OBSERVATORIO ASTRONÓMICO DE LA UNIVERSIDAD NACIONAL DE LA PLATA

DIRECTOR: ING° FÉLIX AGUILAR

SERIE ASTRONÓMICA (Antes Publicaciones). — Tomo XIX

CATALOGO DE 5710 ESTRELLAS GALACTICAS AUSTRALES

OBSERVADAS POR

HUGO A. MARTÍNEZ

Astrónomo en el Observatorio Astronómico

LA PLATA

OBSERVATORIO ASTRONÓMICO

—

1943

Imprenta y Casa Editora «Coni», Perú 684, Buenos Aires

UNIVERSIDAD NACIONAL DE LA PLATA

(1943)

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INTRODUCCIÓN

En la reunión de 1932 de la Unión Astronómica Internacional fué considerado un proyecto de H. Mineur que proponía la observación de unas siete mil estrellas en la zona central de la Galaxia, elegidas dando preferencia a las de clase espectral O y B y tratando de obtener una densidad uniforme de 10 estrellas por grado cuadrado sobre una faja de dos grados de ancho. El objeto perseguido era lograr material para la determinación de los movimientos propios de estrellas muy lejanas. El proyecto contó con el apoyo de la comisión de astronomía meridiana, y poco después los observatorios de París, Uccle, Besançon, Bordeaux y Strasbourg, decidieron colaborar en su realización, distribuyéndose la observación de las estrellas situadas al norte de — 15° de declinación. En la reunión de 1935 la Unión Astronómica Internacional volvió a considerar el proyecto, y la Asamblea General aprobó la siguiente resolución :

« Que l'Union attire l'attention des observatoires sur la proposition relative à l'observation des étoiles galactiques, en vue de l'étude des mouvements propres des étoiles lointaines des cette zone, qu'elle récommende aux observatoires qui en ont la posibilité, *et particulièrement à ceux de l'hémisphère sud,* d'entreprendre ce travail et de se mettre en rapport à ce sujet avec l'Observatoire de Paris. »

Este voto del alto organismo movió al señor director del Observatorio de La Plata, ingeniero Félix Aguilar, a disponer la colaboración del instituto a su cargo en la referida empresa, teniendo a bien encomendar al suscrito la realización de los trabajos pertinentes.

Se decidió efectuar dos observaciones de cada una de las estrellas galácticas situadas al sur de — 15°, de un programa que se preparó, tomando como guía el que, bajo la dirección de A. Lambert en el observatorio de París, habían preparado para las del norte de — 15°. Pero además, a fin de facilitar la conexión con trabajos similares efectuados por los observatorios del hemisferio norte, se resolvió observar unas 70 estrellas del programa de París en cada uno de los extremos de la faja Galáctica Austral ; estas estrellas están marcadas en el catálogo con un asterisco (*). Fuera de estas estrellas de programa, nuestro catálogo incluye otras pocas, que fueron observadas debido a error de identificación.

Como sistema fundamental se decidió usar el F. K_3 de A. Kopff y colaboradores.

Las observaciones fueron efectuadas con dos instrumentos, desde el 21 de abril 1938 hasta el 7 septiembre del mismo año se usó el Gran Círculo Meridiano Gautier de 213 milímetros de abertura y 280 centímetros de distancia focal provisto de micrómetro impersonal Repsold; en este período quedaron observadas alrededor de 1000 estrellas. En 1939 fué desmontado el instrumento Gautier y en su sitio instalado el Círculo Meridiano Repsold de 190 milímetros de abertura y 225 centímetros de distancia focal, provisto del mismo micrómetro impersonal antes usado, que es el propio de este instrumento.

Previa determinación de los valores de los tornillos de ascensión recta y declinación, se procedió a estudiar el comportamiento del nuevo círculo meridiano, reobservando unas 200 estrellas de las ya observadas con el otro instrumento, llegándose a la conclusión de que la precisión lograda con uno u otro instrumento era prácticamente la misma y que el cambio no comprometía la homogeneidad del catálogo en elaboración. Establecido esto se continuó el trabajo en forma sistemática, observándose entre el 13 de febrero de 1940 y el 11 de febrero del 1942 el resto de la lista, aproximadamente unas 2700 estrellas.

El conjunto de estrellas a observar fué dividido en programas de una hora de duración, cada uno de los cuales incluía alrededor de 22 estrellas.

Por lo general, en cada noche se observaban seguidamente cuatro de estos programas. La reducción se apoya en unas doce estrellas fundamentales y en dos parejas de polares. El trabajo se iniciaba tomando una buena cantidad de fundamentales y una pareja de polares en los treinta minutos anteriores al principio de la observación de los programas; durante el curso de ésta se agregaban algunas fundamentales, utilizando intervalos disponibles; y se terminaba la labor tomando, en los veinte minutos siguientes al fin del último programa, varias fundamentales más y la segunda pareja de polares. Cada estrella era seguida durante dos rotaciones completas del tornillo en ascensión recta, leyéndose diez marcaciones centrales del registro cronográfico obtenido. Casi sin excepción fué usado el péndulo Riefler 325 con contactos cada dos segundos que sobre el cronógrafo Favarger a dos plumas fuentes aparecen a dos milímetros de separación. En declinación, el observador efectuaba una bisección en el campo del anteojo y el ayudante leía los cuatro microscopios de un mismo lado del instrumento (trabajando con el círculo Gautier fueron leídos los microscopios del este, con el círculo Repsold los del oeste). La inclinación del eje del instrumento fué determinada cada noche, pero mientras que con el círculo Gautier fué usado a este efecto el baño de mercurio, con el círculo Repsold se utilizó el gran nivel colgante de que está provisto. La colimación fué determinada cada mes aproximadamente invirtiendo el anteojo sobre el baño de mercurio. El run de los microscopios fué determinado cada noche. La temperatura y presión reinantes fueron anotadas con suficiente frecuencia.

En la reducción se adoptaron los siguientes valores:

Círculo Gautier

Valor de una revolución del tornillo en ascensión recta	3ˢ.258
» » declinación	14″.56

Círculo Repsold

Valor de una revolución del tornillo en ascensión recta	4ˢ.072
» » declinación	18″.35

La graduación de los círculos de ambos instrumentos está incompletamente estudiada, disponiéndose solamente de correcciones para trazos correspondientes a grados enteros; para trazos intermedios se ha interpolado esos valores disponibles en la confianza de lograr así un valor en general bastante aproximado de la verdadera corrección. Los valores usados para el círculo Gautier son los consignados en la publicación del Observatorio de La Plata, tomo VI, entrega 4. Los usados para el Repsold fueron derivados de

medidas del señor Ricardo Lasalle, efectuadas y reducidas bajo la dirección del señor Juan José Nissen, quien dará próximamente los valores definitivos apoyados en sus propias medidas. A continuación se dan los valores de las correcciones de trazo usadas.

Correcciones de trazo

Indice	Círculos I	Círculos II	Trazo	Indice	Círculos I	Círculos II	Trazo	Indice	Círculos I	Círculos II	Trazo
0....	+0".12	+0".11	48	30....	+0".29	+0".44	78	60....	−0".02	−0".04	18
1....	— .03	+ .09	49	31....	+ .34	+ .33	79	61....	— .15	— .05	19
2....	— .01	+ .10	50	32....	+ .24	+ .11	80	62....	+ .13	+ .07	20
3....	+ .01	— .01	51	33....	+ .22	+ .21	81	63....	+ .16	+ .11	21
4....	— .03	+ .07	52	34....	+ .28	+ .36	82	64....	— .04	— .04	22
5....	— .06	— .11	53	35....	+ .14	+ .16	83	65....	+ .05	+ .10	23
6....	— .06	+ .01	54	36....	+ .15	.00	84	66....	+ .09	— .13	24
7....	.00	+ .14	55	37....	+ .12	+ .17	85	67....	+ .08	+ .08	25
8....	+ .10	+ .14	56	38....	+ .24	+ .12	86	68....	+ .07	+ .09	26
9....	+ .29	+ .32	57	39....	+ .29	+ .08	87	69....	+ .23	— .20	27
10....	+ .20	+ .44	58	40....	+ .04	— .10	88	70....	+ .28	−2.37	28
11....	+ .13	+ .51	59	41....	+ .11	+ .01	89	71....	+ .04	−2.82	29
12....	+ .04	+ .24	60	42....	+ .24	— .20	0	72....	— .02	−1.61	30
13....	— .08	+ .13	61	43....	+ .27	— .25	1	73....	+ .05	+ .02	31
14....	— .09	— .12	62	44....	+ .23	— .19	2	74....	— .06	— .10	32
15....	+ .11	+ .11	63	45....	+ .18	— .17	3	75....	— .12	— .38	33
16....	— .05	+ .09	64	46....	+ .02	— .26	4	76....	— .31	— .13	34
17....	— .08	+ .14	65	47....	— .12	— .19	5	77....	— .48	— .76	35
18....	— .18	+ .02	66	48....	— .01	— .20	6	78....	— .40	— .61	36
19....	— .16	+ .05	67	49....	— .02	— .28	7	79....	— .24	— .16	37
20....	— .28	— .07	68	50....	+ .22	+ .01	8	80....	— .07	+ .14	38
21....	— .28	— .01	69	51....	+ .06	— .01	9	81....	— .06	— .14	39
22....	— .40	— .17	70	52....	+ .14	+ .01	10	82....	— .34	— .50	40
23....	— .31	— .03	71	53....	— .04	— .16	11	83....	— .23	— .06	41
24....	— .23	— .18	72	54....	+ .08	— .09	12	84....	— .34	— .06	42
25....	— .08	+ .03	73	55....	— .03	— .18	13	85....	— .24	— .19	43
26....	+ .23	+ .31	74	56....	— .17	— .12	14	86....	— .08	— .18	44
27....	+ .13	+ .25	75	57....	— .34	— .21	15	87....	— .19	— .12	45
28....	+ .06	+ .27	76	58....	— .25	— .24	16	88....	— .03	— .08	46
29....	+ .35	+ .31	77	59....	— .16	— .18	17	89....	+ .19	.00	47

Observación. — Se le ha llamado I al círculo contiguo al freno. Cuando en el anteojo de calaje aparece el trazo 0° en los microscopios aparecen los trazos 48, 138, 228 y 318. Los valores de la tabla tienen el sentido de correcciones al promedio de la lectura de los cuatro microscopios.

Para la reducción de los tránsitos fué usada la fórmula de Bessel. En declinación, las refracciones se calcularon con las tablas de Albrecht (*Formeln und Hilfstafeln*, 4ª edición, 1908); el punto del ecuador fué considerado constante durante cada noche. Para pasar a la posición media de principio de año fueron despreciados los pequeños términos lunares. En el cálculo de la precesión se usaron los valores dados por Newcomb.

Para tener una idea de la precisión del *Catálogo*, se eligieron unas 350 estrellas, según un plan prefijado que aseguraba una buena distribución de las mismas sobre la faja galáctica observada; en base a

las discrepancias de la primera y segunda observación de cada una de esas estrellas resultó como error medio reducido al ecuador :

para ...	12°	20°	25°	30°	35°	40°	45°	50°	55°	60°	62°5	64°
α	0″44	.36	.33	.35	.36	.34	.34	.29	.26	.27	.27	.26
δ	0″24	.31	.24	.25	.22	.17	.22	.30	.26	.21	.26	.24

Todas las observaciones fueron efectuadas por el suscrito, asistido por el señor Silvio Mangariello como ayudante encargado de los calajes y lectura de los microscopios. En las reducciones, cálculos y preparación del manuscrito participaron el suscrito, los señores Silvio Mangariello, Jorge Garbarino y Angel Baldini.

Al final del volumen se encontrarán tres apéndices, en los que se ha apuntado el resultado de la comparación de nuestras posiciones con las dadas por otros catálogos.

El apéndice I es la comparación con el *General Catalogue* de Boss, se ha descontado el efecto del movimiento propio entre la época de nuestra observación y 1950.0

En el apéndice II se da la comparación con diversos catálogos del tipo *Astronomische Gessellschaft,* a saber: Wien-Ottakring, de $-6°$ a $-10°$; Cambridge, de $-10°$ a $-14°$; Wáshington, de $-14°$ a $-18°$; D'Alger, de $-18°$ a $-23°$; Córdoba A, de $-22°$ a $-27°$; Córdoba B, de $-27°$ a $-32°$; Córdoba C, de $-32°$ a $-37°$; La Plata F, de $-47°$ a $-52°$; La Plata A, de $-52°$ a $-57°$; La Plata B, de $-57°$ a $62°$; La Plata C, de $-62°$ a $-66°$.

Esta pequeña lista permite establecer a cuál de dichos catálogos se refiere la comparación.

El apéndice III es la comparación con los recientes catálogos fotográficos de Schlisinger, volumen 13, parte I y II y 14 entre 7^h23^m a 8^h21^m y 17^h29^m a 18^h9^m, para esta comparación no se han tenido en cuenta los movimientos propios.

HUGO ARTURO MARTÍNEZ.

La Plata, agosto de 1943.

P. D. Muy poco tiempo después de ser entregado a la imprenta el manuscrito de este *Catálogo*, ha ocurrido el fallecimiento del director de nuestro Observatorio, ingeniero Don Félix Aguilar. El presente trabajo, emprendido a indicación suya, contó durante todo su desarrollo con su benevolente atención y consejo ; éstos y muchos otros motivos, obligan al autor a dejar constancia de su más profundo reconocimiento.

CATÁLOGO

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	B. D.
1	9.1	7h 8m48s38	+2s7917	−0s0001	−12°26′20″6	−5″928	−0″386	41.0	2	12°1825
* 2	7.4	49.14	2.8700	.0005	9 2 59.9	5.928	.397	40.1	4-3	8 1779
* 3	9.1	52.65	2.7917	.0001	12 26 30.7	5.933	.386	41.3	3	12 1827
* 4	8.1	53.13	2.8377	.0003	10 27 28.5	5.934	.393	40.2	3	10 1906
* 5	9.0	53.74	2.8662	.0005	9 12 57.3	5.935	.397	40.1	3	9 1895
* 6	7.5	7 8 57 48	+2.8030	−0.0002	−11 57 22.7	−5.940	−0.388	40.4	3-2	11 1830
* 7	7.5	58.76	2.8403	.0004	10 20 42.2	5.942	.393	40.9	2	10 1908
* 8	9.0	9 5.94	2.7838	.0001	12 46 53.8	5.952	.385	40.9	2	12 1829
* 9	7.8	8.99	2.7790	.0000	12 59 13.2	5.956	.384	40.9	2	12 1832
* 10	9.0	30.82	2.7487	+ .0001	14 16 47.3	5.987	.380	41.6-41.5	3-2	14 1761
* 11	9.1	7 9 47.01	+2.8520	−0.0004	− 9 50 58.0	−6.009	−0.394	41.0	3	9 1901
* 12	9.1	52.66	2.8031	.0002	11 58 7.0	6.017	.387	41.1	2	11 1837
* 13	8.8	10 4.03	2.8470	.0004	10 4 12.4	6.033	.393	41.1	2	9 1903
* 14	9.0	8.79	2.8024	.0002	12 0 7.6	6.039	.387	41.1	2	11 1841
* 15	8.7	25.87	2.8028	.0002	11 59 32.1	6.063	.387	41.1	2	11 1845
* 16	8.5	7 10 36.08	+2.7958	−0.0002	−12 17 37.1	−6.077	−0.386	41.1	2	12 1842
* 17	9.0	39.47	2.7827	.0001	12 51 6.3	6.082	.384	41.2	2	12 1844
* 18	9.0	46.95	2.7784	.0001	13 2 23.5	6.092	.383	41.2	2	12 1847
* 19	9.0	11 9.79	2.8393	.0004	10 25 16.6	6.124	.391	41.2	2	10 1925
* 20	8.1	38.31	2.8408	.0004	10 21 43.2	6.164	.391	41.2	2	10 1928
* 21	7.9	7 11 52.18	+2.7863	−0.0002	−12 43 22.0	−6.184	−0.384	41.2	2	12 1860
* 22	9.0	58.34	2.7930	.0002	12 26 20.2	6.191	.384	41.2	2	12 1861
* 23	6.4	12 6.06	2.8440	.0004	10 13 43.6	6.202	.392	41.3	2	10 1933
* 24	8.6	8.02	2.8000	.0002	12 8 22.4	6.205	.385	41.9	2	11 1853
* 25	8.8	9.26	2.7453	.0000	14 28 21.8	6.207	.378	40.1	3	14 1784
* 26	9.0	7 12 11.26	+2.8446	−0.0005	−10 12 17.9	−6.209	−0.392	41.9	2	10 1934
* 27	9.1	16.17	2.7553	.0000	14 3 7.6	6.216	.379	40.1	2-3	13 1895
* 28	8.3	39.40	2.8084	.0003	11 46 56.0	6.248	.387	41.0	2	11 1858
* 29	7.0	51.51	2.7445	.0000	14 31 15.8	6.265	.377	40.2	2	14 1790
* 30	8.7	13 4.85	2.8312	.0004	10 48 2.1	6.284	.389	40.4	3	10 1943
* 31	8.7	7 13 6.41	+2.7637	0.0000	−13 42 41.6	−6.286	−0.380	40.9	2	13 1901
* 32	8.7	13.05	2.7693	− .0001	13 28 33.9	6.295	.380	40.9	2	13 1902
* 33	8.5	32.52	2.7758	.0001	13 11 56.5	6.322	.381	41.4	2	13 1904
* 34	7.3	33.68	2.7814	.0001	12 57 46.5	6.324	.382	41.0	3-2	12 1871
* 35	8.5	33.89	2.7475	.0000	14 24 32.2	6.324	.377	41.1	2	14 1795
* 36	8.4	7 13 33.95	+2.8229	−0.0004	−11 10 10.1	−6.324	−0.388	40.9	2	11 1863
* 37	8.1	37.60	2.7933	.0002	12 27 14.0	6.329	.384	41.4-41.5	3-2	12 1872
* 38	8.0	44.63	2.7607	.0000	13 51 12.1	6.339	.379	41.1	2	13 1905
* 39	8.3	48.15	2.7566	.0000	14 1 32.1	6.343	.378	41.1	2	13 1906
* 40	7.2	48.57	2.7474	.0000	14 25 13.5	6.344	.377	41.2	2	14 1797
* 41	9.1	7 13 49.96	+2.8318	−0.0004	−10 47 10.9	−6.346	−0.389	41.5	2	10 1951
* 42	8.9	52.93	2.7658	.0001	13 38 17.2	6.350	.380	41.2	2	13 1908
* 43	9.1	14 1.70	2.8039	.0003	12 0 3 7	6.362	.385	41.2	2	11 1866
* 44	9.1	1.74	2.8268	.0004	11 0 35.5	6.363	.388	41.2	2	10 1954
* 45	9.0	13.91	2.7390	.0000	14 47 5.0	6.379	.376	41.2	2	14 1803
* 46	9.0	7 14 22.24	+2.7340	+0.0001	−14 59 43.3	−6.391	−0.375	41.2	2	14 1805
* 47	7.5	23.83	2.7724	− .0001	13 21 52.3	6.393	.380	41.3	2	13 1913
* 48	7.3	28.64	2.7672	.0001	13 35 27.6	6.399	.380	41.9	2	13 1914
* 49	8.0	39.21	2.7571	.0000	14 1 20.6	6.414	.378	41.9	2	13 1916
* 50	8.5	47.24	2.7868	.0002	12 45 20.6	6.425	.382	40.1	4	12 1883

N°	Mag.	α 1950.0	Prec	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	B. D.
* 51	9.3	7h14m47s.61	+2s.7860	−0s.0002	−12°47′ 10″.9	−6″.426	−0″.382	40.1	3	12°1884
* 52	8.2	48.70	2.7398	.0000	14 45 26.6	6.427	.375	41.0	2	14 1810
53	8.9	49.04	2.7014	+ .0002	16 22 33.6	6.428	.370	40.4	3	16 1870
* 54	7.8	49.32	2.7601	— .0001	13 53 56.1	6 428	.378	40.2	2	13 1919
* 55	8.8	15 7.27	2.7620	.0001	13 49 29.8	6.453	.378	40.9	2	13 1920
56	9.2	7 15 7.46	+2.7880	−0.0002	−12 42 33.2	−6.453	−0.382	41.4-41.9	2-3	12 1886
* 57	9.0	24.01	2.7528	.0000	14 13 8.6	6.476	.377	41.3	3	14 1814
* 58	9.0	27.80	2.7365	.0000	14 54 39.4	6.481	.375	41.3-41.4	3-2	14 1876
59	8.9	28.06	2.8076	.0003	11 51 58.9	6.481	.384	41.0	3	11 1879
* 60	9.0	38.96	2.7671	.0001	13 36 51.1	6.497	.379	41.1	2	13 1923
* 61	7.7	7 15 39.67	+2.7629	0.0000	−13 47 50.2	−6.497	−0.378	41.1	2	13 1924
62	9.2	39.95	2.6793	+ .0003	17 18 45.0	6.498	.367	41.1	2	17 1901
* 63	8.3	45.01	2.7673	— .0001	13 36 32.2	6.505	.379	41.1	2	13 1925
* 64	8.3	45.46	2.7675	.0001	13 36 7.8	6.505	.379	41.1	2	13 1926
65	9.0	46.80	2.7270	+ .0001	15 19 26.1	6.507	.383	41.2	2	15 1743
66	8.7	7 15 53.52	+2.7220	+0.0001	−15 32 11.7	−6.517	−0.372	41.2	2	15 1748
67	9.1	16 1.67	2.6935	.0002	16 43 54.7	6.528	.368	41.9	2	16 1881
68	9.0	13.90	2.6848	.0002	17 5 51.6	6.545	.367	41.2	2	16 1885
69	8.0	22.18	2.6980	.0002	16 33 11.2	6.556	.369	41.2	2	16 1886
70	8.6	29.24	2.7068	.0002	16 11 6.7	6.566	.370	41.9	2	16 1887
71	8.9	7 16 29.25	+2.7261	+0.0001	−15 22 32.0	−6.566	−0.373	41.3	2	15 1753
72	9.2	40.48	2.7692	— .0002	13 32 42.9	6.581	.378	41.3	3	13 1938
73	8.9	48.93	2.7152	+ .0001	15 50 25.6	6.593	.371	41.9	2	15 1758
74	7.1	49.35	2.6846	.0003	17 7 10.6	6.594	.367	40.1	4	16 1892
* 75	8.6	51.02	2.7472	.0000	14 29 23.3	6.596	.375	40.1	3-2	14 1825
* 76	8.8	7 16 52.21	+2.7696	−0.0002	−13 31 48.8	−6.597	−0.378	41.9	2	13 1941
77	8.8	17 3.41	2.7956	.0003	12 24 47.3	6.613	.382	40 2	2	12 1898
78	8.8	3.99	2.6946	+ .0002	16 42 39.1	6.615	.368	40.4	3	16 1895
79	6.9	4.53	2.6772	.0003	17 25 55.4	6.615	.366	40.9	2	17 1917
80	9.2	16.49	2.7714	— .0002	13 27 54.7	6 631	.378	40.9	2	13 1944
81	8.0	7 17 17.61	+2.7166	−0.0001	−15 47 34.7	−6.633	−0.371	41.0	2	15 1766
82	9.0	21.75	2.8024	.0003	12 7 32.4	6.638	.382	40.9	2	11 1889
83	8.5	28.96	2.7316	.0000	15 9 59.1	6.648	.373	41.0	3	14 1834
* 84	8.8	34.18	2.7665	.0001	13 40 41.5	6.655	.378	41.1	2	13 1948
* 85	8.2	51.56	2.7614	.0001	13 54 13.8	6.679	.377	41.1	2	13 1951
86	8.7	7 17 53.23	+2.8009	−0.0003	−12 11 54.6	−6.681	−0.382	41.1	2	12 1904
87	8.7	57.13	2.6941	+ .0002	16 45 6.9	6.687	.367	41.1	2	16 1904
* 88	8.5	18 5.02	2.7723	— .0002	13 26 34.4	6.698	.378	41.1	2	13 1953
89	8.5	5.23	2.6696	+ .0003	17 46 17.9	6.698	.364	41.5-41.4	3-3	17 1923
90	9.1	23.93	2.6830	.0002	17 13 34.9	6.724	.366	41.2	2	17 1924
91	8.6	7 18 26.05	+2.6589	+0.0003	−18 13 21.9	−6.726	−0.362	41.2	2	18 1793
92	9.1	26.42	2.7113	.0001	15 2 37.7	6.727	.369	41.2	2	15 1774
93	8.2	31.05	2.6366	.0004	19 7 59.5	6.733	.359	41.2	2	18 1794
94	9.1	34.02	2.6521	.0004	18 30 14.8	6.733	.361	40.9	3	18 1795
95	6.2	40.60	2.7034	— .0001	14 15 56.2	6.746	.375	41.2	2	14 1846
96	8.5	7 18 48.34	+2.6956	+0.0002	−16 42 43.0	−6.757	−0.367	41.9	2	16 1911
* 97	8.8	55.37	2.7535	— .0001	14 15 52.2	6.767	.375	41.9	2	14 1853
* 98	8.8	57.12	2.7604	.0001	13 58 9 7	6.769	.376	40.1	4	13 1963
99	8.7	58.83	2.7068	+ .0003	16 14 38.8	6.772	.368	40.1	3	16 1914
100	8.5	19 6.67	2.6520	.0004	18 31 27.3	6.782	.361	41.0	2	18 1798

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	B. D.
101	9.1	$7^h19^m17^s57$	+2ˢ7745	−0ˢ0002	−13°22′12″9	−6″797	−0″378	40.2	2	13°1967
102	9.0	25.45	2.7278	.0000	15 22 15.1	6.805	.371	40.4	3	15 1778
103	8.9	25.86	2.6424	+ .0004	18 55 23.8	6.808	.359	40.9	2	18 1802
104	9.0	27.07	2.7268	.0003	15 24 45.0	6.810	.371	41.2	3	15 1780
* 105	8.6	40.83	2.7369	.0000	14 59 22.8	6.829	.372	40.9	2	14 1861
* 106	8.7	7 19 43.10	+2.7434	−0.0001	−14 42 43.7	−6.832	−0.373	41.0	2	14 1862
* 107	8.5	44 53	2.7456	.0001	14 37 16.1	6.834	.373	41.0	3-2	14 1864
108	8.5	52.39	2.6718	+ .0003	17 43 48.1	6.845	.363	41.1	2	17 1935
109	6.0	20 1.35	2.6429	.0004	18 55 12.2	6.857	.359	41.1	2	18 1806
110	7.2	4.13	2.7082	.0001	16 12 54.0	6.861	.368	41.1	2	16 1923
111	8.2	7 20 6.97	+2.6723	+0.0003	−17 42 55.0	−6.865	−0.363	41.1	2	17 1937
112	8.5	8.73	2.7258	.0000	15 28 21.6	6.867	.370	41.1	2	15 1786
113	8.6	10.34	2.6382	.0004	19 6 39.7	6.869	.358	41.5-41.4	2-3	18 1807
114	9.0	21.30	2.6428	.0004	18 56 0.1	6.885	.359	41.2	2	18 1809
115	8.3	27.20	2.6770	.0002	17 31 48.5	6.893	.364	41.2	2	17 1941
116	7.8	7 20 33.91	+2.6986	+0.0001	−16 37 46.0	−6.902	−0.366	41.2	2	16 1928
117	8.7	39.82	2.6723	.0004	17 43 44.5	6.910	.363	41.2	2	17 1942
118	9.0	42.87	2.7636	− .0002	13 52 9.9	6.914	.375	41.2	2	13 1976
* 119	8.5	56.76	2.7425	.0001	14 46 53.6	6.933	.372	41.3	2	14 1872
120	7.8	58.82	2.6738	+ .0002	17 40 24.2	6.936	.363	41.9	2	17 1947
121	9.2	7 21 0.84	+2.6759	+0.0002	−17 35 11.4	−6.939	−0.363	41.9	2	17 1948
122	8.7	7.90	2.7027	.0001	16 28 17.1	6.948	.366	40.1	4	16 1933
123	8.8	11.10	2.6599	.0003	18 15 13.8	6.951	.361	40.1	2	18 1815
124	7.8	19.62	2.7608	− .0002	14 0 7.9	6.964	.374	40.2	2	13 1981
125	8.6	20.49	2.7348	.0000	15 6 55.4	6.966	.371	40.8-41.0	3-2	14 1876
126	8.5	7 21 22.00	+2.6461	+0.0004	−18 49 38.5	−6.968	−0.359	40.4	3	18 1817
127	8.8	29.33	2.6307	.0004	19 27 35.3	6.978	.357	41.3	3	19 1857
128	8.7	33.29	2.6753	.0002	17 37 40.0	6.983	.362	40.9	2	17 1954
129	8.0	33.82	2.7196	.0000	15 46 10.3	6.984	.371	40.9	2	15 1799
130	7.5	39.92	2.6829	.0002	17 18 54.0	6.992	.364	41.0	2	17 1955
131	9.1	7 21 42.47	+2.6543	+0.0003	−18 30 6.5	−6.995	−0.360	41.0	2	18 1818
132	8.2	49.27	2.7445	− .0001	14 42 50.7	7.005	.372	41.1	2	14 1880
133	8.0	22 4.42	2.6606	+ .0003	18 14 59.4	7.025	.360	41.4-41.5	3-2	18 1822
134	9.0	21.53	2.6673	.0003	17 58 51.2	7.048	.361	41.1	2	17 1960
135	5.8	24.49	2.7122	.0001	16 6 7.4	7.052	.367	41.1	2	15 1810
136	9.0	7 22 31.84	+2.6446	+0.0004	−18 55 21.6	−7.062	−0.358	41.1	2	18 1823
137	7.0	38.56	2.6449	.0004	18 54 45.7	7.071	.358	41.2	2	18 1825
138	8.7	51.27	2.5955	.0006	20 55 13.7	7.089	.351	41.4	6-4	20 1915
139	9.0	53.55	2.7184	.0000	15 51 3.9	7.091	.368	41.2	2	15 1815
140	9.0	53.62	2.6491	.0004	18 44 50.4	7.092	.358	41.2	2	18 1826
141	9.0	7 22 56.08	+2.6228	+0.0004	−19 49 28.0	−7.096	−0.354	41.2	2	19 1873
142	8.5	23 2.47	2.5956	.0006	20 55 25.9	7.104	.351	41.9	1	20 1920
143	9.0	3.74	2.7065	.0001	16 21 32.5	7.105	.366	41.2	2	16 1949
144	8.8	20.71	2.6766	.0002	17 37 13.8	7.129	.362	41.9	2	17 1967
145	7.3	21.90	2.6350	.0004	19 20 15.4	7.130	.356	40.2	2	19 1878
146	9.1	7 23 29.25	+2.6983	+0.0001	−16 42 57.7	−7.141	−0.364	41.9	2	16 1954
147	8.7	36.32	2.6892	.0002	17 6 11.6	7.150	.363	41-3-42.0	3-2	16 1955
148	8.2	46.60	2.6669	.0003	18 2 14.2	7.164	.360	41.0	2	17 1970
149	7.2	47.58	2.7257	.0000	15 33 47.9	7.165	.368	40.2	2	15 1820
150	8.8	50.05	2.6615	.0003	18 15 42.7	7.169	.359	40.4	3	18 1831

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	B. D.
151	8.0	7h23m53s.95	+2s.6674	+0s.0002	−18° 1′15″.0	−7″.174	−0″.360	40.9	2	17°1971
152	8.2	24 0.95	2.6118	.0005	20 18 6.0	7.183	.352	41.3	3	20 1935
153	7.3	3.26	2.5993	.0005	20 48 20.0	7.187	.351	41.3-41.4	3-2	20 1936
154	8.5	9.33	2.6744	.0002	17 44 2.1	7.195	.361	41.2	3	17 1973
155	8.7	15.68	2.7068	.0001	16 22 44.1	7.203	.365	41.0	3	16 1958
156	8.5	7 24 16.29	+2.6523	+0.0003	−18 39 22.5	−7.204	−0.358	41.1	2	18 1837
157	8.7	20.03	2.6220	.0004	19 53 52.2	7.209	.354	41.5	2	19 1885
158	9.0	22.94	2.7200	.0000	15 49 24.9	7.213	.367	41.1	2	15 1823
159	9.0	30.41	2.6871	.0002	17 12 58.1	7.223	.362	41.1	2	17 1976
160	8.3	32.38	2.7208	.0000	15 47 33.5	7.226	.367	41.1	2	15 1825
161	9.0	7 24 41.03	+2.7148	0.0000	−16 3 4.4	−7.238	−0.366	41.2	2	15 1826
162	9.2	53.11	2.6240	+ .0004	19 49 57.6	7.254	.353	41.2	2	19 1890
163	6.0	54.27	2.6743	.0002	17 45 46.3	7.256	.360	41.2	2	17 1980
164	9.0	25 0.68	2.6478	.0003	18 51 55.3	7.265	.357	41.2	2	18 1844
165	8.2	3.96	2.6226	.0004	19 53 46.6	7.269	.353	41.3	2	19 1892
166	9.2	7 25 6.88	+2.6347	+0.0004	−19 24 14.6	−7.273	−0.355	41.2	2	19 1893
167	8.7	9.22	2.6821	.0002	17 26 26.8	7.276	.361	41.2	2	17 1981
168	7.6	21.48	2.6595	.0003	18 23 21.1	7.293	.358	41.9	2	18 1846
169	8.5	23.98	2.6594	0003	18 23 36.8	7.296	.358	41.9	2	18 1847
170	8.6	29.75	2.6193	.0004	20 2 45.9	7.304	.352	40.1	2	19 1897
171	8.9	7 25 35.10	+2.7167	0.0000	−15 59 27.9	−7.311	−0.366	40.2	2	15 1837
172	8.8	38.14	2.6179	+ .0004	20 6 20.0	7.316	.352	40.4	3	19 1898
173	8.9	40.84	2.7100	.0000	16 16 52.0	7.319	.364	40.2	2	16 1963
174	9.4	42.75	2.6992	.0001	16 44 10.9	7.322	.363	41.1	2	16 1964
175	9.0	43.84	2.6108	.0005	20 23 41.3	7.323	.351	40.9	2	20 1953
176	7.6	7 25 53.10	+2.6448	+0.0003	−19 0 53.7	−7.336	−0.356	40.9	2	18 1851
177	8.8	56.35	2.5935	.0005	21 5 58.1	7.340	.349	40.9	2	20 1955
178	9.1	26 10.26	2.6514	.0003	18 45 2.9	7.359	.356	41.0	2	18 1853
179	8.7	22.72	2.7063	− .0002	16 27 17.1	7.376	.364	41.1	2	16 1969
180	8.7	27.97	2.5749	+ .0006	21 51 35.3	7.383	.346	41.1	2	21 1955
181	8.9	7 26 31.29	+2.6078	+0.0005	−20 32 36.6	−7.388	−0.350	41.1	2	20 1961
182	7.8	32.05	2.5790	.0009	21 42 2.5	7.389	.345	41.1	2	21 1956
183	8.6	47.21	2.6200	.0004	20 3 27.5	7.409	.342	41.2	2	19 1908
184	9.0	47.71	2.6281	.0004	19 43 41.3	7.409	.353	41.2	2	19 1909
185	9.1	48.93	2.6608	.0003	18 22 38.7	7.411	.357	41.5	2	18 1857
186	7.2	7 26 53.15	+2.6514	+0.0003	−18 46 15.7	−7.417	−0.356	41.2	2	18 1858
187	9.0	54.29	2.5897	.0006	21 17 2.9	7.419	.347	41.2	2	21 1957
188	9.1	54.74	2.6846	.0001	17 24 39.1	7.419	.360	41.2	2	17 1993
189	8.8	27 1.60	2.5787	.0006	21 43 42.5	7.429	.346	41.3	2	21 1959
190	7.5	5.84	2.6882	.0001	17 14 25.2	7.434	.361	41.2	2	17 1996
191	8.2	7 27 13.86	+2.5780	+0.0006	−21 45 51.9	−7.445	−0.346	41.9	2	21 1960
192	8.8	15.80	2.6398	.0004	19 15 32.8	7.448	.354	41.9	2	19 1912
193	8.4	18.95	2.5783	.0006	21 45 14.3	7.452	.346	40.1	2	21 1962
194	8.9	21.57	2.5698	.0006	22 5 37.4	7.456	.344	40.1	2	21 1965
195	8.4	25.78	2.6361	.0004	19 25 12.8	7.462	.353	40.2	2	19 1915
196	8.7	7 27 39.80	+2.6841	+0.0002	−17 25 39.4	−7.480	−0.360	41.1	2	17 2000
197	8.8	42.78	2.6730	.0002	17 53 41.8	7.484	.358	40.2	2	17 2004
198	6.0	43.87	2.5492	.0007	22 55 9.6	7.486	.341	40.9	3	22 1897
199	8.8	46.14	2.6051	.0005	20 41 32.2	7.489	.349	41.2	3	20 1971
200	7.0	50.27	2.6363	.0004	19 25 17.8	7.495	.353	41.4	2	19 1919

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	B. D.
201	7.8	7h27m56ˢ.45	+2ˢ.6954	+0ˢ.0001	−16°57′ 46″.2	−7″.503	−0″.359	41.3	3	16°1978
202	8.3	28 5.19	2.6630	.0002	18 19 34.8	7.515	.356	41.0	3-2	18 1867
203	8.3	9.42	2.5429	.0007	23 10 54.4	7.520	.340	41.4-41.5	3-2	22 1902
204	7.7	16.51	2.6053	.0005	20 42 8.8	7.530	.349	41.1	2	20 1980
205	8.7	20.77	2.5866	.0006	21 27 29.1	7.536	.346	41.1	2	21 1974
206	9.0	7 28 20.93	+2.6772	+0.0002	−17 44 22.1	−7.536	−0.357	41.1	2	17 2007
207	8.9	28.34	2.5858	.0006	21 29 37.5	7.546	.346	41.5	2	21 1977
208	8.2	35.97	2.5807	.0006	21 42 13.1	7.556	.345	41.2	2	21 1979
209	9.0	37.69	2.6675	.0002	18 9 19.6	7.559	.357	41.2	2	17 2010
210	9.1	38.33	2.6006	.0005	20 54 15.6	7.559	.348	41.2	2	20 1985
211	9.0	7 28 46.18	+2.6515	+0.0003	−18 49 25.4	−7.570	−0.354	41.2	2	18 1873
212	9.1	52.85	2.5856	.0006	21 31 0.5	7.579	.346	41.2	2	21 1982
213	9.0	29 2.24	2.5792	.0006	21 46 47.0	7.592	.345	41.5-41.6	3-2	21 1984
214	9.0	9.64	2.6459	.0003	19 4 7.1	7.602	.354	41.3	2	18 1882
215	9.0	9.80	2.5955	.0005	21 7 41.3	7.602	.347	41.9	2	20 1991
216	7.6	7 29 18.21	+2.6379	+0.0003	−19 24 15.2	−7.613	−0.353	41.0	2	19 1929
217	8.7	19.02	2.5830	.0006	21 38 13.4	7.615	.345	40.1	4-3	21 1986
218	8.5	22.20	2.5487	.0007	22 59 52.3	7.619	.340	40.1	2	22 1909
219	8.3	35.48	2.5771	.0006	21 52 58.9	7.637	.363	40.2	2	21 1988
220	8.2	40.95	2.6035	.0005	20 49 23.0	7.644	.348	40.2	2	20 1999
221	9.2	7 29 45.32	+2.5716	+0.0006	−22 6 25.9	−7.650	−0.343	41.4	2	21 1991
222	9.0	45.61	2.6383	.0004	19 24 11.6	7.650	.352	41.9	2	19 1934
223	8.5	50.45	2.5539	.0007	22 48 39.1	7.657	.341	41.2	3	22 1912
224	8.3	56.23	2.6131	.0004	20 26 30.9	7.664	.349	41.0	2	20 2003
225	7.7	30 3.14	2.6624	.0002	18 24 36.2	7.674	.355	41.0	3	18 1893
226	9.2	7 30 9.39	+2.6540	+0.0003	−18 45 56.8	−7.682	−0.354	41.1	2	18 1894
227	7.3	10.59	2.6689	.0002	18 8 34.9	7.684	.356	41.0	3-2	17 2023
228	8.7	12.89	2.5564	.0007	22 43 32.5	7.687	.341	41.1	2	22 1917
229	9.0	12.97	2.6572	.0002	18 38 6.8	7.687	.354	41.1	2	18 1895
230	8.7	18.01	2.5257	.0008	23 55 57.9	7.694	.337	41.5	2	23 5658 Co.D.
231	8.8	7 30 20.14	+2.6469	+0.0003	−19 3 57.6	−7.697	−0.353	41.1	2	18 1897
232	8.5	27.60	2.5794	.0006	21 49 19.7	7.707	.344	41.2	2	21 1997
233	8.6	35.86	2.6077	.0005	20 41 3.3	7.718	.352	41.2	2	20 2009
234	8.7	36.14	2.6626	.0002	18 25 4.6	7.718	.355	41.2	2	18 1901
235	9.0	41.04	2.6381	.0003	19 26 32.4	7.725	.351	41.2	2	19 1938
236	8.5	7 30 48.80	+2.5708	+0.0006	−22 10 39.4	−7.735	−0.342	41.2	2	21 2000
237	8.7	59.73	2.6102	.0005	20 35 40.9	7.750	.348	41.3	2	20 2015
238	9.0	31 4.13	2.5798	.0006	21 49 43.9	7.756	.343	41.9	2	21 2001
239	9.1	7.07	2.6192	.0004	20 13 54.9	7.760	.349	41.9	2	20 2017
240	6.2	7.34	2.6418	.0003	19 18 8.5	7.760	.352	41.2	2	19 1944
241	8.7	7 31 7.54	+2.5708	+0.0006	−22 11 18.1	−7.760	−0.342	40.1	3	21 2002
242	9.0	21.76	2.5875	.0005	21 31 47.7	7.779	.344	40.2	2	21 2004
243	9.0	22.24	2.6500	.0003	18 58 11.6	7.780	.353	40.2	2	18 1905
244	9.2	22.77	2.6470	.0003	19 5 43.2	7.781	.352	41.0	2	18 1906
245	8.7	27.93	2.5198	.0008	24 12 28.9	7.788	.335	40.9	2	24 5576 Co.D.
246	9.2	7 31 28.17	+2.6613	+0.0002	−18 30 1.6	−7.788	−0.354	40.1	3	18 1907
247	9.2	43.12	2.6082	.0005	20 42 9.9	7.808	.347	40.9	2	20 2025
248	8.6	54.18	2.5360	.0007	23 35 35.0	7.823	.337	41.0	2	23 5698 Co.D.
249	5.4	54.75	2.5716	.0006	22 11 11.9	7.824	.342	41.0	3-2	21 2007
250	7.3	32 1.66	2.6250	.0004	20 1 37.9	7.833	.348	41.0	3	19 1950

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	B. D.
251	6.5	7h32m11s.84	+2s.5422	+0s.0007	−23°21′46″.8	−7″.847	−0″.338	41.1	2	23°5709 Co.D.
252	8.8	17.84	2 6040	.0005	20 53 40.9	7.855	.346	41.4-41.5	3-2	20 2033
253	8.8	22.02	2.6179	.0004	20 19 41.4	7.860	.348	41.1	2	20 2036
254	7.7	24.45	2.5966	.0005	21 11 46.7	7.864	.345	41.1	2	20 2037
255	8.8	33.04	2.5492	.0007	23 5 51.0	7.875	.338	41.2	2	22 1936
256	8.7	7 32 33.74	+2.6047	+0.0005	−20 52 25.2	−7.876	−0.346	41.1	2	20 2039
257	8.4	37.52	2.5601	.0006	22 40 15.3	7.881	.340	41.2	2	22 1938
258	8.7	47.42	2.6368	.0003	19 33 57.6	7.894	.350	41.2	2	19 1954
259	8.5	33 17.15	2.6173	.0004	20 23 5.0	7.934	.347	41.2	2	20 2048
260	8.7	23.53	2.5884	.0005	21 34 3.9	7.943	.343	41.2	2	21 2024
261	8.9	7 33 24.54	+2.6166	+0.0004	−20 25 6.0	−7.944	−0.347	41.2	2	20 2051
262	8.5	24.89	2.4939	.0008	25 16 58.3	7.945	.330	41.9	2	25 4748 Co.D.
263	9.0	30.07	2.5595	.0006	22 43 39.7	7.952	.339	41.9	2	22 1945
264	8.7	31.75	2.5934	.0005	21 22 14.5	7.954	.344	41.3	2	21 2026
265	9.0	36.95	2.6349	.0003	19 40 16.4	7.961	.349	41.0	2	19 1959
266	8.9	7 33 42.82	+2.5425	+0.0007	−23 24 31.3	−7.969	−0.337	40.7	3	23 5753 Co.D.
267	8.9	45.47	2.5073	.0008	24 46 56.9	7.972	.332	40.2	2	24 5641 Co.D.
268	7.0	47.25	2.5419	.0007	23 26 11.8	7.975	.336	40.2	2	23 5756 Co.D.
269	8.9	53.75	2.6232	.0004	20 9 49.3	7.983	.347	40.9	2	19 1961
270	8.1	53.85	2.5736	.0006	22 10 54.2	7.983	.341	40.2	2	21 2029
271	8.6	7 33 55.16	+2.4914	+0.0009	−25 23 57.7	−7.985	−0.330	41.0	2	25 4760 Co.D.
272	6.7	58.59	2.5770	.0006	22 2 53.3	7.990	.341	41.0	3-2	21 2030
273	8.8	59.34	2.5999	.0005	21 7 18.8	7.991	.344	40.9	2	20 2058
274	8.0	34 3.17	2.5831	.0006	21 48 18.0	7.996	.342	41.0	3	21 2032
275	8.4	8.03	2.5349	.0007	23 43 32.8	8.002	.335	41.1	2	23 5773 Co.D.
276	8.2	7 34 12.32	+2.5151	+0.0008	−24 29 50.5	−8.008	−0.333	41.4-41.5	3-2	24 5649 Co.D.
277	7.3	26.89	2.4966	.0008	25 13 12.4	8.028	.330	41.1	2	25 4775 Co.D.
278	9.1	28.34	2.5487	.0007	23 11 34.7	8.029	.338	41.1	2	22 1953
279	8.8	37.48	2.5285	.0008	23 59 42.6	8.042	.334	41.2	2	23 5780 Co.D.
280	8.8	43.77	2.6083	.0004	20 48 27.1	8.050	.345	41.1	2	20 2063
281	8.6	7 34 45.74	+2 6051	+0.0005	−20 56 22.7	−8.053	−0.344	41.2	2	20 2065
282	7.0	50.45	2.5968	.0005	21 16 53.1	8.059	.341	41.2	2	21 2039
283	7.6	50.95	2.5239	.0008	24 11 2.2	8.060	.333	41.2	2	24 5667 Co.D.
284	8.8	52.75	2.5312	.0007	23 53 59.4	8.062	.334	41.2	2	23 5784 Co.D.
285	9.0	54.97	2.6167	.0004	20 28 2.8	8.065	.346	41.2	2	20 2067
286	8.3	7 35 0.75	+2.6237	+0.0004	−20 10 58.0	−8.073	−0.346	41.3	2	19 1975
287	9.0	5.92	2.5910	.0005	21 31 30.8	8.080	.342	41.9	2	21 2041
288	9.0	8.63	2.6163	.0004	20 29 28.3	8.083	.345	41.9	2	20 2072
289	6.9	9.97	2.5375	.0007	23 39 43.3	8.085	.335	40.1	3	23 5791 Co.D.
290	8.9	32.72	2.4698	.0009	26 17 6.0	8.115	.326	40.2	2	26 4669 Co.D.
291	8.9	7 35 39.44	+2.5670	+0.0006	−22 30 44.5	−8.124	−0.338	40.1	3	22 1959
292	8.9	36 12.58	2.5772	.0006	22 7 24.3	8.169	.339	40.2	2	21 2051
293	5.4	13.04	2.4978	.0008	25 15 1.0	8.169	.329	40.9	2	25 4828 Co.D.
294	8.0	13.38	2.4574	.0010	26 17 1.8	8.169	.324	41.6	3	26 4691 Co.D.
295	8.5	16.19	2.5875	.0005	21 42 38.6	8.173	.341	40.2	2	21 2052
296	8.8	7 36 28.20	+2.4658	+0.0010	−26 28 51.0	−8.189	−0.324	41.0	3	26 4701 Co.D.
297	9.2	29.87	2.5865	.0006	21 45 33.9	8.192	.340	41.0	3	21 2055
298	8.8	30.98	2.5731	.0006	22 18 9.6	8.193	.339	41.0	2	22 1961
299	7.4	35.94	2.4733	.0009	26 12 5.3	8.200	.325	41.1	2	26 4703 Co.D.
300	4.0	46.36	2.4606	.0010	26 41 13.4	8.213	.324	41.1	2	26 4707 Co.D.

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
301	9.0	7h36m48s.79	+2s.5999	+0s.0005	−21°13′41″.2	−8″.217	−0″.342	41.4	3	21°2059 B. D.
302	8.7	37 7.31	2.4968	.0009	25 19 46.9	8.241	.328	41.1	2	25 4848
303	8.6	22.73	2.5284	.0008	24 6 49.9	8.262	.332	41.1	2	23 5865
304	6.9	23.98	2.4598	.0010	26 44 49.2	8.263	.323	41.2	2	26 4722
305	7.2	26.90	2.4583	.0010	26 48 11.1	8.267	.323	41.2	2	26 4723
306	8.5	7 37 31.79	+2.4702	+0.0009	−26 21 30.0	−8.274	−0.324	41.2	2	26 4724
307	8.2	40.37	2.5798	.0006	22 4 40.4	8.285	.339	41.2	2	21 2064 B. D.
308	8.7	41.92	2.5380	.0007	23 44 53.6	8.287	.333	41.2	2	23 5875
309	8.0	46.83	2.5528	.0007	23 9 58.7	8.294	.335	41.2	2	22 1971 B. D.
310	8.0	48.29	2.5508	.0007	23 14 45.5	8.296	.335	41.3	2	23 5881
311	8.2	7 37 49.92	+2.4871	+0.0009	−25 43 48.0	−8.298	−0.326	41.9	2	25 4867
312	7.7	55.76	2.5164	.0008	24 36 20.8	8.306	.330	40.1	4	24 5746
313	9.1	57.68	2.6023	.0005	21 10 15.4	8.308	.342	41.9	2	20 2100 B. D.
314	7.7	38 2.19	2.5212	.0008	24 25 24.4	8.314	.331	40.1	3-2	24 5748
315	7.8	14.99	2.4681	.0010	26 28 26.1	8.331	.324	40.2	2	26 4741
316	7.3	7 38 15.82	+2.5840	+0.0006	−21 55 46.9	−8.332	−0.339	41.0	2	21 2069 B. D.
317	9.1	27.47	2.5756	.0006	22 16 44.2	8.348	.338	40.9	2	22 1974 B. D.
318	8.5	32.14	2.5868	.0006	21 49 33.8	8.354	.339	40.2	2	21 2072 B. D.
319	8.5	41.17	2.5334	.0008	23 58 14.4	8.366	.332	41.0	3	23 5927
320	8.0	43.87	2.5287	.0008	24 9 24.2	8.369	.332	41.3	3	23 5930
321	8.8	7 38 45.57	+2.5753	+0.0006	−22 18 12.0	−8.373	−0.337	40.9	2	22 1978 B. D.
322	8.7	53.86	2.5207	.0008	24 28 45.2	8.383	.330	41.0	3	24 5775
323	8.7	59.26	2.4532	.0010	27 4 4.1	8.390	.321	41.1	2	26 4759
324	8.9	39 3.29	2.4944	.0009	25 30 18.7	8.395	.326	41.4-41.5	3-2	25 4900
325	6.8	14.51	2.5778	.0006	22 13 8.2	8.410	.337	41.1	2	21 2077 B. D.
326	8.9	7 39 32.91	+2.5141	+0.0008	−24 45 50.5	−8.434	−0.329	41.1	2	24 5792
327	7.7	36.92	2.5766	.0006	22 17 11.5	8.440	.337	41.1	2	22 1986 B. D.
328	7.7	37.09	2.4527	.0010	27 6 53.6	8.440	.321	41.2	2	26 4779
329	8.6	47.18	2.5465	.0007	23 30 4.3	8.453	.333	41.2	2	23 5966
330	9.0	56.18	2.4730	.0010	26 21 48.6	8.465	.323	41.2	2	26 4792
331	8.7	7 39 59.99	+2.5342	+0.0008	−23 59 46.3	−8.470	−0.331	41.2	2	23 5970
332	8.7	40 14.75	2.4212	.0011	28 18 47.7	8.490	.316	41.2	2	28 4730
333	8.0	16.41	2.4549	.0010	27 3 52.6	8.492	.320	41.2	2	26 4806
334	8.7	17.83	2.4348	.0010	27 48 48.0	8.494	.318	41.3	2	27 4427
335	7.6	24.00	2.4404	.0010	27 36 38.2	8.502	.318	41.9	3-2	27 4429
336	8.7	7 40 32.10	+2.5250	+0.0008	−24 22 56.0	−8.512	−0.330	41.9	2	24 5823
337	6.5	44.22	2.4775	.0009	26 13 52.7	8.529	.323	40.1	3	26 4824
338	8.7	52.91	2.4130	.0011	28 38 32.7	8.540	.314	40.2	2	28 4750
339	8.0	53.25	2.4910	.0009	25 43 11.8	8.540	.325	40.1	2	25 4946
340	7.0	41 0.95	2.4429	.0010	27 32 55.8	8.551	.318	40.2	2	27 4446
341	8.5	7 41 7.54	+2.5232	+0.0008	−24 28 51.8	−8.559	−0.329	40.2	2	24 5840
342	8.3	29.22	2.4566	.0010	27 3 30.9	8.588	.320	40.9	2	26 4850
343	5.0	31.20	2.4235	.0011	28 17 26.7	8.590	.315	41.0	3	28 4767
344	8.9	33.50	2.4644	.0009	26 46 4.3	8.594	.321	41.0	3-2	26 4853
345	7.0	34.04	2.5005	.0009	25 23 1.0	8.594	.326	40.9	2	25 4966
346	8.1	7 41 36.19	+2.4552	+0.0010	−27 6 52.4	−8.597	−0.320	41.4	4	26 4855
347	4.2	47.94	2.4090	.0011	28 50 3.1	8.613	.313	41.1	2	28 4774
348	8.4	56.86	2.4235	.0011	28 18 39.1	8.624	.315	41.1	2	28 4777
349	8.9	59.94	2.4551	.0010	27 8 17.6	8.628	.319	41.1	2	26 4863
350	8.5	42 3.48	2.5154	.0008	24 49 34.7	8.633	.329	41.1	2	24 5870

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
351	8.6	$7^h42^m\ 9^s.53$	+2ˢ.4432	+0ˢ.0010	−27°35′26″.3	−8″.641	−0″.318	41.2	2	27°4470
552	8.5	10.41	2.4123	.0011	28 44 4.1	8.642	.315	41.2	2	28 4782
353	8.7	10.64	2.4703	.0010	26 34 14.7	8.642	.321	41.2	2	26 4869
354	8.6	11.34	2.5424	.0007	23 46 7.8	8.643	.331	41.1	2	23 6064
355	8.5	15.30	2.4966	.0009	25 35 33.4	8.648	.324	41.2	2	25 4984
356	6.4	7 42 27.96	+2.5229	+0.0008	−24 33 9.5	−8.665	−0.328	41.2	2	24 5885
357	8.9	31.65	2.5266	.0008	24 25 49.7	8.670	.330	41.3	2	24 5887
358	8.6	36.11	2.5340	.0008	24 6 59.9	8.676	.329	41.2	2	23 6092
359	8.8	43 3.48	2.4119	.0011	28 47 39.3	8.712	.313	41.9	2	28 4807
360	8.5	3.50	2.5241	.0008	24 31 50.3	8.712	.328	41.9	2	24 5910
361	8.1	7 43 15.39	+2.4466	+0.0010	−27 31 7.0	−8.728	−0.317	40.1	4	27 4494
362	7.1	45.03	2.5349	.0008	24 7 59.3	8.766	.328	40.2	2	23 6155
363	8.9	45.14	2.4776	.0010	26 22 9.2	8.766	.321	41.0	2	26 4925
364	8.6	50.70	2.4395	.0011	27 48 52.9	8.774	.316	40.2	2	27 4509
365	8.6	53.42	2.4649	.0010	26 51 31.4	8.777	.319	40.2	2	26 4929
366	8.6	7 43 54 26	+2.4322	+0.0011	−28 5 15.3	−8.779	−0.315	40.9	2	27 4510
367	8.8	44 13.74	2.5340	.0008	24 11 36.3	8.804	.328	40.9	2	24 5942
368	8.2	18.74	2.4138	.0011	28 47 13.2	8.810	.312	41.3-41.4	3-2	28 4835
369	8.5	21.44	2.4810	.0010	26 15 59.5	8.814	.321	41.0	3-2	26 4945
370	8.3	25.29	2.4570	.0010	27 11 7.2	8.819	.318	41.1	2	26 4950
371	8.6	7 44 26.18	+2.5384	+0.0008	−24 1 38.9	−8.820	−0.328	41.0	3	23 6178
372	8.3	48.91	2.3875	.0012	29 46 17.3	8.850	.308	41.1	2	29 4937
373	8.3	51.72	2.5080	.0009	25 14 44.9	8.854	.324	41.1	2	25 5049
374	8.8	54.95	2.5185	.0008	24 50 8.9	8.858	.325	41.1	2	24 5960
375	8.3	45 3.30	2.4419	.0011	27 47 4.5	8.869	.315	41.1	2	27 4533
376	8.8	7 45 23.40	+2.5080	+0.0009	−25 16 10.6	−8.895	−0.324	41.2	2	25 5062
377	7.8	29.08	2.3941	.0012	29 34 7.1	8.902	.309	41.2	2	29 4952
378	8.3	34.27	2.4438	.0011	27 44 30.1	8.909	.315	41.2	2	27 4546
379	8.7	51.54	2.3824	.0012	30 0 36.1	8.932	.307	41.2	2	29 4956
380	8.3	46 3.90	2.4036	.0012	29 15 14.1	8.948	.310	41.5-41.6	3-2	29 4959
381	7.8	7 46 6.03	+2.5296	+0.0008	−24 27 7.2	−8.951	−0.326	41.2	2	24 5999
382	8.7	10.19	2.3849	.0012	29 56 6.3	8.956	.307	41.3	2	29 4962
383	8.1	17.24	2.4316	.0011	28 13 58.9	8.965	.313	41.9	2	28 4885
384	8.4	30.28	2.4668	.0010	26 55 11.2	8.982	.318	41.9	2	26 5017
385	8.2	32.18	2.4681	.0010	26 52 8.0	8.985	.318	40.1	3	26 5018
386	7.3	7 46 38.10	+2.3662	+0.0012	−30 37 47.7	−8.993	−0.304	40.9	2	30 5126
387	8.7	41.88	2.4782	.0010	26 29 33.7	8.997	.319	40.2	2	26 5012
388	7.5	44.76	2.3803	.0012	30 7 54.3	9.001	.306	41.2	4	29 4973
389	8.7	46.71	2.4941	.0010	25 52 55.2	9.004	.321	40.2	2	25 5108
390	8.6	46.84	2.5206	.0009	24 50 35.7	9.004	.324	41.3	3	24 6019
391	8.9	7 46 47.10	+2.4574	+0.0011	−27 17 20.9	−9.004	−0.316	40.2	2	27 4573
392	5.8	55.63	2.5222	.0008	24 47 9.1	9.015	.325	41.3-41.4	3-2	24 6022
393	8.6	55.86	2.4804	.0010	26 25 8.2	9.016	.319	40.9	2	26 5030
394	8.7	59.70	2.3718	.0012	30 26 58.3	9.021	.305	41.0	3	30 5131
395	8.4	47 6.51	2.4230	.0012	28 35 42.1	9.029	.311	41.1	2	28 4906
396	3.5	7 47 11.44	+2.5239	+0.0008	−24 43 59.1	−9.036	−0.326	41.1	2	24 6030
397	7.4	25.26	2.3730	.0012	30 25 52.5	9.054	.305	41.1	2	30 5140
398	7.9	26.84	2.4473	.0011	27 42 25.3	9.056	.314	41.1	2	27 4588
399	8.6	27.04	2.4802	.0010	26 27 8.6	9.056	.319	41.1	2	26 5044
400	8.9	48 9.64	2.4025	.0012	29 24 29.0	9.112	.308	41.6	2	29 5005

