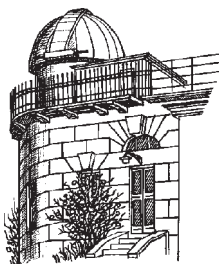


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FOREWORD

Present 19th volume of the “Odessa Astronomical publications” contains the catalogue of the right ascensions for 4982 stars with declination from -2 deg. to $+1$ deg. This catalogue is based on the visual observations made with the help of Repsold meridional circle of Odessa State astronomical observatory (installed in 1862). The observations were carried out by the well-known astrometrist B.V. Novopashenny in 1930-1935. The declinations of program stars were published by B.V. Novopashenny and G.G. Ermolaev in 1970 in the annual of the astrometric catalogues. At the same time the publication of the right ascensions was delayed by some reasons. Only now we can present these data in their final form. This ends the long and interesting story of the catalogue appearance. The story itself is the following.

In 1863 in Heidelberg (Germany) the German astronomical society was founded (Astronomische Gesellschaft – AG). That society played a part as an international one right up to International astronomical society (IAU) appearance. The first international co-operative project of AG was the creation of photographic catalogues AGK (Astronomische Gesellschaft Katalog) that took into account an advantage of the photographic observations and urgent necessity to have the exact positions of the reference stars. This enterprise posed a global problem of obtaining the exact positions and proper motions for all the stars from the “Bonn survey” (BD, composed by Argelander in 1863 using the stars with declination up to -2 deg, and then continued by Schenfeld with the stars up to -23 deg) that were accessible with meridional circle visual observations.

All the stars of 9-10 mag were distributed between the observatories that were the members of that campaign and those stars were observed by each observatory in the narrow zones on the right ascension (this is why AGK catalogues were called as zone catalogues). From the Russia the two observatories took part in that project. They are Kazan and Nikolaev observatories. The director of Nikolaev observatory at that time I.E. Kortazzi observed the position of the stars in equatorial zone of the declinations from -2 deg to $+2$ deg. In 1900 I.E. Kortazzi published in Leipzig the results of his observations that were entitled “Catalogue de 5954 étoiles entre -2 deg 10 min et $+1$ deg 10 min de Declinaison 1855 pour l’équinoxe de 1875”. This catalogue went down in history as “Nikolaev AG zone”. Often this zone is called Kortazzi zone.

An idea to observe the stars from this zone again belongs to A. Ya. Orlov, who wanted to estimate the proper motions of the stars by comparison the Kortazzi observations and the new observations that should be separated by about 50 years. He, as the director of Odessa observatory, commissioned in 1929 with this task already known at that time geodesists and astrometrist of the Pulkovo school B.V. Novopashenny, who was invited to Odessa observatory. That observations were carried out, but after the change in 1935 of the observatory head the program was stopped and all the observing logs were set aside.

The new processing of those logs was initiated again in 60-s of the XX century. First, during the life of Novopashenny, the declinations of the stars were reduced, then, after his death in 1976, the processing of the logs was started. Without the observers this work appeared to be very difficult. In the different periods the different observatory’s astronomers have been engaged with this work. Among them there are M. Yu. Volyanskaya, A.P. Chelombit’ko, V.V. Zhukov and the authors of this present catalogue. During this work, the new computer methods and specially elaborated software have been used. As a result, the necessary checks have been made, all the errors in catalogue were corrected, and now this catalogue in its final form contains only the reliably determined data on the right ascensions of the star of the considered zone.

V. G. Karetnikov

A DIFFERENTIAL CATALOGUE of right ascensions of the Nikolaev zone AG stars

N. V. Bazyey, A. A. Bazyey

ABSTRACT. This catalogue contains right ascensions of 4982 stars of the Nikolaev Equatorial Zone (AG, -2° , $+1^{\circ}$) from observations made the years 1931-1935 by B.V. Novopashenny by means of the Odessa meridian circle. The observations were reduced in the FK5 system.

Key Words: Astrometry, meridian circle, right ascension, catalogue.

Present catalogue of the stars' right ascensions is combined on the base of the observations made by B.V. Novopashenny (1891-1976). He observed in Odessa in period from 1930 to 1935 the position of the stars of the Nikolaev equatorial zone. Preliminary reduction of the observations was made by him personally simultaneously with some other observatory's calculators. In 1935 this work, as well as the observations themselves, were suspended. While observed declinations were reduced and published as a catalogue by G.G. Ermolaev (Novopashenny & Ermolaev, 1970), the right ascensions were not reduced during the life of Novopashenny. In 1990-s the members of the astrometry department (M. Yu. Volyanskaya and A.P. Chelombit'ko) carried out the work on the systematization of the hand-written data in the numerous observing logs of Novopashenny and the check of some calculations, but the main work was made by the authors later.

The complete reduction of the observed right ascensions was made with the help of the modern computer programs and methods of the data reduction. First of all, the laborious work on the electronic database creation that includes all available observations had been performed. Simultaneously, the calculations of the culmination moments were carried out. The apparent places of the stars on the given dates were calculated by using the computer program of the apparent places created by the staff astronomer (member of the astrometry department) V.V. Zhukov. The comparison between our calculated values and apparent places taken from the "Berliner Astronomische Jahrbuch" (1931-1935) showed a good agreement for the reference stars.

In 30-s of XX century the apparent places were calculated in the FK3 system, but there was no more sense to carry out the processing in that system because of the existence of more updated versions of the reference catalogues. For the following use of our catalogue it was necessary to refer it to the J 2000.0 equinox, and then to process it in the FK5 fundamental catalogue system. The specificity of the situation was the following. In his observations B.V. Novopashenny for the determination of the meridional circle orientation used as the reference stars the near-to-pole stars, while later on such a practice was refused since the near-to-pole star observations are very laborious and give the lower accuracy comparing to the observations of stars, say, near to zenith region. Moreover, the number of the near-to-pole stars is not very large. It was also established that some near-to-pole and equatorial stars that are the reference stars in FK3 catalogue, in FK5 catalogue are not such targets. Therefore, to determine the exact values of the "n" parameter sometimes it was necessary to interpolate the data for the adjacent nights. Such situation required very accurate and individual approach not only for the processing the night data in whole, but also for each star separately. For this A.A. Bazyey created the computer code that enabled one to effectively and quickly process the huge amount of the data. The Delphi language was used.

The calculations were made by standard methods of the determination of right ascensions of stars. The Bessel formula was used for determination of right ascensions:

$$\alpha = T + (c+\gamma)\sec \delta + n\delta + (u+m),$$

where T – the moment of passing of star across a meridian; c – the collimation; γ – the diurnal aberration; n, (u+m) – corrections of the circle.

From processing of a catalogue the right ascensions of 5100 stars for equinox J2000.0 and epoch of observations was compiled. The data are presented in the following form:

- N – a number the stars in the Kortazzi list;
- mag – visual magnitude;
- Dec – approximate declinations for 1931,0;
- R.A. – right ascensions for equinox J2000.0;
- epo – mean epoch of observations;
- n – number of observations;
- B.D. – a number the stars in «Bonner Durchmusterung»

The availability of the right ascensions of the stars in the Nikolaev zone will allow one to use this catalogue in the future for the determination of the proper motion of those stars.

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N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
5946	9.0	+01° 12'	00 ^h 01 ^m 15. ^s 356	1933.30	2	+0° 5082	0064	8.2	+00° 03'	00 ^h 22 ^m 38. ^s 380	1932.79	2	-0° 62
5947	9.0	-00 24	00 01 51.183	1933.30	2	-0 4615	0065	8.6	+00 47	00 23 48.461	1933.34	2	+0 54
5948	8.8	-01 27	00 02 17.905	1933.30	2	-1 4524	0068	9.0	+01 01	00 24 01.265	1933.18	3	+0 58
5949	8.6	-00 20	00 02 21.682	1933.28	2	-0 4616	0067	8.2	-01 19	00 24 31.316	1933.81	2	-1 46
5950	8.4	+01 09	00 02 22.751	1933.30	2	+0 5084	0069	8.5	-00 21	00 26 46.449	1933.29	2	-0 69
5951	9.0	+00 39	00 02 39.821	1933.53	3	+0 5085	0070	9.1	-01 03	00 26 47.057	1933.34	2	-1 49
5952	7.0	-00 53	00 02 40.019	1933.34	2	-1 4525	0071	7.9	-00 42	00 27 27.320	1933.34	2	-1 51
5953	8.2	-00 16	00 03 45.983	1933.85	2	-0 4619	0072	7.5	-01 30	00 27 31.288	1933.39	2	-1 52
5954	8.0	-01 38	00 03 53.306	1932.86	2	-2 6099	0073	8.5	-00 46	00 28 07.689	1933.34	2	-1 55
0001	8.8	+01 28	00 04 28.440	1933.30	2	+1 4832	0075	9.0	-00 32	00 28 30.437	1933.35	2	-0 76
0002	9.0	+00 39	00 04 44.314	1933.31	2	+0 5086	0076	9.0	-00 33	00 29 28.157	1933.33	2	-0 78
0003	9.0	-00 03	00 04 44.923	1933.30	2	-0 4620	0077	8.2	+01 07	00 29 30.609	1932.93	4	+0 70
0004	9.0	+01 17	00 04 56.077	1933.34	2	+0 5087	0078	9.0	-01 37	00 29 36.488	1933.34	2	-2 70
0006	8.2	+00 42	00 05 17.016	1933.46	3	+0 3	0079	8.5	-00 50	00 30 24.235	1932.86	2	-1 58
0010	9.2	-01 32	00 05 26.308	1932.79	2	-1 1	0080	9.2	-01 16	00 30 41.686	1932.80	2	-1 59
0011	7.5	+00 18	00 06 28.581	1933.29	2	-0 6	0081	7.7	-01 00	00 31 05.864	1933.29	2	-1 60
0013	9.1	-01 09	00 06 47.607	1932.90	2	-1 3	0082	8.5	-00 44	00 31 16.973	1932.90	2	-1 62
0012	9.1	+00 19	00 06 49.081	1933.34	2	-0 7	0083	8.4	+00 37	00 32 00.160	1933.33	2	+0 77
0017	8.5	-00 37	00 08 35.737	1933.29	2	-1 9	0084	9.0	+00 27	00 32 29.867	1933.33	2	+0 80
0018	7.6	-01 37	00 09 14.598	1932.88	2	-2 19	0085	9.0	-01 42	00 32 32.762	1933.34	2	-2 75
0019	9.0	+00 45	00 09 51.507	1933.29	2	+0 16	0086	9.0	-01 28	00 33 06.163	1933.35	2	-1 67
0020	8.9	+00 27	00 10 06.723	1932.86	2	+0 17	0087	6.2	-00 53	00 33 08.879	1933.29	2	-1 68
0024	8.8	-00 57	00 11 49.057	1932.86	2	-1 12	0088	8.6	-01 17	00 33 24.274	1932.83	2	-1 70
0025	7.4	+00 55	00 12 11.137	1932.81	2	+0 22	0089	9.0	+01 14	00 33 28.329	1933.34	2	+0 83
0026	8.0	-00 42	00 12 24.715	1932.78	3	-1 14	0090	9.0	+01 00	00 33 51.723	1933.34	2	+0 85
0027	8.3	-01 25	00 12 30.073	1933.32	2	-1 15	0091	9.0	-00 58	00 34 00.966	1933.36	2	-1 71
0029	8.8	-00 21	00 12 52.826	1932.80	2	-0 28	0092	9.0	+00 24	00 34 18.172	1933.33	2	-0 90
0028	9.2	-00 16	00 13 19.525	1933.21	3	-0 26	0094	9.0	-01 15	00 34 46.446	1933.34	2	-1 73
0031	9.0	-01 27	00 13 39.063	1932.86	3	-1 20	0097	9.1	+00 03	00 35 33.628	1933.32	2	-0 92
0032	9.0	+00 12	00 13 54.485	1932.93	2	-0 32	0098	6.8	-00 53	00 35 41.378	1933.30	2	-1 75
0033	9.0	-01 28	00 14 01.908	1933.31	2	-1 21	0099	8.9	-01 20	00 35 55.660	1933.34	2	-1 76
0034	7.8	-00 04	00 14 03.266	1932.92	2	-0 33	0102	8.4	+00 34	00 36 24.478	1933.30	2	+0 96
0035	9.0	+00 56	00 15 17.455	1933.30	2	+0 27	0103	9.1	-01 33	00 36 35.800	1933.34	2	-1 77
0036	9.1	-01 26	00 15 21.602	1933.38	2	-1 23	0104	8.6	+00 38	00 37 23.288	1933.19	3	+0 98
0037	7.2	+01 18	00 15 23.584	1933.31	2	+0 28	0105	8.1	+00 45	00 37 59.557	1933.13	3	+0 100
0040	7.9	+00 08	00 15 53.150	1933.31	2	-0 42	0106	9.0	-00 47	00 38 27.317	1933.51	3	+0 101
0041	9.2	-01 39	00 16 09.284	1933.34	2	-2 36	0108	9.1	-00 40	00 38 33.564	1933.35	2	-1 84
0043	7.9	+01 12	00 17 33.397	1933.33	2	+0 34	0109	9.1	+00 19	00 38 58.846	1933.30	2	-0 100
0044	8.4	+00 46	00 17 38.712	1933.30	2	+0 37	0110	8.4	-00 41	00 39 07.804	1932.89	2	-2 93
0045	8.8	-01 15	00 18 24.702	1932.82	2	-1 31	0111	8.0	+01 22	00 39 08.425	1932.92	2	+0 103
0046	9.1	+00 48	00 18 34.632	1933.48	3	+0 39	0112	9.0	-00 16	00 39 19.573	1933.35	2	-0 101
0050	9.0	-01 20	00 18 49.020	1932.80	2	-1 37	0113	8.2	+01 25	00 39 29.973	1933.33	2	+0 104
0047	9.0	-01 20	00 19 05.388	1933.32	2	-1 34	0114	9.1	-00 24	00 39 33.097	1933.35	2	-0 103
0048	9.0	+00 32	00 19 24.558	1933.34	2	+0 43	0116	8.1	+00 41	00 39 41.359	1932.83	2	+0 107
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0053	8.8	+00 04	00 20 00.248	1933.79	2	-0 55	0119	8.8	-00 44	00 40 13.707	1933.34	2	-1 87
0054	8.6	-00 56	00 20 15.065	1932.85	2	-1 41	0120	8.5	+01 19	00 40 16.810	1933.34	2	+0 108
0051	9.0	+01 26	00 20 17.421	1933.50	3	+1 49	0122	8.8	+00 21	00 40 19.176	1933.36	2	-0 105
0052	8.9	-00 13	00 20 27.934	1932.86	2	-0 52	0124	8.8	+00 55	00 40 33.641	1933.35	2	+0 114
0055	8.8	-00 16	00 21 23.791	1932.89	2	-0 56	0125	9.0	-01 16	00 41 01.837	1933.35	2	-1 88
0056	8.8	+01 09	00 21 30.822	1933.33	2	+0 48	0126	8.9	+00 09	00 41 03.315	1933.30	2	-0 108
0058	8.5	-01 38	00 21 53.205	1932.95	2	-2 49	0127	9.0	-01 06	00 42 03.315	1933.32	2	-1 90
0057	7.8	-01 10	00 21 53.342	1933.34	2	+0 49	0128	7.7	+01 25	00 42 39.548	1932.88	2	+1 131
0061	6.5	+01 33	00 22 00.432	1933.31	2	+1 57	0129	7.2	-00 08	00 42 46.305	1933.33	2	-0 109
0062	9.0	+00 59	00 22 02.388	1933.29	2	+0 52	0131	9.0	-00 46	00 43 15.277	1933.35	2	-1 93
0059	9.0	+01 20	00 22 10.844	1933.34	2	+0 50	0132	8.8	-01 34	00 43 21.506	1933.32	2	-1 94
0060	9.0	-00 11	00 22 16.325	1933.24	3	-0 59	0133	7.8	+00 12	00 43 30.469	1933.34	2	-0 110
0063	8.4	+01 34	00 22 35.006	1933.78	2	+1 60	0134	9.0	-01 11	00 43 32.278	1933.35	2	-1 95

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
0135	9.0	+00°08'	00 ^h 43 ^m 38. ^s 031	1933.36	2	-0° 111	0210	9.1	+01°20'	01 ^h 03 ^m 40. ^s 451	1933.36	2	+0° 181
0136	8.9	-01 13	00 44 10.736	1933.35	2	-1 97	0211	8.3	-00 38	01 03 52.099	1933.36	2	-1 141
0137	8.6	+01 10	00 44 24.091	1933.54	3	+0 118	0212	8.8	+01 04	01 03 53.024	1933.39	2	+0 182
0138	8.6	-00 00	00 44 27.556	1932.84	2	-0 113	0213	8.0	-01 07	01 04 02.395	1933.37	2	-1 144
0139	8.6	-01 38	00 44 36.121	1932.79	2	-2 106	0216	8.4	+00 59	01 04 46.925	1932.91	2	+0 185
0140	8.8	-01 32	00 44 48.332	1933.30	2	-1 99	0218	9.1	-01 30	01 05 11.188	1933.35	2	-1 149
0142	8.0	-01 52	00 45 56.927	1933.33	2	-1 102	0219	8.9	-01 01	01 05 20.847	1933.51	3	+0 188
0143	8.2	+00 00	00 46 09.342	1933.35	2	-0 115	0220	9.1	+00 51	01 07 21.116	1933.32	2	+0 194
0145	8.9	+00 12	00 47 11.576	1933.31	2	-0 117	0221	9.3	-01 06	01 07 24.477	1933.34	2	-1 153
0146	8.9	-00 07	00 47 23.358	1933.34	2	-0 120	0222	9.2	-01 22	01 08 33.463	1933.33	2	-1 154
0147	9.0	+01 17	00 47 29.845	1933.34	2	+0 127	0223	8.6	-01 39	01 08 49.562	1933.17	3	-2 175
0148	7.0	-00 36	00 47 31.502	1933.35	2	-1 104	0224	9.2	-01 18	01 09 24.630	1933.52	3	-1 155
0149	8.6	+00 49	00 47 47.819	1933.35	2	+0 128	0225	8.1	-00 49	01 09 28.690	1933.49	3	-1 156
0150	8.5	+00 07	00 48 10.257	1933.34	2	-0 122	0226	8.8	+00 37	01 09 05.185	1932.87	3	+0 197
0155	8.6	+00 32	00 49 02.123	1933.35	2	+0 130	0227	8.6	+00 43	01 09 37.080	1933.21	3	+0 198
0158	8.5	-00 52	00 49 14.756	1933.35	2	-1 109	0229	8.8	+01 07	01 11 48.080	1933.84	2	+0 204
0159	9.0	-00 45	00 49 53.762	1933.37	2	-1 110	0230	9.0	-00 13	01 12 08.163	1933.34	2	-0 189
0160	9.2	+00 43	00 50 03.760	1933.30	2	+0 133	0232	8.9	+00 52	01 12 40.224	1933.34	2	+0 207
0161	8.5	-00 46	00 50 29.041	1932.89	3	-1 113	0233	9.0	+01 05	01 13 09.486	1933.33	2	+0 209
0162	9.0	-00 50	00 50 31.203	1933.35	2	-1 112	0234	7.1	+00 33	01 13 09.999	1932.84	2	+0 210
0163	6.0	-01 31	00 50 37.448	1933.39	2	-1 114	0235	8.9	+00 34	01 13 22.257	1933.33	2	+0 211
0164	8.9	-01 09	00 50 59.782	1933.35	2	-1 115	0236	8.5	-01 38	01 14 17.396	1932.84	2	-2 192
0165	8.9	+01 32	00 51 14.714	1933.30	2	+1 158	0237	9.2	-00 49	01 14 21.379	1933.35	2	-1 164
0167	8.8	+00 43	00 52 25.468	1933.48	3	+0 140	0238	9.0	-00 04	01 14 44.908	1933.85	2	-0 196
0168	8.6	+00 25	00 52 38.284	1933.50	3	+0 142	0239	8.0	+01 28	01 14 56.925	1933.89	2	+1 242
0170	9.0	-01 10	00 53 23.478	1933.34	2	-1 118	0240	7.9	+00 47	01 15 19.191	1933.52	3	+0 215
0171	9.0	-00 46	00 53 44.593	1933.85	2	-1 119	0242	9.0	+00 36	01 16 05.147	1933.51	3	+0 216
0172	9.0	+01 01	00 53 57.660	1933.32	2	-0 141	0243	8.0	-01 14	01 16 16.332	1933.35	2	-1 167
0173	8.8	+01 30	00 54 17.115	1932.90	2	+1 168	0244	9.0	-00 53	01 16 54.699	1933.35	2	-1 170
0174	9.0	+01 18	00 54 26.990	1933.35	2	+0 146	0245	8.9	-00 57	01 17 08.637	1933.34	2	-
0175	8.2	+00 03	00 54 36.055	1933.33	2	-0 145	0246	8.8	-00 16	01 17 20.688	1933.85	2	-0 201
0176	9.0	-00 51	00 54 37.127	1933.30	2	-1 121	0247	6.0	-00 53	01 17 25.240	1933.35	4	-1 171
0177	7.9	-00 02	00 54 51.077	1933.90	2	-0 146	0248	8.9	-01 11	01 17 38.482	1933.33	2	-1 173
0179	7.5	+01 24	00 55 14.942	1933.18	3	+0 149	0249	7.6	-01 41	01 18 32.037	1933.84	2	-2 198
0180	8.7	-01 08	00 55 35.553	1932.84	2	-1 122	0251	9.2	-00 31	01 19 03.776	1933.35	2	-0 207
0181	9.0	+00 48	00 55 39.378	1933.33	2	+0 152	0252	9.0	-00 44	01 19 26.390	1933.34	2	-1 178
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0185	8.2	-01 03	00 56 57.741	1933.54	3	-1 124	0254	6.8	+01 22	01 20 14.109	1933.87	2	+0 223
0186	9.1	+00 24	00 56 58.841	1933.35	2	+0 158	0257	9.0	+00 55	01 20 18.440	1933.34	2	+0 224
0187	8.0	+00 24	00 56 59.691	1933.33	2	+0 159	0259	9.0	+01 23	01 20 32.723	1933.36	2	+0 226
0188	8.7	-01 34	00 57 11.903	1933.33	2	-1 125	0265	9.0	-00 06	01 22 40.154	1933.34	2	-0 221
0189	8.9	+00 18	00 57 12.866	1933.39	2	-0 152	0266	8.9	-01 25	01 22 47.895	1933.36	2	-1 184
0192	9.1	+00 00	00 57 40.998	1933.87	2	-0 154	0267	9.0	-00 55	01 22 50.803	1933.37	2	-1 185
0193	9.0	-01 27	00 57 49.563	1933.34	2	-1 128	0268	8.2	+01 06	01 22 55.696	1933.35	2	+0 233
0194	9.0	+00 54	00 57 57.393	1933.34	2	+0 162	0269	8.9	-00 35	01 23 58.979	1933.34	2	-0 225
0195	8.6	-01 24	00 58 26.633	1933.33	2	-1 131	0270	9.0	-01 14	01 23 59.628	1933.34	2	-1 187
0196	9.0	-01 15	00 58 30.215	1933.34	2	-1 132	0271	8.5	-00 49	01 24 02.562	1933.52	3	-1 188
0197	9.0	+01 05	00 59 07.565	1933.35	2	+0 165	0272	7.2	-00 46	01 24 05.732	1933.89	2	-1 189
0198	8.6	-00 42	00 59 11.152	1933.35	2	-1 134	0274	7.9	-00 30	01 24 36.498	1933.17	3	-0 229
0199	8.9	+00 03	00 59 31.460	1933.35	2	-0 156	0276	9.0	-01 34	01 25 06.082	1933.52	3	-1 190
0200	9.0	+00 40	01 00 50.067	1933.38	2	+0 170	0277	7.8	-01 25	01 26 17.359	1933.34	2	-1 193
0201	9.2	+00 59	01 01 21.794	1932.84	2	-	0280	8.5	-00 48	01 27 25.411	1933.34	2	-1 196
0203	9.0	-00 21	01 01 46.096	1933.35	2	-0 162	0281	8.0	+00 01	01 27 30.041	1933.53	3	-0 240
0204	8.8	+00 14	01 01 53.761	1933.38	2	-0 163	0282	8.8	-00 41	01 27 45.583	1933.35	2	-1 198
0205	8.9	+00 55	01 02 12.019	1933.35	2	+0 178	0283	8.5	+01 00	01 28 07.363	1933.38	2	+0 243
0207	9.0	-00 33	01 03 12.673	1933.35	2	-0 138	0285	9.0	+00 32	01 28 32.370	1933.36	2	+0 244
0208	8.9	+00 50	01 03 14.900	1933.50	3	+0 180	0290	8.9	-00 56	01 29 37.764	1933.53	3	-1 205
0209	8.8	-01 02	01 03 26.981	1933.35	2	-0 169	0293	8.0	+01 13	01 29 52.551	1932.91	2	+0 251

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
0294	9.0	+00°40'	01 ^h 30 ^m 35. ^s 330	1933.33	2	+0° 253	0393	8.4	-01° 21'	01 ^h 55 ^m 44. ^s 827	1932.93	2	-1° 267
0295	8.2	-00 14	01 30 34.005	1932.90	2	-0 247	0395	9.0	-01 04	01 57 26.707	1933.36	2	-1 268
0297	8.2	-00 04	01 30 55.641	1932.87	2	-0 248	0397	9.0	-01 33	01 57 38.015	1933.38	2	-1 270
0298	9.0	-00 25	01 30 56.834	1932.85	2	-0 249	0399	9.0	-00 44	01 58 01.088	1934.47	2	-1 272
0299	8.8	+00 06	01 31 10.220	1933.36	2	-0 250	0400	8.9	+00 02	01 58 21.356	1933.54	3	-0 304
0302	8.0	-00 07	01 32 13.193	1933.88	2	-0 253	0401	8.5	-01 13	01 58 58.356	1933.25	3	-1 276
0303	7.5	+00 36	01 32 24.094	1933.35	2	+0 256	0403	8.5	+01 00	01 59 14.327	1933.25	3	+0 335
0304	8.3	-00 20	01 32 38.644	1933.35	2	-0 254	0404	9.2	-01 27	02 00 01.634	1933.38	2	-1 277
0306	9.0	+00 55	01 32 56.186	1933.37	2	+0 257	0405	8.9	-00 52	02 00 11.865	1933.36	2	-1 278
0308	8.8	-01 46	01 33 29.587	1933.41	2	-2 253	0406	9.1	-01 18	02 00 24.933	1934.48	2	-1 280
0309	8.4	+00 55	01 33 31.994	1933.54	3	+0 258	0407	8.6	+01 31	02 00 39.847	1933.40	2	+1 363
0311	8.8	-01 10	01 33 49.059	1933.18	3	-1 214	0408	8.3	+01 02	02 00 42.302	1933.22	3	+0 339
0314	8.5	-01 08	01 34 38.922	1933.50	3	-1 218	0410	6.8	-00 12	02 00 48.039	1933.40	2	-0 307
0315	7.0	-00 42	01 34 53.203	1933.36	2	-1 219	0411	9.0	-01 25	02 00 57.977	1933.36	2	-1 282
0317	8.5	-01 40	01 35 27.010	1932.88	3	-2 259	0419	8.8	+01 02	02 01 41.881	1934.41	2	+0 344
0319	8.6	-00 47	01 36 42.623	1933.25	3	-1 225	0421	8.6	-01 18	02 02 52.733	1933.87	2	-1 288
0320	7.5	+00 15	01 37 01.618	1933.35	2	-0 257	0422	8.5	-00 01	02 02 55.676	1933.35	2	-0 315
0321	8.9	+00 36	01 37 07.659	1933.34	2	+0 267	0423	9.0	-01 17	02 03 16.983	1933.87	2	-1 289
0322	9.0	-01 04	01 37 10.228	1932.86	2	-1 227	0425	7.0	-00 18	02 04 05.298	1933.24	3	-0 318
0325	7.5	-00 36	01 37 42.179	1932.88	3	-0 258	0426	9.0	+00 49	02 04 23.072	1933.36	2	+0 351
0324	8.6	-01 05	01 37 42.493	1933.53	3	-1 229	0428	9.2	+00 01	02 04 42.572	1933.39	2	-0 319
0327	8.8	+00 45	01 38 02.245	1933.38	2	+0 269	0429	9.0	-00 32	02 04 55.127	1934.47	2	-0 320
0329	8.5	+01 16	01 38 27.543	1933.35	2	+0 270	0430	7.5	-00 56	02 05 14.443	1933.91	3	-1 293
0332	8.8	+00 23	01 38 53.646	1933.39	2	+0 272	0431	8.0	-00 45	02 06 03.828	1933.24	3	-1 296
0334	8.7	+01 33	01 39 19.458	1933.38	2	+0 304	0432	8.6	+00 36	02 06 16.146	1932.87	2	+0 356
0335	9.0	+00 44	01 39 26.102	1933.37	2	+0 273	0433	7.7	-00 46	02 06 19.855	1933.35	2	-1 297
0338	8.6	-00 50	01 39 38.048	1933.37	2	-1 231	0434	8.8	+01 23	02 07 16.234	1933.23	3	+1 337
0339	8.4	-01 23	01 40 04.308	1933.85	3	-1 232	0435	8.9	+00 28	02 07 21.977	1933.88	2	+0 358
0340	8.4	-00 55	01 41 00.338	1933.53	3	-1 234	0436	9.0	-01 18	02 07 25.431	1933.27	3	-1 299
0341	8.4	+00 33	01 41 23.031	1933.34	2	+0 278	0437	8.2	+00 10	02 07 47.463	1932.93	2	-0 326
0343	8.5	-00 01	01 42 12.968	1933.36	2	-0 265	0438	8.5	-00 25	02 07 59.667	1932.92	2	-0 327
0344	8.6	-00 51	01 42 21.016	1933.36	2	-1 236	0439	8.3	+01 21	02 08 57.654	1933.24	3	+0 362
0346	9.0	-00 07	01 43 31.769	1933.38	2	-0 268	0440	8.9	+01 23	02 09 03.717	1933.53	3	+1 384
0348	8.5	-00 17	01 43 57.406	1933.35	2	-0 270	0441	8.7	-00 06	02 09 21.379	1933.55	3	-0 329
0349	8.8	-00 40	01 44 07.264	1933.34	2	-1 239	0443	8.9	-00 21	02 11 11.213	1933.87	2	-0 335
0351	8.6	-00 09	01 44 19.390	1933.53	3	-0 272	0444	7.6	+01 21	02 12 09.569	1932.91	3	+0 369
0352	8.0	+00 28	01 44 56.115	1932.87	2	+0 289	0446	7.5	+00 24	02 12 45.329	1933.22	3	+0 370
0353	8.0	-00 12	01 45 11.978	1933.38	3	-0 274	0448	9.0	+00 07	02 13 14.737	1933.35	2	-0 338
0354	8.2	-01 18	01 45 34.325	1933.40	2	-1 244	0450	9.0	-01 37	02 13 45.584	1933.37	2	-1 309
0355	9.0	+01 10	01 45 42.959	1933.35	2	+0 292	0451	9.0	-00 27	02 13 53.897	1933.38	2	-0 340
0356	8.6	+01 33	01 45 48.285	1933.21	3	+1 320	0452	8.5	+00 31	02 13 59.660	1933.36	2	+0 373
0357	8.2	+00 06	01 45 53.424	1933.39	2	-0 277	0454	7.8	-01 32	02 14 48.858	1933.38	2	+1 407
0359	9.0	-01 46	01 46 25.736	1933.87	2	-2 299	0460	6.0	+01 25	02 15 38.085	1934.59	2	+1 410
0366	9.2	-01 21	01 48 29.835	1933.38	2	-1 251	0462	8.4	+00 01	02 16 18.113	1933.35	2	-0 345
0367	8.7	-00 38	01 48 35.982	1934.46	2	-1 252	0463	8.9	-00 15	02 16 35.562	1933.27	3	-0 347
0368	9.0	-00 59	01 48 35.261	1933.35	2	-1 253	0464	8.6	-01 06	02 16 51.665	1932.93	2	-1 316
0372	9.0	-00 59	01 50 19.219	1933.35	2	-1 255	0465	9.0	-00 30	02 17 39.072	1933.36	2	-0 349
0373	8.6	-01 44	01 50 25.152	1933.37	2	-2 310	0466	8.4	-00 47	02 17 43.107	1933.35	2	-1 317
0374	7.5	-01 40	01 50 44.878	1933.35	2	-2 311	0467	8.6	-00 36	02 17 46.513	1933.94	3	-0 350
0381	8.2	-01 33	01 52 06.135	1933.36	2	-1 260	0469	8.8	+01 16	02 18 02.517	1933.90	2	+0 385
0380	8.9	+01 19	01 52 07.369	1934.47	2	+0 306	0470	9.0	-00 58	02 19 04.900	1933.36	2	-1 320
0382	9.0	+00 27	01 52 26.562	1933.36	2	+0 307	0471	7.5	-00 29	02 19 17.581	1933.35	2	-0 354
0383	8.8	-00 08	01 52 37.286	1933.55	3	-0 292	0472	8.2	-00 40	02 19 19.000	1932.92	2	-1 321
0385	8.9	+00 16	01 52 54.819	1933.38	2	-0 294	0473	8.1	+00 38	02 19 23.022	1932.95	2	+0 391
0387	6.5	+01 29	01 53 29.118	1933.52	3	+1 347	0474	6.0	+00 05	02 19 33.325	1933.39	2	+0 355
0388	8.8	+01 18	01 54 16.979	1933.53	3	+0 313	0477	8.6	-00 08	02 19 58.061	1932.93	2	-0 357
0390	9.0	-01 20	01 54 44.881	1933.89	2	+0 317	0479	9.0	-01 20	02 20 12.775	1934.47	2	-1 324
0391	9.2	-01 25	01 55 15.618	1933.38	2	-1 265	0480	8.5	-00 49	02 20 12.015	1933.90	2	-1 325
0392	8.2	+00 10	01 55 46.035	1933.25	3	-0 301	0482	8.9	-01 52	02 21 05.668	1933.21	3	-1 328

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
0484	9.0	-00° 57'	02 ^h 21 ^m 14. ^s 150	1932.92	2	-1° 330	0600	9.0	-01° 33'	02 ^h 50 ^m 45. ^s 379	1932.90	2	-1° 406
0485	8.2	+00 19	02 22 41.432	1932.57	3	-0 360	0602	9.0	-00 16	02 51 06.160	1935.09	2	-0 446
0486	8.7	+01 04	02 22 56.697	1933.24	3	+0 395	0605	8.7	-01 45	02 51 18.657	1932.95	2	-2 513
0487	8.7	+01 16	02 22 57.077	1932.91	2	+0 396	0608	7.0	-00 20	02 52 22.445	1932.88	2	-0 450
0488	var	-00 30	02 23 40.349	1934.03	3	-	0609	8.8	+01 25	02 52 25.187	1932.92	2	+1 510
0489	8.8	+00 17	02 24 04.390	1932.92	2	-0 362	0620	7.5	+00 10	02 54 45.101	1932.90	2	-0 460
0490	9.0	-01 17	02 24 56.347	1933.36	2	-1 355	0624	8.8	+00 09	02 56 03.438	1932.87	2	-0 465
0491	8.7	-01 20	02 24 58.378	1932.93	2	-1 336	0626	8.1	+01 22	02 56 59.502	1932.90	2	+1 520
0492	8.0	-01 04	02 25 05.248	1932.90	2	-1 338	0630	9.0	-00 21	02 57 24.898	1934.58	2	+0 492
0494	9.0	-01 06	02 25 31.463	1934.59	2	-1 340	0631	8.1	-00 57	02 57 33.831	1934.60	2	-1 428
0495	8.6	-00 05	02 25 35.292	1932.92	2	-0 365	0632	9.0	+00 37	02 57 41.303	1934.58	2	+0 493
0496	8.5	+01 10	02 25 58.566	1933.40	2	+0 404	0640	8.2	+00 53	02 58 59.451	1932.93	2	+0 499
0497	8.5	-00 33	02 26 00.479	1932.92	2	-0 367	0641	8.9	+01 30	02 59 11.549	1934.59	2	+1 527
0498	8.4	+00 28	02 26 55.330	1933.24	3	+0 408	0644	8.0	-01 11	02 59 29.001	1932.95	2	-1 434
0501	8.7	-00 12	02 27 44.665	1933.35	2	-0 373	0647	9.0	+00 34	03 00 16.804	1934.59	2	+0 502
0502	8.4	-00 24	02 27 53.453	1933.38	2	-0 374	0649	8.0	+01 06	03 00 44.181	1932.88	2	+0 503
0503	8.9	+00 00	02 27 54.955	1933.38	2	-0 375	0650	8.8	+01 14	03 01 07.409	1934.47	2	+0 506
0504	9.0	-01 07	02 28 11.760	1935.07	2	-1 345	0651	8.8	+00 45	03 01 32.324	1935.06	2	+0 507
0506	6.5	-00 03	02 28 23.750	1933.86	2	-0 378	0653	8.5	+00 35	03 02 50.900	1933.42	4	+0 511
0509	7.5	+00 47	02 29 05.338	1933.96	2	+0 415	0655	8.5	+00 56	03 03 35.444	1934.34	3	+0 515
0513	8.1	-01 30	02 29 44.941	1932.94	2	-1 352	0656	9.0	-00 51	03 03 53.282	1934.48	2	-1 441
0512	9.0	-01 12	02 29 48.924	1935.04	2	-1 351	0657	8.8	+00 30	03 04 12.712	1932.88	2	+0 517
0515	8.4	-00 37	02 29 59.771	1933.39	2	-0 381	0658	9.0	+01 03	03 04 26.423	1934.51	2	+0 518
0517	7.5	+00 44	02 30 18.052	1933.52	2	+0 421	0661	9.0	+00 48	03 05 15.363	1934.48	2	+0 521
0521	8.3	-00 10	02 30 52.605	1933.37	2	-0 382	0662	7.8	+01 08	03 05 18.479	1934.51	2	+0 522
0523	8.4	-00 21	02 31 35.209	1932.92	2	-0 384	0663	9.0	+00 56	03 05 18.864	1933.98	2	+0 523
0525	8.8	+00 03	02 31 56.920	1932.91	2	-0 385	0665	8.5	+00 36	03 05 19.146	1933.26	3	+0 524
0527	8.0	+00 56	02 32 33.672	1935.02	2	+0 430	0667	8.6	+00 51	03 06 31.319	1932.99	2	+0 529
0529	8.9	-01 30	02 32 34.496	1933.37	2	-1 360	0668	9.0	+01 11	03 06 54.211	1932.92	2	+0 530
0532	8.7	-00 39	02 33 29.030	1934.57	2	-0 394	0670	7.8	+01 13	03 07 25.044	1932.92	2	+0 531
0533	8.7	-00 08	02 33 34.308	1933.35	2	-0 395	0672	9.0	+01 00	03 08 58.624	1932.88	2	+0 535
0534	7.8	-00 57	02 34 04.102	1933.40	2	-1 363	0673	9.0	-00 58	03 09 02.427	1933.51	2	-1 450
0539	8.4	-01 43	02 36 01.784	1932.87	2	-2 456	0674	7.8	-00 45	03 09 21.177	1934.48	2	-1 451
0540	9.0	-01 33	02 36 19.324	1933.35	2	-1 372	0675	9.1	-01 38	03 09 23.566	1934.58	2	-1 452
0544	8.4	-00 09	02 37 28.385	1933.38	2	-0 407	0677	8.0	-00 09	03 09 42.254	1934.51	2	-0 503
0545	8.5	-00 34	02 37 47.339	1932.58	2	-0 408	0680	8.2	-00 30	03 09 51.834	1935.06	2	-0 506
0547	9.0	+00 53	02 38 19.025	1933.86	2	+0 444	0681	8.4	-01 13	03 09 55.554	1934.60	2	-1 455
0551	9.0	-00 24	02 39 03.092	1935.05	2	-0 409	0683	8.4	-01 07	03 10 07.490	1934.69	3	-1 456
0553	7.8	+00 15	02 39 06.687	1933.37	2	-0 410	0685	8.6	-00 39	03 10 32.428	1933.51	2	-0 510
0554	8.0	+00 15	02 39 35.977	1933.53	3	-0 411	0686	9.0	-01 05	03 10 49.435	1934.50	2	-1 458
0556	9.0	-01 37	02 40 07.066	1933.92	2	-1 382	0687	8.6	-00 05	03 11 01.537	1934.51	2	-0 511
0563	9.0	-00 05	02 41 26.777	1935.02	2	-0 418	0688	8.6	+01 10	03 11 05.784	1934.51	2	+0 541
0567	8.0	-01 08	02 42 20.683	1933.39	2	-1 388	0690	8.9	+00 09	03 11 47.502	1934.68	3	-0 514
0571	8.8	+01 15	02 43 05.517	1932.90	2	+0 456	0691	9.0	-00 35	03 12 05.290	1933.62	3	-0 516
0573	9.0	-01 19	02 44 13.306	1934.58	2	-1 390	0694	8.9	+01 18	03 12 47.140	1933.41	2	+0 568
0574	8.4	-01 41	02 44 09.225	1932.93	2	-1 391	0692	8.8	+01 21	03 12 47.611	1934.50	2	+1 567
0575	8.5	+00 46	02 45 01.268	1932.90	2	+0 459	0696	8.5	-01 26	03 12 58.207	1932.96	2	-1 465
0578	8.0	+01 25	02 45 13.472	1932.92	2	+1 487	0695	8.9	+01 26	03 13 05.131	1935.04	2	+1 569
0583	8.8	-01 48	02 46 28.643	1932.87	2	-2 491	0697	8.8	+00 37	03 13 05.793	1934.51	2	+0 550
0585	8.8	+01 05	02 46 58.887	1933.25	3	+0 467	0698	8.6	-00 44	03 13 12.465	1934.59	2	-1 466
0588	7.3	+00 38	02 47 12.236	1932.58	2	+0 469	0699	8.8	+00 30	03 13 37.023	1934.43	3	+0 553
0589	8.4	+01 31	02 47 13.610	1932.92	2	+1 494	0700	8.5	+00 12	03 13 48.734	1933.28	3	-0 517
0591	8.1	+00 41	02 47 54.786	1933.25	2	+0 471	0701	9.0	-00 41	03 14 05.457	1934.52	2	-0 519
0592	8.0	+01 25	02 48 50.966	1932.88	2	+1 502	0702	8.8	+00 44	03 14 19.074	1934.58	2	+0 556
0594	8.0	-00 59	02 49 02.565	1932.90	2	-1 398	0703	8.6	+01 10	03 14 39.608	1934.59	3	+0 558
0597	8.9	-01 08	02 49 13.387	1934.50	2	-1 400	0704	8.3	+01 18	03 14 55.184	1934.52	2	+1 574
0598	8.9	+01 00	02 49 37.750	1933.92	3	+0 475	0707	6.2	-01 11	03 15 58.797	1932.94	3	-1 469
0599	8.3	-00 56	02 49 47.623	1932.90	2	-1 401	0708	8.9	-01 52	03 16 10.886	1933.38	2	-2 598

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
0710	9.2	+01° 25'	03 ^h 17 ^m 23. ^s 327	1934.50	2	+1° 578	0785	8.1	-01° 01'	03 ^h 37 ^m 23. ^s 399	1934.56	2	-1° 518
0712	7.4	+01 14	03 17 35.593	1932.94	2	+0 567	0786	7.9	-01 49	03 37 26.842	1934.52	2	-2 683
0714	9.0	-01 47	03 17 46.693	1934.32	3	-2 605	0787	6.8	-01 21	03 37 41.125	1934.51	2	-1 519
0715	9.0	-01 47	03 17 51.658	1934.59	2	-2 606	0788	9.0	-01 53	03 38 37.725	1934.32	3	-2 691
0717	8.4	+00 55	03 18 33.460	1935.05	2	+0 570	0791	8.6	-00 23	03 39 15.465	1933.41	2	-0 585
0719	8.5	-00 37	03 18 49.312	1934.50	2	-0 532	0790	9.2	+00 53	03 39 16.013	1934.51	2	+0 640
0720	8.4	+00 18	03 18 51.252	1934.32	3	+0 572	0793	8.9	-00 18	03 40 54.795	1934.48	2	-0 587
0723	9.0	+01 15	03 18 59.022	1934.49	2	+0 574	0794	8.6	+00 13	03 41 01.541	1933.43	3	-0 590
0724	9.0	+00 29	03 20 05.880	1932.94	2	+0 578	0795	9.2	+00 56	03 41 06.111	1934.51	2	+0 646
0725	9.0	-00 47	03 20 15.470	1933.41	2	-1 479	0796	6.0	-01 23	03 42 12.266	1934.56	2	-1 526
0726	8.5	+00 55	03 20 23.359	1932.96	2	+0 579	0797	8.9	-00 39	03 42 26.904	1933.38	2	-0 592
0727	8.8	-01 44	03 20 49.707	1932.91	2	-1 481	0798	9.0	-00 58	03 42 31.357	1934.50	2	-1 528
0728	7.0	+00 40	03 21 12.257	1933.41	2	+0 581	0799	6.5	-00 31	03 42 33.687	1933.41	2	-0 593
0729	8.9	+00 30	03 21 17.289	1934.01	3	+0 582	0800	8.9	+01 15	03 42 52.786	1934.51	2	+1 658
0731	8.9	+00 00	03 21 51.449	1933.49	2	-0 540	0801	9.0	+00 19	03 42 54.145	1934.51	2	+0 648
0732	9.0	+00 05	03 22 16.626	1934.59	2	-0 543	0802	8.5	+00 24	03 43 19.022	1932.94	2	+0 651
0734	8.9	-01 24	03 23 03.512	1933.40	2	-1 487	0803	8.0	+00 00	03 43 30.251	1933.52	2	-0 594
0735	9.0	-00 58	03 23 28.777	1934.50	2	-1 490	0804	9.0	+01 11	03 43 40.274	1933.42	2	+0 652
0736	9.0	-01 45	03 23 38.378	1934.69	3	-1 491	0805	9.0	-00 07	03 44 28.285	1934.58	2	-0 598
0737	8.6	-00 53	03 23 45.492	1934.50	2	-1 493	0806	9.0	-01 40	03 44 51.883	1935.08	2	-1 533
0738	9.0	+01 06	03 23 52.300	1934.58	2	+0 587	0807	8.8	+00 09	03 45 36.452	1933.40	2	-0 600
0740	8.6	-01 17	03 23 58.542	1934.60	2	-1 495	0809	9.0	-00 07	03 45 50.781	1934.50	2	-0 601
0739	9.0	+00 59	03 23 59.704	1934.59	2	+0 588	0810	8.8	-01 23	03 46 05.751	1934.51	2	+1 664
0741	8.6	+01 26	03 24 01.669	1934.59	2	+1 594	0811	8.6	-01 45	03 46 07.197	1934.51	2	-1 536
0742	7.8	-00 13	03 24 24.475	1932.91	2	-0 546	0812	6.5	+00 01	03 46 18.869	1934.48	2	-0 602
0744	9.0	+00 10	03 26 49.009	1932.92	2	-0 553	0813	9.0	-01 18	03 46 44.054	1934.52	2	-1 537
0745	9.0	+01 00	03 27 37.004	1935.08	2	+0 596	0814	8.9	-01 43	03 46 55.413	1933.52	2	-1 538
0747	9.1	+00 56	03 27 40.561	1934.52	2	+0 598	0815	7.3	-01 40	03 47 00.724	1934.60	2	-1 539
0748	9.0	+00 29	03 27 51.904	1934.58	2	+0 599	0816	9.0	-01 03	03 47 04.498	1934.51	2	-1 540
0751	7.3	-00 43	03 28 40.072	1932.90	2	-0 560	0817	8.5	+01 09	03 47 09.731	1933.40	2	+0 659
0752	9.2	+00 24	03 29 38.628	1935.09	2	+0 602	0821	9.0	-00 08	03 47 55.309	1934.52	2	+0 607
0753	8.6	+00 03	03 29 43.815	1932.92	2	-0 561	0819	9.0	+00 07	03 47 56.069	1934.50	2	-0 606
0754	8.9	-01 54	03 30 21.042	1933.43	2	-2 651	0822	7.0	-01 44	03 47 56.373	1935.09	2	-1 544
0756	8.5	-01 32	03 30 45.654	1934.51	2	-1 508	0823	7.0	+01 21	03 48 16.950	1933.51	2	+1 667
0758	9.0	-01 45	03 31 06.597	1934.61	2	-1 510	0824	8.9	+00 48	03 48 28.460	1934.52	2	+0 663
0757	8.8	-00 07	03 31 07.668	1934.51	2	-0 563	0825	8.7	-00 23	03 48 29.360	1933.41	2	-0 608
0759	8.7	-00 38	03 31 21.590	1934.52	2	-0 565	0827	8.6	-00 14	03 48 48.595	1934.58	2	-0 609
0761	9.0	-00 05	03 31 56.101	1934.52	2	-0 566	0826	8.1	+00 43	03 48 51.031	1935.08	2	+0 664
0762	8.2	+01 10	03 31 58.701	1933.38	2	+0 607	0828	8.6	-01 35	03 49 09.240	1934.51	2	-1 546
0763	8.6	+00 27	03 32 14.376	1934.51	2	+0 608	0829	8.9	+00 08	03 49 11.144	1933.52	2	-0 610
0765	9.0	-00 58	03 32 47.511	1932.90	3	-1 513	0830	9.0	-00 44	03 49 31.053	1934.60	2	-0 611
0766	8.8	-01 48	03 33 59.164	1932.91	2	-2 668	0831	8.8	-01 50	03 49 40.205	1933.40	2	-2 739
0767	9.0	+01 27	03 34 14.292	1933.40	2	+1 626	0832	7.0	-01 21	03 49 50.559	1934.57	2	-1 548
0768	8.8	-00 31	03 34 18.882	1933.58	2	-0 571	0833	7.5	-00 52	03 49 58.167	1934.52	2	-1 549
0769	7.0	+00 20	03 34 23.720	1933.41	2	+0 616	0835	8.9	-01 13	03 50 24.804	1934.49	2	-1 551
0770	4.0	+00 11	03 34 33.341	1934.48	2	-0 572	0834	9.0	+00 56	03 50 25.357	1934.50	2	+0 670
0771	8.8	+00 42	03 34 37.482	1934.48	2	+0 617	0836	9.0	-00 12	03 50 34.847	1934.53	2	-0 613
0772	9.1	-00 35	03 34 48.948	1934.52	2	-0 574	0838	8.6	+01 11	03 51 10.682	1933.40	2	+0 671
0773	8.6	+01 07	03 34 52.924	1934.51	2	+0 620	0839	9.0	-01 43	03 51 23.363	1934.50	2	-1 553
0774	8.8	+01 15	03 35 06.335	1934.51	2	+1 630	0840	9.0	+00 48	03 51 44.125	1934.48	2	+0 672
0775	8.0	+00 54	03 35 17.337	1934.45	2	+0 622	0841	9.1	+00 26	03 51 49.252	1935.11	2	+0 673
0776	9.0	+00 45	03 35 31.106	1934.48	2	+0 625	0842	8.8	-00 21	03 51 54.355	1934.52	2	-0 616
0778	9.0	+01 11	03 35 36.094	1934.51	2	+0 627	0843	8.6	+00 05	03 51 55.117	1934.51	2	-0 617
0779	8.7	+01 14	03 35 57.274	1934.50	2	+0 628	0844	8.0	+01 04	03 52 01.291	1934.52	2	+0 675
0780	8.8	-01 48	03 36 07.885	1934.52	2	-2 677	0846	8.9	-01 28	03 52 40.418	1934.52	2	-1 558
0781	8.6	-00 45	03 36 21.456	1933.58	3	-0 579	0847	8.7	-01 56	03 53 02.856	1934.49	2	-2 754
0783	7.9	-01 45	03 36 36.534	1934.52	2	-1 516	0848	9.0	-01 17	03 53 14.774	1933.93	2	-1 559
0784	8.2	-00 46	03 36 46.714	1935.09	2	-1 517	0849	9.0	+00 31	03 53 44.563	1933.40	2	+0 678

