.84	180.
3561	2014 OCT 25 11:26:34	357.4	0.31	-0.46	180.
3562	2014 OCT 25 19:39:22	359.6	0.31	-0.08	180.
3563	2014 OCT 26 03:52:12	1.7	0.31	0.31	180.
3564	2014 OCT 26 12:05:00	3.9	0.31	0.69	180.
3565	2014 OCT 26 20:17:48	6.1	0.31	1.07	180.
3566	2014 OCT 27 04:30:36	8.3	0.31	1.44	180.
3567	2014 OCT 27 12:43:26	10.4	0.31	1.82	179.
3568	2014 OCT 27 20:56:14	12.6	0.31	2.19	179.
3569	2014 OCT 28 05:09:03	14.7	0.31	2.56	179.
3570	2014 OCT 28 13:21:51	16.9	0.31	2.92	179.
3571	2014 OCT 28 21:34:39	19.0	0.31	3.27	179.
3572	2014 OCT 29 05:47:29	21.2	0.31	3.62	179.
3573	2014 OCT 29 14:00:17	23.3	0.31	3.97	179.
3574	2014 OCT 29 22:13:05	25.4	0.31	4.31	179.
3575	2014 OCT 30 06:25:55	27.5	0.31	4.64	179.
3576	2014 OCT 30 14:38:43	29.6	0.31	4.96	179.
3577	2014 OCT 30 22:51:31	31.7	0.32	5.27	179.
3578	2014 OCT 31 07:04:21	33.7	0.32	5.57	179.
3579	2014 OCT 31 15:17:10	35.8	0.32	5.87	179.
3580	2014 OCT 31 23:29:58	37.8	0.32	6.15	179.
3581	2014 NOV 01 07:42:48	39.8	0.32	6.43	180.
3582	2014 NOV 01 15:55:36	41.8	0.32	6.70	180.
3583	2014 NOV 02 00:08:26	43.8	0.32	6.95	180.
3584	2014 NOV 02 08:21:16	45.8	0.32	7.20	180.
3585	2014 NOV 02 16:34:04	47.7	0.33	7.43	180.
3586	2014 NOV 03 00:46:54	49.6	0.33	7.65	180.
3587	2014 NOV 03 08:59:42	51.5	0.33	7.87	180.
3588	2014 NOV 03 17:12:32	53.4	0.33	8.07	181.
3589	2014 NOV 04 01:25:22	55.3	0.33	8.26	181.
3590	2014 NOV 04 09:38:12	57.2	0.33	8.44	181.
3591	2014 NOV 04 17:51:00	59.0	0.34	8.61	181.
3592	2014 NOV 05 02:03:50	60.8	0.34	8.78	182.
3593	2014 NOV 05 10:16:40	62.6	0.34	8.93	182.
3594	2014 NOV 05 18:29:30	64.4	0.34	9.07	182.
3595	2014 NOV 06 02:42:19	66.2	0.34	9.20	183.
3596	2014 NOV 06 10:55:09	67.9	0.34	9.32	183.
3597	2014 NOV 06 19:07:59	69.7	0.35	9.43	183.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3598	2014 NOV 07 03:20:47	71.4	0.35	9.53	184.
3599	2014 NOV 07 11:33:37	73.1	0.35	9.62	184.
3600	2014 NOV 07 19:46:27	74.7	0.35	9.70	185.
3601	2014 NOV 08 03:59:17	76.4	0.35	9.77	185.
3602	2014 NOV 08 12:12:05	78.0	0.36	9.84	185.
3603	2014 NOV 08 20:24:55	79.6	0.36	9.89	186.
3604	2014 NOV 09 04:37:43	81.2	0.36	9.94	186.
3605	2014 NOV 09 12:50:33	82.8	0.36	9.98	187.
3606	2014 NOV 09 21:03:22	84.4	0.36	10.01	188.
3607	2014 NOV 10 05:16:12	85.9	0.37	10.03	188.
3608	2014 NOV 10 13:29:00	87.5	0.37	10.05	189.
3609	2014 NOV 10 21:41:48	89.0	0.37	10.06	189.
3610	2014 NOV 11 05:54:36	90.5	0.37	10.06	190.
3611	2014 NOV 11 14:07:24	92.0	0.37	10.05	190.
3612	2014 NOV 11 22:20:14	93.4	0.38	10.04	191.
3613	2014 NOV 12 06:33:02	94.9	0.38	10.02	192.
3614	2014 NOV 12 14:45:49	96.3	0.38	10.00	192.
3615	2014 NOV 12 22:58:37	97.7	0.38	9.97	193.
3616	2014 NOV 13 07:11:25	99.1	0.38	9.93	194.
3617	2014 NOV 13 15:24:13	100.5	0.39	9.89	194.
3618	2014 NOV 13 23:37:00	101.9	0.39	9.85	195.
3619	2014 NOV 14 07:49:48	103.3	0.39	9.79	196.
3620	2014 NOV 14 16:02:36	104.6	0.39	9.74	197.
3621	2014 NOV 15 00:15:22	106.0	0.39	9.68	197.
3622	2014 NOV 15 08:28:10	107.3	0.39	9.61	198.
3623	2014 NOV 15 16:40:57	108.6	0.40	9.54	199.
3624	2014 NOV 16 00:53:43	109.9	0.40	9.47	200.
3625	2014 NOV 16 09:06:31	111.2	0.40	9.39	201.
3626	2014 NOV 16 17:19:18	112.5	0.40	9.30	201.
3627	2014 NOV 17 01:32:04	113.7	0.40	9.22	202.
3628	2014 NOV 17 09:44:51	115.0	0.41	9.13	203.
3629	2014 NOV 17 17:57:39	116.2	0.41	9.03	204.