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
401	8.5	7h48m13s.99	+2s.4817	+0s.0010	−26°26′ 2″.9	−9″.117	−0″.318	41.2	2	26°5067
402	8.1	17.15	2.4448	.0011	27 50 40.9	9.121	.313	41.2	2	27 4610
403	8.2	22.48	2.4155	.0012	28 56 24.2	9.128	.309	41.2	2	28 4950
404	8.7	30.68	2.4090	.0012	29 11 16.7	9.139	.308	41.2	2	29 5012
405	8.7	43.93	2.4946	.0010	25 57 41.0	9.156	.320	41.2	2	25 5152
406	8.5	7 48 47.06	+2.4932	+0.0010	−26 1 5.5	−9.160	−0.319	41.3	2	25 5156
407	8.5	55.33	2.3812	.0012	30 13 19.8	9.171	.305	41.9	3-2	30 5173
408	8.3	49 20.83	2.3458	.0013	31 30 17.9	9.204	.300	41.9	2	31 5154
409	8.5	42.77	2.4628	.0011	27 14 14.7	9.232	.315	40.1	4-3	27 4636
410	8.0	43.59	2.4013	.0012	29 32 8.3	9.233	.307	40.2	2	29 5040
411	8.0	7 49 44.44	+2.3833	+0.0013	−30 11 30.5	−9.235	−0.304	40.2	2	29 5041
412	8.4	44.59	2.4751	.0010	26 46 1.0	9.235	.316	40.1	2	26 5107
413	8.2	59.91	2.3468	.0013	31 30 25.1	9.255	.299	40.2	2	31 5165
414	8.4	50 15.78	2.4879	.0010	26 17 59.9	9.275	.317	40.9	2	26 5115
415	9.0	17.21	2.3515	.0013	31 21 23.9	9.277	.300	41.2-41.4	3-2	31 5168
416	8.8	7 50 34.01	+2.3998	+0.0012	−29 38 10.1	−9.298	−0.306	41.3-41.4	3-2	29 5064
417	8.3	39.44	2.3805	.0013	30 20 42.8	9.305	.303	41.0	3-2	30 5218
418	8.9	40.84	2.4478	.0011	27 51 30.8	9.307	.312	41.0	3-2	27 4666
419	8.0	41.17	2.3342	.0013	31 59 14.5	9.308	.297	41.3-41.5	3-2	31 5174
420	8.9	55.13	2.3634	.0013	30 58 22.8	9.326	.301	41.1	2	30 5225
421	7.9	7 51 0.22	+2.4893	+0.0010	−26 17 0.8	−9.332	−0.317	41.1	2	26 5137
422	8.8	8.83	2.4343	.0012	28 23 31.1	9.343	.314	41.1	2	28 5023
423	8.8	15.00	2.3707	.0013	30 43 53.5	9.351	.302	41.1	2	30 5232
424	7.5	15.84	2.3440	.0013	31 40 36.5	9.352	.298	41.2	2	31 5183
425	7.9	28.16	2.3997	.0012	29 41 33.4	9.368	.305	41.2	2	29 5088
426	8.4	7 51 31.40	+2.4160	+0.0012	−29 5 41.1	−9.373	−0.307	41.2	2	28 5035
427	8.3	31.73	2.4676	.0011	27 8 58.0	9.373	.314	41.7	3	26 5155
428	8.3	33.22	2.4023	.0012	29 36 12.3	9.375	.305	41.9	2	29 5092
429	8.9	35.03	2.4629	.0011	27 19 54.6	9.377	.313	41.2	2	27 4689
430	8.7	40.81	2.4484	.0012	27 53 29.7	9.385	.311	41.3	2	27 4693
431	8.5	7 51 41.52	+2.4495	+0.0011	−27 50 59.1	−9.386	−0.312	41.2	2	27 4695
432	9.7	44.37	2.4677	.0011	27 9 24.7	9.389	.314	41.2	1	27 4696
433	8.7	55.64	2.3868	.0013	30 11 26.0	9.404	.303	41.9	2	29 5105
434	8.3	52 9.14	2.3480	.0013	31 35 28.2	9.421	.298	40.1	2	31 5207
435	8.9	16.27	2.4088	.0012	29 24 15.5	9.430	.306	40.8	3	29 5117
436	8.2	7 52 20.16	+2.4697	+0.0011	−27 6 49.8	−9.435	−0.314	40.1	2	26 5171
437	7.5	23.11	2.4472	.0012	27 58 23.9	9.439	.311	40.2	2	27 4706
438	8.6	32.39	2.3267	.0014	32 21 27.8	9.451	.295	40.9	2	32 4549
439	8.7	38.79	2.3515	.0013	31 29 48.1	9.459	.298	41.2	4	31 5218
440	8.0	42.15	2.4571	.0011	27 36 57.5	9.464	.312	40.2	2	27 4710
441	8.9	7 52 44.46	+2.4432	+0.0012	−28 8 45.6	−9.466	−0.310	40.9	2	27 4713
442	8.7	49.68	2.4429	.0012	28 9 45.2	9.474	.310	41.3	3-2	27 4718
443	7.0	53.46	2.3546	.0013	31 24 5.8	9.478	.298	41.0	3	31 5226
444	8.6	53 4.03	2.3671	.0013	30 57 59.0	9.492	.290	41.1	2	30 5272
445	8.9	7.18	2.3197	.0013	32 38 11.8	9.496	.284	41.1	2	32 4562
446	7.0	7 53 15.22	+2.3725	+0.0015	−30 47 6.0	−9.506	−0.300	41.1	2	30 5275
447	7.7	19.52	2.4439	.0012	28 9 2.8	9.512	.309	41.1	2	27 4729
448	8.7	19.91	2.4279	.0012	28 45 22.2	9.512	.307	41.1	2	28 5085
449	7.5	27.92	2.3885	.0013	30 13 7.1	9.522	.302	41.2	2	30 5281
450	8.6	49.84	2.4112	.0013	29 24 17.4	9.550	.305	41.2	2	29 5169

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
451	8.9	7h53m59s.43	+2s.4544	+0s.0012	−27°47′31″.0	−9″.563	−0″.310	41.6	2	27°4746
452	8.7	54 7.71	2.3742	.0013	30 46 32.6	9.573	.300	41.2	2	30 5298
453	7.8	11.26	2.4479	.0012	28 2 52.9	9.578	.309	41.2	2	27 4751
454	6.8	23.13	2.3918	.0013	30 9 0.2	9.593	.302	41.2	2	29 5189
455	8.4	25.72	2.3758	.0013	30 44 2.6	9.596	.300	41.3	2	30 5306
456	8.7	7 54 31.89	+2.3871	+0.0013	−30 19 55.7	−9.604	−0.301	41.9	2	30 5307
457	8.8	55 3.11	2.4211	.0013	29 6 32.2	9.644	.305	41.9	2	28 5144
458	8.9	10.41	2.4407	.0012	28 22 45.8	9.654	.308	40.1	2	28 5146
459	7.5	13.12	2.3096	.0014	33 6 53.2	9.657	.291	40.1	2	32 4612
460	7.8	29.99	2.4456	.0012	28 12 37.7	9.679	.308	40.2	2	28 5161
461	5.0	7 55 40.44	+2.3926	+0.0013	−30 11 56.2	−9.692	−0.301	40.2	2	29 5236
462	8.5	48.02	2.3497	.0014	31 45 10.8	9.702	.296	40.9	2	31 5299
463	8.8	56 8.18	2.3681	.0014	31 6 55.8	9.726	.298	40.9	2	30 5343
464	8.3	16.23	2.3633	.0014	31 17 49.7	9.737	.297	41.6	3	31 5311
465	8.8	20.62	2.4262	.0013	28 59 38.3	9.743	.305	41.0	3	28 5196
466	8.9	7 56 22.80	+2.3813	+0.0014	−30 39 10.3	−9.746	−0.297	41.0	2	30 5351
467	8.3	27.19	2.2983	.0014	33 34 48.6	9.752	.288	41.1	2	33 4362
468	7.5	27.35	2.3014	.0014	33 28 22.5	9.752	.289	41.1	2	33 4363
469	8.4	35.20	2.3396	.0014	32 9 32.7	9.762	.294	41.1	2	31 5320
470	8.6	40.85	2.3962	.0013	30 7 37.0	9.769	.301	41.1	2	29 5272
471	8.7	7 56 51.30	+2.4293	+0.0013	−28 54 23.0	−9.782	−0.305	41.1	2	28 5217
472	8.7	57 0.32	2.3947	.0014	30 12 12.1	9.794	.300	41.2	2	30 5364
473	9.0	10.84	2.3085	.0014	33 16 41.0	9.807	.289	41.2	2	33 4373
474	8.3	13.19	2.3748	.0014	30 56 21.4	9.810	.298	41.2	2	30 5368
475	8.2	15.54	2.3819	.0014	30 41 10.6	9.813	.298	41.2	2	30 5369
476	8.1	7 57 21.88	+2.4219	+0.0013	−29 12 49.4	−9.821	−0.303	41.2	2	29 5289
477	7.6	49.43	2.3941	.0014	30 16 28.5	9.856	.300	41.2	2	30 5385
478	7.4	57.25	2.3953	.0014	30 14 15.4	9.866	.300	41.3	2	30 5390
479	8.1	57.41	2.3508	.0014	31 50 51.9	9.866	.294	41.9	2	31 5350
480	7.8	58 6.43	2.4188	.0013	29 22 33.4	9.879	.302	41.9	2	29 5319
481	8.6	7 58 9.23	+2.3532	+0.0014	−31 46 26.3	−9.881	−0.294	40.1	2	31 5355
482	8.1	15.31	2.3733	.0014	31 3 32.1	9.889	.296	40.2	2	30 5402
483	8.9	18.70	2.3797	.0014	30 49 53.4	9.893	.297	40.1	2	30 5403
484	7.0	26.68	2.2859	.0015	34 7 50.1	9.903	.285	40.2	2	33 4406
485	8.0	33.58	2.2904	.0015	33 59 7.4	9.912	.286	40.2	2	33 4411
486	8.2	7 58 42.89	+2.3775	+0.0014	−30 56 12.2	−9.924	−0.297	40.9	2	30 5417
487	8.3	49.75	2.2986	.0015	33 43 29.6	9.933	.287	41.0	3-2	33 4421
488	8.3	54.23	2.3728	.0014	31 7 9.0	9.938	.296	40.9	2	30 5426
489	8.0	59 0.22	2.3421	.0015	32 13 21.2	9.946	.292	41.0	3-2	32 4703
490	8.5	7.03	2.4108	.0014	29 44 17.7	9.954	.301	41.4	2	29 5351
491	8.6	7 59 10.95	+2.4194	+0.0013	−29 25 8.7	−9.959	−0.302	41.6	3	29 5353
492	8.4	12.80	2.3668	.0014	31 21 12.3	9.962	.295	41.1	2	31 5387
493	8.3	16.81	2.2760	.0015	34 31 8.6	9.967	.283	41.1	2	34 4213
494	7.9	35.33	2.3922	.0014	30 27 8.2	9.990	.298	41.1	2	30 5453
495	8.1	36.24	2.3915	.0014	30 28 51.2	9.991	.298	41.1	2	30 5454
496	7.7	7 59 36.69	+2.2550	+0.0015	−35 14 21.1	−9.992	−0.280	41.2	2	35 4112
497	8.0	45.52	2.2759	.0015	34 33 12.7	10.003	.283	41.2	2	34 4225
498	8.0	58.17	2.3207	.0015	33 2 16.5	10.019	.289	41.2	2	32 4736
499	8.3	58.46	2.3172	.0015	33 9 34.5	10.019	.288	41.2	2	32 4738
500	7.8	8 0 2.88	2.3782	.0014	30 59 46.3	10.025	.296	41.2	2	30 5470

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
501	8.5	8h 0m 4s.98	+2s.2583	+0s.0015	−35° 9′ 47″.3	−10″.028	−0″.280	41.9	2	34°.4233
502	8.5	6.18	2.2932	.0015	33 59 26.7	10.029	.285	41.3	2	33 4448
503	8.5	8.92	2.2630	.0015	35 0 40.3	10.033	.281	41.9	2	34 4235
504	8.8	11.45	2.4080	.0014	29 54 22.3	10.036	.299	41.2	2	29 5385
505	8.3	26.12	2.3985	.0014	30 16 34.8	10.054	.298	41.0	4	30 5482
506	8.0	8 0 28.35	+2.3464	+0.0015	−32 10 1.5	−10.057	−0.291	40.6	3-2	31 5418
507	8.8	40.85	2.3580	.0015	31 45 49.5	10.073	.293	40.2	2	31 5426
508	7.8	49.49	2.3774	.0015	31 4 29.1	10.084	.295	40.2	2	30 5500
509	8.0	56.54	2.2827	.0015	34 24 17.9	10.093	.283	40.6	3	34 4248
510	7.6	57.32	2.3233	.0015	33 0 41.1	10.094	.288	40.2	3	32 4763
511	8.5	8 1 2.50	+2.3486	+0.0015	−32 7 32.2	−10.100	−0.291	40.8	2	31 5438
512	6.6	6.95	2.3432	.0015	32 19 20.1	10.106	.290	40.3	2	32 4766
513	9.7	11.76	2.3457	.0015	32 14 21.6	10.112	.291	40.2	1	32 4769
514	8.0	13.03	2.2672	.0015	34 56 38.6	10.113	.281	41.2	3	34 4259
515	9.0	16.96	2.2884	.0016	34 14 2.1	10.118	.284	41.2	3	34 4260
516	8.1	8 1 24.92	+2.3916	+0.0014	−30 35 25.0	−10.129	−0.296	41.5-41.5	3-2	30 5525
517	8.1	32.23	2.3656	.0015	31 32 45.6	10.138	.293	41.1	2	31 5452
518	9.0	52.21	2.2832	.0015	34 27 0.0	10.163	.282	41.1	2	34 4273
519	8.8	55.51	2.3703	.0015	31 24 16.2	10.167	.293	41.1	2	31 5467
520	8.3	58.21	2.2560	.0016	35 22 10.3	10.170	.279	41.2	3	35 4153
521	8.9	8 2 19.05	+2.3748	+0.0015	−31 15 53.7	−10.196	−0.294	41.5	2	31 5479
522	5.8	19.08	2.3395	.0015	32 31 56.1	10.196	.289	41.4	3	32 4796
523	8.6	27.35	2.3774	.0015	31 10 47.8	10.207	.294	41.2	2	30 5560
524	9.0	31.69	2.3428	.0015	32 25 37.5	10.212	.290	41.4-41.3	2-3	32 4802
525	8.0	45.96	2.2760	.0016	34 45 16.1	10.230	.281	40.8	2	34 4295
526	8.3	8 2 57.71	+2.2388	+0.0016	−36 0 3.8	−10.245	−0.276	40.2	2	35 4171
527	7.8	3 7.44	2.2940	.0016	34 10 11.5	10.257	.283	40.2	2	33 4508
528	7.1	7.65	2.3149	.0016	33 26 53.4	10.257	.286	40.7	2	33 4507
529	9.1	31.67	2.3221	.0016	33 13 33.5	10.288	.286	40.2	3	33 4516
530	9.0	43.20	2.3076	.0016	33 44 42.9	10.302	.284	40.6	3	33 4522
531	8.5	8 3 46.68	+2.2777	+0.0016	−34 46 8.5	−10.306	−0.280	41.0	2	34 4315
532	6.6	48.97	2.3170	.0016	33 25 31.2	10.309	.285	41.2	3	33 4525
533	7.8	50.24	2.3238	.0016	33 11 19.4	10.311	.286	40.3	2	32 4834
534	9.0	4 7.40	2.2340	.0016	36 14 35.9	10.332	.275	41.4-41.5	3-2	36 4194
535	9.0	9.02	2.2344	.0016	36 13 57.0	10.334	.275	41.5	2	36 4195
536	8.0	8 4 9.05	+2.2832	+0.0016	−34 36 39.3	−10.335	−0.281	41.2	3-2	34 4323
537	8.2	17.34	2.2338	.0016	36 15 42.1	10.344	.274	41.2	2	36 4196
538	8.9	23.98	2.3046	.0016	33 53 44.5	10.353	.283	41.1	2	33 4542
539	9.0	5 17.02	2.2619	.0019	35 24 27.1	10.419	.277	41.1	2	35 4217
540	7.5	17.03	2.2367	.0016	36 14 14.8	10.419	.274	41.2	2	36 4211
541	8.5	8 5 27.58	+2.3641	+0.0016	−31 51 49.0	−10.432	−0.290	41.4	3	31 5555
542	8.9	36.58	2.3596	.0015	32 2 13.4	10.443	.289	41.2	2	31 5558
543	7.9	47.72	2.2052	.0016	37 17 21.4	10.457	.270	40.2	2	37 4271
544	8.8	49.85	2.3346	.0016	32 56 42.4	10.460	.286	41.0	3	32 4880
545	7.0	55.03	2.2058	.0016	37 16 46.0	10.466	.270	40.2	2	37 4273
546	8.8	8 5 55.41	+2.3510	+0.0016	−32 22 12.9	−10.467	−0.288	40.5	3	32 4883
547	8.7	57.86	2.3625	.0016	31 57 23.2	10.470	.307	40.2	2	31 5565
548	7.8	6 4.36	2.3086	.0015	33 52 21.3	10.478	.282	40.6	3	33 4582
549	10.0	6.35	2.3394	.0016	32 47 45.2	10.480	.286	40.2	1	32 4886
550	7.3	6.56	2.2739	.0017	35 3 51.6	10.481	.278	40.3	2	34 4365

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
551	9.0	8h 6m 9s.01	+2s.33379	+0s.0016	−32°51′ 7″.9	−10″.484	−0″.286	40.2	2	32°4887
552	8.6	11.17	2.3254	.0016	33 17 40.9	10.486	.284	41.2	3	33 4584
553	8.3	16.28	2.2378	.0016	36 16 20.3	10.493	.274	41.1	2	36 4227
554	7.7	17.96	2.3285	.0016	33 11 36.0	10.495	.285	41.2	3	32 4890
555	9.0	19.22	2.3347	.0016	32 58 43.0	10.496	.285	41.3	3	32 4892
556	8.9	8 6 22.64	+2.2663	+0.0017	−35 20 13.4	−10.500	−0.277	41.1	2	35 4235
557	8.1	33.84	2.2267	.0016	36 39 26.7	10.514	.272	41.1	2	36 4231
558	9.0	52.57	2.2388	.0017	36 17 11.2	10.538	.273	41.2	2	36 4239
559	7.9	59.11	2.3326	.0017	33 5 57.2	10.546	.284	41.2	2	32 4905
560	6.8	7 16.63	2.2692	.0017	35 18 26.7	10.568	.276	41.4	3	35 4256
561	8.9	8 7 33.84	+2.2809	+0.0017	−34 55 54.6	−10.589	−0.278	41.2	2	34 4404
562	8.4	45.85	2.2280	.0017	36 40 59.4	10.604	.271	41.3	3-4	36 4262
563	8.0	8 0.76	2.2558	.0017	35 48 26.7	10.622	.274	40.8	2	35 4270
564	8.3	12.55	2.3128	.0017	33 52 48.4	10.637	.281	40.2	2	33 4619
565	9.0	12.75	2.2387	.0017	36 23 17.8	10.637	.272	40.2	2	36 4270
566	9.0	8 8 16.70	+2.2846	+0.0017	−34 51 32.9	−10.642	−0.278	40.2	3	34 4430
567	8.2	17.11	2.3493	.0017	32 35 43.0	10.642	.286	40.2	2	32 4928
568	8.5	23.12	2.3411	.0017	32 53 46.6	10.650	.284	40.6	3	32 4930
569	8.3	29.94	2.2196	.0017	37 1 51.2	10.658	.269	41.2	3	36 4279
570	8.0	31.25	2.2486	.0017	36 4 59.6	10.660	.273	40.3	2	35 4283
571	8.8	8 8 40.78	+2.3414	+0.0017	−32 54 25.5	−10.672	−0.284	41.3	3	32 4937
572	8.5	46.06	2.2863	.0018	34 50 10.5	10.678	.277	41.2	2	34 4438
573	8.9	50.96	2.2334	.0017	36 36 35.3	10.684	.271	41.1	2	36 4284
574	8.3	51.15	2.2884	.0017	34 46 13.6	10.684	.278	41.4	3	34 4442
575	8.9	56.79	2.2122	.0017	37 18 6.3	10.691	.268	41.1	2	37 4330
576	8.7	8 9 4.02	+2.2197	+0.0017	−37 4 16.7	−10.700	−0.269	41.2	2	36 4287
577	6.8	10.80	2.2177	.0017	37 8 33.7	10.709	.269	41.5-41.4	2-3	36 4291
578	8.6	11.93	2.2901	.0017	34 44 19.3	10.710	.278	41.2	2	34 4448
579	8.3	19.46	2.3402	.0017	32 59 39.8	10.719	.284	41.2	2	32 4950
580	8.7	28.62	2.2132	.0017	37 18 39.4	10.731	.268	40.2	2	37 4341
581	7.5	8 9 29.88	+2.2336	+0.0017	−36 39 2.8	−10.732	−0.270	41.0	3	36 4300
582	9.0	45.28	2.2216	.0017	37 3 47.3	10.751	.269	40.2	2	36 4308
583	8.5	46.38	2.2164	.0017	37 13 47.4	10.753	.268	40.2	2	37 4352
584	8.7	51.45	2.2227	.0017	37 2 4.9	10.759	.269	40.2	2	36 4309
585	7.5	59.92	2.2658	.0018	35 37 20.8	10.769	.274	40.2	3	35 4316
586	8.5	8 10 0.01	+2.1995	+0.0017	−37 47 15.0	−10.769	−0.266	40.8	2	37 4362
587	8.7	0.76	2.2110	.0017	37 25 24.8	10.770	.267	40.6	3	37 4359
588	9.0	8.42	2.2128	.0017	37 22 32.4	10.779	.267	41.0	2	37 4365
589	8.3	14.60	2.2676	.0018	35 34 55.3	10.787	.274	41.2	3	35 4322
590	8.9	24.64	2.2133	.0017	37 22 42.2	10.799	.267	41.2	2	37 4370
591	6.9	8 10 35.85	+2.2305	+0.0018	−36 50 17.2	−10.813	−0.269	41.4	3	36 4322
592	7.7	42.82	2.2406	.0018	36 30 58.6	10.822	.270	41.1	2	36 4325
593	8.2	59.97	2.2544	.0018	36 4 36.2	10.840	.272	41.2	2	35 4336
594	8.9	11 0.34	2.2089	.0018	37 34 1.0	10.843	.266	41.2	2	37 4393
595	8.7	1.03	2.2865	.0018	34 59 55.5	10.844	.276	41.4	3	34 4487
596	8.5	8 11 1.09	+2.2793	+0.0018	−35 14 31.6	−10.844	−0.275	41.1	2	35 4337
597	6.8	1.40	2.2025	.0017	37 46 22.3	10.844	.265	41.2	2	37 4394
598	8.0	25.56	2.2521	.0018	36 11 23.8	10.874	.271	41.0	3	35 4344
599	8.6	29.65	2.2811	.0018	35 13 2.1	10.879	.275	40.2	2	34 4493
600	8.0	29.91	2.2532	.0018	36 9 30.8	10.880	.271	40.2	2	35 4346

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
601	8.0	8h11m32s84	+2s1876	+0s0017	−38°17′10″7	−10″883	−0″263	40.2	3	38°4187
602	5.3	36.20	2.2657	.0018	35 44 51.3	10.887	.272	40.7	2	35 4349
603	8.7	39.40	2.2506	.0018	36 15 18.7	10.891	.273	40.2	2	36 4348
604	7.5	44.17	2.3333	.0018	33 25 2.1	10.897	.281	40.6	2	33 4705
605	8.1	51.22	2.3003	.0018	34 35 10.3	10.905	.277	40.3	2	34 4501
606	8.8	8 11 56.00	+2.2110	+0.0018	−37 34 17.8	−10.911	−0.266	41.0	2	37 4420
607	7.1	56.31	2.2869	.0018	35 3 18.8	10.912	.275	41.2	3	34 4504
608	5.9	12 5.55	2.2542	.0018	36 10 10.9	10.923	.271	41.2	2	35 4358
609	7.0	6.03	2.2537	.0018	36 11 17.6	10.924	.271	41.1	2	35 4360
610	7.5	11.96	2.2354	.0018	36 47 57.7	10.931	.268	41.1	2	36 4359
611	8.0	8 12 12.94	+2.2514	+0.0018	−36 16 22.3	−10.932	−0.270	41.1	2	36 4358
612	6.4	19.36	2.2795	.0018	35 20 13.8	10.940	.274	41.1	2	35 4365
613	8.7	28.04	2.2665	.0018	35 59 21.8	10.950	.271	41.2	2	35 4368
614	9.0	37.25	2.2084	.0018	37 42 34.4	10.962	.265	41.5-41.4	2-3	37 4436
615	7.7	40.51	2.1882	.0018	38 21 20.8	10.968	.262	41.2	2	38 4305
616	8.0	8 12 54.42	+2.2074	+0.0018	−37 45 55.6	−10.983	−0.264	41.0	4-3	37 4442
617	7.5	13 2.93	2.2753	.0019	35 32 8.3	10.993	.273	40.2	2	35 4380
618	8.3	10.65	2.2468	.0018	36 30 4.7	11.003	.269	40.2	2	36 4381
619	8.5	28.42	2.2531	.0019	36 18 56.1	11.024	.270	40.7	2	36 4385
620	8.7	34.30	2.2607	.0019	36 4 10.5	11.031	.270	40.2	2	35 4388
621	8.4	8 13 36.74	+2.2260	+0.0018	−37 13 3.8	−11.034	−0.266	40.7	2	36 4389
622	9.0	38.67	2.2339	.0018	36 57 47.7	11.037	.267	40.3	2	36 4390
623	9.0	38.74	2.2697	.0019	35 46 12.4	11.037	.271	40.2	3	35 4389
624	8.2	49.02	2.3237	.0019	33 55 3.0	11.049	.278	41.2	3	33 4751
625	9.0	54.53	2.2790	.0019	35 28 35.7	11.056	.272	41.3-41.5	3-2	35 4396
626	6 8	8 14 5.22	+2.2714	+0.0019	−35 44 55.7	−11.069	−0.271	41.2	2	35 4401
627	7.5	18.92	2.2725	.0019	35 43 40.0	11.086	.271	41.1	2	35 4406
628	7.5	31.79	2.2636	.0019	36 2 51.0	11.101	.270	41.1	2	35 4413
629	8.3	41.84	2.1889	.0018	38 29 43.4	11.113	.261	41.5-41.4	2-3	38 4241
630	8.7	42.80	2.2258	.0019	37 18 54.7	11.114	.265	41.1	2	37 4487
631	8.8	8 14 43.32	+2.3236	+0.0019	−33 59 22.2	−11.115	−0.277	41.1	2	33 4771
632	8.0	43.99	2.1843	.0018	38 38 35.8	11.116	.260	41.2	2	38 4242
633	8.1	48.52	2.2512	.0019	36 29 1.2	11.121	.268	41.2	2	36 4414
634	8.2	15 0.05	2.3039	.0019	34 42 13.2	11.135	.274	41.0	4-3	34 4568
635	8.7	17.80	2.2381	.0019	36 57 25.8	11.137	.266	40.8	2	36 4423
636	8.6	8 15 20.58	+2.2862	+0.0019	−35 20 37.6	−11.160	−0.272	40.7	2	35 4428
637	9.0	23.99	2.1749	.0018	38 59 32.1	11.165	.258	40.2	2	38 4258
638	9.3	31.09	2.2870	.0020	35 19 50.3	11.173	.275	40.2	1	35 4432
639	8.4	35.75	2.2963	.0020	35 0 52.7	11.179	.273	40.7	2	34 4583
640	8.4	52.33	2.1776	.0018	38 56 47.8	11.199	.258	40.7	2	38 4265
641	7.3	8 15 52.54	+2.2708	+0.0020	−35 54 39.9	−11.199	−0.270	40.2	3-2	35 4441
642	8.7	16 10.87	2.1871	.0019	38 40 23.0	11.201	.259	40.3	2	38 4272
643	8.5	19.57	2.2296	.0020	37 19 11.3	11.232	.264	41.2	3	37 4523
644	7.0	21.11	2.2328	.0020	37 13 4.8	11.234	.265	41.2	2	36 4443
645	6.3	22.78	2.2900	.0020	35 17 40.4	11.236	.272	41.0	2	35 4452
646	9.0	8 16 28.50	+2.2157	+0.0021	−37 47 7.4	−11.243	−0.262	41.1	2	37 4526
647	9.0	37.29	2.2886	.0020	35 21 41.5	11.253	.271	41.1	2	35 4460
648	8.9	39.01	2.2218	.0020	37 36 4.1	11.255	.263	41.2	2	37 4530
649	4.7	40.91	2.2551	.0020	36 30 13.2	11.257	.267	41.1	2	36 4449
650	8.5	45.58	2.1909	.0019	38 36 11.4	11.263	.259	41.2	2	38 4284

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
651	7.9	8h16m50s.06	+2s.1931	+0s.0019	−38°32′12″.2	−11″.268	−0″.260	41.5	4	38°4285
652	7.3	17 8.13	2.1818	.0019	38 55 16.4	11.290	.258	41.2	2	38 4294
653	8.0	17.68	2.2106	.0020	38 1 10.7	11.302	.261	41.0	4	37 4546
654	7.1	53.63	2.2354	.0020	37 15 33.3	11.345	.264	40.2	2	37 4555
655	8.5	18 1.08	2.2422	.0020	37 2 43.2	11.354	.264	40.7	2	36 4479
656	8.3	8 18 5.36	+2.2601	+0.0020	−36 27 9.5	−11.359	−0.266	40.2	2	36 4481
657	9.2	55.92	2.1847	.0020	38 58 49.1	11.420	.257	40.2	2	38 4333
658	9.5	19 18.41	2.2572	.0021	36 38 57.6	11.447	.264	41.6	2	36 4509
659	9.0	23.95	2.2565	.0021	36 40 54.4	11.455	.265	41.9	2	36 4511
660	5.5	27.62	2.2672	.0021	36 19 26.8	11.458	.266	40.2	3	36 4513
661	6.5	8 19 35.51	+2.1712	+0.0020	−39 27 38.2	−11.467	−0.255	41.2	3	39 4245
662	7.7	40.69	2.1686	.0020	39 32 55.8	11.473	.254	41.2	2	39 4247
663	8.8	41.25	2.2828	.0021	35 48 40.6	11.475	.268	40.3	2	35 4516
664	9.0	48.12	2.2092	.0020	38 16 21.9	11.482	.259	41.5	2	38 4346
665	8.0	50.30	2.1448	.0020	40 17 39.4	11.485	.251	41.1	2	40 4137
666	8.3	8 19 51.09	+2.2165	+0.0020	−38 2 21.0	−11.486	−0.260	41.1	2	37 4599
667	9.0	58.20	2.1504	.0019	40 7 56.4	11.494	.252	41.1	2	39 4252
668	8.9	20 13.60	2.1423	.0019	40 24 6.2	11.513	.251	41.2	2	40 4147
669	7.3	21.66	2.1285	.0019	40 49 51.5	11.522	.249	41.5-41.4	2-3	40 4151
670	8.5	22.09	2.2080	.0021	38 21 30.1	11.523	.258	41.1	2	38 4361
671	8.7	8 20 27.77	+2.1302	+0.0018	−40 47 24.7	−11.530	−0.249	41.0	4	40 4155
672	8.5	36.21	2.2356	.0022	37 28 46.4	11.540	.261	41.2	2	37 4612
673	8.7	38.18	2.1542	.0020	40 4 37.0	11.542	.252	40.2	2	39 4263
674	8.8	53.34	2.1683	.0022	39 39 38.0	11.560	.253	40.2	2	39 4265
675	8.5	55.38	2.1978	.0021	38 43 57.6	11.562	.257	40.8	3	38 4370
676	8.2	8 21 3.10	+2.1664	+0.0020	−39 44 1.2	−11.572	−0.253	40.2	2	39 4268
677	8.9	12.61	2.2187	.0021	38 5 1.8	11.583	.259	40.7	4	37 4633
678	7.7	20.65	2.1515	.0020	40 13 8.2	11.593	.251	40.3	2	39 4274
679	6.9	25.94	2.2181	.0021	38 7 26.3	11.599	.259	42.0	2	37 4638
680	8.5	34.51	2.1646	.0020	39 50 14.8	11.609	.252	41.2	3	39 4279
681	7.9	8 21 46.61	+2.2140	+0.0021	−38 17 15.8	−11.623	−0.258	41.0	2	38 4389
682	8.7	49.76	2.1286	.0019	40 57 29.4	11.627	.248	41.2	2	40 4186
683	7.3	22 7.44	2.2671	.0022	36 33 13.1	11.648	.264	41.1	2	36 4578
684	8.5	14.13	2.1733	.0021	39 37 17.4	11.656	.253	41.1	2	39 4289
685	8.3	17.16	2.1649	.0020	39 53 22.9	11.660	.252	41.1	2	39 4291
686	7.9	8 22 38.38	+2.1175	+0.0019	−41 21 38.6	−11.685	−0.248	41.1	2	41 4091
687	7.3	48.07	2.1438	.0020	40 35 2.3	11.696	.249	41.2	2	40 4212
688	8.0	23 5.19	2.1226	.0019	41 14 57.4	11.716	.246	41.5-41.5	3-4	41 4097
689	8.7	7.68	2.1016	.0019	41 52 26.9	11.719	.244	41.2	2	41 4098
690	8.7	18.37	2.1641	.0021	40 0 13.7	11.732	.251	41.0	4-3	39 4310
691	9.0	8 23 28.65	+2.1291	+0.0020	−41 5 12.9	−11.744	−0.246	40.2	2	40 4223
692	9.0	36.81	2.2013	.0022	38 51 28.0	11.754	.255	40.2	2	38 4439
693	8.4	38.90	2.1745	.0021	39 42 34.2	11.756	.252	40.2	2	39 4314
694	8.6	45.00	2.1393	.0020	40 48 14.9	11.764	.247	40.2	3	40 4230
695	8.6	51.75	2.2392	.0022	37 38 34.4	11.772	.259	40.2	2	37 4687
696	8.8	8 23 58.42	+2.1245	+0.0020	−41 16 18.5	−11.779	−0.246	40.7	2	41 4114
697	8.5	24 9.57	2.1754	.0021	39 43 34.7	11.793	.251	40.3	2	39 4327
698	7.7	21.09	2.1471	.0021	40 37 16.1	11.806	.248	41.0	2	40 4240
699	6.5	27.64	2.2025	.0022	38 53 38.4	11.814	.254	41.2	3	38 4462
700	8.0	30.70	2.1025	.0019	41 58 20.9	11.817	.245	41.2	2	41 4127

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
701	7.7	8h24m37ˢ.84	+2ˢ.1347	+0ˢ.0020	−41° 1′19″.3	−11″.826	−0″.246	41.2	3	40°4248
702	7.6	55.88	2.0906	.0019	42 21 30.6	11.847	.241	41.1	2	42 4250
703	8.0	25 5.13	2.1932	.0022	39 14 50.0	11.858	.253	41.1	2	39 4343
704	8.7	10.60	2.1625	.0022	40 13 19.9	11.864	.249	41.2	2	39 4345
705	7.5	11.55	2.2386	.0023	37 46 38.8	11.865	.258	41.1	2	37 4711
706	8.5	8 25 21.81	+2.1408	+0.0021	−40 54 17.9	−11.877	−0.246	41.2	2	40 4261
707	8.3	33.51	2.1196	.0020	41 33 33.9	11.891	.244	41.2	2	41 4145
708	8.7	43.10	2.1880	.0022	39 28 15.6	11.903	.252	41.0	4	39 4355
709	7.5	26 14.30	2.1377	.0021	41 4 43.8	11.939	.245	40.2	2	40 4277
710	8.9	14.39	2.1748	.0022	39 56 7.8	11.939	.250	40.7	2	39 4367
711	8.5	8 26 19.82	+2.2481	+0.0023	−37 33 48.9	−11.946	−0.258	40.2	2	37 4736
712	8.9	26.45	2.1188	.0020	41 40 3.4	11.953	.243	40.2	3	41 4166
713	8.4	27.61	2.2108	.0023	38 48 18.2	11.955	.254	40.2	2	38 4504
714	8.8	29.12	2.1055	.0020	42 3 49.6	11.956	.241	40.7	2	41 4169
715	9.3	29.17	2.1752	.0022	39 56 35.0	11.956	.250	40.7	2	39 4370
716	8.5	8 26 41.82	+2.2077	+0.0023	−38 55 33.7	−11.971	−0.253	40.3	2	38 4515
717	7.7	49.82	2.1418	.0021	41 0 25.9	11.981	.245	41.2	2	40 4285
718	8.7	54.74	2.1712	.0022	40 6 32.7	11.986	.248	41.0	2	39 4380
719	9.0	57.03	2.1785	.0022	39 52 59.8	11.989	.249	41.2	3	39 4381
720	8.5	27 1.27	2.1306	.0021	41 21 57.9	11.994	.244	41.2	2	41 4175
721	6.8	8 27 7.26	+2.0954	+0.0020	−42 25 12.1	−12.001	−0.240	41.1	2	42 4290
722	8.8	40.24	2.0607	.0019	43 28 3.6	12.039	.235	41.1	2	43 4342
723	8.0	43.56	2.2256	.0024	38 26 16.5	12.043	.254	41.1	2	38 4533
724	8.0	50.42	2.1334	.0022	41 21 25.1	12.051	.243	41.2	2	41 4189
725	8.3	53.31	2.0720	.0019	43 9 55.8	12.055	.236	41.0	3	42 4305
726	9.0	8 27 57.03	+2.1010	+0.0020	−42 19 58.6	−12.059	−0.239	41.2	2	42 4306
727	8.8	58.36	2.1250	.0021	41 37 17.8	12.061	.242	41.2	2	41 4183
728	8.4	28 4.69	2.1210	.0021	41 45 4.5	12.068	.242	40.9	3	41 4194
729	9.0	22.59	2.1905	.0023	39 38 5.1	12.089	.249	40.2	2	39 4412
730	7.3	45.85	2.1692	.0023	40 20 32.9	12.116	.247	40.2	2	40 4328
731	7.7	8 28 50.25	+2.1698	+0.0023	−40 19 52.3	−12.121	−0.247	40.2	2	40 4330
732	7.0	59.71	2.1374	.0022	41 20 44.5	12.132	.243	40.2	3	41 4208
733	9.1	29 0.77	2.0813	.0020	43 0 22.7	12.133	.236	41.6	2	42 4338
734	8.8	5.89	2.1090	.0021	42 12 19.3	12.139	.239	41.0	2	41 4213
735	9.0	12.31	2.1800	.0024	40 2 42.9	12.146	.248	41.2	3	39 4451
736	9.0	8 29 13.28	+2.1160	+0.0022	−42 0 29.1	−12.148	−0.240	41.2	2	41 4214
737	7.2	15.01	2.2160	.0024	38 53 28.8	12.150	.252	40.3	2	38 4561
738	9.0	26.75	2.1211	.0022	41 52 45.0	12.163	.240	41.1	2	41 4219
739	9.0	30.79	2.1569	.0023	40 47 45.6	12.168	.245	41.1	2	40 4341
740	6.6	33.88	2.2168	.0024	38 53 38.8	12.171	.252	41.2	3	38 4566
741	7.8	8 30 1.34	+2.1234	+0.0022	−41 51 47.1	−12.203	−0.240	41.2	2	41 4225
742	7.5	5.96	2.2183	.0025	38 53 44.7	12.209	.251	41.1	2	38 4581
743	8.5	7.62	2.0624	.0019	43 39 6.3	12.209	.233	41.2	2	43 4374
744	7.6	19.47	2.1916	.0024	39 46 56.7	12.223	.248	41.4	3	39 4452
745	7.3	30.51	2.1317	.0023	41 39 42.6	12.236	.241	41.0	3	41 4232
746	9.0	8 30 41.37	+2.2064	+0.0025	−39 20 23.3	−12.249	−0.249	40.2	2	39 4460
747	8.0	42.90	2.1846	.0024	40 2 31.3	12.251	.247	40.2	2	39 4465
748	8.7	44.89	2.1989	.0024	39 35 19.6	12.254	.248	40.2	2	39 4464
749	8.7	59.71	2.0859	.0021	43 3 45.2	12.269	.235	41.6	2	42 4365
750	8.9	31 1.14	2.1318	.0023	41 42 28.1	12.272	.240	40.2	3	41 4240

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
751	8.7	8h31m 4ˢ.35	+2ˢ.1940	+0ˢ.0025	−39°46'34".2	−12".276	−0".247	40.2	2	39°4474
752	8.4	13.82	2.0800	.0021	43 15 19.5	12.287	.234	40.3	2	43 4393
753	8.0	26.08	2.0717	.0020	43 30 45.8	12.300	.233	41.3	3	43 4401
754	8.8	40.86	2.2165	.0025	39 6 18.0	12.317	.250	41.2	3	38 4608
755	7.2	41.00	2.1426	.0023	41 26 32.7	12.318	.241	41.2	2	41 4250
756	9.0	8 31 53.23	+2.1094	+0.0022	−42 27 39.5	−12.331	−0.237	41.2	3	42 4380
757	9.0	32 15.00	2.1963	.0025	39 48 55.1	12.356	.247	41.1	2	39 4501
758	7.1	17.08	2.1424	.0024	41 30 22.6	12.359	.240	41.1	2	41 4262
759	7.3	20.62	2.2046	.0025	39 33 24.8	12.363	.248	41.1	2	39 4503
760	7.2	26.37	2.1290	.0023	41 55 47.2	12.369	.239	41.2	2	41 4268
761	8.8	8 32 37.40	+2.0643	+0.0020	−43 50 22.3	−12.382	−0.231	41.4	3	43 4417
762	8.5	52.19	2.1587	.0024	41 3 41.8	12 399	.242	41.2	2	40 4408
763	7.7	52.90	2.0561	.0020	44 5 48.0	12.400	.230	41.0	3	43 4422
764	8.7	33 21.70	2.2045	.0026	39 39 26.1	12.434	.247	40.2	2	39 4517
765	7.1	22.02	2.2002	.0026	39 47 51.2	12.434	.246	40.2	2	39 4519
766	8.2	8 33 23.79	+2.2092	+0.0026	−39 30 29.2	−12.436	−0.247	40.2	2	39 4520
767	8.5	41.71	2.1329	.0024	41 56 3.0	12.457	.238	40.2	2	41 4288
768	7.8	51.43	2.1184	.0024	42 23 11.3	12.466	.236	41.6	2	42 4418
769	7.8	54.79	2.1738	.0025	40 41 37.4	12.471	.243	40.2	3	40 4433
770	8.8	34 4.41	2.0784	.0022	43 34 53.7	12.482	.232	41.3	3	43 4449
771	8.7	8 34 7.57	+2.1594	+0.0025	−41 9 51.1	−12.486	−0.241	40.3	2	40 4436
772	8.3	13.53	2.1529	.0025	41 22 26.9	12.492	.240	41.2	3	41 4294
773	9.1	19.37	2.0567	.0021	44 13 18.1	12.498	.229	41.2	2	43 4458
774	9.0	20.98	2.1952	.0026	40 3 9.4	12.500	.245	41.2	2	39 4544
775	8.8	35 14.42	2.1809	.0026	40 35 59.9	12.561	.242	41.1	2	40 4451
776	8.0	8 35 20.32	+2.0808	+0.0022	−43 38 12.4	−12.568	−0.231	41.1	2	43 4475
777	8.2	22.67	2.0906	.0023	43 21 29.7	12.571	.232	41.2	2	43 4476
778	9.0	28.60	2.1643	.0026	41 8 46.9	12.577	.240	41.4	3	40 4454
779	7.3	29.60	2.1843	.0026	40 30 58.0	12.579	.242	41.1	2	40 4453
780	8.9	35.50	2.1586	.0026	41 20 3.1	12.585	.240	41.2	2	41 4319
781	8.5	8 35 40.66	+2.1313	+0.0025	−42 10 47.1	−12.591	−0.236	41.0	3	41 4322
782	7.3	50.06	2.1934	.0027	40 15 37.8	12.603	.243	40.2	2	40 4455
783	8.3	53.45	2.1809	.0026	40 39 53.6	12.606	.242	40.2	2	40 4460
784	7.0	36 1.40	2.1336	.0025	42 8 38.3	12.615	.235	40.2	2	41 4328
785	9.0	6.43	2.1260	.0025	42 22 57.9	12.621	.235	40.2	3	42 4455
786	9.0	8 36 8.12	+2.1508	+0.0026	−41 37 46.3	−12.623	−0.238	40.2	2	41 4330
787	8.8	12.96	2.0604	.0022	44 18 34.6	12.628	.228	41.5	4	44 4616
788	8.5	20.36	2.1426	.0026	41 54 2.8	12.636	.237	40.3	2	41 4333
789	9.3	36.43	2.0751	.0023	43 55 50.0	12.654	.229	41.2	3	43 4499
790	8.5	53.77	2.1324	.0026	42 16 12.5	12.674	.235	41.2	2	42 4469
791	8.7	8 36 55.16	+2.1628	+0.0026	−41 24 10.2	−12.675	−0.238	41.0	2	41 4337
792	9.3	37 6.92	2.0890	.0024	43 34 54.1	12.689	.230	41.2	2	43 4508
793	8.5	49.83	2.1342	.0026	42 18 32.7	12.737	.235	41.1	2	42 4487
794	8.3	52.25	2.1731	.0027	41 6 42.5	12.740	.239	41.1	2	40 4491
795	9.0	38 2.22	2.1516	.0027	41 48 1.1	12.751	.236	41.2	2	41 4360
796	8.5	8 38 20.51	+2.0600	+0.0023	−44 32 13.8	−12.771	−0.226	41.2	2	44 4665
797	8.8	29.01	2.0282	.0021	45 26 16.2	12.781	.222	41.0	3	45 4380
798	7.7	33.88	2.1411	.0026	42 10 29.2	12.786	.235	41.2	2	41 4370
799	7.3	34.30	2.1400	.0026	42 12 40.0	12.787	.235	41.2	2	41 4371
800	6.5	52.94	2.0451	.0022	45 0 45.1	12.809	.224	40.2	2	44 4679

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
801	7.5	8ʰ38ᵐ55ˢ52	+2ˢ1428	+0ˢ0027	−42° 9′43″0	−12″812	−0″235	40.2	2	41°4380
802	8.1	39 5.16	2.0506	.0023	44 52 46.6	12.823	.224	40.2	2	44 4683
803	8.0	12.48	2.0256	.0022	45 35 1.9	12.831	.221	40.2	2	45 4395
804	9.2	47.76	2.1010	.0026	43 30 27.7	12.869	.229	41.9-41.7	2-3	43 4549
805	8.8	48.58	2.1376	.0027	42 24 44.3	12.871	.233	40.2	3	42 4517
806	9.1	8 39 51.43	+2.0818	+0 0025	−44 4 16.3	−12.874	−0.227	40.3	2	43 4551
807	7.5	52.09	2.0559	.0023	44 48 43.9	12.874	.224	41.2	3	44 4698
808	9.0	40 9.86	2.1446	.0028	42 14 9.1	12.894	.234	41.2	2	41 4403
809	8.7	12.78	2.1636	.0028	41 38 58.1	12.897	.236	41.3-41.5	3-2	41 4404
810	9.0	13.11	2.1388	.0027	42 25 4.8	12.897	.233	41.2	2	42 4525
811	5.9	8 40 14.74	+2.0424	+0.0023	−45 13 50.4	−12.899	−0.222	41.1	2	44 4704
812	8.3	39.26	2.1045	.0026	43 29 36.5	12.927	.229	41.1	2	43 4566
813	9.0	41 1.66	2.0402	.0023	45 22 27.7	12.952	.222	41.2	2	45 4435
814	8.5	12 10	2.0441	.0023	45 16 58.8	12.963	.222	41.0	3	45 4437
815	9.0	13.45	2.0967	.0026	43 46 58 9	12.965	.228	41.2	2	43 4571
816	9.0	8 41 19.83	+2.1663	+0.0029	−41 40 59.5	−12.973	−0.235	41.4	3	41 4421
817	8.8	22.65	2.1192	.0027	43 7 58.7	12.975	.230	41.2	2	42 4556
818	8.6	23.43	2.0171	.0022	46 2 36.9	12.977	.219	40.2	2	45 4442
819	7.5	24.76	2.0414	.0023	45 22 50.2	12.978	.221	40.2	2	45 4441
820	8.4	25.69	2.0325	.0023	45 37 39.8	12.979	.220	40.2	2	45 4443
821	9.1	8 41 40.99	+2.1700	+0.0029	−41 36 15.9	−12.995	−0.235	40.5	3	41 4428
822	8.8	43.63	2.0150	.0022	46 8 10.1	12.999	.218	40.2	3	45 4449
823	9.3	55.50	2.0238	.0022	45 55 11.5	13.011	.219	41.9-41.7	2-3	45 4455
824	9.1	58.99	2.0588	.0024	44 57 18.6	13.016	.223	40.3	2	44 4740
825	9.1	42 19.60	2.0777	.0026	44 27 4.7	13.038	.224	41.2	3	44 4748
826	9.0	8 42 31.41	+2.1683	+0.0029	−41 44 44.3	−13.051	−0.234	41.0	2	41 4438
827	8.8	42.43	2.1097	.0027	43 33 24.9	13.063	.228	41.4-41.6	3-2	43 4593
828	8.5	45.65	2.1571	.0029	42 7 21.3	13.067	.233	41.6	2	41 4445
829	7.8	57.54	2.1473	.0029	42 26 59.2	13.080	.232	41.1	2	42 4577
830	7.2	43 7.55	2.0838	.0026	44 21 43.4	13.091	.224	41.1	2	44 4771
831	8.4	8 43 12.37	+2.0200	+0.0022	−46 9 36.9	−13.096	−0.217	41.1	2	45 4490
832	8.5	28.70	2.0322	.0024	45 51 21.5	13.114	.218	41.2	2	45 4496
833	8.6	31.50	2.0372	.0024	45 43 25.7	13.117	.219	41.2	3	45 4498
834	8.6	39.36	2.0374	.0024	45 43 55.5	13.126	.219	41.2	2	45 4502
835	9.0	47.59	2.0710	.0026	44 48 13.3	13.136	.222	40 2	2	44 4785
836	8.4	8 43 48.33	+2.1274	+0.0029	−43 8 44.3	−13.137	−0.229	41 3	4	42 4591
837	7.2	44 2.53	2.0974	.0028	44 3 52.7	13.153	.225	40.2	2	43 4611
838	9.1	4.31	2.1478	.0030	43 33 8.8	13.154	.231	40.2	1	42 4594
839	8.3	10.46	2.0257	.0023	46 6 38.6	13.161	.217	40.2	2	45 4512
840	7.8	18.31	2.1152	.0028	43 34 2.9	13.170	.227	40.2	2	43 4615
841	9.2	8 44 30.20	+2.1486	+0.0030	−42 34 29.3	−13.182	−0.230	41.2	4	42 4605
842	9.3	47.00	2.1485	.0030	42 36 24.5	13.202	.230	42.0	3-2	42 4611
843	5.9	48.41	2.0420	.0025	45 43 41.7	13.202	.218	41.2	3	45 4526
844	9.0	52.72	2.1100	.0028	43 47 4.2	13.208	.226	40.3	2	43 4624
845	9.1	59.61	2.1146	.0029	43 39 39.6	13.214	.226	41.3-41.5	3-2	43 4627
846	7.2	8 45 21.67	+2.0739	+0.0027	−44 53 24.6	−13.238	−0.221	41.2	2	44 4818
847	6.4	36.93	2.0365	.0025	45 58 13.7	13.255	.217	41.1	2	45 4541
848	9.0	37.11	2.1616	.0031	42 17 24.3	13.255	.231	41.6	2	41 4504
849	9.1	38.62	2.1095	.0029	43 52 53.4	13.257	.225	41.2	2	43 4643
850	9.3	39.00	1.9733	.0020	47 40 1.5	13.257	.210	41.2	2	47 4358

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
851	8.8	8h45m44s61	+2s0408	+0s0025	−45°51′52″0	−13″264	−0″217	41 1	2	45°4545
852	8.4	45.57	2.1618	.0031	42 17 59.9	13.265	.230	41.5	2	42 4628
853	8.2	46.63	2.0264	.0024	46 15 57.8	13.266	.216	41.5-41.2	2	45 4547
854	9.2	56.75	1.9991	.0022	47 1 20.1	13.277	.212	41.3	4	46 4590
855	9.3	46 2.71	2.1054	.0029	44 2 50.2	13.283	.224	41.2	2	43.4649
856	7.6	8 46 7.30	+2.1350	+0.0030	−43 10 9.5	−13.289	−0.227	40.2	2	42 4638
857	9.3	24.08	2.1168	.0030	43 44 59.7	13.308	.225	40.2	2	43 4658
858	9.3	40.08	2.0131	.0024	46 43 29.5	13.324	.213	40.5	3	46 4605
859	8.8	49.93	1.9903	.0022	47 21 4.6	13.336	.211	40.2	2	47 4377
860	7.8	47 17.08	2.1259	.0031	43 34 29.1	13.365	.225	40.2	3	43 4668
861	8.8	8 47 24.57	+2.0622	+0.0027	−45 27 4.0	−13.373	−0.218	40.6-40.8	3-2	45 4581
862	8.6	27.49	2.1215	.0031	43 43 29.6	13.376	.225	40.7	2	43 4670
863	7.5	34.25	2.1398	.0031	43 11 2.2	13.383	.226	41.2	3-2	42 4676
864	9.1	34.87	2.0301	.0026	46 21 58.3	13.384	.214	41.3-41.5	3-2	46 4626
865	8.7	44.94	1.9961	.0023	47 18 7.0	13.395	.211	41.2	2	47 4393
866	5.7	8 48 3.78	+2.0764	+0.0029	−45 7 14.4	−13.415	−0.219	41.4	3	44 4861
867	8.6	21.14	1.9974	.0024	47 19 59.2	13.434	.210	41.1	2	47 4413
868	9.3	23.42	2.0770	.0029	45 8 14.9	13.436	.219	41.1	2	44 4873
869	8.1	34.06	2.0985	.0030	44 32 2.2	13.448	.221	41.2	2	44 4875
870	8.2	43.35	2.1459	.0032	43 7 29.5	13.458	.226	41.1	2	42 4701
871	8.9	8 48 50.30	+2.0531	+0.0028	−45 52 3.4	−13.465	−0.216	41.2	2	45 4616
872	9.1	49 6.44	2.0451	.0027	46 7 19.1	13.483	.215	40.2	2	45 4625
873	7.6	6.52	2.1330	.0032	43 33 48.3	13.483	.224	41.2	2	43 4691
874	9.3	6.56	2.0524	.0028	45 55 13.1	13.483	.216	41.0	3	45 4624
875	8.4	15.09	1.9876	.0023	47 41 37.4	13.493	.208	40.2	2	47 4430
876	7.8	8 49 42.34	+2.0719	+0.0029	−45 26 4.0	−13.523	−0.217	40.2	2	45 4641
877	8.1	48.96	2.0397	.0027	46 21 8.7	13.530	.214	40.2	3	46 4682
878	8.5	50.97	2.0374	.0027	46 25 16.1	13.531	.214	40.6	3	46 4683
879	8.7	53.38	2.1262	.0032	43 51 30.3	13.534	.223	40.2	2	43 4707
880	6.9	50 3.84	2.1234	.0032	43 57 42.6	13.546	.222	40.3	2	43 4711
881	9.1	8 50 17.69	+2.1290	+0.0032	−43 49 13.9	−13.559	−0.223	41.1	2	43 4716
882	8.3	19.88	2.0509	.0028	46 6 0.0	13.562	.214	41.1	3-2	45 4653
883	9.3	34.17	2.1250	.0032	43 58 25.1	13.577	.222	41.6	4	43 4718
884	6.5	59.83	1.9770	.0023	48 10 9.9	13.605	.206	41.1	2	47 4460
885	9.1	51 5.26	2.0162	.0026	47 8 35.5	13.610	.210	41.1	2	46 4705
886	7.4	8 51 7.05	+2.0140	+0.0026	−47 12 16.2	−13.612	−0.210	41.2	2	46 4707
887	8.4	7.16	2.1406	.0034	43 33 47.3	13.612	.223	41.2	2	43 4726
888	9.3	7.33	2.0841	.0031	45 14 47.0	13.613	.217	41.1	2	44 4920
889	9.3	52 1.94	1.9650	.0023	48 36 0.7	13.671	.204	41.2	2	48 4213
890	5.8	9.86	2.0139	.0027	47 19 47.2	13.680	.209	40.2	2	47 4480
891	8.0	8 52 10.37	+2.0904	+0.0032	−45 11 10.8	−13.680	−0.217	41.2	2	44 4933
892	9.2	16.20	2.0267	.0028	46 59 35.9	13.686	.210	41.0	3-2	46 4732
893	8.1	40.18	2.0897	.0032	45 15 47.5	13.712	.216	40.7	2	44 4939
894	8.8	53 18.28	2.0162	.0028	47 24 2.4	13.753	.208	40.2	2	47 4504
895	8.9	19.25	2.0228	.0028	47 13 27.3	13.754	.208	40.2	2	46 4750
896	8.0	8 53 25.83	+2.0613	+0.0031	−46 10 6.9	−13.760	−0.213	40.6	3	45 4694
897	8.7	26.27	2.0162	.0028	47 24 56.1	13.762	.208	40.2	3	47 4505
898	6.9	33.87	2.1074	.0034	44 50 58.7	13.769	.217	40.5	4	44 4951
899	9.1	39.59	2.0863	.0033	45 28 44.6	13.775	.215	41.2	3-2	45 4698
900	8.3	40.89	2.0434	.0030	46 41 55.6	13.776	.210	41.5	4	46 4758