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
0850	7.9	-01° 46'	03 ^h 54 ^m 22. ^s 302	1933.42	2	-1° 561	0915	8.4	-01° 10'	04 ^h 12 ^m 39. ^s 558	1934.36	3	-1° 604
0852	9.0	+00 11	03 54 51.434	1935.51	2	-0 622	0916	9.0	-00 43	04 12 42.159	1934.53	2	-0 663
0853	8.5	-01 21	03 55 08.132	1933.40	2	-1 565	0917	8.8	-01 24	04 12 52.699	1934.53	2	-1 605
0854	9.2	-00 11	03 55 39.044	1934.52	2	-0 624	0918	7.9	-00 10	04 13 18.444	1934.55	2	-0 666
0855	7.3	+01 15	03 55 56.497	1933.44	2	+1 685	0920	8.7	-01 45	04 13 26.032	1934.51	2	-1 607
0856	8.9	+00 33	03 56 31.703	1933.39	2	+0 684	0919	9.0	+00 40	04 13 28.143	1934.56	2	+0 720
0858	8.8	+00 46	03 56 49.304	1933.44	2	+0 685	0921	9.0	-00 38	04 13 38.993	1934.52	2	-0 667
0857	9.0	+01 19	03 56 51.498	1934.52	2	+1 687	0922	7.6	+00 17	04 13 40.948	1934.62	2	+0 721
0859	8.4	-00 36	03 57 06.556	1934.50	2	-0 626	0923	8.6	+00 25	04 13 46.047	1934.61	2	+0 722
0860	8.9	-01 57	03 57 08.230	1934.52	2	-2 770	0924	8.7	+01 04	04 13 52.143	1934.61	2	+0 723
0861	9.0	-00 15	03 57 28.644	1934.51	2	-0 627	0925	8.3	-00 44	04 14 06.912	1932.96	2	-0 668
0862	8.3	+01 12	03 57 37.415	1933.42	2	+0 687	0926	8.6	-01 19	04 14 25.475	1934.02	3	-1 609
0863	9.0	-01 40	03 57 45.261	1935.10	2	-1 570	0928	8.8	+00 45	04 14 51.470	1934.52	2	+0 726
0864	9.0	-00 27	03 57 56.403	1934.53	2	+0 688	0929	9.0	-01 43	04 15 08.195	1934.62	2	-1 611
0865	9.1	+01 24	03 59 16.330	1935.08	3	+1 692	0932	9.0	-00 18	04 15 47.214	1934.10	2	-0 677
0866	6.0	-01 44	03 59 11.206	1933.43	2	-1 572	0933	8.6	+00 04	04 15 50.049	1933.04	2	-0 0678
0867	9.0	-01 11	03 59 12.958	1933.38	2	-1 571	0936	8.8	+01 06	04 16 04.936	1933.45	2	+0 729
0868	8.4	-00 07	03 59 49.997	1933.40	2	-0 630	0937	7.8	-01 06	04 16 33.496	1933.52	2	-1 615
0869	8.8	-00 08	03 59 59.287	1934.53	2	-0 631	0939	8.9	-01 27	04 17 16.330	1934.52	2	-1 616
0870	7.8	-01 50	03 59 59.418	1934.50	2	-2 777	0940	9.0	+00 05	04 17 33.227	1934.61	2	-0 682
0871	6.0	+00 12	04 00 16.859	1934.52	2	-0 632	0941	8.8	-01 50	04 17 46.538	1933.52	2	-1 618
0872	7.2	-01 00	04 00 19.651	1934.52	2	-1 574	0942	7.7	-01 29	04 18 11.170	1934.52	2	-1 619
0873	8.6	-00 15	04 00 39.267	1934.50	2	-0 633	0943	8.8	-01 54	04 18 17.888	1934.78	3	-2 871
0874	9.2	-01 55	04 01 09.033	1934.60	2	-2 784	0944	8.8	-01 54	04 18 23.402	1934.59	3	-2 873
0875	9.0	+00 12	04 01 35.295	1934.51	2	-0 635	0945	8.0	-00 05	04 18 29.788	1934.61	2	-0 685
0876	9.0	-00 55	04 01 36.581	1934.53	2	-1 576	0947	8.5	+00 42	04 18 52.162	1934.61	2	+0 735
0877	9.0	+01 16	04 01 47.603	1934.52	2	+1 695	0948	6.5	-00 16	04 19 04.435	1933.42	2	-0 687
0878	8.2	-01 22	04 01 51.377	1934.59	2	-1 577	0949	9.0	-00 45	04 19 37.439	1934.53	2	-0 688
0879	9.0	-01 42	04 02 02.474	1934.54	2	-1 579	0950	9.0	-00 05	04 19 38.321	1934.53	2	-0 689
0880	9.0	+00 04	04 02 11.587	1934.53	2	-0 636	0951	8.2	-00 43	04 20 08.603	1934.23	4	-0 690
0881	9.0	+01 07	04 02 14.768	1934.52	2	+0 692	0953	8.6	-01 31	04 20 42.142	1933.42	2	-1 627
0883	8.9	-00 23	04 02 39.008	1934.76	3	-0 639	0955	9.0	-01 27	04 20 50.746	1934.61	2	-1 629
0884	7.5	-01 12	04 02 56.458	1934.72	3	-1 581	0956	8.9	+00 21	04 20 57.512	1934.53	2	+0 741
0885	7.5	-00 45	04 02 57.275	1934.55	2	-0 640	0954	9.0	-00 43	04 21 04.336	1932.96	2	-0 694
0887	8.6	-00 00	04 03 16.163	1934.31	3	-0 641	0958	8.9	-00 17	04 21 06.167	1934.62	2	-0 695
0888	9.0	-00 51	04 03 31.982	1933.44	2	-1 583	0959	9.0	-01 23	04 21 07.478	1934.63	2	-1 631
0890	8.7	-00 13	04 03 46.303	1933.41	2	-0 642	0961	9.0	-00 54	04 21 38.742	1933.53	2	-1 632
0891	9.0	-01 34	04 03 49.512	1934.77	3	-1 584	0962	9.1	+00 07	04 21 49.853	1934.59	2	-0 696
0892	9.2	+01 21	04 04 13.046	1934.62	2	-	0963	9.0	-00 29	04 22 23.405	1934.50	2	-0 697
0893	8.8	-01 48	04 05 21.034	1933.39	2	-1 588	0965	9.0	-00 19	04 22 34.963	1934.52	2	-0 698
0894	9.0	+01 02	04 05 38.649	1934.50	2	+0 700	0966	9.0	+00 10	04 22 48.242	1934.52	2	-0 699
0895	8.2	+00 36	04 06 18.054	1933.41	2	+0 701	0967	7.6	-01 34	04 23 23.707	1935.07	2	-1 641
0896	9.0	-01 18	04 06 32.919	1934.50	2	+1 708	0969	9.0	-00 13	04 23 29.044	1933.45	2	-0 701
0897	8.0	-00 00	04 06 47.522	1934.90	3	-0 648	0970	7.8	+00 52	04 23 32.006	1933.51	2	+0 753
0898	8.5	-01 52	04 07 18.374	1934.31	3	-2 820	0968	8.8	+00 57	04 23 32.889	1934.50	2	+0 752
0899	9.0	-00 04	04 07 22.721	1934.33	3	-0 649	0972	8.8	+00 31	04 23 42.748	1934.76	3	+0 754
0901	9.0	-00 04	04 08 22.859	1934.31	3	-0 652	0973	7.5	-00 40	04 24 08.406	1934.53	2	-0 702
0902	7.2	-00 36	04 09 13.186	1934.70	3	-0 653	0974	8.9	+00 15	04 24 25.506	1934.51	2	+0 757
0903	8.8	-00 05	04 09 23.372	1934.31	3	-0 654	0975	8.2	-01 53	04 24 32.405	1934.71	3	-2 903
0904	7.5	-00 33	04 09 48.921	1934.53	2	+0 710	0976	9.0	+00 17	04 24 57.928	1934.50	4	+0 758
0905	8.7	+00 35	04 10 15.546	1934.52	2	+0 711	0978	9.2	+00 14	04 25 40.866	1934.51	2	+0 762
0906	9.0	+00 00	04 10 44.669	1934.50	2	-0 656	0979	6.0	+01 14	04 26 07.759	1933.68	3	+1 757
0907	9.1	+00 22	04 11 16.183	1934.51	2	+0 714	0980	9.0	+00 37	04 26 15.381	1934.51	2	+0 764
0908	7.5	-01 50	04 11 16.371	1933.24	3	-1 600	0982	9.0	-00 57	04 27 21.177	1934.71	3	-1 652
0909	9.0	-00 22	04 11 22.746	1934.51	2	-0 658	0983	8.8	+00 34	04 27 31.360	1934.50	2	+0 770
0911	9.0	-00 31	04 11 51.632	1934.71	3	-0 660	0984	9.0	-00 17	04 27 39.180	1934.54	2	-0 707
0913	8.9	-00 32	04 12 03.590	1934.52	2	-0 662	0985	9.0	-00 18	04 27 52.588	1934.51	2	-0 708
0914	9.0	+00 31	04 12 17.695	1934.53	2	+0 717	0986	9.2	-00 45	04 28 08.699	1934.55	2	-0 709

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
0987	9.0	+00°23'	04 ^h 28 ^m 12. ^s 541	1934.50	2	+0° 773	1061	9.0	-01° 35'	04 ^h 40 ^m 52. ^s 769	1934.54	2	-1° 705
0988	7.8	-00 02	04 28 20.514	1932.95	2	-0 710	1062	9.1	-01 26	04 40 54.986	1934.59	2	-1 706
0989	8.9	-01 35	04 28 24.293	1934.50	2	-1 657	1063	9.3	-01 12	04 41 03.336	1934.61	2	-1 707
0990	9.0	+00 25	04 28 27.890	1934.51	2	+0 774	1064	8.7	-01 15	04 41 12.893	1934.50	2	-1 708
0991	9.1	-00 59	04 28 53.460	1935.13	2	-1 658	1065	8.8	+01 15	04 41 25.540	1933.44	2	+1 805
0992	8.9	-00 59	04 28 59.880	1934.71	3	-1 659	1066	9.0	+00 51	04 41 35.507	1934.48	2	+0 832
0993	8.9	-00 50	04 29 23.950	1934.58	2	-0 712	1067	9.1	-01 04	04 41 50.635	1935.12	2	-1 709
0994	8.6	-01 30	04 29 24.424	1933.67	3	-1 660	1070	7.0	+00 26	04 42 22.109	1934.51	2	+0 834
0996	9.0	-01 04	04 29 33.325	1933.52	2	-1 661	1071	8.5	-01 34	04 42 21.593	1934.50	2	-1 712
0998	8.0	-01 39	04 29 49.804	1932.95	2	-1 663	1072	9.0	+01 13	04 42 31.367	1933.44	2	+1 814
0997	8.6	+01 23	04 29 55.433	1934.51	2	+1 765	1073	9.0	+01 09	04 43 38.748	1934.57	3	+1 817
1000	8.8	+00 59	04 30 09.454	1934.50	2	+0 781	1074	9.0	+01 05	04 43 56.184	1934.51	2	+0 842
1001	8.6	-00 18	04 30 34.787	1933.54	2	-0 716	1075	9.0	-00 31	04 43 56.817	1934.59	2	-0 764
1002	9.0	-00 12	04 30 45.557	1933.71	3	-0 717	1076	8.8	+01 11	04 44 04.379	1934.48	2	+1 819
1003	8.8	-01 26	04 30 57.091	1934.49	2	-1 667	1077	8.4	+00 30	04 44 29.919	1933.44	2	+0 845
1004	9.0	-01 32	04 30 57.537	1934.58	2	-1 666	1078	9.0	+00 57	04 44 42.712	1934.52	2	+0 847
1005	8.6	+00 53	04 31 10.728	1934.50	2	+0 785	1079	9.0	+00 26	04 44 29.138	1933.45	2	+0 849
1007	9.0	+00 12	04 31 25.039	1934.50	2	+0 787	1080	8.9	+00 26	04 45 16.368	1934.33	3	+0 852
1008	9.0	-00 18	04 31 54.432	1934.51	2	-0 722	1081	8.2	-00 13	04 45 22.092	1934.59	2	-0 771
1009	8.9	-01 10	04 32 02.895	1934.59	2	-1 668	1082	8.0	+00 33	04 45 45.583	1934.52	2	+0 855
1010	7.8	+00 16	04 32 04.292	1933.73	4	+0 789	1083	8.4	-00 31	04 45 57.005	1934.49	2	-0 774
1011	8.9	-00 53	04 32 09.782	1933.53	2	-1 670	1085	9.0	+01 21	04 46 02.963	1934.59	2	+1 821
1012	8.9	-01 07	04 32 20.527	1934.49	2	-1 671	1086	9.0	+00 40	04 46 08.248	1934.59	2	+0 857
1013	8.6	-00 27	04 32 29.911	1933.42	2	-0 724	1087	9.0	-01 59	04 46 08.256	1935.12	2	-2 1021
1015	8.8	-00 28	04 32 38.158	1934.53	2	-0 726	1088	8.7	+00 42	04 46 12.611	1934.61	2	+0 858
1016	9.0	-01 30	04 33 10.514	1934.53	2	-1 673	1089	8.5	-01 29	04 46 21.031	1934.50	2	-1 729
1017	8.6	+01 18	04 33 22.399	1934.55	2	+1 777	1090	8.6	+00 37	04 46 27.227	1934.53	2	+0 861
1018	8.6	+00 15	04 33 33.984	1934.59	2	+0 794	1091	8.8	-00 30	04 46 40.960	1934.52	2	-0 777
1023	8.9	-00 16	04 34 35.719	1934.62	2	-0 730	1092	9.0	-00 06	04 46 49.673	1934.60	2	-0 778
1025	9.0	+00 09	04 35 00.502	1934.60	2	-0 732	1093	9.2	-00 43	04 46 53.492	1935.13	2	-0 779
1030	9.0	-01 14	04 35 15.396	1934.54	2	-1 682	1094	8.4	-00 59	04 47 00.877	1934.60	2	-1 731
1031	8.7	-00 18	04 35 28.336	1934.50	2	-0 733	1095	8.8	-00 45	04 47 13.052	1934.72	3	-0 782
1032	8.8	-00 32	04 35 35.092	1934.50	2	-0 734	1096	8.9	+01 04	04 47 30.145	1934.32	3	+0 865
1033	9.0	-01 00	04 35 35.268	1934.61	2	-1 683	1097	8.9	+00 56	04 47 33.543	1934.48	2	+0 867
1034	9.0	-00 48	04 35 49.745	1934.51	2	-0 735	1099	9.0	-01 03	04 48 19.215	1934.77	3	-1 734
1036	8.9	-00 34	04 36 20.457	1934.50	2	-0 739	1100	7.5	+01 02	04 48 23.769	1934.31	3	+0 871
1037	9.2	-00 41	04 36 25.371	1934.53	2	-0 741	1101	7.5	-00 13	04 48 29.981	1934.61	2	-0 785
1038	8.9	-01 01	04 36 30.405	1934.51	2	-1 686	1102	9.0	-00 47	04 48 33.457	1934.52	2	-0 786
1039	9.0	+00 03	04 36 36.520	1934.53	2	-0 742	1103	8.9	-00 01	04 48 40.170	1934.61	2	-0 787
1040	8.8	+00 11	04 36 49.330	1934.50	2	+0 811	1104	8.2	-00 40	04 49 09.659	1934.52	2	-0 788
1041	7.5	-00 13	04 37 09.006	1934.51	2	-0 743	1105	8.8	-00 12	04 49 21.469	1934.58	2	-0 789
1043	8.7	+00 25	04 37 45.296	1934.50	2	+0 815	1106	8.6	+01 08	04 49 27.541	1934.44	3	+0 876
1044	9.0	-00 34	04 37 50.211	1934.51	2	-0 746	1107	8.8	+01 15	04 49 34.346	1934.04	2	+1 832
1045	8.4	-01 20	04 38 23.403	1934.50	2	-1 692	1109	8.8	-00 04	04 49 49.383	1934.61	2	-0 790
1047	8.0	+00 50	04 38 32.833	1933.69	3	+0 817	1108	9.0	+00 38	04 49 52.152	1935.04	2	+0 878
1048	9.2	-01 02	04 38 48.691	1934.53	2	-1 695	1110	8.9	+00 51	04 50 04.880	1934.52	2	+0 881
1049	9.1	-00 32	04 39 01.613	1934.51	2	-0 748	1111	9.1	-00 05	04 50 11.933	1935.08	2	-0 792
1050	8.9	+00 41	04 39 06.937	1934.52	2	+0 819	1113	8.9	+00 00	04 50 30.868	1934.53	2	-0 793
1051	8.0	+00 26	04 39 15.922	1934.51	2	+0 821	1114	8.4	-01 23	04 50 46.850	1934.54	2	-1 743
1052	8.5	-00 53	04 39 12.710	1933.51	2	-1 697	1115	8.5	-01 23	04 50 47.089	1934.61	2	-1 744
1053	9.0	-01 51	04 39 15.651	1934.57	2	-1 699	1116	8.9	+00 18	04 50 53.155	1934.61	2	+0 887
1054	9.0	+01 09	04 39 23.118	1934.61	2	+1 799	1120	8.8	-01 53	04 51 16.206	1934.76	3	-2 1054
1055	9.0	-01 48	04 39 51.653	1934.50	2	-1 700	1124	8.6	-01 50	04 51 55.083	1934.59	2	-1 749
1056	7.5	-01 04	04 40 01.214	1933.52	2	-1 702	1136	8.9	-00 14	04 53 01.922	1934.61	2	-0 801
1057	9.0	+01 19	04 40 13.751	1934.32	3	+1 800	1150	9.0	+00 58	04 54 22.166	1934.77	3	+0 904
1058	9.0	+00 46	04 40 20.669	1932.95	2	+0 829	1151	8.2	+00 07	04 54 40.104	1933.05	2	-0 807
1059	8.0	+00 59	04 40 39.336	1934.51	2	+0 830	1153	7.2	-01 11	04 54 59.200	1934.65	2	-1 762
1060	8.2	-00 43	04 40 37.640	1934.53	2	-0 758	1152	8.8	+00 53	04 55 03.227	1934.86	4	+0 905

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
1154	9.0	-01° 57'	04 ^h 55 ^m 30. ^s 884	1934.60	2	-1° 763	1225	8.8	-00° 05'	05 ^h 08 ^m 34. ^s 680	1933.61	3	-0° 872
1155	8.5	+00 46	04 55 46.932	1934.57	2	+0 906	1226	8.5	-01 51	05 08 37.187	1933.56	2	-1 823
1157	8.6	-00 40	04 55 54.938	1934.60	2	-0 811	1230	9.0	-01 56	05 09 21.104	1934.72	3	-2 1166
1158	7.8	+00 21	04 55 57.258	1934.65	2	+0 908	1227	7.5	+00 26	05 09 21.186	1934.60	2	+0 974
1159	8.8	+00 02	04 56 18.672	1935.03	2	-0 813	1228	8.9	-00 54	05 09 21.785	1934.57	2	-0 875
1162	9.0	-01 04	04 56 29.201	1934.55	2	-1 765	1229	6.5	+00 57	05 09 24.482	1934.60	2	+0 975
1164	9.0	-00 20	04 56 33.832	1934.51	2	-0 816	1231	8.6	+00 31	05 09 42.029	1933.45	2	+0 978
1165	9.0	+00 56	04 57 06.175	1934.50	2	+0 911	1232	9.0	+00 17	05 09 53.170	1934.62	2	+0 979
1166	9.0	+01 04	04 57 37.644	1934.58	2	+0 915	1233	8.9	+01 15	05 09 57.076	1934.57	2	+1 932
1169	8.7	-02 03	04 57 54.791	1933.04	2	-2 1094	1235	9.1	-01 53	05 10 03.095	1934.32	3	-1 827
1167	7.8	-00 18	04 57 55.895	1934.51	2	-0 818	1234	8.5	-00 04	05 10 03.546	1934.34	3	-0 877
1168	9.0	+00 54	04 57 59.765	1934.50	2	+0 916	1236	8.0	-00 00	05 10 18.206	1934.77	3	-0 879
1170	9.0	-00 06	04 58 15.018	1934.59	2	-0 819	1237	9.0	-01 38	05 10 21.808	1934.58	2	-1 829
1171	9.0	+00 20	04 58 21.527	1934.61	2	+0 918	1238	9.1	-01 39	05 10 32.998	1934.60	2	-1 830
1173	9.0	-00 47	04 58 23.990	1934.54	2	-0 821	1239	8.5	-00 10	05 10 36.768	1932.96	2	-0 882
1172	8.9	-00 09	04 58 25.050	1934.50	2	-0 820	1240	9.0	+00 25	05 10 45.874	1934.60	2	+0 983
1174	9.0	-00 36	04 58 31.829	1935.06	2	-0 823	1241	9.0	+00 27	05 11 03.178	1934.75	3	+0 986
1177	9.0	-01 21	04 58 46.874	1935.13	2	-1 774	1242	9.2	-00 53	05 11 08.171	1934.63	2	-0 885
1176	8.0	+00 42	04 58 48.224	1934.77	3	+0 920	1243	9.0	-01 37	05 11 20.846	1934.83	4	-1 832
1178	9.0	-00 16	04 58 51.692	1934.51	2	-0 825	1244	7.0	+00 29	05 11 26.046	1934.26	5	+0 988
1179	7.6	-00 48	04 59 06.737	1934.51	3	-0 826	1246	9.0	-02 04	05 12 38.292	1934.65	2	-2 1182
1180	6.0	+00 37	04 59 29.383	1934.59	3	+0 923	1249	6.5	-01 29	05 13 01.130	1934.65	2	-1 837
1181	8.5	+00 57	04 59 35.744	1934.49	2	+0 924	1248	8.7	-00 01	05 13 02.109	1934.54	2	-0 892
1182	8.9	-01 49	04 59 58.198	1934.59	2	-1 779	1250	8.8	+00 07	05 13 11.863	1934.52	2	+0 997
1183	9.0	-00 41	05 00 03.246	1934.52	2	-0 828	1251	9.0	-01 21	05 13 29.436	1934.78	3	-1 839
1185	9.2	-01 53	05 00 41.478	1934.60	3	-1 785	1252	8.8	+01 15	05 13 36.315	1934.51	2	+1 952
1186	9.1	-01 47	05 00 58.592	1934.36	3	-1 787	1253	9.0	-00 52	05 13 52.670	1934.58	2	-0 900
1187	8.4	-00 44	05 01 44.688	1933.68	3	-0 835	1255	9.0	-00 56	05 14 15.014	1934.04	2	-1 843
1188	9.0	+01 00	05 01 58.154	1933.44	2	+0 933	1257	8.6	-02 02	05 14 51.704	1933.64	2	-2 1201
1189	8.5	-01 29	05 02 34.005	1934.48	3	-1 793	1258	9.1	-01 26	05 15 03.605	1934.60	2	-1 848
1190	9.0	-01 33	05 02 43.878	1934.71	3	-1 794	1259	8.8	-00 25	05 15 09.502	1934.70	3	-0 909
1191	8.4	-01 17	05 02 45.331	1934.49	3	-1 795	1260	8.8	-00 27	05 15 25.058	1934.57	2	-0 911
1192	8.6	-01 24	05 02 47.065	1934.52	2	-1 796	1261	9.0	-00 21	05 15 36.105	1934.61	2	-0 912
1193	var	+01 05	05 02 59.189	1933.44	2	+0 939	1262	7.8	-00 07	05 15 42.102	1934.73	3	-0 913
1194	8.5	+00 14	05 03 13.348	1934.73	3	+0 940	1263	8.5	+00 31	05 15 58.676	1933.42	2	+0 1003
1195	9.2	-01 09	05 03 16.357	1934.61	2	-1 798	1264	9.0	+01 11	05 16 07.902	1934.61	2	+1 966
1197	8.8	-01 54	05 03 36.082	1934.53	2	-1 799	1265	8.8	-01 13	05 16 12.315	1934.60	2	-1 853
1196	9.0	+00 05	05 03 38.443	1934.60	2	-0 841	1266	8.8	-01 10	05 16 47.935	1934.36	3	-1 855
1198	7.9	-01 20	05 03 52.556	1934.50	2	-1 800	1267	9.0	+01 03	05 17 04.779	1934.63	2	+0 1011
1199	8.5	+00 35	05 04 28.450	1934.53	2	+0 945	1268	9.0	+00 46	05 17 19.730	1934.75	3	+0 1013
1200	9.0	-01 30	05 04 32.552	1934.58	2	-1 803	1270	8.5	-01 11	05 17 20.093	1934.22	5	-1 860
1201	8.5	-00 00	05 04 48.301	1935.02	2	-0 846	1271	9.1	-01 26	05 17 22.560	1934.65	2	-1 861
1202	8.4	+00 54	05 04 56.151	1934.51	2	+0 946	1272	8.2	-01 35	05 17 18.488	1932.96	2	-1 862
1203	8.4	-00 53	05 05 06.635	1934.61	2	-0 849	1273	9.0	+00 49	05 17 29.219	1935.14	2	+0 1014
1205	9.0	+00 10	05 05 26.546	1934.61	2	+0 950	1274	9.2	+00 46	05 17 48.350	1934.63	2	+0 1015
1206	8.8	+01 03	05 05 36.186	1934.59	2	+0 951	1275	9.0	+00 55	05 18 05.057	1934.59	2	+0 1016
1207	8.8	-00 57	05 05 43.959	1934.61	2	-1 810	1276	9.0	+00 32	05 18 19.324	1934.52	2	+0 1018
1208	8.9	-00 42	05 05 48.924	1934.62	2	-0 845	1277	9.0	+00 57	05 18 31.583	1934.38	3	+0 1019
1209	8.8	+01 03	05 05 51.497	1934.62	2	+0 956	1278	8.8	-01 37	05 19 07.982	1933.42	2	-1 872
1214	8.6	+01 01	05 06 24.384	1934.78	3	+0 959	1279	6.3	-00 29	05 19 13.092	1934.48	2	-0 929
1216	8.8	-01 19	05 06 38.479	1934.61	2	-1 814	1280	5.0	-00 27	05 19 24.010	1933.73	3	-0 930
1217	9.0	-01 35	05 07 08.211	1934.78	3	-1 817	1281	9.0	+00 11	05 19 55.414	1934.50	2	+0 1026
1218	8.8	-00 43	05 07 34.862	1933.65	3	-0 866	1283	8.8	+00 04	05 20 20.121	1933.42	2	-0 933
1219	7.0	-00 39	05 07 44.694	1934.51	2	-0 867	1282	9.0	-00 27	05 20 20.557	1934.32	3	-1 874
1220	8.5	-01 14	05 07 49.096	1934.68	3	-1 820	1284	8.8	+00 09	05 20 25.882	1934.52	2	+0 1032
1221	8.8	-01 56	05 07 53.963	1934.52	2	-2 1158	1285	8.6	+00 22	05 20 42.582	1934.73	3	+0 1033
1222	8.8	+01 17	05 08 17.153	1934.58	2	+1 923	1287	8.2	+01 00	05 20 44.304	1934.61	2	+0 1035
1224	8.8	-00 01	05 08 24.676	1934.63	2	-0 870	1286	7.9	+01 13	05 20 44.740	1934.61	2	+1 992

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
1289	9.1	-02° 03'	05 ^h 20 ^m 46. ^s 027	1934.62	2	-2° 1226	1421	8.8	+00° 17'	05 ^h 35 ^m 30. ^s 204	1934.64	2	+0° 1139
1291	8.8	-01 30	05 21 05.589	1934.64	2	-1 878	1424	8.8	-01 37	05 35 33.755	1935.13	2	-1 984
1290	9.0	+00 36	05 21 06.641	1934.16	3	+0 1040	1423	8.5	+00 57	05 35 35.280	1934.64	2	+0 1140
1292	8.2	-01 04	05 21 09.674	1934.32	3	-1 879	1425	8.9	-00 14	05 35 36.433	1934.14	3	-0 1033
1294	9.0	-00 56	05 21 22.186	1934.53	2	-1 880	1433	8.4	-01 13	05 36 35.600	1934.16	3	-1 990
1293	6.5	-00 13	05 21 23.340	1934.56	2	-0 936	1434	9.0	-01 16	05 36 47.321	1934.62	2	-1 991
1295	8.6	+00 48	05 21 27.360	1933.51	2	+0 1041	1435	8.8	-02 02	05 36 51.312	1935.06	2	-2 1329
1296	8.8	-01 01	05 21 28.352	1934.59	2	-1 881	1436	7.8	+00 48	05 37 17.348	1934.54	2	+0 1145
1297	7.5	-00 56	05 21 33.079	1934.65	2	-1 882	1437	9.0	+00 52	05 37 22.693	1934.59	2	+0 1146
1298	6.7	-00 58	05 22 10.219	1934.43	6	-1 886	1438	8.5	-01 58	05 37 40.069	1934.52	2	-1 997
1299	8.8	-00 54	05 22 23.433	1934.53	2	-0 941	1441	8.2	-00 45	05 37 46.924	1934.14	3	-0 1044
1300	8.7	+00 42	05 22 29.596	1934.61	2	+0 1046	1443	9.0	+00 56	05 37 56.249	1934.62	2	+0 1150
1301	8.0	+01 07	05 22 38.734	1934.64	2	+1 1007	1445	2.0	-01 59	05 38 27.282	1934.14	3	-2 1338
1303	7.5	-01 33	05 23 19.377	1934.61	2	-1 889	1446	6.8	-01 10	05 38 30.171	1933.74	3	-1 1004
1304	7.2	+00 28	05 23 26.849	1934.61	2	+0 1056	1447	8.4	-01 33	05 38 37.599	1934.11	3	-1 1005
1306	8.9	+00 46	05 23 45.343	1934.62	2	+0 1058	1448	7.8	+00 18	05 38 42.053	1933.66	2	+0 1152
1309	8.2	+00 44	05 23 58.208	1933.55	2	+0 1063	1449	9.0	-01 04	05 38 59.732	1934.62	2	-1 1008
1310	9.0	+00 28	05 24 09.261	1933.42	2	+0 1066	1451	9.2	-01 43	05 39 21.440	1935.03	2	-1 1010
1312	9.2	+00 35	05 24 34.709	1934.62	2	+0 1068	1452	7.8	-00 03	05 40 09.346	1933.44	3	-0 1058
1313	9.0	-00 07	05 24 38.485	1934.12	3	-0 951	1453	9.0	+00 00	05 40 30.487	1933.64	2	-0 1059
1314	8.8	-00 25	05 24 46.384	1934.57	2	-0 952	1454	9.0	-00 00	05 40 36.242	1934.62	2	-0 1060
1315	8.0	-01 09	05 24 49.646	1934.61	2	-1 896	1455	8.1	-01 39	05 40 49.106	1933.53	2	-1 1012
1317	9.3	-01 53	05 24 51.428	1934.65	2	-1 898	1456	9.0	+00 09	05 41 01.345	1933.68	2	+0 1163
1318	8.5	+01 03	05 25 12.448	1933.43	2	+0 1078	1461	9.0	-02 06	05 41 50.699	1934.61	2	-2 1355
1319	8.6	+00 39	05 25 14.748	1934.60	3	+0 1077	1462	9.0	+00 32	05 42 30.738	1933.65	2	+0 1174
1321	8.6	-00 19	05 25 26.052	1935.05	2	-0 958	1464	8.8	-01 38	05 43 11.341	1934.53	2	-1 1019
1323	8.5	-01 52	05 25 27.961	1934.62	4	-1 901	1465	7.8	+01 31	05 43 49.051	1934.07	3	+1 1122
1324	8.5	+01 03	05 25 33.187	1934.54	2	+0 1082	1466	9.0	-00 47	05 44 04.407	1933.64	2	-0 1081
1327	8.9	+00 44	05 25 48.937	1934.38	3	+0 1085	1467	6.7	+01 09	05 44 10.527	1933.65	2	+1 1126
1330	8.6	-01 50	05 25 53.697	1934.61	4	-1 906	1469	8.8	+00 57	05 44 34.380	1934.60	2	+0 1178
1332	7.0	-00 02	05 26 08.084	1935.11	2	-0 960	1471	8.5	-00 46	05 45 48.544	1933.65	2	-0 1086
1334	9.0	-00 31	05 26 22.972	1934.61	2	-0 963	1472	9.0	+01 14	05 45 55.673	1934.39	3	+1 1138
1336	8.8	-01 49	05 26 38.570	1934.57	4	-1 909	1473	9.0	-00 42	05 45 58.588	1934.61	2	-0 1088
1341	9.0	+01 08	05 26 57.420	1934.60	2	+1 1029	1474	8.2	-00 47	05 46 07.474	1934.62	2	-0 1089
1342	8.9	-02 04	05 27 03.157	1934.02	2	-2 1266	1476	7.8	-01 48	05 46 21.144	1933.86	3	-1 1030
1343	8.5	-00 07	05 27 06.328	1933.99	3	-0 968	1475	8.0	+00 42	05 46 21.732	1933.69	2	+0 1184
1347	9.0	+00 07	05 27 27.224	1935.13	2	+0 1091	1477	8.0	-01 31	05 46 28.442	1934.60	2	-1 1031
1350	8.2	-01 48	05 27 47.758	1934.53	4	-1 918	1478	8.8	-00 41	05 46 37.582	1934.76	3	-0 1091
1357	9.2	+01 06	05 28 34.905	1934.63	2	+1 1040	1479	8.8	-01 55	05 46 45.257	1934.15	3	-1 1032
1360	8.9	+00 04	05 29 22.171	1934.14	2	-0 981	1480	8.5	-01 47	05 46 43.401	1933.11	2	-1 1033
1361	9.0	-01 10	05 29 22.612	1934.65	2	-1 928	1481	7.9	-00 42	05 47 14.455	1934.60	4	-0 1095
1369	6.5	-01 38	05 30 20.807	1933.66	2	-1 935	1482	7.6	-00 22	05 47 24.181	1934.59	2	-0 1097
1370	8.8	-02 05	05 30 25.392	1934.61	2	-2 1285	1483	8.6	+00 08	05 47 39.330	1934.53	2	+0 1187
1372	8.4	-01 17	05 30 44.357	1934.08	3	-1 938	1484	9.2	-02 06	05 48 12.984	1934.53	2	-2 1386
1373	9.2	-01 46	05 30 48.667	1934.63	2	-	1485	8.2	-01 27	05 48 18.948	1934.07	2	-1 1038
1374	7.7	-01 46	05 30 50.326	1934.65	2	-1 939	1486	9.3	-01 27	05 48 22.900	1934.60	2	-1 1039
1375	8.2	+00 34	05 31 02.131	1933.56	2	+0 1113	1487	9.1	-01 17	05 48 30.599	1934.57	2	-1 1040
1376	9.0	-00 50	05 31 06.392	1934.37	3	-0 989	1488	9.0	+00 19	05 48 31.132	1932.98	2	+0 1193
1377	9.0	-00 29	05 31 08.909	1934.61	2	-0 990	1489	9.0	-01 55	05 49 25.321	1933.80	3	-1 1045
1378	7.2	-01 12	05 31 12.020	1934.13	3	-1 943	1490	8.9	-01 03	05 49 43.760	1933.61	2	-1 1047
1379	8.8	-00 05	05 31 25.698	1934.51	5	-0 992	1491	9.1	-01 57	05 49 50.063	1934.59	2	-1 1048
1381	9.1	-01 46	05 31 32.199	1934.63	2	-1 946	1492	8.9	-00 56	05 50 02.873	1934.12	3	-0 1109
1382	8.5	-00 31	05 31 43.085	1934.39	3	-0 996	1493	9.0	-02 02	05 50 15.224	1933.07	2	-2 1396
1386	8.0	-01 57	05 31 53.297	1934.60	2	-1 951	1494	9.1	-01 52	05 50 36.700	1933.64	2	-1 1052
1389	7.6	-00 04	05 32 08.829	1934.33	5	-0 1000	1495	9.0	+00 46	05 51 03.118	1933.61	2	+0 1203
1412	8.8	-01 04	05 34 19.239	1934.52	2	-1 974	1496	9.5	-01 50	05 51 42.264	1933.47	3	-1 1057
1413	9.0	+00 15	05 34 25.442	1934.65	2	+0 1131	1497	8.4	-01 05	05 52 01.596	1933.53	2	-1 1059
1419	7.8	-01 28	05 35 14.091	1933.56	2	-1 982	1498	7.0	+00 57	05 52 19.580	1933.57	2	+0 1208

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
1499	9.2	-02° 02'	05 ^h 52 ^m 27. ^s 352	1934.14	3	-2° 1402	1563	8.6	-00° 24'	06 ^h 07 ^m 16. ^s 337	1933.54	2	-0° 1192
1501	8.3	-00 31	05 52 40.113	1933.70	2	-0 1115	1564	8.1	+01 00	06 07 20.848	1933.12	3	+1 1235
1502	8.7	-00 57	05 52 45.558	1934.70	2	-0 1116	1566	8.6	-00 17	06 07 41.352	1933.14	2	-0 1193
1504	8.8	-01 04	05 53 14.296	1934.53	2	-1 1064	1565	9.0	-00 33	06 07 46.044	1934.64	2	-0 1194
1505	8.5	-00 53	05 53 28.725	1933.56	2	-0 1122	1567	9.0	+00 43	06 07 48.274	1934.64	2	+0 1302
1506	8.0	+00 50	05 53 33.255	1933.64	2	+0 1218	1568	8.9	-00 37	06 07 55.439	1933.90	4	-0 1196
1507	9.0	-01 50	05 54 06.545	1933.65	2	-1 1070	1569	8.9	-00 13	06 07 55.554	1933.67	2	-0 1197
1508	8.5	-01 10	05 54 30.289	1933.69	2	-1 1073	1570	8.8	-02 00	06 08 05.595	1934.13	3	-1 1133
1509	8.0	+00 01	05 55 02.486	1933.64	2	+0 1227	1571	8.8	-00 13	06 08 06.686	1933.54	3	-0 1199
1511	8.6	+00 24	05 55 03.322	1933.53	3	+0 1230	1572	9.0	+00 10	06 08 20.757	1933.69	2	+0 1307
1510	9.0	+00 23	05 55 06.650	1934.53	2	+0 1229	1573	9.0	-01 48	06 08 46.013	1933.54	2	-1 1136
1513	7.2	+01 13	05 55 31.195	1934.21	2	+1 1168	1574	8.1	-01 52	06 08 46.842	1933.69	2	-1 1137
1514	7.0	-01 00	05 55 49.999	1933.71	2	-1 1078	1575	9.0	-01 59	06 09 09.784	1934.58	2	-1 1138
1515	8.5	-02 03	05 55 54.442	1934.65	2	-2 1423	1576	8.9	-00 45	06 09 10.708	1933.11	3	-0 1204
1516	8.8	-02 06	05 56 20.116	1934.61	2	-2 1427	1577	9.2	-01 04	06 09 28.131	1934.65	2	-1 1140
1517	5.5	+00 33	05 56 29.203	1934.67	2	+0 1239	1578	8.6	+00 46	06 09 27.774	1933.53	3	+0 1317
1518	8.8	-01 20	05 56 36.921	1934.65	2	-1 1080	1579	8.2	-01 18	06 09 36.786	1934.20	2	-1 1143
1519	8.6	-01 07	05 56 35.362	1933.56	2	-1 1081	1580	9.0	-00 17	06 09 52.368	1933.68	2	-0 1211
1520	7.8	-01 27	05 57 18.763	1934.08	3	-1 1083	1581	9.0	-01 19	06 10 18.214	1933.82	3	-1 1147
1521	8.8	+00 03	05 57 30.150	1934.10	3	+0 1242	1582	9.1	-00 11	06 10 23.149	1934.08	2	-0 1214
1522	8.0	-00 30	05 57 46.260	1933.79	3	-0 1137	1583	8.8	-01 04	06 10 24.350	1933.57	2	-1 1149
1523	8.6	-00 41	05 58 03.124	1933.65	2	-0 1138	1584	8.8	+00 47	06 10 34.434	1933.49	3	+0 1324
1525	9.2	-02 04	05 58 23.364	1933.69	2	-2 1439	1586	8.9	+00 37	06 10 50.486	1933.69	2	+0 1328
1524	9.0	-01 37	05 58 23.466	1933.62	2	-1 1087	1585	8.5	+00 11	06 10 50.853	1934.14	3	+0 1327
1527	8.8	-01 41	05 59 23.718	1933.34	4	-1 1092	1588	8.9	-00 29	06 11 04.277	1935.06	2	-0 1216
1526	9.0	-02 05	05 59 24.551	1934.07	3	-2 1447	1592	9.0	-00 17	06 11 18.692	1933.69	2	-0 1220
1528	9.0	-00 05	05 59 54.209	1933.61	2	-0 1144	1591	8.5	-01 48	06 11 19.847	1934.67	2	-1 1155
1529	8.9	+01 05	05 59 58.016	1933.65	2	+1 1196	1593	8.6	-01 02	06 11 28.836	1933.57	2	-1 1156
1530	8.8	+01 07	06 00 15.177	1933.09	2	+1 1197	1594	9.0	-01 37	06 11 55.231	1933.18	2	-1 1158
1531	9.0	-00 56	06 00 26.294	1933.67	2	-0 1149	1595	8.7	+00 53	06 12 00.147	1933.11	2	+0 1338
1532	8.4	-02 04	06 00 50.741	1933.59	4	-2 1457	1596	9.0	+00 39	06 12 10.896	1934.66	2	+0 1341
1533	8.4	-00 36	06 00 52.065	1933.44	3	-0 1150	1599	8.7	-00 31	06 12 25.374	1933.62	2	-0 1227
1534	9.0	-00 13	06 01 39.054	1933.05	2	-0 1154	1601	8.6	-00 24	06 12 29.833	1933.70	2	-0 1228
1535	9.0	+00 37	06 01 50.944	1933.61	2	+0 1264	1600	8.8	-01 42	06 12 29.849	1934.15	3	-1 1160
1536	9.0	-01 34	06 02 15.081	1934.46	3	-1 1102	1603	7.6	-01 23	06 13 06.001	1933.69	3	-1 1166
1537	7.6	-01 34	06 02 21.906	1933.48	3	-1 1104	1602	7.6	+00 52	06 13 08.425	1933.78	3	+0 1349
1538	8.4	-01 08	06 02 35.817	1933.69	2	-1 1105	1604	6.5	-00 29	06 13 13.201	1933.62	2	-0 1234
1539	7.8	+00 52	06 02 47.832	1934.65	2	+0 1269	1605	9.0	-00 00	06 13 17.498	1933.53	3	+0 1350
1540	7.2	+00 37	06 02 58.869	1933.67	2	+0 1270	1606	9.1	-01 13	06 13 20.116	1934.21	2	-1 1168
1541	8.6	-00 32	06 03 15.193	1934.66	2	-0 1164	1607	6.8	+01 12	06 13 29.167	1933.70	2	+1 1275
1542	9.0	-01 15	06 03 16.013	1934.66	2	-1 1108	1608	8.4	+00 54	06 13 44.303	1934.66	2	+0 1352
1543	9.0	-02 05	06 03 18.132	1934.65	2	-2 1472	1609	7.6	+00 02	06 13 51.790	1933.68	2	+0 1354
1544	9.0	+00 28	06 03 24.731	1933.62	2	+0 1272	1611	7.0	+01 06	06 13 56.634	1933.64	2	+1 1278
1545	9.0	-02 10	06 03 24.669	1934.65	2	-2 1473	1610	9.0	+00 45	06 13 56.981	1934.64	2	+0 1353
1546	9.0	+00 28	06 03 41.051	1933.79	3	+0 1274	1612	8.9	-00 07	06 14 27.632	1933.65	2	-0 1237
1547	8.8	+00 01	06 03 55.526	1933.64	2	+0 1278	1616	8.4	+00 15	06 14 33.939	1932.98	2	+0 1370
1548	8.1	-00 57	06 04 06.426	1934.65	2	-0 1172	1613	8.9	+00 16	06 14 42.055	1933.57	2	+0 1360
1549	9.0	-01 01	06 04 13.761	1934.62	2	-1 1111	1614	9.0	+00 56	06 14 43.775	1933.65	2	+0 1361
1550	8.8	-00 12	06 04 36.819	1934.65	2	-0 1176	1615	9.0	+01 02	06 14 46.559	1933.60	2	+1 1286
1551	8.0	+00 05	06 04 36.429	1933.64	2	+0 1285	1617	9.0	-01 38	06 15 41.143	1934.17	2	-1 1185
1553	8.0	+00 46	06 04 47.293	1935.07	2	+0 1288	1618	8.8	+00 31	06 15 43.518	1933.67	2	+0 1372
1554	8.8	-00 54	06 05 00.717	1934.64	2	-0 1177	1619	8.5	-00 21	06 15 45.368	1933.68	2	-0 1247
1555	8.6	-01 56	06 05 03.529	1934.69	2	-1 1114	1620	8.0	-01 20	06 16 47.144	1933.68	2	-1 1188
1556	8.7	-01 13	06 05 15.318	1934.67	2	-1 1116	1621	8.8	-00 16	06 16 54.393	1933.51	3	-0 1254
1558	9.0	+01 07	06 05 53.686	1933.08	2	+0 1226	1622	9.0	-01 21	06 16 56.358	1933.68	2	-1 1189
1560	8.8	-01 55	06 05 59.740	1934.19	3	-1 1121	1624	9.0	-01 41	06 17 08.126	1933.62	2	-1 1191
1561	9.0	+00 09	06 06 31.154	1933.52	3	+0 1299	1625	8.6	-01 11	06 17 22.232	1933.65	2	-1 1192
1562	7.6	-02 01	06 06 37.094	1933.62	2	-2 1495	1626	9.0	-01 36	06 17 36.058	1934.10	3	-1 1194