3630	2014 NOV 18 02:10:25	117.4	0.41	8.94	205.
3631	2014 NOV 18 10:23:12	118.7	0.41	8.84	206.
3632	2014 NOV 18 18:35:58	119.9	0.41	8.73	207.
3633	2014 NOV 19 02:48:46	121.1	0.41	8.63	208.
3634	2014 NOV 19 11:01:33	122.3	0.42	8.52	208.
3635	2014 NOV 19 19:14:19	123.4	0.42	8.40	209.
3636	2014 NOV 20 03:27:05	124.6	0.42	8.29	210.
3637	2014 NOV 20 11:39:54	125.8	0.42	8.17	211.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3638	2014 NOV 20 19:52:40	126.9	0.42	8.05	212.
3639	2014 NOV 21 04:05:26	128.1	0.42	7.93	213.
3640	2014 NOV 21 12:18:13	129.2	0.43	7.81	214.
3641	2014 NOV 21 20:30:59	130.3	0.43	7.68	215.
3642	2014 NOV 22 04:43:47	131.4	0.43	7.55	216.
3643	2014 NOV 22 12:56:34	132.5	0.43	7.42	217.
3644	2014 NOV 22 21:09:20	133.6	0.43	7.29	218.
3645	2014 NOV 23 05:22:07	134.7	0.43	7.15	219.
3646	2014 NOV 23 13:34:53	135.8	0.43	7.02	220.
3647	2014 NOV 23 21:47:39	136.9	0.44	6.88	221.
3648	2014 NOV 24 06:00:28	138.0	0.44	6.74	222.
3649	2014 NOV 24 14:13:14	139.1	0.44	6.60	223.
3650	2014 NOV 24 22:26:00	140.1	0.44	6.46	224.
3651	2014 NOV 25 06:38:47	141.2	0.44	6.32	225.
3652	2014 NOV 25 14:51:33	142.2	0.44	6.17	226.
3653	2014 NOV 25 23:04:20	143.3	0.44	6.03	227.
3654	2014 NOV 26 07:17:06	144.3	0.44	5.88	228.
3655	2014 NOV 26 15:29:52	145.3	0.45	5.73	229.
3656	2014 NOV 26 23:42:39	146.4	0.45	5.58	231.
3657	2014 NOV 27 07:55:25	147.4	0.45	5.43	232.
3658	2014 NOV 27 16:08:12	148.4	0.45	5.28	233.
3659	2014 NOV 28 00:20:58	149.4	0.45	5.13	234.
3660	2014 NOV 28 08:33:44	150.4	0.45	4.97	235.
3661	2014 NOV 28 16:46:31	151.4	0.45	4.82	236.
3662	2014 NOV 29 00:59:17	152.4	0.45	4.66	237.
3663	2014 NOV 29 09:12:04	153.4	0.45	4.51	238.
3664	2014 NOV 29 17:24:48	154.4	0.46	4.35	239.
3665	2014 NOV 30 01:37:35	155.4	0.46	4.19	240.
3666	2014 NOV 30 09:50:21	156.4	0.46	4.04	241.
3667	2014 NOV 30 18:03:08	157.4	0.46	3.88	243.
3668	2014 DEC 01 02:15:54	158.3	0.46	3.72	244.
3669	2014 DEC 01 10:28:39	159.3	0.46	3.56	245.
3670	2014 DEC 01 18:41:25	160.3	0.46	3.40	246.
3671	2014 DEC 02 02:54:11	161.3	0.46	3.24	247.
3672	2014 DEC 02 11:06:58	162.2	0.46	3.08	248.
3673	2014 DEC 02 19:19:44	163.2	0.46	2.91	249.
3674	2014 DEC 03 03:32:29	164.1	0.46	2.75	251.
3675	2014 DEC 03 11:45:15	165.1	0.46	2.59	252.
3676	2014 DEC 03 19:58:02	166.1	0.46	2.43	253.
3677	2014 DEC 04 04:10:46	167.0	0.46	2.26	254.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3678	2014 DEC 04 12:23:33	168.0	0.46	2.10	255.
3679	2014 DEC 04 20:36:19	168.9	0.46	1.94	256.
3680	2014 DEC 05 04:49:04	169.9	0.46	1.77	257.
3681	2014 DEC 05 13:01:50	170.8	0.47	1.61	259.
3682	2014 DEC 05 21:14:37	171.8	0.47	1.44	260.
3683	2014 DEC 06 05:27:21	172.7	0.47	1.28	261.
3684	2014 DEC 06 13:40:08	173.7	0.47	1.11	262.
3685	2014 DEC 06 21:52:52	174.6	0.47	0.95	263.
3686	2014 DEC 07 06:05:39	175.5	0.47	0.78	264.
3687	2014 DEC 07 14:18:23	176.5	0.47	0.62	265.
3688	2014 DEC 07 22:31:10	177.4	0.47	0.45	267.
3689	2014 DEC 08 06:43:56	178.4	0.47	0.29	268.
3690	2014 DEC 08 14:56:41	179.3	0.47	0.12	269.
3691	2014 DEC 08 23:09:27	180.3	0.47	-0.04	270.
3692	2014 DEC 09 07:22:12	181.2	0.47	-0.21	271.
3693	2014 DEC 09 15:34:58	182.1	0.47	-0.38	272.
3694	2014 DEC 09 23:47:45	183.1	0.47	-0.54	274.
3695	2014 DEC 10 08:00:29	184.0	0.47	-0.71	275.
3696	2014 DEC 10 16:13:16	185.0	0.47	-0.87	276.
3697	2014 DEC 11 00:26:00	185.9	0.47	-1.04	277.
3698	2014 DEC 11 08:38:47	186.9	0.47	-1.20	278.