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
901	8.6	8h54m 4s.63	+2s.0460	+0s.0030	—46°40′31″.0	—13″.801	—0″.210	41.2	2	46°4766
902	8.2	7.19	2.0649	.0032	46 8 57.3	13.804	.212	41.2	2	45 4707
903	9.1	30.01	1.9629	.0024	48 56 28.5	13.828	.201	41.1	2	48 4249
904	8.8	30.47	2.0991	.0034	45 12 21.0	13.829	.216	41.1	2	44 4963
905	8.6	34.66	2.0671	.0032	46 8 22.0	13.833	.212	41.1	2	45 4710
906	9.1	8 54 47.53	+2.0101	+0.0028	—47 44 22.5	—13.846	—0.206	41.2	2	47 4531
907	8.9	55 0.64	2.0138	.0028	47 40 4.5	13.860	.206	41.2	2	47 4532
908	9.3	33.24	2.0980	.0034	45 21 49.3	13.894	.214	41.2	2	45 4726
909	8.9	40.40	2.0039	.0028	48 0 39.5	13.902	.204	41.0	3-2	47 4543
910	6.6	56 15.99	1.9927	.0027	48 22 43.0	13.939	.203	40.8-40.6	2-3	48 4282
911	8.7	8 56 32.24	+2.0801	+0.0034	—46 0 13.0	—13.958	—0.212	40.2	2	45 4742
912	9.0	55.16	2.0510	.0032	46 52 35.3	13.981	.208	40.2	2	46 4807
913	9.4	57.60	2.0622	.0033	46 33 55.4	13.983	.209	40.2	2	46 4808
914	5.0	57 10.47	2.0462	.0032	47 2 24.6	13.997	.208	40.2	3	46 4810
915	9.2	25.59	1.9389	.0023	49 53 45.6	14.012	.196	40.5-40.6	4-3	49 4028
916	9.4	8 57 35.47	+1.9890	+0.0028	—48 38 5.6	—14.024	—0.201	40.3	2	48 4300
917	7.7	41.81	2.0099	.0030	48 5 43.0	14.029	.203	41.2	4	47 4571
918	9.1	47.96	1.9668	.0026	49 14 7.5	14.036	.199	41.0	2	48 4303
919	9.2	58 2.54	2.0475	.0033	47 6 38.4	14.051	.207	41.2	2	46 4818
920	9.1	17.86	2.0369	.0032	47 26 5.7	14.067	.206	41.4	3	47 4579
921	7.5	8 58 22.83	+1.9647	+0.0026	—49 21 42.7	—14.072	—0.198	41.1	2	49 4042
922	9.1	28.90	2.0562	.0036	46 55 20.6	14.078	.207	41.1	2	46 4822
923	9.1	30.42	2.0715	.0035	46 29 22.6	14.080	.209	41.5	2	46 4821
924	8.9	39.31	2.0712	.0034	46 31 6.5	14.089	.209	41.3	3	46 4823
925	8.1	42.70	1.9987	.0030	48 31 4.9	14.093	.201	41.2	2	48 4318
926	9.2	8 58 42.77	+2.0523	+0.0034	—47 3 35.6	—14.092	—0.207	41.2	2	46 4826
927	9.2	50.31	2.0368	.0033	47 30 16.5	14.100	.205	41.2	2	47 4582
928	8.4	59 0.87	2.1010	.0037	45 41 54.9	14.111	.211	41.0-41.1	3-2	45 4772
929	8.3	8.74	2.1104	.0037	45 26 5.5	14.119	.212	40.6	3	45 4774
930	7.9	25.88	2.0556	.0034	47 3 16.4	14.138	.206	40.2	2	46 4836
931	9.2	8 59 46.33	+2.0453	+0.0034	—47 23 5.0	—14.158	—0.205	40.5	3	47 4589
932	9.0	47.65	1.9422	.0025	50 6 7.6	14.161	.194	40.2	3	49 4054
933	7.5	53.01	1.9711	.0028	49 22 54.7	14.166	.197	40.2	2	49 4057
934	8.7	9 0 4.01	1.9456	.0026	50 3 2.6	14.177	.194	40.3	2	49 4060
935	9.0	7.04	2.0040	.0031	48 33 4.3	14.179	.200	40.5	4	48 4345
936	9.1	9 0 23.29	+2.0876	+0.0037	—46 15 33.5	—14.196	—0.209	41.0	3	45 4788
937	8.9	45.41	2.0857	.0037	46 21 48.3	14.219	.208	40.3	2	46 4855
938	9.2	1 19.88	2.0118	.0032	48 29 40.7	14.254	.200	40.2	1	48 4364
939	8.7	26.17	1.9397	.0025	50 21 58.8	14.261	.193	40.2	2	50 3784
940	7.0	31.72	1.9745	.0029	49 29 52.8	14.266	.196	40.2	2	49 4075
941	8.8	9 1 32.25	+2.0197	+0.0033	—48 18 30.4	—14.267	—0.201	40.8	2	48 4368
942	9.1	42.75	1.9583	.0028	49 56 2.4	14.278	.194	40.3	2	49 4079
943	9.1	43.60	2.0139	.0032	48 29 15.6	14.279	.200	40.2	2	48 4374
944	8.0	46.82	2.0607	.0036	47 12 18.8	14.282	.205	40.2	3	46 4870
945	8.8	49.88	2.0422	.0035	47 43 50.0	14.285	.203	40.8	2	47 4619
946	8.5	9 1 50.81	+1.9741	+0.0029	—49 32 50.3	—14.286	—0.196	41.2	2	49 4080
947	9.3	2 10.06	2.0207	.0033	48 21 31.1	14.306	.200	41.2	2	48 4382
948	7.3	22.75	2.0621	.0037	47 14 30.9	14.319	.204	41.2	2	46 4882
949	4.6	25.74	2.0744	.0038	46 53 52.6	14.322	.205	41.2	2	46 4883
950	8.9	33.77	2.0358	.0035	47 59 52.4	14.330	.201	41.2	2	47 4628

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
951	7.4	9h 3m 5.80	+2.0872	+0.0039	−46°36′58.″3	−14.″362	−0.″206	41.3	2	46°4892
952	9.0	23.88	2.0866	.0038	46 50 42.6	14.381	.205	40.3	2	46 4896
953	8.8	25.78	2.0303	.0034	48 15 35.5	14.383	.200	40.3	2	47 4640
954	8.7	42.96	2.0608	.0038	47 27 4.7	14.400	.203	40.2	2	47 4644
955	7.8	52.43	1.9631	.0030	50 5 10.0	14.410	.193	40.2	2	49 4111
956	8.9	9 4 2.30	+2.0039	+0.0033	−49 2 55.9	−14.420	−0.197	40.2	2	48 4417
957	8.0	4.02	1.9696	.0030	49 56 36.9	14.422	.193	40.2	3	49 4114
958	9.0	8.34	2.0586	.0038	47 34 3.2	14.426	.202	40.3	2	47 4650
959	8.9	17.19	2.0637	.0038	47 26 31.4	14.435	.202	40.3	2	47 4653
960	7.7	17.77	2.0057	.0034	49 1 58.9	14.435	.197	40.8	2	48 4420
961	8.8	9 4 37.19	+2.0298	+0.0036	−48 25 37.9	−14.455	−0.199	41.2	2	48 4424
962	9.3	37.91	2.0461	.0037	47 58 43.3	14.456	.200	41.2	2	47 4658
963	8.1	51.69	2.0566	.0038	47 43 3.7	14.470	.201	41.2	2	47 4662
964	9.0	5 37.99	2.0414	.0038	48 14 19.3	14.516	.199	41.2	2	47 4667
965	9.3	44.90	2.0622	.0039	47 40 32.9	14.523	.201	41.2	2	47 4669
966	8.7	9 5 54.88	+2.0741	+0.0040	−47 21 33.1	−14.533	−0.202	41.3	2	47 4673
967	9.2	6 0.82	1.9657	.0031	50 17 43.8	14.539	.191	40.3	3	49 4139
968	8.8	2.92	1.9602	.0031	50 26 15.7	14.541	.190	41.3	2	50 3855
969	8.0	18.52	1.9679	.0032	50 16 37.8	14.557	.191	40.2	2	49 4142
970	8.8	21.75	2.0077	.0036	49 14 54.6	14.560	.195	40.2	2	48 4446
971	9.2	9 6 23.36	+2.0205	+0.0036	−48 54 30.4	−14.562	−0.196	40.2	2	48 4447
972	8.9	33.67	1.9566	.0031	50 35 41.7	14.572	.190	40.2	3	50 3869
973	8.8	35.48	2.0569	.0040	47 56 3.0	14.574	.200	40.2	2	47 4682
974	9.1	50.77	2.0507	.0039	48 8 25.7	14.589	.199	40.8	2	47 4685
975	8.6	55.05	2.0750	.0041	47 27 49.9	14.594	.201	40.3	2	47 4687
976	8.4	9 7 11.91	+2.0179	+0.0037	−49 5 11.1	−14.610	−0.195	41.2	2	48 4458
977	9.3	38.32	2.0761	.0038	47 31 43.5	14.637	.205	41.2	2	47 4695
978	8.0	44.85	2.0594	.0037	48 1 3.9	14.643	.198	41.2	2	47 4696
979	8.9	57.92	2.0476	.0040	48 22 30.8	14.656	.197	41.2	2	48 4469
980	7.5	8 4.10	2.0172	.0037	49 13 10.0	14.662	.194	41.2	2	48 4471
981	7.1	9 8 8.48	+2.0874	+0.0043	−47 16 18.3	−14.667	−0.201	41.3	2	46 4968
982	8.0	22.32	2.0629	.0041	48 0 7.3	14.680	.198	40.3	2	47 4706
983	9.1	22.65	1.9618	.0032	50 42 10.2	14.681	.188	40.2	2	50 3892
984	7.4	24.91	2.0239	.0038	49 5 6.0	14.683	.194	40.3	2	48 4479
985	9.0	44.58	1.9602	.0032	50 47 23.3	14.702	.188	40.2	2	50 3897
986	9.2	9 8 44.67	+1.9857	+0.0035	−50 8 20.7	−14.703	−0.190	40.2	2	49 4181
987	8.6	9 24.95	2.0304	.0040	49 2 30.6	14.742	.194	40.2	3	48 4497
988	8.5	26.87	2.0128	.0038	49 31 11.1	14.744	.192	40.2	3	49 4190
989	9.0	29.70	1.9386	.0031	51 25 45.9	14.747	.185	40.3	2	51 3572
990	8.6	10 0.56	2.0506	.0042	48 34 2.7	14.778	.196	40.3	2	48 4505
991	7.9	9 10 3.61	+1.9702	+0.0034	−50 42 41.8	−14.781	−0.188	41.2	2	50 3914
992	8.6	11 10.35	2.0417	.0042	48 58 14.8	14.846	.194	41.2	2	48 4517
993	9.0	18.28	2.0551	.0043	48 36 58.9	14.854	.195	41.2	2	48 4518
994	8.8	21.35	2.0159	.0040	49 41 44.7	14.857	.191	41.2	2	49 4214
995	9.1	35.88	1.9352	.0032	51 47 28.4	14.871	.183	41.2	2	51 3611
996	8.8	9 11 41.52	+1.9282	+0.0031	−51 58 28.3	−14.877	−0.182	40.3	2	51 3614
997	9.3	47.95	1.9854	.0037	50 33 24.3	14.883	.187	40.3	2	50 3932
998	7.3	48.49	2.0479	.0043	48 53 11.2	14.883	.194	41.3	2	48 4525
999	9.0	12 4.28	2.0075	.0039	50 0 57.5	14.899	.189	40.2	2	49 4224
1000	9.0	17.84	1.9835	.0037	50 40 31.0	14.912	.187	40.2	2	50 3941

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
1001	8.0	$9^h12^m23^s.38$	+2.0368	+0.0042	−49°16′22″.7	−14″.917	−0″.192	40.2	2	48°4534
1002	8.6	25.91	1.9948	.0039	50 24 2.1	14.920	.188	40.2	3	50 3944
1003	9.1	27.74	1.9726	.0036	50 58 36.4	14.922	.186	40.3	2	50 3946
1004	9.1	30.46	2.0051	.0040	50 8 26.8	14.924	.189	40.2	3	49 4231
1005	9.1	31.03	2.0054	.0040	50 8 1.9	14.925	.189	40.3	2	49 4232
1006	9.0	9 13 9.05	+1.9317	+0.0032	−52 5 18.8	−14.962	−0.181	41.2	2	51 3643
1007	8.7	20.06	2.0764	.0046	48 17 43.4	14.972	.195	41.2	2	47 4783
1008	8.9	55.09	2.0861	.0047	48 6 3.5	15.006	.195	41.2	2	47 4791
1009	8.1	14 13.35	2.0280	.0043	49 45 51.2	15.024	.189	41.2	2	49 4264
1010	9.2	15.80	1.9761	.0039	51 8 2.5	15.026	.184	41.2	2	50 3963
1011	9.2	9 14 33.15	+2.0187	+0.0043	−50 3 39.7	−15.043	−0.188	40.3	2	49 4269
1012	9.1	33.61	2.0438	.0045	49 22 53.8	15.044	.190	41.3	2	49 4268
1013	7.3	57.77	2.0463	.0045	49 22 7.6	15.067	.190	40.3	2	49 4273
1014	9.1	58.79	1.9955	.0041	50 44 1.8	15.068	.185	40.2	2	50 3972
1015	7.8	15 21.54	1.9784	.0040	51 13 42.7	15.090	.183	40.2	2	50 3979
1016	7.5	9 15 46.44	+2.0137	+0.0043	−50 21 53.9	−15.114	−0.186	40.2	2	50 3990
1017	9.0	54.87	1.9251	.0033	52 37 40.5	15.122	.178	40.2	3	52 2185C.P.D.
1018	9.1	16 15.43	1.9620	.0038	51 46 1.6	15.141	.181	40.3	3	51 3686
1019	5.8	25.93	1.9993	.0042	50 50 23.2	15.151	.184	40.3	2	50 4001
1020	9.1	40.23	1.9755	.0040	51 29 6.7	15.165	.182	40.3	2	51 3691
1021	9.2	9 16 52.79	+2.0188	+0.0044	−50 23 12.5	−15.177	−0.186	41.2	2	50 4010
1022	6.3	17 3.22	1.9830	.0041	51 20 56.2	15.187	.182	41.2	2	51 3693
1023	8.8	10.83	2.0499	.0048	49 35 4.9	15.194	.198	41.2	2	49 4302
1024	9.1	11.83	2.0483	.0047	49 37 54.7	15.195	.198	41.3	2	49 4304
1025	9.2	19 74	2.0158	.0044	50 31 52.3	15.203	.185	41.2	2	50 4013
1026	9.0	9 17 20.47	+2.0408	+0.0047	−49 51 32.4	−15.203	−0.187	41.3	2	49 4306
1027	8.9	20.94	1.9540	.0038	52 7 14.2	15.204	.179	40.3	2	51 3698
1028	9.3	34.10	2.0810	.0050	48 45 57.8	15.216	.191	40.7	2	48 4600
1029	9.2	18 15.81	2.0282	.0047	50 20 3.8	15.256	.185	40.2	2	50 4026
1030	8.5	37.03	1.9293	.0036	52 54 24.5	15.276	.176	40.2	2	52 2242C.P.D.
1031	8.6	9 18 49.88	+1.9541	+0.0039	−52 19 41.3	−15.288	−0.178	40.3	3	52 2244C.P.D.
1032	8.5	50.40	2.0546	.0049	49 41 39.2	15.288	.187	40.2	3	49 4326
1033	8.9	50.75	2.0222	.0046	50 34 43.1	15.289	.184	40.2	2	50 4037
1034	8.7	19 0.05	2.0264	.0047	50 29 21.7	15.297	.184	40.3	2	50 4041
1035	7 8	8.22	1.9266	.0036	53 2 31.6	15.305	.175	40.3	2	52 2248C.P.D.
1036	8.8	9 19 15.15	+2.0680	+0.0051	−49 22 51.5	−15.312	−0.188	41.2	2	49 4330
1037	9.2	50.84	1.9362	.0038	52 54 44.1	15.345	.175	41.2	2	52 2254C.P.D.
1038	9.0	51.03	1.9818	.0043	51 46 43.0	15.345	.179	41.2	2	51 3727
1039	8.4	51.18	2.0044	.0046	51 11 41.6	15.346	.181	41.2	2	50 4055
1040	8.4	54.68	2.0667	.0051	49 30 53.2	15.349	.187	41.2	2	49 4341
1041	9.1	9 20 9.51	+2.0845	+0.0053	−49 2 39.0	−15.363	−0.188	41.3	2	48 4628
1042	8.8	20.95	1.9620	.0041	52 20 59.9	15.373	.177	40.3	2	52 2262C.P.D.
1043	8.0	45.83	2.0530	.0051	50 1 14.5	15.397	.185	40.2	2	49 4352
1044	8.7	49.64	2.0822	.0053	49 12 34.4	15.400	.188	40.3	2	48 4637
1045	8.0	52.43	1.9169	.0036	53 31 19.9	15.403	.172	40.2	2	53 2347C.P.D.
1046	8.7	9 21 0.36	+1.9304	+0.0038	−53 13 9.6	−15.410	−0.173	40.2	2	52 2273C.P.D.
1047	8.7	29.07	1.9257	.0038	53 24 2.7	15.437	.172	40.3	2	53 2355C.P.D.
1048	8.0	29.43	1.9558	.0042	52 40 13.6	15.437	.175	40.2	3	52 2279C.P.D.
1049	8.8	34.48	1.9990	.0047	51 35 15.4	15.442	.179	40.2	3	51 3757
1050	8.9	39.53	1.9623	.0043	52 31 57.4	15.447	.176	40.3	2	52 2281C.P.D.

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1051	8.0	9h22m 2.s20	+1.s9778	+0.s0045	−52°12′43.″1	−15.″468	−0.″177	41.2	2	51°3764 Co.D.
1052	8.2	7.30	1.9438	.0040	53 3 19.8	15.472	.174	41.2	2	52 2296
1053	8.6	14.50	1.9391	.0040	53 11 21.9	15.479	.173	41.2	2	52 2298
1054	6.6	18.93	2.0058	.0048	51 31 16.5	15.483	.179	41.2	2	51 3767 Co.D.
1055	10.0	23 3.07	2.0075	.0049	51 33 41.3	15.524	.178	41 2-42.0	2-1	51 3778 Co.D.
1056	9.2	9 23 3.47	+1.9540	+0.0043	−52 56 43.3	−15.524	−0.173	41.3	2	52 2319
1057	8.4	5.44	1.9602	.0044	52 47 44.5	15 526	.174	41.2	2	52 2320
1058	8.2	12.90	2.0644	.0054	50 4 10.2	15.533	.184	40.3	2	49 4384 Co.D.
1059	8.6	19.03	1.9453	.0042	53 11 39.7	15.539	.172	40.2	2	52 2330
1060	9.3	23.80	2.0080	.0049	51 37 28.8	15.543	.178	41.2	2	51 3787 Co.D.
1061	9.0	9 23 32.91	+1.9862	+0.0047	−52 12 32.3	−15.551	−0.176	40.2	2	51 3791 Co.D.
1062	8.2	40.42	2.0160	.0050	51 27 20.9	15.558	.178	40.2	2	51 3793 Co.D.
1063	7.5	58 66	1.9559	.0044	53 1 59.6	15.575	.173	40.2	3	52 2346
1064	8.6	59.73	1.9174	.0039	53 57 46.4	15.576	.169	40.3	3	53 2391
1065	8.6	24 12.33	1.9413	.0043	53 25 22.2	15.588	.171	40.3	2	53 2396
1066	7.6	9 24 20.92	+1.9340	+0.0041	−53 37 20.0	−15.595	−0.170	40.3	2	53 2401
1067	8.9	29.93	1.9445	.0043	53 23 22.5	15.604	.171	41.2	2	53 2404
1068	8.8	31.34	2.0098	.0050	51 44 45.7	15.605	.177	41.2	2	51 3809 Co.D.
1069	6.2	40.35	1.9549	.0044	53 9 41.7	15.613	.172	41.2	2	52 2360
1070	8.2	45.34	2.0107	.0054	50 57 25.3	15.618	.180	41.2	2	50 4147 Co.D.
1071	8.9	9 24 52.25	+2.0729	+0.0057	−50 5 2.0	−15.624	−0.183	41.2	2	49 4402 Co.D.
1072	8.5	25 6.34	1.9520	.0044	53 17 49.1	15.637	.171	40.3	2	52 2368
1073	9.0	8.57	2.0207	.0052	51 33 7.0	15.639	.178	41.3	2	51 3824 Co.D.
1074	8.6	21.74	1.9953	.0050	52 14 52.7	15.651	.175	40.3	2	51 3830 Co.D.
1075	7.9	44.35	1.9372	.0043	53 45 2.5	15.672	.169	40.2	2	53 2433
1076	7.6	9 26 19.62	+1.9594	+0.0046	−53 17 54.5	−15.704	−0.171	40.2	2	52 2387
1077	8.9	25.14	1.9162	.0041	54 21 2.4	15.709	.167	40.2	2	54 2320
1078	8.0	36.23	1.9446	.0045	53 42 3.5	15.719	.169	40.2	3	53 2457
1079	9.0	54.01	1.9674	.0048	53 11 17.3	15.735	.171	40.2	3	52 2393
1080	9.0	27 19.90	1.9252	.0043	54 16 31.4	15.758	.167	40.3	2	53 2471
1081	8.7	9 27 24.52	+1.9845	+0.0050	−52 50 12.5	−15.762	−0.172	40.3	2	52 2396
1082	8.8	26.75	1.9596	.0047	53 27 49.8	15.764	.170	41.2	2	53 2473
1083	7.7	35.71	2.0102	.0053	52 12 18.5	15.772	.174	41.2	2	51 3865 Co.D.
1084	7.3	53.30	2.0788	.0060	50 23 2.2	15.788	.180	41.2	2	50 4197 Co.D.
1085	8.5	56.76	1.0724	.0049	53 13 26.2	15.791	.170	41.3	3	52 2406
1086	8.0	9 28 1.91	+1.9201	+0.0043	−54 30 9.5	−15.796	−0.166	41.2	2	54 2349
1087	5.9	22.65	2.0488	.0058	51 17 47.6	15.814	.177	41.3	2	50 4204 Co.D.
1088	8.8	25.22	2.0006	.0053	52 34 53.4	15.817	.172	40.3	2	52 2415
1089	8.8	29.64	2.0040	.0054	52 30 17.5	15.821	.173	40.3	2	52 2418
1090	8.8	37 56	2.0208	.0055	52 5 8.2	15.828	.174	40.2	2	51 3880 Co.D.
1091	9.1	9 29 1.51	+1.9318	+0.0045	−54 22 33.8	−15.849	−0.166	40.2	2	54 2371
1092	8.3	3.38	1.9761	.0051	53 18 6.4	15.851	.168	40.2	2	52 2440
1093	8.2	43.70	1 9693	.0050	53 34 31.4	15.887	.168	40.2	3	53 2513
1094	8.4	51.78	2.0069	.0061	51 1 49.5	15.894	.177	40.2	3	50 4230 Co.D.
1095	9.2	55.41	1.9973	.0054	52 53 57.0	15.897	.170	40.9	3	52 2467
1096	9.0	9 29 57.01	+2.0424	+0.0059	−51 43 3.8	−15.899	−0.174	40.8	2	51 3902 Co.D.
1097	8.9	30 49.98	1.9576	.0050	54 2 1.1	15.945	.166	41.2	2	53 2537
1098	8.3	59.24	1.9942	.0055	53 8 47.7	15.954	.169	41.2	2	52 2489
1099	7.6	31 4.43	1 9353	.0048	54 36 31.4	15.958	.164	41.2	2	54 2417
1100	8.9	7.15	1.9680	.0052	53 49 22.3	15.961	.167	41.2	2	53 2544

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1101	7.8	$9^h31^m14^s.55$	+1ˢ.9462	+0ˢ.0049	−54°22′26″.3	−15″.967	−0″.165	41.2	2	54°2423
1102	8.0	35.64	2.0188	.0059	52 36 27.4	15.986	.168	41.3	2	52 2308
1103	8.7	41.08	1.9958	.0056	53 12 51.6	15.990	.169	41.2	2	52 2512
1104	8.5	56.28	2.0011	.0056	53 7 16.8	16.004	.169	40.3	2	52 2530
1105	8.9	32 7.95	1.9747	.0054	53 49 1.2	16.014	.166	40.2	2	53 2566
1106	8.0	9 32 15.51	+1.9916	+0.0055	−53 24 43.7	−16.021	−0.168	40.2	2	53 2571
1107	5.4	24.68	2.0815	.0065	51 1 55.5	16.029	.175	40.2	2	50 4270 Co.D.
1108	8.8	51.79	1.9244	.0048	55 8 46.5	16.052	.161	40.2	3	54 2448
1109	8.9	57.48	1.9786	.0055	53 51 1.4	16.057	.166	40.2	3	53 2592
1110	8.0	33 2.53	2.0574	.0063	51 48 18.2	16.062	.173	40.3	2	51 3953 Co.D.
1111	8.8	9 33 5.94	+2.0529	+0.0063	−51 56 16.2	−16.065	−0.172	40.3	2	51 3954 Co.D.
1112	9.1	15.43	2.0633	.0064	51 40 41.9	16.078	.173	41.2	2	51 3956 Co.D.
1113	8.8	39.51	1.9752	.0055	54 2 52.6	16.094	.165	41.2	2	53 2611
1114	7.8	34 8.30	1.9825	.0057	53 56 39.4	16.119	.165	41.2	2	53 2616
1115	8.6	8.47	2.0239	.0061	52 52 59.7	16.119	.168	41.2	2	52 2590
1116	8.5	9 34 21.91	+2.0755	+0.0067	−51 31 11.7	−16.131	−0.173	41.2	2	51 3977 Co.D.
1117	8.1	29.77	2.0220	.0062	52 59 23.2	16.138	.168	41.3	2	52 2599
1118	8.1	32.09	2.0474	.0062	52 19 11.1	16.140	.168	40.8	2	51 3979 Co.D.
1119	7.6	34.07	2.0850	.0068	51 17 19.4	16.141	.173	40.9-41.2	3-2	50 4299 Co.D.
1120	8.1	35 5.19	2.0359	.0064	52 43 12.3	16.168	.168	40.2	2	52 2612
1121	6.2	9 35 32.15	+2.0111	+0.0062	−53 26 34.4	−16.191	−0.166	40.2	2	53 2646
1122	9.0	40.09	2.0935	.0070	51 14 5.6	16.198	.173	40.2	2	50 4329 Co.D.
1123	9.0	42.24	1.9660	.0056	54 36 21.0	16.200	.162	40.2	3	54 2505
1124	8.6	53.23	2.0101	.0062	53 31 40.9	16.209	.165	40.2	2-3	53 2650
1125	8.9	58.63	1.9633	.0056	54 42 48.9	16.214	.161	40.3	2	54 2511
1126	8.9	9 36 10.20	+2.0147	+0.0063	−53 27 15.2	−16.224	−0.166	40.3	2	53 2656
1127	7.0	23.39	1.9951	.0061	53 59 35.1	16.235	.163	41.2	2	53 2664
1128	8.1	30.58	2.0341	.0067	52 28 1.5	16.241	.168	41.2	2	52 2645
1129	8.4	34.21	1.9613	.0057	54 51 33.6	16.245	.160	41.2	2	54 2525
1130	8.8	37 9.91	2.0301	.0066	53 13 2.4	16.275	.166	41.2	2	52 2657
1131	8.8	9 37 10.14	+1.9960	+0.0062	−54 5 55.1	−16.275	−0.163	41.2	2	53 2679
1132	8.4	40.76	2.0521	.0068	52 42 58.7	16.301	.167	41.3	2	52 2663
1133	8.6	46.90	2.0024	.0063	54 2 15.9	16.306	.163	40.3	2	53 2693
1134	7.2	47.48	1.9830	.0061	54 31 34.3	16.307	.161	40.8	2	54 2554
1135	7.7	58.66	2.0423	.0068	53 1 50.3	16.316	.166	40.2	2	52 2669
1136	8.9	9 38 8.65	+2.0520	+0.0069	−52 47 55.9	−16.325	−0.166	40.2	2	52 2673
1137	8.5	19.41	2.0397	.0068	53 9 26.9	16.334	.165	40.2	2	52 2678
1138	8.2	24.83	2.0537	.0070	52 47 50.7	16.338	.166	40.2	2-3	52 2680
1139	9.0	28.59	2.0451	.0069	53 2 25.2	16.342	.164	40.2	3	52 2681
1140	8.0	30.34	1.9485	.0057	55 29 2.0	16.343	.157	40.3	2	55 2401
1141	8.7	9 38 46.91	+2.0043	+0.0064	−54 9 25.6	−16.357	−0.162	40.3	2	53 2714
1142	8.9	39 5.95	1.9575	.0059	55 21 58.5	16.373	.158	41.2	2	55 2421
1143	7.4	16.83	1.9838	.0062	54 45 19.2	16.382	.160	41.2	2	54 2579
1144	8.9	21.87	2.0498	.0070	53 3 47.9	16.387	.165	41.2	2	52 2698
1145	8.1	46.94	2.0800	.0074	52 18 36.3	16.407	.167	41.2	2	51 4075 Co.D.
1146	6.3	9 40 8.86	+1.9804	+0.0063	−54 59 6.2	−16.426	−0.158	41.3	2	54 2594
1147	8.2	10.63	2.0200	.0068	53 59 18.3	16.427	.162	41.2	2	53 2745
1148	8.8	49.47	2.0040	.0076	52 5 43.7	16.459	.167	40.3	2	51 4089 Co.D.
1149	8.6	52.45	2.0495	.0072	53 19 57.7	16.461	.164	40.8	2	52 2727
1150	7.9	41 3.73	1.9612	.0062	55 36 13.7	16.471	.156	40.2	2	55 2452

Nº	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	Nº obs.	C. P. D.
1151	8.8	9ʰ41ᵐ13ˢ88	+2ˢ0686	+0ˢ0073	−52°52′30″7	−16″479	−0″165	40.2	2	53°2734
1152	8.0	15.83	2.0058	.0068	54 32 11.9	16.481	.159	40.2	2	54 2618
1153	8.7	43.60	1.9989	.0067	54 47 25.4	16.504	.158	40.2	3	54 2632
1154	6.0	42 0.32	2.0445	.0073	53 39 41.6	16.517	.162	40.2	2-3	53 2788
1155	8.8	15.30	2.0013	.0068	54 49 15.9	16 530	.158	40.3	2	54 2642
1156	9.0	9 42 21.84	+2.0342	+0.0072	−53 59 38.5	−16.536	−0.161	41.2-40.9	2-3	53 2804
1157	8.0	24.49	2.0526	.0074	53 30 54.5	16.537	.162	41.2	2	53 2806
1158	8.7	42.60	1.9811	.0066	55 24 1.6	16.552	.156	41.2	2	55 2475
1159	9.0	43 6.84	1.9825	.0067	55 26 13.7	16.572	.155	41.2	2	55 2483
1160	8.9	12.77	2.0063	.0070	54 51 37.4	16.577	.157	41.2	2	54 2656
1161	7.9	9 43 18.44	+1.9695	+0.0065	−55 47 11.9	−16 582	−0 154	41.2	2	55 2485
1162	8.5	32.54	2.0714	.0077	53 12 12.5	16.593	.162	40.3	2	52 2772
1163	7.4	35.45	2.0415	.0075	54 0 58.6	16 595	.160	41.3	2	53 2836
1164	8.3	44.12	2.0405	.0075	54 4 5.6	16.603	.160	40.8	2	53 2840
1165	8.7	56.11	1.9852	.0068	55 30 45.3	16.612	.155	40.2	2	55 2500
1166	9.0	9 44 11.31	+2.0936	+0.0080	−52 42 10 6	−16.625	−0.163	40.2	2	52 2782
1167	9.0	26.74	1.9867	.0069	55 33 43.0	16.637	.154	40.2	2	55 2507
1168	9.0	34.23	2.0951	.0081	52 43 39.9	16.643	.163	40.2	3	52 2788
1169	8.6	40.67	2 0524	.0077	53 55 6.5	16.649	.160	40.2	2-3	53 2865
1170	8.8	51.10	2.0969	.0082	52 43 43.1	16.657	.163	40.3	2	52 2793
1171	8.6	9 45 2.48	+2.0091	+0.0072	−55 6 30.6	−16 666	−0.156	40.3	2	54 2700
1172	9.0	10.14	2.0068	.0073	55 11 25.4	16.673	.155	41.2	2	54 2703
1173	8.7	24.99	2.0554	.0078	53 58 18.0	16.685	.159	41.2	2	53 2878
1174	8.3	46 3.86	1.9717	.0069	56 12 32.4	16.716	.152	41.2	2	55 2536
1175	8.8	13.43	1.9928	.0072	55 43 25.7	16.724	.153	41.2	2	55 2540
1176	8.6	9 46 30.19	+1.9849	+0.0071	−55 57 59.2	−16.737	−0.152	40.8	2	55 2544
1177	8.2	30.25	2.0555	.0080	54 9 47.9	16.737	.158	41.3	2	53 2902
1178	9.0	31.14	2.0214	.0076	55 3 22.4	16.738	.155	40.3	2	54 2731
1179	9.0	31.66	2.1071	.0085	52 44 28.8	16.738	.162	41.2	2	52 2823
1180	8.6	47.89	2.1077	.0085	52 46 30.4	16.751	.162	40.2	2	52 2827
1181	8.8	9 46 50.19	+2.0132	+0.0075	−55 19 25.1	−16.753	−0.154	40.2	2	54 2735
1182	8.3	59.17	2.0167	.0076	55 15 41.4	16.760	.154	40.7	2	54 2737
1183	7.6	47 1.28	1.9799	.0071	56 10 43.4	16.762	.151	40.3	2	55 2548
1184	8.5	7.74	2.0894	.0084	53 21 8.3	16.767	.160	40.2	3	53 2912
1185	9.0	36.76	2.0765	.0083	53 57 39.2	16.790	.158	40.8	2	53 2919
1186	8.5	9 47 57.90	+2.0777	+0.0084	−53 49 41.7	−16.807	−0.158	40.3	2	53 2925
1187	8.6	48 35.57	2.0367	.0080	55 2 12.5	16.837	.154	41.2	2	54 2759
1188	9.0	55.19	2.0141	.0078	55 40 27.5	16.852	.152	41.2	2	55 2579
1189	8.6	59.70	2.1087	.0088	53 9 9.7	16.856	.159	41.2	2	52 2872
1190	8.9	49 4.68	2.1034	.0088	53 19 5.3	16.860	.159	41.2	2	52 2876
1191	9.0	9 49 43.97	+2.0970	+0.0088	−53 37 16.4	−16.891	−0.157	41.2	2	53 2932
1192	8.2	54.25	2.0416	.0083	55 8 55.2	16.899	.153	41.3	2	54 2790
1193	7.8	57 76	2.0694	.0086	54 25 19.1	16.902	.155	40.3	2	54 2792
1194	8.7	50 6.80	1.9991	.0078	56 15 52.1	16.909	.149	40.8	2	55 2600
1195	8.7	8.24	1.9736	.0074	56 53 10.7	16 910	.147	40.2	2	56 2594
1196	8.7	9 50 23.13	+2 0860	+0.0088	−54 2 54.4	−16.921	−0.156	40.2	2	53 2964
1197	8.1	25.75	2.1003	.0090	53 39 31.8	16 923	.157	40.2	2	53 2968
1198	8.6	51.19	2.1164	.0092	53 16 49.3	16 943	.158	40.2	3	52 2907
1199	9.0	53.97	2 0882	.0089	54 4 57.6	16.945	.155	40.3	2	53 2976
1200	8.2	57.41	2.0464	.0085	55 13 3.3	16.948	.152	40.8	2	54 2808

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1201	9.0	9ʰ51ᵐ14ˢ70	+2ˢ0946	+0ˢ0090	−53°58′17″3	−16″962	−0″155	40.3	2	53°2984
1202	8.4	42.03	2.0948	.0091	54 3 10.2	16.983	.155	41.2	2	53 2994
1203	8.6	52 11.99	2.0798	.0090	54 33 30.4	17.006	.153	41.2	2	54 2840
1204	7.9	13.94	2.0781	.0090	54 36 40.0	17.007	.153	41.2	2	54 2842
1205	8.9	17.78	1.9692	.0077	57 22 52.6	17.010	.144	41.2	2	57 2409
1206	8.8	9 52 21.81	+1.9685	+0.0076	−57 24 35.1	−17.013	−0.144	41.2	2	57 2410
1207	9.0	35.82	2.0227	.0084	56 7 52.0	17.024	.148	41.3	2	55 2647
1208	8.9	38.84	2.0520	.0088	55 23 13.8	17.027	.150	40.3	2	55 2648
1209	9.5	46.50	2.0990	.0093	54 8 27.2	17.032	.154	40.3	1	53 3011
1210	8.2	53 3.08	2.0728	.0091	54 54 34.3	17.045	.152	40.8	2	54 2862
1211	9.0	9 53 16.15	+2.1020	+0.0094	−54 9 5.9	−17.055	−0.154	40.7	2	53 3024
1212	6.9	26.70	1.9879	.0080	57 8 44.3	17.063	.145	40.2	2	56 2646
1213	8.3	41.71	2.0336	.0087	56 3 35.7	17.075	.148	40.2	2	55 2666
1214	8.1	51.93	2.0095	.0084	56 41 54.1	17.083	.146	40.2	3	56 2658
1215	8.7	54 11.93	2.1198	.0097	53 49 39.5	17.098	.154	40.3	2	53 3045
1216	8.4	9 54 30.10	+2.0547	+0.0091	−55 40 6.7	−17.112	−0.149	40.8	2	55 2681
1217	8.9	30.85	1.9916	.0083	57 15 20.8	17.112	.144	40.3	2	56 2673
1218	7.8	51.42	2.1119	.0097	54 10 50.2	17.128	.153	41.2	2	53 3068
1219	7.6	59.07	2.0889	.0095	54 50 40.3	17.134	.151	41.2	2	54 2909
1220	9.7	55 4.61	1.9755	.0081	57 44 40.1	17.138	.142	41.5	3	57 2450
1221	4.4	9 55 6.25	+2.1083	+0.0097	−54 19 45.5	−17.139	−0.152	41.2	2	53 3075
1222	8.3	20.72	2.0555	.0092	55 48 29.3	17.150	.148	41.2	2	55 2704
1223	8.6	43.16	2.1191	.0099	54 8 37.1	17.167	.152	41.3	2	53 3094
1224	8.2	55.91	2.0281	.0090	56 37 28.8	17.176	.145	40.3	2	56 2694
1225	8.8	56 2.55	2.1023	.0098	54 40 50.5	17.181	.150	40.8	2	54 2937
1226	8.0	9 56 8.83	+2.0427	+0.0092	−56 17 43.9	−17.186	−0.146	40.2	2	55 2723
1227	8.5	9.33	2.0080	.0087	57 9 56.3	17.186	.143	40.2	2	56 2703
1228	9.1	17.13	2.0577	.0094	55 55 56.5	17.192	.147	40.2	2	55 2725
1229	8.3	19.90	2.0620	.0094	55 49 45.1	17.194	.147	40.2	3	55 2727
1230	8.8	33.28	2.1040	.0099	54 44 7.0	17.204	.150	40.3	2	54 2951
1231	8.6	9 56 46.29	+1.9997	+0.0087	−57 29 5.7	−17.214	−0.142	40.8	2	57 2486
1232	8.8	57 26.99	2.0666	.0096	56 4 55.7	17.244	.146	40.3	2	55 2756
1233	7.7	33.52	1.9892	.0087	57 53 17.6	17.249	.140	41.2	2	57 2510
1234	8.8	35.88	1.9994	.0088	57 39 3.6	17.251	.141	41.2	2	57 2512
1235	9.0	50.94	2.0339	.0093	56 50 49.8	17.262	.143	41.2	2	56 2730
1236	8.8	9 57 56.92	+2.0999	+0.0101	−55 7 23.8	−17.267	−0.148	41.2	2	54 2986
1237	7.8	58 43.79	2.0015	.0090	57 48 57.1	17.301	.140	41.1-40.8	2-3	57 2534
1238	7.8	52.44	2.0474	.0097	56 42 18.8	17.308	.143	41.3	2	56 2746
1239	8.6	59 14.14	2.0032	.0091	57 52 21.3	17.324	.140	40.3	2	57 2540
1240	8.6	25.37	2.0877	.0102	55 45 11.6	17.332	.145	40.8	2	55 2793
1241	7.4	9 59 27.83	+2.0842	+0.0102	−55 51 19.4	−17.334	−0.145	40.2	2	55 2794
1242	8.6	30.96	2.0630	.0100	56 25 39.8	17.336	.144	40.2	2	56 2758
1243	8.1	37.56	2.0713	.0101	56 13 49.5	17.341	.144	40.2	2	55 2798
1244	9.0	10 0 2.49	2.0911	.0104	55 47 6.7	17.359	.145	40.2	3	55 2809
1245	8.0	9.60	2.1287	.0107	54 45 41.4	17.364	.148	40.3	2	54 3041
1246	7.8	10 0 16.04	+2.0423	+0.0098	−57 6 29.0	−17.369	−0.141	40.8	2	56 2770
1247	8.5	32.23	2.0304	.0097	57 27 41.7	17.380	.140	38.3	2	57 2558
1248	8.3	46.87	2.0900	.0106	55 57 51.8	17.391	.144	40.3	2	55 2823
1249	8.0	50.40	2.0886	.0104	56 0 51.9	17.394	.144	40.3	2	55 2826
1250	8.4	0 13.77	2.1516	.0111	54 18 57.6	17.411	.148	40.3	2	53 3118

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1251	8.6	10ʰ 1ᵐ25ˢ.18	+2ˢ.0002	+0ˢ.0094	−58°22′12″.3	−17″.419	−0″.137	40.4	2	58°1839
1252	8.9	37.61	2.1416	.0111	54 41 33.0	17.428	.147	40.2	3	54 3063
1253	8.8	38.86	2.0839	.0105	56 18 9.5	17.429	.143	40.3	2	55 2850
1254	8.8	51.54	2.0463	.0101	57 19 31.3	17.438	.140	40.4	3	56 2798
1255	8.6	53.84	2.1160	.0109	55 28 36.7	17.439	.146	40.3	2	55 2853
1256	8.8	10 2 15.56	+2.1119	+0.0110	−55 39 55.1	−17.455	−0.142	40.7	3	55 2861
1257	9.0	49.85	2.0098	.0098	58 25 16.5	17.480	.136	40.4	2	58 1865
1258	7.9	58.45	2.1507	.0114	54 42 26.8	17.486	.146	40.4	2	54 3089
1259	9.0	3 5.97	2.0117	.0098	58 25 42.8	17.491	.136	38.3	2	58 1871
1260	8.3	11.63	2.1327	.0112	55 33 25.7	17.495	.143	41.3	2	55 2874
1261	7.6	10 3 17.53	+2.0833	+0.0108	−56 39 15.6	−17 499	−0.140	40.3	2	56 2825
1262	8.6	18.29	2 1247	.0112	55 31 25.9	17.500	.143	40.3	2	55 2876
1263	8.8	4 5.34	2.0605	.0107	57 24 49.0	17.533	.138	40.3	2	57 2633
1264	9.0	9.22	2.0981	.0111	56 26 7.8	17.536	.141	40.4	2	56 2839
1265	8.3	21.33	2.0532	.0116	57 39 22.2	17.544	.137	40.2	2-3	57 2643
1266	9.0	10 4 45.65	+2.0532	+0.0108	−57 44 22.3	−17.562	−0.137	40.3	2	57 2657
1267	8.2	5 11.34	2.1280	.0116	55 49 46.1	17.580	.142	40.3	2	55 2905
1268	8.8	30.02	2.0944	.0113	56 49 5.4	17.593	.139	40.4	3	56 2869
1269	8.9	47.00	2.0782	.0112	57 18 17.1	17.604	.137	40.7	3	56 2875
1270	8.6	49.25	2.0428	.0108	58 12 59.1	17.606	.135	40.4	2	57 2686
1271	8.2	10 6 1.74	+2.0481	+0.0109	−58 7 39.7	−17.615	−0.135	40.4	2	57 2693
1272	9.0	7.93	2.1169	.0117	56 20 20.3	17.619	.140	41.3	2	55 2928
1273	7.9	34.99	2.0596	.0111	57 57 9.8	17.638	.135	40.3	2	57 2703
1274	8.2	35.00	2.0944	.0115	57 2 39.2	17.638	.137	40.3	2	56 2892
1275	7.8	40.32	2.1263	.0119	56 11 28.6	17.641	.140	38.3	2	55 2949
1276	8.7	10 6 45.51	+2.0795	+0.0114	−57 28 36.2	−17.645	−0.136	40.4	2	57 2708
1277	8.8	52.60	2.1514	.0121	55 31 12.3	17.650	.141	40.3	2	55 2952
1278	8.4	55.81	2.1289	.0119	56 10 26.9	17.652	.139	40.2	3	55 2953
1279	8.8	7 20.77	2.1497	.0122	55 40 20.4	17.669	.140	40.3	2	55 2963
1280	8.3	23.23	2.0723	.0114	57 47 40.3	17.671	.135	40.4	3	57 2724
1281	9.0	10 7 28.92	+2.1400	+0.0122	−55 58 44.7	−17.675	−0.139	40.3	2	55 2969
1282	8.7	8 2.90	2.1286	.0122	56 25 27.1	17.698	.138	40.4	2	56 2918
1283	8.3	3.28	2.1259	.0121	56 30 7.6	17.699	.138	40.4	2	56 2919
1284	8.8	49.07	2.1126	.0122	57 1 53.4	17.730	.136	41.3	3	56 2936
1285	8.8	53.75	2.1257	.0123	56 41 26.7	17.733	.137	40.9-40.7	2-3	56 2939
1286	7.8	10 9 13.51	+2.0436	+0.0114	−58 54 26.8	−17.746	−0.131	38.3	2	58 1967
1287	8.4	21.11	2.0822	.0119	57 57 25.9	17.752	.133	40.6	3	57 2770
1288	8.8	22.59	2.1587	.0127	55 51 30.7	17.753	.138	40.3	2	55 3004
1289	8.6	38.29	2.0907	.0121	57 47 50.8	17.763	.134	40.3	2	57 2780
1290	7.0	52.39	2.0622	.0118	58 34 50 7	17.773	.131	40.2	3	58 1979
1291	8.8	10 9 58.53	+2.1670	+0.0129	−55 44 54.3	−17.777	−0.138	40.4	2	55 3021
1292	6.7	10 1.67	2.0933	.0122	57 48 46.8	17.779	.133	40.3	2	57 2781
1293	7.3	6.57	2.0511	.0117	58 54 27.1	17.782	.130	40.3	2	58 1984
1294	8.8	54.49	2.1812	.0132	55 32 9.1	17.814	.138	40.4	3	55 3048
1295	8.8	59.78	2.1695	.0131	55 54 10.2	17.818	.137	40.4	2	55 3053
1296	8.5	10 11 30.70	+2.1270	+0.0128	−57 13 40.8	−17.838	−0.134	41.3	2	56 2997
1297	9.0	31.01	2.1693	.0132	56 1 36.3	17.839	.137	40.4	2	55 3065
1298	7.9	34.39	2.1590	.0131	56 20 17.9	17.841	.136	40.4	2	55 3066
1299	8.4	36.34	2.0949	.0125	58 6 52.9	17.842	.132	38.3	2	57 2810
1300	8.6	37.47	2.0616	.0121	58 58 13.9	17.843	.129	40.3	2	58 2010

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1301	9.0	10h11m48s.95	+2s.1880	+0s.134	−55°32′14″.7	−17″.851	−0″.137	40.3	2	55°3073
1302	8.8	12 20.63	2.1252	.0130	57 27 45.1	17.871	.133	40.3	2	57 2834
1303	8.0	58.54	2.1815	.0136	55 59 55.7	17.896	.134	40.4	2	55 3107
1304	8.3	13 4.50	2.1743	.0136	56 14 4.6	17.900	.134	40.2	3	55 3112
1305	8.7	31.75	2.1298	.0133	57 36 15.2	17.918	.131	40.3	2	57 2873
1306	8.6	10 13 36.93	+2.1472	+0.0134	−57 8 26.0	−17.922	−0.132	40.3	2	56 3042
1307	9.0	39.80	2.1568	.0136	56 52 39.0	17.923	.133	40.4	2	56 3043
1308	8.2	44.17	2.1920	.0138	55 51 30.6	17.926	.135	40.4	3	55 3129
1309	8.5	14 5.03	2.1515	.0136	57 7 31.2	17.940	.132	40.4	2	56 3055
1310	8.8	21.62	2.2034	.0140	55 39 23.0	17.951	.135	40.4	2	55 3145
1311	8.8	10 14 52.72	+2.1041	+0.0133	−58 35 59.9	−17.971	−0.128	38.3	2	58 2049
1312	8.8	57.32	2.1955	.0141	56 2 14.9	17.974	.134	41.3	2	55 3159
1313	8.6	15 18.36	3.1159	.0135	58 22 59.3	17.987	.128	40.3	2	58 2055
1314	8.0	41.31	2.1229	.0137	58 16 54.7	18.002	.128	40.3	2	57 2929
1315	8.4	50.55	2.1156	.0136	58.30 40.4	18.008	.128	40.8	2	58 2063
1316	8.5	10 15 53.53	+2.0935	+0.0134	−59 6 14.3	−18.010	−0.126	40.4	2	58 2065
1317	9.0	16 12.96	2.0905	.0134	59 15 9.8	18.022	.126	40.2	3	58 2069
1318	8.3	38.59	2.2112	.0146	55 57 35.3	18.039	.133	40.3	2	55 3211
1319	7.9	38.71	2.1998	.0145	56 18 30.2	18.039	.132	40.3	2	55 3212
1320	7.5	48.60	2.2157	.0146	55 51 39.5	18.045	.133	40.4	3	55 3220
1321	7.6	10 17 11.35	+2.2215	+0.0148	−55 46 10.6	−18.059	−0.133	40.4	2	55 3229
1322	8.5	13.73	2.0892	.0136	59 30 59.9	18.061	.124	40.4	2	59 2044
1323	8.7	20.93	2.0971	.0137	59 20 29.4	18.065	.125	40.4	2	58 2088
1324	8.8	46.49	2.1804	.0146	57 9 12.5	18.082	.129	41.3	2	56 3131
1325	6.8	54.56	2.1191	.0141	58 53 40.3	18.087	.125	40.3	2	58 2095
1326	8.6	10 18 3.26	+2.1947	+0.0148	−56 47 55.0	−18.092	−0.130	38.3	2	56 3140
1327	8.2	3.53	2.1793	.0147	57 15 18.7	18.092	.129	40.3	2	56 3141
1328	7.8	18.42	2.2111	.0150	56 21 49.0	18.102	.131	40.3	2	55 3259
1329	7.8	26.21	2.1043	.0141	59 24 14.2	18.106	.124	40.2	3	59 2054
1330	8.6	30.45	2.1778	.0148	57 24 21.6	18.109	.128	40.4	2	57 3008
1331	7.8	10 18 43.55	+2.2099	+0.0151	−56 30 8.3	−18.117	−0.130	40.3	2	56 3156
1332	8.5	46.43	2.1081	.0142	59 23 2.9	18.119	.124	40.4	2	59 2061
1333	7.8	47.08	2.1966	.0150	56 55 2.9	18.119	.129	40.3	2	56 3159
1334	8.6	56.26	2.2199	.0152	56 14 39.5	18.125	.130	40.4	3	55 3277
1335	8.9	19 10.69	2.1211	.0145	59 8 10.3	18.134	.124	40.4	2	58 2119
1336	7.9	10 19 20.42	+2.1558	+0.0148	−58 13 52.9	−18.140	−0.126	40.4	2	57 3035
1337	8.8	26.50	2.2053	.0152	56 48 57.8	18.144	.129	41.3	3	56 3177
1338	8.1	20 15.10	2.1530	.0150	58 31 39.9	18.174	.125	38.3	2	58 2136
1339	8.8	21.37	2.1010	.0145	59 56 1.7	18.178	.121	40.3	2	59 2079
1340	7.6	34.71	2.1197	.0148	59 30 8.0	18.186	.122	40.3	2	59 2080
1341	8.6	10 20 46.61	+2.1961	+0.0155	−57 25 4.0	−18.193	−0.127	40.3	2	57 3088
1342	8.3	21 7.15	2.1295	.0150	59 22 16.6	18.206	.122	40.4	2	58 2145
1343	8.9	18.12	2.1894	.0156	57 44 38.4	18.212	.126	40.2	3	57 3105
1344	8.5	37.16	2.1570	0.154	58 44 38.3	18.224	.123	40.3	2	58 2156
1345	8.6	47.18	2.1706	0.155	58 24 9.1	18.230	.124	40.3	2	58 2157
1346	8.8	10 21 53.92	+2.2064	+0.0158	−57 23 17.7	−18.234	−0.126	40.4	3	57 3125
1347	8.6	22 6.09	2.2140	.0159	57 12 38.9	18.241	.126	40.4	2	56 3250
1348	8.4	7.72	2.1427	.0154	59 15 34.0	18.242	.122	40.4	2	58 2163
1349	8.9	40.00	2.1722	.0158	58 34 33.6	18.262	.122	40.4	2	58 2167
1350	8.9	23 3.44	2.1407	.0156	59 32 17.2	18.276	.120	38.3	2	59 2111

Nº	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	Nº obs.	C. P. D.
1351	8.2	10h23m 9s.27	+3s.2348	+0s.0163	−56°49′55″.8	−18″.280	−0″.126	41.3	2	56°3286
1352	7.0	10.39	2.1854	.0160	58 19 19.0	18.280	.123	40.3	2	57 3164
1353	8.6	18.26	2.2368	.0163	56 48 34.0	18.285	.126	40.8	2	56 3290
1354	8.8	24.60	2.2433	.0164	56 37 54.1	18.289	.127	40.3	2	56 3293
1355	7.5	27.16	2.1775	.0160	58 37 4.5	18.290	.122	40.4	2	58 2182
1356	8.8	10 24 17.23	+2.1937	+0.0163	−58 21 43.7	−18.320	−0.122	40.2	3	57 3207
1357	8.6	29.42	2.2384	.0166	57 3 44.1	18.327	.124	40.3	2	56 3322
1358	9.0	32.93	2.2453	.0167	56 51 36.8	18.329	.125	40.3	2	56 3324
1359	8.3	42.67	2.1490	.0161	59 43 12.3	18.335	.119	40.4	2	59 2132
1360	7.6	25 3.75	2.2339	.0167	57 21 6.5	18.347	.123	40.7	3	56 3343
1361	8.4	10 25 7.25	+2.2322	+0.0167	−57 25 13.2	−18.349	−0.123	40.4	2	57 3237
1362	8.4	37.22	2.1584	.0164	59 41 22.9	18.367	.118	40.4	2	59 2144
1363	9.0	52.20	2.1844	.0167	59 1 44.1	18.376	.119	38.3	2	58 2225
1364	8.4	53.71	2.1391	.0163	60 16 29.8	18.376	.117	40.3	2	59 2148
1365	8.8	26 2.01	2.2488	.0171	57 8 17.4	18.381	.123	41.3	3	56 3380
1366	8.9	10 26 6.04	+2.1840	+0.0168	−59 5 51.6	−18.384	−0.119	40.3	2	58 2229
1367	7.3	9.83	2.2560	.0172	56 56 33.3	18.386	.123	40.3	2	56 3386
1368	8.8	24.04	2.1886	.0169	59 2 30.1	18.394	.119	40.4	2	58 2233
1369	8.7	41.15	2.2066	.0171	58 35 45.0	18.404	.119	40.2	3	58 2236
1370	7.7	54.79	2.2611	.0174	56 58 36.8	18.412	.122	40.3	2	56 3413
1371	9.2	10 26 57.87	+2.2240	+0.0172	−58 8 50.3	−18.414	−0.120	40.6	3	57 3312
1372	8.4	27 2.50	2.2361	.0173	57 47 55.7	18.416	.121	40.4	2	57 3313
1373	8.1	11.57	2.1672	.0169	59 50 35.2	18.422	.117	40.4	2	59 2160
1374	9.0	12.71	2.2244	.0173	58 11 57.2	18.422	.120	40.4	2	57 3320
1375	8.4	16.80	2.1855	.0171	59 21 18.7	18.425	.118	41.3	2	58 2245
1376	8.8	10 27 20.21	+2.2014	+0.0172	−58 54 53.8	−18.426	−0.118	40.4	2	58 2247
1377	8.5	28 10.01	2.1825	.0173	59 40 1.5	18.455	.116	38.3	2	59 2173
1378	8.6	26.53	2.1912	.0175	59 29 39.5	18.464	.116	40.3	2	59 2177
1379	8.6	28.07	2.2166	.0176	58 45 45.8	18.465	.118	40.3	2	58 2263
1380	8.6	33.74	2.2652	.0179	57 17 3.5	18.468	.120	40.3	2	56 3450
1381	8.8	10 28 33.81	+2.1703	+0.0173	−60 6 29.7	−18.468	−0.111	40.4	2	59 2183
1382	8.0	53.39	2.2662	.0180	57 20 32.7	18.479	.120	40.2	3	56 3456
1383	8.0	29 11.10	2.2333	.0179	58 27 1.5	18.489	.118	40.3	2	58 2268
1384	8.8	12.42	2.2153	.0178	58 59 41.5	18.490	.117	40.4	2	58 2269
1385	8.0	15.76	2.2552	.0180	57 47 31.2	18.492	.119	40.3	2	57 3366
1386	9.0	10 30 8.88	+2.2572	+0.0183	−57 58 14.0	−18.522	−0.118	40.4	2	57 3387
1387	7.2	28.47	2.2499	.0184	58 17 16.5	18.533	.117	40.4	2	57 3397
1388	8.8	31.89	2.2153	.0182	59 20 46.5	18.535	.115	40.4	2	58 2280
1389	8.1	37.29	2.2072	.0182	59 36 28.1	18.538	.114	41.3	2	59 2198
1390	6.8	55.14	2.2499	.0185	58 24 30.9	18.547	.116	38.3	2	58 2285
1391	7.6	10 31 7.45	+2.2032	+0.0183	−59 51 18.7	−18.554	−0.114	40.6	3	59 2208
1392	8.2	15.75	2.2160	.0184	59 31 13.8	18.559	.114	40.3	2	59 2210
1393	8.0	18.49	2.2690	.0187	57 54 43.4	18.560	.117	40.3	2	57 3423
1394	8.9	23.03	2.2176	.0182	59 30 21.4	18.563	.114	40.4	2	59 2212
1395	6.8	31.68	2.2703	.0187	57 55 54.0	18.568	.117	40.2	3	57 3431
1396	8.2	10 31 35.64	+2.2312	+0.0186	−59 9 38.5	−18.570	−0.114	40.3	2	58 2295
1397	8.2	32 51.43	2.2139	.0189	60 0 46.9	18.611	.112	40.9-41.0	4-3	59 2235
1398	8.3	52.24	2.2829	.0192	57 53 49.8	18.611	.116	40.3	2	57 3463
1399	8.5	52.26	2.2266	.0190	59 38 41.0	18.612	.113	40.4	2	59 2236
1400	8.6	58.51	2.2179	.0190	59 55 41.3	18.615	.112	40.4	2	59 2239