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
1627	9.0	-01° 12'	06 ^h 17 ^m 49. ^s 118	1933.65	2	-1° 1195	1701	9.0	+00° 15'	06 ^h 27 ^m 03. ^s 621	1933.67	2	+0° 1442
1628	8.2	-02 01	06 17 55.082	1933.11	2	-1 1198	1703	8.7	-00 03	06 27 23.887	1933.68	2	-0 1309
1629	8.3	-01 16	06 18 03.959	1934.04	3	-1 1199	1704	8.7	+00 24	06 27 37.721	1933.62	2	+0 1443
1630	9.2	-02 03	06 18 05.423	1933.70	2	-2 1568	1705	9.0	+00 49	06 27 44.083	1933.66	2	+0 1445
1631	8.2	-01 20	06 18 11.641	1933.82	3	-1 1201	1706	8.5	+00 01	06 27 56.141	1933.45	3	+0 1449
1632	8.4	+00 47	06 18 23.664	1933.53	3	+0 1390	1708	8.8	-00 14	06 28 07.047	1933.70	2	-0 1314
1633	8.3	+00 16	06 18 36.051	1933.64	2	+0 1392	1709	9.1	-00 20	06 28 14.017	1934.16	3	-0 1315
1634	8.8	-01 21	06 18 53.192	1933.55	5	-1 1205	1710	9.0	-00 45	06 28 26.986	1933.58	2	-0 1318
1635	8.0	-01 11	06 19 01.137	1934.05	4	-1 1207	1711	8.8	-00 53	06 28 35.512	1934.64	2	-0 1319
1636	9.1	-00 18	06 19 15.588	1934.64	2	-0 1265	1712	9.0	-00 39	06 29 04.563	1933.63	2	-0 1322
1637	9.0	-00 44	06 19 22.722	1934.17	2	-0 1267	1713	9.0	+00 53	06 29 11.169	1933.50	3	+0 1460
1638	8.0	-00 30	06 19 22.941	1934.20	3	-0 1266	1714	9.0	-00 54	06 29 40.863	1934.59	2	-0 1325
1639	8.6	+00 20	06 19 32.226	1933.64	2	+0 1395	1715	8.9	-00 03	06 29 42.977	1933.64	2	-0 1326
1640	8.9	-02 00	06 19 40.807	1933.53	3	-1 1212	1717	9.0	-01 01	06 29 44.613	1933.57	2	-0 1327
1641	8.7	-01 33	06 19 42.110	1933.12	2	-1 1213	1716	9.0	+00 20	06 29 45.011	1933.69	2	+0 1464
1642	9.0	-00 33	06 19 51.805	1935.15	2	-0 1268	1718	8.8	+00 29	06 30 19.322	1933.05	2	+0 1469
1644	8.9	-01 27	06 20 01.268	1935.17	2	-1 1215	1719	8.5	-01 18	06 30 33.704	1933.11	2	-1 1269
1645	9.0	-01 45	06 20 04.277	1935.13	2	-1 1216	1720	9.0	-01 45	06 30 34.989	1933.49	3	-1 1270
1649	9.0	-02 04	06 20 15.364	1933.69	2	-2 1580	1721	8.6	-01 39	06 30 44.536	1933.68	2	-1 1271
1647	9.0	-00 28	06 20 18.181	1935.21	2	-0 1272	1722	9.0	-00 47	06 30 46.004	1933.69	2	-0 1333
1651	8.0	-00 48	06 20 28.339	1933.62	2	-0 1273	1723	9.0	+00 01	06 31 11.714	1933.70	2	+0 1474
1652	9.0	-01 28	06 20 36.409	1935.17	2	-1 1218	1725	6.0	-01 10	06 31 20.326	1934.66	2	-1 1274
1653	8.8	+00 14	06 20 52.096	1934.67	2	+0 1399	1726	8.6	-00 13	06 31 21.413	1933.63	2	-0 1336
1656	8.6	-00 55	06 20 58.798	1933.72	2	-0 1276	1724	8.8	+00 41	06 31 22.595	1934.64	2	+0 1476
1658	9.0	+00 01	06 21 21.530	1933.70	2	+0 1402	1728	9.2	-02 02	06 31 38.149	1933.71	2	-1 1278
1659	8.9	+00 01	06 21 32.556	1934.19	2	+0 1403	1729	9.2	-02 02	06 32 13.936	1933.67	2	-1 1282
1663	8.8	-00 42	06 22 00.749	1934.63	2	-0 1284	1730	9.0	-00 57	06 32 20.986	1933.06	2	-0 1343
1664	7.4	-01 23	06 22 13.826	1933.96	4	-1 1231	1731	8.6	+00 34	06 32 36.482	1934.16	3	+0 1489
1665	8.9	+00 57	06 22 22.062	1934.71	2	+0 1407	1732	6.5	+00 57	06 32 50.987	1933.53	3	+0 1491
1666	9.0	+00 11	06 22 27.168	1934.67	2	+0 1409	1733	8.4	-01 27	06 32 51.662	1933.69	2	-1 1288
1667	9.0	+00 59	06 22 37.256	1934.61	2	+1 1330	1734	9.0	-00 06	06 33 01.249	1933.68	2	-0 1350
1669	8.5	-00 19	06 22 39.023	1933.64	2	-0 1286	1735	8.6	-00 33	06 33 08.820	1934.14	3	+0 1494
1668	8.8	+00 26	06 22 42.867	1934.65	2	+0 1410	1736	9.0	-00 53	06 33 09.850	1933.65	2	-0 1352
1670	9.0	+00 42	06 22 45.846	1934.21	2	+0 1412	1737	9.0	-00 35	06 33 15.350	1934.78	3	-0 1353
1671	6.5	-00 54	06 22 53.831	1933.71	2	-0 1287	1738	8.0	-02 11	06 33 19.361	1934.65	2	-2 1669
1672	8.5	-00 24	06 23 19.669	1933.73	3	-0 1288	1739	8.6	-01 03	06 33 22.360	1933.05	2	-0 1355
1673	7.8	+00 51	06 23 30.480	1934.71	2	+0 1414	1740	8.8	-01 38	06 33 29.288	1934.62	2	-1 1289
1674	9.0	-01 41	06 23 32.588	1934.65	2	-1 1235	1741	9.0	-01 29	06 33 50.123	1933.68	4	-1 1291
1675	8.8	-01 46	06 22 38.926	1933.67	2	-1 1236	1744	8.2	+01 07	06 34 10.943	1933.53	3	+1 1420
1676	9.0	-01 31	06 23 52.014	1933.62	2	-1 1237	1747	8.8	-01 06	06 34 19.866	1933.64	2	-1 1295
1677	7.8	-00 44	06 24 03.340	1933.57	2	-0 1292	1745	8.8	+00 36	06 34 21.099	1934.62	2	+0 1504
1678	9.0	-01 47	06 24 10.026	1933.52	3	-1 1240	1746	9.0	-01 34	06 34 22.420	1934.65	2	-1 2194
1680	8.5	-01 02	06 24 18.536	1933.65	2	-0 1295	1749	9.0	-00 25	06 34 27.626	1933.71	2	-0 1360
1681	6.8	-01 28	06 24 19.323	1933.62	2	-1 1242	1748	9.0	+01 02	06 34 31.751	1934.67	2	+0 1505
1679	8.0	+00 30	06 24 19.707	1933.70	2	+0 1418	1750	8.8	-01 52	06 34 36.661	1935.13	2	-1 1296
1682	8.7	+00 29	06 24 21.883	1933.70	2	+0 1419	1751	8.6	-02 01	06 34 41.538	1934.61	2	-1 1298
1683	9.0	+00 52	06 24 33.791	1935.17	2	+0 1420	1753	7.5	-02 07	06 34 49.572	1934.68	2	-2 1680
1685	7.8	+00 53	06 24 37.958	1934.67	2	+0 1421	1754	9.0	-01 05	06 34 51.350	1934.69	2	-1 1299
1686	8.3	-01 01	06 24 39.484	1934.61	2	-0 1298	1755	8.8	-00 48	06 35 03.052	1934.64	2	-0 1363
1688	6.2	+00 21	06 24 53.566	1934.72	2	+0 1426	1756	8.5	-01 34	06 35 11.691	1934.15	2	-1 1301
1690	9.0	-00 35	06 25 15.242	1934.65	2	-0 1300	1757	9.0	-00 08	06 35 22.286	1934.88	3	-0 1365
1693	9.0	-01 47	06 25 21.137	1934.17	3	-1 1245	1758	7.5	+00 35	06 35 27.290	1933.66	2	+0 1512
1695	9.0	-00 24	06 25 44.057	1934.71	2	-0 1304	1759	8.5	-00 37	06 35 39.444	1935.17	2	-0 1367
1696	8.3	-00 41	06 26 02.313	1934.62	2	-0 1306	1760	9.0	-01 26	06 35 42.231	1934.67	2	-1 1304
1697	8.0	-00 40	06 26 18.238	1934.13	3	-0 1307	1762	9.0	-02 07	06 35 44.432	1934.65	2	-2 1688
1698	8.4	-01 33	06 26 18.701	1934.70	2	-1 1255	1761	9.0	+01 05	06 35 44.827	1933.63	2	+1 1437
1699	7.2	-00 32	06 26 28.481	1934.65	2	-0 1308	1764	8.2	-01 23	06 35 48.861	1934.87	3	-1 1306
1702	8.8	-02 10	06 27 02.588	1933.52	3	-2 1628	1765	9.0	+00 09	06 35 51.349	1933.64	2	+0 1515

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
1767	9.0	-01° 58'	06 ^h 36 ^m 10. ^s 240	1933.64	2	-1° 1310	1845	8.3	-00° 22'	06 ^h 46 ^m 48. ^s 321	1933.64	2	-0° 1446
1768	8.8	+00 19	06 36 27.028	1934.64	2	+0 1519	1846	9.1	+00 49	06 47 04.209	1934.84	3	+0 1627
1769	8.9	+00 13	06 36 31.193	1933.64	2	+0 1520	1849	9.0	-00 08	06 47 06.264	1933.66	2	-0 1449
1771	9.2	+01 10	06 36 37.199	1933.64	2	+1 1446	1848	9.1	-00 28	06 47 06.407	1934.69	2	-0 1448
1772	8.9	+01 09	06 36 45.208	1934.21	2	+1 1447	1850	9.0	+00 49	06 47 17.693	1934.62	4	+0 1629
1773	8.0	+00 28	06 36 47.088	1933.67	2	+0 1523	1851	8.0	-01 16	06 47 23.571	1933.68	2	-1 1395
1774	8.5	+00 11	06 36 57.484	1933.67	2	+0 1525	1852	9.0	-02 02	06 47 39.179	1934.66	2	-1 1397
1776	8.5	+00 39	06 37 11.047	1934.19	3	+0 1527	1853	8.7	+00 50	06 47 42.215	1933.96	5	+0 1635
1777	8.8	-00 46	06 37 18.948	1934.60	2	-0 1380	1855	8.5	+00 13	06 47 49.999	1933.72	2	+0 1537
1778	8.0	-01 19	06 37 29.511	1934.58	2	-1 1318	1858	8.6	-00 30	06 48 05.676	1934.15	2	-0 1455
1779	8.9	+00 42	06 37 45.367	1934.67	2	+0 1532	1857	9.0	+01 03	06 48 08.826	1934.61	2	+1 1542
1781	8.8	+01 01	06 38 08.317	1933.70	2	+1 1455	1860	7.3	-00 27	06 48 29.593	1934.11	5	-0 1462
1784	9.0	-00 44	06 38 38.196	1933.53	3	-0 1392	1861	9.0	-00 11	06 48 45.303	1933.64	2	-0 1464
1785	6.5	+00 34	06 38 41.716	1933.72	2	+0 1546	1862	8.6	-01 53	06 49 01.320	1933.70	2	-1 1409
1786	8.2	-01 02	06 39 01.659	1933.69	2	+1 1465	1863	8.7	+00 03	06 49 09.519	1934.65	2	+0 1650
1787	8.6	-01 02	06 39 15.072	1933.64	2	-0 1395	1864	8.5	+00 23	06 49 10.653	1933.71	2	+0 1651
1788	8.9	-01 50	06 39 22.386	1934.62	2	-1 1335	1865	8.8	+00 30	06 49 17.146	1934.62	2	+0 1653
1790	8.9	-00 13	06 39 31.045	1933.67	2	-0 1398	1866	8.3	+00 27	06 49 21.440	1934.59	2	+0 1655
1791	9.0	+00 20	06 39 32.518	1933.71	2	+0 1548	1875	9.0	-01 34	06 49 40.580	1934.19	2	-1 1414
1793	8.6	-01 25	06 40 14.888	1933.07	2	-1 1341	1873	9.0	-02 03	06 49 41.103	1934.66	2	-1 1415
1792	9.0	+00 34	06 40 17.253	1933.67	2	+0 1553	1874	8.8	+01 06	06 49 45.383	1934.68	2	+0 1562
1794	9.0	-02 13	06 40 22.879	1933.65	2	-2 1728	1877	8.7	-00 13	06 49 49.817	1934.15	3	-0 1468
1795	9.0	-00 43	06 40 30.833	1934.65	2	-0 1406	1879	8.6	+01 06	06 49 58.817	1933.94	4	+1 1565
1797	8.8	-02 02	06 40 40.753	1933.70	2	-1 1344	1878	9.0	+00 33	06 49 59.549	1934.88	4	+0 1665
1798	8.0	+00 03	06 40 50.446	1933.66	4	+0 1556	1880	8.9	-00 36	06 50 01.381	1934.65	2	-0 1470
1799	8.5	+00 21	06 41 02.760	1934.62	2	+0 1558	1884	9.0	-01 38	06 50 27.906	1934.21	2	-1 1424
1800	8.0	-01 17	06 41 15.412	1933.65	2	-1 1349	1886	9.2	-01 48	06 50 43.245	1933.61	2	-1 1428
1802	8.5	-00 01	06 42 05.453	1933.65	2	+0 1571	1887	9.0	-00 54	06 51 18.108	1933.67	2	-0 1477
1803	8.9	+00 13	06 42 07.747	1933.64	2	+0 1572	1888	8.8	-00 26	06 51 20.252	1933.51	3	-0 1476
1805	8.2	-00 08	06 42 09.918	1933.77	3	+0 1574	1890	9.0	-00 12	06 51 23.311	1933.12	2	-0 1478
1804	8.9	+00 21	06 42 11.704	1933.70	2	+0 1573	1889	8.8	+00 49	06 51 28.513	1934.66	2	+0 1685
1806	9.0	+00 42	06 42 30.837	1933.79	3	+0 1576	1891	8.8	-00 14	06 51 35.149	1934.70	2	-0 1479
1808	8.8	-00 00	06 42 45.372	1934.42	3	+0 1578	1898	9.0	-00 32	06 51 58.270	1935.19	3	-0 1484
1809	7.8	-00 57	06 42 45.408	1933.68	2	-0 1416	1899	8.9	+00 16	06 52 02.663	1934.62	2	+0 1691
1810	8.0	+00 02	06 42 47.036	1933.08	2	+0 1580	1897	9.0	-01 44	06 52 09.006	1933.61	2	-1 1440
1811	9.1	-02 01	06 42 56.417	1934.65	2	-1 1362	1904	6.9	-01 40	06 52 25.254	1934.65	2	-1 1446
1812	9.0	-00 24	06 43 10.761	1934.60	2	-0 1417	1906	9.0	-00 59	06 52 30.479	1934.21	3	-0 1489
1813	8.6	-01 21	06 43 13.774	1934.67	2	-1 1364	1905	8.6	-01 12	06 52 31.518	1934.66	2	-1 1447
1815	8.9	+01 03	06 43 31.262	1933.64	2	+1 1498	1907	9.0	+00 54	06 52 35.173	1934.88	3	+0 1698
1816	8.9	-01 11	06 43 35.774	1933.53	3	-1 1367	1910	8.9	+00 19	06 52 52.606	1933.95	5	+0 1701
1817	8.8	-01 37	06 43 46.248	1934.65	2	-1 1369	1911	8.8	+00 27	06 53 02.813	1933.62	2	+0 1705
1818	8.4	+00 49	06 43 50.614	1934.67	2	+0 1587	1912	9.0	+00 29	06 53 16.722	1933.71	2	+0 1708
1819	8.8	+00 11	06 43 58.378	1934.92	4	+0 1589	1913	7.9	-01 30	06 53 33.725	1933.71	2	-1 1459
1823	9.0	-00 46	06 44 18.252	1933.64	2	-0 1426	1915	9.0	+00 53	06 54 02.148	1934.61	2	+0 1713
1825	9.1	-01 56	06 45 03.257	1934.68	2	-1 1377	1917	9.0	-00 47	06 54 05.424	1934.64	2	-0 1502
1824	9.0	+00 47	06 45 03.732	1934.66	2	+0 1598	1918	8.7	-02 06	06 54 07.301	1934.67	2	-1 1464
1827	9.0	-01 14	06 45 07.587	1934.71	2	-1 1378	1920	8.7	+01 03	06 54 14.612	1933.63	2	+1 1603
1828	9.0	-01 04	06 45 09.663	1934.72	2	-0 1431	1919	8.0	+00 12	06 54 15.406	1935.15	2	+0 1717
1826	8.8	+00 46	06 45 10.143	1934.65	2	+0 1600	1921	9.0	-00 20	06 54 18.792	1934.68	2	-0 1503
1829	7.7	+00 25	06 45 25.777	1934.21	2	+0 1604	1922	8.5	+00 30	06 54 19.789	1933.52	3	+0 1718
1830	9.0	-01 16	06 45 27.161	1934.71	2	-1 1379	1923	8.2	+00 54	06 54 23.706	1933.67	2	+0 1719
1833	9.0	+00 51	06 45 36.735	1934.66	2	+0 1607	1926	9.1	-01 56	06 54 45.053	1934.85	3	-1 1470
1834	8.6	+00 24	06 45 41.597	1935.21	2	+0 1608	1928	9.0	+00 54	06 54 57.463	1933.13	3	+0 1726
1840	8.0	-01 44	06 46 05.673	1934.61	2	-1 1387	1929	9.0	-01 12	06 55 04.064	1934.17	3	-1 1472
1841	9.1	+01 02	06 46 09.062	1934.71	2	+1 1524	1930	8.9	-00 02	06 55 08.163	1934.62	2	+0 1728
1842	8.5	-01 35	06 46 12.477	1934.59	2	-1 1388	1932	9.2	+00 23	06 55 31.200	1935.21	2	+0 1734
1843	8.8	-00 04	06 46 24.422	1933.69	2	+0 1616	1933	9.0	+00 08	06 55 33.649	1934.71	2	+0 1736
1844	7.0	+01 05	06 46 42.823	1934.65	4	+1 1531	1934	8.3	+00 18	06 55 39.870	1933.52	3	+0 1737

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
1935	9.0	-00° 26'	06 ^h 56 ^m 01. ^s 828	1934.72	2	-0° 1516	2030	9.3	-00° 00'	07 ^h 06 ^m 13. ^s 541	1934.65	2	+0° 1817
1937	8.7	+00 05	06 56 04.018	1934.18	4	+0 1739	2032	8.9	-01 07	07 06 14.818	1934.68	2	-0 1613
1936	9.0	-00 15	06 56 04.902	1934.63	2	-0 1517	2033	9.1	-00 26	07 06 24.271	1934.88	3	-0 1615
1941	8.8	-01 45	06 55 28.734	1933.66	2	-1 1482	2036	8.5	-01 40	07 06 26.669	1933.68	2	-1 1565
1942	9.0	+00 00	06 56 37.815	1933.81	3	+0 1742	2035	8.7	+00 07	07 06 30.221	1933.96	5	+0 1821
1943	8.8	-01 27	06 56 55.428	1933.91	4	-1 1485	2039	8.7	-01 15	07 07 14.601	1933.65	2	-1 1571
1945	8.9	-00 56	06 57 17.436	1933.67	2	-0 1531	2038	9.1	-01 04	07 07 15.022	1934.86	3	-0 1623
1946	9.0	-00 25	06 57 21.708	1934.51	3	-0 1530	2041	9.0	-00 37	07 07 38.326	1933.62	2	-0 1625
1947	8.8	+00 23	06 57 23.883	1933.70	2	+0 1744	2040	9.2	+00 51	07 07 38.922	1934.67	2	+0 1829
1949	9.0	+00 03	06 57 35.354	1934.16	3	+0 1747	2042	9.0	-01 46	07 07 49.438	1933.70	4	-1 1574
1956	8.3	+00 11	06 57 50.959	1933.69	2	+0 1750	2043	8.5	-00 34	07 07 53.539	1934.18	3	-0 1627
1957	9.0	-01 29	06 58 02.332	1934.18	5	-1 1495	2044	9.0	-02 16	07 07 59.819	1934.66	2	-2 1955
1958	8.8	-00 26	06 58 09.156	1934.62	2	-0 1536	2045	9.0	+00 23	07 07 59.911	1933.71	2	+0 1832
1959	9.2	+00 13	06 58 12.214	1934.66	2	+0 1754	2046	9.0	-02 14	07 08 08.283	1934.64	2	-2 1958
1960	8.4	-00 34	06 58 37.816	1934.64	2	-0 1542	2047	8.5	-00 03	07 08 09.413	1934.21	2	+0 1833
1961	9.0	+00 46	06 58 41.438	1933.71	2	+0 1757	2048	8.5	-01 44	07 08 19.661	1933.84	3	-1 1579
1962	8.8	-00 19	06 58 46.105	1933.68	2	-0 1545	2049	9.1	-00 00	07 08 21.920	1933.68	2	+0 1836
1963	8.4	+00 39	06 58 51.441	1934.67	2	+0 1758	2051	9.0	-01 32	07 09 00.048	1933.62	2	-1 1584
1964	8.4	+00 07	06 58 54.098	1934.18	3	+0 1760	2052	8.8	-00 18	07 09 01.454	1933.68	2	-0 1633
1966	9.0	-02 03	06 58 59.377	1934.41	4	-1 1504	2054	8.5	-00 55	07 09 09.771	1933.84	3	-0 1635
1970	9.0	-00 16	06 59 29.429	1935.15	2	-0 1554	2055	8.8	-01 54	07 09 16.603	1934.65	2	-1 1587
1971	7.2	-01 15	06 59 30.33	1933.19	2	-1 1509	2056	8.8	-01 14	07 09 17.609	1934.61	2	-1 1586
1976	8.7	-01 54	07 00 02.356	1933.70	2	-1 1511	2057	4.1	-00 23	07 09 33.264	1934.66	2	-0 1636
1975	8.9	+00 36	07 00 07.144	1934.63	2	+0 1769	2058	8.8	-01 09	07 09 45.174	1933.65	2	-1 1592
1977	9.0	-01 33	07 00 12.721	1934.62	2	-1 1512	2059	8.8	-01 19	07 09 48.432	1934.63	2	-1 1593
1978	9.0	-02 06	07 00 32.799	1933.65	2	-1 1514	2060	9.1	-01 26	07 09 55.727	1934.67	2	-1 1595
1979	8.8	-01 56	07 00 37.949	1933.67	2	-1 1516	2062	8.8	-01 40	07 09 59.556	1933.84	3	-1 1597
1980	8.9	-00 07	07 00 51.775	1934.65	2	-0 1566	2063	8.6	+00 42	07 10 13.156	1934.71	2	+0 1849
1982	8.9	-01 57	07 01 01.039	1934.16	3	-1 1517	2064	8.8	-00 26	07 10 17.282	1934.70	2	-0 1640
1981	8.2	+00 27	07 01 04.049	1934.60	2	+0 1776	2066	8.9	-00 34	07 10 18.959	1934.60	2	-0 1642
1983	8.8	+00 12	07 01 18.698	1933.67	2	+0 1778	2065	9.0	-00 32	07 10 19.188	1935.20	2	-0 1641
1984	7.5	-00 27	07 01 23.056	1934.68	2	-0 1571	2067	8.8	+00 50	07 10 30.389	1933.65	2	+0 1852
1985	8.8	+00 14	07 01 23.699	1933.71	2	+0 1780	2068	8.5	+00 21	07 10 47.675	1933.64	2	+0 1854
1986	9.0	-01 00	07 01 29.660	1934.68	2	-0 1572	2069	7.3	-00 08	07 10 55.328	1933.54	3	-0 1646
1988	9.0	-02 09	07 01 55.441	1933.82	3	-2 1903	2070	9.0	-01 00	07 11 05.690	1934.64	2	-0 1647
1994	9.0	+01 01	07 02 06.722	1933.70	2	+1 1668	2072	9.0	-00 09	07 11 29.343	1934.15	2	-0 1651
1998	9.0	-01 41	07 02 40.284	1934.13	3	-1 1535	2073	8.7	-00 01	07 11 32.071	1934.59	2	+0 1857
1999	8.0	+00 26	07 02 45.887	1933.65	2	+0 1791	2074	9.0	-01 05	07 11 32.297	1933.67	2	-0 1652
2000	8.4	-00 46	07 02 48.813	1933.66	2	-0 1582	2075	9.0	+00 52	07 12 10.445	1934.60	2	+0 1860
2001	8.8	+01 00	07 02 57.603	1933.64	2	+0 1680	2078	9.0	-01 24	07 12 13.117	1934.64	2	-1 1611
2007	8.9	-01 24	07 03 26.626	1934.70	2	-1 1542	2076	9.0	+00 26	07 12 14.020	1934.60	2	+0 1861
2008	9.0	+00 06	07 03 30.654	1934.66	2	+0 1796	2080	8.5	-01 15	07 12 29.513	1933.64	4	-1 1612
2009	8.9	-01 02	07 03 33.813	1934.92	4	-0 1589	2079	9.0	+00 00	07 12 30.502	1934.47	3	+0 1866
2010	8.0	-00 54	07 03 34.746	1934.63	2	-0 1590	2081	9.0	-01 58	07 12 40.451	1934.55	3	-1 1613
2011	9.0	-01 12	07 03 45.532	1934.95	4	-1 1546	2082	8.8	+00 04	07 12 53.395	1933.70	2	+0 1868
2014	9.0	-00 29	07 03 52.877	1933.72	2	-0 1592	2083	8.3	+00 45	07 12 56.829	1933.64	2	+0 1869
2012	9.0	+00 25	07 03 55.644	1934.36	5	+0 1798	2085	9.0	+00 20	07 13 01.406	1934.61	2	+0 1870
2016	9.0	+00 11	07 04 25.427	1934.64	2	+0 1803	2086	8.6	+00 55	07 13 07.143	1934.18	2	+0 1749
2018	8.9	-01 27	07 04 35.512	1933.61	2	-1 1554	2087	8.6	-01 03	07 13 07.331	1933.72	2	-0 1656
2019	9.0	-00 08	07 04 44.019	1934.15	3	-0 1601	2088	9.0	-01 50	07 13 08.065	1934.20	2	-1 1617
2020	8.6	-01 26	07 05 02.832	1933.64	2	-1 1557	2089	9.0	+00 36	07 13 16.264	1935.19	3	+0 1873
2021	8.8	-01 43	07 05 08.814	1934.61	2	-1 1559	2092	9.0	-01 50	07 13 22.383	1933.70	2	-1 1619
2022	9.0	-00 02	07 05 41.769	1934.63	4	+0 1810	2091	8.8	-00 53	07 13 23.662	1934.59	2	-0 1659
2023	9.0	+00 07	07 05 42.238	1934.62	2	+0 1809	2093	9.0	-00 30	07 13 27.327	1934.51	3	-0 1660
2025	8.8	-01 01	07 05 42.850	1933.65	2	-0 1609	2094	9.2	-00 21	07 14 05.108	1933.53	3	-0 1664
2026	9.1	-00 19	07 05 57.461	1934.67	2	-0 1610	2095	8.8	+01 06	07 14 23.655	1933.61	2	+1 1757
2029	9.0	-01 11	07 06 05.235	1934.70	2	-1 1563	2096	8.4	-01 30	07 14 27.698	1934.13	2	-1 1628
2031	8.5	+00 34	07 06 13.478	1934.19	4	+0 1816	2097	8.6	+00 40	07 14 39.658	1934.18	2	+0 1881

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
2098	8.2	-01° 28'	07 ^h 14 ^m 42. ^s 458	1934.20	2	-1° 1632	2165	8.9	-00° 34'	07 ^h 23 ^m 27. ^s 425	1934.16	3	-0° 1717
2099	8.5	+00 47	07 15 01.051	1934.64	2	+0 1883	2166	8.8	+00 29	07 23 38.193	1933.63	2	+0 1940
2100	8.8	-01 40	07 15 02.035	1934.79	3	-1 1655	2167	7.6	-02 06	07 23 37.358	1933.49	3	-1 1707
2102	8.2	+00 19	07 15 18.311	1934.84	3	+0 1885	2168	9.1	-00 13	07 23 45.860	1934.65	2	-0 1718
2103	8.4	+00 04	07 15 20.836	1934.69	2	+0 1887	2169	9.2	-02 07	07 24 11.680	1934.69	2	-1 1709
2104	8.9	+00 16	07 15 21.768	1934.68	2	+0 1888	2170	8.0	-00 20	07 24 13.587	1934.24	2	-0 1721
2105	8.8	-01 25	07 15 30.121	1935.22	2	-1 1641	2172	8.8	-01 02	07 24 18.674	1934.72	2	-1 1711
2106	9.2	-01 43	07 15 33.758	1935.20	2	-1 1642	2173	9.0	-00 28	07 24 27.817	1935.23	2	-0 1723
2107	8.8	-01 51	07 15 35.122	1934.64	2	-1 1644	2177	8.9	-01 57	07 24 40.038	1934.73	2	-1 1716
2108	9.0	-00 44	07 15 37.564	1934.71	2	-0 1672	2175	8.5	+00 23	07 24 40.942	1934.72	2	+0 1944
2109	8.7	-00 03	07 15 51.533	1934.52	3	+0 1891	2179	8.9	-00 01	07 24 59.421	1935.23	2	+0 1947
2110	8.0	+00 24	07 16 14.415	1934.23	2	+0 1892	2181	9.0	+00 31	07 25 16.488	1934.64	2	+0 1951
2112	7.8	+00 13	07 16 32.620	1933.68	2	+0 1897	2183	8.6	-01 05	07 25 24.949	1933.51	3	-0 1726
2113	9.0	-01 17	07 16 36.757	1934.84	3	-1 1650	2182	8.8	-01 26	07 25 26.455	1934.65	2	-1 1724
2114	9.1	-02 18	07 16 36.906	1934.66	2	-2 2044	2184	9.0	-01 31	07 25 41.176	1934.22	2	-1 1726
2115	9.2	-02 06	07 16 42.676	1934.68	2	-1 1651	2185	8.6	-01 30	07 25 46.265	1933.71	2	-1 1727
2116	9.1	-01 53	07 16 52.704	1934.61	2	-1 1652	2187	8.5	+00 35	07 25 51.279	1934.20	2	+0 1953
2117	8.4	-01 32	07 16 51.521	1934.17	2	-1 1653	2186	9.0	+00 44	07 25 52.700	1934.68	2	+0 1952
2118	9.0	-02 04	07 16 55.115	1934.70	2	-1 1654	2188	9.0	-01 02	07 26 10.134	1933.65	2	-0 1728
2119	8.4	-00 12	07 16 58.357	1934.22	2	-0 1677	2192	9.0	-02 17	07 26 25.806	1934.24	2	-2 2135
2120	8.6	+00 14	07 17 05.475	1934.15	2	+0 1900	2193	8.9	-01 33	07 26 31.220	1933.72	2	-1 1731
2121	8.7	-00 47	07 17 13.260	1934.21	3	-0 1680	2195	8.9	-01 41	07 26 43.843	1934.13	3	-0 1732
2122	8.5	-01 11	07 17 29.521	1933.70	2	-1 1659	2194	9.0	-00 44	07 26 43.864	1934.59	2	-0 1731
2123	8.6	-01 17	07 17 33.551	1934.59	2	-1 1658	2196	9.0	-01 41	07 26 45.480	1934.64	2	-1 1732
2124	9.5	+00 06	07 17 39.640	1934.72	2	-	2197	9.0	-01 42	07 26 58.181	1934.66	2	-1 1736
2125	9.2	+00 04	07 17 44.870	1935.22	2	+0 1902	2198	6.5	-01 46	07 27 00.223	1934.22	2	-1 1738
2126	8.8	+00 07	07 17 51.129	1934.86	3	+0 1903	2200	8.9	-00 51	07 27 24.499	1933.69	2	-0 1734
2127	9.0	+00 15	07 18 03.144	1933.68	2	+0 1906	2199	8.6	+00 43	07 27 24.556	1933.64	2	+0 1961
2129	7.5	+00 32	07 18 09.340	1934.21	2	+0 1909	2202	8.9	-01 21	07 26 33.303	1933.66	2	-1 1740
2130	9.0	-01 36	07 18 13.863	1934.59	2	-1 1662	2201	9.2	-00 28	07 27 33.417	1934.66	2	-0 1735
2134	8.0	-00 43	07 18 22.974	1933.22	2	-0 1683	2203	9.0	+00 27	07 27 51.426	1933.62	2	+1 1825
2135	9.0	+00 09	07 18 47.448	1933.83	3	+0 1913	2204	8.9	-00 29	07 28 12.646	1934.60	2	-0 1738
2137	9.0	-02 16	07 18 51.644	1934.68	2	-2 2066	2205	8.8	-00 58	07 28 25.477	1933.81	3	-0 1740
2136	8.6	-00 51	07 18 51.912	1934.65	2	-0 1686	2206	9.0	+00 48	07 28 33.283	1934.17	2	+0 1969
2139	9.0	-00 14	07 18 53.634	1934.23	2	-0 1685	2207	8.1	+00 18	07 28 33.625	1933.45	4	+0 1971
2140	9.0	-00 14	07 19 38.210	1933.84	3	-0 1690	2208	8.9	+00 13	07 28 36.975	1934.23	2	+0 1972
2141	7.0	+00 20	07 19 40.519	1933.61	2	+0 1915	2209	8.0	-02 01	07 28 42.953	1934.65	2	-1 1745
2142	8.9	-01 44	07 19 54.964	1934.59	2	-1 1677	2210	8.6	+00 19	07 28 50.260	1934.67	2	+0 1973
2143	7.2	+00 50	07 20 05.942	1934.21	2	+0 1916	2211	8.8	-00 06	07 28 55.371	1934.82	3	+0 1975
2144	7.5	-00 07	07 20 08.549	1933.68	2	+0 1918	2212	7.5	-00 59	07 28 56.936	1933.82	3	-0 1743
2145	9.0	-00 20	07 20 42.017	1933.62	2	-0 1697	2213	9.0	-02 16	07 28 59.608	1934.59	2	-2 2156
2146	8.8	-00 04	07 20 45.286	1933.19	2	+0 1920	2214	8.2	+00 36	07 29 29.801	1933.64	2	+0 1997
2147	8.0	+00 41	07 20 59.456	1933.65	2	+0 1921	2216	9.1	+00 32	07 29 33.006	1933.70	2	+0 1978
2150	9.0	-01 56	07 21 21.519	1933.66	2	-1 1692	2215	9.1	-00 19	07 29 34.009	1934.23	2	-0 1745
2151	9.0	-01 42	07 21 22.404	1933.71	2	-1 1691	2217	8.7	-00 23	07 29 34.105	1934.19	2	-0 1746
2149	8.9	+00 09	07 21 23.377	1933.66	2	+0 1929	2218	8.8	-01 12	07 29 37.416	1934.65	2	-1 1750
2153	9.0	-01 21	07 21 29.642	1934.64	2	-1 1694	2219	9.0	-00 14	07 29 58.588	1934.24	2	-0 1749
2154	8.6	-01 20	07 21 50.860	1934.16	3	-1 1695	2220	8.5	-00 22	07 30 04.985	1933.77	5	-0 1750
2155	9.1	-00 36	07 21 54.705	1934.65	2	-0 1703	2221	8.5	+00 40	07 30 08.825	1934.10	2	+0 1979
2156	8.9	-00 05	07 21 56.280	1933.55	5	+0 1932	2222	9.0	-02 01	07 30 15.407	1933.66	2	-1 1754
2157	9.0	+00 45	07 22 03.216	1933.62	2	+0 1933	2223	9.0	-00 09	07 30 21.471	1933.54	3	+0 1980
2158	9.0	-00 19	07 22 22.214	1934.64	2	-0 1706	2225	7.5	-01 53	07 30 31.237	1934.20	2	-1 1756
2160	9.0	-01 06	07 22 25.422	1933.65	2	-0 1709	2224	8.8	-01 39	07 30 31.676	1934.65	2	-1 1755
2159	9.2	+00 32	07 22 27.341	1935.18	3	+0 1934	2226	8.9	+00 48	07 30 33.605	1933.69	2	+0 1982
2161	9.0	-01 38	07 22 32.186	1933.71	2	-1 1698	2227	8.8	+00 28	07 30 41.308	1933.53	3	+0 1987
2162	9.2	+00 37	07 23 02.383	1933.85	3	+0 1935	2228	8.4	+01 00	07 30 47.490	1933.75	2	+1 1842
2163	8.4	+00 23	07 23 08.659	1933.67	2	+0 1936	2230	9.0	-01 28	07 30 58.325	1934.24	2	-1 1758
2164	9.0	-01 46	07 23 22.059	1933.68	2	-1 1704	2232	9.0	+00 25	07 31 08.151	1934.17	3	+0 1991

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
2233	9.0	-01° 01'	07 ^h 31 ^m 08. ^s 608	1934.63	2	-0° 1755	2296	9.0	-01° 20'	07 ^h 41 ^m 02. ^s 312	1933.72	2	-1° 1814
2231	9.2	+00 46	07 31 08.748	1934.65	2	+0 1990	2297	9.0	+00 58	07 41 10.077	1933.70	2	+1 1890
2234	9.0	+00 11	07 31 26.489	1933.64	2	+0 1993	2298	8.2	-01 11	07 41 19.043	1934.72	4	-1 1816
2235	8.9	-01 12	07 31 44.337	1933.67	2	-1 1764	2299	9.0	-02 03	07 41 20.609	1933.67	2	-1 1818
2236	8.9	+01 01	07 31 47.114	1933.66	2	+1 1848	2300	8.9	-01 00	07 41 24.054	1933.75	2	-0 1794
2238	8.1	-01 10	07 31 58.365	1933.50	3	-1 1765	2301	9.0	-01 12	07 41 31.348	1933.71	2	-1 1819
2239	9.1	-02 11	07 32 11.287	1933.72	2	-2 2182	2302	8.8	-00 33	07 41 53.891	1933.64	2	-0 1799
2240	8.6	+00 20	07 32 14.942	1933.64	2	+0 1997	2303	9.0	+00 18	07 42 06.168	1933.67	2	+0 2061
2241	8.7	+00 19	07 32 28.691	1933.66	2	+0 1998	2304	8.8	-00 48	07 42 27.451	1933.67	2	-0 1802
2242	8.7	-02 11	07 32 40.686	1933.50	3	-1 1768	2305	9.0	-00 26	07 42 29.075	1933.69	2	-0 1803
2243	9.2	+00 00	07 32 52.217	1933.70	2	+0 1999	2306	8.2	-01 10	07 42 35.892	1934.16	3	-0 1805
2244	8.5	+00 42	07 32 53.786	1933.68	2	+0 2000	2308	9.0	-00 24	07 42 50.615	1933.61	2	-0 1807
2245	9.0	-01 08	07 32 53.938	1933.68	2	-0 1762	2309	8.0	-00 16	07 42 56.662	1933.66	2	-0 1808
2246	9.2	+00 41	07 33 04.000	1934.74	2	+0 2001	2310	8.0	-00 21	07 43 00.059	1933.69	2	-0 1809
2247	8.9	+00 06	07 33 47.109	1934.19	2	+0 2009	2311	9.0	-01 28	07 43 03.092	1933.68	2	-1 1829
2248	8.9	+00 01	07 33 48.898	1933.48	3	+0 2011	2312	9.0	-00 59	07 43 27.074	1934.23	3	-0 1813
2249	9.0	-00 22	07 33 49.283	1933.69	2	-0 1765	2314	9.0	-02 17	07 44 05.854	1933.67	2	-2 2282
2252	9.0	+00 20	07 33 58.208	1933.67	2	+0 2015	2315	8.8	+00 11	07 44 39.894	1933.68	2	+0 2079
2251	9.0	+00 12	07 34 00.999	1934.63	2	+0 2014	2316	9.1	+00 12	07 44 41.644	1934.19	2	+0 2080
2250	9.0	+00 42	07 34 01.535	1934.62	2	+0 2013	2317	9.1	+00 12	07 44 42.739	1933.68	2	+0 2081
2253	8.9	+00 04	07 34 03.440	1934.64	2	+0 2016	2319	9.2	-01 06	07 44 45.163	1934.21	3	-0 1821
2254	9.0	+00 03	07 34 11.497	1934.16	3	+0 2017	2318	7.8	+01 06	07 44 45.778	1933.73	2	+1 1905
2255	8.8	-01 45	07 34 12.725	1934.65	2	-1 1774	2320	9.0	+00 31	07 45 08.696	1933.71	2	+0 2086
2256	9.5	-01 30	07 34 33.568	1934.87	3	-1 1776	2321	8.6	+00 59	07 45 09.560	1933.71	2	+1 1906
2260	8.0	-01 53	07 35 12.365	1934.70	2	-1 1779	2322	9.2	-02 05	07 45 17.328	1934.55	3	-1 1838
2259	9.0	-00 50	07 35 13.713	1934.71	2	-0 1768	2323	8.9	+00 39	07 45 28.227	1933.13	2	+0 2091
2261	8.5	-01 11	07 35 16.683	1934.70	2	-1 1780	2325	8.6	-00 34	07 46 15.655	1933.61	2	-0 1828
2262	9.0	-00 17	07 35 24.389	1934.72	2	-0 1769	2327	9.0	+00 32	07 46 22.426	1933.65	2	+0 2097
2263	9.0	-01 33	07 35 35.076	1934.71	2	-1 1783	2328	7.8	+00 50	07 46 34.594	1933.73	2	+1 1911
2264	9.0	+00 46	07 35 48.578	1934.65	2	+0 2022	2329	8.9	+00 51	07 46 35.066	1933.67	2	+1 1912
2265	7.2	+00 40	07 36 07.056	1933.69	2	+0 2026	2330	9.0	-01 46	07 46 36.825	1934.70	4	-1 1841
2266	8.3	-01 18	07 36 25.657	1934.64	2	-1 1787	2331	8.6	-01 30	07 46 54.502	1933.70	2	-1 1842
2267	9.2	-01 16	07 36 29.823	1934.22	2	-1 1788	2332	9.0	-01 39	07 47 03.443	1934.23	2	-1 1843
2268	9.0	+00 50	07 36 35.893	1934.65	2	+1 1871	2333	8.5	-01 53	07 47 30.487	1933.65	2	-1 1845
2269	7.5	-00 06	07 36 35.944	1934.24	2	+0 2029	2335	9.0	-02 06	07 47 37.134	1933.09	2	-1 1847
2270	8.9	-00 32	07 36 44.397	1933.68	2	-0 1775	2334	9.0	-01 17	07 47 39.428	1934.21	2	-1 1846
2272	9.2	-00 36	07 36 55.395	1934.89	3	-0 1777	2336	8.0	-01 30	07 47 46.574	1933.68	4	-1 1848
2273	9.0	-01 00	07 37 11.263	1934.72	2	-0 1778	2337	8.2	-01 17	07 47 54.038	1933.84	3	-1 1849
2274	9.0	-01 08	07 37 17.836	1934.72	2	-0 1780	2338	8.5	-01 26	07 48 15.595	1934.17	2	-1 1853
2275	9.0	-01 21	07 37 30.319	1934.22	3	-1 1792	2340	8.8	-01 11	07 48 29.615	1933.73	2	-1 1855
2276	8.2	-01 43	07 37 41.059	1934.20	2	-1 1793	2339	6.8	+00 16	07 48 32.200	1934.22	2	+0 2108
2278	9.0	-01 23	07 37 48.287	1934.55	3	-1 1795	2341	8.6	-02 19	07 48 33.251	1933.73	2	-2 2315
2279	9.0	-00 40	07 37 57.787	1934.20	2	-0 1781	2342	8.3	+00 51	07 48 41.073	1934.24	2	+1 1927
2280	8.8	-01 40	07 38 13.160	1934.12	2	-1 1797	2343	9.0	-00 18	07 48 53.442	1933.71	2	-0 1843
2281	9.1	-01 01	07 38 16.745	1934.48	3	-0 1784	2344	9.0	+00 04	07 48 57.032	1934.17	2	+0 2109
2282	9.1	-00 59	07 38 23.895	1934.87	3	-0 1785	2345	9.1	-00 17	07 48 58.119	1934.50	3	-0 1844
2283	8.8	+00 47	07 38 34.286	1933.71	2	+0 2041	2346	8.6	-01 53	07 49 00.908	1933.62	2	-1 1860
2284	8.9	-00 32	07 38 36.883	1934.65	2	-0 1786	2347	8.7	+00 34	07 49 11.926	1933.66	2	+0 2110
2285	8.9	-01 14	07 38 45.771	1934.69	2	-1 1798	2348	9.0	+00 18	07 49 55.575	1934.43	4	+0 2112
2286	8.5	-01 22	07 38 58.558	1933.87	3	-1 1801	2349	8.7	-02 06	07 50 20.567	1933.65	2	-1 1870
2287	9.3	-02 07	07 39 07.592	1934.20	2	-1 1802	2351	8.3	+01 00	07 50 26.352	1933.62	2	+1 1933
2288	9.2	-01 09	07 39 26.184	1934.61	2	-0 1789	2352	8.5	-01 15	07 50 38.818	1934.19	2	-1 1873
2290	9.0	-01 47	07 40 06.157	1933.65	2	-1 1808	2354	8.8	-00 54	07 50 40.556	1933.72	2	-0 1849
2289	9.0	-00 39	07 40 06.745	1934.56	3	-0 1792	2353	8.6	-01 50	07 50 41.587	1934.70	4	-1 1872
2291	8.9	-01 59	07 40 18.116	1933.66	2	-1 1811	2355	9.0	+00 07	07 50 54.057	1933.73	2	+0 2115
2292	9.0	+00 03	07 40 25.593	1933.67	2	+0 2051	2357	8.8	-02 04	07 51 08.379	1933.65	2	-1 1875
2293	6.5	+00 21	07 40 42.582	1933.68	2	+0 2054	2356	8.8	-01 01	07 51 08.832	1933.70	2	+0 2116
2294	9.0	+00 08	07 40 52.263	1933.65	2	+0 2056	2358	8.3	+00 31	07 51 29.247	1933.85	3	+0 2119

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
2359	9.0	-00° 11'	07 ^h 51 ^m 37. ^s 350	1934.21	2	-0° 1851	2423	9.1	-01° 51'	08 ^h 01 ^m 14. ^s 110	1933.72	2	-1° 1934
2360	9.2	-02 11	07 51 41.713	1933.73	2	-1 1878	2424	9.2	-01 48	08 01 29.591	1934.23	2	-1 1935
2361	9.0	-01 44	07 51 43.887	1933.70	2	-1 1879	2426	9.0	-00 52	08 01 36.554	1933.71	2	-0 1894
2362	9.0	+00 05	07 51 47.419	1933.81	3	+0 2121	2427	9.0	+00 13	08 01 46.851	1934.24	2	+0 2173
2364	8.8	-00 26	07 52 20.509	1933.70	2	-0 1853	2429	8.4	-01 24	08 02 07.874	1933.86	3	-1 1940
2365	8.8	-00 19	07 52 28.004	1934.72	4	-0 1854	2430	9.0	+00 05	08 02 23.572	1933.67	2	+0 2176
2366	8.8	+01 00	07 52 29.024	1934.23	2	+1 1944	2431	9.0	-00 48	08 02 30.742	1933.52	3	-0 1895
2368	9.0	-01 39	07 52 29.790	1933.70	2	-1 1885	2432	9.0	-01 50	08 02 31.019	1933.89	3	-1 1941
2370	8.9	-01 33	07 52 39.601	1933.72	2	-1 1886	2433	9.0	+00 18	08 02 37.274	1933.71	2	+0 2179
2369	9.5	+01 00	07 52 41.422	1934.62	2	+1 1945	2434	8.5	+00 54	08 03 10.849	1933.90	3	+1 1990
2371	8.8	-02 04	07 52 47.304	1934.23	3	-1 1887	2435	9.1	-00 45	08 03 13.328	1934.18	2	-0 1902
2372	9.2	+00 12	07 53 02.805	1934.83	3	+0 2125	2436	8.5	+01 03	08 03 22.458	1933.70	2	+1 1991
2373	9.1	+00 20	07 53 04.097	1934.60	5	+0 2126	2437	6.5	-00 22	08 03 27.627	1933.75	2	-0 1903
2374	9.0	-00 06	07 53 04.728	1933.65	2	+0 2127	2438	9.2	-01 28	08 03 31.526	1934.23	3	-1 1948
2375	8.3	-02 00	07 53 13.951	1933.64	2	-1 1890	2439	9.4	-01 34	08 03 33.373	1934.24	2	-1 1949
2376	9.0	-00 06	07 53 32.669	1933.83	3	+0 2129	2440	8.6	-00 34	08 03 41.420	1933.73	2	-0 1904
2377	8.7	+01 02	07 53 33.608	1933.67	2	+1 1950	2441	8.5	+00 30	08 03 57.356	1933.64	2	+0 2185
2378	9.0	-00 10	07 53 47.915	1934.68	2	+0 2131	2442	7.8	-02 11	08 04 07.078	1933.66	2	-1 1955
2379	9.2	-01 41	07 53 49.085	1934.22	2	-1 1892	2443	9.0	-02 07	08 04 07.843	1933.68	2	-1 1955
2380	8.6	+00 34	07 54 01.099	1933.70	2	+0 2133	2444	9.2	+00 38	08 04 20.591	1933.70	2	+0 2188
2381	9.0	+01 01	07 54 04.807	1933.64	2	+1 1953	2445	9.0	+00 17	08 04 24.355	1934.24	2	+0 2189
2382	8.8	-00 50	07 54 07.260	1934.23	2	-0 1859	2446	9.0	+00 12	08 04 24.888	1934.24	2	+0 2190
2383	9.0	+00 19	07 54 10.625	1934.52	3	+0 2124	2448	8.0	-01 27	08 04 31.217	1933.75	2	-1 1957
2384	9.0	+00 27	07 54 26.942	1933.72	2	+0 2139	2447	9.0	+00 25	08 04 31.263	1934.65	2	+0 2191
2385	8.6	-00 37	07 54 31.634	1933.72	2	-0 1861	2450	9.2	-00 36	08 04 55.242	1934.22	2	-0 1911
2387	8.4	+00 27	07 55 04.069	1933.72	2	-0 1864	2451	8.8	+00 24	08 05 02.072	1933.64	2	+0 2193
2388	8.4	-01 25	07 55 06.348	1934.19	2	-1 1900	2452	9.0	+00 49	08 05 13.561	1933.68	2	+1 1999
2389	8.1	-01 07	07 55 08.403	1933.65	2	-0 1865	2453	8.2	-01 08	08 05 35.242	1933.64	2	-0 1913
2390	8.5	+00 29	07 55 22.426	1933.86	3	+0 2142	2454	9.1	-00 38	08 05 41.887	1933.67	2	-0 1914
2391	8.2	-00 38	07 55 36.891	1933.68	2	-0 1866	2455	9.0	-00 30	08 05 49.796	1933.67	2	-0 1916
2392	9.0	-01 27	07 55 40.788	1933.67	2	-1 1903	2456	8.4	+00 20	08 05 54.089	1933.64	2	+0 2195
2393	9.0	-00 33	07 55 53.997	1934.23	2	-0 1868	2458	9.1	+01 00	08 05 58.260	1933.73	2	+1 2004
2394	8.9	-02 06	07 56 09.970	1933.61	2	-1 1905	2459	8.6	-00 50	08 06 04.712	1933.73	2	-0 1917
2397	8.4	-00 15	07 56 40.294	1934.24	2	-0 1874	2460	8.8	+00 20	08 06 08.996	1934.23	2	+0 2199
2398	8.9	+00 48	07 56 40.457	1933.73	2	+0 2146	2461	8.9	-02 20	08 06 09.364	1934.24	2	-2 2447
2399	9.1	+00 09	07 57 04.705	1934.19	3	+0 2147	2463	8.0	+00 58	08 06 22.653	1933.73	2	+1 2006
2400	9.0	+00 40	07 57 28.942	1934.23	2	+0 2150	2464	8.8	-01 12	08 06 22.765	1934.22	2	-0 1919
2401	9.0	-01 32	07 57 37.416	1934.24	2	-1 1915	2465	8.0	+00 40	08 06 27.103	1934.22	2	+0 2200
2402	8.0	-01 36	07 57 40.343	1934.23	2	-1 1916	2466	8.7	-01 35	08 06 42.302	1934.23	2	-1 1964
2403	9.0	+00 24	07 57 50.128	1933.74	2	+0 2154	2467	9.0	-00 36	08 06 44.342	1933.67	2	-0 1921
2404	8.0	+00 08	07 58 04.180	1934.19	2	+0 2155	2468	8.9	+00 29	08 06 47.541	1934.24	2	+0 2201
2405	9.2	-02 08	07 58 07.909	1934.21	2	-1 1918	2469	9.0	-01 25	08 06 47.745	1934.65	2	-1 1965
2406	9.0	+00 09	07 58 18.199	1934.17	2	+0 2157	2470	9.2	-02 00	08 06 50.171	1934.72	2	-1 1966
2407	9.0	-00 31	07 58 25.602	1934.18	2	-0 1878	2474	8.8	-01 28	08 07 05.692	1933.96	4	-1 1968
2408	8.9	+00 49	07 58 30.335	1934.23	2	+1 1969	2476	9.0	-01 58	08 07 17.837	1934.25	2	-1 1969
2409	9.0	-01 55	07 58 32.849	1933.71	2	-1 1920	2477	8.6	+00 33	08 07 22.275	1933.87	3	+0 2206
2410	9.0	-00 06	07 58 47.994	1934.24	2	+0 2158	2480	9.1	-00 45	08 07 45.566	1933.66	2	-0 1923
2412	9.3	+00 02	07 59 04.741	1934.64	2	+0 2160	2481	9.2	-02 16	08 07 52.630	1934.24	2	-2 2464
2413	9.2	-02 11	07 59 10.784	1933.74	2	-1 1923	2482	9.2	+00 20	08 07 55.707	1933.85	3	+0 2210
2414	8.8	+00 10	07 59 21.370	1933.90	4	+0 2162	2483	9.1	+00 32	08 08 01.835	1933.95	4	+0 2211
2416	8.7	-02 05	07 59 44.186	1933.68	2	-1 1926	2485	9.0	+00 14	08 08 10.924	1933.65	2	+0 2213
2415	9.0	-00 56	07 59 45.075	1933.62	2	-0 1885	2486	9.2	-02 15	08 08 13.509	1933.73	2	-2 2468
2417	9.0	-00 46	07 59 49.269	1933.69	2	-0 1886	2487	8.9	-00 06	08 08 39.141	1933.68	2	+0 2216
2419	8.2	-02 12	08 00 22.366	1934.21	2	-1 1928	2488	8.4	-00 58	08 08 39.739	1933.21	3	-0 1927
2418	8.8	+00 49	08 00 22.688	1933.70	2	+0 2167	2489	9.2	-02 01	08 08 48.076	1934.73	2	-1 1974
2420	9.0	-01 39	08 00 24.210	1933.70	2	-1 1929	2490	8.1	-01 21	08 08 54.104	1934.24	2	-1 1976
2421	9.2	-01 55	08 00 48.654	1933.68	2	-1 1931	2491	9.0	+01 01	08 08 59.522	1934.22	2	+1 2019
2422	8.6	-00 58	08 01 08.192	1933.62	2	-0 1891	2493	8.8	+00 47	08 09 21.400	1933.74	2	+1 2022