3699	2014 DEC 11 16:51:33	187.8	0.47	-1.37	279.
3700	2014 DEC 12 01:04:18	188.7	0.47	-1.53	280.
3701	2014 DEC 12 09:17:04	189.7	0.46	-1.70	282.
3702	2014 DEC 12 17:29:51	190.6	0.46	-1.86	283.
3703	2014 DEC 13 01:42:37	191.6	0.46	-2.02	284.
3704	2014 DEC 13 09:55:22	192.5	0.46	-2.19	285.
3705	2014 DEC 13 18:08:08	193.5	0.46	-2.35	286.
3706	2014 DEC 14 02:20:55	194.5	0.46	-2.51	287.
3707	2014 DEC 14 10:33:41	195.4	0.46	-2.68	289.
3708	2014 DEC 14 18:46:26	196.4	0.46	-2.84	290.
3709	2014 DEC 15 02:59:12	197.3	0.46	-3.00	291.
3710	2014 DEC 15 11:11:58	198.3	0.46	-3.16	292.
3711	2014 DEC 15 19:24:45	199.3	0.46	-3.32	293.
3712	2014 DEC 16 03:37:31	200.2	0.46	-3.48	294.
3713	2014 DEC 16 11:50:18	201.2	0.46	-3.64	295.
3714	2014 DEC 16 20:03:04	202.2	0.46	-3.80	296.
3715	2014 DEC 17 04:15:50	203.2	0.46	-3.96	298.
3716	2014 DEC 17 12:28:37	204.1	0.46	-4.12	299.
3717	2014 DEC 17 20:41:23	205.1	0.46	-4.28	300.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3718	2014 DEC 18 04:54:10	206.1	0.45	-4.44	301.
3719	2014 DEC 18 13:06:56	207.1	0.45	-4.59	302.
3720	2014 DEC 18 21:19:42	208.1	0.45	-4.75	303.
3721	2014 DEC 19 05:32:29	209.1	0.45	-4.90	304.
3722	2014 DEC 19 13:45:15	210.1	0.45	-5.06	305.
3723	2014 DEC 19 21:58:02	211.1	0.45	-5.21	306.
3724	2014 DEC 20 06:10:48	212.2	0.45	-5.36	307.
3725	2014 DEC 20 14:23:34	213.2	0.45	-5.51	309.
3726	2014 DEC 20 22:36:23	214.2	0.45	-5.66	310.
3727	2014 DEC 21 06:49:09	215.2	0.45	-5.81	311.
3728	2014 DEC 21 15:01:55	216.3	0.44	-5.96	312.
3729	2014 DEC 21 23:14:42	217.3	0.44	-6.10	313.
3730	2014 DEC 22 07:27:30	218.4	0.44	-6.25	314.
3731	2014 DEC 22 15:40:16	219.4	0.44	-6.39	315.
3732	2014 DEC 22 23:53:05	220.5	0.44	-6.54	316.
3733	2014 DEC 23 08:05:51	221.5	0.44	-6.68	317.
3734	2014 DEC 23 16:18:37	222.6	0.44	-6.82	318.
3735	2014 DEC 24 00:31:26	223.7	0.44	-6.96	319.
3736	2014 DEC 24 08:44:12	224.8	0.43	-7.09	320.
3737	2014 DEC 24 16:57:00	225.9	0.43	-7.23	321.
3738	2014 DEC 25 01:09:48	227.0	0.43	-7.36	322.
3739	2014 DEC 25 09:22:35	228.1	0.43	-7.49	323.
3740	2014 DEC 25 17:35:23	229.2	0.43	-7.62	324.
3741	2014 DEC 26 01:48:11	230.3	0.43	-7.75	325.
3742	2014 DEC 26 10:00:57	231.4	0.43	-7.87	326.
3743	2014 DEC 26 18:13:46	232.6	0.42	-8.00	327.
3744	2014 DEC 27 02:26:34	233.7	0.42	-8.12	328.
3745	2014 DEC 27 10:39:22	234.9	0.42	-8.24	329.
3746	2014 DEC 27 18:52:10	236.1	0.42	-8.35	330.
3747	2014 DEC 28 03:04:58	237.2	0.42	-8.46	331.
3748	2014 DEC 28 11:17:46	238.4	0.42	-8.58	332.
3749	2014 DEC 28 19:30:35	239.6	0.41	-8.68	332.
3750	2014 DEC 29 03:43:23	240.8	0.41	-8.79	333.
3751	2014 DEC 29 11:56:11	242.0	0.41	-8.89	334.
3752	2014 DEC 29 20:08:59	243.3	0.41	-8.99	335.
3753	2014 DEC 30 04:21:47	244.5	0.41	-9.08	336.
3754	2014 DEC 30 12:34:35	245.7	0.40	-9.18	337.
3755	2014 DEC 30 20:47:25	247.0	0.40	-9.26	338.
3756	2014 DEC 31 05:00:13	248.3	0.40	-9.35	339.
3757	2014 DEC 31 13:13:02	249.5	0.40	-9.43	339.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3758	2014 DEC 31 21:25:52	250.8	0.40	-9.51	340.
3759	2015 JAN 01 05:38:40	252.1	0.40	-9.58	341.
3760	2015 JAN 01 13:51:30	253.5	0.39	-9.65	342.
3761	2015 JAN 01 22:04:18	254.8	0.39	-9.71	343.
3762	2015 JAN 02 06:17:08	256.1	0.39	-9.77	343.
3763	2015 JAN 02 14:29:56	257.5	0.39	-9.82	344.
3764	2015 JAN 02 22:42:46	258.9	0.39	-9.87	345.