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1401	8.8	10ʰ33ᵐ 1ˢ60	+2ˢ2834	+0ˢ0192	−57°55′39″4	−18″617	−0″115	40.7-40.9	3-2	57°3468
1402	7.4	47.32	2.2897	.0195	57 56 0.7	18.641	.115	41.3	2	57 3499
1403	9.0	49.03	2.2884	.0195	57 59 8.3	18.642	.112	40.3	2	57 3502
1404	6.5	54.58	2.2899	.0195	57 57 53.5	18.645	.114	38.3	2	57 3508
1405	8.7	59.55	2.2896	.0195	57 59 52.4	18.648	.114	41.3	2	57 3516
1406	8.3	10 34 2.86	+2.2911	+0.0195	−57 57 46.5	−18.649	−0.114	40.3	2	57 3523
1407	8.0	18.46	2.2306	.0194	59 55 18.3	18.658	.111	40.3	2	59 2292
1408	8.4	21.23	2.2921	.0196	58 1 3.2	18.659	.114	40.4	2	57 3540
1409	8.9	28.23	2.3032	.0197	57 40 56.8	18.663	.114	40.2	3	57 3545
1410	8.7	30.20	2.2726	.0197	58 41 33.4	18.664	.113	40.3	2	58 2372
1411	7.1	10 34 39.29	+2.2664	+0.0197	−58 55 49.5	−18.669	−0.112	40.8	2	58 2380
1412	7.5	46.29	2.2681	.0198	58 54 29.4	18.673	.112	40.4	3	58 2387
1413	9.0	35 21.77	2.2712	.0200	58 58 47.3	18.691	.112	40.4	2	58 2404
1414	8.8	24.15	2.2967	.0200	58 10 0.2	18.693	.113	40.4	2	57 3579
1415	7.9	27.38	2.2913	.0200	58 21 46.0	18.695	.113	41.3	3	57 3584
1416	8.2	10 35 27.94	+2.2740	+0.0200	−58 55 12.0	−18.695	−0.112	40.7	3	58 2406
1417	8.1	36 9.72	2.2836	.0202	58 48 50.3	18.716	.111	38.3	2	58 2434
1418	8.4	42.62	2.2870	.0204	58 51 52.7	18.734	.110	40.3	2	58 2457
1419	7.1	50.97	2.2840	.0205	59 0 5.4	18.738	.110	40.3	2	58 2462
1420	8.1	37 2.83	2.2856	.0205	59 0 28.6	18.744	.110	40.3	2	58 2471
1421	6.8	10 37 4.93	+2.2998	+0.0206	−58 33 22.3	−18.745	−0.111	40.4	2	58 2474
1422	8.4	14.39	2.2529	.0205	60 4 48.2	18.750	.108	40.2	2-3	59 2378
1423	8.6	58.77	2.2380	.0207	60 44 5.6	18.773	.106	40.3	2	60 2129
1424	7.8	38 18.19	2.2804	.0210	59 32 29.0	18.783	.108	40.3	2	59 2404
1425	8.7	27.98	2.2769	.0210	59 41 55.6	18.788	.108	40.4	2	59 2411
1426	8.6	10 38 28.77	+2.3083	+0.0210	−58 41 16.6	−18.788	−0.109	40.4	2	58 2519
1427	8.7	39.71	2.2918	.0211	59 16 54.8	18.794	.108	40.4	2	58 2524
1428	8.2	39 13.46	2.3060	.0213	58 59 10.2	18.811	.108	40.7	3	58 2538
1429	8.0	16.88	2.3095	.0213	58 53 26.9	18.812	.108	41.3	3	58 2540
1430	7.6	17.87	2.2843	.0213	59 42 42.6	18.813	.107	40.3	2	59 2447
1431	7.0	10 39 22.51	+2.2943	+0.0214	−59 24 53.8	−18.815	−0.107	39.3-39.8	3-2	59 2450
1432	8.8	35.13	2.2526	.0214	60 46 4.6	18.821	.105	40.2	1	60 2162
1433	8.6	40 4.11	2.2561	.0216	60 48 12.9	18.836	.104	40.3	2	60 2176
1434	8.8	19.49	2.3194	.0217	58 52 30.5	18.844	.107	40.3	2	58 2567
1435	5.7	44.30	2.3208	.0218	58 57 12.4	18.856	.107	40.4	2	58 2581
1436	7.7	10 41 10.02	+2.2695	+0.0220	−60 43 27.7	−18.869	−0.104	40.8	2	60 2199
1437	8.9	11.69	2.2833	.0220	60 18 29.3	18.869	.103	40.3	2	59 2516
1438	7.0	15.93	2.2645	.0220	60 54 21.5	18.871	.103	40.3	2	60 2203
1439	8.3	20.28	2.2963	.0221	59 56 18.9	18.874	.105	40.4	2	59 2521
1440	8.9	22.64	2.2988	.0221	59 52 17.7	18.875	.105	40.4	2	59 2522
1441	8.3	10 41 32.02	+2.3315	+0.0221	−58 50 15.5	−18.879	−0.106	40.4	2	58 2602
1442	8.6	32.08	2.3014	.0222	59 50 9.3	18.879	.105	40.9	2	59 2527
1443	6.8	56.76	2.3047	.0223	59 51 17.6	18.891	.104	38.3	2	59 2548
1444	8.3	42 4.42	2.3134	.0224	59 36 40.9	18.895	.104	41.3	3-2	59 2556
1445	8.6	14.17	2.3196	.0224	59 27 25.3	18.900	.104	40.3	2	59 2561
1446	8.8	10 42 22.63	+2.3338	+0.0224	−59 1 11.9	−18.904	−0.105	40.3	2	58 2637
1447	7.0	27.03	2.3133	.0225	59 43 49.2	18.906	.104	40.4	2	59 2572
1448	8.4	31.53	2.3173	.0226	59 37 17.9	18.908	.104	41.3	1	59 2577
1449	8.3	33.14	2.2708	.0225	61 6 0.9	18.909	.102	40.2	2	60 2240
1450	8.6	37.24	2.3226	.0225	59 28 27.2	18.911	.104	40.6	2	59 2587

N°	Mag	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° ol.s.	C. P. D.
1451	8.2	10ʰ42ᵐ40ˢ37	+2ˢ3124	+0ˢ0226	−59°49′39″1	−18″913	−0″104	40.6	3	59°2590
1452	8.6	44.74	2.2857	.0226	60 42 8.5	18.915	.104	40.3	2	60 2244
1453	8.0	43 46.68	2.3431	.0229	59 8 38.4	18.944	.103	40.4	2	58 2680
1454	8.3	55.53	2.2768	.0230	61 20 27.9	18.949	.100	40.7	3	60 2265
1455	8.0	44 15.25	2.3500	.0231	59 3 16.5	18.958	.103	40.4	2	58 2692
1456	8.9	10 44 20.31	+2.3034	+0.0232	−60 38 19.0	−18.960	−0.101	38.3	2	60 2272
1457	6.7	21.47	2.3129	.0232	60 20 20.5	18.961	.101	41.3	3	59 2671
1458	8.4	27.27	2.3482	.0232	59 10 53.0	18.964	.103	40.9	2	58 2695
1459	8.3	45 11.99	2.3219	.0236	60 18 33.1	18.985	.100	40.3	2	59 2693
1460	8.8	15.49	2.3308	.0236	59 49 59.7	18.986	.101	40.3	2	59 2696
1461	8.1	10 45 42.46	+2.3255	+0.0238	−60 21 12.4	−18.999	−0.100	40.3	2	59 2712
1462	6.8	46.73	2.3482	.0237	59 36 39.4	19.001	.101	40.4	2	59 2713
1463	8.8	46 3.52	2.3573	.0238	59 23 11.3	19.008	.101	40.8	2	58 2722
1464	8.7	24.58	2.3637	.0239	59 16 33.7	19.018	.101	41.3	2	58 2734
1465	9.2	34.79	2.3243	.0241	60 40 17.8	19.023	.099	40.3	2	60 2298
1466	7.5	10 46 40.16	+2.3465	+0.0241	−59 57 32.6	−19.025	−0.099	40.4	2	59 2732
1467	9.4	40.24	2.3656	.0240	59 17 47.6	19.025	.100	40.3	2	58 2743
1468	8.0	56.42	2.3713	.0241	59 10 54.7	19.033	.100	40.4	2	58 2747
1469	8.4	47 15.78	2.3534	.0243	59 55 9.6	19.042	.099	40.4	2	59 2746
1470	5.9	25.30	2.3791	.0242	59 3 31.2	19.046	.100	40.4	2	58 2755
1471	8.6	10 47 29.63	+2.3524	+0.0244	−60 1 47.2	−19.048	−0.099	41.3	2	59 2761
1472	8.5	48 10.58	2.3800	.0246	59 16 59.3	19.066	.099	38.3	2	58 2769
1473	8.5	41.38	2.3939	.0247	58 56 50.5	19.080	.099	40.3	2	58 2779
1474	7.5	43.10	2.3554	.0250	61 0 14.8	19.081	.096	40.3	2	60 2317
1475	8.8	51.18	2.3714	.0249	59 49 10.2	19.085	.098	40.3	2	59 2781
1476	7.3	10 48 59.59	+2.3763	+0.0250	−59 41 30.4	−19.088	−0.098	40.4	2	59 2784
1477	8.0	49 21.09	2.3856	.0250	59 28 41.9	19.098	.098	40.2	2	59 2791
1478	8.2	31.78	2.4032	.0250	58 53 8.6	19.103	.098	40.3	2	58 2795
1479	9.0	43.83	2.3327	.0255	61 25 39.1	19.108	.094	40.3	2	61 1927
1480	7.5	50 4.97	2.3443	.0256	61 9 47.2	19.117	.094	40.4	2	60 2338
1481	8.3	10 50 10.27	+2.3876	+0.0254	−59 41 20.9	−19.120	−0.096	40.4	2	59 2802
1482	8.2	21.94	2.4214	.0252	58 28 49.8	19.125	.097	40.4	2	58 2809
1483	8.4	27.89	2.4103	.0253	58 56 40.9	19.127	.097	41.3	3	58 2812
1484	8.8	29.32	2.4137	.0252	58 49 21.5	19.128	.097	40.4	2	58 2813
1485	8.5	35.65	2.4122	.0254	58 54 58.5	19.131	.097	38.3	2	58 2816
1486	8.7	10 51 3.90	+2.4082	+0.0256	−59 14 21.1	−19.143	−0.096	40.6-40.8	3-2	58 2826
1487	7.6	16.20	2.3742	.0260	60 32 54.2	19.148	.094	40.3	2	60 2359
1488	6.4	19.63	2.4264	.0256	58 37 37.6	19.150	.096	40.8	2	58 2830
1489	7.8	43.53	2.3540	.0264	61 23 55.8	19.160	.093	41.0	3	61 1951
1490	8.7	45.75	2.4179	.0259	59 6 58.4	19.161	.095	40.7-40.8	3-2	58 2846
1491	8.6	10 52 5.60	+2.3952	+0.0262	−60 5 11.5	−19.169	−0.094	40.3	2	59 2822
1492	7.8	22.21	2.3865	.0265	60 29 48 9	19.176	.093	40.3	2	60 2378
1493	6.5	31.34	2.3575	.0267	61 33 34.6	19.180	.092	40.4	2	61 1960
1494	9.0	55.20	2.3720	.0268	61 11 54.5	19.190	.092	40.4	2	60 2382
1495	8.7	53 57.99	2.4123	.0270	60 7 31.7	19.216	.092	40.9	2	59 2855
1496	8.6	10 53 59.64	+2.4352	+0.0267	−59 15 23.2	−19.217	−0.093	40.4	2	58 2873
1497	8.9	54 9.00	2.4262	.0269	59 39 46.0	19.221	.092	41.3	2	59 2859
1498	7.0	10.46	2.4127	.0271	60 11 10.4	19.222	.092	39.8	2	59 2860
1499	8.3	14.25	2.3785	.0274	61 26 25.9	19.225	.090	40.6	3	61 1969
1500	8.6	23.50	2.4260	.0270	59 45 47.0	19.227	.092	40.8	2	59 2862

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1501	7.3	10h54m36ṣ43	+2ṣ3823	+0ṣ0276	−61°26′29″4	−19″232	−0″090	40.3	2	61°1975
1502	9.0	46.79	2.4270	.0272	59 52 4.2	19.237	.091	40.4	2	59 2869
1503	9.0	52.81	2.3931	.0276	61 9 24.6	19.239	.090	40.2	2	60 2406
1504	9.2	57.33	2.4026	.0276	60 50 35.6	19.241	.090	40.3	2	60 2409
1505	8.6	55 3.37	2.4212	.0274	60 11 19.0	19.243	.090	40.3	2	59 2873
1506	8.5	10 55 4.25	+2.4016	+0 0276	−60 55 14.1	−19.244	−0.030	40.4	2	60 2410
1507	8.5	8.73	2.4117	.0276	60 24 39.8	19.245	.090	40.8	2	60 2411
1508	9.0	19.53	2.4064	.0277	60 50 24.6	19 250	.090	40.4	2	60 2413
1509	8.8	56 25.63	2.3964	.0284	61 36 10.3	19.276	.088	40.4	2	61 2001
1510	8.7	42.03	2.4557	.0278	59 27 30.3	19.283	.090	41.3	3	59 2900
1511	8.0	10 57 7.75	+2.4677	+0.0278	−59 7 47.6	−19.294	−0.089	39.8	2	58 2909
1512	6.0	12.82	2.4197	.0286	61 3 8.5	19.295	.087	40.3	2	60 2433
1513	8.4	15.65	2.4490	.0282	59 56 37.3	19.296	.088	40.8	2	59 2908
1514	8.5	16.97	2.4567	.0281	59 38 35.1	19.297	.088	40.3	2	59 2909
1515	8.9	28.08	2.4654	.0281	59 21 38.3	19.301	.089	40.4	2	58 2916
1516	8.7	10 57 48.46	+2.4699	+0.0282	−59 18 28.8	−19.309	−0.088	40.2	2	58 2918
1517	8.8	58 2.16	2.4770	.0282	59 5 54.4	19.315	.088	40.3	2	58 2922
1518	8.3	33.83	2.4594	.0288	60 2 6.3	19 327	.087	40.3	2	59 2927
1519	9.1	49.85	2.4066	.0296	62 8 25.5	19.333	.084	40.4	2	61 2022
1520	8.8	51.78	2.4694	.0288	59 44 36.5	19.334	.087	40.7	3	59 2932
1521	9.1	10 59 2.14	+2.4658	+0.0289	−59 57 39.5	−19.338	−0.086	40.4	2	59 2936
1522	8.1	7.59	2.4417	.0294	60 57 10.2	19 340	.085	40.4	2	60 2455
1523	7.8	37.13	2.4379	.0297	61 17 34.7	19.351	.084	41.3	2	60 2460
1524	8.8	47.72	2.4311	.0299	61 36 54.2	19.355	.084	40.3	2	61 2032
1525	8.8	52.85	2.4941	.0289	59 6 31.3	19.355	.086	39.8	2	58 2945
1526	8.6	11 0 20.00	+2.4716	+0.0296	−60 14 48.6	−19.367	−0.084	40.8	2	59 2964
1527	8.9	32.66	2.4705	.0297	60 22 36.9	19.372	.084	40.3	2	59 2970
1528	7.5	41.28	2.4934	.0294	59 28 17.5	19.375	.085	40.4	2	59 2972
1529	7.9	1 0.80	2.4708	.0300	60 33 19.7	19.382	.084	40.3	2	60 2478
1530	9.0	1.24	2.5011	.0294	59 16 26.5	19.381	.085	40.4	2	58 2977
1531	8.7	11 1 2.41	+2.4689	+0.0300	−60 38 28.3	−19.383	−0.083	40.3	2-3	60 2479
1532	8.7	6.91	2.4479	.0305	61 29 56.9	19.385	.082	40.4	2	61 2046
1533	8.6	8.86	2.4757	.0300	60 24 31.9	19.385	.083	40.3	2	60 2480
1534	8.7	13.90	2.4785	.0300	60 19 33.2	19.387	.083	40.4	2	59 2981
1535	8.8	40.99	2.4834	.0302	60 18 35.5	19.397	.083	40.4	2	59 2988
1536	8.8	11 2 19.86	+2.5075	+0.0300	−59 32 30.4	−19.411	−0.083	40.4	2	59 2995
1537	8.0	20.09	2.5063	.0301	59 35 53.6	19.412	.083	38.4	2	59 2996
1538	7.8	50.87	2.4837	.0309	60 46 52.5	19 423	.081	40.4	2	60 2503
1539	7.2	51.60	2.5116	.0303	59 35 20.1	19.423	.083	38.3	2	59 3017
1540	8.3	54.14	2.4973	.0307	60 13 50.1	19.424	.082	38.4	2	59 3018
2541	8.2	11 2 57.14	+2.5157	+0.0302	−59 26 36.4	−19 425	−0.082	38.4	2	59 3019
1542	8.3	3 1.39	2.5109	.0304	59 41 11.3	19.427	.082	40.6	3	59 3024
1543	8.6	24.35	2.4698	.0315	61 34 30.0	19.435	.080	40.3	3	61 2064
1544	8.8	55.86	2.4917	.0314	60 54 20.0	19.446	.080	40 4	2	60 2517
1545	7.2	59.41	2.5204	.0308	59 40 45.9	19.447	.081	40.3	2	59 3038
1546	8.2	11 4 2.72	+2.4957	+0.0314	−60 47 1.1	−19.448	−0.080	40 4	2	60 2522
1547	8.0	36.79	2.4822	.0320	61 35 4.7	19.460	.078	40 4	2	61 2068
1548	8.8	52.68	2.5351	.0309	59 23 49.5	19.466	.080	39.8	3	58 3140
1549	8.7	57.59	2.5333	.0310	59 31 14.6	19.467	.080	38.4	2	59 3052
1550	8.7	5 0.85	2.5144	.0316	60 23 51.2	19.469	.079	38.4	2	59 3054

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1551	8.3	11h 5m 4s.98	+2s.5234	+0s.0314	—60° 1′31″.8	—19″.470	—0″.079	40.4	2	59°3056
1552	7.7	6.99	2.5330	.0311	59 36 8.4	19.471	.079	40.1	3	59 3057
1553	8.6	11.90	2.5350	.0311	59 32 46.8	19.472	.079	38.4	2	59 3059
1554	8.3	25.68	2.5341	.0313	59 41 33.2	19.477	.079	40.3	2	59 3064
1555	8.0	26.51	2.5023	.0321	61 6 36.6	19.477	.078	40.3	3	60 2539
1556	8.7	11 5 58.18	+2.5336	+0.0317	—59 57 34.4	—19.488	—0.078	40.3	2	59 3075
1557	8.4	6 17.45	2.5132	.0324	61 0 49.3	19.495	.077	40.4	2	60 2553
1558	8.1	22.10	2.5060	.0328	61 21 18.9	19.496	.076	40.4	2	60 2554
1559	9.0	26.44	2.5217	.0323	60 42 35.8	19.498	.077	40.4	2	60 2555
1560	8.3	43.52	2.5113	.0328	61 17 17.6	19.504	.076	40.4	2	60 2558
1561	7.5	11 6 44.89	+2.5297	+0.0323	—60 29 17.1	—19.504	—0.077	38.4	2	60 2559
1562	8.8	7 3.08	2.5423	.0326	60 3 1.7	19.510	.077	38.4	2	59 3088
1563	7.7	54.18	2.5554	.0324	59 49 24.5	19.527	.076	38.4	2	59 3100
1564	8.0	56.91	2.5370	.0330	60 42 27.0	19.528	.075	38.4	2	60 2578
1565	7.9	58.07	2.5528	.0326	59 58 39.2	19.528	.075	40.4	2	59 3102
1566	9.3	11 8 10.32	+2.5576	+0.0325	—59 50 34.5	—19.532	—0.075	40.3	1	59 3104
1567	8.8	23.36	2.5499	.0329	60 18 48.0	19.537	.075	40.3	3	59 3113
1568	8.7	24.18	2.5593	.0326	59 52 19.8	19.537	.075	40.4	2	59 3114
1569	8.9	26.75	2.5291	.0336	61 17 24.7	19.538	.074	40.7	3	60 2592
1570	7.5	33.84	2.5559	.0329	60 6 45.5	19.540	.074	40.4	2	59 3116
1571	8.7	11 8 44.48	+2.5501	+0.0332	—60 28 11.2	—19.543	—0.074	40.4	2	60 2598
1572	8.4	55.67	2.5610	.0334	60 2 15.3	19.547	.074	38.4	1	59 3129
1573	8.6	58.57	2.5444	.0335	60 50 45.7	19.548	.074	40.4	2	60 2606
1574	8.6	9 18.73	2.5572	.0334	60 24 23.5	19.555	.074	38.4	2	60 2619
1575	8.5	24.08	2.5643	.0332	60 6 18.6	19.556	.074	40.8	3	59 3156
1576	7.3	11 9 31.77	+2.5669	+0.0332	—60 2 18.9	—19.559	—0.074	39.4	2	59 3165
1577	8.2	41.22	2.5605	.0336	60 25 37.9	19.562	.073	41.4	2	60 2629
1578	8.4	56.38	2.5547	.0339	60 49 23.2	19.567	.072	38.4	2	60 2638
1579	8.9	10 2.06	2.5510	.0341	61 2 24.4	19.568	.072	38.4	2	60 2643
1580	8.6	29.68	2.5640	.0340	60 38 56.8	19.577	.072	40.4	2	60 2662
1581	8.7	11 10 38.88	+2.5693	+0.0340	—60 27 55.7	—19.580	—0.072	40.3	2	60 2665
1582	7.0	51.73	2.5351	.0353	62 9 10.0	19 584	.070	40.3	2	61 2120
1583	8.7	11 2.99	2.5950	.0333	59 22 9.8	19.587	.072	40.3	2	58 3307
1584	6.5	20.40	2.5982	.0334	59 20 48.7	19.593	.072	40.4	2	58 3315
1585	8.5	29.13	2.5777	.0343	60 28 7.8	19.595	.071	40.4	2	60 2698
1586	9.0	11 12 49.10	+2.5768	+0.0355	—61 10 46.7	—19.620	—0.068	40.4	3	60 2727
1587	8.8	50.15	2.5848	.0352	60 47 55.4	19.620	.069	40.4	2	60 2728
1588	8.6	55.96	2.6042	.0344	59 50 55.8	19.622	.070	38.4	2	59 3254
1589	9.0	57.71	2.5822	.0353	60 59 16.7	19.622	.068	38.4	2	60 2732
1590	8.0	13 3.91	2.6047	.0345	59 53 30.4	19.624	.069	38.4	2	55 3259
1591	9.1	11 13 59.12	+2.5469	+0.0376	—63 8 54.1	—19.640	—0.066	38.4	2	62 1946
1592	8.6	14 17.15	2.6092	.0354	60 17 43.3	19.645	.067	40.4	2	59 3289
1593	8.6	52.36	2.6083	.0359	60 39 16.6	19.655	.066	40.3	2	60 2774
1594	8.0	58.69	2.5703	.0376	62 35 25.9	19.657	.065	40.3	2	62 1953
1595	7.5	15 22.41	2.5614	.0383	63 12 10.1	19.664	.064	40.4	2	62 1959
1596	8.6	11 15 24.07	+2.6230	+0.0357	—60 9 14.4	—19.664	—0.066	40.3	2	59 3307
1597	8.8	25.06	2.5944	.0370	61 39 36.9	19.665	.065	40.4	2	61 2182
1598	8.3	26.37	2.6005	.0367	61 21 42.0	19.665	.065	40.4	2	60 2786
1599	8.9	16 8.89	2.5809	.0382	62 42 3.1	19.677	.063	38.4	2	62 1964
1600	8.1	19.15	2.6354	.0359	59 58 13.7	19.680	.064	40.4	3	59 3334

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1601	8.4	11h16m29s.29	+2s.6205	+0s.0367	−60°53′ 2″.6	−19″.683	−0″.062	39.1	3	60°2801
1602	8.3	41.98	2.6135	.0373	61 22 21.4	19.686	.063	38.4	2	60 2808
1603	8.9	17 10.59	2.6316	.0369	60 39 53.4	19.694	.063	38.4	2	60 2819
1604	8.6	14.37	2.6387	.0365	60 18 12.0	19.695	.063	40.4	2	59 3346
1605	8.7	45.33	2.6491	.0365	59 59 53.6	19.703	.063	40.3	2	59 3359
1606	9.0	11 17 53.37	+2.6336	+0.0374	−60 57 34.3	−19.705	−0.062	40.3	2	60 2829
1607	8.1	18 9.31	2.6388	.0374	60 49 23.2	19.710	.062	40.3	2	60 2835
1608	8.6	21.64	2.6499	.0370	60 18 25.0	19.713	.061	40.4	2	59 3368
1609	8.6	35.48	2.6334	.0370	60 14 15.6	19.717	.061	40.4	2	59 3375
1610	8.0	43.75	2.6606	.0367	59 53 14.7	19.719	.061	40.4	2	59 3376
1611	8.9	11 19 23.50	+2.6285	+0.0392	−62 5 58.5	−19.729	−0.059	40.8	3	61 2229
1612	9.0	43.46	2.6106	.0405	63 12 45.0	19.734	.058	38.4	2	62 1977
1613	8.5	20 3.36	2.6644	.0379	60 27 25.9	19.739	.059	38.4	2	60 2865
1614	9.0	6.28	2.6592	.0382	60 47 56.7	19.740	.059	38.4	2	60 2867
1615	8.5	16.89	2.6366	.0397	62 10 52.6	19.743	.060	38.4	2	61 2245
1616	8.9	11 20 26.76	+2.6176	+0.0409	−63 16 25.2	−19.745	−0.057	40.4	2	62 1982
1617	8.4	34.65	2.6467	.0393	61 48 13.4	19.747	.058	40.6	3	61 2253
1618	9.2	48.78	2.6755	.0380	60 14 46.8	19.751	.058	40.3	2	59 3411
1619	8.5	21 41.17	2.6788	.0387	60 35 29.1	19.763	.057	40.3	2	60 2891
1620	8.6	42.22	2.6754	.0390	60 48 58.2	19.764	.056	40.4	2	60 2892
1621	8.5	11 21 44.98	+2.6422	+0.0410	−62 45 21.4	−19.764	−0.056	40.4	2	62 1990
1622	8.6	53.03	2.6314	.0418	63 24 22.4	19.766	.055	40.4	2	62 1992
1623	8.2	22 15.93	2.6422	.0416	63 4 2.4	19.772	.055	40.4	2	62 1997
1624	8.7	30.35	2.6745	.0399	61 22 26.9	19.775	.055	38.4	2	60 2911
1625	8.9	39.75	2.6779	.0399	61 16 8.7	19.777	.055	38 4	2	60 2913
1626	7.5	11 22 42.49	+2.6455	+0.0420	−63 9 25.5	−19.778	−0.054	38.4	2	62 2003
1627	8.7	23 13.30	2.6928	.0394	60 42 2.8	19.785	.054	38.4	2	60 2923
1628	8.6	30.78	2.6601	.0420	62 51 14.3	19.789	.053	40.4	2	62 2007
1629	8.3	32.14	2.6480	.0428	63 32 1.8	19.790	.053	40.3	2	63 1892
1630	8.5	45.58	2.6878	.0404	61 22 18.5	19.793	.053	40.3	2	60 2933
1631	8.4	11 23 47.85	+2.6749	+0.0413	−62 10 51.4	−19.793	−0.053	40.3	2	61 2305
1632	5.5	24 19.94	2.7021	.0401	60 50 24.0	19.801	.053	40.4	2	60 2941
1633	8.2	35.75	2.6776	.0422	62 32 39.7	19.804	.052	40.4	2	62 2018
1634	8.7	49.82	2.7145	.0397	60 20 46.6	19.807	.052	40.4	2	59 3473
1635	8.6	25 13.45	2.6710	.0435	63 20 34.9	19.812	.050	40.8	3	62 2024
1636	9.0	11 25 21.37	+2.7046	+0.0412	−61 22 33.0	−19.814	−0.051	38.4	2	60 2955
1637	8.4	41.87	2.6900	.0427	62 31 46.1	19.819	.050	38.4	2	62 2026
1638	8.8	46.83	2.7127	.0411	61 8 9.1	19.820	.050	38.4	2	60 2965
1639	8.9	26 2.28	2.7055	.0420	61 47 15.9	19.823	.050	38.4	2	61 2342
1640	8.9	36.50	2.6982	.0433	62 39 18.8	19.830	.049	40.6	3	62 2033
1641	8.4	11 26 38.59	+2.7029	+0.0430	−62 22 36.9	−19.831	−0.049	40.4	2	61 2350
1642	6.8	27 0.03	2.6924	.0443	63 16 41.3	19.835	.048	40.3	2	62 2039
1643	8.8	7.33	2.7076	.0433	62 24 55.4	19.837	.048	40.4	2	62 2042
1644	8.6	10.55	2.7246	.0420	61 19 14.1	19.838	.048	40.3	2	60 2986
1645	8.7	15.80	2.7117	.0432	62 15 3.0	19.839	.048	40.4	2	61 2357
1646	9.0	11 27 42.14	+2.7154	+0.0434	−62 19 32.9	−19.844	−0.046	40.4	2	61 2361
1647	9.1	28 2.18	2.7323	.0424	61 25 15.8	19.848	.047	40.8	3	61 2363
1648	8.0	8.68	2.7013	.0452	63 32 28.4	19.849	.046	38.4	2	63 1904
1649	7.8	23.65	2.7203	.0440	62 30 38.0	19.853	.046	38.4	2	62 2065
1650	8.0	50.26	2.7228	.0444	62 40 14.9	19.858	.045	38.4	2	62 2075

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1651	8.8	11h28m55ˢ38	+2ˢ7201	+0ˢ0448	−62°54′38″2	−19″859	−0″045	40.4	2	62°2077
1652	7.0	57.08	2.7476	.0424	61 0 8.5	19.859	.046	38.4	2	60 3011
1653	8.5	29 28.82	2.7422	.0436	61 48 46.3	19.865	.044	40.3	2	61 2379
1654	8.4	32.67	2.7472	.0432	61 29 48.2	19.866	.045	40.8	2	61 2380
1655	8.8	33.31	2.7163	.0462	63 37 38.9	19.866	.044	40.3	2	63 1910
1656	8.3	11 29 48.57	+2.7192	+0.0463	−63 37 58.3	−19.869	−0.044	40.4	2	63 1911
1657	7.9	58.14	2.7637	.0423	60 34 37.3	19.871	.044	40.4	2	60 3028
1658	8.6	58.97	2.7413	.0445	62 16 17.4	19.871	.044	40.4	2	61 2391
1659	8.0	30 31.87	2.7572	.0437	61 32 29.9	19.877	.043	40.4	2	61 2400
1660	8.4	36.14	2.7324	.0463	63 22 13.5	19.878	.042	38.4	2	62 2094
1661	8.4	11 30 37.81	+2.7498	+0.0446	−62 9 59.6	−19.878	−0.043	38.4	2	61 2402
1662	9.0	46.95	2.7539	.0445	61 59 26.5	19.880	.043	38.4	2	61 2404
1663	9.0	31 16.54	2.7365	.0470	63 37 9.9	19.886	.041	38.4	2	63 1919
1664	8.3	28.83	2.7788	.0429	60 36 34.2	19.888	.042	40.7	3	60 3058
1665	8.4	32 14.86	2.7470	.0476	63 40 42.2	19.896	.040	40.3	2	63 1923
1666	7.0	11 32 54.96	+2.7935	+0.0435	−60 37 3.6	−19.903	−0.040	40.3	2	60 3075
1667	6.8	33 22.06	2.7936	.0413	61 0 40.4	19.908	.039	40.3	2	60 3090
1668	8.3	26.93	2.7913	.0446	61 17 1.4	19.908	.039	40.4	2	60 3095
1669	4.5	27.91	2.7736	.0468	62 44 34.6	19.909	.038	40.4	2	62 2127
1670	8.2	35.29	2.7923	.0448	61 19 37.8	19.910	.038	40.4	2	60 3102
1671	8.4	11 33 56.65	+2.7977	+0.0448	−61 11 24.7	−19.913	−0.038	40.4	2	60 3136
1672	7.0	34 1.74	2.8032	.0442	60 46 31.9	19.914	.038	38.4	2	60 3140
1673	7.4	7.98	2.7974	.0451	61 23 17.8	19.916	.038	38.4	2	60 3155
1674	7.6	13.18	2.8069	.0441	60 37 3.0	19.916	.038	38.4	2	60 3159
1675	8.8	36.53	2.7818	.0480	63 7 15.7	19.920	.036	38.4	2	62 2142
1676	8.6	11 35 8.25	+2.7843	+0.0487	−63 24 21.3	−19.925	−0.036	40.4	2	62 2150
1677	7.2	11.35	2.8106	.0454	61 12 28.7	19.925	.036	40.3	2	60 3195
1678	7.5	16.53	2.8168	.0447	60 42 22.4	19.926	.036	40.3	2	60 3201
1679	8.1	27.24	2.8025	.0470	62 11 29.1	19.928	.035	40.4	2	61 2460
1680	7.4	28.20	2.7926	.0484	63 2 46.6	19.928	.035	40.3	2	62 2154
1681	8.7	11 35 41.52	+2.8067	+0.0469	−62 3 2.7	−19.930	−0.035	40.4	2	61 2462
1682	7.4	49.44	2.7981	.0483	62 55 11.1	19.931	.035	39.9	3	62 2163
1683	7.5	59.94	2.7980	.0487	63 5 44.2	19.933	.034	40.4	2	62 2168
1684	8.3	36 2.13	2.8004	.0483	62 55 24.4	19.933	.035	39.8	2	62 2171
1685	8.4	42.37	2.8054	.0492	63 9 9.3	19.939	.033	38.4	2	62 2186
1686	7.8	11 36 48.39	+2.8178	+0.0477	−62 8 42.2	−19.940	−0.033	38.4	2	61 2478
1687	8.5	51.84	2.8062	.0494	63 14 35.6	19.941	.033	40.4	2	62 2190
1688	7.5	55.16	2.8135	.0484	62 39 20.6	19.941	.033	38.4	2	62 2191
1689	8.3	37 24.61	2.8130	.0494	63 12 1.6	19.946	.032	40.3	2	62 2205
1690	7.5	28.69	2.8137	.0496	63 12 5.4	19.946	.032	40.3	2	62 2206
1691	7.5	11 37 44.30	+2.8404	+0.0460	−60 54 30.8	−19.948	−0.032	40.3	2	60 3231
1692	8.5	38 4.23	2.8340	.0478	61 55 14.9	19.951	.031	40.4	2	61 2504
1693	6.7	14.80	2.8322	.0485	62 17 26.5	19.953	.031	40.4	2	61 2508
1694	8.1	47.59	2.8518	.0464	60 51 47.4	19.957	.030	40.4	2	60 3248
1695	9.0	39 8.79	2.8568	.0463	60 43 2.6	19.960	.029	40.7	3	60 3254
1696	7.5	11 39 15.81	+2.8306	+0.0512	−63 33 6.6	−19.961	−0.029	38.4	2	63 1943
1697	8.5	32.76	2.8342	.0512	63 31 4.6	19.963	.028	38.4	2	63 1944
1698	9.0	40 2.16	2.8528	.0492	62 11 58.2	19.967	.028	38.4	2	61 2541
1699	7.3	3.20	2.8466	.0504	62 51 53.1	19.967	.028	38.4	2	62 2237
1700	8.2	22.60	2.8652	.0477	61 13 42.6	19.969	.027	40.4	2	60 3274

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1701	8.3	11h40m25s.96	+2s.8564	+0s.0495	−62°17′15″.2	−19″.970	−0″.027	40.7	3	61°2550
1702	8.3	26.17	2.8576	.0493	62 9 26.1	19.970	.027	40.3	2	61 2551
1703	6.8	41 7.34	2.8646	.0497	62 12 42.4	19.975	.026	40.3	2	61 2559
1704	8.7	17.71	2.8599	.0511	62 57 23.9	19.976	.026	40.4	2	62 2249
1705	9.8	18.30	2.8663	.0497	62 15 19.3	19.976	.026	38.4	1	61 2560
1706	8.6	11 41 24.98	+2.8677	+0.0499	−62 14 12.6	−19.977	−0.025	40.4	2	61 2567
1707	7.0	28.73	2.8652	.0505	62 36 1.5	19.977	.025	40.4	2	62 2250
1708	9.0	32.76	2.8723	.0493	61 51 37.4	19.978	.025	40.4	2	61 2570
1709	8.8	33.95	2.8616	.0515	63 6 7.2	19.978	.025	38.4	2	62 2251
1710	8.3	35.26	2.8694	.0500	62 15 40.4	19.978	.025	39.4	2	61 2571
1711	8.9	11 41 52.37	+2.8723	+0.0502	−62 17 7.3	−19.980	−0.025	38.4	2	61 2576
1712	9.2	42 34.06	2.8859	.0492	61 32 29.4	19.985	.023	38.4	2	61 2584
1713	8.0	41.04	2.8730	.0524	63 15 47.6	19.986	.023	40.4	2	62 2264
1714	8.8	51.36	2.8882	.0495	61 39 7.4	19.987	.023	40.3	2	61 2594
1715	7.8	43 19.38	2.8968	.0489	61 10 4.1	19.990	.022	40.3	2	60 3314
1716	5.7	11 44 5.02	+2.9067	+0.0488	−60 54 0.8	−19.995	−0.021	40.3	2	60 3325
1717	8.3	9.79	2.9012	.0504	61 48 6.1	19.995	.021	40.7	3	61 2611
1718	8.7	23.06	2.9017	.0510	62 4 0.1	19.996	.020	40.4	2	61 2616
1719	8.1	26.38	2.9113	.0487	60 45 47.5	19.997	.020	40.4	2	60 3330
1720	8.9	28.31	2.9088	.0494	61 11 6.6	19.997	.020	40.4	2	60 3333
1721	8.8	11 44 36.10	+2.9124	+0.0489	−60 51 10.1	−19.998	−0.020	38.4	2	60 3334
1722	9.2	46.33	2.9039	.0517	62 21 0.2	19.999	.020	38.4	2	61 2621
1723	8.9	47.22	2.9141	.0490	60 53 1.9	19.999	.020	38.4	2	60 3335
1724	8.0	52.31	2.9064	.0514	62 9 29.6	19.999	.019	38.4	2	61 2622
1725	8.8	55.18	2.9007	.0531	63 1 24.0	19.999	.019	40.4	2	62 2294
1726	8.9	11 45 33.57	+2.9155	+0.0513	−61 55 44.4	−20.003	−0.018	40.3	2	61 2636
1727	9.0	56.47	2.9234	.0503	61 20 34.0	20.005	.018	40.3	2	60 3356
1728	9.1	46 35.93	2.9331	.0498	60 52 11.1	20.009	.016	40.7	3	60 3374
1729	5.0	47 14.23	2.9240	.0552	63 30 38.6	20.012	.015	40.4	2	63 1988
1730	9.0	50.95	2.9373	.0534	62 29 0.9	20.015	.014	40.4	2	62 2342
1731	9.0	11 47 57.56	+2.9452	+0.0511	−61 17 4.7	−20.015	−0.014	40.4	2	60 3412
1732	7.0	59.74	2.9396	.0532	62 22 16.5	20.015	.014	40.4	2	61 2677
1733	8.7	48 12.07	2.9424	.0531	62 16 25.2	20.015	.014	38.4	2	61 2681
1734	8.6	17.49	2.9572	.0554	63 22 19.5	20.015	.013	38.4	2	63 2350
1735	7.2	44.81	2.9321	.0520	61 34 4.1	20.017	.012	38.4	2	61 2691
1736	9.0	11 48 50.30	+2.9524	+0.0523	−61 43 3.9	−20.019	−0.012	40.4	2	61 2696
1737	8.3	50.55	2.9534	.0521	61 31 38.4	20.019	.012	38.4	2	61 2695
1738	9.0	57.97	2.9507	.0536	62 18 59.6	20.020	.012	40.3	2	61 2699
1739	8.0	49 21.10	2.9442	.0581	64 19 3.1	20.021	.011	40.3	2	63 2003
1740	8.5	59.76	2.9670	.0519	61 14 45.5	20.024	.010	40.3	2	60 3454
1741	9.0	11 50 5.98	+2.9624	+0.0545	−62 30 6.5	−20.024	−0.010	40.4	2	62 2374
1742	7.6	9.89	2.9656	.0534	61 57 24.5	20.024	.010	40.4	2	61 2729
1743	8.5	59.59	2.9786	.0519	61 0 7.7	20.027	.009	40.4	2	60 3473
1744	8.9	51 4.56	2.9746	.0544	62 12 45.2	20.028	.008	40.4	2	61 2751
1745	8.3	17.14	2.9781	.0539	61 55 5.2	20.028	.008	38.4	2	61 2756
1746	8.7	11 52 0.81	+2.9829	+0.0560	−62 44 46.8	−20.031	−0.007	38.4	2	62 2406
1747	8.2	3.05	2.9806	.0575	63 25 19.5	20.031	.006	38.4	2	63 2031
1748	8.5	9.41	2.9868	.0548	62 8 59.8	20.031	.006	39.1	3	61 2772
1749	7.0	29.97	2.9874	.0568	63 0 3.2	20.032	.006	40.4	2	62 2408
1750	7.7	51.39	2.9900	.0579	63 25 29.4	20.033	.005	40.3	2	63 2036

N°	Mag.	α 1950.0	Prec	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1751	8.0	11ʰ52ᵐ58ˢ62	+2ˢ9965	+0ˢ0546	−61°55′ 5″0	−20″033	−0″005	40.8	2	61°2-88
1752	7.9	53 58.96	3.0029	.0587	63 30 50.4	20.036	.003	40.3	2	63 2046
1753	9.0	54 19.16	3.0122	.0544	61 31 17.9	20.037	.002	40.4	2	61 2813
1754	9.0	20.76	3.0104	.0562	62 19 52.0	20.037	.002	40.4	2	61 2814
1755	9.0	24.19	3.0139	.0538	61 12 56.4	20.037	.002	40.4	2	60 3522
1756	9.6	11 54 26.37	+3.0097	+0.0576	−62 58 15.0	−20.037	−0.002	40.4	2	62 2455
1757	9.0	30.73	3.0152	.0538	61 10 22.0	20.037	.002	38.4	2	60 3526
1758	7.3	35.47	3.0103	.0588	63 23 53.8	20.037	.002	38.4	2	62 2459
1759	9.0	49.28	3.0143	.0576	62 52 0.3	20.038	.002	38.4	2	62 2462
1760	8.5	55 3.29	3.0207	.0542	61 16 16.7	20.038	.001	38.4	2	60 3532
1761	6.5	11 55 8.51	+3.0196	+0.0562	−62 10 12.6	−20.038	−0.001	40.4	2	61 2829
1762	9.0	56 2.54	3.0318	.0538	60 53 18.6	20.040	+ .001	40.3	2	60 3541
1763	9.8	7.94	3.0317	.0552	61 32 15.9	20.040	.001	40.7	3	61 2844
1764	6.4	15.57	3.0284	.0613	64 3 39.8	20.040	.001	40.3	2	63 2073
1765	8.7	18.96	3.0317	.0579	62 41 45.1	20.040	.001	40.4	2	62 2476
1766	8.3	11 56 26.38	+3.0344	+0.0561	−61 53 37.3	−20.040	+0.002	40.4	2	61 2852
1767	8.4	41.37	3.0362	.0579	62 29 53.9	20.041	.003	40.7	3	62 2480
1768	7.0	53.02	3.0383	.0579	62 33 9.1	20.041	.003	40.4	2	62 2485
1769	9.0	57 25.49	3.0453	.0562	61 43 23.9	20.042	.004	38.4	2	61 2866
1770	8.7	33.87	3.0447	.0606	63 32 26.0	20.042	.004	38.4	2	63 2090
1771	8.4	11 57 44.98	+3.0495	+0.0548	−61 5 21.4	−20.042	+0.004	38.4	2	60 3572
1772	9.0	51.31	3.0488	.0593	62 57 23.4	20.042	.004	39.1	3	62 2512
1773	8.9	58 12.95	3.0524	.0610	63 34 13.3	20.042	.005	40.4	2	63 2096
1774	9.0	25.54	3.0564	.0561	61 27 6.9	20.042	.005	40.3	2	61 2880
1775	8.8	38.06	3.0570	.0623	63 58 10.9	20.042	.006	40.3	2	63 2098
1776	8.6	11 58 46.32	+3.0588	+0.0619	−63 48 14.7	−20.043	+0.006	40.7	3	63 2100
1777	8.8	59 3.50	3.0624	.0607	63 17 5.8	20.043	.007	40.4	2	62 2526
1778	8.0	34.99	3.0682	.0641	64 31 10.3	20.043	.008	40.4	2	64 1772
1779	7.6	50.12	3.0714	.0583	62 8 5.9	20.043	.008	40.4	2	61 2906
1780	8.0	55.59	3.0724	.0599	62 47 32.1	20.043	.008	40.4	2	62 2537
1781	7.0	12 0 21.79	+3.0772	+0.0578	−61 53 47.7	−20.043	+0.009	38.4	2	61 2914
1782	8.0	23.77	3.0777	.0590	62 23 36.9	20.043	.009	38.4	2	61 2915
1783	5.5	28.18	3.0786	.0606	63 2 4.0	20.043	.010	38.4	2	62 2543
1784	8.2	38.74	3.0810	.0633	64 4 21.7	20.043	.010	40.4	2	63 2115
1785	8.0	49.01	3.0824	.0594	62 25 3.1	20.043	.010	40.4	2	62 2549
1786	8.8	12 0 53.40	+3.0835	+0.0614	−63 10 53.5	−20.043	+0.010	40.4	2	62 2551
1787	9.0	1 20.30	3.0884	.0605	62 46 20.0	20.043	.011	40.8	3	62 2558
1788	7.0	28.99	3.0912	.0646	64 15 38.3	20.042	.011	38.4	2	63 2124
1789	5.0	43.86	3.0930	.0610	62 53 13.3	20.042	.012	40.4	2	62 2561
1790	8.5	49.05	3.0922	.0560	60 45 26.5	20.042	.012	38.4	2	60 3683
1791	8.2	12 1 57.26	+3.0959	+0.0622	−63 17 54.7	−20.042	+0.012	38.4	2	62 2563
1792	8.2	2 11.44	3.0970	.0583	61 43 5.6	20.042	.013	38.4	2	61 2933
1793	8.0	13.07	3.0973	.0583	61 43 25.3	20.042	.013	39.9	2	61 2935
1794	7.0	33.08	3.1000	.0565	60 54 3.0	20.042	.013	38.4	2	60 3704
1795	8.6	45.58	3.1029	.0580	61 29 1.6	20.041	.014	40.4	2	61 2946
1796	7.7	12 2 47.65	+3.1048	+0.0610	−62 41 50.8	−20.041	+0.014	40.4	2	62 2573
1797	7.4	55.41	3.1082	.0646	63 59 42.1	20.041	.014	40.4	2	63 2139
1798	8.7	4 3.02	3.1210	.0642	63 39 44.8	20.040	.016	40.4	2	63 2143
1799	5.5	15.43	3.1249	.0663	64 20 5.1	20.039	.018	38.4	2	63 2145
1800	9.0	24.67	3.1221	.0606	62 14 9.9	20.039	.017	40.4	2	61 2959

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	G. P. D.
1801	9.0	12h4m 36s.77	+3s.1257	+0s.0623	−62° 51′ 51″.7	−20″.039	+0″.018	38.4	2	62°.2580
1802	8.5	39.76	3.1294	.0659	64 9 41.2	20.039	.018	38.4	2	63 2146
1803	7.0	40.16	3.1301	.0667	64 24 12.1	20.039	.018	38.4	2	63 2147
1804	8.4	5 34.60	3.1315	.0576	60 50 9.8	20.037	.020	38.4	2	60 3773
1805	8.8	40.93	3.1339	.0590	61 21 25.6	20.037	.020	40.4	2	60 3774
1806	8.6	12 5 56.15	+3.1386	+0.0608	−62 5 25.8	−20.036	+0.020	40.4	2	61 2972
1807	9.2	6 29.76	3.1521	.0676	64 20 58.1	20.035	.022	40.4	2	63 2157
1808	8.4	37.49	3.1506	.0649	63 27 10.4	20.034	.022	40.4	2	63 2158
1809	8.9	43.69	3.1468	.0609	61 56 5.9	20.034	.022	38.4	2	61 2981
1810	8.0	44.83	3.1523	.0653	63 32 30.5	20.034	.022	40.4	2	63 2160
1811	8.2	12 7 6.19	+3.1521	+0.0630	−62 18 13.0	−20.033	+0.023	38.4	2	61 2987
1812	8.0	11.41	3.1578	.0658	63 38 14.9	20.033	.023	38.4	2	63 2162
1813	8.8	49.39	3.1588	.0614	61 56 11.0	20.031	.024	38.4	2	61 2991
1814	8.5	8 21.75	3.1636	.0609	61 39 20.0	20.030	.025	38.4	2	61 2999
1815	8.2	41.68	3.1758	.0667	63 41 22.1	20.028	.026	40.4	2	63 2178
1816	8.2	12 9 4.09	+3.1849	+0.0700	−64 40 11.2	−20.027	+0.027	40.4	2	64 1815
1817	7.9	20.15	3.1805	.0653	63 6 8.2	20.026	.027	40.4	2	62 2619
1818	7.0	20.63	3.1861	.0687	64 13 55.7	20.026	.027	40.4	2	63 2185
1819	8.0	24.94	3.1758	.0618	61 50 50.8	20.026	.028	38.4	2	61 3006
1820	6.8	41.99	3.1827	.0642	62 40 21.2	20.025	.028	40.4	2	62 2624
1821	8.0	12 10 21.42	+3.1870	+0.0628	−62 2 5.1	−20.022	+0.030	38.4	2-3	61 3022
1822	7.8	11 4.88	3.1981	.0648	62 39 12.3	20.019	.031	38.4	2	62 2633
1823	8.7	16.76	3.2013	.0654	62 49 20.6	20.019	.032	38.4	2	62 2635
1824	8.2	26.66	3.1987	.0631	62 0 48.7	20.018	.032	38.4	2	61 3036
1825	6.5	35.45	3.2126	.0694	64 7 49.6	20.017	.032	40.4	2	63 2203
1826	8.8	12 11 50.57	+3.2010	+0.0622	−61 37 25.8	−20.016	+0.032	40.4	2	61 3039
1827	8.0	12 15.35	3.2209	.0700	64 10 56.3	20.014	.034	40.4	2	63 2207
1828	8.9	15.99	3.2054	.0624	61 35 30.1	20.014	.034	40.4	2	61 3043
1829	8.7	40.69	3.2267	.0706	64 17 49.5	20.012	.034	38 4	2	63 2211
1830	9.0	46.93	3.2149	.0644	62 15 39.2	20.012	.035	40.4	2	61 3049
1831	8.7	12 13 12.84	+3.2291	+0.0690	−63 42 10.9	−20.010	+0.036	38.4	2	63 2216
1832	7.4	24.91	3.2348	.0706	64 10 34.5	20.009	.036	38.4	2	63 2217
1833	8.0	45.90	3.2201	.0624	61 21 19.0	20.007	.037	38.4	2	60 3873
1834	8.0	49.11	3.2330	.0678	63 15 11.6	20.006	.037	38.4	2	62 2659
1835	8.2	53.73	3.2410	.0711	64 14 18.6	20.006	.037	40.4	2	63 2219
1836	8.8	12 14 40.89	+3.2408	+0.0673	−62 56 57.1	−20.002	+0.039	40.7	3	62 2667
1837	9.0	56.50	3.2353	.0639	61 44 58.2	20.000	.039	38.4	1	61 3071
1838	8.7	15 2.54	3.2478	.0687	63 20 18.4	20.000	.040	40.4	2	62 2670
1839	8.2	16.77	3.2550	.0707	63 54 29.6	19.998	.040	40.4	2	63 2230
1840	7.5	24.26	3.2364	.0626	61 11 31.5	19.998	.040	38.4	2	60 3890
1841	8.4	12 15 28.90	+3.2422	+0.0645	−61 53 57.1	−19.997	+0.040	38.4	2	61 3075
1842	9.0	30.87	3.2378	.0627	61 12 50.6	19.997	.040	40.4	2	60 3892
1843	4.4	42.75	3.2587	.0703	63 43 30.7	19.996	.041	38.4	2	63 2235
1844	8.0	17 0.78	3.2636	.0670	62 29 40.8	19.988	.044	38.4	2	62 2687
1845	7.0	9.48	3.2658	.0674	62 34 35.9	19.987	.044	38.4	2	62 2688
1846	8.0	12 17 12.86	+3.2857	+0.0746	−64 44 10.8	−19.986	+0.044	40.4	2	64 1865
1847	8.3	30.14	3.2670	.0665	62 15 7.2	19.984	.045	40.4	2	61 3088
1848	8.2	30.88	3.2859	.0734	64 22 13.0	19.984	.045	40.4	2	63 2246
1849	8.3	18 18.89	3.2719	.0654	61 46 0.0	19.979	.046	40.4	2	61 3093
1850	9.0	24.02	3.2761	.0666	62 9 0.0	19.978	.047	38.4	2	61 3097