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
2494	8.7	+00°49'	08 ^h 09 ^m 27. ^s 323	1934.24	2	+1°2023	2571	9.0	-01° 42'	08 ^h 22 ^m 18. ^s 683	1933.67	2	-1° 2032
2495	9.0	-00 33	08 09 33.952	1934.24	2	-0 1931	2573	8.2	+00 05	08 22 25.715	1933.53	3	+0 2290
2496	8.5	+00 37	08 09 39.092	1933.67	2	+0 2219	2574	9.0	-00 26	08 22 36.514	1933.62	2	-0 1989
2498	9.2	+00 33	08 10 11.125	1933.74	2	+0 2220	2575	9.0	-01 53	08 22 48.253	1933.73	2	-1 2035
2499	9.0	-01 46	08 10 10.362	1933.62	2	-1 1982	2576	8.9	-01 53	08 23 13.217	1934.23	2	-1 2036
2500	8.9	-02 15	08 10 43.729	1933.64	2	-2 2482	2579	8.8	+00 28	08 23 44.214	1933.72	2	+0 2296
2501	8.7	-00 32	08 10 54.516	1933.65	2	-0 1937	2580	8.9	+00 19	08 23 52.630	1933.73	2	+0 2297
2503	8.6	-01 13	08 11 00.514	1933.72	2	-1 1988	2582	8.6	-00 28	08 24 16.168	1934.22	2	-0 1992
2502	7.8	-00 57	08 11 00.717	1933.72	2	-0 1938	2583	8.0	-00 59	08 24 30.814	1933.73	2	-0 1993
2506	9.0	-00 12	08 11 28.206	1933.74	2	+0 2227	2584	9.0	-01 41	08 24 33.977	1934.24	2	-1 2038
2505	8.4	+00 50	08 11 29.080	1933.74	2	+1 2036	2585	9.0	+00 16	08 24 50.079	1933.56	3	+0 2300
2507	8.9	-00 15	08 11 35.137	1934.24	2	-0 1941	2586	9.0	-02 13	08 25 06.236	1933.73	2	-1 2044
2508	8.4	-00 18	08 11 48.691	1933.73	2	-0 1942	2587	8.5	+00 45	08 25 17.860	1933.62	2	+0 2303
2509	9.0	+00 59	08 12 02.632	1934.24	2	+1 2039	2589	8.7	-02 13	08 25 24.700	1934.20	2	-1 2046
2512	8.9	+00 43	08 12 22.031	1933.68	2	+0 2230	2590	8.9	-01 10	08 25 27.472	1933.72	2	-0 1996
2515	8.8	-01 48	08 12 41.046	1933.61	2	-1 1994	2591	9.0	+01 01	08 25 38.732	1934.23	2	+1 2096
2516	8.6	+00 55	08 12 49.303	1933.68	2	+1 2043	2592	9.0	-00 19	08 25 45.627	1934.24	2	-0 1998
2517	8.4	-00 33	08 12 55.647	1934.21	2	-0 1946	2593	7.6	+00 29	08 25 51.915	1933.64	2	+0 2305
2520	8.4	-01 02	08 13 18.176	1933.71	2	-0 1947	2597	7.2	-02 17	08 26 09.328	1933.73	4	-2 2581
2519	9.0	+00 56	08 13 19.867	1934.21	5	+1 2048	2598	8.9	-00 24	08 26 17.052	1933.73	2	+0 2308
2521	9.0	+00 56	08 13 28.207	1934.71	4	+1 2049	2599	9.3	-00 04	08 26 19.567	1934.25	2	+0 2309
2522	9.0	-01 00	08 13 30.450	1933.75	2	-0 1948	2600	8.0	-00 04	08 26 46.773	1934.00	5	+0 2310
2528	8.9	+00 24	08 14 55.217	1933.73	2	+0 2247	2601	8.7	+00 13	08 27 01.836	1933.64	2	+0 2311
2529	8.5	-01 37	08 15 00.169	1934.25	2	-1 2001	2602	7.0	-00 43	08 27 09.245	1933.68	2	-0 2000
2530	8.0	+00 42	08 15 15.907	1933.64	2	+0 2248	2603	9.2	-02 09	08 27 20.712	1933.70	2	-1 2056
2531	8.8	-00 12	08 15 20.133	1933.74	2	+0 2249	2604	7.5	+00 30	08 27 23.035	1933.24	2	+0 2312
2532	9.0	-00 17	08 15 23.369	1933.76	2	-0 1951	2606	7.5	+00 15	08 27 32.879	1933.64	2	+0 2313
2536	7.6	-01 35	08 15 32.985	1934.04	5	-1 2005	2607	9.0	-00 16	08 27 34.387	1933.74	2	-0 2002
2537	9.0	+00 35	08 15 38.628	1934.72	2	+0 2252	2609	7.9	-02 09	08 27 38.675	1933.54	3	-1 2058
2538	9.1	+00 56	08 16 06.301	1933.66	2	+1 2059	2611	9.0	-00 33	08 28 27.867	1933.66	2	-0 2005
2539	9.0	-01 13	08 16 16.707	1933.83	3	-0 1956	2612	9.0	-00 26	08 28 28.655	1933.70	2	-0 2006
2540	9.0	-01 40	08 16 26.877	1933.71	2	-1 2007	2614	8.4	-01 46	08 28 51.354	1933.73	2	-1 2060
2542	9.0	-01 52	08 16 47.366	1933.69	2	-1 2009	2615	8.4	+00 50	08 28 57.581	1933.75	2	+1 2114
2543	9.0	-00 31	08 17 06.853	1933.72	2	-0 1960	2616	8.8	-02 17	08 29 01.050	1933.69	2	-2 2595
2544	8.0	-00 34	08 17 14.447	1933.61	2	-0 1962	2617	8.8	+00 34	08 29 17.134	1933.74	2	+0 2321
2545	8.3	+00 39	08 17 29.766	1933.64	2	+0 2270	2618	8.5	+00 03	08 29 18.624	1934.24	2	+0 2322
2546	8.6	+00 26	08 17 37.919	1934.17	3	+0 2271	2619	9.0	+00 20	08 29 29.172	1934.22	2	+0 2323
2548	7.5	-00 41	08 17 51.495	1933.68	2	-0 1966	2620	8.8	-00 42	08 30 01.573	1933.64	2	-0 2011
2550	7.3	-01 23	08 18 59.258	1933.50	3	-1 2017	2621	8.5	-00 42	08 30 18.637	1933.64	2	-0 2015
2551	9.0	-01 46	08 19 17.245	1934.16	3	-1 2018	2622	8.8	-01 04	08 30 28.819	1933.69	2	-0 2017
2553	9.0	-01 42	08 19 34.294	1934.19	2	-1 2020	2623	9.1	+00 58	08 30 47.234	1934.20	2	+1 2121
2554	7.9	+00 04	08 19 41.318	1933.72	2	+0 2275	2624	9.3	-00 21	08 31 00.134	1933.75	2	-0 2020
2555	9.0	-00 22	08 19 51.646	1933.71	2	-0 1973	2625	8.2	-00 04	08 31 07.079	1933.69	2	+0 2331
2556	9.0	-00 42	08 20 01.334	1933.73	2	-0 1974	2626	8.5	-01 41	08 31 10.520	1934.24	3	-1 2068
2557	9.0	+00 03	08 20 02.361	1933.74	2	+0 2277	2627	8.8	-01 35	08 31 10.717	1933.73	2	-1 2070
2558	9.0	+00 26	08 20 10.175	1934.18	2	+0 2278	2628	8.2	-00 31	08 31 14.095	1933.65	2	-0 2021
2560	9.0	-01 42	08 20 11.104	1933.51	3	-1 2024	2630	8.0	-01 20	08 31 43.187	1933.64	2	-1 2075
2559	8.0	-00 19	08 20 11.814	1933.74	2	-0 1976	2629	6.5	-01 55	08 31 43.307	1934.25	3	-1 2074
2561	7.8	-00 38	08 20 27.878	1934.14	2	-0 1977	2631	9.0	-00 18	08 31 46.856	1933.67	2	-0 2022
2562	9.0	+00 35	08 20 41.120	1933.66	2	+0 2283	2632	8.8	+01 01	08 32 00.637	1933.74	2	+1 2129
2563	9.1	-00 32	08 20 44.489	1933.73	2	-0 1979	2635	9.2	+00 56	08 32 22.976	1933.76	2	+1 2132
2564	9.1	+00 48	08 21 13.043	1934.23	2	+1 2081	2636	8.8	+00 31	08 32 23.990	1933.74	2	+0 2334
2565	9.2	-01 53	08 21 14.161	1934.23	3	-1 2026	2637	7.4	+00 36	08 32 46.092	1933.75	2	+0 2335
2566	9.0	-02 58	08 21 15.375	1933.73	2	-2 2553	2638	8.9	+00 21	08 32 49.312	1933.62	2	+0 2336
2567	7.8	+00 17	08 21 23.090	1933.68	2	+0 2288	2639	9.0	-02 25	08 32 51.658	1933.75	2	-2 2620
2569	8.9	-02 12	08 22 00.560	1933.68	2	-1 2030	2640	8.6	-00 12	08 33 23.430	1933.64	2	+0 2339
2570	7.8	-00 55	08 22 12.424	1933.88	3	-0 1987	2641	8.3	-00 14	08 33 29.805	1933.67	2	+0 2340
2572	9.0	-02 05	08 22 18.345	1933.73	2	-1 2031	2643	9.1	-02 24	08 33 56.999	1933.73	2	-2 2627

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
2644	9.0	+00°36'	08 ^h 34 ^m 11. ^s 956	1933.59	3	+0°2345	2711	9.0	-02°09'	08 ^h 46 ^m 53. ^s 670	1933.76	2	-1°2138
2646	9.2	+00 25	08 34 32.013	1933.76	2	+0 2347	2712	9.0	-01 33	08 47 14.867	1933.72	2	-1 2139
2645	9.0	+00 37	08 34 34.617	1934.69	2	+0 2346	2713	9.0	-01 25	08 47 32.351	1933.78	2	-1 2140
2647	9.0	-01 48	08 34 54.970	1933.68	2	-1 2088	2714	8.9	+00 39	08 47 44.123	1934.76	2	+0 2399
2648	8.6	-00 11	08 35 07.641	1934.19	3	+0 2350	2715	9.0	+00 19	08 48 03.303	1933.76	2	+0 2402
2650	9.0	-01 04	08 35 11.642	1933.72	2	-0 2033	2716	9.5	+00 14	08 48 05.500	1934.21	2	+0 2403
2651	8.6	-00 53	08 35 23.041	1933.77	2	-0 2034	2717	9.0	+00 22	08 48 28.344	1934.22	2	+0 2404
2652	8.5	-01 21	08 35 26.491	1933.74	2	-1 2090	2719	8.2	+00 44	08 48 42.944	1934.24	2	+1 2183
2653	9.2	-00 08	08 35 50.665	1934.27	2	+0 2353	2720	9.0	-01 21	08 49 03.929	1933.75	2	-1 2147
2655	8.4	-01 37	08 35 53.812	1934.24	2	-1 2092	2721	9.0	-00 46	08 49 27.436	1934.24	2	-0 2079
2657	9.0	+00 53	08 35 56.957	1933.81	3	+1 2144	2722	8.8	+01 02	08 49 30.702	1934.22	2	+0 2406
2656	7.5	+00 56	08 35 58.946	1934.21	2	-1 2142	2723	9.0	+00 27	08 50 07.455	1933.71	2	+0 2409
2658	9.0	-01 48	08 37 25.601	1933.68	2	-1 2098	2724	9.0	-00 12	08 50 09.908	1934.27	2	+0 2410
2659	8.9	-01 38	08 37 35.860	1933.71	2	-1 2099	2725	9.0	+00 47	08 50 35.312	1934.72	2	+1 2191
2660	9.0	-01 34	08 37 38.146	1933.74	2	-1 2100	2726	8.9	+00 06	08 50 35.192	1933.73	2	+0 2412
2661	8.6	-01 22	08 38 01.427	1933.70	2	-1 2102	2727	8.8	-00 49	08 50 50.426	1933.73	2	-0 2083
2662	9.0	-00 11	08 38 11.755	1934.24	2	+0 2358	2728	9.0	-00 28	08 50 52.319	1933.54	3	-0 2084
2663	9.1	+00 03	08 38 16.456	1934.25	2	+0 2359	2729	8.8	-00 19	08 51 24.392	1933.69	2	-0 2086
2664	8.9	-02 15	08 38 17.195	1934.28	2	-1 2103	2731	9.0	+00 02	08 51 36.371	1934.28	2	+0 2415
2665	9.0	-02 07	08 38 28.787	1934.25	2	-1 2104	2732	8.6	+00 26	08 51 37.397	1934.27	4	+0 2416
2666	9.0	-00 16	08 38 33.199	1933.67	2	-0 2042	2733	8.4	-00 21	08 51 37.021	1933.73	2	-0 2087
2667	8.9	-02 21	08 38 40.672	1933.77	2	-2 2654	2735	9.0	-01 39	08 52 21.424	1934.27	2	-1 2157
2669	9.0	-01 16	08 39 09.343	1933.67	2	-1 2110	2736	8.8	-00 27	08 52 23.164	1934.23	2	-0 2088
2671	9.1	-00 13	08 39 26.460	1933.75	2	+0 2362	2740	8.8	-01 44	08 53 21.847	1934.27	2	-1 2161
2672	9.0	+00 33	08 39 37.968	1934.27	2	+0 2365	2742	9.0	-01 06	08 53 39.197	1934.22	2	-0 2091
2673	8.6	-00 54	08 39 36.867	1933.76	2	-0 2044	2745	8.6	-02 06	08 54 21.795	1933.71	2	-1 2163
2674	9.0	-00 53	08 39 47.661	1934.24	3	-0 2045	2744	8.0	+00 40	08 54 22.710	1933.69	2	+0 2430
2675	9.2	-00 29	08 40 25.682	1933.68	2	-0 2050	2746	8.2	-00 09	08 54 24.968	1933.74	2	+0 2431
2677	8.6	-00 49	08 40 07.559	1933.64	2	-0 2052	2747	8.5	-00 28	08 54 26.467	1934.27	2	-0 2092
2678	8.6	-02 01	08 41 38.908	1933.70	2	-1 2119	2749	8.0	+00 48	08 54 49.159	1933.21	2	+1 2210
2679	9.0	+00 51	08 41 51.752	1933.70	2	+1 2158	2750	8.6	-01 05	08 54 50.130	1933.90	3	-0 2094
2681	8.9	-02 08	08 42 11.115	1933.69	2	-1 2122	2751	8.6	+00 04	08 55 06.261	1933.78	2	+0 2432
2682	8.8	+00 34	08 42 19.515	1933.67	2	+0 2373	2752	8.5	-00 51	08 55 07.446	1934.28	2	-0 2095
2683	8.8	-00 01	08 42 25.661	1933.68	2	+0 2374	2755	8.6	-00 58	08 55 10.243	1933.69	2	-0 2099
2684	8.9	-00 04	08 42 36.394	1933.72	2	-1 2124	2756	8.6	-00 21	08 56 42.027	1933.24	2	-0 2103
2685	9.1	+00 35	08 42 43.756	1933.73	2	+0 2375	2757	9.0	-01 57	08 56 44.466	1934.22	2	-1 2169
2686	8.6	-00 03	08 42 53.761	1933.67	2	+0 2376	2760	9.0	-01 20	08 57 21.011	1933.74	2	-1 2172
2688	7.8	+00 27	08 40 0.6745	1933.72	2	+0 2379	2761	8.7	-01 18	08 57 31.268	1933.73	2	-1 2173
2689	8.6	+00 02	08 43 02.215	1933.75	2	+0 2380	2762	8.8	+00 52	08 57 34.948	1933.71	2	+1 2218
2690	6.5	-02 21	08 42 61.211	1933.68	2	-2 2676	2763	8.0	-02 16	08 57 37.401	1933.54	3	-1 2174
2691	9.2	+00 47	08 43 14.695	1934.76	2	+1 2161	2765	8.4	+00 26	08 58 07.184	1933.71	2	+0 2442
2692	8.4	-00 26	08 43 14.751	1933.62	3	-0 2061	2766	8.8	-00 24	08 58 27.468	1933.21	2	-0 2107
2693	7.0	-01 48	08 43 42.140	1933.70	2	-1 2125	2767	8.0	-02 17	08 58 55.152	1933.53	3	-1 2181
2694	8.8	+00 00	08 43 50.704	1933.77	5	+0 2383	2768	9.0	-02 16	08 59 03.057	1933.73	2	-1 2183
2695	9.0	-02 01	08 43 52.883	1933.76	2	-1 2126	2769	8.8	+00 01	08 59 07.063	1933.67	2	+0 2443
2696	7.8	+00 54	08 43 56.668	1933.76	2	+1 2163	2770	8.0	+00 17	08 59 12.741	1933.55	3	+0 2447
2697	9.0	-01 49	08 44 06.269	1934.23	2	-1 2128	2771	9.0	-00 37	08 59 15.296	1933.74	2	-0 2109
2698	9.2	+00 36	08 44 12.327	1934.76	2	+0 2384	2774	8.4	-00 15	08 59 15.814	1933.24	2	+0 2448
2700	8.1	-00 06	08 44 24.379	1933.88	3	+0 2389	2772	8.0	-00 18	08 59 16.440	1933.77	2	-0 2110
2701	8.8	-02 20	08 44 42.255	1934.26	2	-2 2682	2775	6.3	-00 13	08 59 36.742	1933.90	3	+0 2449
2702	6.5	-01 38	08 44 54.752	1933.73	2	-1 2130	2776	8.2	-00 51	08 59 37.881	1934.20	2	-0 2112
2704	8.1	+00 20	08 45 12.901	1933.71	2	+0 2392	2777	8.8	-02 21	08 59 44.979	1933.73	2	-2 2770
2705	8.3	+00 17	08 45 15.154	1934.26	3	+0 2393	2778	8.9	+00 08	08 59 58.288	1934.24	2	+0 2450
2706	8.0	+00 49	08 45 55.253	1933.65	2	+1 2173	2779	7.9	-02 05	09 00 04.009	1933.80	2	-1 2188
2707	8.0	-02 16	08 46 06.673	1933.71	2	-1 2136	2781	8.8	-01 32	09 00 12.601	1934.27	2	-1 2189
2708	7.2	-00 47	08 46 16.412	1933.69	2	-0 2069	2782	8.4	+00 41	09 00 26.176	1933.19	2	+0 2451
2709	9.0	-01 51	08 46 32.641	1933.75	2	-1 2137	2783	9.0	-02 08	09 01 17.202	1933.68	2	-1 2192
2710	9.0	-00 25	08 46 38.025	1933.78	2	-0 2070	2784	8.8	-02 12	09 02 17.784	1933.16	2	-1 2193

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
2785	8.9	-01° 56'	09 ^h 02 ^m 27. ^s 751	1933.67	2	-1° 2194	2850	7.5	+00° 29'	09 ^h 18 ^m 14. ^s 206	1933.65	2	+0° 2499
2786	9.0	-00 09	09 02 34.786	1933.68	2	+0 2455	2851	8.8	+00 08	09 18 36.751	1934.22	2	+0 2500
2787	9.0	-01 23	09 02 42.439	1933.52	3	-1 2196	2852	9.0	-00 21	09 18 47.363	1933.66	2	-0 2183
2789	7.6	-02 19	09 03 49.040	1933.48	4	-2 2791	2853	9.1	-02 09	09 19 08.543	1933.53	3	-1 2244
2790	9.1	-01 29	09 04 10.765	1933.68	2	-1 2202	2854	8.1	-00 08	09 19 47.836	1933.54	3	+0 2504
2792	8.1	+00 21	09 05 11.208	1933.67	2	+0 2461	2855	8.9	-00 47	09 20 11.281	1933.87	3	-0 2184
2793	7.1	-02 12	09 05 41.878	1933.68	2	-1 2207	2857	8.9	-00 49	09 21 07.556	1933.49	3	-0 2186
2794	8.8	-01 24	09 05 58.891	1933.68	2	-1 2208	2858	8.9	+00 53	09 21 43.385	1933.86	3	+1 2293
2795	8.5	-00 29	09 06 27.074	1933.53	3	-0 2131	2859	8.8	+00 29	09 22 05.955	1933.74	2	+0 2508
2796	9.0	-00 26	09 06 37.777	1933.70	2	-0 2132	2860	9.0	-00 11	09 22 14.311	1933.67	2	+0 2509
2797	9.0	-00 50	09 06 40.965	1933.65	2	-0 2133	2862	8.9	+00 09	09 22 45.845	1933.65	2	+0 2510
2798	8.0	-01 18	09 06 48.121	1933.67	2	-1 2209	2863	9.0	-00 08	09 22 48.417	1933.69	4	+0 2511
2799	8.8	-00 57	09 06 55.025	1933.74	2	-0 2136	2864	8.0	-00 32	09 22 55.414	1933.26	3	-0 2190
2800	8.5	-00 07	09 07 08.238	1933.70	2	+0 2465	2865	9.0	-02 21	09 22 57.716	1933.87	3	-2 2876
2801	8.4	-00 50	09 07 08.406	1933.65	2	-0 2138	2866	8.9	+00 41	09 23 28.282	1933.73	2	+0 2515
2802	9.0	+00 31	09 07 16.622	1933.72	2	+0 2466	2867	8.9	-00 27	09 23 28.163	1933.74	2	-0 2192
2803	9.0	+00 29	09 07 20.337	1933.93	3	+0 2467	2868	8.6	+00 54	09 23 35.629	1933.68	2	+1 2299
2804	8.8	-00 47	09 07 40.238	1933.68	2	-0 2140	2869	6.8	-00 56	09 23 42.778	1933.67	2	-0 2193
2805	9.0	-01 14	09 07 42.687	1933.72	2	-0 2141	2870	8.8	+00 55	09 23 57.409	1933.65	2	+1 2300
2806	8.2	+00 01	09 07 54.979	1933.74	2	+0 2471	2871	6.0	-01 10	09 24 01.397	1933.70	2	-0 2195
2807	8.2	+00 14	09 07 58.010	1933.73	2	+0 2472	2872	8.5	-00 38	09 24 12.376	1933.70	2	-0 2197
2808	9.0	-02 04	09 08 24.777	1933.69	2	-1 2213	2874	8.6	-02 12	09 24 30.614	1933.71	2	-1 2261
2809	8.2	-01 16	09 08 44.169	1933.68	2	-0 2143	2875	9.0	-00 02	09 25 16.337	1934.27	2	+0 2520
2810	9.0	-00 04	09 08 46.934	1933.54	3	+0 2476	2876	9.0	-01 49	09 26 02.408	1934.25	3	-1 2265
2811	9.1	-02 15	09 08 52.058	1933.59	3	-1 2216	2877	8.6	+00 07	09 26 30.284	1933.72	2	+0 2522
2812	7.5	+00 35	09 09 06.558	1933.68	2	+0 2477	2878	6.8	-00 58	09 26 41.341	1933.75	2	-0 2201
2813	9.0	-01 57	09 09 31.246	1933.70	2	-1 2217	2879	5.4	-02 28	09 26 48.364	1933.76	2	-2 2901
2814	8.2	-00 55	09 09 36.044	1933.73	2	-0 2147	2880	8.2	-02 27	09 26 48.849	1933.73	2	-2 2902
2815	9.0	+00 48	09 09 51.725	1933.72	2	+1 2253	2882	9.0	-00 26	09 28 49.591	1933.72	2	-0 2208
2817	8.9	-00 56	09 10 26.199	1933.70	2	-0 2152	2883	9.0	-01 18	09 29 04.969	1933.74	2	-0 2209
2816	9.0	+00 37	09 10 27.008	1933.51	3	+0 2480	2884	5.0	-00 52	09 29 37.481	1933.75	2	-0 2211
2818	8.0	+00 06	08 10 32.371	1934.22	2	+0 2482	2885	9.0	-01 32	09 30 10.564	1933.74	2	-1 2273
2819	8.9	-01 49	09 11 38.428	1933.76	2	-1 2224	2886	8.8	-00 25	09 30 26.859	1934.22	2	-0 2213
2820	8.9	+00 36	09 11 51.111	1934.27	2	+0 2485	2887	8.7	-02 00	09 30 38.703	1933.88	3	-1 2274
2821	7.4	-01 18	09 12 31.110	1933.73	2	-0 2158	2888	8.9	-02 01	09 30 54.720	1933.74	2	-1 2275
2822	9.0	-02 04	09 12 55.791	1934.22	2	-1 2228	2889	8.9	-02 15	09 31 20.102	1933.67	2	-1 2276
2823	8.9	-00 20	09 13 08.740	1933.75	2	-0 2161	2890	9.1	+00 42	09 31 59.303	1933.52	3	+1 2325
2824	8.6	-00 04	09 13 11.903	1933.72	2	+0 2490	2891	8.6	-00 10	09 32 14.692	1933.66	2	+0 2531
2825	8.9	-00 57	09 13 21.954	1933.86	3	-0 2163	2892	8.9	-01 44	09 32 13.718	1933.70	2	-1 2280
2826	8.8	-00 57	09 13 22.278	1933.71	2	-0 2164	2893	8.5	-01 05	09 32 21.622	1933.67	2	-0 2216
2827	7.6	-01 04	09 13 26.415	1934.28	2	-0 2165	2894	9.0	+00 50	09 32 54.179	1933.72	2	+1 2328
2829	8.7	-00 40	09 13 46.644	1933.71	2	-0 2166	2895	8.8	-01 50	09 32 58.385	1933.73	2	-1 2281
2830	8.8	-00 56	09 14 00.495	1933.83	3	-0 2167	2896	9.1	-01 28	09 33 07.449	1933.75	2	-1 2282
2831	8.9	+00 53	09 14 14.075	1934.22	2	+1 2266	2898	8.1	+00 31	09 33 26.382	1933.74	2	+0 2533
2832	8.4	-02 24	09 14 15.200	1933.76	2	-2 2829	2899	8.3	-00 57	09 33 34.638	1933.88	3	-0 2220
2834	9.0	-01 50	09 14 20.923	1933.79	2	-1 2233	2900	9.0	-01 18	09 33 40.526	1933.68	2	-0 2221
2837	9.0	-02 17	09 15 03.264	1933.79	2	-1 2234	2901	7.5	-02 28	09 34 07.060	1933.47	4	-2 2934
2838	7.8	+00 51	09 15 10.470	1933.87	3	+1 2271	2902	8.9	-01 36	09 34 49.571	1933.66	2	-1 2284
2839	9.0	-01 05	09 15 43.967	1933.72	2	-0 2173	2903	8.2	-00 00	09 35 32.672	1933.68	2	+0 2536
2840	8.5	+00 19	09 15 45.785	1933.66	2	+0 2493	2904	8.6	-01 10	09 35 50.595	1933.46	4	-0 2229
2841	8.2	-00 19	09 15 50.964	1933.70	2	-0 2174	2905	9.0	-01 47	09 36 33.507	1933.66	2	-1 2286
2842	9.0	-01 42	09 16 01.420	1933.75	2	-1 2237	2906	8.4	-02 22	09 37 02.537	1933.83	3	-2 2948
2843	9.0	+00 39	09 16 43.348	1933.66	2	+0 2495	2907	9.0	+00 07	09 37 29.394	1933.70	4	+0 2540
2844	7.7	-02 10	09 16 47.871	1933.67	2	-1 2240	2908	4.3	-00 49	09 37 30.522	1933.87	3	-0 2231
2845	8.5	-00 21	09 17 36.472	1933.66	2	-0 2178	2909	9.0	-00 18	09 37 31.481	1933.74	2	+0 2541
2846	9.0	-01 50	09 17 36.860	1933.67	2	-1 2241	2910	8.6	-00 43	09 37 48.395	1933.74	2	-0 2232
2847	9.0	-01 41	09 17 45.294	1933.70	2	-1 2242	2911	8.9	-01 04	09 38 03.241	1933.72	2	-0 2233
2849	8.2	+00 35	09 18 03.693	1933.66	2	+0 2498	2912	8.3	-01 25	09 38 11.339	1933.66	2	-1 2290

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
2913	8.8	-00° 48'	09 ^h 38 ^m 12. ^s 773	1933.74	2	-0° 2234	2977	8.6	+00° 14'	09 ^h 55 ^m 02. ^s 504	1933.74	2	+0° 2590
2914	9.0	+00 49	09 38 21.538	1933.74	2	+1 2342	2978	7.2	-01 36	09 55 23.170	1933.72	2	-1 2329
2915	8.8	+00 43	09 38 56.640	1933.72	2	+1 2348	2979	8.4	-01 37	09 55 26.789	1933.52	4	-1 2330
2916	8.9	-01 26	09 39 35.817	1933.48	3	-1 2292	2980	8.9	+00 42	09 55 30.609	1933.68	2	+1 2386
2917	7.5	+00 02	09 40 01.452	1933.68	2	+0 2546	2981	8.8	+00 49	09 55 35.871	1933.65	2	+1 2388
2918	8.9	-01 55	09 40 32.240	1933.70	2	-1 2294	2982	9.2	-02 29	09 55 51.634	1933.78	2	-2 3026
2919	9.0	-01 38	09 40 38.048	1933.72	2	-1 2295	2983	8.9	-01 37	09 56 59.404	1933.79	2	-1 2332
2920	8.5	+00 48	09 41 15.320	1933.73	2	+1 2352	2984	9.0	-01 15	09 57 17.369	1933.70	2	-0 2275
2921	8.9	-00 05	09 41 36.741	1933.66	2	+0 2547	2985	9.0	-00 44	09 57 55.833	1933.80	2	-0 2277
2922	9.0	-01 41	09 41 50.618	1933.69	2	-1 2297	2988	8.9	-00 25	09 58 53.304	1933.56	3	-0 2280
2923	9.0	+00 02	09 41 56.600	1933.71	2	+0 2548	2989	7.5	-00 41	09 59 14.053	1933.77	3	-0 2281
2924	9.0	-00 27	09 42 30.075	1933.65	2	-0 2242	2990	8.8	-01 38	09 59 20.647	1933.68	2	-1 2337
2925	7.7	-00 08	09 42 49.620	1933.64	2	+0 2551	2991	8.8	-01 56	09 59 31.679	1933.72	2	-1 2338
2926	8.8	+00 08	09 43 24.012	1933.53	3	+0 2552	2992	9.3	-01 06	09 59 51.392	1933.75	2	-0 2282
2927	8.2	-01 35	09 43 27.272	1933.74	2	-1 2299	2993	8.7	-01 48	10 00 05.648	1933.73	4	-1 2340
2928	8.3	-02 16	09 43 30.437	1933.90	3	-1 2300	2994	6.7	-00 44	10 00 28.248	1933.90	3	-0 2285
2929	9.2	+00 20	09 43 51.203	1933.75	2	+0 2554	2995	8.9	-02 26	10 01 15.310	1933.27	3	-2 3044
2930	9.0	-02 24	09 43 51.625	1933.91	3	-2 2972	2996	8.9	-01 21	10 01 56.011	1933.65	2	-0 2289
2932	9.0	-00 58	09 44 28.841	1933.68	2	-0 2246	2997	9.0	-02 22	10 02 15.573	1933.54	3	-1 2341
2933	8.5	-01 35	09 44 29.623	1933.74	2	-1 2302	2998	9.0	-01 00	10 02 24.584	1933.56	3	-0 2291
2934	8.2	-00 17	09 44 42.970	1933.69	2	+0 2558	2999	8.5	-00 08	10 02 38.114	1933.91	3	+0 2610
2935	8.8	-02 20	09 44 59.855	1933.69	2	-1 2303	3000	8.9	-01 09	10 03 53.101	1933.26	3	-0 2294
2936	8.8	-00 41	09 45 01.555	1933.74	2	-0 2247	3002	8.5	-02 03	10 04 24.333	1933.68	2	-1 2346
2937	9.0	+00 34	09 45 07.846	1933.74	2	+0 2559	3003	8.8	-01 23	10 04 32.408	1933.56	3	-1 2347
2938	9.0	-00 53	09 45 38.053	1933.55	3	-0 2248	3004	9.0	+00 36	10 04 51.717	1933.72	2	+0 2613
2939	9.0	-01 18	09 46 03.211	1933.67	2	-0 2249	3005	8.9	+00 05	10 05 06.174	1933.59	3	+0 2614
2940	8.3	-00 29	09 46 14.524	1933.64	2	-0 2250	3006	4.5	-00 02	10 05 34.092	1933.78	2	+0 2615
2941	8.8	-02 23	09 46 24.084	1933.63	5	-2 2986	3007	8.2	-02 11	10 05 34.688	1933.26	2	-1 2352
2943	9.0	-00 42	09 46 38.360	1933.75	2	-0 2251	3008	9.0	+00 44	10 06 43.075	1933.68	2	+1 2408
2944	9.0	-00 31	09 47 10.288	1933.66	2	-0 2252	3009	8.0	-01 19	10 06 59.493	1933.24	2	-0 2301
2945	9.0	+00 03	09 47 15.759	1933.55	3	+0 2564	3010	9.0	+00 51	10 07 37.213	1934.25	3	+1 2409
2946	8.8	-02 17	09 47 36.830	1933.73	2	-1 2306	3011	7.9	-02 04	10 07 40.813	1933.73	2	-1 2356
2949	8.8	-01 49	09 47 49.462	1933.74	2	-1 2307	3013	8.8	-01 38	10 08 51.278	1933.78	2	-1 2358
2947	7.9	+00 06	09 47 50.343	1933.67	4	+0 2565	3014	8.6	-01 23	10 09 11.725	1933.80	2	-1 2359
2948	7.9	+00 26	09 47 50.907	1933.74	2	+0 2566	3015	9.1	-00 50	10 09 13.849	1933.79	2	-0 2304
2950	8.0	-01 06	09 48 02.680	1933.79	2	-0 2256	3016	9.0	+00 37	10 09 39.939	1933.73	2	+0 2626
2952	9.0	-02 19	09 48 03.756	1933.76	2	-1 2308	3017	8.8	-00 55	10 09 54.041	1933.92	3	-0 2305
2951	8.9	-01 43	09 48 05.748	1934.24	2	-1 2309	3018	8.6	-00 36	10 10 03.242	1933.68	2	-0 2308
2953	8.7	-02 11	09 48 15.942	1933.74	2	-1 2310	3019	9.0	-01 19	10 11 05.824	1933.75	2	-0 2310
2954	8.7	-00 51	09 48 22.167	1933.80	2	-0 2258	3020	8.6	+00 47	10 11 07.626	1933.72	2	+1 2414
2955	8.8	-01 42	09 48 38.150	1933.93	3	-1 2312	3021	9.2	-02 24	10 11 45.718	1933.75	2	-2 3094
2956	8.8	+00 10	09 48 50.315	1934.23	2	+0 2568	3022	8.2	-00 47	10 12 10.191	1933.28	2	-0 2312
2957	8.8	+00 38	09 48 57.321	1933.79	2	+0 2569	3023	8.1	-02 32	10 12 22.405	1933.68	2	-2 3097
2958	7.2	-01 30	08 48 58.217	1933.79	2	-1 2314	3024	8.9	+00 04	10 12 27.244	1933.73	2	+0 2633
2959	7.0	+00 24	09 49 49.528	1933.71	2	+0 2573	3025	9.0	-01 12	10 12 51.536	1933.78	2	-0 2313
2960	9.0	+00 09	09 49 52.778	1933.58	3	+0 2574	3026	8.4	-01 40	10 13 28.126	1933.28	3	-1 2365
2961	8.5	-00 25	09 51 01.214	1933.59	3	-0 2263	3027	8.9	-02 04	10 13 34.561	1933.74	2	-1 2366
2966	8.6	-00 56	09 51 09.614	1933.91	3	-0 2266	3028	8.4	-01 15	10 13 47.380	1933.92	3	-0 2316
2962	8.4	-01 17	09 51 11.837	1933.53	3	-0 2264	3029	9.0	-02 29	10 14 12.097	1933.75	2	-2 3106
2967	8.4	-00 04	09 52 12.440	1933.74	2	+0 2581	3030	8.2	-02 15	10 14 14.577	1933.68	2	-1 2369
2969	8.5	+00 09	09 52 36.578	1933.26	2	+0 2582	3031	7.8	-02 27	10 14 26.692	1933.75	2	-2 3108
2970	8.8	-01 03	09 52 44.794	1933.56	3	-0 2268	3032	8.8	-01 04	10 14 39.530	1933.75	2	-0 2317
2971	8.2	-00 48	09 53 13.742	1933.68	2	-0 2270	3033	9.0	-02 20	10 14 38.484	1933.73	2	-1 2372
2972	8.8	+00 17	09 53 43.335	1934.23	2	+0 2587	3034	8.3	-00 54	10 15 52.820	1933.28	3	-0 2319
2973	8.4	-00 08	09 54 17.259	1933.72	3	+0 2588	3035	8.0	+00 09	10 17 15.117	1933.27	3	+0 2641
2974	8.5	-01 57	09 54 24.646	1933.76	2	-1 2324	3036	8.9	-01 55	10 17 44.368	1933.86	3	-1 2378
2975	8.9	-01 33	09 54 25.095	1933.57	3	-1 2325	3037	9.0	-02 21	10 18 01.798	1933.91	3	-1 2379
2976	8.9	-01 01	09 54 45.355	1933.72	2	-0 2272	3039	8.9	-01 18	10 18 50.430	1933.75	3	-0 2327

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
3040	8.2	+00°08'	10 ^h 19 ^m 00. ^s 394	1933.68	2	+0°2642	3104	9.0	-00° 18'	10 ^h 38 ^m 34. ^s 732	1933.83	2	+0°2690
3041	9.3	-02 20	10 19 23.182	1933.78	2	-1 2380	3105	7.8	+00 05	10 38 48.397	1933.84	2	+0 2693
3042	7.5	-00 24	10 19 41.818	1933.73	2	-0 2328	3107	8.2	+00 06	10 39 13.738	1934.00	3	+0 2694
3043	9.0	-00 48	10 20 02.005	1933.75	2	-0 2329	3108	9.0	-01 46	10 40 06.772	1933.78	2	-1 2428
3044	8.8	+00 55	10 20 05.787	1933.76	2	+1 2426	3109	9.0	-02 09	10 40 11.486	1933.60	3	-1 2429
3046	9.0	-00 00	10 20 40.439	1933.78	2	+0 2646	3110	7.5	-01 49	10 40 26.900	1933.27	3	-1 2431
3047	6.8	-00 33	10 21 06.375	1933.73	2	-0 2332	3111	8.9	-01 07	10 40 42.575	1933.32	3	-0 2366
3048	9.0	-00 48	10 21 13.462	1933.75	2	-0 2333	3112	9.2	-01 58	10 42 06.696	1933.31	3	-1 2434
3049	9.0	+00 42	10 21 17.040	1933.79	2	+1 2431	3114	8.8	-02 06	10 42 11.635	1933.30	2	-1 2435
3050	7.6	-01 55	10 21 27.925	1933.83	2	-1 2382	3113	9.0	-00 47	10 42 13.002	1933.56	3	-0 2367
3051	9.0	+00 34	10 21 49.627	1933.78	2	+0 2649	3115	8.8	+00 54	10 42 52.101	1933.31	3	+1 2476
3052	8.8	-02 15	10 22 14.873	1933.74	2	-1 2383	3116	9.1	-01 08	10 43 16.567	1933.60	3	-0 2370
3053	7.9	-00 26	10 22 24.355	1933.78	2	-0 2337	3117	9.0	-01 08	10 43 18.403	1933.79	2	-0 2370
3054	8.8	-01 39	10 22 27.910	1933.75	2	-1 2384	3118	9.0	+00 17	10 43 39.013	1933.78	2	+0 2698
3055	8.0	-00 03	10 22 29.222	1933.79	2	+0 2650	3119	8.9	+00 28	10 43 42.503	1933.29	3	+0 2699
3056	9.0	-02 00	10 22 32.407	1933.76	2	-1 2385	3120	8.5	-02 04	10 43 50.677	1933.79	2	-1 2440
3057	8.7	-02 08	10 23 06.816	1933.56	3	-1 2386	3121	9.2	-01 15	10 44 16.153	1933.82	2	-0 2371
3058	9.0	-01 58	10 23 41.602	1933.75	2	-1 2388	3122	8.8	-01 19	10 44 20.762	1933.81	2	-0 2372
3059	9.0	-01 59	10 24 05.305	1933.58	3	-1 2390	3123	9.0	-00 07	10 44 22.397	1933.83	2	+0 2701
3060	7.0	-00 38	10 24 15.506	1933.75	2	-0 2341	3124	8.9	-01 46	10 44 33.493	1933.33	3	-1 2441
3061	8.2	+00 13	10 24 31.583	1933.76	2	+0 2655	3125	8.8	-01 30	10 44 52.948	1933.30	2	-1 2442
3062	9.0	-00 41	10 24 32.529	1933.75	2	-0 2342	3126	8.5	-01 21	10 45 00.091	1933.78	4	-0 2374
3063	8.4	-00 36	10 25 13.061	1933.50	4	-0 2344	3127	8.5	-01 43	10 45 11.416	1933.62	3	-1 2443
3064	8.5	-02 21	10 25 36.025	1933.75	2	-1 2391	3128	9.0	-01 25	10 46 12.578	1933.78	2	-1 2445
3065	8.2	-00 46	10 26 02.462	1933.78	2	-0 2346	3129	6.3	-01 35	10 46 17.417	1933.34	2	-1 2446
3066	8.8	+00 53	10 26 08.809	1933.78	2	+1 2446	3130	8.8	-02 24	10 46 54.597	1933.33	2	-1 2448
3068	9.0	-00 44	10 27 05.418	1933.94	3	-0 2347	3131	8.7	-02 20	10 47 31.475	1933.60	3	-1 2450
3069	5.7	-02 23	10 27 08.294	1933.75	2	-1 2395	3132	8.5	-01 35	10 47 34.955	1933.83	2	-1 2451
3070	8.6	-01 51	10 27 41.219	1933.74	2	-1 2396	3133	8.8	-02 19	10 48 08.521	1933.65	5	-1 2452
3072	8.6	-02 11	10 28 41.067	1933.57	3	-1 2398	3134	9.0	-00 07	10 49 06.016	1933.33	2	+0 2706
3073	9.0	-02 05	10 28 59.694	1933.28	2	-1 2399	3136	8.8	-02 06	10 49 20.240	1933.31	2	-1 2455
3074	8.9	-00 40	10 29 08.251	1933.78	2	-0 2353	3135	8.4	-02 13	10 49 20.994	1933.73	2	-1 2454
3075	8.5	-02 30	10 28 13.354	1933.68	2	-2 3165	3137	9.0	-00 36	10 50 10.084	1933.79	2	-0 2379
3076	9.0	-02 03	10 29 34.229	1933.91	3	-1 2401	3138	6.5	+00 10	10 50 13.885	1933.81	2	+0 2710
3077	9.0	-01 48	10 29 44.768	1933.79	2	-1 2404	3139	8.6	-01 10	10 50 21.770	1933.98	3	-0 2380
3078	8.5	-02 18	10 29 46.384	1933.80	2	-1 2403	3140	9.0	+00 32	10 50 28.665	1933.27	2	+0 2712
3079	8.6	-00 48	10 30 12.588	1933.80	2	-0 2355	3142	9.0	-01 53	10 51 03.812	1933.62	3	-1 2458
3081	9.2	-02 16	10 31 00.833	1933.62	3	-1 2407	3143	8.8	-00 59	10 51 18.321	1933.79	2	-0 2382
3082	9.0	-00 48	10 31 11.471	1933.73	2	-0 2357	3144	5.7	-01 45	10 51 20.902	1933.33	2	-1 2460
3084	9.0	+00 32	10 31 36.242	1933.30	2	+0 2669	3145	8.6	-01 09	10 52 10.784	1933.34	2	-0 2384
3085	9.2	+00 20	10 31 39.428	1933.81	2	+0 2670	3146	8.8	-00 33	10 52 13.845	1933.33	2	-0 2385
3086	8.9	-00 00	10 32 41.640	1933.26	2	+0 2673	3147	9.1	-00 13	10 52 26.350	1933.81	2	+0 2713
3088	9.1	-01 48	10 33 30.520	1933.30	2	-1 2409	3148	8.5	-00 33	10 52 28.057	1933.60	3	-0 2386
3089	8.6	-01 25	10 34 01.272	1933.56	3	-1 2411	3149	8.5	-02 28	10 52 28.179	1933.80	2	-2 3247
3090	9.0	-01 22	10 34 07.116	1933.74	2	-0 2360	3150	8.9	-01 03	10 52 55.247	1933.83	2	-0 2388
3091	9.0	-00 07	10 34 56.164	1933.28	3	+0 2680	3151	8.8	-00 26	10 53 03.149	1933.80	2	-0 2389
3092	9.0	-02 01	10 35 05.161	1933.78	2	-1 2413	3152	8.4	+00 30	10 53 14.082	1933.33	2	+0 2715
3093	9.0	-00 14	10 35 14.326	1933.67	2	+0 2682	3153	8.6	-00 38	10 53 35.573	1933.80	2	-0 2390
3094	9.0	-01 52	10 35 44.235	1933.56	3	-1 2414	3154	8.5	-02 31	10 53 38.325	1933.98	3	-2 3251
3095	8.9	-01 39	10 35 49.829	1933.75	2	-1 2415	3155	8.2	-01 15	10 53 42.357	1933.34	3	-0 2391
3096	8.3	-01 41	10 36 11.114	1933.77	2	-1 2417	3156	7.5	+00 48	10 53 48.546	1934.01	3	+1 2502
3097	8.9	-02 08	10 36 17.821	1933.73	2	-1 2418	3157	8.0	-00 48	10 54 18.752	1933.83	2	-0 2392
3098	8.7	-01 59	10 37 12.025	1933.29	3	-1 2419	3158	8.7	+00 02	10 54 20.880	1933.34	2	+0 2716
3099	8.6	+00 13	10 37 39.330	1933.67	2	+0 2687	3159	7.5	+00 04	10 54 46.232	1933.82	2	+0 2718
3100	9.0	+00 30	10 37 51.407	1933.56	3	+0 2688	3160	8.5	+00 12	10 54 58.302	1933.57	4	+0 2720
3101	8.8	-00 32	10 37 52.353	1933.77	2	-0 2362	3161	8.3	-01 52	10 56 26.097	1933.03	4	-1 2465
3102	9.0	-01 49	10 38 17.009	1933.28	2	-1 2422	3162	9.0	-01 52	10 56 53.604	1933.93	3	-1 2466
3103	8.8	+00 53	10 38 25.053	1933.80	2	+1 2468	3163	8.7	-01 37	10 57 28.996	1933.79	2	-1 2467