3765	2015 JAN 03 06:55:36	260.3	0.38	-9.92	345.
3766	2015 JAN 03 15:08:26	261.7	0.38	-9.95	346.
3767	2015 JAN 03 23:21:16	263.1	0.38	-9.99	347.
3768	2015 JAN 04 07:34:04	264.5	0.38	-10.01	348.
3769	2015 JAN 04 15:46:54	265.9	0.38	-10.03	348.
3770	2015 JAN 04 23:59:44	267.4	0.37	-10.05	349.
3771	2015 JAN 05 08:12:35	268.9	0.37	-10.06	349.
3772	2015 JAN 05 16:25:25	270.4	0.37	-10.06	350.
3773	2015 JAN 06 00:38:15	271.9	0.37	-10.05	351.
3774	2015 JAN 06 08:51:05	273.4	0.37	-10.04	351.
3775	2015 JAN 06 17:03:55	274.9	0.36	-10.02	352.
3776	2015 JAN 07 01:16:47	276.5	0.36	-9.99	352.
3777	2015 JAN 07 09:29:37	278.1	0.36	-9.96	353.
3778	2015 JAN 07 17:42:28	279.7	0.36	-9.91	353.
3779	2015 JAN 08 01:55:18	281.3	0.36	-9.86	354.
3780	2015 JAN 08 10:08:10	282.9	0.35	-9.80	354.
3781	2015 JAN 08 18:21:00	284.5	0.35	-9.73	355.
3782	2015 JAN 09 02:33:51	286.2	0.35	-9.66	355.
3783	2015 JAN 09 10:46:43	287.9	0.35	-9.57	356.
3784	2015 JAN 09 18:59:33	289.6	0.35	-9.47	356.
3785	2015 JAN 10 03:12:25	291.3	0.34	-9.37	356.
3786	2015 JAN 10 11:25:16	293.0	0.34	-9.25	357.
3787	2015 JAN 10 19:38:08	294.8	0.34	-9.13	357.
3788	2015 JAN 11 03:50:58	296.6	0.34	-8.99	357.
3789	2015 JAN 11 12:03:50	298.4	0.34	-8.85	358.
3790	2015 JAN 11 20:16:41	300.2	0.34	-8.69	358.
3791	2015 JAN 12 04:29:33	302.0	0.33	-8.52	358.
3792	2015 JAN 12 12:42:25	303.9	0.33	-8.35	359.
3793	2015 JAN 12 20:55:16	305.7	0.33	-8.16	359.
3794	2015 JAN 13 05:08:08	307.6	0.33	-7.96	359.
3795	2015 JAN 13 13:21:00	309.5	0.33	-7.75	359.
3796	2015 JAN 13 21:33:51	311.4	0.33	-7.53	359.
3797	2015 JAN 14 05:46:43	313.4	0.32	-7.30	360.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3798	2015 JAN 14 13:59:35	315.3	0.32	-7.06	360.
3799	2015 JAN 14 22:12:27	317.3	0.32	-6.81	360.
3800	2015 JAN 15 06:25:18	319.3	0.32	-6.55	360.
3801	2015 JAN 15 14:38:10	321.3	0.32	-6.28	0.
3802	2015 JAN 15 22:51:02	323.3	0.32	-6.00	0.
3803	2015 JAN 16 07:03:51	325.4	0.32	-5.71	0.
3804	2015 JAN 16 15:16:43	327.4	0.32	-5.41	0.
3805	2015 JAN 16 23:29:35	329.5	0.31	-5.10	0.
3806	2015 JAN 17 07:42:27	331.6	0.31	-4.78	0.
3807	2015 JAN 17 15:55:18	333.7	0.31	-4.46	0.
3808	2015 JAN 18 00:08:10	335.8	0.31	-4.12	0.
3809	2015 JAN 18 08:21:00	337.9	0.31	-3.78	0.
3810	2015 JAN 18 16:33:51	340.0	0.31	-3.43	0.
3811	2015 JAN 19 00:46:43	342.1	0.31	-3.08	0.
3812	2015 JAN 19 08:59:33	344.3	0.31	-2.72	0.
3813	2015 JAN 19 17:12:25	346.4	0.31	-2.36	0.
3814	2015 JAN 20 01:25:16	348.6	0.31	-1.99	0.
3815	2015 JAN 20 09:38:06	350.8	0.31	-1.61	0.
3816	2015 JAN 20 17:50:58	352.9	0.31	-1.24	0.
3817	2015 JAN 21 02:03:48	355.1	0.31	-0.86	360.
3818	2015 JAN 21 10:16:40	357.3	0.31	-0.48	360.
3819	2015 JAN 21 18:29:31	359.4	0.31	-0.10	360.
3820	2015 JAN 22 02:46:06	1.6	0.31	0.29	360.
3821	2015 JAN 22 11:02:39	3.8	0.31	0.67	360.
3822	2015 JAN 22 19:19:14	6.0	0.31	1.05	360.
3823	2015 JAN 23 03:35:47	8.2	0.31	1.43	360.
3824	2015 JAN 23 11:52:22	10.4	0.31	1.81	359.
3825	2015 JAN 23 20:08:56	12.6	0.31	2.18	359.
3826	2015 JAN 24 04:25:30	14.7	0.31	2.55	359.
3827	2015 JAN 24 12:42:04	16.9	0.31	2.92	359.
3828	2015 JAN 24 20:58:39	19.1	0.31	3.28	359.
3829	2015 JAN 25 05:15:12	21.2	0.31	3.63	359.
3830	2015 JAN 25 13:31:47	23.3	0.31	3.98	359.
3831	2015 JAN 25 21:48:20	25.5	0.31	4.32	359.
3832	2015 JAN 26 06:04:55	27.6	0.31	4.65	359.