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1851	8.0	12h18m49s.05	+3s.2894	+0s.0698	—63° 6'32".4	—19".975	+0".048	40.4	2	62°2700
1852	8.7	54.39	3.2864	.0684	62 40 31.1	19.975	.048	38.4	2	62 2701
1853	7.9	19 2.03	3.2754	.0642	61 15 38.3	19.974	.048	38.4	2	60 3925
1854	9.0	22.24	3.2938	.0694	62 54 41.7	19.971	.049	38.4	2	62 2705
1855	7.8	31.79	3.3107	.0746	64 24 20.6	19.970	.050	38.4	2	63 2251
1856	8.2	12 19 51.50	+3.2902	+0.0666	—61 56 19.1	—19.968	+0.050	40.8	3	61 3112
1857	8.3	20 12.98	3.3195	.0751	64 27 10.4	19.965	.051	40.4	2	64 1886
1858	8.5	42.93	3.3273	.0759	64 35 58.1	19.961	.052	40.4	2-3	64 1889
1859	7.8	55.73	3.3186	.0724	63 35 34.2	19.959	.052	40.4	2	63 2259
1860	8.0	21 1.80	3.3211	.0728	63 42 31.9	19.958	.053	38.4	2	63 2261
1861	8.6	12 21 11.43	+3 3036	+0.0668	—61 49 52.5	—19.957	+0.053	40.4	2	61 3128
1862	8.0	48.35	3 3414	.0767	64 39 46.0	19.952	.055	38.4	2	64 1895
1863	8.2	48.52	3.3084	.0665	61 38 6.2	19.952	.054	38.4	2	61 3138
1864	7.3	22 7.58	3.3486	.0779	64 56 2.0	19.949	.056	38.4	2	64 1898
1865	8.9	52.59	3.3182	.0664	61 28 10.1	19.943	.057	38.4	2	61 3160
1866	7.6	12 22 59.75	+3.3446	+0.0739	—63 44 38.7	—19.942	+0.057	40.4	2	63 2270
1867	8.8	23 7.35	3.3261	.0680	61 58 20.5	19.941	.057	40.4	2	61 3166
1868	7.9	43.17	3.3424	.0710	62 50 42.7	19.936	.059	40.4	2	62 2742
1869	8.7	24 22.08	3.3716	.0777	64 34 55.3	19.930	.061	40.4	2	64 1919
1870	7.0	36.02	3.3605	.0738	63 30 43.4	19.927	.061	38.4	2	63 2283
1871	8.9	12 24 37.42	+3.3542	+0.0720	—62 58 26.6	—19.927	+0.061	40.4	2	62 2756
1872	9.1	51.48	3.3475	.0695	62 11 36.2	19.925	.061	38.4	2	61 3195
1873	9.1	25 2.25	3.3444	.0681	61 45 11.4	19.923	.062	38.4	2	61 3198
1874	8.0	28.02	3.3460	.0675	61 29 11.4	19.919	.062	38.4	2	61 3204
1875	7.0	29.66	3.3782	.0763	64 3 51.0	19.919	.062	38.4	2	63 2297
1876	9.0	12 25 31.13	+3.3607	+0.0714	—62 40 51.5	—19.919	+0.063	40.4	2	62 2770
1877	8.4	36.73	3.3512	.0685	61 47 57.0	19.918	.063	40.4	2	61 3208
1878	7.9	26 6.32	3.3541	.0681	61 35 40.2	19.913	.064	40.4	2	61 3218
1879	8.9	17.02	3.3632	.0701	62 11 24.9	19.911	.064	40.4	2	61 3220
1880	8.5	27 42.24	3.3706	.0686	61 32 29.8	19.897	.068	38.4	2	61 3237
1881	8.6	12 28 7.50	+3.3710	+0.0677	—61 13 0.0	—19 892	+0.068	40.4	2	60 4081
1882	9.4	10.98	3.3878	.0718	62 28 28.4	19.891	.069	39.1	3	62 2798
1883	9.2	11.55	3.3696	.0672	61 2 52.3	19.891	.069	38.4	2	60 4083
1884	8.1	23.08	3.3790	.0691	61 37 56.3	19.889	.069	38.4	2	61 3247
1885	9.1	25.96	3.3895	.0716	62 23 44.6	19.889	.070	38.4	2	61 3249
1886	8.4	12 28 41.99	+3.3696	+0.0660	—60 36 32.3	—19.886	+0.070	40.4	2	60 4090
1887	9.2	59.76	3.3898	.0704	61 57 32.8	19 883	.071	40.4-40.7	2-3	61 3255
1888	8.8	29 4.51	3.3853	.0691	61 33 2.2	19 882	.071	40.4	2	61 3256
1889	6.5	5.04	3.4085	.0749	63 13 48.8	19 882	.071	40.4	2	62 2805
1890	8.5	27.21	3.3880	.0690	61 27 9.1	19.878	.072	38.4	2	61 3263
1891	9.1	12 29 35 65	+3 3928	+0.0698	—61 41 53.8	—19.876	+0.072	40.4	2	61 3265
1892	8.8	58.88	3.3956	.0696	61 35 57.3	19.872	.073	38.4	2	61 3269
1893	8.5	30 13.95	3.4420	.0804	64 31 7.0	19.869	.074	38.4	2	64 1959
1894	8.7	31 4.92	3.4059	.0697	61 29 45.4	19.859	.076	38.4	2	61 3283
1895	9.0	36.61	3.4247	.0730	62 24 11.2	19.852	.077	40.5	2	61 3286
1896	8.3	12 31 59.67	+3.4589	+0.0802	—64 15 30.5	—19.848	+0.078	40.4	2	63 2348
1897	7.8	32 38.00	3.4220	.0702	61 27 53.9	19.840	.079	40.4	2	61 3296
1898	7.5	39.65	3.4237	.0706	61 33 53.5	19.840	.079	38.4	3	61 3298
1899	8.8	40.03	3.4431	.0750	62 49 59.5	19.840	.080	40.4	2	62 2834
1900	9.1	42.26	3.4398	.0741	62 35 51.4	19.839	.080	40.4	2	62 2835

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1901	8.9	12h32m44s.30	+3s.48132	+0s.0837	−65° 0′ 9″.8	−19″.839	+0″.080	40.8	3	64°1966
1902	8.4	54.39	3.4224	.0698	61 17 51.2	19.837	.080	38.4	2	60 4170
1903	8.6	57.99	3.4270	.0707	61 33 55.2	19.836	.080	38.4	4	61 3303
1904	8.4	33 14.45	3.4453	.0742	62 34 7.5	19.832	.081	38.4	2	62 2838
1905	8.7	39.58	3.4404	.0723	61 57 40.4	19.827	.082	38.4	2	61 3308
1906	8.5	12 33 52.71	+3.4534	+0.0748	−62 37 40.6	−19.824	+0.083	40.7	3	62 2843
1907	9.1	34 10.41	3.4528	.0740	62 23 12.8	19.820	.083	40.4	2	61 3312
1908	9.0	35 21.52	3.4519	.0715	61 31 51.6	19.805	.086	40.4	2	61 3317
1909	9.2	31.28	3.4719	.0755	62 38 24.2	19.803	.086	40.8-40.4	3-2	62 2853
1910	8.2	55.61	3.4616	.0725	61 45 28.1	19 797	.087	38.4	2	61 3318
1911	8.7	12 36 1.53	+3.4996	+0.0805	−63 51 49.7	−19.796	+0.088	40.4	4	63 2379
1912	8.6	6.46	3.4718	.0743	62 15 16.0	19.795	.088	38.4	2	61 3319
1913	8.5	32.63	3.4994	.0794	63 32 1.3	19.789	.089	38.4	2	63 2384
1914	8.7	42.91	3.4768	.0742	62 9 32.7	19.786	.089	38.4	2	61 3327
1915	9.0	37 37.29	3.4791	.0730	61 43 14.5	19.773	.091	38.4	2	61 3335
1916	8.9	12 37 43.92	+3.5056	+0.0783	−63 8 2.3	−19.772	+0.092	40.4	2	62 2871
1917	9.0	56.63	3.4825	.0731	61 42 55.9	19.769	.092	40.4	2	61 3340
1918	9.1	38 1.64	3.4894	.0744	62 3 43.8	19.768	.092	40.4	2	61 3341
1919	9.0	7.22	3.5322	.0831	64 15 58.2	19.766	.094	40.4	2	63 2391
1920	9.1	49.21	3.5044	.0760	62 24 55.0	19.756	.094	38.4	2	62 2879
1921	7.5	12 38 54.42	+3.5456	+0.0843	−64 27 16.1	−19.755	+0.096	40.4	3	64 1983
1922	9.2	39 26.81	3 5166	.0773	62 41 57.9	19.747	.096	38.4	2	62 2892
1923	5.8	53.19	3.5232	.0778	62 47 3.8	19.740	.097	38.4	2	62 2898
1924	8.8	55.02	3.5260	.0783	62 54 40.4	19.740	.097	38.4	2	62 2899
1925	8.4	40 9.36	3.4913	.0711	60 52 27.1	19.736	.092	38.4	3-2	60 4251
1926	9.0	12 40 10.76	+3.5236	+0.0774	−62 38 16.2	−19.736	+0.098	40.4	2	62 2902
1927	8.7	41 8.65	3.5611	.0831	63 56 14.9	19.721	.101	40.4	2	63 2406
1928	8.6	22.87	3.5107	.0728	61 15 5.4	19.717	.100	40.4	2	60 4260
1929	8.5	48.56	3.5859	.0868	64 41 26.6	19.710	.103	40.4	2	64 1990
1930	8.8	53.46	3.5438	.0783	62 41 50.0	19.709	.102	40.4	2-3	62 2914
1931	8.6	12 41 56.74	+3.5959	+0.0885	−65 2 44.4	−19.708	+0.104	38.4	2	64 1992
1932	9.0	59.16	3.5299	.0755	61 56 26.5	19.708	.102	39.1	3	61 3355
1933	8.3	42 16.50	3.5331	.0756	61 56 38.9	19.703	.103	38.4	2	61 3356
1934	9.0	41.14	3.5370	.0756	61 54 58.8	19.696	.104	38.4	2	61 3359
1935	9.1	43 20.24	3.5462	.0763	62 1 38.7	19.686	.105	38.4	2	61 3363
1936	9.1	12 43 37.36	+3.5667	+0.0796	−62 52 18.3	−19.681	+0.107	40.4	2	62 2919
1937	8.8	44 7.22	3.5710	.0796	62 48 45.2	19.673	.108	40.4	2	62 2921
1938	8.7	14.01	3.5347	.0727	60 57 1.5	19.671	.107	40.4	2	60 4288
1939	9.2	27.07	3.5632	.0776	62 16 15.5	19.667	.108	40.4-40.8	2-3	61 3367
1940	9.3	46.61	3.5785	.0799	62 49 23.9	19.661	.110	38.4	2	62 2927
1941	8.4	12 45 9.85	+3.5816	+0.0798	−62 45 56.2	−19.655	+0.111	40.4	2	62 2932
1942	9.4	20.25	3.5651	.0763	61 53 56.6	19.652	.110	38.4	2	61 3371
1943	9.2	46 8.90	3.5513	.0728	60 47 39.3	19.638	.112	38.4	2	60 4301
1944	9.1	30.24	3.5853	.0784	62 15 33.5	19.632	.114	39.4-39.1	2-3	61 3374
1945	9.0	39.07	3.5544	.0726	60 41 34.7	19.629	.113	38.4	3-2	60 4309
1946	7.8	12 46 52.50	+3.6382	+0.0874	−64 20 28.7	−19.625	+0.116	40.4	2	63 2420
1947	8.4	47 13.42	3.5955	.0791	62 22 10.0	19.619	.116	40.4	2	61 3376
1948	9.2	51.84	3.6105	.0807	62 43 15.4	19.607	.117	40.4	2	62 2942
1949	9.0	48 8.11	3.6612	.0895	64 38 54.8	19.602	.119	40.4	2	64 2038
1950	9.2	10.78	3.6003	.0784	62 7 15.6	19.602	.118	38.4	2	61 3379

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
1951	8.7	12h48m51s.87	+3s.6635	+0s.0886	−64°24′14″.0	−19″.589	+0″.121	40.4	2	63°2433
1952	9.3	56.17	3.6259	.0817	62 52 13.2	19.588	.120	38.4	2	62 2944
1953	8.0	49 4.20	3.6345	.0831	63 10 3.5	19.585	.121	38.4	2	62 2945
1954	9.4	13.17	3.6502	.0856	63 43 48.0	19.582	.122	38.4	2	63 2436
1955	8.5	45.10	3.6778	.0897	64 32 42.5	19.572	.124	38.4	2	64 2050
1956	8.0	12 50 4.13	+3.6274	+0.0803	−62 24 40.1	−19 566	+0.123	40.4	2	62 2949
1957	8.6	6.57	3.6815	.0897	64 31 19.7	19.566	.125	40.4	2	64 2053
1958	8.9	59.05	3.6162	.0770	61 30 0.1	19.549	.125	40.4	2	61 3385
1959	8.6	51 3.62	3.6501	.0827	62 53 41.5	19.547	.126	40.4	2	62 2954
1960	8.2	59.46	3.6454	.0805	62 17 16.4	19.529	.128	40.7	3	61 3391
1961	8.2	12 51 59.49	+3.6726	+0.0851	−63 22 10.8	−19.529	+0.129	38.4	2	62 2960
1962	9.2	52 23.95	3.6641	.0830	62 51 43.0	19.521	.129	38.4	2	62 2961
1963	8.8	39.40	3.6796	.0854	63 20 50.6	19.516	.130	38.4	2	62 2962
1964	9.2	50.67	3.6562	.0810	62 20 52.4	19.512	.130	38.4	2	61 3394
1965	8.0	53 12.46	3.6391	.0777	61 29 3.4	19.505	.130	38.4	2	61 3396
1966	8.0	12 53 27.18	+3.7090	+0.0891	−64 5 24.9	−19.500	+0.133	40.4	2	63 2454
1967	9.0	30.58	3.6325	.0762	61 3 52.6	19.499	.131	40.4	2	60 4363
1968	8.2	54 5.39	3.6916	.0852	63 11 39.2	19.487	.134	40.4	2	62 2965
1969	8.5	40.13	3.7034	.0862	63 23 11.6	19.475	.136	40.8	3	62 2969
1970	8.5	42.20	3.6343	.0750	60 37 3.3	19.475	.133	38.4	2	60 4369
1971	8.3	12 54 57.97	+3.6408	+0.0757	−60 47 6.5	−19.469	+0.134	40.4	3	60 4372
1972	8.5	55 54.40	3.7169	.0866	63 22 14.4	19.449	.139	38.4	2	62 2977
1973	9.0	56 2.78	3.6990	.0835	62 39 33.8	19.446	.139	38.4	3	62 2978
1974	8.9	16.06	3.6846	.0809	62 1 9.4	19.442	.139	38.4	2	61 3401
1975	7.5	32.00	3.7452	.0904	64 6 2.9	19.436	.142	39.1	3	63 2472
1976	9.3	12 56 58.21	+3.7719	+0.0942	−64 48 5.1	−19.427	+0.144	40.4	2	64 2101
1977	9.2	57 3.92	3.6964	.0817	62 8 50.9	19.425	.141	40.4	2	61 3406
1978	9.2	11.74	3.7485	.0899	63 57 12.1	19.422	.143	40.4	2	63 2476
1979	8.6	34.32	3.7084	.0829	62 23 43.5	19.414	.143	40.4	2	61 3410
1980	7.7	58 2.73	3.7234	.0846	62 45 14.6	19.403	.144	38.4	2	62 2981
1981	9.2	12 58 14.14	+3.6739	+0.0766	−60 47 15.9	−19.399	+0.143	40.5	2	60 4387
1982	8.9	41.67	3.7075	.0813	61 54 43.4	19.389	.145	39.4-38.4	3-2	61 3419
1983	9.2	46.75	3.6992	.0799	61 33 47.4	19.387	.145	40.0	4	61 3421
1984	8.2	59 37.94	3.6950	.0781	61 3 46.0	19.368	.147	38.4	2	60 4395
1985	9.3	47.74	3.7555	.0873	63 11 49.6	19.364	.149	38.4	2	62 2984
1986	8.6	12 59 51.38	+3.7971	+0.0938	−64 30 58.2	−19.363	+0.151	40.4	2	64 2124
1987	9.2	13 0 33.33	3.8089	.0947	64 37 20.0	19.347	.153	40.4	3	64 2133
1988	8.8	39.13	3.7718	.0887	63 25 14.0	19.345	.152	38.4	2	63 2506
1989	7.8	40.73	3.7848	.0907	63 49 53.1	19.344	.153	38.4	2	63 2507
1990	8.5	1 15.02	3.8138	.0944	64 31 19.4	19.331	.155	38.4	2	64 2138
1991	8.3	13 1 29.60	+3.7241	+0.0802	−61 26 31.7	−19.326	+0.152	38.4	2	61 3439
1992	8.5	39.44	3.7086	.0777	60 47 39.0	19.322	.152	39.5	3	60 4419
1993	7.0	50.73	3.8092	.0928	64 10 24.6	19.317	.156	40.4	2	63 2515
1994	7.8	51.72	3.7207	.0792	61 10 13.5	19.317	.153	40.5	2	60 4423
1995	9.1	54.12	3.8031	.0918	63 57 49.0	19.316	.156	40.5	2	63 2517
1996	8.6	13 2 51.32	+3.8144	+0.0922	−63 58 32.6	−19.294	+0.159	40.5	2	63 2527
1997	9.2	53.30	3.8243	.0937	64 15 41.5	19.293	.159	39.9	2	63 2528
1998	8.0	3 18.68	3.8482	.0968	64 48 46.8	19.283	.161	38.4	2	64 2160
1999	8.9	24.91	3.8315	.0941	64 17 33.9	19.280	.161	39.9	2	63 2535
2000	8.0	34.26	3.8560	.0977	64 56 41.2	19.277	.162	38.4	2	64 2163

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2001	8.8	13h 3m41s17	+3s7581	+0s0826	−61°50′36″7	−19″274	+0″158	38.4	2	61°3451
2002	8.0	4 22.82	3.8903	.1019	65 36 38.3	19.257	.165	39.5	3	65 2156
2003	6.5	52.25	3.8750	.0987	65 2 21.1	19.245	.166	40.4	2	64 2183
2004	9.0	57.54	3.8847	.1002	65 16 22.1	19.245	.167	40.5	2	64 2186
2005	8.9	5 17.63	3.7502	.0785	60 58 38.8	19.230	.162	40.5	2	60 4461
2006	8.9	13 5 30.99	+3.8638	+0.0961	−64 31 5.3	−19.229	+0.167	40.5	2	64 2196
2007	8.8	34.37	3.7514	.0793	60 55 10.4	19.228	.164	41.5	2	60 4466
2008	9.0	55.01	3.8732	.0970	64 38 47.2	19.219	.168	38.4	2	64 2199
2009	8.6	6 46.34	3.8706	.0954	64 17 40.0	19.198	.170	38.4	2	63 2577
2010	9.0	7 11.59	3.7758	.0810	61 12 23.1	19.187	.167	38.4	2	60 4485
2011	8.8	13 7 19.58	+3.7878	+0.0825	−61 34 0.2	−19.184	+0.168	38.4	2	61 3483
2012	8.3	29.14	3.8776	.0954	64 15 34.9	19.180	.172	39.5	3	63 2585
2013	9.0	44.72	3.8552	.0918	63 32 16.0	19.173	.172	40.4	2	63 2591
2014	8.6	48.08	3.8004	.0837	61 49 18.2	19.172	.170	40.5	2	61 3487
2015	9.0	50.97	3.8749	.0945	64 4 3.8	19.171	.173	40.5	2	63 2592
2016	7.3	13 8 39.54	+3.8484	+0.0896	−63 2 14.8	−19.150	+0.174	40.5	2	62 3046
2017	8.1	45.49	3.7813	0.799	60 51 7.0	19.147	.171	41.0	2	60 4508
2018	8.7	9 7.67	3.8710	.0922	63 32 48.2	19.138	.176	38.4	2	63 2612
2019	8.0	26.31	3.9292	.1005	65 1 33.9	19.130	.179	38.4	3	64 2249
2020	7.8	39.20	3.8030	.0820	61 16 46.4	19.124	.174	38.4	2	60 4520
2021	8.5	13 9 53.22	+3.8724	+0.0914	−63 20 35.2	−19.118	+0.178	38.4	2	62 3064
2022	8.0	10 30.36	3.8785	.0916	63 19 18.2	19.102	.179	39.5	3	62 3079
2023	8.5	35 78	3.9330	.0994	64 46 6.6	19.099	.182	40.4	2	64 2275
2024	8.0	48.29	3.8500	.0872	62 23 21.1	19.094	.179	40.5	2	61 3516
2025	8.5	56.56	3.8759	.0906	63 6 33.0	19.090	.180	40.5	2	62 3090
2026	8.7	13 11 23.29	+3.9305	+0.0980	−64 27 54.8	−19.078	+0.184	40.5	2	64 2286
2027	7.3	28.74	3.8891	.0919	63 18 59.8	19.076	.182	41.5	2	62 3096
2028	8.7	40.10	3.9253	.0969	64 14 42.1	19.071	.184	38.4	2	63 2649
2029	8.8	12 6.53	3.9093	.0940	63 41 0.0	19.059	.184	38.4	2	63 2653
2030	8.9	34.52	3.9122	.0938	63 37 12.6	19.046	.186	38.4	2	63 2662
2031	8.1	13 12 50.16	+3.8692	+0.0875	−62 19 11.6	−19.039	+0.184	39.9	2	61 3544
2032	7.3	13 25.98	3.9706	.1011	64 52 24.6	19.023	.190	39.5	3	64 2316
2033	8.6	40.84	3.8522	.0842	61 32 27.8	19.016	.186	40.4	2	61 3552
2034	9.0	14 10.69	3.9752	.1008	64 46 20.5	19.002	.192	40.5	2	64 2325
2035	9.0	11.80	3.8341	.0812	60 48 26.5	19.001	.185	40.5	2	60 4569
2036	9.1	13 14 40.47	+3.9624	+0.0975	−64 18 40.5	−18.988	+0.193	40.8	3	63 2682
2037	8.3	49.09	3.9298	0.935	63 25 25.8	18.984	.192	41.5	2	63 2684
2038	7.3	15 2.50	3.9235	.0923	63 11 9.9	18.978	.192	38.4	2	62 3137
2039	8.3	19.61	3.8923	.0878	62 13 41.5	18.970	.191	39.4	3	61 3575
2040	8.3	16 14.35	3.9481	.0943	63 29 32.3	18.944	.196	38.4	2	63 2697
2041	8.0	13 16 35.20	+3.8874	+0.0857	−61 42 23.1	−18.934	+0.194	38.4	2	61 3600
2042	8.6	42.90	3.8908	.0860	61 46 7.5	18.930	.194	39.5	3	61 3603
2043	7.5	45.68	3.9086	.0884	62 15 51.7	18.929	.195	40.4	2	61 3604
2044	8.5	56.66	3.8923	.0860	61 44 37.9	18.924	.195	40.5	2	61 3608
2045	8.7	17 5.76	3.9584	.0947	63 30 44.8	18.919	.199	41.0	2	63 2702
2046	8.8	13 17 24.94	+3.8746	+0.0832	−61 4 27.4	−18.910	+0.195	40.5	2	60 4604
2047	9.2	39.04	3.9965	.0993	64 18 42.5	18.903	.202	41.5	2	63 2706
2048	8.2	18 5.05	3.9801	.0965	63 47 13.7	18.891	.202	38.4	2	63 2711
2049	8.8	17.66	3.8660	.0812	60 32 49.3	18.884	.197	38.4	2	60 4610
2050	9.8	34.43	3.9683	.0943	63 21 2.4	18.876	.202	38.4	2	62 3193

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2051	8.6	13h18m37s.23	+4s.0102	+0s.1000	−64°22′23″.1	−18″.875	+0″.204	41.5	2	63°2716
2052	8.9	54.82	3.8913	.0838	61 7 40.0	18.886	.199	38.4	2	60 4619
2053	5.5	19 23 01	3.8825	.0822	60 43 36.8	18.852	.200	39.5	3	60 4627
2054	8.0	38.60	3.9202	.0867	61 45 4.1	18.846	.203	40.4	2	61 3638
2055	8.7	54.55	3.8933	.0830	60 53 44.7	18.837	.202	41.0	2	60 4630
2056	8.6	13 19 55.05	+3.9544	+0.0909	−62 36 37.0	−18.836	+0.205	40.5	2	62 3214
2057	6.2	20 37.45	4.0288	.1000	64 16 28.6	18.815	.210	40.5	2	63 2732
2058	8.5	21 1.35	3.9200	.0853	61 21 9.6	18.803	.206	41.5	2	60 4643
2059	8.8	35.35	3.9054	.0829	60 46 7.5	18.786	.206	38.4	2	60 4649
2060	8.6	43.51	3.9048	.0826	60 42 39.7	18.782	.207	38.4	3	60 4651
2061	6.5	13 21 52.07	+4.0408	+0.1002	−64 13 28.5	−18.777	+0.214	38.4	2	63 2743
2062	8.9	22 9.29	3.9343	.0859	61 26 8.0	18.769	.209	38.4	2	61 3682
2063	9.2	29.81	3.9513	.0877	61 48 30.1	18.758	.211	39.9	2	61 3684
2064	8.4	49.53	3.9732	.0901	62 18 3.0	18.748	.212	40.5	3	61 3688
2065	8.4	23 37.72	3.9183	.0825	60 34 2.4	18.723	.212	40.8	2-3	60 4671
2066	8.7	13 23 44.95	+3.9866	+0.0909	−62 23 59.4	−18.719	+0.215	40.5	2	62 3265
2067	8.8	48.97	4.0458	.0985	63 50 4.8	18.717	.219	41.0	2	63 2754
2068	8.1	24 4.51	3.9896	.0909	62 23 23.1	18.709	.216	40.5	2	62 3270
2069	7.8	8.65	4.0377	.0970	63 33 28.4	18.707	.219	38.4	3	63 2760
2070	8.4	9.91	4.0263	.0955	63 16 47.9	18.706	.219	41.5	2	62 3271
2071	7.7	13 24 43.64	+3.9373	+0.0837	−60 48 12.5	−18.688	+0.215	38.4	2	60 4687
2072	8.7	25 13.04	4.0680	.0998	63 59 7.9	18.673	.223	38.4	2	63 2770
2073	7.8	34.61	3.9839	.0886	61 50 36.8	18.662	.220	38.4	2	61 3732
2074	7.5	41.28	4.0570	.0979	63 36 55.9	18.658	.224	39.5	3	63 2778
2075	6.5	42.47	4.0928	.1024	64 25 2.0	18.657	.226	40.4	2	64 2418
2076	8.2	13 25 47.74	+3.9427	+0.0834	−60 39 53.1	−18.654	+0.218	40.5	2	60 4696
2077	8.3	26 4.46	4.0872	.1012	64 12 6.3	18.646	.227	40.5	2	63 2779
2078	9.2	27 25.78	4.0652	.0969	63 21 54.0	18.602	.228	41.0	2	62 3308
2079	8.1	51.25	3.9555	.0830	60 28 15.4	18.588	.224	41.0	2	60 4734
2080	8.9	28 2.11	4.0744	.0974	63 25 38.4	18.582	.230	38.4	2	63 2791
2081	7.5	13 28 12.79	+3.9906	+0.0868	−61 19 30.1	−18.576	+0.226	38.4	2	60 4739
2082	9.5	18.36	4.0830	.0982	63 33 22.1	18.573	.232	38.4	1	63 2792
2083	7.9	40.04	4.0536	.0941	62 47 4.7	18.561	.231	38.4	2	62 3326
2084	8.7	49.08	3.9679	.0835	60 33 29.8	18.556	.226	39.5	3	60 4744
2085	8.9	49.40	4.1416	.1051	64 42 0.9	18.556	.236	38.4	2	64 2448
2086	7.3	13 29 9.49	+4.0299	+0.0907	−62 5 14.3	−18.545	+0.230	40.4	2	61 3777
2087	9.3	40.12	4.0912	.0977	63 24 27.7	18.528	.235	40.5	2	63 2811
2088	8.8	40.78	4.0369	.0910	62 7 44.9	18.528	.232	40.5	2	61 3786
2089	8.2	30 9.49	4.1474	.1043	64 30 26.4	18.512	.240	40.5	2	64 2466
2090	8.6	13.84	4.0398	.0908	62 3 40.5	18.509	.234	41.5	2	61 3793
2091	8.4	13 30 25.10	+4.0221	+0.0884	−61 34 31.4	−18.503	+0.233	38.4	2	61 3796
2092	8.0	31 8.68	4.0895	.0959	63 0 53.5	18.478	.238	38.4	3	62 3370
2093	8.0	17.46	4.0939	.0963	63 4 45.8	18.473	.239	38.4	2	62 3374
2094	7.8	46.48	4.0685	.0927	62 22 28.3	18.457	.239	38.4	2	61 3819
2095	8.5	32 3.77	4.0434	.0894	61 41 50.1	18.447	.238	39.5-39.2	3-4	61 3821
2096	8.3	13 32 17.15	+4.0422	+0.0890	−61 36 43.6	−18.439	+0.239	41.1	3	61 3825
2097	8.2	37.61	4.0266	.0868	61 8 11.8	18.428	.239	40.5	2	60 4783
2098	8.4	54.68	4.1026	.0957	62 53 26.4	18.418	.244	40.5	2	62 3394
2099	8.5	33 8.74	4.0705	.0915	62 5 23.3	18.410	.242	41.0	2	61 3830
2100	8.3	31.67	4.1318	.0986	63 23 28.4	18.397	.247	41.5	2	63 2856

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2101	8.2	13h33m39s.97	+4s.1555	+0s.1014	−63°51'56".4	−18".392	+0".249	38.4	2	63°2857
2102	6.5	47.38	4.0498	.0885	61 26 7.0	18.388	.243	38.4	3	61 3841
2103	8.7	34 14.71	4.1318	.0978	63 13 34.9	18.372	.248	38.4	2	62 3408
2104	7.5	58.85	4.1668	.1015	63 48 5.8	18.346	.252	39.9-39.4	2-3	63 2869
2105	9.3	35 15.00	4.1553	.0996	63 30 0.8	18.336	.252	39.5	3	63 2872
2106	7.9	13 35 15.98	+4.0664	+0.0890	−61 29 9.3	−18.336	+0.247	40.4	2	61 3860
2107	7.7	29.06	4.2039	.1053	64 26 26.3	18.328	.256	40.5	2	64 2496
2108	8.6	52.45	4.0417	.0856	60 43 48.3	18.314	.247	40.5	2	60 4836
2109	8.9	57.73	4.1740	.1011	63 43 55.0	18.311	.253	40.5	2	63 2883
2110	8.5	36 5.53	4.0530	.0867	60 57 38.5	18.306	.248	41.5	2	60 4843
2111	8.2	13 36 17.36	+4.0404	+0.0851	−60 35 52.9	−18.299	+0.248	38.4	2	60 4850
2112	6.7	39.38	4.2110	.1049	64 19 24.0	18.286	.259	38.4	3	63 2896
2113	8.9	37 7.18	4.1906	.1019	63 48 56.9	18.270	.259	38.4	2	63 2899
2114	8.0	23.55	4.1372	.0952	62 37 37.0	18.260	.256	38.4	2	62 3452
2115	8.5	38 0.02	4.0987	.0902	61 36 55.2	18.238	.256	39.5	3	61 3906
2116	8.7	13 38 16.44	+4.1626	+0.0969	−62 58 43.5	−18.229	+0.254	40.4	2	62 3463
2117	9.0	17.89	4.1149	.0917	61 55 11.2	18.227	.257	40.5	2	61 3911
2118	8.7	30.28	4.0668	.0861	60 44 6.5	18.220	.255	40.5	2	60 4881
2119	8.4	39 17.76	4.1125	.0905	61 38 24.3	18.191	.259	40.8	4	61 3927
2120	7.8	47.81	4.1095	.0897	61 27 26.5	18.172	.260	38.4	2	61 3933
2121	9.0	13 39 52.41	+4.1577	+0.0952	−62 31 17.5	−18.169	+0.264	38.4	3	62 3492
2122	8.9	40 32 01	4.1727	.0962	62 41 47.8	18.145	.266	38.4	2	62 3508
2123	8.4	34.52	4.1024	.0882	61 6 55.6	18.143	.262	38.4	2	60 4913
2124	9.0	54.55	4.1379	.0919	63 51 27.8	18.131	.265	39.5	3	61 3951
2125	8.9	41 9.68	4.2278	.1020	63 41 30.5	18.122	.271	40.4	2	63 2936
2126	8.7	13 41 48.99	+4.1380	+0.0911	−61 39 34.6	−18.097	+0.267	40.5	2	61 3970
2127	8.1	42 17.81	4.2407	.1024	63 42 26.1	18.079	.274	40.5	2	63 2942
2128	8.6	36.05	4.2203	.0997	63 14 23.2	18.067	.274	40.5	2	62 3548
2129	8.3	39.51	4.2296	.1007	63 24 48.5	18.065	.275	41.0	2	63 2951
2130	8.6	46.22	4.2257	.1001	63 18 44.6	18.061	.275	38.4	2	62 3552
2131	7.3	13 42 48.13	+4.1724	+0.0940	−62 12 5.5	−18.060	+0.271	38.4	3	61 3987
2132	9.1	43 0.87	4.1249	.0886	61 5 57.7	18.052	.269	38.4	2	60 4948
2133	7.8	5.53	4.1969	.0965	62 39 31.7	18.049	.273	38.4	2	62 3570
2134	8.7	38.64	4.1031	.0856	60 26 54.9	18.028	.269	40.4	2	60 4961
2135	7.0	40.27	4.1875	.0949	62 20 24.5	18.027	.275	39.5	3	61 4003
2136	8.5	13 43 53.90	+4.2793	+0.1052	−64 6 56.1	−18.018	+0.281	40.5	2	63 2962
2137	8.5	54.71	4.1826	.0941	62 11 0.4	18.017	.275	41.0	2	61 4009
2138	8.4	44 0.91	4.1464	.0900	61 22 8.4	18.013	.272	40.8	2-3	60 4968
2139	7.9	22.65	4.2579	.1022	63 36 46.5	18.000	.280	41.0	2	63 2968
2140	8.2	26.56	4.1183	.0866	60 37 58.8	17.997	.272	38.4	2	60 4978
2141	8.0	13 44 41.49	+4.1175	+0.0863	−60 33 35.4	−17.987	+0.272	38.4	3	60 4984
2142	7.8	45 43.87	4.1851	.0927	61 51 18.3	17.947	.279	38.4	2	61 4041
2143	8.0	47.79	4.1253	.0862	60 30 14.5	17.945	.275	38.4	2	60 4998
2144	8.8	46 6.30	4.2352	.0979	62 48 55.7	17.933	.283	39.5	3	62 3628
2145	8.0	26.46	4.2002	.0937	62 1 37.7	17.919	.282	40.4	2	61 4046
2146	8.5	13 46 27.96	+4.2310	+0.0971	−62 39 29.8	−17.918	+0.284	40.5	2	62 3635
2147	8.5	31.20	4.2394	.0980	62 48 53.5	17.916	.284	39.7	4	62 3636
2148	8.7	55.90	4.2327	.0968	62 35 49.4	17.900	.285	40.5	2	62 3647
2149	8.3	47 39.47	4.2740	.1008	63 15 55.0	17.871	.290	41.0	2	62 3665
2150	8.5	45.44	4.1381	.0860	60 22 55.1	17.868	.281	38.4	2	60 5031

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2151	9.0	13h47m59s.22	+4s.1613	+0s.0882	−60°51′39″.2	−17″.858	+0″.283	38.4	3	60°5033
2152	8.0	48 48.45	4.2480	.0969	62 31 41.1	17.826	.290	38.4	2	62 3688
2153	8.3	50.58	4.2929	.1017	63 23 25.7	17.824	.294	38.4	2	63 3017
2154	7.5	57.60	4.2792	.1001	63 6 33.6	17.820	.293	39.5	3	62 3690
2155	8.3	59.10	4.2816	.1003	63 8 58.5	17.819	.293	41.1	3	62 3691
2156	8.0	13 49 22.64	+4.2510	+0.0966	−62 28 27.2	−17.803	+0.292	40.5	2	62 3703
2157	8.2	32.16	4.1870	.0896	61 6 33.3	17.797	.288	40.5	2	60 5056
2158	8.8	55.09	4.2033	.0910	61 22 59.2	17.781	.290	41.0	2	61 4102
2159	8.7	50 1.64	4.2055	.0911	61 24 25.4	17.777	.291	41.0	2	61 4105
2160	8.3	20.15	4.1794	.0881	60 46 51.1	17.764	.289	38.4	2	60 5062
2161	8.4	13 51 7.26	+4.2777	+0.0979	−62 39 28.9	−17.732	+0.298	38.4	2	62 3738
2162	8.9	8.40	4.2292	.0926	61 40 53.6	17.732	.295	38.4	3	61 4139
2163	7.8	12.26	4.2017	.0897	61 5 20.6	17.729	.293	38.4	2	60 5071
2164	8.6	43.57	4.2496	.0943	61 59 7.0	17.708	.298	39.5	3	61 4156
2165	8.8	52 10.30	4.2604	.0950	62 6 49.9	17.689	.299	40.4	2	61 4169
2166	8.8	13 52 21.73	+4.2205	+0.0907	−61 15 32.3	−17.681	+0.297	40.5	2	60 5093
2167	7.3	26.83	4.3442	.1039	63 38 48.5	17.678	.306	40.5	2	63 3053
2168	9.0	40.59	4.3285	.1019	63 19 14.1	17.669	.306	40.5	2	62 3755
2169	8.4	42.57	4.2102	.0893	60 58 18.4	17.667	.297	41.0	2	60 5096
2170	8.8	50.38	4.2282	.0911	61 19 37.6	17.662	.299	38.4	2	60 5097
2171	8.8	13 53 32.64	+4.1948	+0.0871	−60 28 20.7	−17.633	+0.298	38.4	3	60 5105
2172	7.5	47.06	4.2827	.0960	62 14 37.9	17.623	.305	38.4	2	61 4194
2173	6.0	54 0.47	4.3489	.1029	63 26 32.3	17.613	.310	38.4	2	63 3070
2174	8.0	55 6.03	4.3076	.0974	62 28 32.0	17.567	.309	40.4	2	62 3790
2175	8.8	10.01	4.2517	0.915	61 21 40.2	17.565	.306	39.5	3	60 5120
2176	8.5	13 55 29.94	+4.2550	+0.0916	−61 21 58.5	−17.551	+0.307	41.0	2	61 4222
2177	8.5	43.90	4.3002	.0961	62 13 3.7	17.541	.311	40.5	2	61 4224
2178	9.5	52.64	4.2770	.0936	61 44 9.4	17.535	.310	40.6	1	61 4229
2179	8.0	58.47	4.2098	.0866	60 19 27.1	17.531	.305	40.5	2	59 5324
2180	8.9	56 1.73	4.2775	.0934	61 43 4.0	17.528	.310	41.5	2	61 4232
2181	8.8	13 56 3.62	+4.2660	+0.0922	−61 28 51.1	−17.527	+0.309	38.4	3	61 4234
2182	8.3	7.13	4.2497	.0905	61 8 18.4	17.524	.308	38.4	2	60 5131
2183	8.0	28.12	4.3244	.0979	62 32 22.9	17.509	.314	38.4	2	62 3807
2184	8.7	52.55	4.2582	0.908	61 10 12.0	17.492	.310	38.4	2	60 5138
2185	7.2	57 50.40	4.3470	.0990	62 42 33.7	17.451	.319	39.5	3	62 3839
2186	7.5	13 58 2.89	+4.2903	+0.0930	−61 35 38.3	−17.442	+0.315	40.4	2	61 4270
2187	8.7	20.49	4.3104	.0948	61 55 52.3	17.429	.317	40.5	2	61 4274
2188	8.9	22.06	4.3525	.0992	62 42 52.1	17.428	.320	40.5	2	62 3847
2189	8.0	22.07	4.2420	.0879	60 33 7.3	17.428	.312	40.5	2	60 5151
2190	9.1	28.72	4.2429	.0879	60 33 2.3	17.423	.313	41.0	2	60 5153
2191	8.3	13 58 34.61	+4.3015	+0.0937	−61 43 0.5	−17.419	+0.317	38.4	2	61 4276
2192	8.2	59 9.87	4.3948	.1029	63 19 37.1	17.394	.326	38.4	3	62 3856
2193	8.8	30.90	4.2385	.0867	60 15 45.2	17.378	.315	38.4	2	59 5359
2194	8.8	51.94	4.4180	.1047	63 36 16.7	17.363	.329	38.4	2	63 3102
2195	8.8	14 0 48.67	4.4106	.1062	63 49 19.2	17.322	.333	39.4	3	63 3107
2196	9.2	14 0 56.80	+4.2807	+0.0897	−60 52 17.1	−17.316	+0.322	38.4	2	60 5172
2197	8.7	1 7.79	4.4636	.1083	64 8 41.5	17.307	.335	38.4	2	63 3111
2198	8.3	27.81	4.4271	.1041	63 29 2.8	17.293	.334	38.4	2	63 3114
2199	9.0	42.64	4.3605	.0970	62 16 5.9	17.282	.329	38.4	2	61 4317
2200	9.0	56.21	4.3988	.1007	62 54 58.9	17.271	.332	38.5	2	62 3895

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2201	9.0	14h 2m13s.06	+4s.3345	+0s.0940	−61°41'39".6	−17".259	+0".328	40.5	2	61°4321
2202	8.7	18.13	4.3248	.0929	61 29 39.7	17.256	.328	40.5	2	61 4322
2203	8.5	29.99	4.3153	.0918	61 16 33.0	17.247	.328	40.5	2	60 5182
2204	8.8	3 7.80	4.3668	.0964	62 8 9.5	17.219	.333	40.6	2	61 4332
2205	7.9	22.08	4.4298	.1027	63 12 26.0	17.208	.338	39.4	3	62 3920
2206	8.4	14 3 36.54	+4.4316	+0.1026	−63 11 50.9	−17.197	+0.339	38.4	2	62 3922
2207	8.6	50.67	4.3752	.0869	60 13 58.3	17.186	.328	38.4	2	59 5404
2208	8.3	52.16	4.3303	.0921	61 19 27.4	17.185	.332	38.4	2	60 5198
2209	8.0	4 18.93	4.3316	.0919	61 16 17.6	17.165	.333	38.4	2	60 5199
2210	8.3	24.44	4.2951	.0884	60 32 17.3	17.161	.331	40.5	2	60 5201
2211	6.8	14 4 31.33	+4.4273	+0.1013	−62 58 17.0	−17.156	+0.341	38.5	2	62 3941
2212	8.1	42.01	4.4091	.0993	62 37 34.6	17.148	.340	40.5	2	62 3946
2213	8.7	5 25.11	4.4279	.1006	62 49 55.3	17.115	.343	40.5	2	62 3954
2214	7.8	6 7.92	4.3006	.0876	60 20 42.9	17.083	.335	40.6	2	59 5431
2215	8.9	17.39	4.4207	.0991	62 33 44.5	17.076	.345	39.4	3	62 3967
2216	9.0	14 6 27.85	+4.3513	+0.0921	−61 16 28.8	−17.068	+0.338	38.4	2	60 5215
2217	9.0	49.93	4.3418	.0909	61 1 48.6	17.051	.340	38.4	2	60 5216
2218	8.0	7 2.29	4.4096	.0974	62 14 35.8	17.041	.345	38.4	2	61 4382
2219	7.8	7.21	4.4430	.1006	62 48 27.8	17.037	.348	38.4	2	62 3974
2220	9.2	23.36	4.3551	.0918	61 11 19.2	17.025	.342	38.5	2	60 5222
2221	8.6	14 7 28.19	+4.4512	+0.1011	−62 53 23.6	−17.021	+0.350	40.5	2	62 3978
2222	7.9	8 7.14	4.3944	.0949	61 47 29.3	16.991	.347	40.5	2	61 4403
2223	8.7	36.90	4.2838	.0841	59 34 11.5	16.968	.340	40.6	2	59 5449
2224	9.0	37.83	4.4865	.1035	63 17 12.8	16.967	.355	40.5	2	62 3986
2225	9.2	49.44	4.3148	.0868	60 9 45.9	16.958	.342	39.4	3	59 5451
2226	8.3	14 9 4.38	+4.4904	+0.1036	−63 16 51.0	−16.947	+0.357	38.4	2	62 3990
2227	9.2	8.31	4.3645	.0913	61 4 14.4	16.944	.347	38.4	2	60 5233
2228	8.5	23.45	4.5231	.1066	63 45 6.7	16.932	.360	38.4	2	63 3166
2229	8.9	57.61	4.4380	.0976	62 15 33.4	16.905	.355	38.4	2	61 4418
2230	8.8	10 9.88	4.3539	.0895	60 41 52.0	16.896	.349	38.5	2	60 5241
2231	8.2	14 10 20.25	+4.4265	+0.0962	−61 59 53.5	−16.887	+0.354	40.5	2	61 4421
2232	8.7	11 16.59	4.3800	.0910	61 0 20.6	16.843	.353	40.5	2	60 5248
2233	7.8	20.13	4.4061	.0934	61 28 26.0	16.840	.355	40.5	2	61 4431
2234	8.4	23.87	4.4037	.0932	61 25 12.8	16.837	.355	40.6	2	61 4433
2235	8.4	30.02	4.3752	.0904	60 52 42.8	16.832	.353	39.4	3	60 5251
2236	7.8	14 11 52.22	+4.4930	+0.1013	−62 52 53.1	−16.815	+0.364	38.4	2	62 4016
2237	8.4	53.58	4.4895	.1010	62 49 11.5	16.814	.363	38.4	2	62 4017
2238	7.8	12 13.22	4.4589	.0977	62 15 24.2	16.797	.362	39.4	3	61 4445
2239	8.3	45.79	4.4770	.0990	62 28 37.7	16.772	.365	38.4	2	62 4028
2240	8.7	46.69	4.4875	.1000	62 38 46.2	16.772	.365	38.4	2	62 4027
2241	8.8	14 12 54.65	+4.4436	+0.0957	−61 53 4.6	−16.765	+0.362	40.5	2	61 4456
2242	8.6	13 4.94	4.4591	.0970	62 7 28.7	16.757	.364	40.5	2	61 4457
2243	8.7	6.04	4.3932	.0908	60 57 9.5	16.756	.358	40.5	2	60 5262
2244	8.9	14 1.14	4.3800	.0889	60 33 27.0	16.712	.360	39.4	3	60 5273
2245	7.4	3.94	4.5327	.1033	63 10 56.4	16.710	.372	40.6	2	62 4039
2246	8.6	14 14 26.61	+4.5023	+0.1000	−62 38 8.2	−16.691	+0.370	38.4	2	62 4046
2247	7.8	40.10	4.5130	.1001	62 46 25.9	16.681	.369	38.4	2	62 4049
2248	8.9	46.06	4.3924	.0895	60 40 4.4	16.676	.362	38.4	2-3	60 5276
2249	8.0	15 31.34	4.3196	.0825	59 8 6.7	16.639	.358	38.5	2	58 5467
2250	8.2	32.29	4.3951	.0892	60 35 43.9	16.638	.364	38.4	2	60 5286

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2251	8.1	14h15m55s42	+4s3422	+0s0842	−59°31′22″2	−16″619	+0″361	40.5	2	59°5501
2252	6.3	16 10.35	4.4250	.0914	61 2 31.5	16.607	.368	40.5	2	60 5294
2253	8.1	27.09	4.4170	.0904	60 51 9.4	16.594	.368	40.5	2	60 5298
2254	8.3	41.24	4.4085	.0895	60 39 37.3	16.582	.368	40.6	2	60 5300
2255	8.5	54.50	4.3349	.0828	59 13 3.6	16.571	.362	39.4	3	58 5484
2256	8.5	14 17 16.79	+4.5117	+0.0985	−62 21 29.4	−16.553	+0.378	38.4	2	62 4074
2257	8.7	18 6.57	4.5552	.1018	62 55 49.7	16.512	.383	38.4	2	62 4083
2258	9.0	8.49	4.4181	.0893	60 36 32.5	16.510	.372	38.4	2	60 5317
2259	8.9	23.35	4.3949	.0870	60 8 29.5	16.498	.370	38.5	2	59 5524
2260	8.2	23.81	4.4867	.0953	61 46 25.0	16.498	.378	38.4	2	61 4497
2261	8.8	14 19 23.74	+4.5727	+0.1024	−63 0 55.4	−16.448	+0.388	40.5	2	62 4093
2262	8.6	54.52	4.5654	.1013	62 49 37.9	16.423	.388	40.5	2	62 4099
2263	8.7	20 2.32	4.4003	.0863	59 59 9.3	16.416	.375	40.6	2	59 5537
2264	8.7	15.20	4.4624	.0916	61 4 36.0	16.406	.381	40.6	2	60 5333
2265	8.0	47.57	4.4720	.0921	61 9 46.9	16.379	.383	39.4	3	60 5342
2266	8.4	14 20 53.99	+4.4833	+0.0930	−61 20 26.1	−16.373	+0.384	38.4	3	60 5344
2267	8.4	21 14.18	4.4873	.0931	61 21 30.4	16.355	.385	39.9	2	61 4524
2268	9.0	29.98	4.3293	.0792	58 22 19.7	16.343	.372	38.4	2	58 5523
2269	9.0	31.07	4.4744	.0917	61 5 38.6	16.342	.384	38.4	2	60 5353
2270	8.6	22 3.52	4.5690	.0998	62 34 21.7	16.315	.394	38.5	2	62 4118
2271	8.0	14 22 4.80	+4.4325	+0.0876	−60 16 7.4	−16.313	+0.388	40.5	2	59 5555
2272	9.0	10.59	4.4623	.0902	60 47 6.5	16.308	.385	40.5	2	60 5356
2273	8.6	23 10.49	4.4561	.0889	60 31 42.4	16.258	.387	40.5	2	60 5366
2274	7.5	18.90	4.3756	.0820	59 0 46.5	16.250	.380	39.4	3	58 5538
2275	9.4	20.77	4.4319	.0867	60 4 0.2	16.249	.385	40.6	2	59 5568
2276	7.7	14 23 41.72	+4.5336	+0.0953	−61 46 19.0	−16.231	+0.394	38.4	2	61 4547
2277	8.9	24 32.11	4.4328	.0859	59 54 18.5	16.188	.388	38.4	2	59 5587
2278	8.5	46.56	4.5563	.0965	61 59 8.0	16.175	.399	38.4	2	61 4556
2279	8.0	25 2.25	4.5093	.0921	61 10 31.6	16.162	.396	38.4	2	60 5379
2280	6.8	3.07	4.3873	.0818	58 58 27.3	16.161	.385	40.5	2	58 5549
2281	8.7	14 25 3.89	+4.3735	+0.0806	−58 42 16.7	−16.160	+0.384	40.5	2	58 5550
2282	8.3	6.63	4.4603	.0878	60 19 1.6	16.158	.392	38.5	2	59 5593
2283	9.0	31.42	4.5544	.0957	61 50 55.1	16.137	.401	40.5	2	61 4561
2284	8.6	26 5.30	4.5047	.0909	60 56 50.1	16.107	.398	40.6	2	60 5391
2285	8.1	16.15	4.4375	.0843	59 33 9.5	16.098	.391	38.4	2	59 5606
2286	8.8	14 26 16.49	+4.5548	+0.0951	−61 45 0.1	−16.098	+0.402	39.4	3	61 4567
2287	8.1	20.83	4.6122	.1002	62 38 20.1	16.094	.407	38.4	2	62 4152
2288	8.0	29.24	4.4644	.0872	60 11 17.1	16.086	.395	38.4	2	59 5607
2289	8.9	27 54.96	4.5019	.0893	60 38 16.8	16.012	.400	38.4	2	60 5413
2290	8.9	28 11.86	4.5720	.0951	61 45 27.8	15.997	.408	38.5	2	61 4584
2291	8.4	14 28 25.65	+4.6414	+0.1011	−62 47 38.8	−15.985	+0.415	40.5	2	62 4173
2292	9.3	35.69	4.6534	.1020	62 56 54.9	15.976	.416	40.5	2	62 4175
2293	8.6	43.65	4.4115	.0813	58 53 31.8	15.969	.395	40.5	2	58 5581
2294	9.2	29 26.72	4.4104	.0808	58 46 1.7	15.931	.397	40.6	2	58 5587
2295	7.7	55.56	4.4053	.0802	58 36 3.8	15.905	.398	38.4	2	58 5594
2296	8.9	14 30 1.04	+4.5806	+0.0945	−61 38 42.8	−15.900	+0.413	39.4	3	61 4602
2297	8.5	6.42	4.5166	.0890	60 34 54.4	15.896	.408	38.4	2	60 5429
2298	8.1	49.58	4.5802	.0938	61 31 45.2	15.857	.415	38.4	2	61 4610
2299	7.5	55.56	4.4651	.0842	59 33 56.4	15.852	.405	38.4	2	59 5633
2300	8.8	31 5.12	4.5874	.0942	61 36 26.7	15.843	.416	38.5	2	61 4612

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2301	6.8	14h31m31s.96	+4s.4828	+0s.0852	−59°47′48″.8	−15″.819	+0″.408	40.5	2	59°5642
2302	7.5	44.96	4.5425	.0900	60 47 24.3	15.808	.413	40.5	2	60 5437
2303	8.5	32 6.80	4.5335	.0889	60 35 22.4	15.788	.417	40.5	2	60 5443
2304	8.4	20.39	4.4570	.0826	59 13 15.1	15.776	.407	40.6	2	58 5617
2305	8.9	49.41	4.4526	.0819	59 4 24.9	15.750	.408	39.4	3	58 5620
2306	8.2	14 33 7.13	+4.5385	+0.0886	−60 32 12.3	−15.734	+0.416	38.4	2	60 5455
2307	7.6	19.77	4.6184	.0950	61 47 37.8	15.722	.424	38.4	2	61 4642
2308	9.0	29.14	4.5994	.0934	61 28 36.8	15.714	.423	38.4	2	61 4644
2309	9.0	51.35	4.5209	.0867	60 8 20.6	15.694	.417	38.4	2	59 5660
2310	8.5	58.39	4.4879	.0840	59 32 53.0	15.687	.414	38.5	2	59 5662
2311	8.4	14 34 20.97	+4.5125	+0.0857	−59 55 39.2	−15.667	+0.417	40.5	2	59 5665
2312	8.2	36.16	4.6649	.0981	62 19 49.5	15.653	.431	40.5	2	62 4213
2313	8.5	58.64	4.6953	.1004	62 43 35.2	15.632	.435	40.5	2	62 4216
2314	7.4	35 16.05	4.4630	.0811	58 55 26.0	15.617	.414	40.6	2	58 5644
2315	8.9	32.05	4.5090	.0846	59 42 20.3	15.602	.416	39.4	3	59 5673
2316	8.3	14 36 0.39	+4.4929	+0.0830	−59 21 37.6	−15.576	+0.419	38.4	2	59 5676
2317	9.0	7.30	4.5168	.0848	59 45 44.9	15.570	.421	38.4	2	59 5677
2318	8.7	18.57	4.5156	.0846	59 42 59.2	15.559	.422	38.4	2	59 5679
2319	9.0	32.86	4.5341	.0859	60 0 6.5	15.546	.424	38.4	2	59 5682
2320	8.0	49.57	4.4429	.0786	58 20 22.6	15.531	.416	40.5	2	58 5661
2321	8.6	14 37 6.30	+4.6465	+0.0946	−61 44 6.1	−15.515	+0.435	40.5	2	61 4663
2322	8.7	39.65	4.4899	.0817	59 5 0.2	15.485	.422	40.5	2	58 5667
2323	7.2	38 11.76	4.4563	.0788	58 24 6.9	15.455	.420	40.6	3	58 5672
2324	8.0	22.41	4.4439	.0777	58 8 46.9	15.445	.420	39.4	3	57 6744
2325	8.6	39 6.25	4.5461	.0846	59 52 3.4	15.404	.430	38.4	2	59 5696
2326	7.4	14 39 8.90	+4.6810	+0.0958	−61 59 39.4	−15.402	+0.443	38.4	2	61 4674
2327	7.3	9.19	4.4350	.0766	57 52 26.3	15.401	.420	39.5	2	57 6756
2328	7.3	25.89	4.4466	.0773	58 3 15.1	15.386	.422	38.4	2	57 6758
2329	8.6	26.25	4.4266	.0758	57 40 32.4	15.385	.420	38.4	3	57 6759
2330	8.7	40 4.67	4.4799	.0794	58 34 53.2	15.349	.426	40.5	2	58 5686
2331	8.9	14 40 33.59	+4.4974	+0.0804	−58 50 0.9	−15.322	+0.429	40.5	2	58 5692
2332	8.6	38.62	4.6748	.0942	61 43 0.5	15.318	.446	40.5	2	61 4679
2333	8.9	48.78	4.6948	.0957	61 59 26.4	15.308	.448	40.6	2	61 4681
2334	8.6	41 4.42	4.4934	.0798	58 41 39.5	15.293	.430	38.4	2	58 5696
2335	7.5	5.25	4.6516	.0920	61 18 37.7	15.293	.445	39.4	3	60 5502
2336	6.8	14 41 11.56	+4.4706	+0.0780	−58 15 57.0	−15.287	+0.428	38.4	2	57 6772
2337	8.3	43.70	4.5362	.0827	59 21 37.7	15.256	.435	38.4	2	59 5705
2338	8.9	42 13.21	4.6403	.0903	60 59 45.5	15.228	.446	38.4	2	60 5508
2339	9.2	37.16	4.6850	.0934	61 37 34.1	15.206	.451	38.5	2	61 4700
2340	8.9	41.81	4.5558	.0834	59 34 8.2	15.201	.439	40.5	2	59 5709
2341	8.1	14 42 47.52	+4.5715	+0.0846	−59 49 12.8	−15.196	+0.441	40.6	2	59 5710
2342	7.5	47.76	4.6616	.0916	61 15 8.5	15 195	.450	40.5	2	60 5511
2343	8.3	43 5.48	4.6255	.0885	60 39 23.0	15.179	.447	40.6	2	60 5513
2344	7.8	29.52	4.4440	.0747	57 28 4.6	15.156	.430	39.4	3	57 6785
2345	8.6	53.58	4.6789	.0921	61 22 46.9	15.133	.454	39.5-39.1	2-3	61 4708
2346	8.4	14 43 57.61	+4.6046	+0.0863	−60 12 54.9	−15.129	+0.447	38.4	2	59 5714
2347	8.3	44 42.00	4.7210	.0948	61 54 11.0	15.086	.460	38.4	2	61 4713
2348	9.0	46.27	4.6931	.0926	61 29 10.2	15.082	.457	38.4	2	61 4717
2349	7.5	45 13.61	4.4799	.0762	57 54 42.8	15.056	.437	38.5	2	57 6792
2350	8.9	23.77	4.5837	.0837	59 41 47.3	15.046	.448	40.5	2	59 5721