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
3164	8.8	+00°45'	10 ^h 58 ^m 12. ^s 656	1933.29	3	+1°2507	3224	9.2	-02° 24'	11 ^h 17 ^m 00. ^s 579	1933.34	2	-2° 3322
3165	8.2	+00 25	10 58 39.851	1933.32	2	+0 2725	3225	8.5	+00 12	11 17 08.735	1933.34	2	+0 2769
3166	8.9	-00 40	10 58 48.504	1933.60	3	-0 2395	3226	8.9	+00 05	11 17 30.458	1933.34	2	+0 2770
3167	8.8	-02 05	10 58 57.141	1933.33	2	-1 2469	3227	8.4	+00 39	11 17 53.551	1933.74	2	+1 2552
3168	5.0	-02 06	10 59 26.715	1933.30	2	-1 2471	3228	8.6	-01 25	11 18 02.632	1933.78	2	-1 2510
3169	8.9	-02 33	10 59 27.535	1933.30	3	-2 3267	3229	8.8	-02 31	11 18 10.702	1933.84	2	-2 3325
3170	8.5	+00 17	11 00 09.304	1933.31	2	+0 2736	3230	9.0	-00 23	11 18 45.595	1933.80	2	+0 2772
3171	9.0	-01 10	11 00 18.344	1933.33	2	-0 2396	3231	9.0	-00 15	11 18 48.223	1933.80	2	+0 2771
3172	8.0	-02 15	11 00 35.028	1933.35	2	-1 2473	3232	8.9	-01 33	11 19 01.938	1933.34	2	-1 2512
3173	8.8	-01 12	11 00 39.911	1933.63	3	-0 2397	3233	8.9	+00 24	11 19 23.622	1933.32	2	+0 2774
3174	7.5	-00 22	11 00 52.157	1933.60	3	+0 2728	3234	8.6	+00 20	11 19 26.598	1933.81	2	+0 2775
3175	9.0	-00 33	11 00 59.545	1933.79	2	-0 2398	3235	9.0	-01 21	11 19 26.981	1933.84	2	-0 2431
3176	8.7	-01 06	11 01 09.333	1933.75	2	-0 2399	3237	8.8	+00 26	11 19 30.107	1933.85	2	+0 2778
3177	6.7	+00 23	11 01 15.107	1933.80	2	+0 2729	3236	8.4	-00 03	11 19 34.081	1933.84	2	+0 2777
3178	8.2	+00 21	11 01 37.586	1933.31	2	+0 2730	3238	9.0	-00 15	11 19 39.226	1933.80	2	+0 2779
3179	8.0	-00 54	11 01 57.392	1933.83	2	-0 2401	3240	8.6	-02 00	11 19 46.340	1934.03	2	-1 2516
3180	8.5	-02 08	11 02 22.940	1933.84	2	-1 2476	3239	8.9	+00 31	11 19 46.823	1933.81	2	+0 2780
3181	8.8	-00 35	11 02 24.235	1933.35	2	-0 2402	3241	8.9	-00 42	11 20 01.200	1933.79	2	-0 2432
3182	9.0	-00 18	11 03 46.573	1933.82	2	+0 2739	3242	8.9	-00 35	11 20 27.486	1933.32	2	-0 2434
3183	8.0	+00 16	11 04 04.565	1933.28	2	+0 2741	3243	9.0	-02 16	11 20 31.939	1933.34	2	-1 2517
3184	8.6	-01 48	11 05 03.958	1933.33	3	-1 2486	3244	6.4	+00 31	11 20 55.013	1933.74	4	+0 2782
3185	8.5	-00 35	11 05 28.140	1933.29	2	-0 2405	3245	8.9	-02 13	11 21 25.237	1933.30	2	-1 2518
3186	7.5	-01 31	11 05 55.322	1933.84	2	-1 2488	3246	8.9	-01 08	11 21 54.637	1933.31	2	-0 2437
3187	8.2	-00 28	11 06 00.093	1933.32	2	-0 2407	3247	9.1	-01 31	11 21 59.510	1933.79	2	-1 2519
3188	8.4	-01 41	11 06 06.449	1933.24	2	-1 2489	3248	9.0	+00 46	11 22 26.533	1933.79	2	+1 2560
3189	8.2	-00 11	11 06 11.189	1933.33	2	+0 2750	3249	7.0	-01 50	11 22 36.240	1933.67	3	-1 2521
3190	8.6	-02 20	11 06 30.464	1933.33	2	-1 2490	3250	9.0	-01 14	11 22 52.230	1933.78	2	-0 2438
3191	7.7	-00 57	11 06 50.466	1933.29	2	-0 2409	3251	9.0	-00 23	11 23 24.367	1933.33	3	+0 2787
3192	9.0	+00 13	11 07 29.766	1933.32	2	+0 2752	3252	8.8	-01 44	11 23 28.292	1933.33	2	-1 2524
3193	8.6	+00 07	11 07 31.902	1933.60	3	+0 2753	3253	9.0	+00 19	11 23 30.754	1933.35	2	+0 2788
3194	8.6	-01 26	11 07 40.699	1933.79	2	-1 2493	3254	8.4	-00 42	11 23 36.097	1933.34	2	-0 2440
3195	8.8	-01 01	11 08 05.746	1933.27	2	-0 2412	3255	7.0	-01 19	11 25 29.167	1933.01	3	-0 2442
3196	9.0	+00 31	11 08 29.802	1933.33	3	+0 2754	3256	9.0	-01 32	11 25 35.747	1933.30	2	-1 2527
3197	8.0	-01 01	11 08 56.087	1933.28	2	-0 2414	3257	7.9	-00 31	11 25 39.881	1933.33	2	-0 2443
3198	8.6	-02 04	11 09 01.021	1933.30	2	-1 2494	3258	8.6	-02 05	11 25 41.598	1933.65	3	-1 2528
3199	8.6	-00 43	11 09 17.185	1933.34	3	-0 2415	3259	9.3	-02 31	11 26 42.277	1933.32	2	-2 3356
3200	9.0	-00 24	11 09 35.725	1933.34	2	-0 2416	3260	8.0	+00 03	11 26 57.241	1933.65	3	+0 2793
3201	9.0	+00 36	11 09 42.739	1933.58	3	+1 2530	3262	9.0	+00 37	11 27 09.160	1933.79	2	+1 2573
3202	8.2	-00 02	11 09 48.541	1933.80	2	+0 2758	3263	9.0	-01 39	11 27 28.195	1933.66	3	-1 2532
3204	8.4	-00 48	11 09 52.472	1933.33	2	-0 2417	3264	8.8	-02 34	11 28 39.437	1933.34	2	-2 3363
3205	8.5	-00 25	11 10 02.415	1933.34	2	-0 2418	3265	9.4	-00 14	11 29 13.062	1933.32	2	+0 2797
3206	8.7	+00 44	11 10 23.221	1933.78	2	+1 2532	3266	7.6	-01 24	11 29 38.352	1933.79	2	+0 2447
3208	8.5	-00 31	11 10 28.731	1933.84	2	-0 2419	3267	9.2	+00 18	11 29 51.365	1933.84	2	+0 2800
3207	8.6	+00 36	11 10 28.906	1933.58	3	+1 2533	3268	8.2	-00 01	11 29 54.611	1933.36	2	+0 2801
3209	8.3	-01 01	11 10 45.121	1933.32	2	-0 2420	3270	7.8	-02 06	11 32 25.850	1933.34	2	-1 2540
3210	5.5	+00 19	11 11 21.816	1933.33	2	+0 2761	3271	8.6	-01 51	11 32 29.440	1933.32	3	-1 2541
3211	8.8	-01 26	11 11 24.593	1933.32	2	-1 2497	3272	8.9	-02 13	11 33 12.169	1933.32	2	-1 2542
3212	8.5	-02 03	11 12 02.275	1933.33	2	-1 2499	3273	8.9	+00 36	11 33 25.145	1933.84	2	+1 2586
3213	8.0	-00 53	11 12 13.981	1933.34	2	-0 2422	3277	9.0	-02 19	11 33 35.323	1933.81	2	-1 2545
3214	8.8	-00 35	11 12 40.722	1933.33	2	-0 2423	3274	9.2	+00 49	11 33 36.206	1933.79	2	+1 2587
3215	8.8	-01 55	11 13 25.194	1933.27	2	-1 2502	3275	9.0	-00 18	11 33 45.405	1933.77	2	+0 2809
3216	9.3	-02 27	11 13 30.243	1933.77	2	-2 3311	3278	8.0	-00 11	11 34 55.320	1934.02	3	+0 2811
3218	9.0	-00 41	11 14 21.455	1933.33	2	-0 2427	3279	9.0	-00 41	11 34 55.395	1933.84	2	-0 2460
3219	8.8	-01 38	11 14 43.246	1933.64	3	-1 2504	3280	8.4	-02 30	11 35 02.253	1933.35	2	-2 3383
3220	9.1	-01 36	11 14 52.775	1933.34	2	-1 2505	3281	8.5	-01 06	11 35 05.097	1933.84	2	-0 2461
3221	9.0	-02 10	11 15 27.617	1933.56	3	-1 2506	3282	8.4	-00 09	11 35 06.487	1933.36	2	+0 2812
3222	9.0	+00 32	11 16 40.851	1933.30	2	+0 2767	3283	8.5	-00 46	11 35 32.463	1933.79	2	-0 2462
3223	7.2	-01 16	11 16 59.766	1933.35	2	-0 2428	3284	8.2	-01 13	11 35 36.881	1933.35	2	-0 2464

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
3285	6.8	-02° 03'	11 ^h 36 ^m 00. ^s 730	1933.31	2	-1° 2546	3351	9.1	-01° 55'	12 ^h 02 ^m 25. ^s 093	1933.82	2	-1° 2614
3286	9.1	-02 23	11 36 25.980	1933.32	2	-1 2547	3350	8.6	-00 46	12 02 27.838	1933.37	2	-0 2531
3287	9.1	-02 23	11 36 32.655	1933.81	2	-1 2548	3353	9.0	-00 35	12 03 06.670	1933.84	2	-0 2534
3288	8.5	-02 12	11 36 47.645	1933.79	2	-1 2549	3354	8.5	-02 04	12 03 30.994	1933.37	2	-1 2618
3289	9.0	-02 20	11 37 06.100	1933.31	3	-1 2551	3356	8.4	+00 40	12 04 19.179	1933.34	2	+1 2652
3290	8.9	-01 03	11 37 21.172	1933.30	2	-0 2469	3357	7.8	-00 14	12 04 49.655	1933.78	2	+0 2894
3291	8.8	-01 27	11 38 06.789	1933.33	2	-1 2555	3358	8.4	+00 49	12 04 52.502	1933.32	2	+1 2654
3292	9.0	-02 04	11 38 07.107	1933.34	2	-1 2554	3360	8.7	-01 42	12 05 55.539	1933.33	2	-1 2622
3293	9.0	-01 08	11 38 20.355	1933.35	2	-0 2471	3361	7.6	-00 22	12 06 00.591	1932.85	2	+0 2902
3294	7.8	-00 17	11 38 32.080	1933.36	2	+0 2821	3362	9.0	-00 23	12 06 15.470	1933.32	2	+0 2903
3295	8.8	-02 23	11 38 32.761	1933.32	2	-1 2556	3363	8.6	-00 37	12 06 26.958	1933.78	2	-0 2540
3296	8.4	-01 23	11 38 57.103	1933.33	2	-0 2472	3364	9.0	-01 58	12 07 02.422	1933.35	3	-1 2627
3297	9.0	-00 33	11 40 13.379	1933.32	2	-0 2477	3366	8.9	-01 51	12 08 04.533	1933.34	2	-1 2628
3298	8.1	+00 34	11 40 56.205	1933.31	2	+0 2826	3367	9.0	-00 03	12 08 29.328	1933.80	2	+0 2906
3299	9.0	-00 33	11 41 03.709	1933.64	3	-0 2478	3368	8.4	-01 38	12 08 51.694	1933.33	2	-1 2630
3300	8.9	-01 58	11 41 25.122	1932.82	2	-1 2562	3369	6.8	-02 18	12 08 58.130	1933.35	2	-1 2632
3301	8.2	-01 00	11 42 12.471	1933.32	2	-0 2479	3370	8.0	+00 35	12 09 03.626	1933.81	2	+0 2907
3302	9.0	+00 18	11 42 23.515	1933.79	2	+0 2830	3372	9.0	+00 16	12 09 51.775	1933.34	3	+0 2909
3303	9.0	-01 39	11 42 30.473	1933.77	2	-1 2563	3373	9.1	-00 47	12 09 59.384	1933.33	2	-0 2544
3304	7.8	-00 08	11 42 37.728	1933.36	2	+0 2831	3374	7.4	-02 05	12 10 18.309	1933.35	2	-1 2635
3305	9.1	-02 32	11 42 43.265	1933.81	2	-2 3407	3376	8.0	-00 51	12 11 11.726	1933.00	3	-0 2549
3306	8.9	+00 13	11 43 52.528	1933.30	2	+0 2833	3377	8.5	-00 15	12 11 29.183	1933.35	2	+0 2911
3307	8.6	-01 14	11 44 36.551	1933.32	2	-0 2790	3379	9.0	-01 15	12 11 48.095	1933.78	2	-0 2550
3308	9.0	+00 14	11 44 52.253	1933.33	2	+0 2836	3382	7.8	-00 56	12 12 36.455	1933.34	2	-0 2554
3309	9.2	+00 30	11 44 55.696	1933.34	2	+0 2837	3381	8.7	-00 16	12 12 38.241	1933.79	2	+0 2914
3310	9.0	+00 03	11 45 24.684	1933.79	2	+0 2839	3383	9.1	-02 06	12 12 40.128	1933.79	2	-1 2637
3311	6.5	+00 04	11 45 38.476	1933.32	2	+0 2843	3384	8.9	+00 07	12 13 00.598	1933.33	3	+0 2916
3312	9.0	-02 21	11 47 12.707	1933.32	2	-1 2572	3385	9.0	-02 24	12 13 12.061	1933.36	2	-1 2638
3313	9.0	-00 52	11 48 01.337	1933.81	2	-0 2498	3386	8.2	-02 21	12 14 22.523	1933.99	3	-1 2639
3314	8.0	-02 02	11 48 04.671	1933.84	2	-1 2576	3387	9.0	+00 44	12 14 35.452	1933.32	2	+1 2676
3315	9.2	-02 23	11 48 25.336	1933.35	2	-1 2577	3389	9.0	-01 40	12 15 07.502	1933.35	2	-1 2641
3317	9.0	-00 53	11 49 35.038	1933.78	2	-0 2501	3390	9.0	+00 25	12 15 21.425	1933.65	3	+0 2919
3319	9.3	-01 23	11 51 37.364	1933.81	2	-0 2506	3391	8.4	-01 26	12 15 39.516	1933.34	2	-1 2645
3320	8.4	-00 39	11 51 38.541	1933.32	3	-0 2507	3392	6.7	-00 24	12 16 16.482	1933.33	2	+0 2920
3321	9.1	-01 19	11 52 15.209	1933.28	2	-0 2509	3394	9.0	-01 39	12 16 43.673	1933.33	2	-1 2646
3322	7.8	-01 03	11 52 27.652	1933.36	2	-0 2510	3395	9.1	-00 13	12 16 51.665	1933.80	2	+0 2924
3323	8.6	-01 59	11 52 31.085	1933.32	2	-1 2587	3396	9.0	-01 51	12 17 02.414	1933.84	2	-1 2648
3324	8.4	-00 10	11 52 37.147	1933.36	2	+0 2858	3398	8.5	+00 15	12 17 51.774	1933.36	2	+0 2927
3325	9.0	-02 09	11 52 53.974	1933.78	2	-1 2588	3399	9.1	+00 08	12 18 54.909	1933.78	2	+0 2931
3326	8.6	-01 03	11 53 37.625	1933.30	2	-0 2512	3400	8.4	+00 14	12 19 14.319	1933.35	2	+0 2932
3328	8.9	-02 23	11 54 17.726	1933.34	3	-1 2594	3401	9.0	-01 04	12 19 49.513	1933.33	2	-0 2564
3329	8.9	+00 25	11 56 53.528	1932.87	2	+0 2870	3403	9.0	+00 08	12 20 27.298	1933.78	2	+0 2935
3331	8.8	-00 18	11 57 58.969	1932.87	2	+0 2875	3404	9.0	-00 33	12 20 41.087	1933.32	3	-0 2566
3332	8.9	02 32	11 58 18.442	1933.33	2	-2 3449	3407	9.0	-01 57	12 21 33.494	1933.36	2	-1 2662
3334	8.9	-01 12	11 58 37.815	1932.87	2	-0 2521	3405	9.0	-00 51	12 21 46.679	1933.31	2	-0 2568
3333	7.0	-01 22	11 58 38.154	1933.32	2	-0 2520	3406	9.0	+00 37	12 21 49.938	1933.33	2	+1 2690
3337	8.3	+00 01	11 59 06.011	1933.84	2	+0 2878	3408	9.0	+00 47	12 21 41.441	1933.36	2	+1 2693
3336	8.4	+00 02	11 59 06.276	1933.81	3	+0 2877	3410	8.9	-00 41	12 22 54.378	1933.34	3	-0 2570
3339	8.3	+00 30	11 59 33.440	1933.36	2	+0 2880	3411	9.0	-01 47	12 23 07.115	1933.57	4	-1 2664
3338	8.7	+00 28	11 59 33.469	1933.34	2	+0 2881	3412	8.2	+00 06	12 23 17.333	1933.34	2	+0 2942
3340	9.0	-01 51	11 59 36.508	1934.02	3	-1 2610	3413	8.8	-01 30	12 24 04.795	1933.36	2	-1 2666
3342	8.2	+00 26	12 00 06.869	1933.32	2	+0 2883	3414	9.0	+00 14	12 24 10.427	1933.36	2	+0 2943
3343	9.0	-01 03	12 00 27.308	1933.36	2	-0 2524	3415	7.9	+00 12	12 24 22.413	1933.36	2	+0 2944
3345	8.0	-02 03	12 01 07.062	1933.01	2	-1 2613	3416	8.8	+00 30	12 24 37.235	1933.33	3	+0 2945
3346	9.2	-00 28	12 01 16.283	1934.01	3	-0 2527	3417	9.0	-02 24	12 25 08.835	1933.36	2	-1 2669
3347	9.0	-02 27	12 01 53.575	1933.80	2	-2 3454	3418	8.4	-02 00	12 25 21.532	1933.03	3	-1 2670
3348	9.0	-00 55	12 02 12.720	1933.81	2	-0 2529	3420	8.9	-00 49	12 26 00.540	1933.33	2	-0 2580
3349	9.0	+00 37	12 02 19.809	1933.85	2	+1 2648	3421	8.8	-02 22	12 26 03.594	1933.34	2	-1 2671

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
3422	7.5	-02° 03'	12 ^h 26 ^m 45. ^s 779	1933.33	2	-1° 2674	3484	9.1	-01° 46'	12 ^h 52 ^m 02. ^s 812	1933.35	2	-1° 2737
3423	8.8	-00 51	12 26 59.098	1933.32	2	-0 2583	3485	8.8	-00 45	12 53 09.035	1933.37	2	-0 2629
3424	8.6	-01 33	12 27 55.550	1933.34	2	-1 2677	3486	7.4	+00 26	12 53 15.072	1933.39	2	+0 3002
3426	7.7	-01 23	12 28 39.454	1933.02	3	-0 2587	3487	8.8	-00 20	12 53 16.484	1933.70	2	-0 2630
3425	9.1	-01 41	12 28 45.942	1933.32	2	-1 2683	3488	9.0	-00 27	12 53 33.739	1933.38	2	-0 2631
3427	8.0	+00 07	12 29 35.548	1933.34	2	+0 2952	3489	7.6	-00 34	12 54 02.601	1933.37	2	-0 2632
3428	8.6	-01 54	12 29 38.854	1933.32	2	-1 2688	3490	8.8	-00 28	12 54 17.386	1933.36	4	-0 2634
3429	9.0	-01 28	12 31 47.681	1933.32	2	-1 2691	3492	9.2	-01 35	12 55 06.862	1933.35	2	-1 2744
3430	7.3	-01 01	12 31 58.287	1933.02	3	-0 2590	3493	9.0	-02 23	12 55 10.957	1933.33	2	-1 2745
3431	8.9	-01 57	12 32 24.210	1933.32	2	-1 2698	3494	9.0	-01 41	12 55 29.967	1933.35	2	-1 2746
3432	8.6	-01 02	12 32 31.219	1933.02	2	-0 2592	3495	8.5	-00 40	12 56 03.860	1933.34	2	-0 2637
3433	8.7	+00 05	12 33 59.158	1933.34	3	+0 2958	3496	7.2	-02 32	12 56 15.336	1933.37	2	-2 3605
3434	8.9	-00 14	12 34 13.840	1933.35	2	+0 2959	3497	8.4	+00 45	12 56 23.667	1933.04	3	+1 2773
3435	8.9	-00 07	12 34 31.211	1933.36	2	+0 2961	3498	9.0	-01 33	12 56 27.845	1933.33	2	-1 2748
3436	7.2	-01 56	12 34 40.830	1933.05	3	-1 2699	3499	8.8	-00 28	12 56 32.227	1933.36	2	-0 2639
3437	8.8	+00 12	12 34 52.871	1933.34	2	+0 2964	3500	8.2	-01 42	12 56 35.437	1933.35	2	-1 2749
3438	8.6	+00 36	12 35 09.093	1933.02	3	+1 2728	3501	9.1	-00 03	12 56 44.168	1933.37	2	+0 3006
3439	8.0	-00 28	12 35 32.983	1933.34	2	-0 2995	3502	8.7	-00 45	12 56 57.995	1933.35	2	-0 2640
3440	8.7	+00 05	12 35 59.650	1933.34	2	+0 2966	3504	8.5	+00 09	12 57 29.938	1933.35	2	+0 3008
3441	9.0	-02 30	12 36 32.771	1933.36	2	-2 3553	3505	9.1	-01 39	12 57 41.046	1933.35	2	-1 2753
3442	8.9	-00 09	12 36 36.476	1933.36	2	+0 2967	3507	8.0	-00 49	12 57 43.721	1933.36	2	-0 2641
3443	9.0	-02 25	12 38 07.384	1933.35	3	-1 2705	3508	9.1	-02 20	12 57 55.872	1933.36	2	-1 2754
3444	9.1	-00 14	12 38 39.860	1933.33	2	+0 2969	3509	9.0	-00 09	12 58 08.973	1933.38	2	+0 3009
3445	8.9	-01 08	12 39 19.243	1933.36	2	-0 2600	3510	8.5	-02 11	12 58 15.428	1933.68	3	-1 2755
3447	8.7	-02 22	12 39 25.820	1933.36	2	-1 2710	3512	9.2	-01 37	12 59 33.421	1933.36	2	-1 2759
3448	8.4	+00 53	12 39 38.446	1933.36	2	+1 2739	3513	8.5	+00 47	12 59 39.924	1933.37	2	+1 2779
3449	8.2	+00 04	12 39 53.929	1933.36	2	+0 2972	3514	8.9	-00 40	13 00 22.420	1933.34	2	+1 2783
3450	8.8	-01 52	12 40 32.831	1933.35	3	-1 2716	3515	8.7	-00 25	13 00 25.012	1933.36	2	-0 2647
3451	9.0	-00 09	12 40 44.271	1933.82	2	+0 2975	3516	8.9	-01 14	13 00 33.062	1933.38	2	-0 2648
3452	9.0	+00 23	12 40 46.634	1933.36	2	+0 2976	3517	9.2	-00 12	13 01 10.947	1933.36	2	+0 3013
3453	9.0	-02 20	12 40 58.083	1933.35	2	-1 2719	3518	9.2	-00 30	13 01 38.204	1933.85	2	-0 2651
3454	9.0	-02 29	12 40 59.392	1933.37	2	-2 3564	3519	9.3	-01 30	13 01 52.053	1933.38	2	-1 2763
3455	7.6	-01 11	12 41 13.828	1933.39	2	-0 2603	3520	9.0	-01 36	13 01 58.294	1933.36	2	-1 2764
3457	8.8	-01 35	12 41 31.513	1933.36	2	-1 2720	3521	9.1	+00 38	13 02 08.794	1933.38	2	+1 2784
3458	7.0	-02 28	12 41 48.248	1933.69	3	-2 3567	3522	9.0	-01 41	13 02 10.206	1933.36	2	-1 2765
3459	8.8	-01 06	12 42 03.146	1933.79	2	-0 2606	3524	7.7	+00 40	13 02 26.086	1933.69	3	+1 2786
3460	8.4	+00 55	12 42 03.908	1933.85	2	+1 2746	3525	8.9	-00 47	13 02 47.225	1933.37	2	-0 2655
3461	8.8	-02 20	12 42 16.099	1933.35	2	-1 2721	3527	9.1	-00 16	13 03 47.345	1933.35	2	+0 3017
3463	8.6	-00 26	12 44 07.100	1932.84	2	-0 2608	3528	9.1	-02 24	13 03 56.000	1933.35	2	-1 2770
3464	8.5	-00 17	12 44 16.481	1933.33	2	+0 2981	3530	9.0	+00 11	13 04 29.067	1933.04	3	+0 3020
3465	8.9	-00 38	12 44 30.870	1933.02	3	-0 2610	3529	8.8	-01 32	13 04 29.636	1933.33	2	-1 2772
3466	8.3	+00 01	12 45 43.102	1933.34	2	+0 2983	3531	9.0	-02 18	13 04 38.881	1933.36	2	-1 2773
3468	8.9	-01 27	12 47 58.760	1933.02	3	-1 2731	3532	9.0	-00 05	13 04 49.630	1933.36	2	+0 3021
3469	8.6	-00 22	12 48 19.978	1933.34	2	+0 2989	3533	9.0	-01 19	13 04 51.976	1933.02	3	+0 2658
3470	9.1	-01 12	12 48 35.076	1933.36	2	-0 2619	3534	9.1	+00 27	13 05 33.870	1933.36	3	+0 3023
3471	9.0	-01 22	12 48 45.713	1933.36	2	-0 2620	3535	8.8	-02 25	13 06 00.524	1933.35	2	-2 3634
3472	9.0	-02 31	12 48 53.818	1933.36	2	-2 3589	3536	8.2	-02 18	13 06 05.386	1933.32	2	-1 2777
3473	8.9	+00 53	12 49 15.880	1933.34	2	+1 2763	3537	8.8	+00 17	13 07 03.307	1933.35	2	+0 3026
3474	8.3	+00 28	12 49 28.295	1933.35	2	+0 2993	3538	9.0	-01 02	13 07 30.590	1933.37	2	-0 2662
3475	9.0	+00 00	12 49 49.326	1933.70	3	+0 2995	3539	8.8	-00 15	13 07 40.618	1933.38	2	+0 3028
3476	7.8	-00 33	12 49 48.383	1933.36	2	-0 2622	3540	8.4	-00 03	13 08 19.677	1933.34	2	+0 3030
3477	8.9	+00 37	12 50 04.000	1933.32	2	+1 2765	3541	9.0	-00 19	13 08 21.131	1933.35	2	+0 3029
3478	9.0	-00 52	12 50 31.488	1933.69	3	-0 2625	3542	8.6	-02 21	13 08 33.126	1933.34	2	-1 2781
3479	9.0	-00 32	12 50 33.470	1933.36	2	-0 2626	3543	8.0	-01 54	13 10 18.760	1933.02	3	-1 2784
3480	8.8	+00 49	12 50 45.258	1933.38	2	+1 2766	3544	7.3	-01 23	13 10 21.675	1933.36	2	-0 2668
3481	8.8	-00 23	12 51 04.345	1933.37	2	+0 2996	3545	9.1	-01 51	13 10 31.661	1933.33	2	-1 2785
3482	9.0	+00 29	12 51 12.669	1933.36	2	+0 2997	3546	9.0	-01 09	13 10 43.581	1933.36	2	-0 2669
3483	9.0	-01 06	12 51 44.597	1933.32	2	-0 2628	3547	8.0	-02 11	13 10 49.700	1933.34	2	-1 2786

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
3548	9.0	-01° 12'	13 ^h 11 ^m 18. ^s 131	1933.35	2	-0° 2671	3606	8.5	-00° 36'	13 ^h 33 ^m 28. ^s 910	1933.37	2	-0° 2708
3549	9.0	-01 39	13 11 27.852	1933.36	2	-1 2787	3607	8.8	-00 13	13 33 36.971	1933.84	2	+0 3079
3550	9.0	-02 04	13 11 33.233	1933.33	2	-1 2788	3608	7.8	-00 34	13 33 51.760	1933.36	3	-0 2710
3551	7.9	-02 26	13 11 38.678	1933.03	3	-2 3653	3609	8.5	-02 10	13 34 09.769	1933.36	2	-1 2842
3552	9.0	+00 07	13 11 43.566	1933.69	3	+0 3035	3610	8.6	-00 54	13 34 19.874	1933.36	2	-0 2713
3553	9.0	+00 32	13 11 47.769	1933.37	2	+0 3036	3611	9.2	+00 23	13 35 01.415	1933.35	2	+0 3081
3554	8.8	-01 39	13 12 25.825	1933.02	3	-1 2790	3612	8.4	+00 08	13 35 06.910	1933.36	2	+0 3082
3555	9.0	-02 17	13 12 52.688	1933.37	2	-1 2791	3613	9.0	-00 16	13 35 23.506	1933.37	2	+0 3084
3556	8.7	-01 23	13 12 56.998	1933.36	2	-0 2672	3614	8.8	-01 44	13 35 28.582	1933.34	2	-1 2844
3557	9.1	+00 19	13 12 59.512	1933.36	2	+0 3038	3615	9.0	-01 13	13 35 31.668	1933.38	2	-0 2714
3558	7.4	-01 01	13 14 00.433	1933.01	3	-0 2674	3616	9.1	-00 56	13 35 51.274	1933.35	2	-0 2716
3559	8.8	-01 19	13 15 01.427	1933.02	3	-0 2675	3617	9.0	+00 50	13 35 58.485	1933.37	2	+1 2833
3560	7.0	-00 18	13 15 05.316	1933.02	3	+0 3040	3618	8.8	-00 39	13 36 00.805	1933.39	2	-0 2717
3561	8.8	-02 10	13 15 30.497	1933.35	2	-1 2798	3619	9.0	-02 13	13 36 03.542	1933.39	2	-1 2846
3562	8.7	+00 52	13 15 30.502	1933.04	3	+1 2803	3620	9.3	-00 53	13 36 18.208	1933.38	2	-0 2719
3563	8.8	-00 54	13 15 34.779	1933.33	2	-0 2678	3621	8.5	-02 11	13 36 30.755	1933.84	3	-1 2847
3564	9.2	-00 43	13 17 35.573	1933.04	3	+1 2806	3622	9.0	-00 52	13 37 11.526	1933.35	2	-0 2721
3565	9.0	-00 31	13 18 29.873	1933.35	2	-0 2680	3623	9.0	-01 16	13 37 40.622	1933.36	2	-0 2722
3566	8.0	+00 18	13 19 44.804	1933.33	2	+0 3048	3624	9.0	-02 01	13 37 48.404	1933.35	2	-1 2848
3567	9.4	-00 48	13 19 49.087	1933.36	2	-0 2681	3626	8.0	-02 07	13 39 28.123	1932.89	2	-1 2851
3568	8.3	-00 13	13 20 05.267	1933.36	2	+0 3049	3625	9.0	+00 14	13 39 31.422	1932.87	2	+0 3090
3569	9.0	-01 08	13 20 56.389	1933.33	2	-0 2684	3627	8.3	-00 51	13 40 33.554	1933.33	2	-0 2727
3570	8.9	+00 53	13 21 14.473	1933.33	2	+1 2809	3628	9.2	-01 11	13 40 34.766	1933.04	3	-0 2731
3571	8.8	-00 21	13 21 19.650	1933.36	2	+0 3050	3630	8.8	+00 42	13 43 42.255	1932.73	3	+1 2845
3572	8.4	-01 45	13 21 50.177	1933.32	2	-1 2815	3632	9.0	-00 06	13 43 57.356	1933.36	2	+0 3098
3573	8.4	+00 03	13 21 57.665	1933.36	2	+0 3051	3631	9.0	-00 53	13 43 57.901	1933.04	3	-0 2736
3574	8.6	-01 56	13 21 59.316	1933.36	2	-1 2816	3633	9.0	-02 30	13 44 03.283	1933.36	2	-2 3731
3575	9.0	-00 07	13 22 22.506	1933.38	2	+0 3052	3634	8.8	+00 48	13 44 04.702	1933.33	2	+1 2847
3576	8.5	-01 52	13 22 49.283	1933.34	2	-1 2817	3635	7.8	-02 06	13 44 54.359	1933.33	2	-1 2858
3577	8.8	-00 06	13 23 21.388	1933.32	2	+0 3053	3636	9.2	-00 15	13 45 26.717	1932.74	3	+0 3102
3578	7.2	-00 50	13 23 48.776	1933.36	2	-0 2686	3637	9.0	+00 48	13 45 32.683	1933.35	2	+1 2851
3579	9.0	-00 42	13 25 00.818	1933.02	3	-0 2690	3638	9.0	-01 14	13 45 41.726	1933.36	2	-0 2738
3580	9.0	-00 01	13 25 05.950	1933.33	2	+0 3060	3639	9.2	-00 14	13 46 00.734	1933.36	2	+0 3103
3581	8.6	+00 03	13 25 39.425	1933.32	2	+0 3063	3640	8.8	-00 41	13 46 09.044	1933.33	2	-0 2741
3582	7.8	-00 28	13 25 52.770	1933.04	3	-0 2691	3641	7.5	-02 30	13 46 13.570	1933.38	2	-2 3737
3583	9.0	-00 54	13 26 30.676	1933.04	3	-0 2693	3642	8.5	-01 15	13 46 34.413	1933.36	2	-0 2743
3585	8.2	+00 29	13 26 50.137	1933.34	2	+0 3065	3643	8.8	-01 35	13 46 52.683	1933.37	2	-1 2860
3584	7.2	-01 00	13 26 51.006	1933.34	2	-0 2694	3644	9.2	+00 14	13 47 52.683	1933.35	2	+0 3105
3586	8.8	-01 02	13 27 23.157	1933.33	2	-0 2696	3645	8.5	-02 27	13 48 39.107	1933.02	3	-2 3747
3587	8.8	+00 42	13 27 44.656	1933.35	2	+1 2820	3646	8.6	+00 54	13 48 45.899	1933.04	3	+1 2855
3588	8.2	-01 32	13 27 49.285	1933.04	3	-1 2827	3647	8.8	-01 10	13 49 49.771	1932.88	2	-0 2752
3589	8.8	-01 55	13 28 19.897	1933.67	3	-1 2828	3648	9.0	-02 01	13 49 59.210	1933.03	3	-1 2869
3590	8.8	-02 27	13 28 35.293	1933.02	3	-2 3698	3649	8.5	-01 37	13 50 41.216	1932.87	2	-1 2874
3591	8.7	-01 54	13 28 46.962	1933.67	3	-1 2830	3650	8.8	-00 37	13 51 40.969	1932.87	2	-0 2755
3592	9.2	+00 39	13 29 00.125	1933.36	2	+1 2822	3651	6.3	-01 10	13 52 16.436	1932.94	2	-0 2758
3594	7.7	-01 58	13 29 18.909	1933.34	2	-1 2832	3652	8.8	-02 02	13 52 27.015	1933.35	2	-1 2875
3593	8.9	-00 53	13 29 19.373	1933.34	2	-0 2700	3653	8.6	-00 46	13 52 28.200	1933.37	2	-0 2760
3595	8.6	-02 14	13 30 12.079	1933.35	2	-1 2833	3654	8.4	-01 06	13 53 02.050	1932.87	2	-0 2764
3596	8.0	-02 04	13 30 32.599	1933.33	2	-1 2834	3655	9.1	-00 58	13 53 11.040	1932.91	2	-0 2765
3597	9.0	-01 04	13 31 20.333	1933.35	2	-0 2705	3656	9.0	-00 03	13 53 45.799	1933.33	2	+0 3110
3598	8.7	-02 31	13 31 36.501	1933.36	2	-2 3708	3658	9.0	-00 33	13 54 19.187	1933.04	3	-0 2766
3599	8.7	+00 52	13 31 44.030	1933.37	2	+1 2828	3659	8.9	+00 31	13 54 26.667	1933.36	2	+0 3113
3600	9.0	+00 28	13 31 48.276	1933.38	2	+0 3074	3660	9.0	-00 04	13 54 30.750	1933.38	2	+0 3114
3601	8.2	+00 03	13 31 53.624	1933.38	2	+0 3075	3661	9.0	+00 00	13 54 59.518	1933.37	2	+0 3115
3603	8.6	-02 13	13 32 48.575	1933.36	2	-1 2838	3662	9.0	-02 27	13 55 14.359	1933.38	2	-2 2882
3604	9.0	-02 07	13 32 56.101	1933.38	2	-1 2839	3663	8.5	-01 59	13 55 26.255	1932.73	3	-1 2882
3605	9.0	-02 22	13 33 23.503	1933.37	2	-1 2840	3664	9.0	+00 22	13 55 52.154	1932.87	2	+0 3116

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
3665	8.9	+00° 10'	13 ^h 57 ^m 16. ^s 588	1932.71	3	+0° 3117	3725	8.8	-02° 04'	14 ^h 19 ^m 06. ^s 305	1932.46	2	-1° 2942
3666	7.5	+00 23	13 57 21.434	1933.39	3	+0 3118	3726	9.3	-03 01	14 19 11.699	1932.90	2	-2 3827
3667	9.0	-01 16	13 57 33.286	1932.73	3	+0 2772	3727	9.0	-00 59	14 19 17.219	1932.45	2	-0 2815
3668	9.0	+00 23	13 57 42.807	1933.36	2	+0 3119	3728	6.8	-01 40	14 19 30.542	1932.42	3	-1 2943
3669	8.5	-01 45	13 58 15.893	1933.37	2	-1 2888	3730	8.9	-01 15	14 20 21.174	1932.43	2	-0 2816
3670	9.0	-01 27	13 58 21.085	1932.92	2	-1 2890	3729	7.0	-00 19	14 20 21.858	1933.08	3	+0 3171
3671	9.2	-02 10	13 58 36.310	1933.37	2	-1 2891	3731	9.0	+00 22	14 21 08.481	1932.75	3	+0 3173
3672	8.3	+00 46	13 59 29.731	1933.37	2	+1 2874	3732	9.0	-02 07	14 21 12.565	1932.89	2	-1 2947
3673	8.6	+00 48	13 59 37.119	1933.39	2	+1 2877	3733	7.5	-01 02	14 22 08.985	1932.91	2	-1 2951
3674	9.0	+00 34	13 59 40.377	1933.39	2	+0 3124	3734	8.8	+00 21	14 22 10.954	1932.92	4	+0 3178
3675	8.6	-01 52	14 00 07.191	1933.38	2	-1 2894	3735	9.0	+00 06	14 22 20.681	1932.89	2	+0 3180
3676	8.5	+00 23	14 00 11.478	1933.37	2	+0 3126	3736	8.9	+00 42	14 22 43.019	1932.46	2	+1 2924
3677	9.0	-01 36	14 00 17.904	1933.38	2	-1 2896	3737	9.0	-00 40	14 22 51.386	1932.90	2	-0 2819
3678	8.7	-02 02	14 00 26.830	1933.36	2	-1 2897	3738	8.8	-00 51	14 23 18.851	1932.93	2	-0 2820
3679	9.1	+00 17	14 00 52.621	1933.36	2	+0 3127	3739	8.5	-00 23	14 23 37.765	1932.88	2	-0 2821
3680	8.4	-00 18	14 00 59.234	1932.91	2	+0 3128	3740	8.6	-00 46	14 24 10.233	1932.43	2	-0 2823
3681	9.1	+00 56	14 01 25.981	1932.74	3	+1 2882	3741	9.0	-01 07	14 24 31.627	1933.06	3	-0 2834
3682	8.5	-00 02	14 01 37.113	1932.89	2	+0 3130	3742	9.0	-02 23	14 24 46.879	1932.92	2	-2 3846
3683	8.6	-00 07	14 02 23.871	1932.44	3	+0 3131	3743	8.4	-01 26	14 24 53.742	1932.90	2	-1 2955
3684	9.0	-00 39	14 02 29.635	1932.91	2	-0 2779	3744	8.9	+00 25	14 25 21.659	1932.94	2	+0 3185
3685	8.7	-00 35	14 02 50.045	1932.87	2	-0 2780	3745	9.0	-01 15	14 25 25.778	1933.40	3	-0 2827
3686	9.0	-00 44	14 04 50.277	1932.42	3	-0 2783	3749	9.1	-02 15	14 25 32.774	1933.36	2	-1 2958
3687	8.8	-00 43	14 05 01.795	1932.89	2	-0 2784	3746	8.6	-01 27	14 25 33.684	1933.06	3	-1 2956
3688	8.4	-00 45	14 05 06.041	1932.45	2	-0 2786	3750	9.0	-00 01	14 26 32.204	1932.94	2	+0 3190
3689	8.0	+00 19	14 05 16.631	1933.33	2	+0 3134	3751	9.0	-01 24	14 26 48.794	1932.75	3	-1 2959
3690	7.5	+00 17	14 05 26.910	1933.36	2	+0 3135	3752	9.0	-01 57	14 27 01.616	1932.91	2	-1 2961
3691	8.8	-01 48	14 05 32.890	1933.36	2	-1 2907	3753	8.9	+00 35	14 27 10.220	1932.91	2	+0 3192
3692	8.1	-00 43	14 05 42.365	1933.07	3	-0 2787	3754	8.8	-01 41	14 27 54.970	1933.38	2	-1 2962
3693	8.6	+00 32	14 05 52.636	1933.38	2	+0 3136	3755	9.0	-01 06	14 28 29.703	1932.90	2	-0 2833
3694	8.8	+00 42	14 05 53.818	1933.38	2	+1 2890	3756	9.0	+00 04	14 28 46.673	1932.93	2	+0 3196
3696	9.0	+00 17	14 06 45.659	1933.34	2	+0 3139	3757	7.8	-01 29	14 29 36.080	1932.75	3	-1 2963
3697	7.5	-00 19	14 07 26.827	1932.45	2	+0 3142	3758	9.2	-00 26	14 30 15.874	1932.43	3	-0 2838
3698	9.0	+00 47	14 07 30.337	1933.37	2	+1 2893	3759	9.0	-02 20	14 31 17.823	1932.43	2	-1 2965
3699	8.9	+00 36	14 07 40.216	1933.36	3	+0 3143	3760	9.0	-00 14	14 31 20.838	1932.89	2	+0 3203
3700	9.0	+01 02	14 07 49.509	1932.43	2	+0 3144	3761	8.9	-01 11	14 31 43.026	1933.06	3	-0 2842
3701	9.2	-02 20	14 08 02.413	1933.35	2	-1 2914	3762	9.0	+02 11	14 32 12.636	1932.44	3	-1 2967
3702	8.0	-02 21	14 08 32.287	1933.11	4	-1 2916	3763	8.7	-01 06	14 32 21.469	1932.74	3	-0 2845
3703	9.0	+00 35	14 08 36.427	1933.35	3	+0 3145	3764	8.4	+00 33	14 33 21.340	1932.43	2	+0 3206
3704	8.9	-01 39	14 10 13.522	1932.43	2	-1 2920	3765	7.8	+00 31	14 33 34.696	1932.93	2	+0 3207
3705	8.4	+00 40	14 10 26.482	1932.88	2	+1 2898	3766	9.0	+00 41	14 33 55.321	1932.80	3	+1 2953
3706	6.5	-00 31	14 11 14.284	1932.91	2	-0 2796							
3707	8.9	-01 28	14 11 36.879	1932.88	2	-1 2923	3767	9.0	-00 37	14 34 00.700	1932.89	2	-0 2847
3708	9.0	-00 17	14 11 55.675	1932.44	2	+0 3152	3768	9.1	+00 09	14 34 33.846	1932.74	2	+0 3209
3709	9.1	+00 35	14 12 25.998	1933.03	3	+0 3153	3769	8.9	-00 11	14 34 57.609	1932.45	2	+0 3211
3710	9.0	-01 59	14 12 32.449	1932.91	2	-1 2926	3770	8.8	+00 45	14 35 08.944	1933.07	3	+1 2957
3711	9.0	-01 06	14 12 42.102	1933.37	2	-0 2797	3772	8.9	-00 29	14 35 47.216	1932.89	2	-0 2850
3712	8.9	-01 02	14 13 30.641	1933.34	2	-0 2802	3773	8.8	+00 03	14 36 02.021	1932.44	2	+0 3216
3713	9.0	+00 15	14 13 36.370	1932.93	2	+0 3158	3774	9.0	-02 30	14 36 35.961	1932.92	2	-1 2972
3715	9.0	-02 19	14 14 47.780	1932.89	2	-	3776	8.1	-02 07	14 37 33.523	1932.45	2	-1 2972
3716	8.0	-01 47	14 16 56.451	1932.43	2	-1 2937	3775	8.8	-00 46	14 37 39.742	1932.89	2	-0 2852
3717	8.5	+00 18	14 17 01.369	1932.65	4	+0 3162	3777	7.4	-01 45	14 38 05.218	1933.37	2	-1 2973
3718	5.0	-01 56	14 17 04.439	1932.45	2	-1 2938	3778	8.0	+00 24	14 39 00.255	1932.47	2	+0 3223
3719	6.8	+00 42	14 17 14.925	1932.45	2	+1 2913	3779	7.8	-01 05	13 39 11.382	1933.37	2	-0 2855
3720	7.1	+00 30	14 18 04.660	1932.87	2	+0 3165	3780	8.9	-00 08	14 39 13.454	1932.91	2	+0 3224
3721	9.2	+00 33	14 18 14.372	1933.06	3	+0 3166	3781	8.4	+00 41	14 39 21.123	1932.94	2	+1 2964
3722	8.8	-01 19	14 18 17.801	1932.91	2	-0 2813	3782	8.8	-00 41	14 39 33.513	1932.94	2	-0 2857
3723	9.0	-01 48	14 18 27.366	1932.93	2	-1 2939	3783	9.0	-00 21	14 39 33.991	1932.94	2	-0 2858
3724	8.7	-02 11	14 18 40.477	1933.36	2	-1 2940	3784	8.9	-02 05	14 39 41.339	1932.92	2	-1 2974

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
3785	9.1	+00° 15'	14 ^h 41 ^m 04. ^s 514	1932.47	2	+0°3227	3844	9.1	-01° 57'	14 ^h 57 ^m 47. ^s 378	1932.94	2	-1° 3005
3786	7.0	-02 13	14 41 19.316	1932.94	2	-1 2981	3845	8.4	+00 49	14 57 53.240	1933.37	2	+1 3012
3787	8.8	+00 21	14 41 24.951	1933.41	3	+0 3228	3846	9.1	-02 03	14 58 35.160	1932.92	2	-1 3006
3788	9.0	-00 19	14 41 48.753	1932.90	2	+0 3229	3847	5.0	-02 29	14 58 50.231	1932.44	2	-2 3928
3789	9.3	+00 28	14 42 16.156	1932.75	3	+0 3231	3848	8.0	+00 59	14 59 20.130	1932.94	2	+1 3015
3790	8.9	-00 48	14 42 36.270	1932.43	2	-0 2866	3849	6.5	+00 08	14 59 25.691	1933.37	2	+0 3297
3791	6.0	-01 07	14 42 45.776	1932.89	2	-0 2867	3850	8.5	-01 44	14 59 39.181	1932.45	3	-1 3008
3792	6.5	+01 01	14 43 06.395	1932.94	2	+1 2972	3851	8.8	-02 20	14 59 22.725	1932.94	2	-2 3935
3793	8.6	-00 04	14 43 12.556	1932.93	2	+0 3234	3853	8.0	-00 38	15 00 58.598	1932.94	2	-0 2921
3794	8.4	-01 02	14 43 33.254	1932.93	2	-0 2872	3854	8.8	+00 55	15 02 13.478	1933.37	2	+1 3021
3795	7.5	-00 33	14 43 53.903	1933.37	2	-0 2875	3856	8.3	+00 46	15 02 52.133	1932.47	2	+1 3022
3796	8.9	-01 09	14 44 00.888	1932.94	2	-0 2878	3858	8.8	+00 52	15 03 06.298	1933.37	2	+1 3023
3797	8.9	-01 11	14 44 08.679	1933.39	2	-0 2879	3857	9.0	-02 08	15 03 08.679	1933.38	2	-1 3013
3798	9.0	-01 24	14 44 22.862	1932.95	2	-1 2985	3859	8.4	-01 03	15 03 11.879	1933.39	2	-0 2924
3799	9.0	-00 31	14 44 35.986	1933.37	2	-0 2882	3861	7.9	-01 43	15 03 12.700	1933.39	2	-1 3014
3800	9.1	-00 04	14 44 42.777	1932.89	2	+0 3240	3860	8.8	-00 29	15 03 13.333	1933.39	2	-0 2923
3801	8.3	+00 01	14 45 08.314	1932.93	2	+0 3243	3862	8.9	-01 36	15 03 51.582	1932.95	2	-1 3017
3802	8.6	-00 50	14 46 07.312	1932.45	2	-0 2884	3863	9.0	-02 04	15 04 05.023	1932.94	2	-1 3018
3803	6.7	-00 33	14 46 26.833	1932.47	2	-0 2886	3864	8.5	-02 01	15 04 32.696	1932.92	2	-1 3020
3804	8.9	-01 24	14 46 40.598	1932.43	3	-1 2988	3865	8.3	-02 01	15 04 41.541	1932.91	2	-1 3021
3805	8.9	-01 43	14 46 58.957	1932.92	2	-1 2989	3869	9.0	+00 11	15 05 04.603	1932.90	2	+0 3305
3806	7.7	+00 17	14 47 36.717	1932.44	2	+0 3249	3868	8.9	-02 18	15 05 07.894	1933.39	2	-1 3023
3807	9.0	-00 33	14 48 01.324	1932.45	2	-0 2890	3870	8.4	+00 13	15 05 37.359	1933.40	3	+0 3308
3808	8.7	+00 16	14 48 09.105	1933.08	3	+0 3250	3871	8.8	-00 48	15 05 50.398	1932.92	2	-0 2930
3809	8.4	-00 16	14 48 23.736	1932.93	2	+0 3251	3872	8.7	-00 43	15 06 17.109	1932.92	2	-0 2933
3810	9.0	-00 07	14 48 28.428	1932.89	2	+0 3252	3873	8.9	-02 19	15 06 43.444	1932.93	2	-1 3026
3812	6.5	+00 02	14 48 33.425	1932.49	2	+0 3253	3874	9.0	-01 37	15 07 00.809	1932.94	2	-1 3027
3811	4.8	-02 00	14 48 35.176	1933.38	2	-1 2991	3875	9.0	-01 09	15 07 06.052	1933.38	2	-0 2934
3813	8.4	+00 16	14 48 38.454	1933.09	3	+0 3254	3876	8.4	+00 59	15 07 16.211	1932.43	3	+1 3036
3814	8.5	+00 51	13 48 46.412	1933.38	2	+1 2988	3877	9.0	-02 09	15 07 27.640	1933.39	2	-1 3028
3815	9.0	+00 02	14 48 57.048	1932.95	2	+0 3256	3878	8.0	-00 37	15 07 32.928	1932.93	2	-0 2936
3816	8.6	-02 10	14 49 00.450	1933.39	2	-1 2992	3879	8.5	-00 48	15 07 49.163	1932.92	2	-0 2937
3817	9.0	-00 51	14 49 06.020	1932.95	2	-0 2891	3880	8.8	+00 24	15 08 20.101	1932.45	2	+0 3313
3818	8.8	-01 07	14 49 59.893	1932.44	3	-0 2895	3881	7.3	-02 00	15 09 08.543	1933.09	3	-1 3030
3819	8.8	+00 24	14 50 06.201	1932.90	2	+0 3259	3882	9.4	+00 43	15 09 54.292	1932.90	2	+1 3042
3820	8.8	+00 48	14 50 11.717	1932.89	2	+1 2991	3883	7.2	-00 07	15 10 10.741	1932.47	2	+0 3318
3821	8.8	+00 18	14 50 12.366	1932.92	2	+0 3260	3884	9.1	-00 54	15 10 24.354	1933.40	3	-0 2941
3822	9.0	-00 56	14 50 23.064	1932.94	2	-0 2897	3885	9.0	-01 06	15 10 25.946	1932.92	2	-0 2940
3823	8.3	-02 13	14 50 23.304	1932.92	2	+0 3264	3886	9.0	-01 08	15 10 41.252	1932.46	2	-0 2942
3825	7.9	-00 07	14 51 22.952	1932.44	3	+0 3265	3887	9.0	-00 53	15 10 58.185	1933.40	3	-0 2943
3824	9.1	-02 13	14 51 23.683	1932.92	2	-1 2994	3888	8.9	-01 23	15 10 59.901	1932.94	2	-1 3033
3826	8.8	+00 24	14 51 46.291	1932.92	2	+0 3266	3891	7.0	-01 09	15 11 28.729	1932.92	2	-0 2944
3829	9.2	+00 23	14 52 47.514	1932.92	2	+0 3271	3890	8.6	-01 38	15 11 32.583	1932.44	2	-1 3036
3828	8.8	-01 50	14 51 49.394	1932.94	2	-1 2997	3889	9.0	-02 09	15 11 33.840	1933.38	2	-1 3035
3827	9.0	-01 35	14 51 54.057	1932.93	2	-1 2996	3892	8.0	+00 38	15 11 56.905	1932.90	2	+0 3322
3830	9.4	-01 45	14 52 57.393	1932.95	2	-1 2998	3893	8.2	-02 09	15 12 30.288	1932.94	2	-1 3041
3831	8.8	+00 27	14 52 59.248	1932.93	2	+0 3273	3894	8.5	-00 55	15 12 40.990	1932.94	2	-0 2946
3832	9.0	-00 31	14 53 37.067	1932.90	2	-0 2903	3895	8.6	+00 25	15 13 01.357	1932.95	2	+0 3325
3834	8.9	-01 09	14 53 58.141	1932.92	2	-0 2906	3896	6.0	+00 38	15 13 25.407	1932.92	2	+0 3327
3836	8.7	-01 27	14 54 31.511	1933.39	3	-1 2999	3897	9.0	-02 06	15 13 32.993	1933.11	3	-1 3042
3835	7.0	+00 07	14 55 06.405	1932.47	2	+0 3277	3898	8.9	-01 29	15 13 49.591	1932.95	2	-1 3043
3839	9.3	-00 40	14 55 30.249	1932.92	2	-0 2911	3899	8.9	+00 05	15 13 54.138	1933.39	2	+0 3328
3837	9.2	+00 29	14 55 33.991	1932.95	2	+0 3278	3900	7.8	-00 44	15 15 16.349	1933.37	2	-0 2948
3838	8.6	+00 23	14 55 45.317	1933.41	3	+0 3280	3901	9.2	-00 09	15 15 15.126	1932.93	2	+0 3334
3840	8.5	-00 04	14 55 31.293	1932.89	2	+0 3286	3902	8.9	+00 25	15 15 42.224	1932.46	2	+0 3336
3841	8.8	-01 32	14 56 45.932	1932.89	2	-1 3003	3903	9.0	-01 21	15 15 51.028	1932.94	2	-1 3044
3842	8.7	+00 12	14 57 26.640	1932.92	2	+0 3291	3904	6.8	-00 12	15 16 04.281	1933.37	2	+0 3337
3843	8.6	-01 36	14 57 33.627	1932.45	3	-1 3004	3905	8.0	-00 32	15 16 03.644	1933.39	2	-0 2949