3833	2015 JAN 26 14:21:28	29.7	0.31	4.97	359.
3834	2015 JAN 26 22:38:03	31.8	0.32	5.29	359.
3835	2015 JAN 27 06:54:38	33.9	0.32	5.59	359.
3836	2015 JAN 27 15:11:13	35.9	0.32	5.89	359.
3837	2015 JAN 27 23:27:46	38.0	0.32	6.18	359.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3838	2015 JAN 28 07:44:21	40.0	0.32	6.45	360.
3839	2015 JAN 28 16:00:56	42.0	0.32	6.72	360.
3840	2015 JAN 29 00:17:31	44.0	0.32	6.98	360.
3841	2015 JAN 29 08:34:06	46.0	0.32	7.22	360.
3842	2015 JAN 29 16:50:40	47.9	0.33	7.46	0.
3843	2015 JAN 30 01:07:15	49.9	0.33	7.68	0.
3844	2015 JAN 30 09:23:50	51.8	0.33	7.90	0.
3845	2015 JAN 30 17:40:25	53.7	0.33	8.10	1.
3846	2015 JAN 31 01:57:02	55.6	0.33	8.29	1.
3847	2015 JAN 31 10:13:37	57.5	0.33	8.47	1.
3848	2015 JAN 31 18:30:12	59.3	0.34	8.64	1.
3849	2015 FEB 01 02:46:47	61.2	0.34	8.80	2.
3850	2015 FEB 01 11:03:23	63.0	0.34	8.95	2.
3851	2015 FEB 01 19:19:58	64.8	0.34	9.09	2.
3852	2015 FEB 02 03:36:33	66.5	0.34	9.22	3.
3853	2015 FEB 02 11:53:10	68.3	0.34	9.34	3.
3854	2015 FEB 02 20:09:45	70.0	0.35	9.45	3.
3855	2015 FEB 03 04:26:20	71.7	0.35	9.55	4.
3856	2015 FEB 03 12:42:55	73.4	0.35	9.64	4.
3857	2015 FEB 03 20:59:30	75.1	0.35	9.72	5.
3858	2015 FEB 04 05:16:04	76.8	0.35	9.79	5.
3859	2015 FEB 04 13:32:39	78.4	0.36	9.85	6.
3860	2015 FEB 04 21:49:14	80.1	0.36	9.90	6.
3861	2015 FEB 05 06:05:49	81.7	0.36	9.95	7.
3862	2015 FEB 05 14:22:24	83.3	0.36	9.99	7.
3863	2015 FEB 05 22:38:57	84.8	0.36	10.02	8.
3864	2015 FEB 06 06:55:32	86.4	0.37	10.04	8.
3865	2015 FEB 06 15:12:05	87.9	0.37	10.05	9.
3866	2015 FEB 06 23:28:40	89.4	0.37	10.06	9.
3867	2015 FEB 07 07:45:13	90.9	0.37	10.06	10.
3868	2015 FEB 07 16:01:48	92.4	0.37	10.05	11.
3869	2015 FEB 08 00:18:22	93.9	0.38	10.04	11.
3870	2015 FEB 08 08:34:55	95.4	0.38	10.02	12.
3871	2015 FEB 08 16:51:28	96.8	0.38	9.99	13.
3872	2015 FEB 09 01:08:01	98.2	0.38	9.96	13.
3873	2015 FEB 09 09:24:34	99.6	0.38	9.92	14.
3874	2015 FEB 09 17:41:07	101.0	0.39	9.88	15.
3875	2015 FEB 10 01:57:41	102.4	0.39	9.83	15.
3876	2015 FEB 10 10:14:12	103.8	0.39	9.77	16.
3877	2015 FEB 10 18:30:45	105.1	0.39	9.71	17.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3878	2015 FEB 11 02:47:18	106.5	0.39	9.65	18.
3879	2015 FEB 11 11:03:50	107.8	0.40	9.58	19.
3880	2015 FEB 11 19:20:23	109.1	0.40	9.51	19.
3881	2015 FEB 12 03:36:54	110.4	0.40	9.43	20.
3882	2015 FEB 12 11:53:27	111.7	0.40	9.35	21.
3883	2015 FEB 12 20:09:59	113.0	0.40	9.27	22.
3884	2015 FEB 13 04:26:32	114.3	0.40	9.18	23.
3885	2015 FEB 13 12:43:03	115.5	0.41	9.08	24.
3886	2015 FEB 13 20:59:35	116.8	0.41	8.99	24.
3887	2015 FEB 14 05:16:08	118.0	0.41	8.89	25.
3888	2015 FEB 14 13:32:39	119.2	0.41	8.79	26.
3889	2015 FEB 14 21:49:11	120.4	0.41	8.68	27.
3890	2015 FEB 15 06:05:42	121.6	0.42	8.57	28.
3891	2015 FEB 15 14:22:15	122.8	0.42	8.46	29.
3892	2015 FEB 15 22:38:47	124.0	0.42	8.35	30.
3893	2015 FEB 16 06:55:18	125.2	0.42	8.23	31.
3894	2015 FEB 16 15:11:50	126.4	0.42	8.11	32.
3895	2015 FEB 16 23:28:21	127.5	0.42	7.99	33.
3896	2015 FEB 17 07:44:54	128.7	0.43	7.86	34.
3897	2015 FEB 17 16:01:26	129.8	0.43	7.74	35.
3898	2015 FEB 18 00:17:57	130.9	0.43	7.61	36.
3899	2015 FEB 18 08:34:28	132.1	0.43	7.48	37.
3900	2015 FEB 18 16:51:00	133.2	0.43	7.35	38.
3901	2015 FEB 19 01:07:31	134.3	0.43	7.21	39.