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2351	7.5	14ʰ45ᵐ26ˢ.18	+4ˢ.5544	+0ˢ.0815	−59°11′59″.3	−15″.044	+0″.445	40.5	2	58°.5719
2352	8.5	40.88	4.5742	.0828	59 30 14.4	15.030	.447	40.5	2	59 5724
2353	8.6	44.50	4.5405	.0803	58 55 26.2	15.026	.444	40.6	2	58 5724
2354	7.5	46 2.42	4.7475	.0960	62 7 24.9	15.009	.465	38.4	2	61 4725
2355	8.8	14.63	4.5559	.0811	59 7 29.2	14.997	.447	38.4	2	58 5725
2356	7.5	14 46 28.24	+4.5368	+0.0796	−58 46 11.5	−14.984	+0.446	38.4	2	58 5726
2357	8.9	47 4.75	4.5821	.0825	59 27 48.2	14.949	.451	38.4	2	59 5737
2358	8.6	25.92	4.7060	.0916	61 21 42.6	14.929	.466	38.4	2	61 4738
2359	8.2	31.83	4.5755	.0817	59 17 51.3	14.922	.452	40 5	2	58 5731
2360	8.0	36.74	4.6652	.0884	60 43 37.1	14.917	.460	38.5	2	60 5530
2361	8.9	14 47 51.18	+4.6392	+0.0862	−60 17 35.5	−14.903	+0.459	40.5	2	59 5739
2362	8.1	48 5.87	4.6307	.0854	60 7 45.5	14.889	.458	40.5	2	59 5740
2363	8.6	39.43	4.7159	.0915	61 21 49.4	14.856	.468	40.6	2	61 4744
2364	8.5	41.59	4.6382	.0848	60 1 3.6	14.854	.459	39.4	3	59 5741
2365	8.5	42.69	4.4686	.0734	57 15 37.5	14.853	.444	39.1	3	56 6466
2366	8.9	14 49 0.49	+4.6026	+0.0828	−59 33 59.2	−14.836	+0.454	38.4	2	59 5742
2367	8.0	7.51	4.6712	.0878	60 38 23.6	14.829	.464	38.4	2	60 5541
2368	8.4	21.64	4.6018	.0825	59 30 39.4	14.815	.458	39.5-39.2	2-3	59 5744
2369	9.0	27.01	4.6799	.0882	60 44 4.7	14.810	.466	38.5	2	60 5543
2370	8.6	54.43	4.6339	.0844	59 57 51.4	14.783	.462	40.5	2	59 5746
2371	8.5	14 50 18.75	+4.5605	+0.0789	−58 42 22.7	−14.759	+0.456	40.5	2	58 5742
2372	8.5	46.97	4.6295	.0836	59 47 29.6	14.731	.464	40.5	2	59 5749
2373	8.9	51 0.78	4.7011	.0887	60 52 23.2	14.717	.471	40.6	2	60 5558
2374	8.7	26.06	4.6677	.0859	60 18 56.6	14.692	.469	39.4	3	60 5560
2375	7.3	42.28	4.6437	.0840	59 54 35.5	14.677	.467	38.4	2	59 5753
2376	9.3	14 51 48.17	+4.5672	+0.0784	−58 38 25.3	−14.670	+0.460	38.4	2	58 5756
2377	7.0	52 2.35	4.6977	.0877	60 42 13.7	14.656	.473	38.4	2	60 5563
2378	8.0	18.77	4.7240	.0895	61 3 52.9	14.640	.476	38.4	2	60 5565
2379	8.8	35.28	4.6538	.0841	59 57 55.7	14.623	.470	38.5	2	59 5758
2380	9.1	45.85	4.5794	.0787	58 43 56.8	14.613	.463	40.5	2	58 5761
2381	8.1	14 53 15.00	+4.5396	+0.0757	−57 59 25.4	−14.584	+0.460	40.5	2	57 6846
2382	9.2	36.65	4.5627	.0775	58 20 57.7	14.562	.463	40.6	2	58 5765
2383	8.8	43.65	4.6023	.0797	59 0 11.7	14.555	.467	40.6	2	58 5767
2384	9.0	54 12.39	4.5220	.0739	57 33 54.9	14.525	.460	38.4	2	57 6850
2385	8.9	14.08	4.7367	.0891	61 2 2.7	14.524	.482	39.4	3	60 5574
2386	8.7	14 54 16.34	+4.7485	+0.0899	−61 12 7.0	−14.522	+0.483	38.4	2	60 5575
2387	8.3	53.65	4.5314	.0742	57 39 4.8	14.485	.463	38.4	2	57 6856
2388	8.2	55 19.14	4.7068	.0861	60 28 10.5	14.459	.481	38.4	2	60 5583
2389	8.9	27.29	4.5107	.0722	57 9 16.0	14.420	.463	38.5	2	56 6522
2390	8.6	56 5.30	4.5137	.0723	57 11 32.5	14.419	.463	40.5	2	56 6523
2391	8.4	14 56 9.30	+4.5666	+0.0758	−58 7 6.1	−14.408	+0.469	40.5	2	57 6866
2392	8.6	18.77	4.6046	.0783	58 44 34.7	14.399	.473	40.5	2	58 5777
2393	8.8	27.02	4.5680	.0757	58 6 28.1	14.390	.469	40.6	2	57 6871
2394	8.5	27.75	4.5017	.0713	56 55 50.5	14.389	.463	38.4	2	56 6528
2395	7.9	50.49	4.6621	.0819	59 36 46.5	14.366	.480	38.4	2	59 5773
2396	9.1	14 56 53.06	+4.6952	+0.0842	−60 7 15.2	−14.364	+0.484	38.4	2	59 5774
2397	9.7	57 29.03	4.5823	.0760	58 14 1.2	14.327	.473	38.5	1	57 6875
2398	9.0	42.61	4.6576	.0810	59 26 35.3	14.313	.481	38.4	2	59 5778
2399	9.0	48.54	4.5730	.0752	58 2 20.0	14.307	.473	38.4	2	57 6879
2400	9.0	58 17.40	4.5875	.0759	58 13 52.0	14.278	.475	39.5	2	57 6882

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2401	9.0	14ʰ58ᵐ26ˢ56	+4ˢ6931	+0ˢ0831	−59°54′57″5	−14″268	+0″486	40.5	2	59°5782
2402	8.4	37.78	4.4883	.0692	56 25 39 0	14.257	.466	40.5	2	56 6545
2403	8.8	52.52	4.5208	.0712	56 59 48 4	14.242	.470	40.6	2	56 6548
2404	8.3	59 8.26	4.5615	.0736	57 41 15.9	14.226	.474	40.6	2	57 6887
2405	8.8	13.89	4.5822	.0750	58 2 1.0	14.220	.477	40.0	6	57 6890
2406	8.4	14 59 29.04	+4.5008	+0.0696	−56 33 40.7	−14.204	+0.469	38.4	2	56 6553
2407	8.4	15 0 1.08	4.7519	.0862	60 37 31.8	14.171	.496	38.4	2	60 5607
2408	9.2	33.62	4.6505	.0788	59 0 54.9	14.138	.487	38.4	2	58 5797
2409	7.4	36.97	4.5167	.0700	56 43 19.9	14.134	.473	38.5	2	56 6567
2410	9.0	38.14	4.7250	0.858	60 9 38.1	14.133	.494	38.4	2	59 5795
2411	7.6	15 0 40.82	+4.5610	+0.0728	−57 30 13.8	−14.130	+0.478	40.5	2	57 6900
2412	8.8	52.22	4.6898	.0813	59 36 1.8	14.118	.492	40.6	3	59 5798
2413	8.2	1 1.42	4.7545	.0856	60 33 22.5	14.109	.498	40.6	2	60 5620
2414	8.7	15.85	4.7370	.0842	60 16 21.4	14.094	.497	38.6	2	59 5801
2415	8.6	2 29.36	4.6861	.0800	59 22 5.9	14.018	.494	38.6	2	59 5808
2416	8.9	15 2 49.15	+4.5252	+0.0693	−56 37 41.8	−13.997	+0.478	39.5	3	56 6576
2417	9.4	3 2.73	4.7404	.0833	60 8 9.0	13.983	.501	38.5	3	59 5811
2418	8.6	6.68	4.5601	.0714	57 12 58.7	13.979	.482	38.5	2	56 6579
2419	8.0	25.39	4.5638	.0714	57 14 49.3	13.959	.483	39.6	4	56 6582
2420	8.5	30.19	4.7714	.0853	60 35 4.7	13.954	.506	38.6	3	60 5634
2421	8.8	15 3 53.29	+4.6847	+0.0790	−59 11 52.9	−13.930	+0.497	38.5	2	58 5815
2422	7.1	54.79	4.8021	.0870	60 56 12.4	13.928	.509	40.5	2	60 5637
2423	8.6	4 17.66	4.7252	.0814	59 46 37.4	13.904	.502	40.5	2	59 5821
2424	8.7	19.36	4.7243	.0814	59 45 37.1	13.902	.502	40.6	3	59 5823
2425	8.3	23.06	4.6448	.0761	58 30 28.9	13.899	.494	40.6	2	58 5820
2426	8.4	15 4 30.00	+4.6454	+0.0761	−58 30 22.3	−13.891	+0.494	38.6	2	58 5821
2427	8.0	59.00	4.6764	.0778	58 57 4.1	13.861	.498	38.6	2	58 5825
2428	9.1	5 1.30	4.6434	.0756	58 25 4.3	13.858	.495	38.5	3	58 5826
2429	9.0	2.57	4.7715	.0841	60 22 59.8	13.857	.508	39.5	3	60 5643
2430	8.9	25.36	4.7289	.0810	59 42 50.7	13.833	.505	38.5	2	59 5829
2431	8.6	15 5 28.04	+4.5723	+0.0708	−57 10 19.3	−13.830	+0.488	39.6	4	56 6594
2432	8.6	34.62	4.5561	.0698	56 52 34.8	13.823	.487	38.5	2	56 6596
2433	9.3	52.98	4.6907	.0782	59 4 49.1	13.804	.502	38.5	2	58 5832
2434	9.0	6 18.54	4.6818	.0773	58 53 44.7	13.777	.501	40.6	3	58 5833
2435	8.8	19.90	4.6099	.0727	57 43 19.7	13.775	.494	40.5	2	57 6922
2436	8.5	15 6 39.28	+4.5665	+0.0698	−56 56 33.2	−13.755	+0.490	40.6	3	56 6604
2437	8.3	45.88	4.7516	.0816	59 54 57.5	13.748	.510	40.5	3	59 5837
2438	8.9	7 21.07	4.7089	.0784	59 12 36.8	13.711	.507	38.6	2	58 5839
2439	8.3	32.72	4.6181	.0725	57 43 55.7	13.698	.497	38.6	2	57 6930
2440	8.6	39.38	4.7123	.0784	59 13 54.2	13.691	.508	39.5	3	58 5841
2441	9.1	15 7 45.46	+4.7315	+0.0796	−59 30 46.1	−13.684	+0.510	38.5	3	59 5846
2442	8.8	47.31	4.7352	.0799	59 34 0.2	13.683	.510	38.5	2	59 5847
2443	8.9	8 15.63	4.7235	.0788	59 20 27.5	13.652	.510	38.5	2	59 5850
2444	9.2	31.95	4.6319	.0741	58 11 7.8	13.635	.503	39.6	4	57 6937
2445	8.2	40.85	4.7640	.0812	59 54 13.5	13.625	.515	38.5	2	59 5851
2446	8.9	15 8 44.78	+4.5424	+0.0672	−56 17 23.3	−13.621	+0.491	40.5	2	56 6626
2447	8.8	51.66	4.5687	.0687	56 44 40.1	13.614	.495	40.6	2	56 6627
2448	9.1	59 43	4.7268	.0786	59 19 1.8	13.605	.512	40.5	2	59 5855
2449	9.2	9 0.34	4.7458	.0798	59 36 5.7	13.604	.514	40.6	2	59 5854
2450	9.0	4.58	4.6497	.0736	58 5 39.6	13.600	.504	38.6	2	57 6943

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2451	8.8	15h 9m48s61	+4s5713	+0s0684	−56°41′22″8	−13″553	+0″497	38.6	2	56°6634
2452	9.2	10 5.03	4.6772	.0748	58 26 2.0	13.535	.509	39.5	3	58 5855
2453	8.8	23.87	4.6730	.0743	58 20 2.2	13.515	.509	38.5	3	58 5858
2454	7.8	32.16	4.7526	.0792	59 32 55.8	13.506	.518	38.5	2	59 5865
2455	8.6	40.92	4.7593	.0796	59 38 3.8	13.496	.519	39.6	4	59 5866
2456	8.6	15 10 43.65	+4.5315	+0.0655	−55 52 50.3	−13.494	+0.494	38.5	2	55 6439
2457	8.5	44.87	4.7590	.0795	59 37 25.7	13.492	.518	38.5	2	59 5867
2458	9.4	51.66	4.5980	.0694	57 2 35.4	13.485	.502	40.5	2	56 6642
2459	8.1	11 22.24	4.6577	.0728	57 59 16.1	13.452	.509	40.5	2	57 6960
2460	8.1	27.31	4.7152	.0765	58 53 23.2	13.446	.516	40.6	3	58 5866
2461	8.4	15 11 34.89	+4.5482	+0.0661	−56 5 37.1	−13.438	+0.498	40.6	2	55 6447
2462	8.7	51.60	4.7270	.0768	59 1 54.0	13.421	.518	38.6	2	58 5870
2463	8.0	58.33	4.5922	.0685	56 49 44.6	13.415	.503	39.5	3	56 6651
2464	8.6	59.72	4.5809	.0678	56 37 50.9	13.411	.502	38.6	2	56 6652
2465	8.6	12 7.56	4.5517	.0660	56 5 57.9	13.403	.499	38.5	3	55 6456
2466	9.0	15 12 42.91	+4.6192	+0.0697	−57 12 46.6	−13.364	+0.507	38.5	1	56 6658
2467	8.7	55.06	4.6193	.0696	57 11 42.4	13.351	.508	38.6	2	56 6661
2468	8.4	13 6.64	4.7745	.0790	59 37 13.2	13.339	.525	38.5	2	59 5881
2469	8.9	18.04	4.6010	.0683	56 50 42.8	13.326	.507	39.4	5	56 6667
2470	7.8	26.39	4.6828	.0731	58 11 3.6	13.317	.516	38.5	2	57 6980
2471	5.2	15 13 34.91	+4.7111	+0.0748	−58 36 56.7	−13.308	+0.519	40.5	2	58 5875
2472	8.1	47.14	4.5246	.0636	55 26 6.6	13.294	.499	40.6	3	55 6473
2473	8.6	14 2.01	4.7048	.0741	58 28 24.6	13.278	.519	40.5	2	58 5878
2474	8.6	23.90	4.7095	.0742	58 30 39.2	13.254	.521	40.6	2	58 5880
2475	7.5	15 4.92	4.6421	.0698	57 21 33.1	13.209	.514	38.6	2	57 6995
2476	9.6	15 15 46.30	+4.7573	+0.0763	−59 6 27.0	−13.164	+0.528	38.6	2	58 5886
2477	8.9	16 16.48	4.6149	.0675	56 46 59.0	13.131	.514	39.5	3	56 6695
2478	8.3	19.57	4.7917	.0781	59 33 48.0	13.127	.533	38.5	2	59 5912
2479	7.6	20.26	4.6410	.0690	57 13 0.4	13.127	.517	38.5	2	56 6696
2480	8.0	32.40	4.7794	.0772	59 21 47.8	13.113	.532	38.5	2	59 5917
2481	7.4	15 16 53.36	+4.5707	+0.0647	−55 57 8.5	−13.090	+0.510	39.6	4	55 6509
2482	8.6	17 2.98	4.5807	.0652	56 6 49.5	13.080	.511	38.5	2	55 6510
2483	7.9	18 7.40	4.6365	.0678	56 57 58.6	13.008	.520	40.5	2	56 6712
2484	8.2	12.44	4.7442	.0740	58 40 41.9	13.003	.532	40.5	2	58 5896
2485	8.4	20.90	4.7643	.0752	58 58 5.8	12.993	.534	40.6	3	58 5897
2486	7.8	15 18 37.16	+4.7673	+0.0752	−58 59 14.1	−12.975	+0.535	39.9	3	58 5900
2487	7.8	44.72	4.7665	.0751	58 57 51.5	12.967	.535	39.9	3	58 5901
2488	9.2	57.37	4.7487	.0738	58 40 30.3	12.952	.534	38.6	2	58 5904
2489	5.3	19 22.62	4.7825	.0756	59 8 32.7	12.925	.538	39.5	3	58 5908
2490	8.0	36.72	4.7062	.0710	57 57 24.3	12.909	.530	38.5	2	57 7031
2491	9.9	15 19 47.64	+4.7075	+0.0709	−57 57 21.6	−12.897	+0.529	38.5	1	57 7033
2492	7.7	57.19	4.6584	.0680	57 9 11.9	12.886	.526	38.5	2	56 6729
2493	8.6	20 3.24	4.7963	.0760	59 16 58.8	12.879	.541	38.5	2	59 5953
2494	8.5	10.83	4.6206	.0658	56 29 54.6	12.871	.522	39.6	4	56 6732
2495	8.3	21.43	4.6230	.0658	56 31 20.3	12.859	.522	38.5	2	56 6735
2496	9.2	15 20 59.35	+4.5344	+0.0606	−54 53 23.5	−12.816	+0.514	40.5	2	54 6488
2497	8.5	21 51.52	4.6673	.0674	57 7 4.0	12.758	.526	40.6	2	56 6745
2498	7.6	51.65	4.6504	.0665	56 50 19.0	12.758	.528	40.5	2	56 6746
2499	8.9	22 16.97	4.6059	.0638	56 2 37.0	12.729	.524	38.6	2	55 6550
2500	9.0	19.91	4.6868	.0683	57 23 25.2	12.726	.533	40.6	2	57 7044

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2501	9.0	15h22m33.26	+4.7135	+0.0697	−57°47'47.3	−12.711	+0.537	38.6	2	57°7046
2502	7.8	23 3.61	4.5428	.0601	54 50 35.1	12.677	.518	39.5	3	54 6506
2503	8.0	31.80	4.6810	.0674	57 11 6.8	12.645	.535	38.5	2	56 6754
2504	8.5	36.91	4.6603	.0661	56 50 21.6	12.639	.532	38.5	2	56 6755
2505	9.1	37.80	4.7581	.0716	58 23 12.2	12.638	.544	38.5	2	58 5934
2506	8.3	15 23 51.66	+4.5904	+0.0622	−55 37 22.0	−12.622	+0.525	38.5	2	55 6563
2507	8.2	55.05	4.6832	.0673	57 11 11.4	12.619	.536	39.6	4	56 6757
2508	9.0	24 2.61	4.6330	.0645	56 20 40.3	12.610	.530	40.5	2	56 6760
2509	8.6	6.89	4.7345	.0700	57 58 54.1	12.605	.542	40.5	2	57 7057
2510	8.0	16.86	4.7586	.0713	58 20 8.1	12 594	.545	40.6	2	58 5943
2511	8.2	15 24 31.48	+4.5486	+0.0597	−54 43 39.9	−12 577	+0.522	38.6	2	54 6521
2512	8.8	35.19	4.7606	.0712	58 20 16.3	12.573	.546	40.6	2	58 5947
2513	9.0	44.31	4.7147	.0686	57 36 49.9	12.563	.541	38.6	2	57 7061
2514	8.0	44.33	4.6181	.0633	56 1 21.6	12.563	.530	39.5	3	55 6569
2515	8.7	48.93	4.6694	.0660	56 52 40.7	12.557	.536	38.5	2	56 6765
2516	8.0	15 25 9.22	+4.5877	+0.0614	−55 27 17.5	−12.535	+0.527	38.5	2	55 6572
2517	7.0	34.23	4.7559	.0704	58 10 43.2	12.506	.547	39.6	4	57 7066
2518	7.9	38.04	4.6861	.0665	57 4 30.9	12.502	.539	38.5	2	56 6768
2519	8.7	26 1.65	4.6357	.0635	56 12 12.1	12.475	.534	38.5	2	55 6581
2520	8.0	36.24	4.7461	.0692	57 56 10.9	12.435	.548	40.5	2	57 7070
2521	8.2	15 27 4.78	+4.7092	+0.0670	−57 18 56.3	−12.402	+0.544	40.5	2	57 7072
2522	8.3	34.87	4.6188	.0618	55 46 23.7	12.369	.535	40.6	2	55 6593
2523	8.6	28 1.24	4.6241	.0619	55 49 28.8	12.338	.536	40.6	2	55 6599
2524	8.1	5.52	4.5332	.0572	54 11 31.4	12.333	.526	38.6	2	53 6544
2525	8.6	32.09	4.6165	.0613	55 38 47.7	12.302	.536	38.6	2	55 6603
2526	8.7	15 28 37.54	+4.5553	+0.0581	−54 33 1.3	−12.296	+0.530	38.5	2	54 6559
2527	7.8	46.37	4.7138	.0663	57 14 19.3	12.286	.548	39.5	3	56 6787
2528	8.9	29 5.53	4.7399	.0675	57 37 14.0	12.264	.552	38.5	2	57 7082
2529	8.8	5.78	4.7662	.0690	58 1 28.3	12.263	.555	38.5	2	57 7081
2530	8.8	6.24	4.5674	.0585	54 43 36.0	12.263	.532	39.6	4	54 6563
2531	8.7	15 29 10.28	+4.7669	+0.0690	−58 1 45.4	−12.258	+0.555	38.5	2	57 7083
2532	8.7	24.16	4.5624	.0581	54 36 32.6	12.242	.531	40.5	2	54 6567
2533	8.0	30 26.81	4.7022	.0648	56 54 19.8	12.171	.549	40.5	2	56 6795
2534	8.3	36.16	4.6691	.0620	56 21 7.8	12.160	.546	40.6	2	56 6796
2535	8.6	31 3.29	4.6246	.0604	55 33 37.5	12.128	.542	40.6	2	55 6621
2536	8.0	15 31 8.92	+4.7005	+0.0643	−56 49 2.8	−12.122	+0.551	38.6	2	56 6798
2537	8.2	29.31	4.7296	.0656	57 15 3.3	12.098	.555	38.6	2	56 6802
2538	9.2	29.88	4.7661	.0676	57 49 1.6	12.098	.559	39.5	3	57 7098
2539	8.8	48.72	4.7519	.0666	57 34 17.7	12.076	.558	38.5	2	57 7102
2540	8.3	51.28	4.6994	.0638	56 44 17.3	12.073	.552	38.5	2	56 6810
2541	8.5	15 31 52.56	+4.5720	+0.0574	−54 33 33.9	−12.071	+0.537	39.6	4	54 6583
2542	9.0	32 13.73	4.6383	.0606	55 41 32.8	12 046	.545	38.5	2	55 6631
2543	8.0	30.64	4.7098	.0640	56 50 56.2	12.027	.554	38.5	2	56 6816
2544	8.9	54.37	4.7564	.0660	57 27 21.4	11.999	.560	40.5	2	57 7106
2545	8.4	33 24.68	4.5670	.0564	54 19 55.5	11.964	.539	40.5	2	54 6599
2546	7.9	15 33 29.20	+4.5658	+0.0563	−54 18 18.3	−11.958	+0.539	40.6	2	54 6601
2547	8.2	37.46	4.5607	.0560	54 11 58.5	11.949	.539	40.6	2	53 6592
2548	6.8	34 12.83	4.5722	.0563	54 21 29.3	11.907	.541	38.6	2	54 6607
2549	9.0	15.93	4.7358	.0644	57 6 43.1	11.904	.560	38.6	2	56 6827
2550	8.8	34.67	4.6486	.0599	55 39 47.1	11.882	.551	39.9	3	55 6649

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2551	8.5	15h34m37s.05	+4s.6129	+0s.0581	−55° 2′42″.9	−11″.879	+0″.546	38.5	2	54°6610
2552	8.1	58.58	4.7674	.0657	57 32 35.1	11.854	.565	38.5	2	57 7121
2553	8.2	35 22.64	4.6254	.0584	55 11 51.3	11.825	.549	38.5	2	54 6616
2554	6.5	42.54	4.6309	.0585	55 15 53.4	11.802	.550	39.2	3	55 6635
2555	7.0	36 14.00	4.7234	.0628	56 45 9.5	11 765	.562	38.5	2	56 6842
2556	9.4	15 36 14.33	+4.7786	+0.0656	−57 36 38.8	−11.764	+0.569	40.5	2	57 7132
2557	8.2	20.87	4.7382	0.635	56 58 39.0	11.757	.564	40.5	2	56 6843
2558	8.2	57.83	4.6177	.0572	54 55 44.6	11.713	.551	40.6	2	54 6629
2559	6.0	37 43.50	4.5278	0526	53 13 51.6	11.659	.542	38.6	2	52 8732
2560	8.4	47.84	4.6814	.0599	55 56 24.3	11.654	.560	40.6	2	55 6668
2561	9.0	15 38 26.00	+4.7505	+0.0630	−56 59 55.6	−11.609	+0.569	38.6	2	56 6859
2562	7.5	39 37.13	4.6943	.0596	56 0 12.0	11.524	.565	39.5	3	55 6676
2563	7.0	40.55	4.7761	.0636	57 17 37.9	11.520	.575	38.5	2	57 7163
2564	8.0	40 18.38	4 7574	.0624	56 57 17.8	11.474	.574	38.5	2	56 6872
2565	7.5	20.51	4.6981	.0595	56 0 27.3	11.472	.566	38.5	2	55 6679
2566	8.1	15 40 26.42	+4.5909	+0.0543	−54 9 47.5	−11.465	+0.554	39.6	4	53 6667
2567	9.0	41.37	4.5891	.0541	54 6 36.9	11.447	.554	38.5	2	53 6672
2568	8.6	50.52	4.7409	.0612	56 39 14.3	11.436	.572	40.5	2	56 6874
2569	8.4	53.67	4.6619	.0574	55 21 40.3	11.432	.563	40.5	2	55 6681
2570	7.9	55.56	5.6375	.0563	54 56 36.1	11.430	.560	40.6	2	54 6654
2571	9.1	15 41 3.52	+4.6080	+0.0548	−54 25 1.0	−11.420	+0.557	40.6	2	54 6655
2572	8.9	5.58	4.5971	.0543	54 13 13.8	11.418	.556	38.6	2	53 6674
2573	8.0	5.97	4.7484	.0615	56 45 7.6	11.418	.574	38.6	2	56 6876
2574	8.6	38.76	4.6949	.0586	55 51 1.1	11.378	.568	39.5	3	55 6687
2575	7.9	44.40	4 6935	.0585	55 49 8.7	11.371	.568	38.5	2	55 6689
2576	8.0	15 41 48.33	+4.5488	+0.0518	−53 16 55.2	−11.367	+0.551	38.5	2	53 6681
2577	8.4	49.31	4.7240	.0599	56 18 28.3	11.365	.572	38.5	2	56 6880
2578	8.5	51.74	4.5436	.0515	53 10 50.1	11.362	.550	39.6	4	52 8831
2579	8.6	42 16.39	4.5822	.0531	53 51 20.4	11.333	.556	38.5	2	53 6685
2580	9.1	57.36	4.6528	.0560	55 2 30.0	11.284	.565	40.5	2	54 6668
2581	8.1	15 43 13.23	+4.5258	+0.0502	−52 44 0.0	−11.265	+0.550	40.5	2	52 8869
2582	8.7	46.07	4.6977	.0577	55 43 40.2	11.225	.572	40.6	2	55 6704
2583	8.3	44 12 61	4.7421	.0596	56 24 29.7	11.193	.578	40.6	2	56 6900
2584	8.4	38.82	4.7791	.0611	56 57 3.7	11.161	.583	38.6	2	56 6903
2585	7.9	56.30	4.6158	.0534	54 14 33.7	11.140	.564	38.6	3	54 6687
2586	7.8	15 45 1.26	+4.7404	+0.0591	−56 19 5.1	−11.134	+0.579	39.5	3	56 6908
2287	8.0	3.63	4.6170	.0533	54 15 11.1	11.130	.564	39.9	3	54 6692
2588	8.6	29.15	4.6880	.0564	55 25 58.5	11.100	.574	38.5	2	55 6719
2589	8.9	34.27	4.7695	.0601	56 43 59.4	11.094	.584	38.5	2	56 6912
2590	8.0	39.24	4.5364	.0496	52 44 17.3	11.088	.556	38.5	2	52 8927
2591	8.4	15 45 44.88	+4.5327	+0.0494	−52 39 37.9	−11.081	+0.555	38.5	2	52 8928
2592	7.6	46 0.20	4.5207	.0488	52 24 42.3	11.062	.554	40.5	2	52 8937
2593	9.4	9.47	5.7116	.0572	55 46 7.9	11.051	.578	40.5	2	55 6721
2594	6.8	18.65	4.5563	.0502	53 3 27.7	11.040	.559	40.6	2	52 8944
2595	8.0	25.40	4.5305	.0490	52 33 49.6	11.032	.556	40.6	2	52 8949
2596	8.9	15 46 44.22	+4.5209	+0.0485	−52 21 25.5	−11.009	+0.555	38.6	2	52 8959
2597	8.5	59.74	4.6393	.0535	54 29 29.7	10.990	.570	38.6	2	54 6709
2598	7.0	47 12.78	4 6645	.0545	54 54 18.0	10.974	.574	39.5	3	54 6711
2599	8.9	29.76	4.5680	.0502	53 10 45.0	10.953	.563	39.6	4	52 8983
2600	9.0	30.26	4.5415	.0491	52 41 12.5	10.953	.555	38.5	2	52 8984

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2601	8.6	15h48m 4s87	+4s7477	+0s0577	−56°12′ 7″2	−10″910	+0″585	38.5	2	55°6755
2602	8.9	39.39	4.7011	.0554	55 24 24.8	10.868	.580	38.6	2	55 6741
2603	9.0	47.38	4.7622	.0581	56 22 35.1	10.858	.588	38.5	1	56 6959
2604	8.6	48.77	4.5795	.0501	53 17 18.6	10.857	.566	38.5	2	53 6724
2605	8.4	50.76	4.6246	.0520	54 5 34.6	10.854	.571	40.5	2	53 6723
2606	8.7	15 48 59.73	+4 5208	+0.0476	−52 10 33.8	−10.843	+0.559	40.6	3	51 9583 Co.D.
2607	8.6	49 4.13	4.6012	.0509	53 39 37.8	10.838	.569	40.6	2	53 6726
2608	8.2	7.57	4.6075	.0513	53 46 8.5	10.834	.570	40.6	2	53 6728
2609	8.4	34.65	4.6250	.0517	54 3 13.7	10.800	.573	38.6	2	53 6732
2610	8.8	37.42	4.6232	.0516	54 0 33.5	10.797	.572	38.6	2	53 6736
2611	8.0	15 49 55.11	+4.7517	+0.0571	−56 7 39.5	−10.775	+0.588	39.5	3	55 6756
2612	7.7	50 11.44	4.5016	.0463	51 42 45.3	10.755	.588	38.5	2	51 9599 Co.D.
2613	7.4	23.95	4.5943	.0500	53 26 6.5	10.740	.570	38.5	2	53 6753
2614	8.9	26 21	4.6956	.0544	55 10 54.2	10.737	.582	38.5	2	54 6759
2615	8.2	51 6.00	4.5918	.0501	53 20 13.3	10.688	.571	38.5	2	53 6766
2616	8.9	15 51 12.77	+4.5733	+0.0488	−52 59 30.9	−10.680	+0.569	38.5	2	52 9067
2617	8.4	23.38	4.5652	.0484	52 49 46.7	10.666	.568	40.5	2	52 9070
2618	8.6	29.21	4.5477	.0476	52 29 45.2	10.659	.566	40.5	2	52 9072
2619	9.2	30.43	4.6020	.0504	53 29 20.9	10.657	.572	38.6	1	53 6778
2620	8.7	36.15	4.7272	.0552	55 36 44.7	10.651	.588	40.6	2	55 6798
2621	8.5	15 51 53.23	+4 5035	+0.0457	−51 37 10.8	−10.630	+0.561	40.6	2	51 9620 Co.D.
2622	8.9	52 1.77	4.5886	.0491	53 12 36.5	10.619	.572	38.6	2	52 9084
2623	9.0	6.75	4.6037	.0497	53 28 28.2	10.613	.574	38.6	2	53 6791
2624	8.6	11.20	4.6808	.0528	54 48 25.7	10.607	.583	39.5	3	54 6802
2625	8.5	14.20	4.5673	.0481	52 48 12.2	10.604	.569	38.5	2	52 9087
2626	7.9	15 52 52.24	+4.6163	+0.0498	−53 38 39.5	−10.557	+0.577	38.5	2	53 6824
2627	8.2	58.08	4.7487	.0554	55 51 30.1	10.551	.593	38.5	2	55 6823
2628	8.7	59.73	4.5478	.0470	52 23 1.7	10 547	.568	39.6	4	52 9102
2629	9.1	53 16.53	4.5423	.0467	52 15 34.4	10.526	.568	38.5	2	52 9105
2630	9.0	20.79	4.6170	.0497	53 37 12.3	10.521	.577	40.5	2	53 6842
2631	8.7	15 53 21.64	+4.4965	+0.0448	−51 22 18.1	−10 520	+0.562	40.6	2	51 9638 Co.D.
2632	8.5	25.58	4.6612	.0515	54 23 2.6	10.515	.583	40.5	2	54 6837
2633	8.0	31.34	4 6502	.0510	54 11 17.7	10.508	.582	40.6	2	53 6845
2634	8.8	57.79	4.6556	.0510	54 14 56.7	10.475	.583	38.6	2	54 6849
2635	7.8	54 0.14	4.6193	.0495	53 36 49.0	10.472	.578	38.6	2	53 6860
2636	8.4	15 54 21.31	+4.6543	+0.0508	−54 11 55.1	−10.446	+0 583	39.5	3	53 6868
2637	8.9	29.48	4.5792	.0476	52 51 22.9	10 436	.574	38.5	2	52 9116
2638	8.0	46 10	4.6776	.0515	54 33 53.3	10.415	.587	38.5	2	54 6868
2639	8.7	47.92	4.5670	.0470	52 36 28.9	10.413	.573	39.6	4	52 9124
2640	8.6	48.15	4.6399	.0500	33 54 58.0	10.413	.582	38.5	2	53 6882
2641	8.3	15 54 49.43	+4 5153	+0.0450	−51 37 42.4	−10.411	+0.567	38.5	2	51 9657 Co.D.
2642	8.6	55 3.80	4.6412	.0499	53 55 16.5	10 393	.583	40.5	2	53 6888
2643	8.9	6.98	4.5870	.0477	52 57 5.8	10.389	.576	40.5	2	52 9128
2644	9.0	21.94	4.6190	.0488	53 30 34.3	10.370	.581	40.6	2	53 6896
2645	8.8	32.83	4.6729	.0510	54 25 45.5	10.357	.587	40.6	2	54 6889
2646	6.0	15 56 1.33	+4 6428	+0.0495	−53 52 45.8	−10.321	+0.584	38.6	2	53 6911
2647	7.8	10.13	4.6337	.0491	53 42 34.7	10.310	.584	38.6	2	53 6916
2648	9.0	21 24	4.5514	.0458	52 13 13.3	10.296	.574	38.5	2	51 9684 Co.D.
2649	8.9	27.01	4.6693	.0504	54 18 16.4	10 289	.589	39.5	3	54 6907
2650	9.0	37.82	4.6066	.0478	53 11 51.6	10.276	.581	38.5	2	52 9149

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	C. P. D.
2651	7.2	15h57m11ṣ96	+4ṣ6802	+0ṣ0503	−54°26′13″3	−10″233	+0″591	38.5	2	54°6922
2652	9.0	12.32	4.5765	.0464	52 36 33.1	10.232	.578	38.5	2	52 9162
2653	9.0	20.25	4.5786	.0464	52 38 19.1	10.222	.578	39.6	4	52 9164
2654	7.8	42.58	4.6569	.0493	54 0 12.8	10.195	.589	40.5	2	53 6947
2655	8.6	56.63	4.6266	.0480	53 27 29.9	10.177	.585	40.5	2	53 6953
2656	8.5	15 58 8.67	+4.5685	+0.0457	−52 23 41.6	−10.162	+0.578	40.6	2	52 9175
2657	8.9	16.34	4.6147	.0474	53 13 32.2	10.152	.584	40.6	2	53 6970
2658	6.7	19.15	4.4952	.0429	50 58 53.5	10.149	.569	38.6	2	50 10074 Co.D.
2659	8.4	53.66	4.6208	.0474	53 17 25.3	10.105	.586	38.6	2	53 6978
2660	9.0	59 27.24	4.7072	.0505	54 43 50.7	10.063	.598	39.5	3	54 6966
2661	9.1	15 59 45.52	+4.6005	+0.0462	−52 51 57.0	−10.040	+0.585	38.5	2	52 9200
2662	8.5	59.31	4.4919	.0421	50 47 47.0	10.022	.571	38.5	2	50 10092 Co.D.
2663	7.9	16 0 7.76	4.4876	.0419	50 42 10.2	10.013	.571	38.5	2	50 10095 Co.D.
2664	8.5	8.90	4.4929	.0421	50 48 21.2	10.010	.571	39.6	4	50 10097 Co.D.
2665	8.8	28.51	4.6120	.0464	53 1 24.6	9.987	.587	38.5	2	52 9209
2666	6.7	16 0 28.54	+4.6432	+0.0476	−53 34 24.3	− 9.985	+0.591	40.5	2	53 7015
2667	8.0	30.21	4.6156	.0465	53 5 6.8	9.983	.588	40.5	2	52 9211
2668	9.0	43.07	4.5467	.0438	51 48 19.6	9.967	.579	40.6	2	51 9746 Co.D.
2669	8.5	1 24.99	4.6706	.0482	53 58 54.2	9.914	.596	38.6	2	53 7043
2670	8.0	25.58	4.6742	.0484	54 2 36.0	9.913	.606	38.6	2	53 7044
2671	8.3	16 1 27.10	+4.6861	+0.0488	−54 14 33.8	− 9.911	+0.598	38.6	2	54 7003
2672	8.8	32.15	4.4930	.0416	50 42 33.0	9.905	.579	38.6	2	50 10117 Co.D.
2673	8.7	38.15	4.6288	.0465	53 14 30.7	9.897	.591	38.6	2	53 7051
2674	8.9	50.06	4.5146	.0422	51 6 43.7	9.882	.577	38.5	2	50 10119 Co.D.
2675	9.0	59.79	4.6000	.0453	52 42 12.2	9.870	.588	38.5	2	52 9229
2676	8.1	16 2 35.33	+4.4731	+0.0404	−50 14 21.5	− 9.825	+0.572	38.5	2	50 10131 Co.D.
2677	8.8	48.82	4.6225	.0458	53 3 5.6	9.808	.592	38.5	2	52 9240
2678	9.0	3 7.53	4.6604	.0471	53 41 37.1	9.784	.597	38.5	2	53 7081
2679	8.7	38.75	4.6495	.0464	53 28 11.6	9.744	.596	40.6	2	53 7106
2680	7.8	39.06	4.7115	.0488	54 31 9.8	9.744	.604	40.6	2	54 7045
2681	8.4	16 3 59.79	+4.6561	+0.0465	−53 33 37.8	− 9.717	+0.598	40.6	2	53 7118
2682	8.6	4 16.99	4.5369	.0420	51 22 32.8	9.695	.583	40.6	2	51 9799 Co.D.
2683	7.9	19.06	4.6223	.0451	52 56 47.0	9.693	.594	40.6	2	52 9258
2684	8.0	29.09	4.5444	.0422	51 30 11.9	9.680	.584	40.6	2	51 9803 Co.D.
2685	8.7	38.48	4.6731	.0469	53 48 38.7	9.668	.601	41.5	2	53 7143
2686	8.3	16 4 40.05	+4.6273	+0.0452	−53 0 44.9	− 9.666	+0.595	41.6	2	52 9264
2687	8.6	48.28	4.6651	.0465	53 39 45.2	9.655	.600	39.6	3	53 7151
2688	8.2	57.73	4.7094	.0481	54 23 59.1	9.643	.606	38.6	2	54 7093
2689	9.0	5 27.29	4.6021	.0439	52 30 30.5	9.605	.593	38.6	2	52 9273
2690	8.6	30.57	4.4996	.0403	50 34 8.4	9.601	.580	38.6	2	50 10170 Co.D.
2691	7.8	16 5 49.23	+4.5747	+0.0428	−51 59 1.4	− 9.577	+0.590	38.6	2	51 9814 Co.D.
2692	8.8	57.56	4.6081	.0439	52 35 0.3	9.567	.594	38.5	2	52 9286
2693	9.0	6 2.68	4.4892	.0397	50 19 38.0	9.560	.579	38.5	2	50 10178 Co.D.
2694	7.5	16.91	4.5053	.0402	50 37 44.8	9.541	.582	38.5	2	50 10179 Co.D.
2695	8.1	20.95	4.6098	0.434	52 35 17.6	9.537	.595	38.5	2	52 9293
2696	9.1	16 6 30.55	+4.6509	+0.0452	−53 18 21.2	− 9.524	+0.601	39.6	3	53 7205
2697	9.0	41.95	4.6768	.0462	53 44 20.3	9.510	.604	40.6	2	53 7214
2698	8.1	47.00	4.5703	.0422	51 50 20.1	9.503	.591	41.1	4	51 9825 Co.D.
2699	7.2	7 29.17	4.4984	.0395	50 24 49.2	9.449	.582	40.6	2	50 10197 Co.D.
2700	8.3	8 0.61	4.6433	.0443	53 4 38.5	9.409	.602	40.6	2	52 9316

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
2701	9.2	16h 8m19s23	+4s6210	+0s0434	−52°39′46″6	− 9″385	+0″599	40.6	2	52° 9323C.P.D.
2702	8.9	30.44	4.5869	.0421	52 2 0.8	9.370	.595	41.1	4	51 9856
2703	10.0	38.04	4.6257	.0434	52 43 35.4	9.360	.600	41.6	3	
2704	9.0	42.06	4.6288	.0435	52 46 34.2	9.355	.601	41.6	2	52 9331C.P.D.
2705	8.0	44.33	4.4429	.0372	49 12 38.6	9.352	.577	38.6	2	49 10392
2706	9.1	16 9 2.15	+4.6146	+0.0429	−52 30 13.7	− 9.329	+0.599	38.6	2	52 9341C.P.D.
2707	8.4	15.37	4.5312	.0399	50 56 19.8	9.312	.589	38.6	2	50 10228
2708	8.9	20.44	4.6097	.0426	52 23 44.1	9.306	.599	38.6	2	52 9352C.P.D.
2709	6.0	22.51	4.6752	.0448	53 32 38.1	9.303	.608	38.6	2	53 7413C.P.D.
2710	6.5	27.85	4.4719	.0379	49 45 25.2	9.296	.581	38.5	2	49 10402
2711	8.2	16 9 32.66	+4.5253	+0.0396	−50 48 24.0	− 9.290	+0.588	38.5	2	50 10233
2712	8.6	41.45	4.5617	.0408	51 29 25.7	9.279	.593	38.5	2	51 9888
2713	8.6	55.70	4.4740	.0378	49 46 7.2	9.260	.582	38.5	2	49 10410
2714	7.8	10 12.45	4.5790	.0411	51 46 48.1	9.239	.596	39.6	3	51 9899
2715	9.2	23.17	4.5201	.0391	50 39 5.0	9.224	.589	40.6	2	50 10252
2716	7.4	16 10 25.71	+4.4288	+0.0362	−48 48 23.7	− 9.221	+0.577	40.6	2	48 10625
2717	8.4	29.43	4.6332	.0429	52 44 33.4	9.217	.604	40.6	2	52 9377C.P.D.
2718	8.3	32.12	4.4854	.0379	49 57 35.7	9.213	.584	40.6	2	49 10424
2719	8.4	39.63	4.6735	.0442	53 26 1.4	9.204	.609	40.6	2	53 7506C.P.D.
2720	8.7	50.86	4.6048	.0418	52 12 40.4	9.189	.600	41.1-41.3	4-3	52 9393C.P.D.
2721	9.5	16 11 2.02	+4.6502	+0.0433	−53 0 28.7	− 9.174	+0.606	41.5	2	52 9395C.P.D.
2722	9.0	2.06	4.6046	.0417	52 11 45.0	9.174	.601	41.6	2	52 9399C.P.D.
2723	8.4	6.07	4.6371	.0428	52 46 26.8	9.169	.605	38.6	2	52 9400C.P.D.
2724	9.1	21.98	4.6558	.0433	53 5 6.0	9.148	.608	38.6	2	52 9410C.P.D.
2725	7.8	26.85	4.4778	.0374	49 44 57.2	9.142	.585	38.5	2	49 10441
2726	8.9	16 11 30.59	+4.4178	+0.0354	−48 30 24.3	− 9.137	+0.577	38.6	2	48 10642
2727	8.7	33.73	4.6400	.0427	52 47 44.8	9.133	.606	38.6	2	52 9416C.P.D.
2728	8.0	35.53	4.6636	.0436	53 12 21.1	9.131	.609	38.6	2	53 7537C.P.D.
2729	8.8	36.43	4.5365	.0392	50 53 31.0	9.130	.593	38.5	2	50 10281
2730	8.4	48.86	4.6100	.0416	52 14 44.1	9.114	.602	38.5	2	52 9422 C.P.D.
2731	8.8	16 12 3.42	+4.4492	+0.0362	−49 7 43.8	− 9.095	+0.582	38.5	2	48 10653
2732	8.4	11.91	4.4523	.0363	49 11 0.4	9.084	.582	40.6	2	48 10656
2733	8.4	14.72	4.6364	.0423	52 41 25.3	9.080	.606	39.6	3	52 9433C.P.D.
2734	9.1	20.72	4.5699	.0400	51 28 39.3	9.072	.598	40.6	2	51 9943
2735	8.5	21.34	4.4415	.0359	48 57 1.2	9.071	.581	40.6	2	48 10659
2736	8.9	16 12 55.08	+4.6440	+0.0422	−52 46 59.1	− 9.027	+0.608	40.6	2	52 9454C.P.D.
2737	9.7	59.89	4.4516	.0360	49 7 4.7	9.021	.583	40.6	2	48 10666
2738	7.2	13 4.48	4.4626	.0363	49 20 19.4	9.015	.585	40.6	2	49 10470
2739	7.6	8.51	4.4823	.0369	49 43 59.2	9.010	.587	41.2	3	49 10471
2740	5.5	15.68	4.4933	.0372	49 56 42.3	9.001	.589	38.6	2	49 10474
2741	8.8	16 13 23.10	+4.6482	+0.0422	−52 49 42.9	− 8.991	+0.609	41.6	2	52 9467C.P.D.
2742	7.5	27.84	4.6562	.0424	52 57 45.9	8.985	.610	38.6	2	52 9469C.P.D.
2743	8.7	57.76	4.6528	.0421	52 52 28.0	8.946	.611	38.6	2	52 9483C.P.D.
2744	8.9	14 18.20	4.6392	.0415	52 36 54.3	8.919	.609	38.6	2	52 9490C.P.D.
2745	8.0	19.15	4.4812	.0364	49 38 15.8	8.918	.589	38.6	2	49 10494
2746	8.0	16 14 25.82	+4.4546	+0.0355	−49 5 27.2	− 8.909	+0.585	38.5	2	48 10684
2747	8.9	44.94	4.5753	.0392	51 25 49.4	8.884	.602	38.5	2	51 99887
2748	8.9	52.28	4.5571	.0386	51 5 2.5	8.875	.599	38.5	2	50 10357
2749	7.3	55.53	4.4659	.0357	49 17 32.9	8.870	.587	38.5	2	49 10513
2750	9.0	15 4.12	4.5194	.0373	50 20 55.0	8.860	.595	39.6	3	50 10366

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
2751	8.6	16h15m 8s.94	+4s.5157	+0s.0372	−50°16′14″.7	− 8″.853	+0″.594	40.6	2	50°10370
2752	7.5	18.67	4.4667	.0356	49 17 8.3	8.840	.588	40.6	2	49 10525
2753	8.8	20.02	4.5528	.0383	50 58 23.1	8.838	.599	40.6	2	50 10374
2754	8.2	20.69	4.5041	.0367	50 1 55.4	8.837	.593	40.6	2	49 10524
2755	8.5	25.83	4.6255	.0406	52 18 15.8	8.831	.609	40.6	2	52 9538C.P.D.
2756	9.0	16 15 37.56	+4.4335	+0.0345	−48 34 51.7	− 8.815	+0.584	40.6	2	48 10705
2757	8.2	16 9.07	4.4646	.0352	49 11 28.3	8.774	.589	41.6	2	49 10538
2758	8.3	9.58	4.4265	.0341	48 23 55.9	8.773	584	41.5	2	48 10708
2759	9.0	21.76	4.3637	.0382	51 7 1.9	8.757	.602	38.6	2	50 10395
2760	9.0	47.87	4.5530	.0377	50 53 27.2	8.725	.601	38.6	2	50 10407
2761	9.0	16 16 55.72	+4.5088	+0.0363	−50 1 42.8	− 8.713	+0.595	38.6	2	49 10551
2762	8.4	17 44 15	4.4319	.0347	48 25 16.3	8.649	.586	38.6	2	48 10735
2763	7.0	45.78	4.4153	.0332	48 4 11.7	8.647	.584	38.5	2	47 10677
2764	7.9	46.74	4.5959	.0387	51 37 54.5	8.646	.608	38.5	2	51 10054
2765	9.3	58.00	4.4782	.0350	49 21 34.6	8.631	.593	38.5	2	49 10569
2766	8.3	16 18 12.52	+4.4882	+0.0352	−49 32 41.3	− 8.612	+0.594	39.6	3	49 10578
2767	8.4	13.29	4.4632	.0345	49 2 20.0	8.611	.591	38.5	2	48 10745
2768	9.0	14.04	4.5219	.0362	50 12 30.2	8.610	.599	40.6	2	50 10439
2769	9.3	17.62	4.5701	.0377	51 7 24.8	8.605	.605	40.6	2	50 10438
2770	8.6	22.05	4.4327	.0335	48 24 0.7	8.599	.587	40.6	2	48 10749
2771	9.0	16 18 40.16	+4.5040	+0.0355	−49 49 59.0	− 8.576	+0.597	40.6	2	49 10590
2772	8.5	40.29	4.4564	.0341	48 52 22.5	8.575	.591	40.6	2	48 10753
2773	5.9	43.22	4.4851	.0349	49 27 17.7	8.571	.595	40.6	2	49 10591
2774	8.2	48.59	4.5349	.0364	50 25 35.2	8.564	.601	41.2	3	50 10451
2775	9.5	19 23.90	4.5233	.0358	50 10 5.6	8.518	.600	38.6	2	49 10606
2776	8.3	16 19 26.73	+4.4416	+0.0334	−48 31 26.2	− 8.514	+0.590	41.6	2	48 10769
2777	9.2	31.35	4.5880	.0377	51 23 10.0	8.508	.609	38.6	2	51 10099
2778	9.1	20 31.50	4.5449	.0360	50 31 8.1	8.428	.605	38.6	2	50 10494
2779	9.0	43.23	4.4329	.0328	48 16 6.5	8.413	.590	38.6	3	48 10795
2780	8.8	54.34	4.4257	.0324	48 6 22.8	8.398	.589	38.6	2	47 10717
2781	7.8	16 21 13.91	+4 5530	+0.0360	−50 38 2.9	− 8.372	+0.606	38.5	2	50 10504
2782	8.5	15.66	4.4449	.0329	48 29 11.0	8.370	.592	38.5	2	48 10805
2783	8.2	18.33	4.5625	.0363	50 48 35.0	8.367	.608	38.5	2	50 10505
2784	9.0	18.74	4.5012	.0351	49 37 30.4	8.367	.600	38.5	2	49 10642
2785	8.7	28.01	4.5536	.0359	50 37 53.6	8.354	.607	39.6	3	50 10508
2786	9.1	16 21 29.61	+4.3906	+0.0313	−47 19 17.7	− 8.352	+0.585	40.6	2	47 10728
2787	7.3	34.07	4.4724	.0335	49 1 57.7	8.345	.596	40.6	2	48 10809
2788	9.0	36.90	4.4493	.0329	48 33 26.4	8.342	.593	40.6	2	48 10810
2789	8.0	42.83	4.3954	.0314	47 24 47.1	8.334	.586	40.6	2	47 10733
2790	7.5	54.86	4.4871	.0338	49 18 37.9	8.319	.598	40.6	2	49 10653
2791	8.7	16 22 11.66	+4.5770	+0.0363	−51 1 51.7	− 8.296	+0.611	41.1-41.3	4-3	50 10521
2792	9.5	23.88	4.4913	.0338	49 22 1.2	8.280	.600	41.5	2	49 10658
2793	9.3	47.39	4.4954	.0337	49 25 37.8	8.248	.601	41.6	2	49 10665
2794	8.0	54.10	4.4407	.0322	48 18 27.7	8.239	.594	38.6	2	48 10829
2795	8.9	23 4.77	4.5795	.0361	51 1 45.1	8.225	.612	38.6	2	50 10538
2796	7.6	16 23 8.19	+4.4234	+0.0317	−47 55 54.8	− 8.222	+0.592	38.6	2	47 10752
2797	8.3	8.37	4.5387	.0349	50 15 14.8	8.222	.607	38.6	2	50 10543
2798	8.5	26.75	4.5412	.0348	50 17 9.1	8.196	.608	38.5	2	50 10549
2799	7.5	28.77	4.4601	.0325	48 40 31.7	8.193	.597	38.6	2	48 10836
2800	8.1	29.53	4.4011	.0309	47 26 12.9	8.192	.589	38.5	2	47 10764

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
2801	5.0	16h23m30s.49	+4s.4014	+0s.0309	−47°26′33″.2	−8″.191	+0″.589	38.5	2	47°10765
2802	8.8	40.05	4.5778	.0358	50 57 57.2	8.178	.613	38.5	2	50 10554
2803	9.1	50.42	4.4598	.0324	48 38 55.3	8.165	.597	39.6	3	48 10840
2804	8.1	58.46	4.4938	.0333	49 19 42.4	8.154	.602	40.6	2	49 10683
2805	9.1	24 8.87	4.4825	.0330	49 5 35.5	8.140	.600	40.6	2	48 10848
2806	8.6	16 24 18.03	+4.5904	+0.0359	−51 9 49.8	−8.128	+0.615	40.6	2	50 10564
2807	8.5	26.50	4.5611	.0350	50 36 33.7	8.116	.611	40.6	2	50 10568
2808	7.8	39.22	4.3481	.0291	46 12 27.2	8.099	.583	40.6	2	46 10768
2809	8.0	25 2.62	4.3804	.0299	46 54 10.2	8.069	.588	40.6	2	46 10775
2810	9.3	9.54	4.4548	.0318	48 28 28.7	8.059	.598	41.5	2	48 10866
2811	9.4	16 25 30.50	+4.4739	+0.0322	−48 50 43.3	−8.031	+0.601	41.6	2	48 10871
2812	9.0	50.20	4.3485	.0288	46 9 6.1	8.005	.585	38.6	2	45 10693
2813	9.5	26 4.46	4.3483	.0287	46 8 2.8	7.986	.585	38.6	2	45 10697
2814	9.3	16.19	4.5521	.0341	50 20 26.0	7.970	.612	38.6	3	50 10594
2815	8.5	18.32	4.4741	.0319	48 48 20.9	7.968	.602	38.6	2	48 10878
2816	8.9	16 27 4.41	+4.5279	+0.0331	−49 49 54.7	−7.906	+0.610	38.5	2	49 10731
2817	7.8	4.45	4.5821	.0346	50 51 46.5	7.906	.617	38.6	2	50 10608
2818	8.0	17.40	4.5306	.0331	49 52 23.9	7.888	.610	38.5	2	49 10735
2819	7.9	24.16	4.3621	.0287	46 22 18.3	7.879	.588	38.5	2	46 10799
2820	9.0	44.85	4.3524	.0283	46 8 9.1	7.851	.587	38.5	2	45 10713
2821	8.1	16 27 46.82	+4.4887	+0.0316	−49 1 20.8	−7.849	+0.604	39.6	3	48 10900
2822	9.3	28 25.19	4.3756	.0287	46 34 15.9	7.797	.590	40.6	2	46 10810
2823	7.8	25.22	4.5476	.0332	50 8 31.9	7.796	.614	40.6	2	49 10754
2824	8.4	28.84	4.5632	.0336	50 26 7.8	7.792	.616	40.6	2	50 10625
2825	9.0	32.61	4.3648	.0284	46 22 15.3	7.787	.589	40.6	2	46 10812
2826	9.0	16 29 2.44	+4.5157	+0.0321	−49 29 29.2	−7.747	+0.610	40.6	2	49 10761
2827	9.0	13.23	4.3575	.0280	46 10 20.7	7.733	.589	40.6	2	46 10820
2828	7.8	26.02	4.5164	.0320	49 29 2.1	7.715	.611	41.2	3	49 10765
2829	8.9	29.37	4.4229	.0295	47 34 40.9	7.711	.598	41.6	2	47 10846
2830	8.9	31.55	4.3406	.0275	45 46 41.1	7.708	.587	38.6	2	45 10735
2831	8.7	16 29 32.89	+4.4592	+0.0304	−48 19 56.3	−7.708	+0.603	38.6	2	48 10932
2832	8.8	38.58	4.3385	.0274	45 43 21.6	7.698	.587	38.6	2	45 10737
2833	8.0	54.20	4.3372	.0273	45 40 46.8	7.677	.587	38.6	2	45 10738
2834	8.8	54.22	4.3772	.0282	46 34 24.2	7.677	.592	38.6	2	46 10828
2835	7.8	59.99	4.4967	.0312	49 4 2.5	7.669	.609	38.5	2	48 10941
2836	6.8	16 30 9.60	+4.4450	+0.0298	−48 0 24.4	−7.657	+0.602	38.5	2	47 10855
2837	7.8	11.83	4.3725	.0280	46 27 15.9	7.654	.592	38.5	2	46 10834
2838	9.0	16.09	4.4560	.0301	48 13 41.7	7.648	.604	38.5	2	48 10944
2839	9.2	22.24	4.4832	.0307	48 46 38.4	7.640	.607	40.6	2	48 10946
2840	7.2	22.48	4.4625	.0302	48 21 26.7	7.639	.605	39.6	3	48 10947
2841	8.5	16 30 23.12	+4.4220	+0.0292	−47 30 48.4	−7.637	+0.599	40.6	2	47 10858
2842	8.6	24.35	4.4441	.0298	47 58 30.8	7.637	.602	40.6	2	47 10859
2843	7.0	36.15	4.5287	.0319	49 39 57.6	7.621	.614	40.6	2	49 10778
2844	8.6	50.23	4.5065	.0312	49 13 8.1	7.592	.611	40.6	2	49 10784
2845	8.6	54.77	4.5338	.0319	49 44 58.6	7.596	.615	40.6	2	49 10785
2846	7.7	16 30 58.35	+4.3948	+0.0283	−46 54 3.6	−7.591	+0.596	41.2	3	46 10843
2847	7.5	59.62	4.5106	.0312	49 17 32.2	7.589	.612	41.6	2	49 10790
2848	8.0	31 9.96	4.4417	.0294	47 53 11.7	7.575	.603	38.6	2	47 10864
2849	6.5	31.58	4.3172	.0263	45 8 26.0	7.546	.586	38.6	2	44 10964
2850	8.6	39.48	4.3028	.0259	44 47 57.7	7.535	.584	38.6	2	44 10967