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
3906	9.0	-00° 21'	15 ^h 16 ^m 08. ^s 665	1933.40	3	-0° 2950	3965	8.2	-00° 05'	15 ^h 36 ^m 37. ^s 035	1932.93	2	+0° 3387
3907	8.7	+00 05	15 16 14.365	1932.93	2	+0 3338	3966	9.3	+00 46	15 36 46.759	1932.93	2	+1 3109
3908	7.2	-01 20	15 16 29.503	1932.94	2	-1 3045	3967	8.4	-00 50	15 37 05.252	1932.94	2	-0 2993
3909	9.0	-01 55	15 16 48.725	1933.39	2	-1 3046	3968	9.2	+00 41	15 37 15.329	1932.78	3	-0 2995
3910	9.2	+00 48	15 16 51.576	1933.41	2	+1 3062	3969	8.9	-02 06	15 37 45.894	1932.74	3	-1 3079
3911	9.5	+00 27	15 17 03.117	1933.39	2	+0 3340	3970	9.1	-02 18	15 37 52.135	1932.94	2	-0 4031
3912	9.2	+00 49	15 17 21.798	1933.10	3	+1 3064	3971	8.2	-00 41	15 37 57.950	1932.45	4	-0 2997
3913	9.0	+00 02	15 17 45.840	1932.46	2	+0 3343	3972	9.0	-01 47	15 38 01.825	1932.94	2	-1 3080
3914	8.9	-00 12	15 17 54.825	1932.78	3	+0 3345	3973	8.0	-02 25	15 38 56.733	1932.90	2	-1 3081
3915	8.9	-00 56	15 18 01.123	1932.93	2	-0 2952	3974	9.2	-02 16	15 38 59.916	1933.10	3	-1 3081
3916	8.9	-01 17	15 18 02.777	1933.37	2	+0 3346	3975	9.2	-00 35	15 39 15.380	1932.94	2	-0 2999
3917	6.8	-02 09	15 18 22.322	1933.38	2	-1 3047	3976	9.4	-00 36	15 39 27.279	1932.93	2	-0 3000
3918	6.5	+00 58	15 18 38.492	1932.92	2	+1 3067	3977	7.6	+00 41	15 39 37.165	1932.92	4	+0 3389
3919	8.0	+00 01	15 18 43.632	1933.39	2	+0 3348	3978	9.1	-01 50	15 39 52.806	1932.90	2	-1 3083
3920	8.5	-00 37	15 19 05.143	1932.94	2	-0 2956	3979	8.4	-01 11	15 39 57.038	1933.38	2	-0 3001
3921	9.0	-01 46	15 19 17.926	1932.92	2	-1 3050	3980	8.8	-01 31	15 40 46.891	1932.94	2	-1 3085
3922	8.5	-01 17	15 20 13.565	1933.08	3	-1 3051	3981	8.8	-01 31	15 41 07.909	1933.41	3	-1 3086
3923	7.6	+00 43	15 20 35.926	1932.48	2	+0 3339	3982	8.9	-02 05	15 41 35.366	1932.95	2	-1 3089
3924	7.0	-00 47	15 21 17.569	1932.92	2	-0 2961	3983	9.3	+00 50	15 41 53.898	1933.39	2	+1 3121
3925	7.6	-00 18	15 21 55.926	1932.93	2	-0 2963	3984	9.1	+00 34	15 42 25.296	1933.39	2	+0 3395
3926	9.1	-01 56	15 22 01.682	1932.92	2	-1 3053	3985	9.0	-01 10	15 42 58.747	1933.39	4	-0 3004
3927	8.9	+00 54	15 22 18.156	1932.44	2	+1 3072	3986	8.9	-01 14	15 43 31.315	1932.93	2	-0 3005
3928	8.7	-01 59	15 22 27.806	1932.92	2	-1 3054	3987	9.0	+00 14	15 43 36.417	1932.94	2	+0 3398
3929	9.2	-01 15	15 22 53.708	1932.93	2	-0 2964	3988	5.5	-01 35	15 43 40.441	1933.39	2	-1 3092
3930	7.5	-01 01	15 23 16.981	1932.48	2	-0 2965	3989	8.9	-01 21	15 43 45.133	1932.92	2	-1 3093
3931	9.0	+00 32	15 23 36.729	1932.92	2	+0 3355	3990	8.9	+00 53	15 43 48.517	1933.39	2	+1 3128
3932	9.0	-00 49	15 23 41.926	1932.95	2	-0 2967	3991	9.3	-01 01	15 43 59.867	1932.95	2	-0 3006
3933	9.2	+00 43	15 23 58.570	1933.39	2	+0 3356	3992	8.9	-01 23	15 44 10.690	1932.42	3	-1 3095
3934	8.6	-01 35	15 24 51.518	1932.92	2	-1 3057	3993	8.4	-02 24	15 44 50.121	1933.39	2	-2 4044
3935	8.5	-00 22	15 25 20.483	1932.93	2	-0 2971	3994	7.5	-00 03	15 44 54.881	1933.39	2	+0 3401
3936	9.0	+00 08	15 25 34.090	1932.43	2	+0 3358	3995	9.0	-00 24	15 44 57.784	1932.95	2	-0 3007
3937	9.0	-01 47	15 25 59.859	1932.44	3	-1 3059	3996	8.6	-00 51	15 44 58.451	1932.95	2	-0 3008
3938	9.1	-02 20	15 26 09.121	1932.44	3	-2 4001	3997	8.8	-01 57	15 46 01.055	1932.46	2	-1 3100
3939	7.8	+00 51	15 26 09.400	1932.77	2	+1 3084	3998	7.3	-00 47	15 46 28.701	1933.38	2	-0 3011
3940	9.0	-01 05	15 27 57.568	1932.43	3	-0 2973	3999	8.5	+00 25	15 46 35.515	1932.94	2	+0 3405
3941	8.2	-02 17	15 28 23.501	1933.10	2	-1 3064	4000	9.2	-01 40	15 46 39.122	1932.94	2	-1 3102
3942	8.3	-01 50	15 29 20.468	1932.46	2	-1 3063	4001	8.2	-01 47	15 46 47.894	1933.40	2	-1 3103
3943	8.6	+00 24	15 29 34.666	1932.93	2	+0 3365	4002	9.0	-00 26	15 46 51.784	1933.39	2	-0 3013
3944	8.9	+00 21	15 29 39.311	1932.93	2	+0 3366	4003	9.2	-00 33	15 46 59.139	1933.40	2	-0 3014
3945	8.5	-01 33	15 29 59.193	1933.39	2	-1 3066	4004	9.1	-02 09	15 47 40.067	1932.95	2	-
3946	9.1	-00 06	15 30 11.755	1932.73	3	+0 3368	4005	9.0	-02 02	15 48 02.966	1932.95	2	-1 3106
3947	6.2	-00 57	15 30 30.348	1932.48	2	-0 2982	4006	9.2	-00 41	15 48 05.452	1933.39	2	-0 3020
3948	9.3	-01 12	15 31 06.089	1933.10	3	-0 2983	4007	8.5	+00 04	15 48 26.355	1933.40	2	+0 3412
3949	9.0	+00 08	15 32 00.341	1932.74	3	+0 3373	4008	8.7	-00 45	15 48 30.561	1933.40	4	-0 3022
3951	7.7	+00 05	15 32 26.417	1933.38	2	+0 3375	4009	9.0	-02 24	15 49 01.348	1932.82	3	-2 4060
3952	9.0	+00 33	15 33 01.130	1932.46	2	+0 3376	4010	8.6	-02 04	15 49 44.938	1932.90	2	-1 3108
3953	9.2	-02 04	15 33 21.009	1933.71	3	-1 3070	4011	9.0	+00 56	15 50 00.887	1932.94	2	+1 3138
3954	8.2	+00 18	15 33 37.703	1933.38	2	+0 3377	4014	8.0	-00 49	15 50 07.578	1932.48	2	-0 3026
3955	9.0	+00 30	15 33 36.495	1932.94	2	+0 3378	4012	8.0	-01 42	15 50 07.710	1933.07	3	-1 3109
3956	8.3	-02 17	15 33 46.672	1933.39	2	-2 4021	4013	8.3	-01 07	15 50 09.882	1933.39	2	-0 3025
3957	6.5	-00 20	15 34 06.863	1932.46	2	-0 2988	4015	9.0	-00 55	15 50 41.668	1933.39	2	-0 3028
3958	8.9	-00 01	15 34 23.222	1932.92	2	+0 3379	4016	9.0	-01 43	15 50 45.658	1933.07	3	-1 3112
3959	9.2	-00 27	15 34 36.097	1932.94	2	-0 2989	4017	9.0	-01 03	15 50 47.119	1932.95	2	-0 3029
3960	8.5	+00 04	15 34 53.144	1932.93	2	+0 3381	4018	8.9	-01 45	15 51 02.252	1932.90	2	-1 3113
3961	7.8	-00 39	15 35 04.714	1933.38	2	-0 2990	4019	8.9	+00 30	15 51 14.625	1932.46	2	+0 3423
3962	9.2	+00 33	15 35 34.592	1932.46	2	+0 3382	4020	8.2	+00 17	15 52 56.071	1932.46	2	+0 3429
3963	9.0	-00 22	15 36 08.866	1932.43	2	-0 2991	4021	9.0	-02 03	15 53 06.847	1932.48	2	-1 3117
3964	8.9	-01 34	15 36 13.230	1932.46	2	-1 3074	4022	8.4	-01 58	15 53 25.918	1932.46	2	-1 3118

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
4023	9.1	-00° 42'	15 ^h 54 ^m 11.5086	1932.90	2	-0° 3096	4086	8.5	-01° 45'	16 ^h 12 ^m 14.5214	1933.43	2	-1° 3155
4024	8.1	-00 45	15 54 29.130	1933.14	3	-0 3038	4087	8.2	-00 13	16 12 16.393	1933.42	2	-0 3082
4025	7.7	-00 33	15 54 33.654	1932.48	2	-0 3040	4089	8.8	-00 25	16 12 33.466	1933.45	2	-0 3083
4026	8.5	+00 06	15 55 15.428	1932.90	2	+0 3435	4088	8.5	-00 05	16 12 33.519	1933.44	2	+0 3477
4027	9.2	+00 15	15 55 43.321	1932.49	2	+0 3437	4090	7.5	-01 36	16 12 39.125	1933.44	2	-1 3157
4028	8.6	+00 46	15 56 06.970	1932.80	3	+0 3438	4091	8.6	-02 10	16 12 48.845	1933.40	2	-1 3159
4029	7.5	+00 48	15 56 41.439	1932.80	3	+1 3151	4092	8.1	-00 28	16 12 51.904	1933.42	2	-0 3085
4030	9.4	+00 52	15 57 00.626	1932.92	2	+1 3152	4093	9.2	-02 16	16 12 59.925	1933.40	2	-2 4145
4031	9.0	-00 26	15 57 04.375	1932.46	2	-0 3045	4094	9.1	+00 35	16 13 05.838	1932.49	2	+0 3479
4032	7.5	+00 49	15 57 38.032	1932.81	3	+1 3154	4095	7.6	-01 29	16 13 51.653	1932.46	2	-1 3161
4033	8.5	+00 20	15 57 54.997	1932.90	2	+0 3441	4097	9.1	+00 47	16 14 30.270	1932.94	2	+0 3485
4034	9.1	+01 02	15 58 16.198	1932.93	2	+1 3156	4098	9.2	+00 12	16 15 12.038	1932.49	2	+0 3488
4035	8.4	+00 33	15 58 20.128	1932.91	2	+0 3443	4099	8.9	-02 06	16 15 44.380	1932.91	2	-1 3166
4036	9.2	-01 22	15 58 48.484	1932.91	2	-1 3126	4100	9.2	-00 41	16 16 02.570	1932.95	2	-0 3090
4037	9.3	-01 24	15 59 01.687	1933.42	4	-1 3127	4101	9.0	+00 41	16 16 07.646	1933.43	2	+0 3494
4038	7.6	-00 38	15 59 39.448	1932.46	2	-0 3048	4102	9.0	-00 56	16 16 19.180	1932.94	2	-0 3092
4040	7.6	-00 13	16 00 16.643	1932.46	2	-0 3049	4103	9.0	-00 36	16 16 56.537	1932.49	2	-0 3094
4039	8.0	-02 17	16 00 18.777	1932.49	2	-2 4094	4104	9.0	-00 32	16 17 02.702	1933.40	2	-0 3097
4041	8.0	-01 27	16 00 29.786	1932.48	3	-1 3129	4105	9.0	-00 48	16 17 56.701	1932.91	2	-0 3097
4042	9.3	+00 36	16 01 51.702	1932.48	2	+0 3449	4107	8.0	+00 48	16 18 41.693	1932.94	2	+0 3503
4043	7.5	+00 52	16 02 05.916	1932.93	2	+1 3160	4108	9.0	-01 42	16 18 47.310	1932.42	3	-1 3710
4044	8.6	+00 10	16 02 07.442	1932.90	2	+0 3451	4109	7.8	+00 14	16 19 11.992	1932.92	2	+0 3505
4045	7.8	-00 58	16 02 14.361	1932.46	2	-0 3052	4110	8.7	+00 44	16 19 24.801	1932.46	2	+0 3506
4046	9.0	+00 05	16 02 48.873	1932.49	2	+0 3452	4111	8.2	+00 40	16 19 47.558	1932.47	2	+0 3508
4047	8.3	-00 11	16 03 47.207	1932.46	2	+0 3454	4112	9.2	+00 23	16 19 55.322	1932.80	3	+0 3509
4049	8.6	-00 01	16 03 54.335	1932.46	2	+0 3455	4113	6.7	-01 55	16 20 14.644	1933.40	2	-1 3174
4048	9.2	-02 23	16 03 55.380	1932.79	3	-2 4109	4114	9.0	-00 19	16 20 19.889	1932.94	2	-0 3102
4050	8.8	-01 26	16 04 49.894	1932.80	3	-1 3131	4115	7.0	-00 42	16 20 30.120	1932.95	2	-1 3105
4051	9.0	-00 46	16 05 10.162	1933.10	3	-0 3054	4116	9.2	+00 00	16 20 42.029	1933.07	2	+0 3510
4052	9.0	-00 46	16 05 32.914	1932.92	2	-0 3056	4117	8.5	-00 06	16 20 44.526	1933.42	2	+0 3511
4053	8.8	-00 51	16 05 35.874	1932.93	2	-0 3057	4118	8.0	-00 32	16 20 46.117	1933.44	2	-0 3106
4054	8.4	-00 19	16 05 44.959	1932.94	2	-0 3058	4119	8.4	-00 24	16 20 49.868	1933.40	2	-0 3107
4055	8.9	+00 46	16 06 05.220	1932.12	3	+0 3461	4120	9.0	-01 52	16 21 05.616	1932.90	2	-1 3177
4056	9.2	-00 44	16 06 21.050	1932.94	2	-0 3059	4121	8.6	+00 16	16 21 10.287	1932.91	2	+0 3515
4057	9.2	+01 03	16 06 49.997	1932.95	2	+1 3167	4122	8.5	-02 06	16 21 15.914	1932.95	2	-1 3178
4058	9.1	-02 06	16 07 13.332	1932.93	2	-1 3136	4123	9.1	-02 10	16 21 37.649	1932.95	2	-1 3180
4060	7.0	+01 00	16 07 16.501	1932.46	2	+1 3168	4125	8.8	-00 02	16 21 59.619	1932.92	2	+0 3517
4059	9.4	-00 44	16 07 18.282	1932.49	2	-0 3061	4124	9.2	-02 19	16 22 03.043	1933.41	2	-2 4177
4061	7.9	-01 26	16 07 30.295	1932.46	2	-1 3137	4127	8.0	-02 19	16 22 24.665	1933.10	3	-2 4180
4062	9.5	-02 14	16 07 51.004	1933.42	2	-2 4119	4128	9.2	-02 12	16 22 26.533	1933.42	2	-2 4181
4066	9.1	-00 27	16 08 09.699	1933.43	2	-0 3065	4129	9.0	+00 25	16 22 47.996	1933.41	2	+0 3518
4067	8.9	-00 22	16 08 25.046	1932.93	2	-0 3066	4130	9.2	+00 52	16 23 20.928	1932.47	2	+1 3231
4068	9.2	-01 47	16 08 34.342	1933.42	2	-1 3141	4132	8.4	+00 56	16 24 09.548	1932.46	2	+1 3234
4069	8.6	-00 56	16 08 42.326	1932.95	2	-0 3068	4131	9.0	-01 39	16 24 10.256	1932.91	2	-1 3188
4070	8.7	-00 39	16 09 10.367	1932.46	2	-0 3069	4134	9.2	+00 25	16 24 35.585	1932.92	2	+0 3522
4071	8.8	+00 00	16 09 34.147	1932.49	2	+0 3468	4135	9.0	+00 38	16 25 05.759	1932.49	2	+0 3524
4072	9.0	+00 50	16 09 38.647	1932.92	2	+1 3173	4136	9.0	-00 38	16 25 16.308	1932.94	2	-0 3118
4073	8.2	+00 04	16 09 44.895	1932.90	2	+0 3469	4137	8.8	+00 23	16 25 17.851	1932.93	2	+0 3526
4074	7.8	-01 33	16 10 17.192	1932.46	2	-1 3144	4138	9.0	-01 26	16 25 39.913	1932.92	2	-1 3195
4075	9.1	+00 49	16 10 38.601	1932.95	2	+1 3176	4141	9.0	-00 39	16 26 06.160	1933.10	3	-0 3122
4076	7.2	-00 20	16 10 46.291	1932.95	2	-0 3078	4140	8.9	-02 09	16 26 06.366	1932.94	2	-1 3197
4077	7.8	-01 13	16 10 50.025	1933.41	2	-1 3147	4143	7.2	+00 13	16 26 18.166	1932.93	2	+0 3530
4079	9.2	+00 50	16 11 14.449	1932.95	2	+1 3178	4144	9.0	-01 39	16 26 34.900	1932.91	2	-1 3198
4080	9.0	-01 45	16 11 33.575	1932.94	2	-1 3152	4145	8.6	+00 24	16 26 42.558	1931.99	2	+0 3531
4081	8.5	-02 10	16 11 39.992	1933.40	2	-1 3153	4146	9.3	+00 25	16 26 51.652	1932.94	2	+0 3532
4082	9.0	+00 02	16 11 52.493	1933.42	2	+0 3474	4148	8.0	+00 01	16 27 33.690	1932.47	2	+0 3533
4083	9.0	+00 40	16 11 53.895	1933.44	2	+0 3475	4150	8.8	-00 00	16 28 15.257	1932.95	2	+0 3536
4084	9.0	-01 58	16 12 02.158	1933.45	2	-1 3154	4151	8.9	-02 09	16 28 22.730	1933.42	2	-1 3202

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
4152	9.1	-01° 25'	16 ^h 29 ^m 11. ^s 335	1932.92	2	-1° 3205	4225	9.0	-01° 08'	16 ^h 47 ^m 43. ^s 719	1933.42	2	-0° 3191
4153	8.7	-02 07	16 29 18.998	1933.40	2	-1 3206	4226	8.6	-00 40	16 48 29.374	1932.47	2	-0 3194
4155	8.5	+00 06	16 29 26.663	1933.42	2	+0 3537	4227	8.6	-00 21	16 48 36.890	1932.94	2	-0 3195
4156	8.8	-01 31	16 29 49.416	1932.96	2	-1 3208	4229	9.0	-01 50	16 48 49.111	1932.94	2	-1 3258
4158	9.1	+00 21	16 29 56.133	1933.45	2	+0 3540	4230	9.0	+00 36	16 49 13.291	1932.97	2	+0 3589
4159	9.0	+00 20	16 30 04.405	1932.47	2	+0 3541	4231	9.0	-01 15	16 49 41.209	1932.97	2	-1 3261
4160	9.2	+00 47	16 30 20.924	1933.43	2	+0 3542	4232	7.0	+00 08	16 50 37.535	1932.94	2	+0 3593
4162	9.2	+00 46	16 30 39.831	1932.92	2	+0 3543	4233	7.4	-01 01	16 51 03.109	1932.95	2	-0 3197
4164	9.2	+00 42	16 31 01.478	1932.98	2	+0 3546	4234	6.8	-01 30	16 51 43.683	1932.93	2	-1 3268
4165	8.9	-01 08	16 31 12.048	1932.95	2	-0 3133	4235	9.2	-00 54	16 51 53.891	1932.94	2	-0 3199
4168	9.4	-00 47	16 31 23.568	1933.45	2	-0 3135	4236	8.4	+00 12	16 53 02.111	1933.41	2	+0 3597
4169	9.0	-01 05	16 31 40.824	1933.46	4	-0 3137	4238	8.6	-01 57	16 54 26.159	1932.94	2	-1 3271
4170	9.0	-02 06	16 32 46.569	1933.42	2	-1 3214	4237	8.9	-01 03	16 53 27.185	1932.94	2	-0 3203
4172	9.0	+00 04	16 32 55.208	1932.47	2	+0 3552	4239	9.0	-01 08	16 54 32.100	1933.42	2	-1 3272
4173	9.2	-02 08	16 33 28.244	1932.93	2	-1 3216	4240	9.0	-01 02	16 55 37.580	1933.46	2	-0 3206
4174	8.9	-00 16	16 33 32.585	1932.94	2	-0 3143	4241	9.1	-02 07	16 55 57.331	1932.46	2	-1 3275
4175	6.0	-02 11	16 33 51.488	1932.96	2	-1 3220	4242	9.3	-01 54	16 56 34.346	1933.42	2	-1 3276
4176	7.5	+00 23	16 34 43.927	1932.96	2	+0 3553	4243	9.3	-01 40	16 56 41.311	1933.44	2	-1 3277
4177	8.9	+00 06	16 34 49.282	1932.95	2	+0 3554	4244	7.5	-01 35	16 56 55.974	1933.42	2	-1 3278
4179	8.6	+00 11	16 35 22.194	1932.95	2	+0 3555	4245	9.0	-02 06	16 57 37.581	1932.46	2	-1 3279
4180	8.6	-02 18	16 35 50.162	1932.93	2	-2 4219	4246	9.0	+01 01	16 57 45.931	1933.43	2	+1 3357
4181	6.9	-01 06	16 36 08.998	1933.43	2	-0 3153	4248	9.0	-00 41	16 57 59.432	1932.97	2	-0 3208
4182	8.2	-01 03	16 36 14.574	1932.96	2	-0 3154	4247	9.0	+00 27	16 57 59.957	1933.77	3	+0 3611
4184	7.8	-01 37	16 36 48.439	1932.92	2	-1 3225	4251	9.2	+00 58	16 58 43.219	1932.95	2	+1 3362
4185	8.6	-01 42	16 38 00.799	1933.10	3	-1 3228	4252	9.1	+00 36	16 58 50.118	1932.97	2	+0 3613
4187	6.8	-00 52	16 38 45.480	1932.96	2	-0 3168	4254	8.6	-00 41	16 58 58.360	1933.42	2	-0 3211
4188	8.8	+00 38	16 38 56.415	1932.70	2	+0 3562	4255	9.0	-02 12	16 59 36.660	1932.93	2	-2 4291
4190	9.1	-02 03	16 39 20.073	1932.78	3	-1 3231	4256	9.2	-01 45	16 59 50.406	1933.44	3	-1 3285
4191	8.8	-00 34	16 39 31.290	1933.42	2	-0 3170	4257	9.2	+01 01	17 00 21.393	1932.95	2	+1 3368
4193	8.8	-01 40	16 40 03.301	1933.45	2	-1 3237	4258	9.3	+00 23	17 00 28.025	1932.97	2	+0 3621
4194	8.4	-01 59	16 40 07.884	1933.43	2	-1 3238	4259	8.8	+00 21	17 00 38.599	1932.95	2	+0 3622
4195	9.2	+00 10	16 40 16.325	1933.78	3	+0 3565	4260	7.1	-00 03	17 01 15.163	1932.45	3	+0 3624
4196	8.5	+00 39	16 40 16.539	1932.97	2	+0 3566	4261	9.0	+00 41	17 02 37.185	1932.95	2	+0 3627
4197	8.5	+00 12	16 40 30.635	1933.77	3	+0 3569	4262	8.9	-01 41	17 02 40.969	1932.94	2	-1 3290
4198	9.1	+00 03	16 40 48.237	1932.45	3	+0 3570	4263	6.5	+00 48	17 02 53.486	1932.96	2	+0 3629
4199	7.9	-00 39	16 41 16.278	1932.95	2	-0 3172	4264	5.8	-00 48	17 03 06.465	1932.98	2	-0 3224
4200	9.4	-00 24	16 41 29.297	1933.42	2	-0 3173	4265	9.1	+00 45	17 03 10.364	1932.93	2	+0 3630
4201	7.7	-00 26	16 41 55.181	1933.75	3	-0 3174	4266	8.7	+00 45	17 04 12.730	1932.94	2	+0 3633
4202	9.0	-00 13	16 42 22.171	1932.46	2	-0 3175	4268	8.8	-01 10	17 04 21.308	1932.97	2	-1 3291
4203	8.3	-00 29	16 42 37.173	1933.75	3	-0 3176	4267	9.0	-02 12	17 04 22.311	1932.95	2	-2 4302
4205	9.0	-01 27	16 43 06.656	1933.44	2	-1 3242	4271	8.9	+00 22	17 04 25.086	1933.43	2	+0 3635
4206	7.0	+01 09	16 43 08.420	1933.45	2	+1 3298	4272	9.2	+00 53	17 05 01.297	1932.94	2	+0 3637
4207	8.7	+00 12	16 43 11.025	1932.95	2	+0 3574	4273	8.7	-01 50	17 05 37.104	1933.42	2	-1 3295
4208	8.2	-00 38	16 43 20.659	1932.97	2	-0 3178	4274	6.5	-00 59	17 05 47.666	1932.95	2	-0 3230
4209	9.2	-01 08	16 43 24.611	1933.44	2	-1 3243	4275	8.8	-02 01	17 06 16.190	1932.95	2	-1 3296
4210	8.6	+01 07	16 43 33.113	1933.45	2	+1 3300	4276	9.0	+00 07	17 06 23.166	1932.97	2	+0 3641
4211	9.0	-00 42	16 43 56.043	1932.95	2	-0 3179	4277	9.2	+01 02	17 06 36.659	1933.44	2	+1 3390
4212	8.5	-01 14	16 43 57.851	1932.96	2	-1 3244	4279	9.0	+00 25	17 07 19.272	1932.96	2	+0 3645
4213	9.0	-00 39	16 44 04.770	1932.47	2	-0 3181	4280	8.6	+00 38	17 07 20.835	1933.43	2	+0 3646
4215	9.2	-00 56	16 45 25.036	1932.91	2	-0 3183	4278	8.5	+00 03	17 07 21.253	1933.44	3	+0 3644
4217	9.0	-01 01	16 45 51.244	1932.96	2	-0 3186	4281	9.0	-01 11	17 07 44.582	1932.93	2	-1 3299
4218	9.2	-00 51	16 46 02.043	1932.95	2	-0 3187	4282	8.0	-00 40	17 07 44.706	1932.96	2	-0 3234
4219	9.1	-01 45	16 46 13.107	1932.95	2	-1 3251	4283	7.0	+00 34	17 07 51.899	1932.96	2	+0 3649
4220	8.8	+00 07	16 46 45.546	1933.42	2	+0 3582	4284	9.2	-01 20	17 08 56.464	1932.96	2	-1 3301
4221	8.5	+00 03	16 46 54.619	1932.49	2	+0 3583	4285	9.1	-01 22	17 09 17.469	1933.44	2	-1 3302
4222	7.5	+01 01	16 47 02.320	1932.94	2	+1 3313	4286	9.0	+00 23	17 09 21.275	1932.96	2	+0 3651
4223	8.9	-00 27	16 47 24.820	1932.92	2	-0 3190	4287	8.2	-00 54	17 09 25.592	1932.96	2	-0 3239
4224	8.9	-01 55	16 47 35.712	1932.96	2	-1 3254	4289	9.0	-00 56	17 10 06.839	1932.96	2	-0 3243

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
4290	9.0	-02° 11'	17 ^h 10 ^m 23. ^s 252	1932.98	2	-2° 4313	4357	8.5	+00° 09'	17 ^h 30 ^m 54. ^s 922	1933.44	2	+0° 3717
4291	7.0	+00 26	17 10 31.979	1933.43	2	+0 3654	4358	8.8	-00 45	17 31 15.415	1933.56	2	-0 3317
4293	9.4	+00 46	17 10 58.483	1933.44	2	+0 3656	4359	8.9	-01 57	17 31 25.641	1932.95	2	-1 3356
4294	9.0	-01 16	17 12 17.848	1932.96	2	-1 3305	4360	8.6	-01 43	17 32 01.636	1932.95	2	-1 3358
4295	8.8	-01 00	17 12 59.599	1932.95	2	-0 3250	4361	9.1	-01 06	17 32 04.827	1933.44	2	-1 3360
4296	8.6	-01 13	17 13 19.278	1932.96	2	-1 3306	4362	8.5	+00 03	17 32 21.532	1932.96	2	+0 3721
4297	4.4	-00 22	17 14 11.678	1932.96	2	-0 3255	4363	8.0	-01 34	17 32 25.726	1933.08	2	-1 3362
4298	8.8	-00 53	17 15 32.121	1932.94	2	-0 3259	4365	8.7	+01 02	17 33 27.561	1932.95	2	+1 3463
4299	9.0	-01 13	17 15 39.050	1932.95	2	-1 3309	4366	8.4	-02 09	17 34 09.103	1933.53	3	-2 4408
4300	8.5	-00 42	17 15 49.318	1932.96	2	-0 3260	4367	9.1	+01 00	17 34 24.517	1933.44	2	+1 3469
4301	8.5	-01 26	17 16 12.891	1932.96	2	-1 3312	4368	9.0	-01 49	17 34 31.947	1933.56	2	-1 3366
4302	8.6	+01 04	17 16 20.412	1932.96	2	+1 3415	4369	8.8	-01 00	17 35 07.514	1932.95	2	-0 3327
4303	9.0	+00 39	17 16 31.640	1932.94	2	+0 3670	4370	9.0	-01 36	17 35 15.256	1933.07	2	-1 3367
4304	8.0	-00 15	17 16 35.188	1932.95	2	-0 3265	4371	8.8	-01 07	17 35 48.665	1932.95	2	-1 3368
4305	9.1	-01 31	17 17 55.932	1932.80	3	-1 3316	4372	9.2	-01 19	17 36 07.737	1933.06	2	-1 3370
4306	9.1	-02 00	17 18 19.571	1932.97	2	-1 3317	4373	9.2	-00 58	17 36 25.639	1932.97	2	-0 3330
4307	8.9	-00 10	17 18 34.688	1932.96	2	-0 3267	4375	9.2	+00 40	17 36 59.206	1932.96	2	+0 3744
4308	9.0	-00 29	17 18 39.625	1932.96	2	-0 3268	4376	9.0	-01 17	17 37 13.137	1932.97	2	-1 3373
4309	8.6	-00 35	17 18 54.082	1932.94	2	-0 3269	4377	8.8	+00 19	17 37 18.670	1932.97	2	+0 3746
4310	8.7	-00 42	17 19 03.138	1932.96	2	-0 3270	4378	6.8	-00 36	17 37 33.849	1933.55	2	-0 3338
4312	9.0	-01 29	17 19 16.281	1932.80	3	-0 3271	4379	8.8	+00 47	17 37 35.938	1933.56	2	+0 3748
4311	9.2	-01 51	17 19 19.600	1932.94	2	-1 3318	4380	6.3	-02 07	17 37 45.896	1933.56	2	-2 4425
4313	8.4	-00 50	17 20 18.737	1932.96	2	-0 3272	4381	9.0	-01 11	17 38 04.750	1932.74	4	-1 3374
4314	9.1	+00 56	17 20 32.143	1932.96	2	+1 3425	4382	8.9	-00 58	17 38 05.574	1933.06	2	-0 3341
4315	7.7	+00 54	17 20 38.908	1932.95	2	+0 3678	4383	9.0	-00 45	17 38 26.744	1933.44	2	-0 3344
4316	8.9	-00 39	17 21 19.243	1932.45	3	-0 3273	4384	9.0	-01 53	17 38 37.642	1932.95	2	-1 3376
4317	8.8	-00 46	17 21 32.157	1932.97	2	-0 3275	4385	8.2	-01 22	17 38 40.786	1933.56	2	-1 3377
4318	9.0	+00 34	17 21 42.650	1932.97	2	+0 3681	4386	9.0	+00 05	17 39 07.581	1933.45	2	+0 3754
4319	9.1	-00 32	17 21 58.649	1933.44	2	-0 3276	4387	8.4	-00 39	17 39 15.322	1933.55	2	-0 3346
4321	9.0	+00 14	17 22 45.311	1933.12	3	+0 3684	4388	9.2	-01 51	17 39 17.273	1933.15	3	-1 3379
4322	7.0	-01 36	17 23 32.236	1933.44	2	-1 3329	4389	9.2	-02 06	17 40 21.969	1933.44	2	-2 4435
4323	9.0	-00 06	17 23 50.471	1933.44	2	-0 3281	4390	8.9	+00 40	17 40 30.281	1933.46	2	+0 3760
4325	7.2	+00 53	17 24 10.034	1933.56	2	+0 3690	4391	9.0	+01 06	17 41 06.764	1933.58	2	+1 3488
4324	9.2	-00 03	17 24 10.091	1933.44	2	+0 3689	4392	8.8	-01 58	17 41 13.255	1933.59	2	-1 3383
4326	7.9	-00 57	17 24 15.540	1933.58	2	-0 3283	4393	8.0	-01 47	17 41 35.213	1933.57	2	-1 3384
4327	8.5	-00 08	17 24 22.642	1933.47	2	-0 3285	4394	8.0	+00 23	17 41 47.868	1933.57	2	+0 3763
4328	9.1	+00 20	17 24 27.028	1933.46	2	+0 3692	4395	9.0	-02 03	17 41 59.274	1933.15	3	-2 4439
4329	8.8	-00 12	17 24 45.796	1933.46	2	-0 3286	4396	8.0	-01 43	17 42 16.270	1933.56	2	-1 3386
4332	9.2	-00 17	17 25 27.879	1932.97	2	-0 3290	4397	8.5	-00 06	17 42 27.759	1933.58	2	-0 3352
4333	9.4	+00 24	17 26 22.879	1932.95	2	+0 3696	4398	9.1	-01 27	17 42 45.982	1933.44	2	-1 3387
4334	5.7	+00 23	17 26 25.927	1933.07	2	+0 3697	4399	9.0	-00 24	17 42 56.449	1933.60	3	-0 3353
4335	9.2	-02 04	17 26 45.221	1933.44	2	-1 3340	4400	9.0	+00 51	17 42 59.338	1934.65	2	+0 3765
4338	8.6	+00 59	17 26 49.303	1933.06	2	+1 3440	4401	8.9	+00 06	17 43 05.162	1932.94	2	+0 3766
4339	9.0	-00 01	17 26 54.215	1933.45	2	+0 3700	4402	8.9	-01 08	17 43 50.541	1933.44	2	-1 3388
4340	8.0	-00 07	17 27 08.006	1933.08	2	-0 3296	4403	6.8	+01 04	17 44 03.653	1933.54	2	+1 3501
4341	9.0	-01 12	17 27 18.499	1933.45	2	-1 3343	4404	9.0	-01 11	17 44 16.191	1933.77	3	-1 3389
4342	9.3	-02 06	17 27 30.297	1933.47	2	-2 4373	4405	7.8	-01 42	17 44 28.434	1933.56	2	-1 3391
4343	8.6	-01 15	17 27 31.412	1933.45	2	-1 3345	4406	9.2	-01 01	17 44 43.190	1933.45	2	-0 3359
4345	9.0	-00 59	17 27 40.984	1933.58	2	-0 3298	4407	8.9	-01 05	17 44 56.155	1933.46	2	-1 3392
4347	5.5	-01 00	17 27 58.859	1933.21	3	-0 3300	4408	8.8	-01 15	17 44 57.143	1933.58	2	-1 3393
4348	9.0	-00 22	17 28 00.014	1933.45	2	-0 3299	4409	9.0	-01 30	17 45 08.660	1933.06	2	-1 3394
4350	9.0	+00 35	17 28 18.017	1933.44	2	-2 4374	4410	9.2	-01 59	17 45 38.375	1933.56	2	-1 3396
4351	7.5	+01 10	17 28 30.475	1933.46	2	+1 3449	4411	9.2	-01 34	17 45 51.296	1933.14	3	-1 3397
4352	9.0	-00 18	17 28 54.138	1932.93	2	-0 3305	4412	7.6	-01 00	17 45 51.701	1933.57	2	-0 3361
4353	7.0	+00 06	17 29 33.212	1932.95	2	+0 3709	4414	8.8	+00 35	17 45 59.073	1933.57	2	+0 3779
4354	8.2	+00 35	17 29 32.798	1932.97	2	+0 3710	4415	9.1	+01 04	17 46 02.210	1933.59	2	+1 3513
4355	9.0	-00 29	17 30 05.767	1932.95	2	-0 3309	4416	8.0	-02 11	17 46 10.683	1933.58	2	-2 4458
4356	9.3	-02 02	17 30 44.256	1932.94	2	-1 3355	4417	8.8	+01 11	17 46 22.868	1933.59	2	+1 3516

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
4418	8.8	-01° 51'	17 ^h 46 ^m 27. ^s 944	1933.58	2	-1° 3400	4481	9.0	-01° 45'	18 ^h 02 ^m 21. ^s 053	1933.08	2	-1° 3440
4419	8.6	+00 19	17 46 55.556	1933.07	2	+0 3784	4482	9.1	+00 50	18 02 22.053	1933.45	2	+0 3848
4420	8.8	+00 27	17 47 00.106	1933.09	2	+0 3785	4483	9.2	-01 44	18 03 00.347	1933.08	2	-1 3443
4421	7.5	+00 56	17 47 10.811	1933.07	2	+0 3786	4484	8.5	-01 58	18 03 04.937	1933.07	2	-1 3444
4422	9.1	-00 45	17 47 14.440	1933.08	2	-0 3365	4485	8.6	+01 08	18 03 03.895	1933.57	2	+1 3583
4423	9.2	-01 36	17 47 26.935	1933.13	2	-1 3403	4486	8.4	-00 02	18 03 08.951	1933.58	2	-0 3411
4424	8.5	+00 32	17 47 33.247	1933.06	2	+0 3789	4487	9.0	-01 28	18 03 24.883	1933.58	2	-1 3446
4425	8.2	-00 40	17 47 44.405	1933.55	2	-0 3366	4488	9.0	-00 22	18 03 42.242	1933.58	2	-0 3412
4426	9.0	-00 32	17 48 58.849	1932.94	2	-0 3371	4489	6.5	-00 27	18 03 44.130	1933.58	2	-0 3414
4427	9.1	-01 08	17 49 02.013	1932.81	3	-1 3411	4490	8.8	+01 08	18 03 48.742	1933.13	3	+1 3587
4428	9.0	+00 38	17 49 06.933	1933.05	2	+0 3795	4491	9.0	-01 10	18 04 02.505	1933.58	2	-1 3448
4429	6.8	-01 13	17 49 33.098	1932.97	2	-1 3412	4493	9.2	-01 16	18 04 31.792	1933.58	2	-1 3450
4430	7.5	+01 07	17 49 37.990	1933.08	2	+1 3525	4494	8.5	-01 47	18 04 40.663	1933.58	2	-1 3451
4431	7.0	+01 08	17 49 44.058	1933.53	3	+1 3526	4495	9.2	-00 20	18 04 40.971	1933.06	2	-0 3418
4432	7.3	-01 25	17 50 57.430	1933.58	2	-1 3413	4496	9.0	-02 03	18 04 45.410	1933.58	2	-2 4551
4433	8.9	-01 30	17 50 09.152	1933.55	2	-1 3414	4498	9.2	-02 03	18 05 41.391	1932.96	2	-2 4556
4434	8.8	-00 06	17 50 10.261	1933.57	2	-0 3374	4499	9.2	+00 06	18 06 04.522	1933.57	2	+0 3857
4435	8.5	-00 01	17 50 28.913	1933.55	2	-0 3375	4500	8.5	-01 30	18 06 07.887	1933.58	2	-1 3453
4436	8.9	+00 21	17 50 34.453	1933.08	2	+0 3799	4501	8.5	+00 42	18 06 15.146	1933.58	2	+0 3859
4437	9.2	+01 07	17 50 44.542	1932.80	3	+1 3531	4503	8.0	+00 23	18 07 06.440	1932.87	3	+0 3865
4438	8.6	-02 04	17 50 52.177	1933.08	2	-2 4485	4504	8.9	-01 09	18 07 16.867	1933.56	2	-1 3455
4439	9.3	-00 59	17 50 51.832	1933.09	2	-0 3377	4505	9.0	+00 48	18 07 19.437	1933.57	2	+0 3866
4440	9.1	-00 52	17 51 33.780	1933.55	2	-0 3380	4506	9.2	+00 24	18 07 24.295	1933.57	2	+0 3867
4441	8.8	+00 37	17 51 35.804	1933.93	3	+0 3803	4507	7.8	+00 32	18 08 02.979	1933.93	3	+0 3870
4442	9.0	+00 38	17 51 34.544	1933.22	3	+0 3804	4509	9.2	+00 47	18 08 04.179	1933.57	2	+0 3871
4444	8.6	+00 43	17 51 43.613	1933.58	2	+0 3805	4508	9.4	-01 46	18 08 07.319	1933.58	2	-1 3456
4445	8.6	-01 43	17 52 42.133	1933.08	2	-1 3418	4511	9.1	+00 33	18 08 17.483	1933.61	2	+0 3872
4446	9.2	-00 13	17 52 39.733	1932.80	2	-0 3382	4513	9.0	-00 01	18 08 35.593	1933.07	2	-0 3432
4447	8.3	+00 41	17 52 59.172	1933.55	2	+0 3807	4512	9.2	+00 29	18 08 35.659	1933.92	3	+0 3873
4448	8.9	+00 29	17 53 23.063	1933.44	2	+0 3810	4514	7.8	-00 41	18 08 52.692	1933.58	2	-0 3434
4449	8.9	-00 52	17 53 33.645	1933.56	2	-0 3385	4515	9.0	-01 53	18 09 04.538	1933.46	2	-1 3457
4450	8.7	-01 24	17 53 42.470	1933.57	2	-1 3419	4516	8.7	+01 06	18 09 08.659	1933.58	2	+1 3614
4451	9.0	-01 28	17 53 52.114	1933.58	2	-1 3421	4517	9.2	+00 47	18 09 20.821	1933.57	2	+0 3877
4452	9.2	+00 46	17 53 56.287	1933.58	2	+0 3812	4518	9.0	+00 06	18 09 23.653	1933.58	2	+0 3876
4454	9.2	-01 23	17 54 11.092	1933.20	3	-1 3423	4520	8.9	-00 47	18 10 31.190	1933.56	2	-0 3440
4455	6.5	+00 04	17 54 41.586	1933.56	2	+0 3816	4521	7.6	-01 44	18 10 48.922	1933.08	2	-1 3461
4456	8.9	+00 12	17 54 56.461	1933.06	2	+0 3820	4522	9.4	-00 47	18 10 59.054	1933.86	3	-0 3443
4457	9.0	-01 34	17 55 14.582	1933.46	2	-1 3425	4523	8.0	+00 40	18 11 19.884	1933.07	2	+0 3883
4460	9.1	-01 58	17 55 55.866	1933.58	2	-1 3427	4524	9.0	+00 04	18 11 31.268	1933.57	2	+0 3884
4461	9.4	-00 28	17 56 12.911	1933.58	2	-0 3392	4526	9.0	+00 27	18 11 43.068	1933.58	2	+0 3887
4462	8.9	-00 35	17 56 15.813	1933.57	2	-0 3393	4527	9.0	+00 23	18 12 03.446	1933.56	2	+0 3890
4463	9.0	+00 34	17 57 02.750	1933.20	3	+0 3827	4529	8.8	+01 08	18 12 35.546	1933.07	2	+1 3632
4464	8.8	+00 01	17 57 07.291	1933.07	2	+0 3829	4530	8.6	+00 11	18 13 09.017	1933.57	2	+0 3898
4465	8.7	-01 10	17 57 29.238	1933.43	2	-1 3431	4531	9.1	-00 59	18 14 06.063	1932.60	2	-1 3462
4466	9.0	-01 41	17 57 49.361	1933.58	2	-1 3432	4532	9.1	-01 51	18 14 42.919	1933.07	2	-1 3463
4467	8.8	+00 10	17 57 52.809	1933.59	2	+0 3831	4533	7.0	+00 59	18 14 43.096	1933.55	2	+0 3907
4468	7.5	+00 38	17 57 53.817	1933.59	2	+0 3832	4534	8.9	-01 15	18 15 00.726	1933.56	2	-1 3465
4469	9.0	-02 02	17 58 32.845	1933.57	2	-2 4530	4535	9.0	-02 00	18 15 16.019	1933.56	2	-2 4587
4470	8.0	+00 06	17 59 08.544	1933.55	2	+0 3837	4536	7.5	-01 30	18 15 16.124	1933.08	2	-1 3468
4471	4.8	+01 18	17 59 24.264	1933.56	2	+1 3560	4537	8.0	-02 04	18 15 35.492	1933.57	2	-2 4588
4472	9.2	-02 08	17 59 28.135	1932.92	5	-2 4533	4538	7.6	-01 22	18 15 40.714	1933.58	2	-1 3469
4473	9.3	+00 09	17 59 50.554	1934.59	2	+0 3838	4539	9.3	+00 49	18 15 44.981	1933.58	2	+0 3910
4474	9.1	+00 52	17 59 48.325	1933.59	3	+0 3839	4540	8.8	-00 54	18 15 58.424	1933.56	2	-0 3458
4476	8.4	-01 20	18 00 22.690	1933.57	2	-1 3435	4541	8.5	-01 57	18 16 05.874	1933.56	2	-1 3470
4477	9.2	-01 30	18 00 24.088	1933.46	2	-1 3436	4542	8.9	+00 43	18 16 16.214	1933.10	2	+0 3913
4478	9.0	-00 28	18 00 37.847	1933.58	2	-0 3404	4544	8.2	+00 49	18 17 00.781	1932.60	2	+0 3918
4479	8.8	+01 08	18 00 50.632	1933.56	2	+1 3568	4545	9.0	-01 58	18 17 25.653	1933.56	2	-1 3474
4480	9.4	-01 36	18 01 31.293	1932.80	2	-1 3437	4546	9.3	-00 46	18 18 01.755	1933.57	2	-0 3462