3902	2015 FEB 19 09:24:03	135.4	0.43	7.08	40.
3903	2015 FEB 19 17:40:34	136.5	0.44	6.94	41.
3904	2015 FEB 20 01:57:05	137.5	0.44	6.80	42.
3905	2015 FEB 20 10:13:37	138.6	0.44	6.66	43.
3906	2015 FEB 20 18:30:08	139.7	0.44	6.52	44.
3907	2015 FEB 21 02:46:40	140.8	0.44	6.37	45.
3908	2015 FEB 21 11:03:11	141.8	0.44	6.23	46.
3909	2015 FEB 21 19:19:41	142.9	0.44	6.08	47.
3910	2015 FEB 22 03:36:12	143.9	0.44	5.93	48.
3911	2015 FEB 22 11:52:43	145.0	0.45	5.78	49.
3912	2015 FEB 22 20:09:15	146.0	0.45	5.63	50.
3913	2015 FEB 23 04:25:46	147.0	0.45	5.48	51.
3914	2015 FEB 23 12:42:18	148.1	0.45	5.33	52.
3915	2015 FEB 23 20:58:47	149.1	0.45	5.18	53.
3916	2015 FEB 24 05:15:19	150.1	0.45	5.02	55.
3917	2015 FEB 24 13:31:50	151.1	0.45	4.87	56.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3918	2015 FEB 24 21:48:22	152.1	0.45	4.71	57.
3919	2015 FEB 25 06:04:51	153.1	0.45	4.55	58.
3920	2015 FEB 25 14:21:23	154.1	0.45	4.40	59.
3921	2015 FEB 25 22:37:52	155.1	0.46	4.24	60.
3922	2015 FEB 26 06:54:24	156.1	0.46	4.08	61.
3923	2015 FEB 26 15:10:55	157.1	0.46	3.92	62.
3924	2015 FEB 26 23:27:25	158.1	0.46	3.76	63.
3925	2015 FEB 27 07:43:56	159.1	0.46	3.60	65.
3926	2015 FEB 27 16:00:26	160.1	0.46	3.44	66.
3927	2015 FEB 28 00:16:57	161.0	0.46	3.27	67.
3928	2015 FEB 28 08:33:27	162.0	0.46	3.11	68.
3929	2015 FEB 28 16:49:58	163.0	0.46	2.95	69.
3930	2015 MAR 01 01:06:28	163.9	0.46	2.79	70.
3931	2015 MAR 01 09:22:58	164.9	0.46	2.62	71.
3932	2015 MAR 01 17:39:29	165.9	0.46	2.46	73.
3933	2015 MAR 02 01:55:59	166.8	0.46	2.29	74.
3934	2015 MAR 02 10:12:30	167.8	0.46	2.13	75.
3935	2015 MAR 02 18:29:00	168.8	0.46	1.96	76.
3936	2015 MAR 03 02:45:29	169.7	0.46	1.80	77.
3937	2015 MAR 03 11:02:01	170.7	0.47	1.63	78.
3938	2015 MAR 03 19:18:30	171.6	0.47	1.47	80.
3939	2015 MAR 04 03:35:00	172.6	0.47	1.30	81.
3940	2015 MAR 04 11:51:31	173.5	0.47	1.13	82.
3941	2015 MAR 04 20:08:01	174.5	0.47	0.97	83.
3942	2015 MAR 05 04:24:31	175.4	0.47	0.80	84.
3943	2015 MAR 05 12:41:02	176.4	0.47	0.64	85.
3944	2015 MAR 05 20:57:32	177.3	0.47	0.47	87.
3945	2015 MAR 06 05:14:01	178.3	0.47	0.30	88.
3946	2015 MAR 06 13:30:33	179.2	0.47	0.14	89.
3947	2015 MAR 06 21:47:02	180.2	0.47	-0.03	90.
3948	2015 MAR 07 06:03:32	181.1	0.47	-0.20	91.
3949	2015 MAR 07 14:20:04	182.1	0.47	-0.36	92.
3950	2015 MAR 07 22:36:33	183.0	0.47	-0.53	94.
3951	2015 MAR 08 06:53:05	184.0	0.47	-0.70	95.
3952	2015 MAR 08 15:09:34	184.9	0.47	-0.86	96.
3953	2015 MAR 08 23:26:04	185.9	0.47	-1.03	97.
3954	2015 MAR 09 07:42:35	186.8	0.47	-1.20	98.
3955	2015 MAR 09 15:59:05	187.8	0.47	-1.36	99.
3956	2015 MAR 10 00:15:36	188.7	0.47	-1.53	100.
3957	2015 MAR 10 08:32:06	189.7	0.46	-1.70	102.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3958	2015 MAR 10 16:48:37	190.6	0.46	-1.86	103.
3959	2015 MAR 11 01:05:07	191.6	0.46	-2.03	104.
3960	2015 MAR 11 09:21:38	192.6	0.46	-2.19	105.
3961	2015 MAR 11 17:38:08	193.5	0.46	-2.36	106.
3962	2015 MAR 12 01:54:40	194.5	0.46	-2.52	107.
3963	2015 MAR 12 10:11:09	195.5	0.46	-2.68	109.
3964	2015 MAR 12 18:27:41	196.4	0.46	-2.85	110.
3965	2015 MAR 13 02:44:10	197.4	0.46	-3.01	111.
3966	2015 MAR 13 11:00:42	198.4	0.46	-3.17	112.
3967	2015 MAR 13 19:17:13	199.3	0.46	-3.34	113.
3968	2015 MAR 14 03:33:44	200.3	0.46	-3.50	114.
3969	2015 MAR 14 11:50:14	201.3	0.46	-3.66	115.