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Cc. D.
2851	8.9	16h31m41s15	+4s4774	+0s0301	−48°35'36"5	−7"533	+0"608	38.6	2	48°10960
2852	7.8	59.36	4.3629	.0274	46 9 4.0	7.509	.593	38.6	2	45 10763
2853	8.7	32 8.23	4.3351	.0266	45 31 8.1	7.497	.589	38.5	2	45 10768
2854	8.4	10.77	4.3377	.0266	45 34 35.3	7.493	.590	38.5	2	45 10769
2855	8.9	22.19	4.3158	.0260	45 3 56.8	7.478	.587	38.5	2	44 10971
2856	8.8	16 32 46.60	+4.3644	+0.0270	−46 8 40.2	−7.445	+0.594	38.5	2	45 10777
2857	8.9	46.71	4.3267	.0261	45 17 45.3	7.444	.589	39.6	3	45 10778
2858	7.8	33 0.03	4.3097	.0257	44 53 33.6	7.426	.587	40.6	2	44 10979
2859	9.2	1.43	4.5014	.0303	49 0 27.1	7.425	.613	40.6	2	48 10977
2860	7.7	5.58	4.3170	.0258	45 3 28.5	7.419	.588	40 6	2	44 10982
2861	8.5	16 33 23.33	+4.3246	+0.0259	−45 13 3.7	−7.395	+0.589	40.6	2	45 10787
2862	8.3	34 2.21	4.4331	.0283	47 36 23.2	7.342	.603	40.6	2	47 10896
2863	8.7	11.86	4.3512	.0263	45 46 42.9	7.329	.593	40.6	2	45 10796
2864	7.0	21.08	4.3639	.0266	46 3 17.5	7.317	.595	41.2	3	45 10797
2865	9.2	27.39	4.4609	.0288	48 7 12.8	7.308	.608	41.6	2	47 10905
2866	7.5	16 34 27.98	+4.2832	+0.0247	−44 12 1.5	−7.307	+0.584	38.6	2	44 11003
2867	8.3	34.24	4.3999	.0273	46 49 56.0	7.299	.600	38.6	2	46 10897
2868	8.3	35.35	4.5112	.0300	49 7 29.9	7.297	.616	38.6	2	48 11001
2869	9.0	44.63	4.4909	.0294	48 42 53.1	7.285	.613	38.6	2	48 11004
2870	8.8	35 15.96	4.4235	.0276	47 18 8.1	7.242	.604	38.6	2	47 10914
2871	8.4	16 35 16.92	+4.4889	+0.0292	−48 38 54.2	−7.241	+0.613	38.6	3	48 11017
2872	8.9	22.17	4.3411	.0257	45 29 40.6	7.233	.593	38.5	2	45 10811
2873	7.9	34.16	4.2880	.0245	44 15 30.9	7.217	.586	38.5	2	44 11020
2874	8.7	34.43	4.5060	.0295	48 58 34.5	7.217	.616	38.5	2	48 11024
2875	8.5	40.49	4.3110	.0250	44 47 29.4	7.209	.589	39.6	3	44 11021
2876	9.1	16 35 45.38	+4.4952	+0.0292	−48 45 9.8	−7.202	+0.615	40.6	2	48 11033
2877	8.9	54.19	4.3900	.0267	46 33 8.3	7.190	.600	41.2	3	46 10908
2878	8.3	36 5.17	4.3231	.0251	45 3 4.2	7.175	.592	40.6	2	44 11028
2879	9.4	9.91	4.5127	.0294	49 4 46.6	7.169	.617	41.2	3	48 11037
2880	7.5	14.45	4.4440	.0278	47 41 6.6	7.162	.608	40.6	2	47 10924
2881	7.0	16 36 15.04	+4.4569	+0.0281	−47 57 7.2	−7.162	+0.610	40.6	2	47 10923
2882	8.2	31.89	4.4702	.0283	48 12 37.9	7.139	.612	41.2	3	48 11047
2883	9.1	48.31	4.4560	.0279	47 54 23.2	7.116	.616	41.6	2	47 10933
2884	7.0	50.76	4.2999	.0244	44 28 37.9	7.113	.589	38.6	2	44 11039
2885	7.9	52.99	4.3606	.0257	45 51 36.4	7.110	.597	38.6	2	45 10836
2886	6.5	16 36 59.42	+4.4935	+0.0287	−48 39 33.7	−7.101	+0.615	38.6	2	48 11056
2887	8.0	37 0.24	4.4405	.0274	47 34 19.2	7.099	.608	38.6	2	47 10938
2888	6.8	22.86	4.4449	.0274	47 38 58.6	7.069	.609	38.6	2	47 10942
2889	6.0	35.21	4.4953	.0285	48 40 1.1	7.052	.616	38.6	3	48 11070
2890	7.8	44.40	4.3819	.0259	46 17 22.8	7.040	.601	38.5	2	46 10930
2891	9.3	16 38 0.28	+4.4617	+0.0276	−47 58 5.3	−7.018	+0.612	38.5	2	47 10950
2892	9.3	9.39	4.4293	.0268	47 17 11.0	7.006	.608	38.5	2	47 10952
2893	9.0	10.65	4.4293	.0268	47 17 6.2	7.004	.608	38.5	2	47 10953
2894	7.2	12.19	4.3372	.0248	45 16 18.9	7.003	.595	40.6	2	45 10847
2895	8.8	35.28	4.4130	.0263	46 55 15.3	6.971	.606	40.9	3	46 10939
2896	8.4	16 38 55.11	+4.2843	+0.0234	−44 0 54.1	−6.944	+0.589	40.6	2	43 11022
2897	7.9	55.66	4.2692	.0231	43 39 14.2	6.943	.587	40.6	2	43 11023
2898	8.7	39 0.26	4.3091	.0239	44 35 28.2	6.937	.593	40.6	2	44 11066
2899	9.3	27.38	4.3912	.0256	46 24 44.8	6.900	.604	40.6	2	46 10952
2900	9.5	28.62	4.4755	.0274	48 10 55.0	6.898	.615	41.5	2	48 11115

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
2901	8.0	16ʰ39ᵐ37ˢ51	+4ˢ2665	+0ˢ0229	−43°33′31″3	−6″886	+0″587	41.6	2	43°11037
2902	9.0	52.43	4.4076	.0258	46 44 46.3	6.866	.606	38.6	2	46 10956
2903	7.9	54.72	4.2960	.0234	44 14 43.6	6.863	.591	38.6	2	44 11074
2904	7.3	40 2.91	4.4204	.0260	47 0 44.1	6.851	.608	38.6	2	46 10958
2905	8.4	27.95	4.3767	.0249	46 2 56.1	6.817	.603	38.6	2	45 10875
2906	9.0	16 40 36.62	+4.4197	+0.0258	−46 58 16.0	−6.805	+0.609	38.6	2	46 10973
2907	8.5	41.23	4.2734	.0227	43 40 32.3	6.799	.589	38.6	2	43 11054
2908	7.3	45.76	4.2994	.0232	44 17 9.5	6.793	.592	38.5	2	44 11082
2909	8.6	52.96	4.4073	.0255	46 41 36.5	6.781	.607	38.5	2	46 10976
2910	9.2	59.05	4.4193	.0257	46 56 45.9	6.774	.609	38.6	3	46 10979
2911	6.5	16 41 10.09	+4.4486	+0.0262	−47 33 10.6	−6.759	+0.613	39.6	3	47 11017
2912	8.4	18.38	4.3772	.0247	46 1 19.6	6.748	.604	40.6	2	45 10890
2913	8.3	42 8.97	4.3918	.0247	46 18 18.1	6.678	.606	40.6	2	46 10998
2914	8.2	15.93	4.2712	.0222	43 33 8.2	6.669	.590	40.6	2	43 11083
2915	7.0	23.77	4.3965	.0247	46 23 43.8	6.658	.607	40.6	2	46 11005
2916	7.0	16 42 26.03	+4.3087	+0.0248	−46 26 27.7	−6.655	+0.608	40.6	2	46 11008
2917	9.4	47.37	4.2543	.0218	43 7 23.2	6.626	.588	41.6	2	42 11516
2918	9.0	53.07	4.3646	.0239	45 40 30.5	6.618	.603	40.6	2	45 10919
2919	7.7	57.14	4.4260	.0252	47 0 1.1	6.612	.612	41.2	3	46 11019
2920	8.8	43 17.14	4.3709	.0239	45 47 51.9	6.585	.604	38.6	2	45 10927
2921	7.8	16 43 45.40	+4.3197	+0.0228	−44 37 23.0	−6.546	+0.598	38.6	2	44 11123
2922	7.8	47.92	4.4517	.0255	47 30 5.5	6.542	.616	38.6	2	47 11052
2923	7.8	52.32	4.3529	.0234	45 22 18.0	6.536	.603	38.6	2	45 10941
2924	8.9	57.21	4.4355	.0251	47 9 29.3	6.529	.614	38.6	2	47 11053
2925	8.3	44 1.80	4.2427	.0212	42 47 17.1	6.523	.588	38.6	2	42 11540
2926	8.4	16 44 9.60	+4.3658	+0.0236	−45 38 49.9	−6.512	+0.604	38.5	2	45 10943
2927	7.5	11.44	4.3504	.0233	45 18 6.4	6.510	.602	38.5	2	45 10946
2928	8.0	12.75	4.2873	.0220	43 50 58.8	6.508	.594	38.6	3	43 11112
2929	6.4	26.36	4.3759	.0237	45 51 23.5	6.489	.606	39.6	3	45 10951
2930	8.0	36.37	4.4385	.0249	47 11 34.7	6.475	.615	40.6	2	47 11061
2931	8.1	16 44 37.96	+4.3312	+0.0228	−44 50 53.0	−6.473	+0.600	40.6	2	44 11140
2932	9.2	55.37	4.3948	.0239	46 14 54.7	6.449	.609	40.6	2	46 11042
2933	7.8	45 9.29	4.3982	.0239	46 18 44.8	6.430	.610	40.6	2	46 11046
2934	8.9	41.75	4.2123	.0202	41 57 52.9	6.385	.585	40.6	2	41 10916
2935	8.0	48.57	4.3358	.0225	44 54 17.6	6.376	.602	40.6	2	44 11162
2936	7.2	16 45 56.01	+4.2907	+0.0216	−43 51 27.9	−6.365	+0.596	41.2	3	43 11139
2937	8.1	46 6.67	4.4344	.0244	47 2 35.4	6.351	.616	41.6	3	46 11054
2938	7.0	17.30	4.2113	.0200	41 54 56.4	6.336	.585	38.6	2	41 10925
2939	7.0	22.73	4.2564	.0208	43 1 14.1	6.329	.591	38.6	2	42 11574
2940	7.8	31.22	4.1966	.0197	41 32 7.9	6.317	.583	38.6	2	41 10930
2941	9.0	16 46 49.28	+4.2957	+0.0214	−43 56 13.1	−6.292	+0.597	38.6	2	43 11154
2942	8.0	47 12.10	4.1912	.0194	41 22 16.9	6.260	.583	38.6	2	41 10941
2943	7.7	23.53	4.2063	.0196	41 44 43.6	6.244	.585	38.5	2	41 10946
2944	8.5	24.39	4.2833	.0210	43 37 17.3	6.243	.596	38.6	2	43 11165
2945	8.7	25.85	4.4280	.0238	46 51 20.5	6.241	.616	40.0	2	46 11068
2946	9.1	16 47 26.85	+4.4218	+0.0237	−46 43 17.8	−6.240	+0.615	38.6	2	46 11069
2947	10.0	30.64	4.4273	.0238	46 50 10.3	6.235	.616	38.6	1	46 11070
2948	9.1	35.71	4.3325	.0219	44 45 15.8	6.227	.603	39.6	3	44 11189
2949	8.5	38.65	4.1964	.0194	41 29 1.1	6.223	.584	40.6	2	41 10949
2950	9.3	38.74	4.3932	.0231	46 6 3.1	6.223	.611	40.6	2	45 11001

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
2951	8.7	$16^h47^m41^s.95$	$+4^s.2182$	$+0^s.0198$	$-42°\ 1'46''.2$	$-6''.219$	$+0''.587$	40.6	2	41°10951
2952	9.2	58.92	4.3181	.0215	44 24 32.8	6.195	.601	40.6	2	44 11195
2953	6.0	48 4.21	4.1838	.0191	41 8 47.4	6.188	.583	40.6	2	41 10957
2954	9.0	5.04	4.2053	.0195	41 41 32.6	6.187	.586	40.6	2	41 10956
2955	9.1	8.97	4.2719	.0206	43 19 14.7	6.181	.595	41.2	3	43 11176
2956	8.4	16 48 13.61	+4.2395	+0.0200	−42 31 59.4	−6.175	+0.590	41.6	2	42 11602
2957	8.3	26.01	4.3618	.0222	45 22 51.5	6.158	.608	38.6	2	45 11011
2958	8.0	39.67	4.2786	.0206	43 27 33.6	6.139	.596	38.6	2	43 11182
2959	8.9	47.44	4.1997	.0192	41 31 18.9	6.128	.586	38.6	2	41 10971
2960	6.8	48.46	4.2096	.0194	41 46 17.2	6.127	.587	38.6	2	41 10972
2961	6.8	16 48 58.73	+4.2561	+0.0201	−42 54 30.1	−6.112	+0.594	38.6	2	42 11609
2962	7.5	49 16.63	4.2076	.0192	41 42 12.0	6.087	.587	38.6	2	41 10980
2963	8.3	27.13	4.1992	.0190	41 28 58.0	6.073	.586	38.6	2	41 10986
2964	9.0	36.63	4.2060	.0191	41 38 49.9	6.060	.587	38.5	2	41 10991
2965	8.9	39.20	4.2891	.0205	43 40 1.9	6.056	.598	38.6	2	43 11198
2966	7.9	16 49 44.53	+4.3641	+0.0219	−45 22 44.0	−6.049	+0.609	39.6	3	45 11028
2967	9.3	45.04	4.1920	.0188	41 17 19.1	6.048	.585	40.6	2	41 10994
2968	8.0	57.15	4.2222	.0192	42 2 22.3	6.031	.589	40.6	2	41 11003
2969	9.9	50 0.08	4.1911	.0187	41 15 26.2	6.027	.585	40.6	1	41 11006
2970	9.3	11.55	4.1910	.0187	41 14 46.5	6.011	.585	41.3	3	41 11009
2971	8.5	16 50 14.70	+4.3903	+0.0222	−45 56 1.5	−6.007	+0.613	40.6	2	45 11037
2972	9.3	20.70	4.2116	.0190	41 45 39.6	5.998	.588	41.2	3	41 11014
2973	8.9	20.96	4.1998	.0188	41 27 47.7	5.998	.587	40.6	2	41 11016
2974	8.5	21.11	4.1905	.0186	41 13 44.2	5.998	.585	40.6	2	41 11015
2975	8.5	23.93	4.1884	.0186	41 10 25.9	5.994	.595	41.6	2	41 11019
2976	7.0	16 50 27.61	+4.2179	+0.0190	−41 54 47.0	−5.989	+0.589	38.6	2	41 11021
2977	5.8	27.71	4.2328	.0193	42 16 51.6	5.989	.591	38.6	2	42 11633
2978	6.0	30.96	4.2105	.0189	41 43 30.7	5.984	.588	38.6	2	41 11024
2979	6.5	32.75	4.2099	.0189	41 42 37.9	5.982	.588	38.6	3	41 11025
2980	7.3	39.13	4.2114	.0189	41 44 38.4	5.973	.589	40.1	2	41 11033
2981	6.8	16 50 40.63	+4.2124	+0.0189	−41 46 6.4	−5.971	+0.589	38.5	2	41 11036
2982	9.0	40.96	4.2042	.0188	41 33 40.2	5.970	.588	41.6	3-2	41 11035
2983	7.7	45.81	4.3405	.0211	44 48 38.3	5.963	.607	38.5	2	44 11252
2984	8.6	47.99	4.2003	.0187	41 27 32.8	5.960	.587	38.6	2	41 11043
2985	8.0	48.77	4.2115	.0189	41 44 19.9	5.960	.589	40.1	2	41 11041
2986	8.7	16 50 54.58	+4.1804	+0.0183	−40 56 56.0	−5.951	+0.584	40.6	2	40 10896
2987	6.6	54.68	4.2383	.0193	42 23 53.8	5.951	.592	40.6	2	42 11642
2988	8.0	54.99	4.2121	.0188	41 45 4.7	5.951	.589	38.5	1	41 11044
2989	8.5	55.61	4.1658	.0181	40 34 18.4	5.950	.582	40.6	2	40 10897
2990	8.5	51 1.09	4.2112	.0188	41 43 27.2	5.942	.589	41.0-41.1	3-2	41 11050
2991	8.0	16 51 5.70	+4.1962	+0.0185	−41 20 32.9	−5.936	+0.587	40.6	2	41 11055
2992	6.5	7.13	4.2836	.0200	43 28 46.3	5.934	.599	40.6	2	43 11223
2993	8.3	16.56	4.3683	.0214	45 24 40.2	5.921	.611	41.2	3	45 11054
2994	9.0	24.96	4.1826	.0182	40 59 8.0	5.909	.585	41.6	2	40 10916
2995	8.3	28.76	4.3461	.0210	44 54 32.8	5.904	.608	38.6	2	44 11266
2996	6.0	16 51 28.86	+4.1860	+0.0183	−41 4 15.3	−5.904	+0.586	38.6	2	40 10919
2997	9.0	29.00	4.1838	.0181	41 0 45.2	5.903	.585	38.6	2	40 10922
2998	7.5	31.78	4.2235	.0189	42 0 39.0	5.899	.591	38.6	2	41 11068
2999	8.8	50.55	4.2026	.0184	41 28 38.1	5.873	.588	38.6	2	41 11073
3000	7.9	52.88	4.3622	.0212	45 15 11.7	5.870	.610	38.6	2	45 11062

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
3001	7.7	16h52m 0s.30	+4s.1801	+0s.0180	—40°53′55″.9	—5″.860	+0″.585	38.5	2	40°10939
3002	6.9	1.30	4.2748	.0196	43 14 10.8	5.858	.598	38.5	2	43 11233
3003	8.4	19.90	4.2650	.0194	42 59 29.3	5.832	.597	38.6	2	42 11668
3004	8.5	25.74	4.1826	.0180	40 56 46.1	5.824	.586	40.6	2	40 10948
3005	8.9	26.26	4.1730	.0178	40 42 3.3	5.823	.584	40.8	4	40 10949
3006	9.0	16 52 33.45	+4.1690	+0.0177	—40 35 38.4	—5.813	+0.584	41.4	4	40 10952
3007	9.6	36.41	4.1693	.0177	40 35 58.9	5.809	.584	40.6	1	40 10954
3008	8.0	37.04	4.1567	.0175	40 16 13.8	5.808	.582	40.6	2	40 10956
3009	7.0	46.30	4.1689	.0176	40 34 52.8	5.795	.584	40.6	2	40 10961
3010	8.0	48.67	4.1626	.0176	40 25 2.1	5.792	.583	40.6	2	40 10964
3011	8.5	16 53 3.82	+4.3033	+0.0198	—43 52 10.2	—5.771	+0.603	40.6	2	43 11243
3012	6.5	6.85	4.1757	.0177	40 44 43.4	5.767	.585	41.2	3	40 10975
3013	8.9	11.83	4.2372	.0186	42 17 7.3	5.760	.594	38.6	2	42 11682
3014	7.5	15.53	4.1889	.0178	41 4 35.8	5.755	.587	41.6	2	40 10980
3015	7.2	26.09	4.1612	.0174	40 26 4.8	5.740	.584	38.6	2	40 10986
3016	8.7	16 53 30.94	+4.2618	+0.0190	—42 52 16.8	—5.733	+0.598	38.6	2	42 11692
3017	8.4	35.66	4.1816	.0177	40 52 41.8	5.727	.587	38.6	2	40 10990
3018	9.0	37.64	4.1499	.0172	40 3 22.0	5.724	.582	38.6	2	39 10907
3019	8.9	43.68	4.3602	.0206	45 8 19.6	5.715	.612	38.6	2	45 11083
3020	8.9	44.84	4.2397	.0186	42 19 33.9	5.714	.595	38.5	2	42 11695
3021	7.3	16 54 38.20	+4.1598	+0.0171	—40 16 35.9	—5.639	+0.584	38.5	2	40 11017
3022	9.5	44.68	4.3083	.0194	43 55 17.8	5.630	.605	40.6	1	43 11277
3023	8.1	48.28	4.1881	.0175	41 0 0.2	5.625	.588	38.6	2	40 11021
3024	9.0	49.92	4.2663	.0187	42 55 43.6	5.623	.599	39.6	3	42 11711
3025	9.3	55.12	4.3030	.0193	43 47 37.3	5.615	.604	40.6	2	43 11279
3026	8.3	16 55 20.62	+4.2023	+0.0176	—41 20 25.8	—5.580	+0.591	41.1-41.3	2-3	41 11130
3027	9.1	25.15	4.3098	.0192	43 56 1.8	5.573	.606	41.1	2	43 11287
3028	8.8	41.13	4.1592	.0168	40 13 28.6	5.551	.585	40.6	2	40 11039
3029	9.1	43.52	4.1648	.0169	40 22 8.6	5.548	.586	40.6	2	40 11040
3030	8.2	49.50	4.2026	.0174	41 19 46.8	5.539	.591	41.2	3	41 11140
3031	8.6	16 55 49.65	+4.3180	+0.0193	—44 6 24.9	—5.539	+0.607	40.6	2	43 11291
3032	8.0	56 5.42	4.1982	.0173	41 12 37.4	5.517	.591	41.6	3	41 11145
3033	8.6	11.96	4.2262	.0177	41 54 14.5	5.508	.595	38.6	2	41 11147
3034	9.0	13.97	4.2071	.0174	41 21 42.9	5.505	.592	38.6	2	41 11148
3035	9.0	15.75	4.3102	.0190	43 54 46.3	5.503	.606	38.6	2	43 11302
3036	7.9	16 56 16.21	+4.2121	+0.0174	—41 33 9.7	—5.502	+0.593	38.6	2	41 11149
3037	8.4	22.71	4.2777	.0184	43 8 46.9	5.493	.602	38.6	2	43 11304
3038	9.1	44.90	4.1574	.0165	40 8 29.6	5.462	.586	38.6	2	40 11056
3039	8.8	52.88	4.2409	.0177	42 14 34.9	5.450	.594	38.5	2	42 11737
3040	7.5	57 34.17	4.2320	.0174	41 59 55.4	5.392	.596	38.5	2	41 11171
3041	8.9	16 57 41.94	+4.2976	+0.0184	—43 34 9.3	—5.382	+0.606	38.6	2	43 11320
3042	9.5	49.96	4.1448	.0163	39 46 25.9	5.370	.584	38.5	2	39 10993
3043	8.8	58 9.60	4.1180	.0156	39 2 55.7	5.343	.581	40.6	2	38 11436
3044	9.4	23.85	4.2522	.0175	42 27 51.3	5.323	.600	40.6	2	42 11757
3045	8.3	26.11	4.1984	.0167	41 7 57.1	5.320	.592	40.6	2	41 11188
3046	8.7	16 58 33.86	+4.1317	+0.0157	—39 24 7.3	—5.309	+0.583	40.6	2	39 11015
3047	8.6	37.67	4.1503	.0160	39 53 28.5	5.303	.586	40.6	2	39 11019
3048	8.7	40.36	4.2564	.0175	42 33 22.9	5.300	.601	41.2	3	42 11761
3049	8.7	46.07	4.1099	.0154	38 48 42.0	5.291	.580	41.6	2	38 11455
3050	8.9	46.14	4.1900	.0165	40 54 28.2	5.291	.591	40.6	2	40 11083

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
3051	8.9	16ʰ58ᵐ57ˢ.61	+4ˢ.2036	+0ˢ.0166	−41°14′49″.7	−5″.275	+0″.593	38.6	2	41°11197
3052	8.8	58.70	4.3124	.0183	43 52 0.0	5.274	.609	38.6	2	43 11340
3053	9.0	59 8.33	4.1505	.0158	39 52 45.6	5.260	.586	38.6	2	39 11037
3054	8.2	16.66	4.1880	.0163	40 50 30.4	5.249	.591	38.6	2	40 11088
3055	9.1	18.20	4.2062	.0166	41 18 4.6	5.246	.594	38.6	2	41 11205
3056	9.3	16 59 28.31	+4.3082	+0.0181	−43 45 18.3	−5.235	+0.608	38.6	2	43 11350
3057	8.9	44.60	4.0974	.0150	38 26 28.4	5.209	.579	38.5	2	38 11469
3058	7.3	54.11	4.1568	.0157	40 1 2.4	5.196	.587	38.5	2	39 11055
3059	9.0	17 0 2.08	4.1447	.0155	39 41 49.7	5.185	.586	38.6	2	39 11038
3060	8.0	18.94	4.3236	.0181	44 4 46.6	5.161	.611	39.6	3	43 11366
3061	9.1	17 0 26.52	+4.2732	+0.0173	−42 55 58.9	−5.150	+0.604	40.6	2	42 11788
3062	9.0	32.60	4.1282	.0152	39 14 36.9	5.142	.584	40.6	2	39 11064
3063	9.2	35.31	4.2990	.0176	43 30 11.8	5.138	.608	40.6	2	43 11372
3064	8.0	38.95	4.1193	.0150	39 0 7.7	5.133	.582	40.6	2	38 11490
3065	8.1	41.48	4.1000	.0148	38 28 48.6	5.129	.580	40.6	2	38 11491
3066	8.9	17 0 51.20	+4.1138	+0.0153	−38 50 56.4	−5.115	+0.582	38.6	2	38 11495
3067	7.6	55.49	4.2882	.0180	43 14 18.1	5.109	.606	38.6	2	43 11380
3068	9.2	1 21.90	4.1293	.0150	39 14 50.3	5.072	.584	38.6	2	39 11086
3069	8.3	31.30	4.1572	.0154	39 58 32.7	5.059	.588	38.6	2	39 11090
3070	8.5	32.95	4.1036	.0146	38 33 0.9	5.057	.581	38.6	2	38 11521
3071	8.5	17 1 42.41	+4.2039	+0.0162	−41 9 51.1	−5.043	+0.595	38.6	2	41 11243
3072	8.0	49.87	4.1990	.0159	41 2 12.8	5.033	.594	38.5	2	40 11131
3073	9.0	50.13	4.0867	.0144	38 4 47.1	5.032	.579	38.5	2	37 11250
3074	9.0	57.70	4.2525	.0166	42 21 8.3	5.022	.602	38.5	2	42 11811
3075	9.1	2 3 36	4.2466	.0164	42 12 26.5	5.013	.601	38.6	2	42 11813
3076	8.7	17 2 31.25	+4.1001	+0.0144	−38 25 30.4	−4.974	+0.581	40.6	2	38 11533
3077	9.4	33.40	4.2746	.0154	42 51 57.9	4.972	.606	41.1	2	42 11823
3078	8.8	43.30	4.1446	.0149	39 36 26.5	4.957	.588	40.6	2	39 11111
3079	8.6	46.45	4.1052	.0144	38 33 25.2	4.953	.582	40.6	2	38 11541
3080	7.5	3 2.73	4.1310	.0146	39 14 17.4	4.930	.586	40.6	2	39 11113
3081	8.5	17 3 15.79	+4.0911	+0.0141	−38 9 23.6	−4.911	+0.580	40.6	2	38 11547
3082	8.6	23.14	4.2233	.0158	41 35 39.4	4.901	.599	41.6	3	41 11264
3083	9.1	28.75	4.2719	.0164	42 46 15.1	4.893	.606	41.6	2	42 11838
3084	8.0	31.95	4.0989	.0141	38 21 37.5	4.888	.581	41.6	2	38 11549
3085	8.7	32.54	4.2851	.0166	43 4 56.0	4.888	.608	41.6	2	42 11839
3086	9.0	17 3 33.07	+4.2414	+0.0160	−42 1 59.2	−4.887	+0.602	38.7	2	41 11267
3087	9.3	35.44	4.1167	.0143	38 50 25.6	4.883	.584	38.7	2	38 11552
3088	9.0	51.36	4.2142	.0155	41 21 8.3	4.861	.598	38.6	2	41 11270
3089	9.1	52.07	4.1462	.0146	39 36 49.1	4.860	.588	38.6	2	39 11121
3090	7.9	4 5.65	4.0590	.0135	37 14 32.3	4.841	.576	39.6	3	37 11290
3091	8.0	17 4 9.13	+4.2693	+0.0161	−42 41 16.0	−4.836	+0.606	38.6	2	42 11852
3092	8.3	13.90	4.2788	.0163	42 54 41.7	4.829	.607	38.6	2	42 11854
3093	8.7	15.76	4.1142	.0141	38 45 5.4	4.826	.584	38.6	2	38 11558
3094	8.4	21.28	4.2363	.0157	41 53 0.8	4.819	.598	38.5	2	41 11277
3095	9.0	33.73	4.0894	.0137	38 4 16.2	4.801	.581	38.6	2	37 11294
3096	7.1	17 4 34.28	+4.2230	+0.0155	−41 32 57.8	−4.800	+0.600	38.5	2	41 11282
3097	8.3	34.34	4.2086	.0153	41 11 25.3	4.800	.598	38.5	2	41 11283
3098	8.0	36.73	4.2273	.0155	41 39 15.2	4.797	.600	40.6	2	41 11285
3099	7.3	47.06	4.1997	.0151	40 57 36.7	4.783	.596	41.0-41.1	3-2	40 11176
3100	8.9	54.08	4.2443	.0157	42 3 40.2	4.772	.603	40.6	2	41 11287

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var Sec	Epoca 1900 +	N° obs.	Gc. D.
3101	8.8	17h 5m 6.46	+4.2682	+0.0159	−42°37′49.″9	−4.″755	+0.″606	40.6	2	42°11864
3102	8.0	8.59	4.1932	.0149	40 47 8.8	4.752	.596	40.6	2	40 11182
3103	8.7	10.77	4.1599	.0145	39 55 51.2	4.748	.591	40.6	2	39 11142
3104	8.2	12.69	4.1064	.0138	38 30 51.0	4.746	.584	41.6	3	38 11570
3105	7.3	15.93	4.1349	.0142	39 16 26.1	4.741	.588	41.6	3	39 11145
3106	8.3	17 5 19.90	+4.1179	+0.0140	−38 49 9 5	−4.736	+0.585	41.6	2	38 11572
3107	9.3	43.82	4.0825	.0134	37 50 53.2	4.702	.580	41.6	2	37 11315
3108	8.9	48.37	4.2573	.0156	42 20 59.9	4.695	.605	38.7	2	42 11878
3109	8.4	6 14.83	4.1699	.0144	40 9 32.6	4.658	.593	38.7	2	40 11198
3110	9.5	33.21	4.2653	.0155	42 31 11.0	4.632	.607	38.6	2	42 11888
3111	8.9	17 6 40.42	+4.2031	+0.0147	−40 59 24.7	−4.621	+0.598	38.6	2	40 11205
3112	8.6	40.75	4.1098	.0135	38 33 43.1	4.621	.585	38.6	2	38 11593
3113	9.0	41.78	4.1790	.0144	40 22 42.8	4.619	.595	39.6	3	40 11207
3114	8.7	57.51	4.1067	.0134	38 28 19.0	4.597	.585	38.6	2	38 11602
3115	7.8	7 30.72	4.2196	.0147	41 22 42.7	4.550	.601	38.6	2	41 11331
3116	7.2	17 7 34.27	+4.2302	+0.0148	−41 38 13.3	−4.545	+0.602	38.5	2	41 11333
3117	9.0	8 0.55	4.1034	.0132	38 21 3.2	4.508	.585	38.5	2	38 11620
3118	9.0	5.80	4.2339	.0147	41 42 46.6	4.500	.603	38.6	2	41 11340
3119	7.8	12.79	4.0831	.0129	37 47 33.8	4.490	.582	38.5	2	37 11355
3120	8.7	17.53	4.2433	.0148	41 56 13.6	4.484	.605	40.6	2	41 11345
3121	9.1	17 8 24.20	+4.0944	+0.0130	−38 5 49.7	−4.475	+0.584	41.1	2	38 11626
3122	9.1	32.04	4.0716	.0127	37 28 3.8	4.463	.580	40.6	2	37 11361
3123	8.8	42.62	4.2722	.0150	42 37 14.5	4.448	.609	40.6	2	42 11925
3124	6.0	48.73	4.1453	.0135	39 26 46.0	4.439	.591	40.6	2	39 11182
3125	6.8	50.20	4.1195	.0132	38 45 42.4	4.437	.587	41.6	3	38 11632
3126	8.0	17 8 51.16	+4.1041	+0.0130	−38 20 48.7	−4.436	+0.585	40.6	2	38 11633
3127	8.5	57.35	4.1360	.0133	39 11 46.4	4.427	.590	41.6	2	39 11185
3128	9.5	9 4.53	4.0584	.0124	37 5 4.8	4.417	.579	41.6	2	36 11317
3129	9.0	19.54	4.2350	.0144	41 42 13.3	4.395	.604	41.6	2	41 11365
3130	8.9	25.25	4.0702	.0125	37 24 15.6	4.387	.581	38.7	2	37 11379
3131	8.9	17 9 35.17	+4.0830	+0.0126	−37 45 6.0	−4.373	+0.583	38.7	2	37 11380
3132	9.1	41.74	4.1189	.0129	38 43 16.6	4.364	.588	38.6	2	38 11647
3133	6.5	44.72	4.0883	.0126	37 53 37.3	4.360	.583	38.6	2	37 11383
3134	9.1	48.37	4.0623	.0123	37 10 20.4	4.355	.580	38.6	2	37 11385
3135	9.2	52.10	4.1300	.0130	39 0 44.6	4.349	.590	39.6	3	38 11649
3136	8.9	17 10 6.38	+4.0771	+0.0124	−37 34 33.9	−4.329	+0.582	38.6	2	37 11389
3137	9.3	6.73	4.1279	.0129	38 57 7.4	4.328	.589	38.6	2	38 11653
3138	8.5	19.81	4.0866	.0124	37 49 52.4	4.310	.584	38.5	2	37 11393
3139	7.8	21.20	4.2296	.0140	41 32 40.5	4.308	.604	38.5	2	41 11380
3140	7.0	28.38	4.1016	.0126	38 14 12.7	4.297	.586	38.5	2	38 11663
3141	9.0	17 10 31.42	+4.0838	+0.0124	−37 44 58.7	−4.293	+0.583	38.6	2	37 11395
3142	8.5	48.01	4.0776	.0122	37 34 16.5	4.270	.582	39.9	3	37 11401
3143	8.4	54.54	4.1103	.0126	38 27 33.8	4.260	.587	40.6	2	38 11669
3144	8.3	58.59	4.2251	.0139	41 24 58.8	4.254	.604	40.6	2	41 11392
3145	7.0	59.51	4.1577	.0131	39 42 33.8	4.253	.594	40.6	2	39 11212
3146	8.5	17 11 26.72	+4.1795	+0.0132	−40 15 37.1	−4.214	+0.597	40.6	2	40 11250
3147	7.7	32.74	4.1270	.0126	38 53 22.6	4.206	.590	40.6	2	38 11675
3148	8.5	33.60	4.0364	.0116	36 23 50.4	4.205	.577	41.6	2	36 11355
3149	8.7	37.83	4.0032	.0113	35 26 33.4	4.199	.572	41.6	3-2	35 11421
3150	8.7	38.13	4.2091	.0135	41 0 7.1	4.198	.602	41.6	3	40 11251

Nº	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	Nº obs.	Co. D.
3151	7.9	17ʰ11ᵐ45ˢ38	+4ˢ2070	+0ˢ0134	−40°56′47″8	−4″188	+0″601	41.6	2	40°11252
3152	9.0	50.22	4.1540	.0128	39 35 33.5	4.181	.594	38.7	2	39 11228
3153	7.0	57.01	4.1001	.0122	38 9 25.2	4.171	.586	38.7	2	38 11680
3154	8.6	59.43	4.0168	.0115	35 49 33.1	4.168	.574	38.6	2	35 11422
3155	9.0	12 8.11	4.2098	.0134	41 0 19.3	4.155	.602	38.6	2	40 11257
3156	6.4	17 12 10.89	+4.1142	+0.0123	−38 31 53.1	−4.151	+0.588	38.6	2	38 11686
3157	8.3	20.17	4.1897	.0131	40 29 42.6	4.138	.599	39.6	3	40 11259
3158	9.1	40.81	4.1248	.0123	38 47 59.7	4.109	.590	38.6	2	38 11694
3159	8.0	45.38	4.1055	.0121	38 16 53.6	4.102	.588	38.6	2	38 11696
3160	7.6	50.43	4.1536	.0126	39 33 20.7	4.095	.594	38.5	2	39 11253
3161	8.5	17 12 57.41	+4.1174	+0.0122	−38 35 47.3	−4.085	+0.589	38.5	2	38 11699
3162	7.0	13 1.27	4.0130	.0111	35 41 23.4	4.079	.574	38.5	2	35 11426
3163	8.5	8.54	4.2031	.0130	40 48 42.3	4.069	.602	38.6	2	40 11270
3164	8.3	23.87	4.0722	.0116	37 21 19.5	4.048	.583	41.0	3-2	37 11435
3165	8.9	32.26	4.0043	.0109	35 25 33.7	4.035	.573	40.6	2	35 11432
3166	7.3	17 13 37.39	+4.1475	+0.0123	−39 22 30.9	−4.028	+0.594	40.6	2	39 11270
3167	9.0	41.85	4.1614	.0124	39 44 7.5	4.022	.596	40.6	2	39 11273
3168	8.8	55.45	4.1331	.0121	38 59 25.1	4.002	.592	40.6	2	38 11717
3169	8.0	14 0.35	4.0071	.0108	35 29 42.7	3.995	.574	40.6	2	35 11441
3170	8.7	3.42	3.9831	.0106	34 47 36.2	3.991	.571	41.6	2	34 11610
3171	8.3	17 14 6.44	+4.0067	+0.0108	−35 28 59.9	−3.986	+0.574	41.6	2	35 11445
3172	8.6	10.49	4.1190	.0119	38 36 33.8	3.981	.590	41.6	3-2	38 11722
3173	8.0	11.74	4.0676	.0114	37 12 31.4	3.979	.583	41.6	2	37 11445
3174	8.4	25.48	3.9963	.0106	35 10 16.4	3.959	.573	38.7	2	35 11448
3175	7.0	40.20	4.1010	.0116	38 6 40.0	3.938	.588	38.6	2	38 11730
3176	6.8	17 14 43.74	+4.1586	+0.0122	−39 38 15.7	−3.933	+0.596	38.7	2	39 11288
3177	8.6	15 5.05	4.1248	.0118	38 44 23.0	3 903	.591	38.6	2	38 11740
3178	7.9	5.35	4.1532	.0120	39 29 22.2	3.902	.595	38.6	2	39 11297
3179	8.0	16.76	4.0269	.0108	36 2 5.1	3.886	.577	38.6	2	35 11457
3180	8.0	22.08	4.1525	.0120	39 27 50.2	3.878	.596	39.6	3	39 11302
3181	8.6	17 15 23.98	+3.9603	+0.0101	−34 4 57 9	−3.876	+0.568	38.5	2	33 11950
3182	8.2	26.99	4.1651	.0121	39 47 13.3	3.871	.597	38.5	2	39 11303
3183	8.9	31.12	4.1624	.0120	39 43 2 6	3.865	.597	38.6	2	39 11306
3184	6.0	31.65	3.9891	.0104	34 56 7.5	3.865	.572	38.6	2	34 11626
3185	8.0	36.13	4.0762	.0112	37 24 42.2	3.858	.585	38.5	2	37 11459
3186	8.3	17 15 42.19	+4.0995	+0.0114	−38 2 48.1	−3.850	+0.588	40.6	2	37 11460
3187	8.7	46.98	4.0187	.0106	35 47 20.4	3.843	.576	40.6	2	35 11466
3188	8.9	48.40	4.1642	.0120	39 45 20.2	3.841	.597	40.6	2	39 11312
3189	7.5	51.71	4.0726	.0111	37 18 27.5	3.836	.584	40.6	2	37 11462
3190	7.5	59.10	4.0963	.0113	37 57 8.7	3.825	.588	40.6	2	37 11463
3191	8.7	17 16 19.50	+4.1450	+0.0117	−39 14 38.4	−3.796	+0.595	40.6	2	39 11328
3192	8.0	54.02	4.1446	.0115	39 13 9.9	3.747	.595	41.6	4	39 11334
3193	8.1	59.33	4.1226	.0113	38 38 14.2	3.739	.592	41.6	2	38 11767
3194	7.3	17 17.77	4.0981	.0110	37 58 15.9	3.713	.588	41.6	2	37 11487
3195	8.3	24.27	4.1217	.0112	38 36 10.4	3.703	.592	41.6	2	38 11773
3196	9.2	17 17 31.52	+4.0478	+0.0107	−36 34 38.7	−3.693	+0.581	38.7	2	36 11422
3197	9.0	31.66	4.1552	.0117	39 28 59.5	3.693	.596	38.7	2	39 11350
3198	9.1	18 5.14	3.9699	.0097	34 18 41.4	3.645	.571	38.6	2	34 11651
3199	8.7	5.66	4.0123	.0100	35 33 7.7	3.644	.577	38.6	2	35 11495
3200	9.0	6.42	4.1139	.0110	38 22 41.2	3.643	.591	38.6	2	38 11783

N°	Mag.	α 1950.0	Prec	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
3201	8.3	17h18m26s.61	+4s.0038	+0s.0099	−35°17′58″.5	−3″.613	+0″.576	39.6	3	35°11497
3202	9.0	40.90	3.9389	.0093	33 22 0.1	3.594	.566	38.6	2	33 11996
3203	8.3	57.99	4.0654	.0103	37 2 11.2	3.569	.585	38.6	2	36 11438
3204	8.0	19 9.02	4.0451	.0101	36 27 57.7	3.553	.582	38.5	2	36 11442
3205	9.0	13.42	4.0055	.0098	35 20 0.8	3.549	.573	38.5	2	35 11504
3206	6.9	17 19 14.37	+4.0918	+0.0105	−37 45 26.6	−3.545	+0.588	38.5	2	37 11507
3207	6.7	16.23	4.0240	.0099	35 51 52.9	3.543	.579	40.6	2	35 11505
3208	7.5	16.41	4.1065	.0106	38 9 17.8	3.543	.591	38.6	2	38 11801
3209	8.5	22.08	4.0865	.0104	37 36 31.9	3.534	.588	40.6	2	37 11510
3210	9.0	26.22	4.1061	.0106	38 8 22.0	3.529	.591	40.6	2	38 11803
3211	6.5	17 19 30.91	+4.0707	+0.0102	−37 10 22.6	−3.522	+0.586	40.6	2	37 11512
3212	8.9	35.39	3.9529	.0092	33 46 13.8	3.516	.569	41.0	3-2	33 12006
3213	8.9	41.14	3.9329	.0091	33 9 39.0	3.507	.566	41.6	2	33 12010
3214	8.7	46.74	4.1199	.0106	38 30 8.7	3.499	.593	40.6	2	38 11810
3215	8.6	52.86	4.0991	.0104	37 56 27.5	3.490	.590	41.6	2	37 11514
3216	8.1	17 19 59.95	+3.9533	+0.0090	−33 46 24.6	−3.480	+0.569	41.6	2	33 12012
3217	8.0	20 6.39	4.0661	.0101	37 1 52.1	3.471	.585	41.6	2	36 11433
3218	9.1	18.21	4.1210	.0105	38 31 17.9	3.454	.593	38.7	2	38 11820
3219	9.4	34.26	4.1006	.0104	37 58 1.5	3.431	.590	38.7	2	37 11528
3220	7.3	49.18	3.9867	.0093	34 44 59.4	3.409	.574	38.6	2	34 11665
3221	8.1	17 21 5.69	+3.9345	+0.0088	−33 10 56.5	−3.386	+0.567	38.6	2	33 12023
3222	8.0	20.61	4.0449	.0096	36 24 52.4	3.364	.583	38.6	2	36 11473
3223	9.0	24.24	4.0541	.0097	36 40 14.4	3.359	.584	39.6	3	36 11474
3224	9.3	32.09	4.0714	.0098	37 8 52.5	3.348	.587	38.6	3	37 11548
3225	6.5	43.24	3.9840	.0091	34 39 4.5	3.332	.574	38.6	2	34 11674
3226	7.6	17 21 49.47	+3.9795	+0.0090	−34 31 3.2	−3.323	+0.574	38.5	2	34 11676
3227	6.8	54.47	3.9751	.0089	34 23 6.0	3.316	.573	38.5	2	34 11677
3228	7.5	22 0.08	3.9691	.0089	34 12 18.7	3.307	.572	38.6	2	34 11679
3229	9.3	7.66	3.9436	.0087	33 26 22.9	3.297	.568	40.6	2	33 12037
3230	8.0	8.67	4.0608	.0096	36 50 33.0	3.295	.585	38.5	2	36 11485
3231	8.7	17 22 18.25	+3.9438	+0.0086	−33 26 26.7	−3.281	+0.568	41.6	2	33 12043
3232	8.2	20.92	4.0209	.0092	35 42 42.3	3.278	.580	40.6	2	35 11543
3233	8.5	34.95	3.9898	.0089	34 48 26.2	3.257	.575	40.6	2	34 11683
3234	8.5	41.66	4.0874	.0097	37 33 59.3	3.248	.589	40.6	2	37 11569
3235	8.3	48.28	3.9246	.0084	32 50 45.8	3.238	.566	41.0	3-2	32 12726
3236	8.9	17 22 50.47	+3.9800	+0.0088	−34 30 51.5	−3.235	+0.574	40.6	2	34 11685
3237	7.5	23 5.70	4.0696	.0095	37 4 9.7	3.213	.587	41.6	2	36 11494
3238	8.3	18.42	3.9275	.0083	32 55 31.4	3.195	.566	41.6	2	32 12737
3239	7.6	22.72	3.9647	.0086	34 2 59.4	3.189	.572	41.6	2	33 12069
3240	7.3	26.09	3.8969	.0081	31 58 45.3	3.184	.562	41.6	2	31 14029
3241	8.7	17 23 32.48	+3.9151	+0.0082	−32 32 25.1	−3.175	+0.565	38.7	2	32 12739
3242	8.0	24 5.24	3.9142	.0081	32 30 15.1	3.127	.565	38.7	2	32 12748
3243	7.0	17.46	4.0732	.0092	37 8 39.6	3.110	.588	38.6	2	37 11589
3244	7.6	24.83	4.0495	.0090	36 29 4.0	3.099	.584	38.6	2	36 11526
3245	8.0	40.11	4.0625	.0090	36 50 29.2	3.077	.586	38.6	3	36 11531
3246	8.9	17 24 55.72	+3.9833	+0.0084	−34 34 13.5	−3.055	+0.575	39.6	3	34 11710
3247	9.4	25 14.04	3.9058	.0078	32 13 29.9	3.028	.564	38.6	2	32 12773
3248	8.7	22.33	3.9490	.0081	33 32 34.0	3.016	.570	38.6	2	33 12096
3249	7.5	26.83	3.8779	.0076	31 20 38.5	3.010	.560	38.5	2	31 14077
3250	6.6	32.89	4.0594	.0088	36 44 18.6	3.001	.586	38.5	2	36 11546

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
3251	8.2	17h25m45s.62	+3s.9302	+0s.0079	−32°57′54″.3	−2″.983	+0″.568	38.6	2	34°12786
3252	7.5	58.52	3.8829	.0075	31 29 42.0	2.966	.561	38.6	2	31 14091
3253	8.4	26 7.48	3.9554	.0080	33 43 13.8	2.951	.572	40.6	2	33 12107
3254	6.8	47.69	3.9543	.0079	33 40 41.2	2.894	.572	41.0	3	33 12117
3255	8.0	54.26	4.0277	.0083	35 49 17.8	2.884	.582	40.6	2	35 11632
3256	7.5	17 27 0.27	+3.9022	+0.0075	−32 5 1.0	−2.875	+0.564	40.6	2	32 12820
3257	8.7	0.63	3.9802	.0080	34 26 32.6	2.875	.575	40.6	2	34 11730
3258	7.8	11.32	3.9822	.0080	34 30 4.8	2.859	.576	41.6	2	34 11732
3259	8.5	15.54	3.9525	.0078	33 36 58.9	2.853	.572	40.6	2	33 12122
3260	7.7	24.96	3.9006	.0074	32 1 26.7	2.840	.564	41.6	2	31 14133
3261	7.5	17 27 30.58	+3.9512	+0.0077	−33 34 21.5	−2.831	+0.571	41.6	2	33 12126
3262	8.3	44.50	4.0296	.0082	35 51 46.3	2.813	.583	41.6	2	35 11645
3263	8.7	59.54	3.9427	.0076	33 18 32.1	2.791	.567	38.7	2	33 12134
3264	8.4	28 8.89	3.8986	.0073	31 55 59.4	2.777	.564	38.7	2	31 14155
3265	8.7	12.71	4.0362	.0081	36 2 25.6	2.772	.584	38.6	2	35 11653
3266	6.0	17 28 29.39	+3.9549	+0.0075	−33 39 59.3	−2.747	+0.572	38.6	2	33 12149
3267	8.9	33.37	3.9281	.0074	32 51 18.3	2.742	.568	38.6	2	32 12855
3268	8.9	45.63	4.0395	.0080	36 7 31.2	2.724	.585	39.6	3	36 11614
3269	8.9	46.59	3.8938	.0071	31 47 29.9	2.723	.564	38.6	2	31 14174
3270	7.5	52.61	3.8850	.0071	31 30 48.2	2.714	.562	38.6	2	31 14178
3271	8.9	17 28 57.62	+3.9085	+0.0072	−32 14 50.1	−2.707	+0.566	38.5	2	32 12866
3272	6.4	29 5.78	3.9746	.0076	34 14 36.2	2.695	.575	38.5	2	34 11757
3273	9.0	18.15	3.9994	.0077	34 58 3.3	2.677	.579	38.5	2	34 11759
3274	7.6	19.66	3.9585	.0074	33 45 40.5	2.675	.573	38.6	2	33 12159
3275	9.2	22.58	3.8404	.0067	30 5 3.1	2.671	.556	40.6	2	30 14361
3276	7.5	17 29 49.10	+3.9342	+0.0072	−33 1 23.1	−2.632	+0.570	40.6	2	32 12883
3277	8.2	50.58	3.8992	.0070	31 56 41.0	2.630	.565	40.6	2	31 14202
3278	8.5	30 8.30	3.8712	.0067	31 3 38.4	2.605	.561	40.6	2	31 14215
3279	8.0	37.56	3.9686	.0072	34 2 35.1	2.562	.575	40.6	2	33 12184
3280	7.6	48.99	3.8502	.0065	30 22 39.0	2.546	.558	40.6	2	30 14399
3281	7.8	17 30 52.66	+4.0257	+0.0075	−35 42 1.3	−2.540	+0.583	41.6	2	35 11724
3282	8.2	53.69	3.8707	.0066	31 1 58.2	2.539	.561	41.6	2	30 14403
3283	9.0	31 7.10	3.9052	.0068	32 6 42.6	2.520	.566	41.6	2	32 12923
3284	7.3	24.00	3.8966	.0067	31 50 21.4	2.495	.565	41.6	3	31 14242
3285	8.7	26.00	3.8787	.0066	31 16 41.5	2.492	.562	38.7	2	31 14243
3286	6.7	17 31 26.30	+3.9195	+0.0068	−32 32 56.3	−2.492	+0.568	38.7	2	32 12935
3287	7.8	28.64	3.9974	.0072	34 52 34.9	2.488	.579	38.6	2	34 11793
3288	8.2	28.99	3.8150	.0062	29 13 23.3	2.488	.553	38.6	2	29 13735
3289	9.2	29.77	3.8449	.0064	30 11 50.2	2.486	.557	38.6	2	30 14420
3290	9.3	51.71	3.9282	.0067	32 48 36.1	2.455	.569	39.6	3	32 12952
3291	8.9	17 31 59.36	+3.8442	+0.0063	−30 10 5.1	−2.444	+0.557	38.6	2	30 14431
3292	8.8	32 8.55	3.8952	.0065	31 47 7.1	2.431	.565	38.6	2	31 14257
3293	8.2	13.57	3.9581	.0068	33 42 29.3	2.423	.574	38.5	2	33 12228
3294	8.5	36.31	3.9620	.0068	33 49 3.6	2.390	.574	38.6	2	33 12235
3295	8.3	38.79	3.9481	.0067	33 24 3.7	2.387	.572	38.5	2	33 12237
3296	8.5	17 32 58.87	+3.9441	+0.0066	−33 16 32.2	−2.358	+0.572	38.5	2	33 12246
3297	8.4	59.92	3.8552	.0062	30 30 40.9	2.356	.559	40.6	2	30 14458
3298	9.2	33 3.29	3.9240	.0065	32 39 53.7	2.351	.569	40.6	2	32 12981
3299	8.9	7.56	3.7950	.0059	28 32 28.7	2.345	.550	40.6	2	28 13334
3300	8.5	8.91	3.9878	.0068	34 34 21.9	2.343	.578	40.6	2	34 11835

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
3301	8.9	17h33m28s01	+3s8079	+0s0058	−28°57′50″7	−2″316	+0″552	40.6	2	28°13337
3302	7.2	43.15	3.9059	.0063	32 5 52.6	2.294	.567	40.6	2	32 13005
3303	8.2	53.18	3.9088	.0063	32 11 8.5	2.279	.567	41.6	2	32 13008
3304	8.8	34 10.87	3.9079	.0062	32 9 17.0	2.253	.567	41.6	2	32 13015
3305	7.4	18.03	3.9798	.0065	34 19 20.8	2.243	.577	41.6	3.2	34 11863
3306	9.0	17 34 32.67	+3.7978	+0.0056	−28 37 3.4	−2.222	+0.551	38.7	2	28 13358
3307	8.0	34.83	3.7916	.0056	28 24 29.7	2.219	.550	41.6	3	28 13359
3308	8.0	37.43	3.8674	.0060	30 52 49.0	2.215	.561	38.7	2	30 14305
3309	9.3	44.01	3.8405	.0058	30 0 58.3	2.206	.557	38.6	3	29 13805
3310	8.2	59.66	3.9307	.0062	32 50 41.5	2.183	.570	38.6	2	32 13037
3311	7.1	17 35 2.81	+3.7801	+0.0055	−28 1 5.5	−2.178	+0.549	38.6	2	27 11764
3312	8.5	20.53	3.9368	.0061	33 1 26.5	2.153	.574	39.6	3	32 13044
3313	8.6	21.69	3.9702	.0065	34 1 26.8	2.151	.576	38.6	2	33 12301
3314	8.7	23.49	3.9348	.0061	32 57 43.8	2.148	.571	38.6	2	32 13046
3315	8.6	35.21	3.8435	.0061	30 6 12.4	2.131	.558	38.5	2	30 14531
3316	7.5	17 35 51.22	+3.7912	+0.0054	−28 23 1.9	−2.108	+0.550	38.5	2	28 13387
3317	8.6	36 1.96	3.7625	.0053	27 24 53.5	2.092	.546	38.5	2	27 11783
3318	8.7	8.93	3.8632	.0057	30 47 32.4	2.082	.559	40.6	2	30 14542
3319	7.5	9.00	3.8253	.0055	29 30 13.6	2.082	.555	41.1	4	29 13829
3320	8.3	10.37	3.9564	.0061	33 36 16.1	2.080	.574	38.6	2	33 12318
3321	8.5	17 36 12.53	+3.9538	+0.0061	−33 31 34.0	−2.077	+0.574	40.6	2	33 12319
3322	8.0	14.70	3.8385	.0056	29 55 57.7	2.074	.557	40.6	2	29 13830
3323	8.9	18.82	3.8196	.0054	29 19 1.3	2.068	.555	40.6	2	29 13832
3324	7.3	21.73	3.9133	.0058	32 17 36.5	2.064	.568	40.6	2	32 13072
3325	9.2	37.57	3.9152	.0058	32 20 56.2	2.041	.568	41.6	3	32 13081
3326	8.5	17 36 39.33	+3.9402	+0.0059	−33 6 47.2	−2.038	+0.572	41.6	2	33 12328
3327	8.0	43.31	3.9174	.0058	32 25 1.3	2.033	.569	41.6	2	32 13085
3328	7.2	45.37	3.9096	.0057	32 10 28.7	2.030	.568	41.6	3	32 13086
3329	7.9	55.33	3.9114	.0057	32 13 49.6	2.015	.568	38.7	2	32 13102
3330	8.9	37 5.80	3.9117	.0057	32 14 17.6	2.000	.568	38.7	2	32 13115
3331	8.6	17 37 8.88	+3.8469	+0.0054	−30 11 40.8	−1.996	+0.559	38.6	3	30 14564
3332	7.8	13.34	3.8072	.0052	28 53 50.5	1.989	.553	38.6	3	28 13418
3333	8.7	14.15	3.9278	.0058	32 43 43.9	1.988	.570	38.6	2	32 13121
3334	7.8	27.74	3.9084	.0056	32 7 48.8	1.968	.568	39.6	3	32 13129
3335	8.8	31.83	3.8540	.0054	30 25 3.3	1.963	.560	38.6	2	30 14569
3336	8.0	17 37 33.98	+3.7764	+0.0051	−27 52 2.7	−1.959	+0.549	38.6	2	27 11796
3337	8.0	40.60	3.9305	.0060	32 48 27.3	1.950	.571	38.5	2	32 13140
3338	8.5	41.27	3.8280	.0052	29 34 28.2	1.948	.556	38.5	2	29 13853
3339	8.0	44.25	3.7617	.0053	27 22 13.7	1.944	.546	38.6	2	27 11801
3340	8.9	51.37	3.7818	.0050	28 2 52.5	1.934	.549	40.6	2	27 11805
3341	8.6	17 37 52.92	+3.9126	+0.0056	−32 15 14.7	−1.932	+0.568	38.5	2	32 13152
3342	8.0	38 22.40	3.9073	.0054	32 5 15.9	1.889	.568	40.6	2	32 13169
3343	8.9	29.31	3.8410	.0052	29 59 19.4	1.879	.558	40.6	2	29 13868
3344	8.7	43.17	3.8830	.0052	31 19 34.5	1.859	.564	40.6	2	31 14423
3345	9.0	47.22	3.8128	.0050	29 4 5.1	1.853	.554	40.6	2	29 13875
3346	8.2	17 38 50.69	+3.8560	+0.0052	−30 28 7.1	−1.848	+0.560	40.6	2	30 14595
3347	7.8	39 0.56	3.9209	.0054	32 30 0.3	1.833	.570	41.6	2	32 13185
3348	7.9	15.77	3.8236	.0050	29 24 55.7	1.811	.556	41.6	2	29 13881
3349	8.7	20.08	3.8026	.0049	28 43 30.7	1.805	.553	41.6	2	28 13452
3350	8.0	23.27	3.7895	.0048	28 17 23.8	1.800	.551	38.7	2	28 13455