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
4547	8.5	-00° 28'	18 ^h 18 ^m 22. ^s 514	1933.58	2	-0° 3465	4614	8.0	-01° 31'	18 ^h 30 ^m 42. ^s 454	1933.10	2	-1° 3508
4548	9.0	-00 49	18 18 51.625	1933.56	2	-0 3466	4615	9.0	-01 53	18 30 45.876	1933.08	2	-1 3509
4549	9.1	-01 34	18 19 10.971	1933.58	2	-1 3475	4616	9.2	-00 59	18 30 48.555	1933.56	2	-1 3510
4550	8.9	-02 04	18 19 12.083	1933.59	2	-2 4602	4617	8.8	-02 06	18 31 40.153	1932.60	2	-2 4655
4551	8.4	+01 05	18 19 26.186	1933.59	2	+1 3655	4618	8.6	-00 44	18 31 54.615	1933.10	2	-0 3508
4552	7.8	+00 07	18 19 46.085	1933.58	2	+0 3923	4619	8.5	-01 58	18 32 16.966	1933.11	2	-1 3517
4553	7.5	-01 14	18 19 59.171	1933.58	2	-1 3476	4620	9.1	-00 41	18 32 18.247	1933.10	2	-0 3509
4554	9.0	+01 01	18 20 00.258	1933.56	2	+0 3924	4621	8.2	-00 01	18 32 43.643	1933.12	2	-0 3513
4555	8.8	-00 47	18 20 03.036	1933.57	2	-0 3469	4622	9.0	-00 24	18 33 39.202	1932.60	2	-0 3517
4556	9.0	-00 08	18 20 04.749	1933.59	2	-0 3470	4623	9.0	-01 24	18 33 47.795	1933.12	2	-1 3521
4557	9.0	+00 15	18 20 08.741	1934.67	2	+0 3925	4624	9.5	-00 38	18 34 08.213	1933.57	2	-0 3518
4558	9.0	-01 31	18 20 26.344	1934.69	2	-1 3478	4625	9.0	-02 01	18 34 11.864	1933.59	2	-2 4669
4560	8.6	+00 18	18 21 06.574	1933.56	2	+0 3926	4626	9.2	-00 33	18 34 19.024	1933.58	2	-0 3519
4561	7.8	-01 11	18 21 25.111	1933.57	2	-1 3481	4627	7.0	+00 54	18 34 46.255	1933.11	2	+0 3975
4562	9.1	-02 04	18 21 27.783	1933.08	2	-2 4611	4628	8.9	-00 59	18 34 49.937	1933.10	2	-1 3524
4563	8.9	+00 46	18 21 34.726	1933.57	2	+0 3927	4629	6.0	-00 22	18 35 10.826	1933.12	2	-0 3521
4564	8.8	-00 02	18 21 39.396	1933.58	2	-0 3474	4631	8.8	-01 53	18 35 31.492	1933.29	3	-1 3526
4565	8.8	+00 25	18 21 55.100	1933.58	2	+0 3928	4633	9.0	+00 50	18 35 33.688	1933.22	3	+0 3979
4566	7.8	-01 06	18 21 59.279	1933.58	2	-1 3482	4634	8.1	+00 20	18 35 47.026	1932.91	3	+0 3982
4568	9.2	-00 01	18 22 09.726	1934.12	4	-0 3477	4635	6.5	-01 11	18 35 52.793	1933.12	2	-1 3529
4569	9.3	-01 01	18 22 13.323	1933.59	2	-1 3484	4636	9.0	-02 06	18 36 09.004	1933.10	2	-2 4683
4570	7.2	-01 55	18 22 17.612	1933.59	2	-1 3485	4638	9.1	+00 59	18 36 14.520	1933.10	2	+0 3984
4571	8.5	-02 04	18 22 25.392	1933.08	2	-2 4615	4639	8.9	-01 10	18 36 43.351	1933.61	3	-1 3531
4572	6.5	-01 37	18 22 32.049	1933.59	2	-1 3486	4641	8.2	+00 02	18 36 45.259	1933.11	2	-0 3526
4573	9.0	-01 35	18 22 32.594	1932.49	2	-1 3487	4642	9.0	+00 16	18 36 58.255	1933.58	2	+0 3985
4574	9.2	-00 00	18 22 38.645	1934.67	2	-0 3478	4643	8.0	+00 05	18 37 14.364	1932.62	2	+0 3989
4575	9.1	-01 19	18 22 53.287	1933.58	2	-1 3489	4644	8.4	-01 21	18 37 23.441	1933.12	2	-1 3534
4576	9.4	-00 49	18 23 06.511	1933.95	3	-0 3479	4645	7.9	+01 13	18 37 41.614	1933.13	2	+1 3743
4577	9.2	-01 51	18 23 19.239	1933.62	2	-0 3481	4646	8.9	-00 55	18 37 57.557	1933.10	2	-0 3529
4578	8.2	-01 43	18 23 35.253	1933.07	2	-1 3490	4647	9.0	-01 55	18 38 25.277	1933.56	2	-1 3535
4579	7.6	+00 44	18 23 40.111	1933.09	2	+0 3931	4648	8.8	+00 58	18 38 22.711	1933.10	2	+0 3991
4580	8.4	-00 14	18 24 12.732	1933.56	2	-0 3484	4649	8.2	-01 54	18 38 49.792	1933.28	3	-1 3539
4581	9.2	-00 09	18 24 21.618	1933.08	2	-0 3485	4650	7.6	+00 30	18 39 01.354	1932.60	2	+0 3993
4582	8.8	-01 31	18 24 44.775	1933.57	2	-1 3492	4652	9.1	-01 22	18 39 40.571	1933.10	2	-1 3542
4583	var	+00 09	18 24 47.724	1932.91	3	+0 3936	4653	7.8	-01 03	18 39 41.995	1933.12	2	-1 3543
4584	9.0	+01 04	18 24 51.946	1933.57	2	+1 3676	4654	8.5	+00 05	18 39 53.237	1933.10	2	+0 3995
4586	8.8	+00 09	18 25 27.474	1933.58	2	+0 3940	4655	9.0	+01 10	18 39 52.181	1933.11	2	+1 3755
4587	8.6	-01 08	18 25 28.630	1933.08	2	-1 3497	4656	8.2	-01 23	18 40 03.856	1933.31	3	-1 3544
4588	8.1	+00 45	18 26 13.853	1933.56	2	+0 3943	4657	8.7	-02 02	18 40 30.728	1933.58	2	-2 4717
4589	9.1	-01 16	18 26 38.948	1933.57	2	-1 3498	4659	8.0	-01 43	18 40 52.765	1933.58	2	-1 3549
4590	9.1	+00 24	18 26 43.253	1933.57	2	+0 3945	4660	9.0	-00 38	18 41 01.056	1933.58	2	-0 3538
4591	8.8	-00 51	18 26 49.709	1933.07	2	-0 3492	4661	7.2	-01 38	18 41 10.329	1933.14	2	-1 3551
4592	8.4	+00 17	18 26 54.273	1933.58	2	+0 3947	4662	9.0	-00 19	18 41 18.510	1933.09	2	-0 3539
4593	8.4	-01 11	18 27 06.206	1933.58	2	-1 3499	4663	8.9	-01 39	18 41 30.494	1933.56	2	-1 3552
4594	6.0	-02 02	18 27 13.202	1933.14	2	-2 4641	4664	8.1	-00 18	18 41 30.498	1933.58	2	-0 3540
4595	9.0	+00 16	18 27 22.432	1933.58	2	+0 3948	4665	8.2	-01 38	18 41 47.665	1933.63	3	-1 3553
4597	8.2	+01 08	18 27 36.813	1933.58	2	+1 3689	4666	9.2	-01 46	18 42 12.303	1934.66	3	-1 3554
4600	9.2	-01 10	18 28 04.019	1933.57	2	+1 3694	4667	8.8	-01 52	18 42 09.507	1933.13	2	-1 3555
4601	9.2	+00 40	18 28 05.362	1933.58	2	+0 3951	4668	8.4	+00 05	18 42 11.861	1933.10	2	+0 4005
4602	8.5	+00 20	18 28 14.856	1933.58	2	+0 3952	4670	7.2	-00 27	18 42 29.082	1932.62	2	-0 3543
4607	8.5	-00 20	18 29 00.936	1933.07	2	-0 3502	4669	9.2	-00 30	18 42 31.663	1933.58	2	-0 3542
4606	7.8	-01 41	18 29 01.714	1933.12	2	-1 3503	4671	8.6	-01 09	18 42 50.468	1933.10	2	-1 3557
4608	9.2	-00 40	18 29 05.459	1933.08	2	-0 3503	4672	9.0	-02 03	18 43 18.839	1933.56	2	-2 4732
4609	6.5	-01 03	18 29 30.703	1933.12	2	-1 3504	4673	8.5	-00 20	18 43 21.676	1933.58	2	-0 3546
4610	8.5	+00 31	18 30 19.229	1933.57	2	+0 3960	4674	9.1	-00 20	18 43 36.699	1933.12	2	-0 3548
4611	8.6	-02 05	18 30 25.595	1933.58	2	-2 4650	4675	8.9	-00 46	18 44 01.001	1933.12	2	-0 3550
4612	8.8	-02 00	18 30 27.366	1933.10	2	-2 4651	4677	8.0	-01 03	18 44 03.158	1933.13	2	-1 3559
4613	8.9	-00 23	18 30 32.266	1933.58	2	-0 3505	4676	6.2	-01 02	18 44 04.864	1933.56	2	-1 3559

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
4678	8.8	+00°48'	18 ^h 44 ^m 07. ^s 292	1933.28	3	+0°4018	4741	9.1	-01° 43'	18 ^h 56 ^m 16. ^s 204	1933.10	2	-1° 3610
4679	9.0	-02 06	18 44 22.030	1933.56	2	-2 4737	4742	8.8	-00 36	18 56 31.534	1933.08	2	-0 3614
4680	8.4	-00 19	18 45 19.774	1933.09	2	-0 3555	4743	8.8	-01 28	18 56 51.806	1933.11	2	-1 3613
4682	9.4	+00 01	18 45 25.065	1933.12	2	-0 3557	4744	9.0	-01 49	18 56 58.771	1933.12	2	-1 3614
4683	8.9	-00 29	18 45 55.539	1933.12	2	-0 3559	4745	9.1	-01 57	18 57 01.312	1933.12	2	-2 4813
4684	9.4	-00 07	18 46 12.730	1933.13	2	-0 3560	4746	9.0	-00 44	18 57 45.772	1932.60	2	-0 3622
4685	8.5	+00 27	18 46 17.054	1933.12	2	+0 4023	4747	9.1	+00 56	18 58 12.764	1933.08	2	-1 3620
4686	9.2	+00 03	18 46 34.481	1933.12	2	-0 3562	4748	9.0	-00 20	18 58 17.225	1932.90	3	-0 3625
4687	8.9	+00 13	18 46 38.150	1933.07	2	+0 4026	4750	7.3	-00 33	18 58 20.049	1933.12	2	-0 3626
4689	8.6	-00 29	18 46 55.869	1933.31	3	-0 3563	4751	9.2	-01 50	18 58 57.438	1933.11	2	-1 3622
4690	8.2	-00 05	18 46 57.193	1933.10	2	-0 3564	4753	9.0	-02 02	18 59 14.858	1933.07	2	-2 4827
4691	6.5	+00 45	18 47 13.824	1933.13	2	+0 4027	4754	8.8	+00 36	18 59 38.000	1933.07	2	+0 4082
4692	9.2	+00 27	18 47 33.899	1933.56	2	+0 4028	4755	9.3	+00 21	19 00 15.837	1933.09	2	+0 4085
4694	8.8	-00 01	18 47 56.028	1933.11	2	-0 3569	4756	8.6	-00 49	19 00 18.884	1933.09	2	-0 3631
4696	8.7	-00 27	18 48 13.763	1933.10	2	-0 3570	4757	8.7	-00 49	19 00 20.365	1933.11	2	-0 3632
4695	9.1	-01 54	18 48 15.248	1933.12	2	-1 3574	4758	9.1	+00 25	19 00 25.260	1933.10	2	+0 4087
4697	9.0	-00 39	18 48 22.228	1932.61	2	-0 3571	4759	7.5	+00 28	19 00 57.511	1933.62	3	+0 4088
4698	8.6	+00 10	18 48 36.673	1933.14	2	+0 4033	4760	8.8	-00 10	19 01 12.416	1933.09	2	-0 3635
4699	9.2	-00 09	18 48 41.234	1933.59	2	-0 3572	4761	8.5	-01 18	19 01 18.983	1933.12	2	-1 3631
4700	9.0	-00 42	18 48 50.374	1933.59	2	-0 3574	4762	8.8	-01 58	19 01 21.191	1932.62	2	-2 4839
4701	8.0	+00 45	18 48 52.881	1933.10	2	+0 4035	4763	8.9	+00 39	19 01 21.681	1933.13	2	+0 4090
4702	8.9	-01 39	18 49 07.204	1933.09	2	-1 3580	4764	8.2	-00 54	19 01 33.587	1933.10	2	-1 3635
4703	9.0	-02 04	18 49 12.784	1933.58	2	-2 4762	4765	8.4	-00 38	19 01 49.299	1933.12	2	-0 3638
4704	8.2	-01 08	18 49 16.961	1934.68	2	-1 3581	4766	8.2	-00 24	19 01 51.612	1932.91	3	-0 3639
4705	8.8	-01 51	18 49 17.727	1934.36	3	-1 3582	4767	8.7	+01 12	19 02 16.903	1933.12	2	+1 3877
4706	9.2	+00 30	18 49 18.238	1934.21	2	+0 4037	4768	8.8	+01 15	19 02 24.047	1933.11	2	+1 3879
4709	8.2	-00 02	18 49 33.493	1932.60	2	-0 3579	4769	8.9	+00 08	19 02 31.286	1933.10	2	+0 4096
4708	8.1	-00 18	18 48 41.873	1933.12	2	-0 3578	4770	9.1	-00 43	19 02 37.329	1933.59	2	-0 3643
4710	9.0	-01 47	18 50 50.752	1933.08	2	-1 3587	4771	7.5	-01 03	19 02 49.875	1933.11	2	-1 3641
4711	9.2	-00 40	18 51 05.580	1933.11	2	-0 3583	4773	9.1	-00 41	19 03 00.465	1934.36	3	-0 3644
4712	7.8	+00 47	18 51 04.826	1933.09	2	+0 4045	4774	9.0	-00 36	19 03 11.390	1934.36	3	-0 3646
4713	9.4	-01 47	18 51 22.932	1933.10	2	-1 3589	4775	8.5	-00 48	19 03 31.101	1933.58	2	-0 3648
4714	8.8	-01 24	18 51 38.968	1933.10	2	-1 3591	4776	8.5	-00 57	19 03 37.666	1933.13	2	-1 3645
4715	8.4	-01 38	18 51 46.789	1933.13	2	-1 3592	4777	9.2	-01 51	19 03 47.414	1934.67	2	-1 3646
4716	9.2	-01 29	18 51 47.245	1933.13	2	-2 4779	4778	8.9	-01 07	19 03 50.049	1934.68	2	-1 3647
4717	9.0	-01 08	18 52 00.077	1933.13	2	-1 3594	4779	8.4	-01 14	19 03 53.298	1934.67	2	-1 3648
4718	9.0	-01 23	18 52 09.024	1933.13	2	-1 3595	4780	7.0	-01 27	19 04 13.777	1934.68	2	-1 3649
4719	9.0	-00 50	18 52 13.667	1933.09	4	-0 3590	4782	9.0	+00 36	19 04 31.411	1934.22	2	+0 4103
4720	9.1	+01 06	18 52 29.620	1933.55	2	+1 3816	4781	8.0	-01 51	19 04 33.879	1934.36	3	-1 3653
4722	9.0	-01 58	18 52 38.172	1933.10	2	-2 4782	4783	7.0	+00 32	19 04 45.519	1933.12	2	+0 4106
4724	9.1	-00 15	18 53 22.623	1933.13	2	+0 4054	4784	7.5	-01 14	19 05 01.953	1933.63	3	-1 3657
4723	8.2	+00 10	18 53 22.691	1933.11	2	+0 4055	4785	9.0	-01 51	19 05 16.102	1934.36	3	-1 3659
4725	8.2	-00 50	18 53 30.924	1934.68	2	-0 3595	4786	9.1	-01 24	19 05 18.674	1933.12	2	-1 3660
4726	9.0	-00 40	18 53 49.868	1934.68	2	-0 3597	4787	9.0	+01 07	19 05 21.542	1933.14	2	+1 3896
4727	8.0	-00 54	18 53 57.088	1934.68	2	-0 3599	4789	8.4	-01 23	19 05 30.174	1933.10	2	-1 3662
4728	6.8	-01 54	18 54 00.475	1934.69	2	-1 3602	4788	9.2	+01 07	19 05 31.708	1934.66	3	-1 3897
4729	9.5	+00 30	18 54 01.357	1934.67	2	+0 4056	4790	7.7	+01 11	19 05 51.632	1933.10	2	+1 3899
4730	8.6	+00 53	18 54 09.271	1934.69	2	+0 4059	4791	8.2	+01 14	19 06 39.659	1933.31	3	+1 3905
4731	8.5	-00 53	18 54 30.368	1933.91	4	-0 3603	4792	9.3	-01 50	19 06 48.715	1933.11	2	-1 3668
4732	8.8	+00 29	18 54 31.855	1934.66	3	+0 4061	4793	9.2	+01 07	19 07 00.110	1933.10	2	+1 3909
4733	9.0	-00 55	18 55 00.109	1933.90	4	-1 3607	4794	9.0	+00 49	19 07 14.725	1933.12	2	+0 4118
4734	7.8	-00 37	18 55 10.749	1933.12	2	-0 3607	4795	9.0	+01 07	19 07 19.681	1933.11	2	+1 3911
4735	9.0	+01 07	18 55 17.807	1933.10	2	+1 3832	4796	9.0	-00 24	19 07 25.082	1933.12	2	-0 3660
4736	9.1	-02 02	18 55 23.837	1933.08	2	-2 8404	4797	7.1	-00 33	19 07 26.465	1933.13	2	-0 3662
4737	9.0	-00 07	18 55 55.982	1932.62	2	-0 3609	4798	8.7	-00 41	19 07 34.897	1934.22	2	-0 3663
4740	7.0	+01 06	18 56 03.088	1933.10	2	+1 3837	4800	9.0	-00 33	19 07 42.701	1933.12	2	-0 3644
4739	8.1	-00 17	18 56 03.875	1933.13	2	-0 3610	4801	7.8	+00 49	19 07 44.196	1933.12	2	+0 4122
4738	8.2	-01 41	18 56 05.030	1933.10	2	-1 3609	4799	8.6	-01 11	19 07 44.313	1933.64	3	-1 3677

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
4803	7.9	-00° 49'	19 ^h 08 ^m 12. ^s 422	1934.23	2	-0° 3666	4861	7.8	+00° 15'	19 ^h 19 ^m 57. ^s 028	1933.13	2	+0° 4186
4804	8.8	+00 34	19 08 13.597	1934.37	3	+0 4124	4863	9.0	+00 34	19 20 07.848	1933.12	2	+0 4189
4805	8.9	+00 36	19 08 56.665	1933.12	2	+0 4126	4864	8.9	-00 25	19 20 15.270	1933.13	2	-0 3726
4806	8.8	-00 11	19 09 08.950	1932.62	2	-0 3672	4865	9.1	-01 54	19 20 23.570	1934.21	2	-2 4964
4807	8.8	+00 47	19 09 41.897	1933.10	2	+0 4133	4866	9.1	-01 54	19 20 30.189	1933.08	2	-1 3726
4808	8.8	-00 00	19 09 54.917	1933.35	4	-0 3674	4867	9.3	+00 02	19 20 31.711	1933.21	2	-0 3728
4809	8.9	+01 15	19 10 00.148	1933.12	2	+1 3927	4868	8.9	-01 30	19 21 04.820	1933.09	2	-1 3730
4810	9.1	+00 26	19 10 52.028	1933.12	2	+0 4139	4869	8.0	-00 41	19 21 06.324	1933.11	2	-0 3731
4811	8.7	-01 57	19 11 20.496	1933.11	2	-2 4897	4870	9.0	-02 00	19 21 47.769	1932.61	2	-2 4974
4813	8.6	-00 01	19 11 31.734	1933.10	2	-0 3678	4871	9.1	-01 56	19 21 59.202	1933.11	2	-2 4975
4814	8.4	+00 00	19 11 37.571	1934.22	2	-0 3679	4872	8.7	-01 30	19 22 45.998	1934.21	2	-1 3736
4815	9.0	-01 50	19 11 39.838	1933.12	2	-1 3682	4873	8.8	-01 00	19 22 47.783	1934.37	3	-1 3738
4816	7.5	-01 16	19 11 57.046	1934.68	2	-1 3683	4874	8.5	-00 05	19 23 10.852	1933.58	2	-0 3737
4817	9.2	+00 11	19 11 59.449	1934.20	2	+0 4147	4875	9.1	-01 59	19 23 23.143	1934.68	2	-2 4987
4819	9.2	+01 14	19 12 04.195	1934.67	2	+1 3937	4876	8.9	-00 49	19 23 39.154	1934.68	2	-0 3738
4820	9.1	+00 46	19 12 05.700	1934.23	2	+0 4149	4877	9.2	-00 24	19 23 53.260	1934.06	3	-0 3741
4818	9.1	+00 08	19 12 06.868	1934.68	2	+0 4148	4878	8.2	-00 04	19 23 57.115	1934.36	3	-0 3742
4821	9.0	-01 25	19 12 11.500	1934.22	2	-1 3686	4879	9.2	+00 13	19 23 58.403	1934.36	3	+0 4204
4822	8.8	-01 57	19 13 27.841	1932.90	2	-1 3693	4880	5.7	+00 12	19 24 07.093	1933.12	2	+0 4206
4823	9.4	-00 10	19 13 51.272	1933.12	2	-0 3684	4881	8.6	-00 59	19 24 13.976	1933.12	2	-1 3742
4824	7.7	+00 37	19 14 43.188	1933.12	2	+0 4157	4882	9.0	-00 41	19 24 24.794	1932.75	2	-0 3743
4825	7.8	+00 22	19 14 47.418	1933.12	2	+0 4158	4883	8.9	+00 03	19 24 27.568	1933.10	2	-0 3744
4826	8.5	+00 56	19 14 51.881	1933.11	2	+0 4159	4884	8.1	-01 03	19 24 32.132	1933.08	2	-1 3744
4827	9.0	-01 01	19 14 58.754	1933.12	2	-1 3698	4885	9.1	-00 28	19 25 05.977	1932.75	2	-0 3746
4828	9.1	+01 07	19 15 01.403	1933.13	2	+0 4160	4886	8.8	-00 55	19 25 07.835	1932.60	2	-1 3746
4829	8.8	-01 18	19 15 11.229	1934.21	2	-1 3699	4888	9.0	-00 14	19 25 29.067	1933.64	3	-0 3748
4830	9.2	+00 29	19 15 26.453	1934.37	3	+0 4164	4889	8.5	-01 29	19 25 36.091	1933.09	2	-1 3747
4831	8.8	-00 11	18 15 29.795	1934.68	2	+0 3694	4890	8.8	-00 41	19 25 40.614	1933.39	3	-0 3749
4832	7.7	-01 04	19 15 31.270	1933.12	2	-1 3701	4892	8.4	-00 34	19 25 40.748	1933.12	2	-0 3750
4833	8.6	-01 08	19 15 41.806	1934.67	2	-1 3702	4891	8.6	-01 14	19 25 40.866	1933.12	2	-1 3749
4834	7.3	+00 18	19 16 07.259	1933.12	2	+0 4166	4893	8.8	-00 20	19 25 55.706	1933.10	2	-0 3751
4835	5.5	+00 57	19 16 09.509	1933.11	2	+0 4168	4894	8.6	+00 16	19 26 04.168	1933.27	2	+0 4215
4836	9.1	-02 01	19 16 14.072	1933.13	2	-2 4935	4895	8.8	-00 40	19 26 10.752	1934.04	3	-0 3753
4837	8.8	-01 42	19 16 20.769	1934.21	2	-1 3706	4897	8.0	-01 32	19 26 50.516	1932.75	2	-1 3753
4838	7.2	+00 13	19 16 26.449	1933.28	2	+0 4170	4898	7.0	+00 06	19 26 53.849	1933.12	2	-0 3760
4839	9.0	+00 51	19 16 38.448	1934.22	2	+0 4172	4899	9.0	-00 16	19 27 08.967	1933.08	2	-0 3761
4840	8.8	+00 23	19 16 40.640	1934.22	2	+0 4173	4900	7.9	-00 36	19 27 37.789	1932.62	2	-0 3762
4841	9.0	-00 38	19 17 10.607	1934.20	2	-0 3704	4902	9.2	+01 05	19 27 41.249	1933.12	2	+0 4228
4842	8.8	-00 11	19 17 21.812	1934.36	3	-0 3705	4901	8.9	-00 18	19 27 42.546	1933.10	2	-0 3763
4843	8.9	-01 44	19 17 38.090	1933.09	2	-1 3711	4903	8.7	+00 11	19 27 52.618	1933.41	3	+0 4229
4844	9.0	-01 00	19 17 39.263	1933.12	2	-1 3713	4904	9.0	-01 47	19 28 06.896	1933.12	2	-1 3756
4845	9.0	-01 18	19 17 56.475	1933.12	2	-1 3714	4905	9.2	-01 05	19 28 46.871	1933.09	2	-1 3760
4846	9.0	-00 41	19 17 56.935	1933.10	2	-0 3708	4906	9.1	+00 01	19 28 58.180	1932.75	2	-0 3765
4847	9.0	+00 48	19 17 58.739	1934.21	2	+0 4175	4908	8.7	-01 26	19 29 17.018	1933.10	2	-1 3763
4848	7.2	-01 27	19 18 01.891	1933.73	2	-1 3715	4909	8.6	+00 23	19 29 24.229	1932.62	2	+0 4236
4849	9.0	+01 06	19 18 03.226	1933.14	2	+0 4177	4910	9.0	-01 46	19 29 32.653	1933.10	2	-1 3764
4850	6.3	-01 01	19 18 09.788	1933.12	2	-1 3716	4911	8.7	-01 35	19 29 49.478	1933.11	2	-1 3766
4851	9.0	+00 31	19 18 15.529	1934.67	2	+0 4178	4912	9.0	-00 50	19 30 15.433	1932.75	2	-0 3770
4852	8.8	-01 51	19 18 22.649	1933.26	2	-1 3717	4913	8.5	-01 09	19 30 30.965	1932.75	2	-1 3768
4853	7.2	+00 47	19 18 34.777	1933.65	3	+0 4180	4915	8.9	+00 17	19 30 57.509	1933.10	2	+0 4243
4854	7.2	-01 19	19 18 40.582	1933.11	2	-1 3720	4916	8.4	-00 26	19 31 05.118	1931.63	2	-0 3774
4855	9.0	-00 03	19 18 58.148	1932.66	3	-0 3717	4917	8.6	+00 12	19 31 53.849	1932.75	2	+0 4248
4856	9.0	-00 05	19 19 10.123	1934.67	3	-0 3718	4918	8.9	-00 31	19 32 02.021	1933.12	2	-0 3779
4857	8.0	+00 19	19 19 17.266	1934.67	2	+0 4182	4919	9.0	-01 38	19 32 03.854	1933.12	2	-1 3774
4858	8.0	-01 58	19 19 23.000	1934.21	2	-2 4956	4920	8.9	+00 28	19 32 33.048	1932.75	2	+0 4251
4859	9.0	-01 22	19 19 36.485	1932.90	3	-1 3723	4921	9.0	-01 36	19 32 53.226	1933.11	2	-1 3776
4860	6.0	-00 23	19 19 56.089	1933.27	2	-0 3725	4922	9.0	-01 50	19 33 12.057	1932.98	3	-1 3777
4862	8.9	+00 29	19 19 56.736	1932.61	2	+0 4187	4923	8.9	-00 23	19 33 20.474	1933.12	2	-0 3786

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
4925	8.0	-00° 03'	19 ^h 33 ^m 35.612	1933.08	3	-0° 3788	4984	9.0	-01° 50'	19 ^h 45 ^m 36.5209	1932.74	2	-1° 3831
4926	7.2	+00 06	19 33 36.555	1933.27	2	-0 3789	4985	9.0	+00 49	19 46 39.612	1932.75	2	+0 4320
4927	9.0	+00 30	19 33 39.022	1932.75	2	+0 4254	4986	8.1	-01 17	19 47 05.561	1932.77	2	-1 3834
4928	4.7	-01 27	19 34 16.989	1933.12	2	-1 3782	4987	8.9	-01 44	19 47 09.367	1932.74	2	-1 3836
4929	9.4	-01 47	19 34 24.372	1934.20	4	-1 3784	4988	8.9	-00 08	19 47 41.546	1933.26	2	-0 3852
4930	8.9	-00 34	19 34 24.941	1933.28	2	-0 3795	4989	9.0	+00 17	19 47 53.887	1933.42	3	+0 4326
4931	8.7	-00 02	19 34 30.224	1933.27	2	-0 3796	4990	9.2	-00 51	19 48 07.719	1932.76	2	-1 3838
4932	8.9	-00 01	19 34 41.730	1934.68	2	-0 3797	4991	8.7	+00 33	19 48 11.410	1932.76	2	+0 4329
4933	7.6	-00 39	19 34 51.904	1933.29	2	-0 3799	4992	8.9	+01 07	19 48 26.628	1933.30	2	+0 4330
4934	9.0	+00 01	19 34 54.912	1934.22	2	-0 3800	4993	7.6	+00 40	19 48 31.624	1933.41	3	+0 4331
4935	9.1	-01 48	19 35 05.017	1934.05	3	-1 3789	4994	9.0	-01 43	19 48 55.727	1933.26	2	-1 3841
4936	8.7	-01 12	19 35 06.314	1932.61	2	-1 3790	4995	9.0	-00 49	19 49 05.305	1932.76	2	-1 3842
4937	7.2	-00 17	19 35 11.575	1934.06	3	-0 3801	4996	8.9	-00 42	19 49 25.822	1933.27	2	-0 3859
4938	9.3	-00 45	19 35 17.193	1934.21	2	-0 3802	4997	8.9	-00 47	19 49 50.227	1932.75	2	-0 3861
4939	8.9	-00 55	19 35 22.813	1934.68	2	-1 3791	4998	8.8	-01 27	19 49 54.354	1933.27	2	-1 3845
4940	7.5	-00 39	19 35 46.995	1933.10	3	-0 3804	4999	9.1	+00 47	19 49 56.312	1933.41	2	+0 4336
4941	9.1	-01 27	19 35 54.711	1933.10	2	-1 3794	5000	8.8	-00 52	19 50 02.027	1933.73	3	-1 3846
4943	7.2	+00 11	19 35 59.864	1933.26	2	+0 4265	5002	8.8	+00 28	19 50 12.252	1934.21	2	+0 4338
4944	9.2	-01 25	19 36 06.909	1932.43	3	-1 3797	5003	8.5	+00 09	19 50 45.739	1933.26	2	-0 3864
4945	8.6	-00 49	19 36 10.849	1933.26	2	-0 3806	5004	9.2	-00 39	19 50 58.489	1933.25	2	-0 3866
4946	8.3	+00 27	19 36 23.946	1933.42	3	+0 4266	5005	8.9	+01 16	19 51 17.554	1933.26	2	+1 4129
4949	8.5	-00 29	19 36 36.318	1932.77	2	-0 3810	5006	9.0	+01 01	19 51 31.434	1932.74	2	+0 4343
4948	8.3	-01 38	19 36 55.004	1932.61	2	-1 3800	5007	8.8	-00 57	19 52 13.055	1932.76	2	-1 3854
4947	9.1	-01 27	19 36 55.402	1933.24	2	-1 3799	5008	6.0	+00 05	19 52 18.640	1932.77	2	-0 3871
4950	8.6	-00 24	19 38 02.794	1933.11	4	-0 3811	5009	9.0	-01 06	19 52 35.177	1933.24	2	-1 3856
4951	5.5	-00 47	19 38 15.878	1932.77	2	-0 3813	5011	9.1	+00 17	19 51 44.246	1932.75	2	+1 4138
4952	9.2	-01 16	19 38 21.160	1932.75	2	-1 3805	5010	8.5	-01 02	19 52 44.323	1932.77	2	-1 3858
4953	8.1	+00 32	19 38 32.505	1932.75	2	+0 4270	5012	8.6	-00 37	19 52 47.620	1933.11	3	-0 3874
4954	9.0	-00 24	19 38 41.336	1933.31	3	-0 3814	5013	8.9	+00 09	19 52 57.161	1933.27	2	-0 3876
4955	9.2	+00 37	19 39 07.435	1933.26	2	-0 3817	5014	8.8	+00 24	19 53 08.084	1933.26	2	+0 4351
4956	8.8	+01 01	19 39 35.666	1933.25	2	+0 4275	5015	8.6	+00 18	19 53 20.588	1932.75	2	+0 4362
4957	8.8	+00 55	19 39 36.802	1933.27	2	+0 4276	5016	9.0	-01 24	19 54 30.529	1933.25	2	-1 3863
4958	9.0	-00 38	19 39 43.236	1933.31	3	-0 3819	5017	8.0	-01 11	19 54 33.654	1932.76	2	-0 3864
4959	8.2	+00 59	19 39 45.852	1934.20	2	+0 4278	5018	7.5	+00 10	19 54 47.422	1932.75	2	-0 3881
4960	8.8	+01 04	19 40 27.550	1932.73	2	+0 4283	5019	9.2	-00 03	19 55 29.095	1932.75	2	-0 3884
4961	8.3	+00 30	19 41 05.124	1932.75	2	+0 4290	5020	9.0	+00 19	19 55 35.006	1932.42	3	+0 4367
4962	8.6	-00 09	19 41 16.080	1932.75	2	-0 3830	5021	9.2	-01 45	19 56 02.608	1932.77	3	-1 3872
4963	9.0	+00 39	19 41 27.358	1932.75	2	+0 4291	5022	9.2	+00 35	19 56 03.920	1933.26	2	+0 4368
4964	8.2	+01 01	19 41 28.401	1932.73	2	+0 4292	5023	9.1	+00 20	19 56 24.153	1932.75	2	+0 4370
4966	9.0	+01 03	19 41 33.643	1932.73	2	+0 4301	5024	9.1	-00 01	19 56 27.779	1932.75	2	+0 3889
4965	9.1	-01 47	19 41 36.146	1932.78	2	-1 3815	5025	8.8	+01 20	19 56 36.265	1933.09	3	+1 4160
4967	8.5	-01 32	19 41 38.780	1932.75	2	-1 3816	5026	9.1	+00 28	19 56 41.474	1933.27	2	+0 4374
4968	8.8	+00 35	19 42 39.215	1932.75	2	+0 4302	5027	7.0	+01 11	19 57 58.001	1932.77	2	+0 4375
4969	9.0	-01 20	19 42 46.195	1933.11	2	-1 3817	5028	9.1	-01 18	19 57 06.791	1933.27	2	+1 4163
4970	8.8	-00 51	19 42 46.343	1933.26	2	-1 3818	5030	8.8	-01 13	19 57 14.296	1932.79	2	-1 3876
4971	7.8	-01 40	19 42 54.026	1932.78	2	-1 3819	5029	9.0	-01 37	19 57 16.222	1933.27	2	-1 3875
4972	9.0	-01 59	19 42 56.501	1933.27	2	-2 5105	5031	8.7	+00 27	19 57 32.157	1932.77	2	+0 4379
4973	8.5	-00 19	19 43 01.506	1933.27	2	-0 3835	5032	9.1	-00 44	19 57 45.483	1932.75	2	-0 3895
4974	8.8	-00 52	19 43 08.248	1933.27	2	-1 3820	5033	9.2	+00 52	19 58 02.520	1933.25	2	+0 4381
4975	7.8	-00 52	19 43 15.480	1933.27	2	-1 3821	5034	9.1	-01 51	19 58 11.324	1933.06	3	-2 5163
4976	7.7	-01 33	19 44 05.667	1932.42	3	-1 3824	5035	8.5	+01 10	19 58 13.997	1932.76	2	+0 4382
4977	7.8	+01 18	19 44 06.422	1932.78	2	+1 4095	5036	8.8	+01 18	19 58 19.993	1932.78	2	+1 4171
4978	8.8	-01 14	19 44 15.811	1933.27	2	-1 3826	5038	9.0	-01 12	19 58 29.757	1932.75	2	-1 3880
4979	8.8	-01 59	19 44 56.762	1933.26	2	-2 5115	5039	9.0	+01 08	19 58 50.520	1933.27	2	+0 4385
4980	7.1	+00 55	19 45 08.537	1932.77	2	+0 4314	5040	8.2	+01 15	19 58 51.222	1933.09	3	+1 4175
4981	8.2	-00 14	19 45 22.408	1932.44	3	-0 3843	5042	8.6	+00 28	19 59 07.435	1932.77	2	+0 4386
4982	8.6	-00 37	19 45 26.792	1932.75	2	-0 3844	5041	9.0	-01 52	19 59 10.211	1933.24	2	-2 5168
4983	9.0	-01 53	19 45 30.635	1932.66	3	-2 5118	5043	9.0	-01 52	19 59 13.779	1933.28	2	-2 5169

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
5044	7.9	-00° 24'	19 ^h 59 ^m 14. ^s 253	1933.28	2	-0° 3899	5107	8.7	+00° 02'	20 ^h 13 ^m 11. ^s 381	1932.77	2	-0° 3957
5045	8.8	+00 59	19 59 24.955	1932.74	2	+0 4389	5108	8.9	+00 55	20 13 13.945	1933.26	2	+0 4455
5046	9.1	+00 58	19 59 43.209	1932.77	3	+0 4390	5109	8.4	+00 36	20 13 54.721	1932.76	2	+0 4460
5047	9.0	-01 02	19 59 58.148	1932.75	2	-1 3884	5106	9.3	-00 56	20 13 15.289	1933.97	3	-1 3934
5049	8.6	+00 30	20 00 47.959	1932.75	2	+0 4399	5110	8.1	-01 43	20 13 59.900	1933.47	3	-1 3935
5050	8.6	-00 07	20 00 59.271	1932.44	3	-0 3903	5112	9.0	+00 43	20 14 13.011	1932.78	2	+0 4462
5051	9.0	+01 20	20 01 12.035	1933.41	3	+1 4191	5113	8.8	+00 58	20 14 23.013	1933.25	2	+0 4464
5052	9.0	+01 09	20 01 12.067	1933.26	2	+0 4400	5114	9.0	-01 42	20 14 32.458	1933.74	2	-1 3937
5053	9.0	+01 04	20 01 20.958	1933.27	2	+0 4401	5115	8.0	-01 26	20 14 31.823	1933.32	2	-1 3938
5055	9.0	+00 41	20 01 24.192	1933.25	2	+0 4403	5116	9.0	-00 15	20 14 33.040	1933.30	2	-0 3961
5054	9.0	+00 13	20 01 27.183	1934.21	2	+0 4402	5117	9.1	+00 16	20 14 39.329	1933.33	2	+0 4465
5056	6.2	-00 54	20 01 55.882	1932.76	2	-1 3887	5118	9.0	-00 46	20 14 39.653	1932.79	2	-0 3962
5057	8.9	-01 31	20 02 07.574	1932.75	2	-1 3888	5119	8.9	+00 08	20 14 50.174	1933.75	2	-0 3963
5058	8.0	+00 57	20 02 21.914	1932.75	2	+0 4408	5120	8.1	+01 06	20 14 52.427	1932.77	2	+0 4468
5059	7.7	+00 15	20 02 54.700	1932.75	2	+0 4411	5121	8.8	-01 16	20 15 00.322	1932.77	2	+1 4248
5060	8.6	-01 55	20 03 42.786	1932.43	3	-2 5178	5122	9.0	-00 20	20 15 34.665	1932.75	2	-0 3964
5061	8.3	-00 20	20 04 24.150	1933.06	2	-0 3911	5123	7.7	+00 25	20 16 11.818	1932.76	2	+0 4475
5062	9.0	+00 41	20 04 32.130	1932.74	2	+0 4419	5124	9.0	+00 30	20 16 14.996	1932.75	2	+0 4476
5063	8.2	-01 05	20 04 43.644	1933.39	3	-1 3894	5125	9.0	-00 59	20 16 20.257	1932.77	2	-1 3947
5064	9.1	+00 25	20 04 50.506	1932.77	2	+0 4420	5126	9.0	-01 34	20 16 29.493	1932.74	2	-1 3949
5065	8.5	-00 30	20 04 54.837	1932.79	4	-0 3913	5127	9.0	+00 53	20 16 32.663	1932.76	2	+0 4477
5066	9.2	+00 03	20 05 15.547	1932.73	2	-0 3916	5130	9.2	+00 39	20 17 15.811	1933.27	2	+0 4479
5067	7.1	-00 53	20 05 33.757	1932.83	2	-1 3899	5129	9.2	-01 48	20 17 16.861	1932.75	2	-2 5238
5068	9.0	+00 27	20 05 51.089	1932.76	2	+0 4427	5128	6.8	-01 18	20 17 17.124	1933.28	2	-1 3951
5069	7.8	-00 30	20 05 57.880	1932.77	2	-0 3922	5131	8.2	-01 08	20 17 20.058	1932.77	2	-1 3952
5070	9.0	-01 09	20 06 01.738	1932.75	2	-1 3901	5132	9.0	-00 31	20 17 20.823	1932.77	2	-0 3969
5071	8.1	-00 22	20 06 24.427	1932.75	2	-0 3926	5133	8.0	-01 31	20 17 25.363	1933.25	2	-1 3953
5072	9.0	+00 47	20 06 49.483	1932.73	2	+0 4434	5134	7.9	-00 52	20 17 27.373	1933.28	2	-1 3954
5073	7.6	-01 29	20 06 56.468	1933.08	3	-1 3902	5135	8.5	-00 47	20 17 36.983	1933.30	2	-0 3972
5075	9.1	-01 11	20 06 57.475	1933.09	3	-1 3903	5136	9.0	+00 11	20 17 46.235	1932.77	2	-0 3974
5076	8.8	+00 05	20 07 30.912	1932.75	2	-0 3931	5137	8.4	+00 31	20 17 48.273	1932.77	2	+0 4482
5078	8.8	-00 24	20 08 00.532	1932.73	2	-0 3923	5138	8.2	-01 10	20 18 18.951	1932.75	2	+0 4483
5077	9.2	-01 50	20 08 01.493	1932.76	2	-2 5195	5139	8.8	-01 41	20 18 30.630	1932.75	2	-1 3959
5079	8.9	-01 19	20 08 27.565	1933.26	2	-1 3909	5140	8.9	-00 08	20 18 31.157	1932.75	2	-0 3977
5080	9.0	+00 25	20 08 35.322	1933.27	2	+0 4438	5141	9.1	-01 51	20 18 45.574	1933.07	2	-2 5254
5081	8.0	+00 21	20 08 46.938	1933.27	2	+0 4440	5142	8.4	+00 21	20 19 05.679	1932.77	2	+0 4487
5083	8.6	-00 21	20 08 52.314	1933.28	2	-0 3835	5143	8.8	-00 31	20 19 30.997	1932.75	2	-0 3981
5084	9.2	-00 06	20 08 52.596	1933.28	2	-0 3936	5144	8.9	+00 38	20 19 38.974	1933.12	3	+0 4488
5085	8.0	-00 20	20 08 59.461	1934.67	2	-0 3937	5146	8.9	-00 26	20 19 45.374	1932.77	3	-0 3982
5086	8.4	+00 52	20 09 06.486	1933.34	2	+0 4441	5145	9.0	-01 08	20 19 47.311	1933.27	2	-1 3964
5087	8.9	+01 15	20 09 11.403	1934.25	2	+1 4222	5147	9.3	-00 26	20 19 53.226	1933.27	2	-0 3983
5088	9.0	-00 15	20 09 19.592	1934.37	3	-0 3939	5148	9.1	+00 01	20 20 18.415	1932.74	2	-0 3987
5089	8.1	-01 02	20 09 24.073	1933.11	2	-0 3940	5149	9.1	+00 08	20 20 39.293	1932.75	2	-0 3989
5090	7.3	+00 39	20 10 09.966	1932.76	2	+0 4444	5150	7.5	-00 41	20 20 52.136	1932.76	2	-0 3991
5091	7.2	-00 33	20 10 36.927	1932.73	2	-0 3942	5151	8.6	-01 18	20 21 11.700	1932.75	2	-1 3968
5093	8.8	+00 49	20 10 50.371	1932.77	2	+0 4445	5152	9.0	-00 49	20 21 17.138	1933.25	2	-1 3969
5095	8.8	+01 15	20 10 58.780	1932.78	2	+1 4233	5153	8.5	+00 18	20 21 27.222	1932.77	2	+0 4491
5094	8.2	-01 25	20 11 03.786	1933.26	2	-1 3921	5154	8.2	-00 31	20 21 41.942	1932.77	3	-1 3971
5096	9.0	-00 24	20 11 26.082	1933.27	2	-0 3945	5155	9.2	-01 16	20 21 44.020	1932.75	2	-1 3972
5097	9.2	-00 53	20 11 29.606	1933.26	2	-1 3924	5156	9.4	-01 02	20 21 51.634	1933.11	3	-1 3973
5098	8.8	-01 05	20 11 36.219	1933.74	3	-1 3925	5157	9.0	-01 14	20 22 03.167	1932.75	2	-1 3975
5099	9.0	-01 50	20 11 40.000	1933.27	2	-1 3927	5158	9.0	-00 37	20 22 08.391	1932.76	2	-0 3995
5100	8.6	+00 31	20 11 50.160	1932.77	2	+0 4448	5159	8.0	-01 46	20 22 13.559	1932.77	2	-1 3976
5101	8.4	-00 04	20 11 53.752	1932.77	2	-0 3949	5160	6.5	+00 50	20 22 14.040	1933.31	2	+0 4495
5102	9.0	-01 25	20 12 03.842	1932.75	2	-1 3929	5161	7.4	+01 08	20 22 18.704	1933.30	2	+0 4496
5103	9.0	-01 29	20 12 07.397	1933.27	2	-1 3930	5162	8.9	-00 31	20 22 47.273	1932.75	2	-0 3997
5104	8.5	-01 21	20 12 23.786	1932.79	2	-1 3933	5163	8.9	-01 01	20 22 54.542	1933.26	2	-0 3998
5105	9.0	+00 29	20 12 28.616	1933.25	2	+0 4453	5164	8.9	+00 44	20 23 24.930	1932.74	2	+0 4500

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
5166	9.0	-0° 55'	20 ^h 23 ^m 34. ^s 656	1932.76	2	+0°4501	5229	9.1	-01° 37'	20 ^h 36 ^m 03. ^s 993	1933.27	2	-1° 4017
5167	9.1	+00 49	20 24 17.821	1932.74	2	+0 4505	5230	8.8	-00 20	20 36 10.056	1932.84	2	-0 4059
5168	9.0	-00 18	20 24 47.827	1932.75	2	-0 4007	5231	8.0	+00 57	20 36 38.226	1933.29	2	+0 4561
5169	8.9	-00 12	20 24 48.046	1932.77	2	-0 4006	5232	9.0	-00 36	20 36 41.575	1933.27	2	-0 4061
5170	7.5	-01 47	20 24 57.230	1932.77	2	-1 3982	5233	8.6	-00 08	20 36 49.272	1932.78	2	-0 4063
5171	8.7	+00 37	20 25 00.680	1932.77	2	+0 4508	5234	5.2	+00 14	20 37 00.344	1933.31	2	-0 4064
5172	8.6	-00 09	20 25 05.574	1932.75	2	-0 4009	5235	8.9	+00 49	20 37 22.408	1933.27	2	+0 4563
5173	8.5	-00 23	20 25 35.317	1933.26	2	-0 4010	5236	9.0	+00 49	20 37 30.019	1933.27	2	+0 4564
5174	9.2	-00 46	20 25 58.192	1932.76	2	-1 3983	5237	9.0	+01 03	20 37 39.832	1933.27	2	+0 4565
5175	9.1	+00 14	20 26 03.878	1933.07	2	-0 4012	5238	8.6	+00 26	20 37 51.896	1932.80	2	+0 4566
5176	7.5	+00 39	20 26 10.887	1932.77	2	+0 4515	5239	9.2	-01 51	20 38 10.398	1933.34	2	-2 5330
5177	8.8	+01 17	20 26 14.815	1932.78	2	+1 4299	5240	8.5	+00 41	20 38 20.290	1932.81	2	+0 4569
5178	8.9	-00 21	20 26 18.862	1933.26	2	-0 4015	5241	9.0	-00 51	20 38 27.395	1932.77	2	-1 4025
5179	8.0	-01 04	20 26 28.207	1932.77	2	-1 3984	5242	8.8	-01 2	20 38 43.598	1932.75	2	-1 4027
5181	9.2	-01 47	20 26 59.053	1933.27	2	-2 5289	5244	8.7	-00 16	20 39 06.522	1932.78	2	-0 4068
5182	9.2	-00 31	20 27 26.837	1932.75	2	-0 4020	5243	9.0	-01 47	20 39 07.066	1933.26	2	-2 5336
5183	8.2	-01 25	20 27 47.240	1932.75	2	-1 3988	5246	9.5	+00 05	20 39 11.167	1933.14	3	-0 4070
5184	9.0	+00 22	20 27 51.124	1932.77	2	+0 4518	5249	9.4	+01 02	20 40 13.934	1933.27	2	+0 4574
5185	9.0	+00 24	20 27 58.111	1933.26	2	+0 4519	5250	9.0	-01 41	20 40 18.562	1933.06	2	-1 4034
5186	9.0	+00 18	20 28 04.032	1933.11	3	+0 4520	5251	9.0	-01 24	20 40 36.988	1932.77	2	-1 4035
5187	9.0	-00 17	20 28 14.270	1933.28	2	-0 4025	5252	9.0	-01 51	20 40 46.366	1933.26	2	-2 5349
5188	8.8	-00 42	20 28 26.015	1933.30	2	-0 4026	5256	8.8	-00 04	20 41 37.376	1933.53	3	-0 4078
5189	8.9	-01 43	20 28 28.689	1932.79	2	-1 3989	5257	8.6	-00 21	20 42 10.226	1932.74	2	-0 4079
5190	8.8	+00 03	20 28 30.134	1933.33	2	-0 4027	5259	9.2	+00 07	20 42 23.044	1932.77	2	-0 4082
5191	9.1	-00 40	20 28 39.817	1932.76	2	-0 4029	5258	9.0	-01 37	20 42 24.366	1933.12	2	-1 4041
5192	9.0	+00 32	20 29 12.262	1933.28	2	+0 4525	5260	7.5	+00 02	20 42 30.544	1932.79	2	-0 4084
5193	9.2	-00 33	20 29 24.024	1933.42	3	-0 4032	5261	8.0	-01 18	20 42 44.816	1932.78	2	-1 4043
5194	7.8	-00 24	20 29 28.060	1932.78	2	-0 4033	5262	9.0	+01 04	20 42 47.690	1932.76	2	+0 4581
5195	9.3	+01 07	20 29 35.951	1933.27	2	+0 4527	5263	8.8	-01 04	20 42 57.377	1932.77	2	-1 4044
5198	8.8	+00 45	20 29 58.719	1932.75	2	+0 4532	5264	9.0	+00 08	20 43 02.822	1933.26	2	-0 4086
5199	8.2	-01 42	20 30 12.739	1932.78	2	-1 3991	5265	8.6	-01 41	20 43 10.049	1933.46	3	-1 4046
5200	9.2	-00 25	20 30 19.368	1933.32	2	-0 4036	5267	8.1	-01 05	20 43 33.194	1933.08	3	-1 4047
5201	9.1	-01 21	20 30 30.535	1933.31	2	-1 3993	5268	7.5	-00 36	20 43 36.360	1933.26	2	-0 4089
5202	8.9	+00 23	20 30 35.579	1932.83	2	+0 4534	5269	8.8	-01 06	20 44 19.323	1933.12	3	-1 4050
5203	8.5	-00 22	20 30 37.349	1932.76	2	-0 4038	5270	9.1	-00 04	20 44 36.775	1933.26	2	-0 4090
5204	9.1	-01 03	20 30 55.773	1934.22	2	-1 3994	5271	9.0	-01 36	20 44 43.770	1933.28	2	-1 4052
5205	8.4	+00 09	20 30 51.987	1932.75	2	-0 4039	5272	8.8	-00 41	20 45 03.231	1932.81	2	-0 4092
5206	8.0	+01 02	20 31 12.404	1932.77	2	+0 4536	5273	9.0	-01 53	20 45 43.750	1933.27	2	-2 5370
5207	9.2	+01 02	20 31 49.601	1933.28	2	+0 4539	5274	8.8	-00 34	20 45 49.576	1933.28	2	-0 4096
5208	7.6	-00 43	20 31 56.279	1932.78	3	-0 4043	5275	8.4	-00 26	20 45 49.905	1933.27	2	-0 4097
5209	7.7	-00 55	20 32 06.9275	1932.78	2	-1 3998	5276	7.8	-00 04	20 46 03.116	1933.31	2	-0 4101
5210	9.3	-01 23	20 32 17.919	1934.01	4	-1 3999	5277	8.2	+01 00	20 46 15.128	1933.28	2	+0 4588
5211	9.2	-00 45	20 32 19.400	1933.27	4	-1 4000	5279	9.0	+00 27	20 46 27.938	1933.42	3	+0 4590
5212	8.8	+00 25	20 32 30.318	1932.83	2	+0 4542	5280	7.3	-00 49	20 46 50.592	1932.76	2	-1 4057
5214	7.5	-00 15	20 33 20.838	1932.76	2	-0 4050	5281	8.8	-00 57	20 46 57.705	1933.26	2	-1 4058
5215	9.3	-01 40	20 33 25.077	1933.27	2	-1 4007	5282	9.0	+00 04	20 47 17.580	1932.77	2	-0 4105
5216	8.8	-01 45	20 33 36.537	1932.77	2	-1 4008	5283	8.7	-01 46	20 47 25.004	1933.28	2	-2 5375
5217	9.0	-00 45	20 33 55.144	1933.13	3	-1 4009	5284	7.8	-00 35	20 47 25.146	1933.28	2	-0 4106
5219	8.8	+00 03	20 34 07.803	1932.78	2	-0 4052	5285	8.6	+00 06	20 47 39.912	1933.28	2	-0 4107
5220	9.0	-01 44	20 34 20.923	1933.42	3	-1 4010	5286	8.8	-01 49	20 47 53.282	1933.27	2	-2 5378
5221	8.6	+00 42	20 34 28.382	1933.28	2	+0 4550	5287	9.2	+00 07	20 48 34.341	1933.27	2	-0 4113
5222	9.1	+01 05	20 34 31.989	1933.30	2	+0 4551	5288	9.0	-01 22	20 48 45.525	1933.28	2	-1 4061
5223	8.9	-00 46	20 34 43.133	1933.42	3	-1 4014	5289	9.0	+01 04	20 49 01.471	1933.28	2	+0 4597
5224	7.5	-01 33	20 34 44.468	1933.35	2	-1 4015	5290	9.0	-01 25	20 49 10.894	1933.33	2	-1 4062
5225	6.5	-00 09	20 34 53.945	1933.29	2	-0 4056	5291	9.1	-01 50	20 49 20.462	1933.27	2	-2 5387
5226	9.0	+00 42	20 35 47.386	1933.27	2	+0 4557	5292	8.9	+00 55	20 49 18.444	1933.35	2	+0 4600
5227	5.0	-01 21	20 35 54.386	1933.28	2	-1 4016	5293	9.2	+01 02	20 49 47.492	1933.77	3	+0 4602
5228	8.2	+00 46	20 35 51.502	1932.75	2	+0 4558	5294	8.4	-00 23	20 49 51.111	1933.27	2	-0 4117