3970	2015 MAR 14 20:06:45	202.3	0.46	-3.82	117.
3971	2015 MAR 15 04:23:17	203.3	0.46	-3.98	118.
3972	2015 MAR 15 12:39:48	204.3	0.46	-4.14	119.
3973	2015 MAR 15 20:56:20	205.3	0.46	-4.30	120.
3974	2015 MAR 16 05:12:51	206.3	0.45	-4.46	121.
3975	2015 MAR 16 13:29:23	207.3	0.45	-4.61	122.
3976	2015 MAR 16 21:45:54	208.3	0.45	-4.77	123.
3977	2015 MAR 17 06:02:25	209.3	0.45	-4.92	124.
3978	2015 MAR 17 14:18:57	210.3	0.45	-5.08	125.
3979	2015 MAR 17 22:35:28	211.3	0.45	-5.23	127.
3980	2015 MAR 18 06:52:01	212.3	0.45	-5.39	128.
3981	2015 MAR 18 15:08:36	213.4	0.45	-5.54	129.
3982	2015 MAR 18 23:26:14	214.4	0.45	-5.69	130.
3983	2015 MAR 19 07:43:51	215.4	0.45	-5.84	131.
3984	2015 MAR 19 16:01:29	216.5	0.44	-5.99	132.
3985	2015 MAR 20 00:19:06	217.5	0.44	-6.14	133.
3986	2015 MAR 20 08:36:44	218.6	0.44	-6.28	134.
3987	2015 MAR 20 16:54:20	219.7	0.44	-6.43	135.
3988	2015 MAR 21 01:11:58	220.7	0.44	-6.57	136.
3989	2015 MAR 21 09:29:37	221.8	0.44	-6.71	137.
3990	2015 MAR 21 17:47:13	222.9	0.44	-6.85	138.
3991	2015 MAR 22 02:04:51	224.0	0.44	-6.99	139.
3992	2015 MAR 22 10:22:29	225.1	0.43	-7.13	140.
3993	2015 MAR 22 18:40:08	226.2	0.43	-7.27	141.
3994	2015 MAR 23 02:57:46	227.3	0.43	-7.40	142.
3995	2015 MAR 23 11:15:24	228.4	0.43	-7.53	143.
3996	2015 MAR 23 19:33:02	229.6	0.43	-7.66	144.
3997	2015 MAR 24 03:50:40	230.7	0.43	-7.79	145.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
3998	2015 MAR 24 12:08:19	231.8	0.42	-7.92	146.
3999	2015 MAR 24 20:25:57	233.0	0.42	-8.04	147.
4000	2015 MAR 25 04:43:35	234.2	0.42	-8.16	148.
4001	2015 MAR 25 13:01:13	235.3	0.42	-8.28	149.
4002	2015 MAR 25 21:18:51	236.5	0.42	-8.40	150.
4003	2015 MAR 26 05:36:31	237.7	0.42	-8.51	151.
4004	2015 MAR 26 13:54:10	238.9	0.41	-8.62	152.
4005	2015 MAR 26 22:11:50	240.1	0.41	-8.73	153.
4006	2015 MAR 27 06:29:28	241.3	0.41	-8.83	154.
4007	2015 MAR 27 14:47:08	242.6	0.41	-8.93	155.
4008	2015 MAR 27 23:04:46	243.8	0.41	-9.03	156.
4009	2015 MAR 28 07:22:26	245.1	0.41	-9.13	156.
4010	2015 MAR 28 15:40:06	246.3	0.40	-9.22	157.
4011	2015 MAR 28 23:57:44	247.6	0.40	-9.30	158.
4012	2015 MAR 29 08:15:24	248.9	0.40	-9.39	159.
4013	2015 MAR 29 16:33:04	250.2	0.40	-9.47	160.
4014	2015 MAR 30 00:50:44	251.5	0.40	-9.54	161.
4015	2015 MAR 30 09:08:24	252.8	0.39	-9.61	161.
4016	2015 MAR 30 17:26:04	254.2	0.39	-9.68	162.
4017	2015 MAR 31 01:43:44	255.5	0.39	-9.74	163.
4018	2015 MAR 31 10:01:26	256.9	0.39	-9.80	164.
4019	2015 MAR 31 18:19:06	258.3	0.39	-9.85	164.
4020	2015 APR 01 02:36:45	259.6	0.38	-9.90	165.
4021	2015 APR 01 10:54:27	261.1	0.38	-9.94	166.
4022	2015 APR 01 19:12:07	262.5	0.38	-9.97	167.
4023	2015 APR 02 03:29:49	263.9	0.38	-10.00	167.
4024	2015 APR 02 11:47:29	265.4	0.38	-10.03	168.
4025	2015 APR 02 20:05:11	266.8	0.37	-10.04	169.
4026	2015 APR 03 04:23:45	268.3	0.37	-10.06	169.
4027	2015 APR 03 12:42:37	269.8	0.37	-10.06	170.
4028	2015 APR 03 21:01:27	271.3	0.37	-10.06	170.
4029	2015 APR 04 05:20:19	272.9	0.37	-10.05	171.
4030	2015 APR 04 13:39:11	274.4	0.36	-10.03	172.
4031	2015 APR 04 21:58:02	276.0	0.36	-10.00	172.
4032	2015 APR 05 06:16:54	277.6	0.36	-9.97	173.
4033	2015 APR 05 14:35:46	279.2	0.36	-9.93	173.
4034	2015 APR 05 22:54:38	280.8	0.36	-9.88	174.
4035	2015 APR 06 07:13:30	282.5	0.35	-9.82	174.
4036	2015 APR 06 15:32:22	284.1	0.35	-9.75	175.