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
5295	9.0	+01°04'	20 ^h 50 ^m 21. ^s 932	1933.54	4	+0°4603	5357	9.0	-00° 21'	21 ^h 03 ^m 16. ^s 592	1933.25	3	-0° 4155
5296	8.8	-00 52	20 50 29.003	1933.75	3	-1 4065	5358	8.7	+00 23	21 03 24.940	1932.75	2	+0 4658
5297	9.0	-00 06	20 50 41.200	1933.26	2	-0 4120	5359	9.0	-00 56	21 03 41.711	1933.26	2	-1 4103
5298	9.3	-01 21	20 50 42.728	1933.30	2	-1 4066	5360	9.0	-00 30	21 03 52.588	1932.76	2	-0 4159
5300	9.0	+00 51	20 51 13.021	1933.28	2	+0 4607	5361	7.0	-00 23	21 04 07.366	1932.74	2	-0 4161
5301	8.8	-01 00	20 51 25.224	1933.27	2	-1 4069	5362	8.2	-01 18	21 04 18.594	1932.81	2	-1 4105
5302	8.4	+01 09	20 51 36.100	1933.27	2	+0 4610	5363	9.0	+00 39	21 04 22.421	1932.77	2	+0 4660
5303	8.9	-00 58	20 52 09.846	1932.80	2	-1 4072	5364	7.4	-01 15	21 04 27.052	1933.27	2	-1 4106
5304	8.8	-00 26	20 52 21.142	1933.27	4	-0 4122	5365	8.7	+01 11	21 04 47.455	1932.75	2	+0 4661
5305	8.0	-01 39	20 52 26.521	1932.75	2	-1 4073	5367	7.2	-01 03	21 04 55.047	1932.76	2	-1 4108
5306	8.0	-00 58	20 52 28.474	1932.78	4	-1 4074	5366	9.0	-00 53	21 04 56.068	1933.26	2	-1 4107
5307	8.9	-00 50	20 52 35.322	1933.26	2	-2 5400	5368	7.2	-00 27	21 05 06.758	1932.75	2	-0 4163
5308	6.8	-01 38	20 52 40.415	1932.81	2	-1 4075	5369	7.5	+00 52	21 05 24.410	1932.78	2	+0 4663
5309	8.1	-00 38	20 52 44.891	1932.75	2	-0 4126	5371	8.5	+01 14	21 05 30.121	1932.75	2	+0 4664
5310	9.4	-00 30	20 52 48.229	1933.26	2	-0 4125	5370	9.0	-00 38	21 05 31.387	1933.26	2	-0 4164
5311	9.2	-01 50	20 53 02.077	1933.26	2	-2 5408	5372	7.2	-01 16	21 05 42.005	1932.77	2	-1 4111
5312	8.0	-01 20	20 54 06.750	1932.77	2	-1 4079	5373	9.0	-01 47	21 06 22.338	1932.77	2	-2 5463
5314	9.1	-00 21	20 54 27.309	1932.80	2	-0 4129	5374	9.2	-00 19	21 06 23.862	1933.14	3	-0 4168
5315	8.2	+00 14	20 54 28.715	1933.11	3	-0 4130	5375	9.0	+00 08	21 06 25.483	1933.26	2	-0 4169
5316	9.0	-01 20	20 54 32.115	1933.27	2	-1 4080	5376	9.0	-00 04	21 06 28.328	1933.28	2	-0 4170
5317	8.8	-01 40	20 54 43.888	1933.26	2	-1 4082	5377	9.0	-00 19	21 06 44.825	1932.79	2	-0 4172
5318	7.0	+00 12	20 54 47.097	1933.48	3	-0 4132	5379	9.2	+01 11	21 07 06.652	1933.15	3	+0 4671
5319	8.8	+01 07	20 54 54.482	1932.76	2	+0 4620	5380	8.5	+01 17	21 07 07.824	1933.29	2	+0 4672
5320	9.0	+00 20	20 55 05.200	1933.28	2	+0 4621	5381	8.5	+01 01	21 07 41.820	1932.75	2	+0 4674
5321	8.6	+00 43	20 55 12.398	1932.75	2	+0 4625	5382	9.0	+01 21	21 07 59.303	1933.26	2	+1 4437
5322	8.8	-00 42	20 55 31.112	1932.81	2	-0 4136	5383	9.0	+00 51	21 08 10.621	1932.81	2	+0 4676
5323	9.4	-00 30	20 55 31.512	1932.74	2	-0 4135	5384	9.0	+01 27	21 08 20.918	1932.75	2	+1 4438
5324	9.0	-00 43	20 55 49.371	1933.15	3	-0 4137	5385	9.1	-01 18	21 08 44.585	1932.76	2	-1 4115
5325	8.5	+01 20	20 56 51.471	1933.26	2	+1 4402	5386	8.2	-01 35	21 09 06.521	1933.11	3	-1 4116
5327	8.9	+00 50	20 57 04.123	1933.27	2	+0 4632	5387	8.0	-01 10	21 09 13.113	1933.27	2	-1 4117
5326	8.3	-01 45	20 57 05.528	1933.26	2	-2 5421	5388	8.7	+00 23	21 09 15.590	1933.27	2	+0 4679
5328	8.6	+00 47	20 57 08.664	1933.27	2	+0 4633	5389	8.9	-01 18	21 09 41.082	1932.75	2	-1 4120
5329	8.5	+00 35	20 57 09.083	1933.28	2	+0 4634	5390	8.2	+01 21	21 09 42.239	1933.28	2	+1 4441
5330	9.2	+00 45	20 57 19.633	1933.28	2	+0 4636	5391	9.1	-01 38	21 09 51.196	1933.27	2	-1 4121
5331	8.9	-00 19	20 57 51.861	1933.26	2	-1 4143	5392	9.0	+00 13	21 09 52.494	1932.76	2	-0 4181
5332	8.7	+01 20	20 58 06.795	1933.26	2	+1 4405	5393	8.6	+00 36	21 10 10.208	1932.76	2	+0 4681
5333	8.8	-01 12	20 58 11.975	1933.28	2	-1 4092	5394	7.8	-01 25	21 10 40.998	1932.75	2	-1 4123
5334	9.0	+00 49	20 58 20.873	1933.26	2	+0 4638	5395	9.0	+00 03	21 11 18.547	1932.44	3	-0 4184
5335	8.8	+01 20	20 58 28.332	1933.26	2	+1 4406	5396	9.0	-01 22	21 11 38.585	1932.42	3	-1 4125
5336	8.2	-01 03	20 58 39.619	1933.29	2	-1 4093	5397	9.0	-01 09	21 11 48.135	1932.77	2	-1 4127
5337	8.1	+00 46	20 58 40.700	1933.30	2	+0 4639	5398	8.6	+00 01	21 11 50.320	1933.11	3	-0 4185
5338	9.1	-00 37	20 58 42.842	1933.32	2	-0 4145	5399	8.9	+01 04	21 11 57.404	1932.76	2	+0 4686
5339	9.2	+00 47	20 58 44.674	1933.31	2	+0 4640	5400	9.0	-01 16	21 12 07.096	1933.27	2	-1 4129
5340	9.0	-00 27	20 58 57.052	1933.29	2	-0 4146	5401	6.8	-00 12	21 12 12.750	1933.28	2	-0 4186
5341	8.0	+00 48	20 59 59.521	1933.43	3	+0 4641	5402	7.5	-01 07	21 12 15.895	1933.28	2	-1 4131
5342	8.8	-01 43	20 59 01.597	1933.28	2	-2 5426	5404	8.8	+01 27	21 12 17.232	1933.30	2	+1 4449
5343	8.5	+01 14	20 59 10.476	1933.27	2	+0 4642	5403	9.1	+01 12	21 12 17.350	1933.28	2	+0 4689
5345	9.0	+00 22	21 00 06.551	1932.74	2	+0 4644	5406	8.8	-01 29	21 12 37.040	1933.28	2	-1 4132
5346	7.5	+01 05	21 00 24.684	1932.80	2	+0 4647	5407	8.8	+00 47	21 12 54.595	1933.28	2	+0 4691
5347	6.5	-01 12	21 00 32.413	1932.77	2	-1 4095	5408	8.4	-00 34	21 13 06.177	1933.28	2	-0 4189
5349	7.8	+01 15	21 00 40.905	1933.27	2	+0 4648	5409	8.8	-01 32	21 13 13.591	1933.30	2	-1 4134
5350	7.8	+01 25	21 00 41.690	1933.27	2	+1 4413	5410	8.6	-00 06	21 13 37.930	1933.30	2	-0 4190
5348	7.4	-01 35	21 00 41.867	1933.26	2	-1 4098	5411	8.5	-01 12	21 13 52.962	1933.28	2	-1 4135
5351	7.0	-01 52	21 01 01.693	1932.76	2	-2 5434	5412	8.0	-00 55	21 14 09.605	1933.26	2	-1 4136
5352	9.2	-00 59	21 01 46.753	1932.74	2	-1 4100	5413	8.6	+00 52	21 14 26.091	1932.78	2	+0 4696
5353	9.0	-01 48	21 01 55.024	1932.75	2	-2 5438	5415	8.6	+00 44	21 14 34.862	1933.27	2	+0 4697
5355	9.0	+00 12	21 02 50.279	1932.75	2	-0 4153	5414	8.6	-01 22	21 14 35.971	1933.29	2	-1 4138
5356	8.0	+00 27	21 02 53.923	1932.77	2	+0 4657	5416	8.9	+01 17	21 14 58.327	1932.76	2	+0 4698

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
5417	8.5	-01° 41'	21 ^h 15 ^m 27. ^s 361	1932.80	2	-1° 4140	5477	8.5	+00° 22'	21 ^h 33 ^m 30. ^s 953	1932.76	2	+0° 4751
5419	8.7	-00 08	21 15 35.957	1933.00	4	-0 4195	5478	9.2	-01 46	21 33 34.454	1932.73	2	-2 5581
5420	9.0	-00 06	21 15 46.084	1933.28	2	-0 4196	5479	6.4	-00 42	21 35 07.612	1932.78	2	-1 4180
5421	9.0	-01 13	21 15 48.566	1933.28	2	-1 4142	5480	9.5	+00 43	21 35 09.955	1933.27	2	-
5422	7.8	+00 54	21 15 53.057	1933.28	2	+0 4701	5481	6.8	+00 16	21 35 11.778	1933.03	4	-0 4241
5423	8.9	-00 21	21 17 39.278	1932.75	2	-0 4199	5482	8.6	+00 57	21 35 12.731	1932.45	3	+0 4757
5424	8.5	+00 33	21 17 38.678	1932.77	2	+0 4705	5483	8.9	-01 05	21 35 24.879	1932.45	3	-1 4181
5425	9.0	-00 12	21 17 40.631	1932.81	2	-0 4200	5484	9.0	-01 05	21 35 35.528	1932.81	2	-1 4182
5426	8.4	-01 48	21 17 53.045	1933.26	2	-2 5507	5485	9.0	+00 17	21 35 42.216	1932.78	2	-0 4243
5427	8.2	+00 56	21 18 06.869	1932.76	2	+0 4708	5487	9.0	-00 39	21 35 51.213	1932.78	2	-0 4244
5428	8.8	-01 45	21 18 12.714	1933.27	2	-2 5511	5486	9.2	-01 39	21 35 52.301	1933.28	2	-1 4183
5430	9.0	-01 03	21 18 14.330	1933.28	2	-1 4152	5488	9.0	-01 01	21 36 18.180	1932.77	2	-1 4185
5431	8.2	+00 23	21 18 38.914	1933.25	2	+0 4711	5489	7.3	-00 22	21 37 04.653	1932.73	2	-0 4245
5432	8.6	-00 03	21 18 47.854	1933.12	3	-0 4203	5490	8.5	+00 51	21 37 42.291	1932.76	2	+0 4760
5433	8.2	-01 08	21 19 04.632	1932.76	2	-1 4153	5491	8.4	+00 55	21 38 12.166	1932.73	2	+0 4762
5434	7.1	+01 04	21 19 25.622	1932.78	2	+0 4714	5492	9.2	+00 58	21 38 37.632	1932.76	2	+0 4764
5435	9.1	-01 42	21 19 29.918	1932.81	2	-1 4154	5493	9.0	-01 34	21 38 39.915	1932.77	2	-1 4191
5436	9.0	-00 56	21 20 07.729	1933.26	2	-1 4155	5494	8.3	+00 59	21 38 41.473	1932.75	2	+0 4765
5437	9.0	-00 13	21 20 08.710	1932.76	2	-0 4205	5495	9.0	-01 32	21 38 58.423	1932.78	2	-1 4192
5438	8.5	-01 19	21 20 09.903	1932.77	3	-1 4156	5496	7.8	+00 01	21 39 30.695	1932.76	2	-0 4249
5439	7.7	-01 04	21 20 43.661	1932.77	3	-1 4158	5497	6.0	+00 58	21 39 45.529	1932.73	2	+0 4770
5440	9.2	-01 19	21 20 48.273	1932.77	3	-	5498	8.7	+00 08	21 40 01.427	1932.77	2	-0 4251
5441	8.6	-01 15	21 20 55.747	1933.27	2	-1 4159	5499	9.1	+00 07	21 40 02.175	1932.77	2	-0 4251
5442	8.6	+00 14	21 21 20.949	1933.44	3	-0 4207	5500	9.1	-00 44	21 40 52.196	1932.78	2	-1 4195
5444	9.0	+01 19	21 21 24.669	1932.81	2	+1 4472	5501	8.6	+01 29	21 41 00.425	1932.77	2	+1 4529
5443	8.0	+01 23	21 21 25.909	1933.75	3	+1 4471	5502	8.8	-00 16	21 41 02.780	1932.84	2	-0 4254
5445	9.1	+00 20	21 21 51.363	1933.07	3	+0 4720	5503	7.2	+00 13	21 41 12.520	1932.48	3	-0 4257
5446	8.8	+00 16	21 22 08.070	1932.76	2	-0 4211	5504	9.0	-00 11	21 41 57.798	1933.28	2	-0 4260
5447	9.0	-00 33	21 22 46.692	1933.26	2	-0 4213	5505	8.2	-00 32	21 42 56.430	1932.77	2	-0 4261
5448	8.4	+01 01	21 22 57.540	1932.75	2	+0 4722	5506	9.1	+00 21	21 43 05.259	1932.78	2	+0 4775
5449	8.7	-01 15	21 23 04.457	1933.27	4	-1 4164	5507	8.9	-01 46	21 43 11.088	1932.79	2	-2 5627
5450	8.8	-01 17	21 23 06.344	1932.81	2	-1 4165	5508	8.4	+01 21	21 43 19.388	1932.60	3	+0 4776
5451	8.3	-00 32	21 23 11.058	1933.42	3	-0 4214	5509	9.0	+00 56	21 43 41.949	1932.78	2	+0 4778
5452	9.2	-01 48	21 23 20.495	1933.24	2	-2 5535	5510	7.9	+00 32	21 44 28.530	1932.77	2	+0 4779
5453	6.5	+00 14	21 23 25.971	1932.77	2	-0 4215	5511	9.1	-00 58	21 44 39.049	1932.77	2	-1 4200
5454	6.7	+00 48	21 24 02.743	1932.75	2	+0 4726	5512	9.0	-00 51	21 44 48.258	1932.80	2	-1 4202
5455	9.1	+00 04	21 24 48.644	1932.75	2	-0 4219	5513	9.0	-01 17	21 44 56.950	1932.73	2	-1 4205
5456	8.9	+00 22	21 24 52.198	1932.74	2	+0 4728	5514	8.3	-00 07	21 44 57.271	1932.74	2	-0 4268
5457	8.6	+00 44	21 25 00.567	1932.77	2	+0 4729	5515	8.6	-00 36	21 45 31.424	1932.76	2	-0 4269
5458	8.5	+00 50	21 26 57.615	1932.75	2	+0 4732	5516	8.8	+01 27	21 47 39.546	1932.75	2	+1 4547
5459	8.9	-00 10	21 27 20.824	1932.80	2	-0 4226	5518	7.8	+00 26	21 48 07.392	1932.76	2	+0 4784
5460	8.7	+01 18	21 27 27.153	1932.81	2	+0 4736	5519	8.8	+00 26	21 48 34.010	1932.43	3	+0 4785
5461	8.4	-01 51	21 27 48.339	1933.28	2	-2 5551	5521	7.5	+00 26	21 49 08.744	1932.75	2	+0 4787
5462	8.8	-00 14	21 28 18.328	1933.25	2	-0 4229	5522	8.6	+00 31	21 49 12.935	1932.76	2	+0 4788
5463	8.5	+00 43	21 28 33.342	1933.28	2	+0 4737	5523	8.7	-01 37	21 49 37.856	1932.76	2	-1 4212
5464	8.6	+01 02	21 28 34.898	1933.30	2	+0 4740	5524	8.3	+01 05	21 49 47.347	1932.77	2	+0 4790
5465	9.0	+00 25	21 29 47.913	1933.28	2	+0 4741	5525	8.9	-01 25	21 50 30.307	1932.78	2	-1 4214
5466	8.2	+00 43	21 30 06.555	1933.26	2	+0 4743	5526	9.2	-01 29	21 50 34.191	1932.78	2	-1 4215
5467	8.9	-01 40	21 30 41.244	1933.25	2	-1 4174	5527	8.8	+00 16	21 51 09.278	1932.74	2	-0 4279
5468	7.8	+00 49	21 30 57.218	1933.10	2	+0 4746	5528	9.0	+00 56	21 52 15.181	1932.75	2	+0 4796
5469	neb	-01 08	21 31 01.080	1933.28	3	-1 4175	5529	9.0	-00 49	21 52 54.191	1932.74	2	-1 4218
5470	9.0	+01 17	21 31 12.406	1932.78	2	+0 4747	5530	9.0	+00 50	21 53 21.637	1932.75	2	+0 4798
5471	8.5	-00 05	21 31 29.669	1932.77	2	-0 4238	5531	8.0	-00 02	21 53 26.654	1932.76	2	-0 4284
5472	7.8	+01 04	21 31 38.410	1932.76	2	+0 4748	5532	9.3	-01 19	21 53 46.851	1932.78	2	-1 4219
5473	9.5	-00 20	21 32 17.785	1933.28	2	-	5533	8.5	-01 01	21 53 59.335	1932.73	2	-1 4220
5474	9.2	-01 48	21 32 44.844	1933.27	2	-2 5572	5534	8.6	+00 16	21 54 40.550	1932.75	2	-0 4286
5475	7.4	+00 40	21 32 58.571	1932.77	2	+0 4750	5535	8.4	-01 07	21 54 42.572	1932.78	2	-1 4221
5476	9.4	-01 44	21 33 10.040	1933.28	2	-2 5577	5536	9.0	+00 21	21 54 46.272	1932.77	2	-0 4287

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
5537	8.4	-00° 58'	21 ^h 55 ^m 15.253	1932.73	2	-1° 4222							
5538	8.4	+00 16	21 55 27.915	1932.75	2	-0 4288	5602	9.2	-01° 37'	22 ^h 12 ^m 18.5381	1933.26	2	-1° 4270
5539	8.9	-01 11	21 55 37.747	1932.77	2	-1 4223	5603	9.0	-00 44	22 12 18.772	1932.75	2	-1 4271
5540	7.9	+00 12	21 56 15.396	1933.06	3	-0 4289	5604	9.0	-01 08	22 12 20.184	1932.84	2	-1 4272
5541	8.6	-00 14	21 56 31.845	1932.75	2	-0 4290	5605	9.2	-00 11	22 13 08.787	1932.76	2	-0 4326
5542	9.0	-00 08	21 56 37.373	1933.15	3	-0 4291	5606	8.8	+00 37	22 13 14.755	1933.14	3	+0 4842
5543	8.7	-01 43	21 56 55.304	1932.77	2	-2 5673	5607	9.1	-01 17	22 13 23.454	1932.81	2	-1 4275
5544	9.2	-01 13	21 57 01.406	1933.27	2	-1 4226	5608	8.8	-00 19	22 13 30.065	1933.25	2	-0 4327
5546	8.2	+00 35	21 57 36.268	1933.11	3	+0 4806	5609	9.1	-00 41	22 14 06.362	1932.78	2	-1 4277
5547	8.2	+00 53	21 58 03.499	1932.76	2	+0 4807	5610	9.0	+00 11	22 14 21.394	1933.27	2	-0 4329
5548	9.2	-00 55	21 58 05.502	1932.83	2	-1 4230	5611	9.0	+00 47	22 14 38.313	1932.75	2	+0 4844
5550	9.0	-01 02	21 58 19.688	1932.76	2	-1 4231	5612	9.4	-01 03	22 14 55.840	1932.82	2	-1 4279
5551	5.8	+00 16	21 58 39.678	1932.77	2	-0 4296	5613	7.0	-00 35	22 15 38.650	1932.75	2	-0 4333
5552	9.2	-01 24	21 58 42.759	1932.79	2	-1 4232	5614	9.0	-01 28	22 15 41.999	1932.75	2	-1 4280
5553	7.8	-01 28	21 59 17.209	1932.84	2	-1 4233	5615	9.0	+01 17	22 15 44.131	1932.77	2	+0 4848
5554	8.4	-00 00	21 59 21.997	1932.57	2	-0 4297	5616	9.0	-00 50	22 15 50.685	1932.79	2	-1 4281
5556	9.2	-01 23	21 59 34.159	1932.77	2	-1 4235	5617	8.1	-01 29	22 16 02.937	1932.75	2	-1 4282
5557	7.7	-01 15	22 00 06.596	1932.75	2	-1 4236	5619	9.1	-01 45	22 16 47.976	1932.77	2	-2 5732
5558	9.1	-01 05	22 00 20.583	1932.75	2	-1 4237	5620	9.0	+00 10	22 16 48.072	1932.78	2	-0 4338
5559	9.0	-00 16	22 00 30.443	1932.77	2	-0 4298	5621	8.9	-00 57	22 17 12.579	1932.75	2	-1 4284
5560	9.3	-01 31	22 02 08.189	1932.48	3	-1 4241	5623	9.0	-00 52	22 18 12.485	1933.13	3	-1 4285
5561	6.2	-01 15	22 02 20.895	1932.76	2	-1 4242	5624	8.5	+00 12	22 18 15.368	1932.75	2	-0 4343
5563	8.9	-01 31	22 02 46.775	1932.83	2	-1 4244	5625	9.0	-00 12	22 18 32.891	1933.27	2	-0 4344
5564	8.8	+01 16	22 02 47.903	1932.81	2	+0 4816	5626	8.6	+00 19	22 18 37.388	1933.47	3	-0 4346
5566	8.5	-00 28	22 02 53.944	1933.33	2	-0 4302	5630	8.1	+00 17	22 19 17.069	1933.11	3	-0 4350
5565	8.4	-01 46	22 02 54.396	1933.28	2	-2 5689	5631	9.0	+00 26	22 19 38.438	1933.32	2	+0 4861
5567	7.8	-00 05	22 02 59.595	1933.35	2	-0 4303	5632	8.8	+00 24	22 19 40.915	1933.27	2	+0 4862
5568	8.0	+00 18	22 03 08.685	1933.25	2	-0 4304	5634	8.8	+00 28	22 20 22.043	1933.45	3	+0 4865
5569	8.5	+01 27	22 03 16.265	1933.29	2	+1 4579	5635	7.5	+00 15	22 21 07.320	1934.25	2	-0 4353
5572	8.8	+01 02	22 03 38.126	1933.32	2	+0 4819	5636	9.0	+00 38	22 21 15.740	1933.26	2	+0 4868
5573	9.0	+00 55	22 03 39.078	1933.38	2	+0 4820	5637	8.2	+00 12	22 21 23.412	1934.45	3	-0 4354
5574	9.2	-00 54	22 03 47.980	1934.08	3	-1 4247	5638	7.8	-01 33	22 22 08.979	1932.77	2	-1 4290
5576	8.1	-01 05	22 04 26.553	1933.27	2	-1 4249	5639	9.0	+01 31	22 22 47.831	1932.75	2	+1 4607
5577	8.2	+00 14	22 04 40.672	1932.81	3	-0 4307	5640	4.8	+01 01	22 22 53.430	1933.27	2	+0 4872
5578	9.1	-01 10	22 04 57.569	1932.76	2	-1 4250	5641	9.0	-00 22	22 22 55.903	1933.26	2	-0 4356
5581	8.0	-00 00	22 06 14.652	1932.84	2	-0 4311	5642	9.0	-01 11	22 23 18.855	1932.83	2	-1 4292
5580	8.7	-00 17	22 06 14.747	1932.75	2	-0 4310	5643	8.2	-00 55	22 24 03.897	1932.76	2	-1 4294
5579	9.2	-01 46	22 06 15.606	1933.47	3	-2 5700	5644	8.8	+00 22	22 24 26.782	1932.75	2	-0 4359
5582	9.1	-00 07	22 06 18.983	1933.12	3	-0 4312	5646	8.9	-00 41	22 24 39.511	1932.77	2	-1 4296
5583	8.8	-01 21	22 06 32.902	1933.28	2	-1 4255	5645	7.6	-01 40	22 24 42.579	1933.51	4	-2 5761
5585	8.8	+01 17	22 06 59.505	1933.33	2	+0 4829	5649	9.8	-00 23	22 25 23.455	1932.76	2	-0 4365
5584	9.0	+00 21	22 07 00.129	1933.28	2	-0 4314	5648	8.5	+01 18	22 25 24.630	1932.83	2	-1 4297
5586	9.0	+00 11	22 07 12.149	1933.28	2	-0 4315	5650	8.9	-01 09	22 25 25.052	1932.75	2	-1 4299
5587	9.0	+00 06	22 08 51.668	1933.26	2	-0 4317	5651	8.8	-00 46	22 26 51.739	1932.75	2	-1 4301
5588	9.0	-01 21	22 09 09.782	1932.79	2	-1 4260	5652	8.2	-00 34	22 27 07.138	1932.77	2	-0 4369
5589	8.3	-01 35	22 09 21.391	1932.76	2	-1 4261	5653	8.8	-01 44	22 27 07.501	1932.77	2	-2 5767
5592	8.6	+00 50	22 09 21.790	1933.12	3	+0 4836	5654	9.3	-00 21	22 27 09.060	1933.15	2	-0 4368
5590	8.5	-00 43	22 09 26.001	1932.73	2	-1 4262	5655	8.5	-01 02	22 27 27.130	1932.79	2	-1 4303
5591	8.9	-01 04	22 09 27.545	1933.16	3	-1 4263	5658	9.0	+00 47	22 27 55.512	1932.80	2	+0 4884
5593	9.3	-01 36	22 10 38.259	1933.27	2	-1 4264	5657	8.5	-01 06	22 27 56.210	1932.77	2	-1 4305
5594	9.0	-01 03	22 10 42.249	1933.25	2	-1 4265	5660	8.8	-01 26	22 28 05.535	1933.09	3	-1 4306
5595	7.5	-00 06	22 10 54.648	1932.75	2	-0 4322	5661	9.0	+01 30	22 28 13.806	1933.32	2	+1 4621
5596	8.1	+00 32	22 11 25.034	1932.76	2	+0 4837	5662	9.0	-00 03	22 28 16.412	1933.26	2	-0 4372
5597	8.2	+01 16	22 11 25.236	1932.84	2	+0 4838	5663	9.0	+01 29	22 28 19.588	1933.28	2	+1 4622
5598	9.0	-01 00	22 11 42.442	1932.78	2	-1 4269	5664	9.0	+01 22	22 28 23.168	1933.32	2	+0 4886
5599	9.1	-01 47	22 11 51.638	1933.24	2	-0 5717	5666	9.1	-00 08	22 28 27.260	1932.77	2	-0 4374
5600	9.2	+00 04	22 11 51.678	1933.28	2	-0 4324	5665	8.6	-00 49	22 28 28.383	1932.78	2	-1 4307
5601	8.0	-00 18	22 11 57.220	1933.15	3	-0 4325	5667	9.1	+00 02	22 29 39.898	1932.83	2	-0 4377

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
5670	8.9	-01° 08'	22 ^h 30 ^m 14. ^s 635	1932.76	2	+0°4891	5738	8.6	+00°03'	22 ^h 51 ^m 48. ^s 750	1932.83	2	-0°4432
5669	8.9	-01 08	22 30 15.983	1933.14	3	-1 4309	5739	8.2	-01 25	22 51 53.633	1933.32	2	-1 4355
5671	8.3	+00 45	22 30 17.493	1933.10	3	+0 4892	5740	9.0	+00 21	22 52 21.558	1933.28	2	-0 4433
5672	8.4	-01 16	22 30 48.634	1933.27	4	-1 4311	5741	8.8	-01 09	22 52 33.251	1933.28	2	-1 4357
5673	9.0	-00 06	22 30 57.241	1932.84	2	-0 4380	5742	7.0	+00 41	22 52 34.109	1932.84	2	+0 4939
5675	8.6	-00 40	22 30 59.232	1932.80	2	-1 4314	5743	9.0	-01 25	22 52 40.187	1932.89	2	-1 4358
5676	8.6	+00 50	22 31 17.757	1933.01	4	+0 4894	5744	8.9	-01 43	22 52 57.954	1933.27	2	-2 5853
5677	8.2	+01 30	22 31 23.670	1933.17	3	+1 4626	5745	9.0	+01 05	22 54 18.851	1933.27	2	+0 4946
5680	9.5	-00 40	22 32 29.217	1933.32	2	-1 4320	5746	8.6	+00 31	22 54 26.991	1932.83	2	+0 4947
5682	9.2	-00 12	22 33 47.595	1933.29	2	-0 4385	5747	8.8	+01 14	22 54 32.465	1933.46	3	+0 4948
5686	9.2	-01 24	22 33 57.643	1933.32	2	-1 4325	5748	9.0	-00 52	22 54 34.971	1933.29	2	-1 4359
5688	9.0	-00 47	22 34 13.644	1933.53	2	-1 4328	5750	7.7	-00 42	22 55 27.549	1932.78	2	-1 4364
5689	8.0	-00 00	22 34 14.624	1932.77	2	-0 4387	5749	8.9	-00 57	22 55 57.092	1933.24	2	-1 4362
5690	8.7	-00 29	22 34 53.449	1933.28	2	-0 4388	5751	8.2	-01 33	22 55 42.384	1932.77	2	-1 4365
5691	9.0	-00 29	22 34 57.011	1933.26	2	-0 4389	5753	9.1	-01 16	22 57 07.020	1933.46	3	-1 4369
5692	9.0	-01 36	22 35 08.468	1933.27	2	-1 4329	5754	8.9	+00 01	22 57 12.228	1933.27	2	-0 4441
5695	9.2	-00 39	22 36 25.093	1933.27	2	-1 4332	5756	7.0	-00 11	22 58 12.797	1932.78	2	-0 4443
5696	8.4	-01 05	22 36 50.409	1932.77	2	-1 4336	5757	9.1	+00 53	22 58 24.506	1932.85	2	+0 4954
5697	8.6	+00 40	22 37 20.304	1932.83	2	+0 4904	5758	8.6	+00 42	22 58 53.049	1933.27	2	+0 4955
5698	8.6	+00 50	22 37 35.101	1932.84	2	+0 4905	5759	8.3	-00 15	22 58 59.186	1933.12	2	-0 4445
5699	9.1	-00 31	22 37 43.873	1933.26	2	-0 4397	5761	9.1	+01 00	22 59 30.612	1933.79	2	+0 4956
5700	8.0	-00 26	22 38 12.716	1933.25	2	-0 4399	5762	9.0	-01 35	22 59 36.392	1932.82	2	-1 4376
5701	9.0	+01 19	22 38 26.218	1933.27	2	+0 4906	5764	9.0	+00 54	22 59 52.837	1932.85	2	-0 4448
5702	8.9	-00 15	22 39 13.123	1933.12	3	-0 4403	5765	7.4	+00 04	22 59 59.214	1932.77	2	-0 4449
5703	8.8	-01 10	22 39 57.810	1932.81	2	-1 4339	5766	8.0	-00 59	23 00 00.600	1932.84	2	-1 4379
5704	8.6	+00 24	22 39 58.438	1932.81	2	+0 4911	5768	9.2	-00 57	23 00 21.219	1933.29	2	-0 4450
5705	7.5	-00 18	22 40 18.233	1933.11	3	-0 4405	5770	8.0	-00 48	23 00 42.562	1932.89	2	-1 4382
5706	7.5	-00 08	22 40 23.309	1932.83	2	-0 4406	5771	9.2	-00 38	23 01 13.277	1933.27	2	-1 4383
5707	8.0	+00 02	22 40 32.871	1933.14	3	-0 4407	5772	9.0	+00 17	23 01 34.380	1933.27	2	-0 4454
5708	7.5	+00 51	22 40 32.939	1932.86	2	+0 4912	5773	9.1	-01 27	23 01 38.585	1933.28	2	-1 4385
5709	9.0	-00 01	22 40 44.656	1932.77	3	-0 4408	5774	9.1	-01 32	23 01 43.075	1933.15	3	-1 4386
5710	8.8	-01 19	22 41 45.888	1932.77	2	-1 4340	5775	9.1	-00 55	23 02 03.406	1933.34	2	-1 4387
5711	9.0	-00 53	22 41 52.330	1932.77	2	-1 4341	5776	8.4	+01 13	23 02 06.715	1932.84	2	+0 4961
5712	8.8	+00 48	22 41 56.516	1933.15	3	+0 4917	5777	9.1	+00 40	23 02 14.237	1932.90	2	+0 4962
5713	9.0	+01 19	22 42 03.219	1933.14	3	+0 4918	5779	7.2	+00 56	23 02 52.260	1932.86	2	-0 4389
5714	9.0	-00 51	22 42 26.172	1932.83	2	-1 4342	5780	8.6	+01 23	23 03 02.301	1932.53	2	+0 4964
5715	7.8	-01 06	22 42 32.397	1932.52	3	-1 4343	5782	8.8	-00 34	23 04 11.279	1933.80	2	-0 4461
5716	9.0	+00 01	22 42 50.310	1932.73	2	-0 4410	5783	7.3	-00 41	23 05 20.155	1932.76	2	-1 4393
5717	8.4	-01 33	22 42 53.537	1932.84	2	-1 4345	5784	7.8	-00 53	23 06 00.029	1932.79	2	-1 4394
5718	8.9	+00 58	22 42 57.736	1932.77	2	+0 4920	5786	9.0	+00 11	23 06 28.985	1932.83	2	-0 4468
5719	8.0	+01 23	22 43 01.960	1933.75	2	+0 4921	5787	9.0	+00 02	23 08 26.497	1933.09	3	-0 4475
5721	9.0	-00 14	22 43 47.328	1932.77	2	-0 4414	5789	9.2	-01 31	23 09 15.587	1932.79	2	-1 4401
5722	9.1	+01 26	22 43 58.145	1932.79	2	+1 4649	5790	9.0	-00 09	23 09 19.860	1932.79	2	-0 4476
5723	8.8	+00 47	22 45 00.930	1933.13	3	+0 4923	5791	8.8	-00 35	23 09 45.091	1933.11	3	-0 4478
5724	9.2	+00 46	22 45 32.871	1933.13	3	+0 4924	5792	9.0	-01 11	23 10 32.774	1932.54	2	-1 4405
5725	9.1	+00 30	22 45 36.855	1932.84	2	+0 4925	5793	7.9	-00 21	23 10 34.835	1932.80	2	-0 4483
5726	8.7	+00 58	22 45 41.155	1932.81	2	+0 4926	5794	8.7	-00 49	23 10 41.122	1933.28	2	-1 4406
5727	9.3	-01 38	22 46 09.331	1932.86	2	-1 4349	5795	8.1	+00 33	23 11 04.419	1933.14	3	+0 4978
5728	8.8	+01 32	22 46 28.467	1932.78	2	+1 4651	5797	8.8	-01 26	23 11 29.023	1932.77	2	-1 4409
5729	9.1	-00 04	22 47 10.802	1933.12	3	-0 4422	5796	9.0	-00 39	23 11 46.402	1932.75	2	-1 4407
5730	8.9	-00 31	22 47 27.087	1932.81	2	-0 4423	5798	7.8	+00 56	23 13 17.698	1933.78	2	+0 4982
5731	7.8	-00 57	22 48 17.803	1933.09	3	-1 4351	5799	9.2	-00 25	23 13 25.580	1933.14	3	-0 4489
5732	8.8	+01 30	22 48 20.644	1932.83	2	+1 4656	5800	8.9	+00 17	23 13 32.914	1932.77	2	-0 4491
5733	8.6	+01 24	22 49 17.665	1933.04	4	+1 4657	5802	8.6	+00 51	23 14 41.445	1932.81	2	+0 4984
5735	9.1	-00 55	22 51 05.816	1932.84	2	-1 4354	5803	9.0	+00 07	23 15 42.311	1933.18	3	-0 4496
5737	7.7	+01 28	22 51 27.374	1932.77	2	+1 4662	5804	9.0	-00 25	23 15 52.068	1932.78	2	-0 4497
5736	9.1	+00 08	22 51 29.351	1933.28	2	-0 4430	5806	9.0	+00 08	23 16 04.347	1933.55	4	-0 4499
							5808	9.2	-00 51	23 16 28.228	1933.29	2	-1 4417

N	m	δ	α	epo	n	BD	N	m	δ	α	epo	n	BD
5809	9.4	-01° 38'	23 ^h 18 ^m 01. ^s 671	1933.48	3	-2° 5936	5875	9.0	-01° 29'	23 ^h 39 ^m 31. ^s 579	1933.32	2	-1° 4477
5810	8.5	-00 47	23 19 58.352	1933.12	2	-1 4420	5879	8.8	+00 31	23 40 49.470	1932.82	2	+0 5039
5812	9.1	-01 07	23 20 09.776	1933.27	2	-1 4422	5880	8.4	-00 33	23 40 52.441	1932.83	2	-0 4560
5813	8.5	-01 32	23 20 14.995	1933.31	2	-1 4423	5881	8.4	-01 06	23 40 53.022	1932.90	2	-1 4479
5814	8.6	-01 20	23 20 59.359	1933.56	4	-1 4426	5883	9.2	-00 59	23 41 30.901	1933.30	2	-1 4483
5815	7.2	-00 06	23 21 08.469	1933.48	4	-0 4509	5884	8.5	+00 19	23 41 54.596	1933.34	2	-0 4561
5816	8.2	-01 16	23 21 18.072	1932.79	2	-1 4427	5885	9.1	-01 30	23 41 59.853	1933.32	2	-1 4484
5817	9.0	-01 42	23 21 21.686	1933.29	2	-2 5947	5886	7.3	-01 03	22 42 35.707	1933.13	3	-1 4485
5818	9.0	-00 05	23 21 33.043	1933.32	2	-0 4511	5887	9.0	-01 22	23 42 53.118	1933.29	2	-1 4486
5819	8.8	-01 21	23 22 06.400	1933.18	5	-1 4429	5888	8.9	+01 17	23 43 23.486	1933.14	3	+0 5042
5820	8.8	-00 37	23 22 58.728	1932.81	2	-1 4431	5890	9.3	+00 11	23 43 55.092	1933.33	2	-0 4565
5821	8.9	+00 09	23 23 12.420	1933.29	2	-0 4514	5891	7.7	+00 09	23 44 12.564	1933.86	2	-0 4566
5823	9.2	-00 53	23 23 46.123	1932.87	2	-1 4435	5893	9.0	+00 47	23 45 04.874	1933.28	2	+0 5049
5822	8.7	-00 51	23 23 46.712	1933.26	2	-1 4434	5894	7.6	-01 09	23 45 17.509	1933.20	3	-1 4489
5824	9.0	+01 19	23 24 24.994	1933.33	2	+0 4997	5895	8.4	-01 10	23 45 50.478	1933.79	2	-1 4490
5827	7.2	+00 44	23 24 51.034	1933.33	2	+0 4999	5896	9.0	+00 37	23 46 15.709	1932.87	2	+0 5052
5828	9.0	+00 20	23 25 01.084	1933.32	2	-0 4516	5898	6.6	+00 41	23 47 23.183	1933.16	3	+0 5054
5829	8.0	+01 30	23 25 19.717	1933.32	2	+1 4725	5899	8.8	+01 32	23 47 55.705	1932.77	2	+1 4783
5830	9.1	-01 23	23 26 09.038	1933.29	2	-1 4439	5900	9.0	+01 07	23 49 42.009	1933.13	3	+0 5063
5831	7.8	-01 13	23 26 22.672	1933.34	2	-1 4440	5901	8.4	+01 07	23 49 52.175	1933.27	3	+0 5064
5832	8.9	+00 53	23 26 35.238	1933.33	2	+0 5003	5902	9.4	-01 12	23 50 19.037	1933.30	2	-1 4495
5833	9.1	-01 26	23 26 57.086	1933.34	2	-1 4442	5903	9.0	+00 20	23 50 27.068	1933.30	2	-0 4578
5834	6.8	-01 25	23 27 06.428	1933.29	2	-1 4443	5904	8.4	+01 19	23 51 08.079	1933.17	3	+0 5066
5836	8.4	+00 47	23 27 32.240	1933.32	2	+0 5008	5905	9.2	-01 40	23 51 24.025	1932.87	2	-2 6057
5837	9.0	-00 34	23 27 57.093	1933.32	2	-0 4520	5906	8.0	+00 12	23 51 27.140	1932.87	2	-0 4581
5838	7.6	+00 29	23 28 17.033	1933.29	2	+0 5009	5910	7.0	-00 17	23 52 21.457	1932.82	2	-0 4585
5839	8.6	-00 59	23 28 38.445	1933.48	3	-1 4446	5911	8.6	-00 40	23 52 26.829	1932.83	2	-1 4500
5840	8.9	+00 50	23 29 22.078	1933.30	2	+0 5012	5912	9.1	-01 28	23 52 57.173	1932.81	2	-1 4501
5841	6.5	-01 28	23 29 31.729	1932.86	2	-1 4450	5913	8.9	+00 18	23 53 09.767	1932.77	2	-0 4588
5842	8.8	-01 14	23 30 21.247	1932.81	2	-1 4451	5915	9.4	+01 10	23 53 43.753	1933.30	2	+0 5069
5843	9.4	-00 48	23 30 28.757	1933.34	2	-1 4452	5918	8.9	-01 19	23 54 03.448	1933.15	3	-1 4504
5844	9.4	-01 39	23 30 29.561	1933.35	2	-2 5982	5916	8.8	+00 06	23 54 04.349	1933.88	2	-0 4592
5845	8.9	-00 12	23 30 33.129	1933.33	2	-0 4523	5919	9.0	+01 32	23 54 06.775	1933.38	2	+1 4804
5848	9.2	-01 10	23 31 27.863	1933.51	3	-1 4455	5921	9.0	+00 18	23 54 18.038	1933.30	2	-0 4593
5850	6.5	-01 38	23 31 42.623	1932.90	2	-2 5986	5922	9.0	-00 54	23 54 26.223	1933.30	2	-1 4506
5849	8.8	-00 49	23 31 43.384	1933.32	2	-1 4456	5924	9.0	-00 31	23 55 39.479	1932.77	2	-0 4596
5851	8.8	-00 43	23 32 03.097	1932.88	2	-1 4457	5925	9.0	-00 58	23 56 44.445	1932.91	2	-1 4512
5852	8.9	+00 50	23 32 08.722	1933.29	2	+0 5015	5926	8.2	-00 53	23 56 47.266	1933.32	2	-1 4513
5853	9.0	-00 12	23 32 43.580	1933.34	2	-0 4532	5927	7.2	-00 40	23 57 22.840	1933.33	2	-1 4514
5854	9.0	-01 01	23 32 58.080	1932.83	2	-1 4458	5929	8.9	-01 35	23 57 27.036	1933.39	2	-2 6073
5855	7.2	+00 56	23 33 05.286	1933.28	2	+0 5018	5928	9.0	+01 29	23 57 27.062	1933.32	2	-1 4813
5856	9.0	-00 42	23 33 47.160	1932.89	4	-1 4459	5930	9.0	+00 42	23 57 36.615	1933.30	2	+0 5077
5859	8.0	-01 43	23 34 40.556	1932.84	2	-2 6000	5931	7.6	-00 45	23 57 47.764	1933.31	2	-1 4515
5857	9.2	-01 30	23 34 46.618	1933.29	2	-1 4460	5932	9.0	-00 10	23 58 02.292	1932.83	2	-0 4601
5858	9.0	-01 26	23 34 52.101	1933.24	2	-1 4462	5933	8.8	+00 41	23 58 10.737	1933.30	2	+0 5080
5861	8.9	-01 15	23 35 51.431	1933.15	3	-1 4466	5934	8.2	-00 10	23 58 13.520	1932.84	2	-0 4603
5863	8.9	+01 33	23 36 02.368	1933.33	2	+1 4752	5936	8.0	-00 28	23 58 44.674	1932.77	2	-0 4605
5864	9.1	-00 16	23 36 40.676	1933.25	2	-0 4543	5937	9.0	-00 05	23 59 02.455	1932.79	2	-0 4606
5865	9.0	-01 22	23 37 03.130	1933.32	2	-1 4468	5939	9.0	-01 32	23 59 18.330	1933.31	2	-1 4516
5866	9.0	-01 08	23 37 20.355	1933.13	3	-1 4469	5940	8.8	-00 36	23 59 18.676	1933.35	2	-1 4517
5867	9.0	-01 08	23 37 37.104	1933.81	2	-1 4472	5941	9.0	-00 16	23 58 34.504	1933.30	2	-0 4608
5869	9.1	+00 00	23 38 01.451	1933.32	2	-0 4546	5944	8.0	-01 17	23 59 33.418	1933.28	2	-1 4520
5870	9.0	-01 45	23 38 06.279	1933.39	2	-2 6014	5942	9.0	+00 02	23 59 42.439	1933.37	2	-0 4609
5871	7.8	+00 02	23 38 16.850	1933.35	2	-0 4547	5943	9.0	-00 51	23 59 50.025	1933.34	2	-1 4518
5872	8.6	-00 46	23 38 18.240	1933.32	2	-1 4473	5945	9.0	-00 33	23 59 52.930	1932.82	2	-0 4612
5873	9.0	-01 08	23 38 31.333	1933.47	3	-1 4474							
5874	9.0	-00 23	23 39 30.566	1933.33	2	-0 4553							
5877	8.9	-00 09	23 39 31.028	1932.77	2	-0 4558							

Наукове видання

Вісті Одеської астрономічної обсерваторії

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