4037	2015 APR 06 23:52:15	285.8	0.35	-9.67	175.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
4038	2015 APR 07 08:12:32	287.5	0.35	-9.59	176.
4039	2015 APR 07 16:32:50	289.2	0.35	-9.49	176.
4040	2015 APR 08 00:53:06	291.0	0.35	-9.39	176.
4041	2015 APR 08 09:13:25	292.7	0.34	-9.27	177.
4042	2015 APR 08 17:33:41	294.5	0.34	-9.15	177.
4043	2015 APR 09 01:53:59	296.3	0.34	-9.01	177.
4044	2015 APR 09 10:14:15	298.1	0.34	-8.87	178.
4045	2015 APR 09 18:34:34	300.0	0.34	-8.71	178.
4046	2015 APR 10 02:54:52	301.8	0.33	-8.54	178.
4047	2015 APR 10 11:15:08	303.7	0.33	-8.36	179.
4048	2015 APR 10 19:35:26	305.6	0.33	-8.17	179.
4049	2015 APR 11 03:55:43	307.5	0.33	-7.97	179.
4050	2015 APR 11 12:16:01	309.4	0.33	-7.76	179.
4051	2015 APR 11 20:36:17	311.4	0.33	-7.54	179.
4052	2015 APR 12 04:56:36	313.4	0.32	-7.31	180.
4053	2015 APR 12 13:16:52	315.3	0.32	-7.06	180.
4054	2015 APR 12 21:37:10	317.3	0.32	-6.81	180.
4055	2015 APR 13 05:57:26	319.4	0.32	-6.54	180.
4056	2015 APR 13 14:17:45	321.4	0.32	-6.27	180.
4057	2015 APR 13 22:38:01	323.5	0.32	-5.98	180.
4058	2015 APR 14 06:58:17	325.5	0.32	-5.69	180.
4059	2015 APR 14 15:18:36	327.6	0.32	-5.38	180.
4060	2015 APR 14 23:39:15	329.7	0.31	-5.07	180.
4061	2015 APR 15 07:59:54	331.8	0.31	-4.74	180.
4062	2015 APR 15 16:20:33	334.0	0.31	-4.41	180.
4063	2015 APR 16 00:41:11	336.1	0.31	-4.07	180.
4064	2015 APR 16 09:01:50	338.2	0.31	-3.72	180.
4065	2015 APR 16 17:22:28	340.4	0.31	-3.37	180.
4066	2015 APR 17 01:43:05	342.6	0.31	-3.01	180.
4067	2015 APR 17 10:03:44	344.8	0.31	-2.64	180.
4068	2015 APR 17 18:24:22	346.9	0.31	-2.27	180.
4069	2015 APR 18 02:44:59	349.1	0.31	-1.89	180.
4070	2015 APR 18 11:05:37	351.3	0.31	-1.51	180.
4071	2015 APR 18 19:26:14	353.5	0.31	-1.13	180.
4072	2015 APR 19 03:46:52	355.7	0.31	-0.74	180.
4073	2015 APR 19 12:07:29	358.0	0.31	-0.36	180.
4074	2015 APR 19 20:28:07	0.2	0.31	0.03	180.
4075	2015 APR 20 04:48:44	2.4	0.31	0.42	180.
4076	2015 APR 20 13:09:20	4.6	0.31	0.80	180.
4077	2015 APR 20 21:29:58	6.8	0.31	1.19	180.

ORBIT #	START TIME	TAA (deg)	r (AU)	dr/dt (km/s)	λ_{\odot} (°)
4078	2015 APR 21 05:50:35	9.0	0.31	1.57	180.
4079	2015 APR 21 14:11:13	11.2	0.31	1.95	179.
4080	2015 APR 21 22:31:48	13.4	0.31	2.32	179.
4081	2015 APR 22 06:52:26	15.6	0.31	2.70	179.
4082	2015 APR 22 15:13:03	17.8	0.31	3.06	179.
4083	2015 APR 22 23:33:39	19.9	0.31	3.42	179.
4084	2015 APR 23 07:54:17	22.1	0.31	3.78	179.
4085	2015 APR 23 16:14:54	24.2	0.31	4.12	179.
4086	2015 APR 24 00:35:32	26.4	0.31	4.46	179.
4087	2015 APR 24 08:56:07	28.5	0.31	4.79	179.
4088	2015 APR 24 17:16:45	30.6	0.31	5.11	179.
4089	2015 APR 25 01:37:51	32.7	0.32	5.43	179.
4090	2015 APR 25 09:59:00	34.8	0.32	5.73	179.
4091	2015 APR 25 18:20:09	36.9	0.32	6.03	179.
4092	2015 APR 26 02:41:18	38.9	0.32	6.31	180.
4093	2015 APR 26 11:02:27	41.0	0.32	6.59	180.
4094	2015 APR 26 19:23:38	43.0	0.32	6.85	180.
4095	2015 APR 27 03:44:47	45.0	0.32	7.10	180.
4096	2015 APR 27 12:05:58	47.0	0.33	7.35	180.
4097	2015 APR 27 20:27:07	49.0	0.33	7.58	180.
4098	2015 APR 28 04:48:18	50.9	0.33	7.80	180.
4099	2015 APR 28 13:09:27	52.8	0.33	8.01	181.
4100	2015 APR 28 21:30:38	54.8	0.33	8.21	181.
4101	2015 APR 29 05:51:49	56.7	0.33	8.39	181.
4102	2015 APR 29 14:12:58	58.5	0.33	8.57	181.
4103	2015 APR 29 22:34:09	60.4	0.34	8.74	182.
4104	2015 APR 30 06:55:20	62.2	0.34	8.89	182.
4105	2015 APR 30 15:16:31	64.0	0.34	9.04	182.