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
3351	8.5	17h39m25s.18	+3s.8632	+0s.0051	−30°41′38″.9	−1″.798	+0″.562	41.6	3	30°14606
3352	8.9	41.03	3.7756	.0047	27 49 16.5	1.775	.549	38.6	3	27 11841
3353	9.3	41.41	3.8953	.0052	31 41 59.5	1.777	.566	38.7	2	31 14446
3354	9.2	54.82	3.8390	.0052	29 54 43.9	1.755	.558	38.6	2	29 13894
3355	8.5	57.42	3.8392	.0049	29 54 57.3	1.751	.558	38.6	2	29 13895
3356	7.8	17 40 8.67	+3.7770	+0.0047	−27 51 42.9	−1.735	+0.549	39.6	3	27 11850
3357	8.0	17.57	3.8467	.0049	30 9 17.1	1.722	.559	38.6	2	30 14623
3358	9.1	49.61	3.8261	.0047	29 29 4.3	1.675	.556	38.5	2	29 13911
3359	8.0	50.09	3.7309	.0044	26 17 5.4	1.674	.543	38.5	2	26 12272
3360	8.1	50.53	3.8814	.0049	31 15 13.8	1.674	.564	38.6	2	31 14471
3361	8.7	17 41 5.78	+3.7646	+0.0045	−27 26 12.7	−1.652	+0.548	38.6	2	27 11866
3362	8.5	27.57	3.7861	.0045	28 9 26.9	1.619	.551	38.5	2	28 13519
3363	8.0	37.68	3.7580	.0044	27 12 30.3	1.605	.547	40.6	2	27 11872
3364	8.6	41.62	3.7393	.0043	26 34 4.3	1.600	.544	40.6	2	26 12290
3365	8.9	54.39	3.8474	.0046	30 9 47.5	1.581	.560	40.6	2	30 14654
3366	8.5	17 42 4.81	+3.8371	+0.0045	−29 49 50.7	−1.566	+0.558	40.6	2	29 13929
3367	8.3	6.06	3.8766	.0047	31 5 29.4	1.564	.564	40.6	2	31 14501
3368	8.9	12.29	3.7958	.0044	28 28 34.7	1.555	.552	41.6	2	28 13540
3369	8.7	13.38	3.7041	.0042	25 20 25.0	1.553	539	41.6	3-2	25 12255
3370	8.5	14.30	3.7824	.0044	28 1 32.1	1.552	.548	41.6	2	27 11884
3371	8.7	17 42 15.80	+3.8749	+0.0046	−31 2 12.9	−1.550	+0.564	40.6	2	31 14505
3372	8.5	19.51	3.8725	.0046	30 57 42.9	1.544	.563	41.6	3	30 14663
3373	8.1	22.30	3.7830	.0043	28 2 44.9	1.540	.550	38.7	2	27 11888
3374	7.8	27.47	3.7932	.0044	28 23 13.5	1.533	.552	38.7	2	28 13545
3375	8.7	42.42	3.7580	.0042	27 11 51.2	1.511	.547	38.6	3	27 11899
3376	7.5	17 42 53.90	+3.7508	+0.0042	−26 57 12.3	−1.494	+0.546	38.6	2	26 12317
3377	8.7	43 18.76	3.7285	.0040	26 10 54.9	1.458	.543	38.6	2	26 12327
3378	8.0	22.53	3.7647	.0041	27 25 13.8	1.453	.548	38.6	2	27 11914
3379	8.7	23.65	3.7694	.0041	27 34 56.3	1.451	.549	38.6	2	27 11915
3380	8.0	25.62	3.8318	.0043	29 38 50.8	1.448	.558	39.6	3	29 13960
3381	7.9	17 43 28.61	+3.8234	+0.0043	−29 22 28.3	−1.444	+0.556	38.5	2	29 13961
3382	8.2	32.90	3.8253	.0043	29 26 8.2	1.438	.557	38.5	2	29 13963
3383	8.9	37.14	3.7157	.0040	25 44 12.3	1.432	.541	38.6	2	25 12279
3384	9.2	39.12	3.7371	.0040	26 28 38.6	1.429	.544	38.5	2	26 12334
3385	8.9	52.75	3.8191	.0042	29 13 48.8	1.409	.556	40.6	2	29 13969
3386	8.7	17 43 55.68	+3.6919	+0.0039	−24 53 44.9	−1.405	+0.537	40.6	2	24 13472
3387	8.8	44 27.03	3.7330	.0039	26 19 50.3	1.359	.543	40.6	2	26 12349
3388	8.9	30.89	3.7956	.0040	28 26 54.3	1.353	.552	40.6	2	28 13590
3389	8.0	38.65	3.6998	.0038	25 10 18.8	1.342	.539	40.6	2	25 12300
3390	8.5	42.21	3.8706	.0042	30 52 52.1	1.337	.564	40.6	2	30 14711
3391	8.8	17 45 1.84	+3.8047	+0.0042	−28 44 48.7	−1.308	+0.554	41.6	2	28 13599
3392	7.9	13.72	3.8519	.0041	30 17 0.3	1.291	.561	41.6	2	30 14727
3393	6.7	20.10	3.7515	.0038	26 57 29.7	1.282	.546	41.6	2	26 12367
3394	9.0	26.01	3.8264	.0040	29 27 30.2	1.273	.560	41.6	2-3	29 14017
3395	8.3	41.27	3.7892	.0038	28 13 50.1	1.251	.552	38.7	2	28 13622
3396	8.2	17 45 54.43	+3.7161	+0.0036	−25 44 3.1	−1.232	+0.541	38.7	2	25 12324
3397	6.8	46 3.80	3.8614	.0039	30 34 54.7	1.218	.562	38.6	3	30 14748
3398	9.0	11.13	3.7664	.0037	27 27 35.2	1.208	.548	38.6	2	27 11969
3399	9.3	12.45	3.6763	.0035	24 19 40.8	1.206	.535	38.6	2	24 13512
3400	8.0	14.70	3.8255	.0038	29 25 24.4	1.202	.557	38.6	2	29 14036

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co. D.
3401	8.3	17h46m16s.92	+3s.8218	+0s.0038	−29°17′59″.4	−1″.199	+0″.556	39.6	3	29°14038
3402	8.3	18.10	3.6492	.0034	23 21 14.5	1.197	.531	38.6	2	23 13589
3403	9.1	30.94	3.7229	.0036	25 58 2.9	1.179	.542	38.6	3	25 13335
3404	9.0	35.53	3.7942	.0037	28 23 28.9	1.172	.553	38.5	2	28 13644
3405	9.1	35.73	3.7884	.0037	28 11 44.5	1.172	.552	38.5	2	28 13646
3406	9.1	17 46 50.04	+3.8058	+0.0037	−28 46 22.0	−1.151	+0.554	38.5	2	28 13656
3407	7.4	53.90	3.6726	.0034	24 11 33.1	1.145	.535	40.6	2	24 13521
3408	8.2	57.99	3.7470	.0035	26 47 48.7	1.139	.546	40.6	2	26 12402
3409	8.0	47 11.28	3.7330	.0035	26 18 43.8	1.120	.544	40.6	2	26 12407
3410	9.0	11.31	3.7073	.0034	25 25 9.0	1.120	.540	40.6	2	25 12347
3411	8.2	17 47 12.56	+3.6427	+0.0033	−23 6 55.0	−1.118	+0.531	40.6	2	23 13598
3412	7.5	13.34	3.7544	.0035	27 2 50.1	1.117	.547	40.6	2	27 11991
3413	8.1	24.93	3.6908	.0034	24 50 21.3	1.100	.538	41.6	2	24 13532
3414	8.1	29.99	3.8209	.0036	29 15 55.6	1.093	.556	41.6	2	29 14067
3415	8.6	53.24	3.8022	.0035	28 38 46.2	1.059	.554	41.6	2	28 13690
3416	8.6	17 47 59.19	+3.7644	+0.0034	−27 22 54.7	−1.050	+0.548	41.6	2-3	27 12009
3417	8.6	48 0.74	3.7773	.0034	27 49 0.7	1.048	.550	38.7	2	27 12010
3418	7.8	5.49	3.6371	.0032	22 54 25.9	1.041	.530	38.7	2	22 4436 B. D.
3419	8.7	12.12	3.6813	.0032	24 29 50.0	1.032	.536	38.6	3	24 13544
3420	8.5	33.61	3.7492	.0033	26 51 47.5	1.000	.546	38.6	2	26 12444
3421	7.4	17 48 36.01	+3.6581	+0.0032	−23 39 54.8	−0.997	+0.533	38.6	2	23 13617
3422	8.9	42.44	3.8062	.0034	28 46 27.8	0.987	.555	38.7	1	28 13717
3423	8.2	57.03	3.7499	.0032	26 52 59.3	0.966	.546	39.6	3	26 12453
3424	8.9	49 4.00	3.8058	.0033	28 45 42.9	0.956	.554	40.1	2	28 13731
3425	8.0	4.10	3.7970	.0033	28 28 5.3	0.956	.553	38.6	2	28 13735
3426	8.0	17 49 17.34	+3.6304	+0.0030	−22 39 30.0	−0.937	+0.529	38.5	2	22 4441 B. D.
3427	8.4	27.86	3.7558	.0032	27 4 53.1	0.921	.547	38.6	2	27 12050
3428	8.5	29.52	3.7104	.0031	25 30 53.6	0.919	.541	38.6	3	25 12387
3429	8.3	51.28	3.6733	.0030	24 12 16.2	0.887	.535	38.5	2	24 13575
3430	9.0	54.81	3.7337	.0031	26 19 24.2	0.882	.544	40.6	2	26 12480
3431	8.7	17 49 55.89	+3.6863	+0.0030	−24 40 4.0	−0.880	+0.537	40.6	2	24 13579
3432	7.8	50 8.10	3.7717	.0031	27 37 6.7	0.863	.550	41.2	4-5	27 12062
3433	8.3	12.31	3.6270	.0029	22 31 36.2	0.856	.528	40.6	2	22 4446 B. D.
3434	9.4	14.29	3.7242	.0030	25 59 36.7	0.854	.543	40.6	2	25 12399
3435	8.7	23.90	3.6891	.0030	24 45 52.8	0.840	.537	41.6	2-3	24 13585
3436	6.8	17 50 25.98	+3.7615	+0.0030	−27 16 23.3	−0.836	+0.548	41.6	2	27 12070
3437	9.5	26.92	3.7946	.0031	28 22 59.7	0.835	.553	40.6	2	28 13777
3438	8.1	37.85	3.8036	.0031	28 40 44.5	0.819	.554	41.6	2	28 13783
3439	8.8	50.89	3.6837	.0029	24 34 16.5	0.800	.537	41.6	2-3	24 13593
3440	8.9	51 22.81	3.7425	.0029	26 37 16 0	0.754	.545	38.7	2	26 12509
3441	9.4	17 51 32.14	+3.7822	+0.0029	−27 57 53.8	−0.740	+0.551	38.7	2	27 12091
3442	9.2	43.99	3.6877	.0028	24 42 31.3	0.723	.538	38.6	2	24 13610
3443	6.0	49.27	3.6925	.0028	24 52 43.8	0.715	.538	38.6	2	24 13615
3444	8.6	58.05	3.6394	.0027	22 58 23.3	0.702	.530	38.6	2	22 4454 B. D.
3445	9.0	52 2.89	3.7331	.0028	26 17 42.3	0.695	.544	38.6	2	26 12524
3446	7.8	17 52 29.65	+3.7515	+0.0027	−26 55 25.3	−0.656	+0.547	38.6	2	26 12535
3447	8.4	53 2.25	3.7015	.0026	25 11 29.2	0.609	.540	38.6	2	25 12447
3448	7.8	9.28	3.7151	.0026	25 39 58.8	0.599	.541	38.5	2	25 12451
3449	7.8	9.32	3.6252	.0025	22 27 10.7	0.599	.528	38.6	3	22 4460 B. D.
3450	8.8	16.78	3.7034	.0026	25 15 21.8	0.588	.540	38.6	2	25 12455

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	Co.D.
3451	7.8	17h53m17s.00	+3s.7469	+0s.0026	−26°45′56″.6	−0″.587	+0″.546	38.5	2	26°12551
3452	7.2	20.63	3.6115	.0025	21 56 56.9	0.582	.526	40 6	2	21 4779 B. D.
3453	8.0	26.92	3.6508	.0025	23 23 2.0	0.573	.532	40.6	2	23 13669
3454	8.3	49.06	3.7577	.0025	27 7 47.7	0.541	.548	40.6	2	27 12143
3455	8.7	50.32	3.6871	.0025	24 40 56.6	0.539	.538	40.6	2	24 13657
3456	8.2	17 53 56.50	+3.6797	+0.0025	−24 25 2.9	−0.530	+0.536	40.6	2	24 13659
3457	7.2	54 4.06	3.6661	.0024	23 56 1.7	0.519	.534	40.6	2	23 13678
3458	9.0	5.03	3.6960	.0024	24 59 42.9	0.517	.539	41.6	2	24 13662
3459	9.2	11.24	3.6442	.0024	23 8 35.5	0.508	.531	41.6	2	23 13681
3460	9.6	21.68	3.7070	.0024	25 22 57.9	0.493	.540	41.6	2	25 12482
3461	8.8	17 54 29.36	+3.6984	+0.0024	−25 4 38.7	−0.482	+0.539	41.6	2	25 12484
3462	9.3	52.76	3.6284	.0023	22 33 53.3	0 448	.529	38.7	2	22 4468 B. D.
3463	9.1	55 5.54	3.5750	.0023	20 35 12.0	0.429	.521	38.7	2	20 4927 B. D.
3464	8.0	15.03	3.7002	.0023	25 8 18.9	0.415	.539	38.6	2	25 12503
3465	8.6	16.35	3.6596	.0023	23 41 52.5	0.413	.534	38.6	2	23 13705
3466	9.9	17 55 16.87	+3.7007	+0.0023	−25 9 29.6	−0.413	+0.540	38.7	1	25 12504
3467	8.9	20.32	3.7274	.0023	26 5 16.9	0.408	.543	38 6	2	26 12606
3468	8.6	48.93	3.7192	.0022	25 48 14.3	0.366	.542	39.6	3	25 12519
3469	6.8	55.75	3.6270	.0022	22 30 52.2	0.356	.529	38.5	2	22 4474 B. D.
3470	8.6	55.78	3.6233	.0022	22 22 43.8	0.356	.528	38.6	2	22 4475 B. D.
3471	9.0	17 55 56.62	+3.7015	+0.0022	−25 11 11.7	−0.355	+0.540	38.6	2	25 12523
3472	8.0	56 5.43	3.5611	.0021	20 3 33.6	0 342	.519	38.5	2	20 4934 B. D.
3473	8.3	5.99	3.6490	.0021	23 18 46.9	0.341	.532	38.6	3	23 13721
3474	8.0	10.09	3.7196	.0022	25 48 57.5	0.335	.542	38.6	2	25 12526
3475	8.8	16.26	3.7365	.0020	26 24 2.6	0.326	.545	40.6	2	26 12626
3476	8.5	17 56 18.35	+3.5474	+0.0021	−19 32 14.8	−0.323	+0.535	40.6	2	19 4784 B. D
3477	7.3	24.95	3.6257	.0021	22 27 51.8	0.314	.528	40.6	2	22 4478 B. D
3478	8.0	32.17	3.5873	.0021	21 2 34.9	0.303	.523	40.6	2	21 4806 B. D
3479	5.0	44.29	3.6629	.0021	23 48 47.6	0.285	.534	40.6	2	23 13731
3480	8.3	49.33	3.7008	.0020	25 9 35.7	0.278	.540	40.6	2	25 12542
3481	8.1	17 56 54.93	+3.6987	+0.0020	−25 5 4.7	−0.270	+0.539	41.6	2	25 12544
3482	7.5	59.37	3.6280	.0020	22 32 48.3	0.263	.529	41 6	2	22 4484 B. D.
3483	6.5	57 1.53	3.5685	.0020	20 20 14.3	0.260	.520	41 6	2	20 4940 B. D.
3484	7.2	7.48	3.6760	.0020	24 16 54.9	0.251	.536	41 6	2	24 13736
3485	9.4	22.96	3.5986	.0020	21 27 55.2	0.229	.525	38.7	2	21 4813 B. D.
3486	7.6	17 57 27.61	+3.5393	+0.0020	−19 13 46.9	−0.222	+0.516	38 6	2	19 4789 B. D.
3487	8.9	37.90	3.6871	.0019	24 40 34.1	0.207	.537	38 7	2	24 13743
3488	8.7	43.62	3.5519	.0019	19 42 34.3	0.199	.518	39 6	3	19 4792 B. D.
3489	8.5	46.30	3.6903	.0019	24 47 14.2	0 195	.538	38 6	2	24 13744
3490	8.5	48.42	3.6740	.0013	24 12 30.0	0.192	.536	38.6	2	24 13745
3491	8.9	17 57 52 12	+3.6200	+0.0019	−22 15 15.7	−0.186	+0.528	38.6	2	22 4491 B. D.
3492	8.6	57.18	3.6724	.0019	24 9 13.0	0.179	.535	38.6	2	24 13749
3493	8 7	58.18	3.5858	.0019	20 59 14 1	0.177	.523	38.5	2	20 4944 B. D.
3494	8.7	58 5.63	3.6294	.0019	22 35 51.4	0.167	.529	38.6	3	22 4493 B. D.
3495	8.3	6.16	3.5562	.0019	19 52 19.9	0.166	.518	40.6	2	19 4795 B. D.
3496	8.2	17 58 6.36	+3.5809	+0.0019	−20 48 7.9	−0.166	+0.522	38.5	2	20 4945 B. D.
3497	7.8	7.42	3.6557	.0019	23 33 13.9	0.164	.533	38.6	2	23 13775
3498	7.8	8.16	3.5587	.0019	19 57 56.8	0.163	.519	40.6	2	19 4796 B. D.
3499	8.0	15.44	3.5207	.0019	18 30 46.8	0 152	.513	40 6	2	18 4760 B. D.
3500	7.9	38.10	3.6167	.0018	22 7 54.3	0.119	.527	40.6	2	22 4500 B. D.

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	B. D.
3501	8.0	17h58m43s.99	+3s.6454	+0s.0018	−23°10′42″.3	−0″.112	+0″.531	40.6	2	23°13789 Co.D.
3502	8.5	46.66	3.6726	.0018	24 9 26.5	0.107	.535	40.6	2	24 13765 Co.D.
3503	8.5	48.12	3.6785	.0018	24 22 2.9	0.105	.536	41.6	2	24 13767 Co.D.
3504	6.0	52.61	3.6344	.0018	22 46 51.4	0.098	.530	41.6	2	22 4503
3505	7.0	55.33	3.5361	.0019	19 6 23.5	0.094	.515	41.6	2	19 4800
3506	8.1	17 59 15.02	+3.6927	+0.0017	−24 52 13.1	−0.066	+0.538	41.6	2	24 13775 Co.D.
3507	8.9	21.23	3.6121	.0017	21 57 50.7	0.056	.526	38.7	2	21 4823
3508	8.0	21.36	3.6413	.0017	23 1 54.7	0.056	.531	38.7	2	23 13804 Co.D.
3509	7.8	29.65	3.6379	.0017	22 54 24.5	0.044	.530	38.6	3	22 4510
3510	6.9	38.21	3.5792	.0017	20 44 20.3	0.032	.522	38.6	2	20 4952
3511	8.6	17 59 39.05	+3.5999	+0.0017	−21 30 36.1	−0.031	+0.525	38.6	2	21 4826
3512	5.9	47.17	3.6761	.0016	24 17 1.1	0.019	.536	39.6	3	24 13793 Co.D.
3513	7.0	59.93	3.6528	.0016	22 43 13.0	0.000	.530	38.6	2	22 4516
3514	8.0	18 0 16.82	3.6373	.0016	22 53 11.7	+0.024	.530	38.5	2	22 4520
3515	8.8	23.12	3.6216	.0016	22 18 40.2	0.034	.528	38.6	2	22 4521
3516	8.3	18 0 23.24	+3.6300	+0.0016	−22 37 9.5	+0.034	+0.529	38.6	3	22 4522
3517	8.2	35.61	3.6443	.0015	23 8 26.3	0.052	.531	38.6	2	23 13832 Co.D.
3518	8.9	40.04	3.6501	.0015	23 20 59.5	0.058	.532	38.5	2	23 13836 Co.D.
3519	9.0	48.09	3.6196	.0015	22 14 24.2	0.070	.528	40.6	2	22 4530
3520	6.1	48.45	3.6784	.0015	24 21 49.2	0.070	.536	40.6	2	24 13814 Co.D.
3521	8.0	18 0 52.84	+3.6776	+0.0015	−24 18 54.9	+0.077	+0.536	40.6	2	24 13816 Co.D.
3522	7.4	53.95	3.6361	.0015	22 50 25.7	0.078	.530	40.6	2	22 4533
3523	8.6	59.99	3.5213	.0016	18 32 13.4	0.087	.513	40.6	2	18 4773
3524	8.6	1 1.41	3.6286	.0015	22 34 8.3	0.089	.529	41.0	3	22 4535
3525	8.5	2.11	3.5234	.0016	18 37 0.6	0.090	.514	41.6	2	18 4775
3526	8.0	18 1 3.60	+3.5454	+0.0015	−19 27 44.9	+0.093	+0.517	41.6	2	19 4819
3527	8.4	6.57	3.5547	.0015	19 48 47.5	0.097	.518	38.7	2	19 4821
3528	7.7	11.19	3.6268	.0015	22 30 15.8	0.104	.529	41.6	2	22 4541
3529	8.3	11.48	3.6734	.0014	24 11 11.5	0.104	.535	41.6	2	24 13826 Co.D.
3530	9.3	29.25	3.6728	.0014	24 9 51.3	0.130	.535	38.7	2	24 13839 Co.D.
3531	9.0	18 1 39.38	+3.6332	+0.0014	−23 27 50.0	+0.145	+0.532	38.6	2	23 13859 Co.D.
3532	9.1	45.76	3.6570	.0014	23 36 2.9	0.154	.533	38.6	2	23 13863 Co.D.
3533	8.3	50.56	3.5815	.0014	20 49 31.6	0.161	.522	38.6	2	20 4977
3534	8.9	50.93	3.5345	.0014	19 2 40.8	0.162	.515	38.6	2	19 4828
3535	8.4	52.72	3.6598	.0014	23 42 7.5	0.164	.533	39.6	3	23 13866 Co.D.
3536	8.1	18 2 22.65	+3.6043	+0.0013	−21 40 32.8	+0.208	+0.525	38.6	2	21 4839
3537	7.9	26.20	3.6603	.0013	23 43 13.2	0.213	.533	38.5	2	23 13881 Co.D.
3538	8.5	29.13	3.5901	.0013	21 8 49.3	0.217	.523	38.6	3	21 4842
3539	7.9	35.54	3.5532	.0013	19 45 33.5	0.227	.518	38.6	2	19 4832
3540	9.0	49.93	3.6188	.0013	22 12 35.0	0.248	.527	38.5	2	22 4555
3541	8.0	18 2 58.15	+3.5456	+0.0013	−19 28 3.7	+0.260	+0.517	41.6	2	19 4834
3542	8.3	58.21	3.5520	.0013	19 42 53.5	0.260	.518	40.6	2	19 4835
3543	8.8	3 0.81	3.5585	.0013	19 57 32.9	0.263	.518	40.6	2	19 4836
3544	8.4	4.71	3.6164	.0012	22 7 19.4	0.269	.527	40.6	2	22 4557
3545	8.7	9.71	3.6258	.0012	22 27 55.0	0.276	.528	40.6	2	22 4558
3546	8.8	18 3 10.38	+3.5987	+0.0012	−21 28 2.3	+0.277	+0.524	40.6	2	21 4848
3547	9.0	20.83	3.5480	.0013	19 33 48.2	0.293	.517	41.6	2	19 4838
3548	9.1	21.26	3.6329	.0012	22 43 37.9	0.293	.529	41.6	2	22 4559
3549	8.8	34.16	3.5352	.0012	19 4 25.2	0.312	.515	41.6	2	19 4841
3550	8.9	34.33	3.5718	.0012	20 27 49.7	0.312	.520	41.6	2	20 4987

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	B. D.
3551	8.4	18h 3m44s.69	+3s.6259	+0s.0011	−22°28′15″.4	+0″.327	+0″.528	38.7	2	22°4561
3552	8.9	45.95	3.5330	.0012	18 59 25.8	0.329	.515	38.7	2	18 4789
3553	7.5	48.71	3.6145	.0011	22 3 10.5	0.333	.527	38.6	2	22 4562
3554	7.6	51.06	3.5998	.0012	21 30 42.6	0.337	.524	38.6	2	21 4853
3555	6.8	4 11.28	3.5982	.0011	21 27 2.7	0.366	.524	38.6	2	21 4855
3556	8.6	18 4 20.52	+3.5917	+0.0011	−21 12 31.1	+0.380	+0.523	39.6	3	21 4858
3557	8.6	37.25	3.6164	.0009	22 7 24.0	0.404	.527	38.6	2	22 4570
3558	8.0	42.05	3.6094	.0010	21 52 5.3	0.411	.526	38.6	2	21 4861
3559	8.5	44.99	3.5082	.0012	18 2 0.9	0.415	.511	38.6	3	18 4795
3560	8.0	48.07	3.6372	.0010	22 53 14.9	0.420	.530	38.5	2	22 4573
3561	5.6	18 4 54.39	+3.4858	+0.0012	−17 9 47.0	+0.429	+0.508	38.6	2	17 5028
3562	8.5	5 8.13	3.4555	.0014	15 58 5.3	0.449	.503	41.1	2	15 4826
3563	8.1	8.23	3.6207	.0010	22 16 57.1	0.449	.527	38.5	2	22 4576
3564	7.8	28.69	3.5930	.0010	21 15 41.7	0.479	.523	40.6	2	21 4864
3565	8.4	29.22	3.5562	.0010	19 52 38.1	0.480	.518	40.6	2	19 4858
3566	7.5	18 5 35.21	+3.4671	+0.0011	−16 25 30.4	+0.489	+0.505	40.6	2	16 4720
3567	8.9	36.01	3.4689	.0011	16 29 52.7	0.490	.505	40.6	2	16 4721
3568	7.0	38.55	3.5983	.0009	21 27 29.2	0.493	.524	41.1	4	21 4866
3569	7.8	43.37	3.5620	.0010	20 5 45.4	0.501	.519	41.6	2	20 5003
3570	8.3	52.29	3.5328	.0010	18 59 6.9	0.513	.514	41.6	2	18 4801
3571	9.0	18 6 4.83	+3.5972	+0.0009	−21 24 58.4	+0.532	+0.524	41.6	2	21 4871
3572	8.2	6.73	3.5564	.0009	19 53 2.5	0.534	.518	41.6	2	19 4863
3573	9.0	9.95	3.5561	.0009	19 52 21.8	0.539	.518	38.7	2	19 4864
3574	9.1	24.02	3.5999	.0008	21 31 7.2	0.560	.524	38.7	2	21 4873
3575	8.3	26.03	3.5606	.0009	20 2 40.0	0.563	.518	38.6	2	20 5011
3576	8.7	18 6 30.62	+3.6016	+0.0008	−21 34 55.6	+0.569	+0.524	38.6	2	21 4875
3577	8.2	39.45	3.5428	.0009	19 22 1.9	0.582	.516	39.6	3	19 4871
3578	7.8	47.84	3.5294	.0009	18 51 16.1	0.594	.514	38.6	2	18 4810
*3579	9.0	50.96	3.4282	.0010	14 53 3.1	0.599	.499	38.6	2	14 4907
3580	6.8	50.96	3.4385	.0010	15 17 33.3	0.599	.501	38.5	2	15 4840
*3581	6.8	18 6 52.96	+3.4049	+0.0010	−13 56 40.2	+0.602	+0.496	38.6	2	13 4863
3582	8.8	7 14.26	3.5950	.0007	21 20 17.0	0.633	.524	38.6	2	21 4879
3583	8.2	14.53	3.5006	.0009	17 44 36.0	0.633	.510	38.6	2-3	17 5045
3584	8.9	18.92	3.4631	.0009	16 16 21.3	0.640	.504	38.5	2	16 4732
*3585	9.1	23.41	3.4107	.0010	14 10 43.9	0.646	.497	41.2	3	14 4910
3586	8.3	18 7 36.75	+3.5012	+0.0008	−17 46 6.8	+0.666	+0.510	40.6	2	17 5048
3587	7.3	39.71	3.4754	.0009	16 45 37.0	0.670	.506	40.6	2	16 4736
3588	7.6	43.91	3.4774	.0009	16 50 8.4	0.676	.506	40.6	2	16 4737
3589	7.8	47.28	3.5945	.0007	21 19 20.7	0.681	.523	40.6	2	21 4884
3590	8.7	54.42	3.5917	.0007	21 13 6.9	0.691	.523	41.0-41.2	3-2	21 4885
3591	7.9	18 8 6.44	+3.5216	+0.0008	−18 33 31.8	+0.709	+0.513	41.6	2	18 4824
*3592	8.4	6.46	3.4246	.0009	14 44 32.6	0.709	.498	41.6	2	14 4914
3593	6.7	16.90	3.5554	.0007	19 51 13.4	0.724	.518	41.6	2	19 4886
3594	8.5	19.37	3.4743	.0008	16 42 56.8	0.728	.506	41.6	2	16 4744
3595	8.8	21.98	3.5448	.0007	19 27 2.7	0.732	.516	38.7	2	19 4888
*3596	9.0	18 8 23.30	+3.4170	+0.0009	−14 26 4.8	+0.734	+0.497	38.6	2	14 4918
3597	8.5	25.26	3.5785	.0006	20 43 28.0	0.736	.521	38.7	2-3	20 5020
3598	8.1	58.37	3.4484	.0008	15 41 33.7	0.785	.502	38.6	2	15 4856
3599	7.4	58.41	3.5708	.0006	20 26 9.9	0.785	.520	38.6	2	20 5027
*3600	8.0	9 16.77	3.4016	.0008	13 49 3.0	0.811	.496	38.6	2	13 4875

N°	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec	Epoca 1900 +	N° obs.	B D.
3601	7.5	18h 9m17s38	+3s5446	+0s0006	−19°26′44″7	+0″812	+0″516	39.6	3	19°4895
*3602	8.4	18.54	3.4067	.0008	14 1 15.0	0.814	.496	38.7	2	14 4928
*3603	9.2	23.59	3.3946	.0008	13 32 5.8	0.821	.494	38.5	2	13 4877
3604	7.5	34.16	3.4660	.0007	16 23 38.8	0.837	.504	38.6	2-3	16 4752
3605	7.8	36.37	3.4407	.0007	15 23 11.7	0.840	.501	38.6	2	15 4864
3606	8.4	18 9 45.39	+3.4566	+0.0007	−16 1 15.7	+0.853	+0.503	38.5	2	16 4753
3607	8.5	54.65	3.4710	.0006	16 35 22.1	0.866	.505	41.1	2	16 4754
3608	8.7	58.37	3.6528	.0005	19 45 33.4	0.872	.517	40.6	2	19 4900
3609	8.0	10 4.23	3.4361	.0007	15 12 22.7	0.880	.500	40.6	2	15 4868
3610	9.3	12.04	3.5703	.0004	20 25 27.8	0.892	.520	40.6	2	20 5037
3611	7.6	18 10 43.01	+3.5173	+0.0004	−18 24 9.9	+0.937	+0.512	40.6	2	18 4843
3612	7.5	43.08	3.4462	.0006	15 36 45.5	0.937	.501	41.6	3	15 4874
3613	8.5	49.78	3.5283	.0004	18 49 30.0	0.947	.513	40.6	2	18 4844
3614	9.1	54.70	3.5330	.0004	19 0 16.6	0.954	.514	41.6	2	19 4909
3615	8.2	56.86	3.5271	.0004	18 46 46.0	0.957	.513	41.6	2	18 4845
*3616	8.6	18 11 15.30	+3.3706	+0.0007	−12 33 29.3	+0.984	+0.490	41.6	2	12 4950
3617	8.9	29.79	3.5112	.0004	18 10 0.0	1.005	.511	38.7	2	18 4851
3618	8.8	37.51	3.5346	.0003	19 4 20.4	1.016	.514	38.7	2	19 4917
3619	10.0	43.92	3.5519	.0003	19 43 51.8	1.026	.516	38.6	2	19 4919
3620	8.4	48.08	3.5275	.0003	18 47 57.3	1.032	.513	38.6	2	18 4856
3621	8.6	18 12 3.50	+3.5317	+0.0003	−18 57 36.2	+1.054	+0.514	38.6	2	18 4857
3622	9.0	4.06	3.5386	.0003	19 13 26.7	1.055	.515	40.0	3	19 4924
3623	7.5	4.34	3.5214	.0003	18 33 56.0	1.055	.512	38.6	2	18 4858
3624	7.0	5.57	3.4408	.0005	15 24 4.3	1.057	.500	39.6	3	15 4889
3625	8.0	19.99	3.5329	.0002	19 0 34.3	1.078	.514	38.5	2	19 4928
3626	8.6	18 12 21.24	+3.4843	+0.0004	−17 7 18.0	+1.080	+0.507	40.6-40.1	3-4	17 5088
*3627	8.5	23.29	3.3695	.0006	12 31 4.5	1.083	.490	38.6	3	12 4953
*3628	8.0	24.62	3.3704	.0006	12 33 12.7	1.086	.490	38.6	2	12 4954
3629	8.0	26.25	3.4773	.0004	16 50 53.9	1.087	.506	38.5	2	16 4771
*3630	8.7	30.14	3.4041	.0005	13 55 36.3	1.093	.495	41.3	3	13 4893
3631	6.8	18 12 34.39	+3.5243	+0.0002	−18 40 42.8	+1.099	+0.513	40.6	2	18 4864
3632	9.0	40.34	3.5456	.0002	19 29 47.6	1.108	.516	40.6	2	19 4933
3633	8.0	47.93	3.4536	.0004	15 54 39.1	1.119	.502	41.3	3	15 4896
3634	9.0	50.79	3.4808	.0003	16 59 18.0	1.123	.506	40.6	2	17 5092
3635	8.4	13 0.03	3.5134	.0002	18 15 30.1	1.136	.512	40.6	2	18 4871
3636	7.5	18 13 2.95	+3.4971	+0.0003	−17 37 32.2	+1.141	+0.508	41.6	2	17 5094
*3637	8.2	5.07	3.3958	.0005	13 35 31.5	1.144	.494	41.6	2	13 4897
3638	8.3	10.53	3.4292	.0004	14 56 29.4	1.152	.498	41.6	3	14 4955
3639	8.6	15.56	3.5278	.0002	18 49 0.1	1.159	.513	41.6	2	18 4873
3640	8.6	41.18	3.5280	.0001	18 49 29.3	1.197	.513	38.7	2	18 4880
*3641	9.1	18 13 53.87	+3.3827	+0.0004	−13 3 47.1	+1.215	+0.492	38.7	2	13 4904
3642	8.1	56.08	3.4693	.0002	16 32 11.1	1 218	.504	38.6	2	16 4786
*3643	8.6	14 1.99	3.3427	.0005	15 25 15.6	1.227	.486	38.6	2	11 4578
*3644	9.2	11.35	3.4022	.0004	13 51 17.6	1.240	.494	38.6	2	13 4906
3645	5.5	17.00	3.4910	.0001	17 23 34.6	1.248	.507	38.6	2	17 5112
*3646	8.6	18 14 32.06	+3.3628	+0.0004	−12 15 4.6	+1.271	+0.489	38.6	2	12 4963
3647	6.0	32.53	3.5190	.0000	18 28 58.0	1.271	.511	38.6	2	18 4886
*3648	8.1	39.76	3.3748	.0004	12 44 35.8	1.282	.490	38.5	2	12 4965
*3649	8.9	43.38	3.3597	.0004	12 7 28.1	1.287	.488	38.6	2-3	12 4969
*3650	8.7	53.20	3.3389	.0005	11 15 57.3	1.301	.485	38.6	2	11 4583

N°	Mag.	α 1930.0	Prec.	Var. Sec.	δ 1930.0	Prec.	Var. Sec.	Epoca 1900 +	N° obs.	B. D.
*3651	8.8	18h14m58s.40	+3s.3693	+0s.0004	−12°31′ 9″.4	+1″.309	+0″.490	38.5	2	12°4970
*3652	8.8	58.78	3.3636	.0004	12 17 0.5	1.309	.489	41.1	2	12 4971
*3653	8.5	15 0.38	3.4081	.0003	14 5 54.4	1.312	.495	40.6	2	14 4975
*3654	8.9	6.01	3.3749	.0004	12 44 57.7	1.320	.490	40.6	2	12 4972
*3655	7.5	9.26	3.3784	.0003	12 53 23.9	1.325	.491	40.6	2	12 4974
*3656	8.7	18 15 15.46	+3.3856	+0.0003	−13 11 4.5	+1.334	+0.492	40.6	2	13 4916
*3657	8.7	16.25	3.3400	.0004	11 18 51.7	1.335	.485	40.6	2	11 4586
*3658	7.5	17.68	3.3631	.0004	12 15 47.3	1.337	.488	41.6	2	12 4980
*3659	8.8	21.87	3.3615	.0004	12 12 0.7	1.343	.488	41.6	2	12 4982
*3660	8.8	32.41	3.3910	.0003	13 24 27.8	1.358	.492	41.6	2	13 4919
*3661	8.9	18 15 36.29	+3.4079	+0.0002	−14 5 34.4	+1.364	+0.495	41.6	2	14 4985
*3662	9.0	44.64	3.3295	.0004	10 52 44.8	1.376	.484	38.6	2	10 4646
*3663	8.8	45.86	3.4011	.0002	13 48 51.2	1.378	.494	38.7	2	13 4925
*3664	8.0	46.23	3.4012	.0002	13 49 17.6	1.378	.494	38.6	3	13 4926
*3665	8.3	47.13	3.4056	.0002	13 59 53.4	1.380	.494	38.6	2	14 4988
*3666	8.3	18 15 52.72	+3.3597	+0.0003	−12 7 38.9	+1.388	+0.488	38.6	3	12 4988
*3667	7.9	16 2.18	3.3682	.0003	12 28 30.0	1.402	.489	38.6	2	12 4991
*3668	6.8	5.24	3.3948	.0002	13 33 44.3	1.406	.493	38.6	2	13 4931
*3669	8.6	5.99	3.4014	.0002	13 49 47.4	1.407	.494	38.7	2	13 4932
*3670	9.0	6.26	3.3331	.0004	11 1 54.8	1.407	.484	38.5	2	11 4590
*3671	8.0	18 16 8.27	+3.4059	+0.0002	−14 0 45.4	+1.410	+0.495	38.6	3	14 4991
*3672	9.3	14.87	3.3598	.0003	12 7 52.8	1.420	.488	38.7	2	12 4994
*3673	9.0	15.90	3.3434	.0003	11 27 29.7	1.421	.485	38.5	2	11 4592
*3674	8.8	19.90	3.3482	.0003	11 39 17.1	1.427	.486	41.4	4	11 4593
*3675	9.1	39.11	3.3315	.0003	10 58 5.1	1.455	.484	41.3-41.1	3-2	11 4594
*3676	8.6	18 16 39.38	+3.3259	+0.0003	−10 44 1.2	+1.456	+0.483	40.6	2	10 4649
*3677	9.0	42.46	3.3198	.0004	10 28 46.8	1.460	.482	40.6	2	10 4650
*3678	7.5	50.45	3.3312	.0003	10 57 19.3	1.472	.484	40.6	2	10 4651
*3679	8.2	54.85	3.3696	.0002	12 32 8.9	1.478	.489	40.6	2	12 5001
*3680	8.1	17 1.10	3.3302	.0003	10 54 45.0	1.487	.483	38.6	2	10 4652
*3681	8.6	18 17 1.18	+3.3693	+0.0002	−12 31 26.7	+1.487	+0.489	41.6	2	12 5002
*3682	8.5	4.32	3.3200	.0003	10 29 34.3	1.492	.482	41.6	2	10 4653
*3683	7.1	5.02	3.3398	.0003	11 18 34.5	1.493	.485	41.6	2	11 4596
3684	5.7	15.88	3.4516	— .0001	15 51 13.5	1.509	.501	41.7	2	15 4927
3685	9.0	23.82	3.4270	.0000	14 52 10.7	1.520	.497	38.7	2	14 5002
*3686	8.6	18 17 43.77	+3.4049	0.0000	−13 58 39.1	+1.549	+0.494	40.2	4	14 5005
*3687	9.1	52.83	3.3395	+ .0002	11 18 7.9	1.562	.484	38.6	2	11 4600
*3688	9.5	18 5.76	3.3748	.0001	12 45 24.5	1.581	.490	38.6	2	12 5014
3689	7.0	10.33	3.4365	— .0001	15 15 16.1	1.588	.499	38.6	2	15 4938
3690	7.2	12.04	3.4302	.0001	15 0 5.5	1.590	.498	38.6	2	15 4939
3691	7.4	18 18 21.51	+3.4653	−0.0002	−16 23 58.7	+1.604	+0.503	38.6	2	16 4829
3692	8.9	26.16	3.4652	.0002	16 23 52.8	1.611	.503	38.6	3	16 4830
*3693	8.7	28.53	3.4007	.0000	13 48 38.1	1.614	.493	38.6	2	13 4947
*3694	9.2	32.76	3.3839	.0000	13 7 37.6	1.620	.491	38.5	2	13 4949
3695	7.7	55.55	3.4639	.0003	16 20 58.1	1.654	.502	38.6	2	16 4836
*3696	7.8	18 19 1.98	+3.3550	0.0000	−11 56 46.5	+1.663	+0.486	38.5	2	11 4606
3697	7.0	21.67	3.4329	— .0002	15 6 57.4	1.691	.498	41.7	2	15 4946
3698	8.7	22.18	3.4329	.0002	15 6 49.4	1.692	.498	40.6	1	15 4946
*3699	8.7	29.43	3.3810	.0001	13 0 47.1	1.703	.490	40.6	2	13 4952
*3700	8.3	45.08	3.3164	+ .0001	10 21 5.1	1.725	.481	40.6	2	10 4670

Nº	Mag.	α 1950.0	Prec.	Var. Sec.	δ 1950.0	Prec.	Var. Sec.	Epoca 1900 +	Nº obs.	B. D.
*3701	8.0	18h19m49s.95	+3s.3535	0s.0000	−11°53′13″.4	+1″.732	+0″.486	40.6	2	11°4613
*3702	8.8	20 5.10	3.3472	.0000	11 37 41.0	1.755	.485	40.6	2	11 4614
*3703	8.8	6.32	3.3395	.0000	11 18 43.3	1.756	.484	40.6	2	11 4616
*3704	6.6	16.36	3.3138	+ .0001	10 14 42.2	1.771	.480	41.6	2	10 4673
*3705	8.2	27.80	3.3958	− .0002	13 37 15.5	1.787	.492	41.6	2	13 4958
*3706	7.4	18 20 30.84	+3.3641	−0.0001	−12 19 36.5	+1.792	+0.487	41.6	2	12 5026
*3707	9.1	47.28	3.3728	.0002	12 41 15.6	1.816	.489	41.6	2	12 5028
*3708	8.0	21 11.07	3.3710	.0002	12 36 43.7	1.850	.488	38.7	2	12 5031
*3709	9.0	22.00	3.3250	.0001	10 42 51.0	1.866	.482	38.6	2	10 4680
*3710	8.7	22.81	3.3624	.0002	12 15 33.2	1.869	.487	38.7	2	12 5033

APÉNDICE I

La Plata. — Catálogo General de Boss

L. P.	Boss	$\Delta\alpha$	$\Delta\delta$	$\Delta E\alpha$	$\Delta E\delta$	L. P.	Boss	$\Delta\alpha$	$\Delta\delta$	$\Delta E\alpha$	$\Delta E\delta$	L. P.	Boss	$\Delta\alpha$	$\Delta\delta$	$\Delta E\alpha$	$\Delta E\delta$
23	9605	+^{s}.02	+0″.4	48.2	54.1	550	11052	+^{s}.01	+0″.7	42.4	47.1	765	11787	−^{s}.11	−0″.6	44.1	49.0
34	9640	−.15	+1.0	38.3	41.7	560	11085	−.06	+0.2	44.6	49.9	793	11914	−.18	+0.5	37.4	39.5
40	9652	.00	+0.1	37.6	42.2	573	11131	−.01	+0.1	35.2	37.8	798	11936	+.06	−0.6	39.8	42.8
64	9716	+.03	+0.7	34.6	40.3	577	11139	+.05	+0.1	33.7	38.2	799	11937	+.09	+0.1	34.2	37.4
74	9741	−.04	+1.6	31.7	35.1	581	11146	.00	+0.4	39.5	43.5	800	11946	−.03	+0.2	31.3	37.1
79	9751	+.03	−1.3	37.3	39.2	586	11161	−.09	−0.8	35.2	37.8	801	11948	+.16	−0.8	39.9	41.5
93	9795	−.02	−1.0	28.7	30.2	585	11162	−.17	+0.7	35.1	35.3	802	11955	−.04	+0.3	40.1	42.5
109	9836	−.04	−0.5	30.2	32.5	591	11175	+.16	−0.1	45.9	49.7	807	11972	−.05	+0.5	41.6	49.6
130	9879	−.02	+1.3	29.0	31.2	597	11182	+.04	−0.2	40.9	43.7	811	11978	−.01	+0.6	31 0	37.4
135	9893	−.04	−1.2	32.2	40.1	598	11192	+.10	+0.5	42.9	47.1	818	12008	−.11	+2.2	35.1	35.4
137	9899	.00	+0.5	42.2	44.8	600	11194	+.05	−0.6	41.4	43.2	819	12010	+.01	+1.7	38.1	43.5
163	9961	−.01	−0.7	34.7	37.0	602	11197	−.02	+0.2	36.6	42.8	829	12062	+.04	−0.1	39.6	41.2
168	9971	+.04	+0.3	48.9	61.0	604	11201	−.03	−0.0	39.2	41.6	830	12065	−.12	+0.5	40.6	44.2
198	10043	−.08	−0.3	32.0	33.4	607	11203	+.11	+2.1	36.3	36.0	831	12066	.06	+0.5	39.8	45.9
240	10115	.00	−0.2	29.0	31.0	608	11208	−.06	+0.6	33.0	37.0	832	12076	−.13	−0.8	37.9	38.6
249	10134	+.01	+1.5	31.5	33.3	609	11209	−.01	+0.6	32.3	36.9	833	12079	−.08	+0.7	36.7	41.1
250	10138	−.03	+1.5	37.1	40.8	610	11215	−.05	+0.9	37.7	38.7	834	12081	−.06	+1.4	36.1	40.1
251	10144	+.01	+1.6	39.8	41.5	612	11217	−.10	+1.7	40.9	42.8	839	12103	−.13	+0.2	40.2	44.5
268	10190	+.04	−0.7	39.4	41.0	616	11239	+.17	+0.3	35.4	38.0	841	12116	+.10	+0.1	36.2	40.2
272	10196	−.18	+0.4	36.5	36.5	617	11240	−.02	+0.2	38.8	39.5	843	12125	−.02	+0.9	32.8	36.5
277	10207	−.12	+0.3	42.2	44.5	621	11250	.00	+0.6	40.7	43.7	846	12135	−.06	+0.9	41.7	44.3
282	10220	.00	−1.0	37.7	38.2	626	11263	−.06	−1.4	42.7	44.4	847	12142	−.06	+0.8	29.3	32.9
289	10231	−.03	−0.7	43.7	45.9	627	11268	+.06	−0.2	41.2	41.7	853	12146	+.04	+0.9	38.6	39.2
293	10266	−.07	−0.6	35.7	39.3	628	11277	−.06	−1.0	33.6	32.5	856	12160	−.08	−0.4	39.4	44.5
300	10281	.00	−0.6	45.7	51.1	633	11288	.00	+0.6	41.7	43.2	863	12189	.00	0.0	34.6	37.6
304	10300	+.03	+0.4	42.3	44.6	641	11321	−.05	−0.7	38.2	37.2	866	12204	−.09	+1.2	31.4	36.0
305	10302	+.01	+0.4	42.0	44.4	643	11334	+.12	+1.5	36.9	36.7	869	12220	−.05	−0.7	38.7	43.8
325	10352	−.13	+0.6	39.6	39.9	644	11336	+.04	−1.6	42.4	44.1	870	12224	+.06	−0.2	41.2	44.7
327	10358	−.06	+0.4	39.6	40.2	645	11337	−.02	+0.4	32.7	43.9	880	12256	+.01	+2 0	41.0	40.9
337	10385	−.01	−0.3	36.4	39.9	649	11343	−.14	−0.1	33.9	36.3	884	12279	+.02	0 0	41.6	52.2
340	10390	−.09	+0.4	38.5	37.1	652	11350	−.05	−0.1	41.4	44.6	886	12286	+.09	−1.0	41.4	46.0
343	10409	−.03	+1.1	32.3	34.0	654	11369	.00	+0.4	40 1	41.4	890	12314	−.05	−0.1	33.5	37.0
345	10413	−.04	−0.7	41.2	43.9	655	11372	+.09	+0.4	35.9	35.3	898	12349	+.01	+0.3	35.7	39.3
347	10417	−.05	+0.2	39 0	41.0	660	11402	−.04	+0.6	31.7	34.1	910	12413	−.07	+0.8	32.2	38 0
354	10434	.00	−0.2	39.5	41.0	661	11405	−.02	+0 3	33.3	35.0	914	12431	+.03	+1.1	30 3	38.7
356	10445	+.02	−0.2	36.3	39.5	662	11411	.00	−0.7	38.8	44.0	917	12442	+.10	+1.3	35.8	40.6
362	10475	−.05	−0.3	44.5	42.6	665	11417	+.02	−0.1	32.6	33.6	921	12460	−.04	+0.4	41.5	45.4
381	10535	−.02	−1.0	40.0	43.4	679	11460	−.15	−0.3	46.8	50.7	933	12497	.00	−0.4	42.7	47.7
390	10550	−.06	+1.2	42.0	43.5	699	11541	+.15	+0.7	40.4	41.4	940	12526	−.01	+0.3	39.2	44.6
392	10556	−.03	+0.8	40.6	43.3	701	11550	−.01	+1.7	36.5	40.8	944	12533	−.01	−0.9	36.7	40.9
396	10562	.00	+0.2	38.2	36.6	702	11555	−.12	+0.3	38.9	44.8	946	12536	−0.1	+0.4	38 3	41.3
437	10698	−.11	0.0	38.1	38.0	709	11596	−.12	+0.2	39.3	44.1	948	12544	+.11	+0.2	42.4	44.9
439	10705	−.17	−0.5	39.8	40.4	717	11610	.00	+0 5	37.7	42.5	949	12545	.00	.00	38.5	42.9
443	10713	+.04	+1.1	41 0	44.3	724	11637	−.01	−0.3	40.4	42.7	951	12558	+.04	+1.0	43 3	47.9
447	10725	−.13	−0.2	39 2	38.0	730	11660	−.02	+0.5	33.9	36.4	955	12572	+.04	+0.8	38.7	43.9
449	10739	−.03	+1.0	42.0	39.8	731	11667	+.15	−1.0	39.3	45.6	957	12578	+.09	+0.9	37 8	43.4
454	10749	+.01	+1.1	48.1	51.4	732	11670	−.08	+0.6	42.7	46.8	963	12589	+.01	+1.4	37 8	44 6
461	10774	−.03	+0.4	33.0	35.3	737	11676	−.06	+0.4	44.8	48.5	969	12629	−.10	+0.1	37.2	37.7
512	10938	−.06	+0.4	44 4	49 5	740	11682	+.10	+1.0	46.7	51.8	976	12651	−.10	+0.1	37.7	39.5
522	10960	−.12	+0.3	35.5	40.9	742	11697	−.07	+1.1	44.9	47.3	980	12663	+.02	+0.8	40.5	44.8
528	10982	.00	−0.5	47.8	51.6	744	11707	−.06	+0.7	31.6	33 3	981	12664	+.04	+1.0	31.5	34.4
532	11002	−.04	−0.5	45.8	50.4	755	11746	−.15	−0 3	38.4	39.5	984	12670	+.06	+1.0	40.8	46.7
543	11044	−.21	+1.7	36.7	37.7	759	11758	−.13	+0.6	34.8	35.9	996	12742	.00	−0.2	38.6	44.7
545	11046	+.18	−0.6	36.7	36.0	763	11770	.00	+0.9	34.8	37.9	998	12745	−.08	+0.2	41.1	42.6

L. P.	Boss	$\Delta\alpha$	$\Delta\delta$	$\Delta E\alpha$	$\Delta E\delta$	L. P.	Boss	$\Delta\alpha$	$\Delta\delta$	$\Delta E\alpha$	$\Delta E\delta$	L. P.	Boss	$\Delta\alpha$	$\Delta\delta$	$\Delta E\alpha$	$\Delta E\delta$
1013	12818	^{s}.00	−0″.3	31.1	35.7	1298	14051	+^{s}.01	+0″.7	37.6	46.5	1466	14890	−^{s}.01	+0″.3	34.7	37.1
1015	12898	+.13	−0.3	37.8	40.0	1320	14164	+.03	+0.1	39.8	46.7	1468	14894	−.07	+1.8	35.8	38.8
1019	12844	−.01	+0.8	33.1	37.2	1321	14176	+.11	+0.9	39.9	46.1	1470	14902	+.13	0.0	35.2	42.6
1022	12859	+.10	+0.6	29.5	32.7	1325	14189	−.16	0.7	33.8	35.2	1474	14924	+.09	−0.3	35.4	38.5
1045	12948	−.03	−0.1	35.6	40.4	1327	14193	−.04	+1.9	38.2	42.7	1476	14927	−.01	+0.6	38.2	43.3
1048	12963	+.01	+0.7	36.7	42.7	1329	14203	−.06	+0.5	32.5	37.2	1477	14942	−.07	+0.4	30.6	33.1
1054	12984	−.11	+0.5	39.2	48.5	1332	14212	−.02	+0.8	33.9	37.4	1488	14978	+.01	−0.1	30.9	34.5
1063	13014	−.04	+2.6	39.8	43.2	1333	14213	+.02	+1.3	38.9	43.5	1489	14991	−.02	+0.8	34.8	36.9
1066	13026	+.08	+1.0	36.3	41.7	1336	14231	+.09	+0.8	33.3	34.7	1493	15011	−.01	+0.7	33.9	38.9
1069	13035	+.04	+0.5	27.8	34.3	1340	14261	+.04	+1.0	35.5	40.8	1498	15044	−.18	+0.5	34.3	39.5
1070	13037	−.06	+0.2	35.4	41.5	1342	14276	−.10	+0.7	32.9	35.4	1501	15054	+.07	+0.4	31.6	36.7
1076	13074	+.10	−0.5	36.7	42.7	1348	14296	+.04	+1.2	35.9	37.4	1512	15104	−.08	−0.6	36.0	42.8
1081	13096	−.01	+1.0	34.4	37.4	1352	14319	−.13	+0.4	35.1	41.4	1523	15160	+.11	+0.3	35.8	40.0
1083	13108	+.04	−0.3	41.7	45.4	1355	14324	−.21	+0.4	33.8	38.2	1528	15187	−.01	+0.3	36.6	39.7
1084	13116	−.13	0.0	41.2	46.5	1360	14364	+.08	0.0	38.0	43.4	1529	15193	+.02	−0.4	34.5	37.3
1086	13123	+.07	−0.1	36.8	41.3	1367	14390	−.04	−0.7	40.7	45.5	1531	15194	−.02	0.0	38.2	43.8
1087	13129	−.07	+1.5	29.8	36.4	1370	14401	−.03	+1.2	29.5	34.1	1532	15202	−.13	+0.6	32.4	35.3
1094	13165	+.02	+1.6	40.1	46.9	1375	14420	−.08	−0.6	36.7	43.1	1537	15232	+.07	+0.8	30.7	31.8
1099	13195	−.13	+0.8	38.5	41.7	1382	14452	+.10	−0.4	35.8	37.4	1539	15245	+.02	−0.5	31.0	34.9
1107	13234	+.05	+0.7	28.5	33.2	1383	14459	−.20	+1.0	32.5	34.5	1541	15250	−.03	+0.5	36.4	41.2
1119	13282	−.05	+0.3	40.3	44.9	1385	14463	−.05	+0.6	33.5	38.0	1542	15254	+.04	−0.6	33.8	37.8
1120	13296	−.07	+0.7	37.6	41.9	1387	14494	+.07	+0.4	34.1	37.9	1545	15267	−.04	+0.1	35.3	36.7
1121	13309	+.08	0.0	37.0	46.8	1389	14500	+.06	−0.1	32.9	33.2	1552	15308	+.19	+0.3	31.6	32.0
1127	13327	−.05	+0.4	38.2	41.5	1390	14508	+.08	+0.6	36.0	39.9	1560	15338	.00	0.0	33.0	37.8
1132	13347	+.06	+0.2	38.4	43.9	1391	14511	−.05	+0.3	34.9	38.5	1570	15371	−.02	+0.4	35.3	38.4
1134	13350	−.07	+0.7	37.4	41.7	1392	14512	−.17	+1.3	33.9	34.5	1575	15387	+.08	+0.6	32.8	33.6
1143	13378	−.07	+0.1	37.6	42.0	1393	14516	−.15	+0.3	31.1	32.2	1576	15391	−.06	+0.2	33.1	35.7
1146	13399	+.03	+0.7	38.3	45.6	1394	14519	−.18	+0.3	33.8	34.9	1579	15406	.00	+1.0	29.0	31.6
1147	13401	+.01	+0.6	37.2	42.0	1395	14522	+.01	+1.3	35.9	40.0	1584	15435	−.10	−0.1	34.3	41.5
1150	13415	−.05	+0.4	38.6	43.2	1396	14523	−.03	+0.8	34.5	38.8	1594	15529	−.11	+0.5	34.9	35.9
1154	13426	−.03	+0.8	29.0	36.0	1402	14573	.00	−0.1	37.6	40.2	1595	15535	−.13	+0.6	32.9	38.7
1163	13453	−.04	+1.2	40.1	45.0	1403	14577	+.06	+2.0	32.8	33.5	1607	15595	+.09	+0.4	36.1	38.9
1182	13526	+.13	+0.3	35.7	39.9	1404	14579	−.05	+0.8	34.5	42.5	1621	15659	−.16	+1.6	33.0	32.1
1183	13527	−.08	0.0	41.4	46.1	1407	14591	−.16	+2.0	35.1	39.1	1632	15708	+.08	−0.1	31.8	36.8
1192	13589	+.04	+0.4	36.6	41.1	1411	14598	+.02	+1.1	36.1	39.1	1633	15712	+.02	+0.9	39.0	39.8
1193	13591	−.09	+1.4	36.3	41.1	1412	14602	−.02	−0.7	33.6	36.6	1637	15738	−.09	+0.6	32.6	33.5
1200	13604	−.01	+1.4	39.3	42.7	1415	14621	−.06	+1.2	33.7	35.8	1640	15754	−.12	+0.2	33.6	34.3
1205	13635	−.03	+0.8	35.0	34.9	1417	14632	−.21	+0.2	28.6	28.3	1642	15761	−.09	+0.5	36.3	41.6
1206	13639	+.07	+0.2	34.5	34.3	1419	14648	+.03	+0.9	35.5	39.4	1648	15788	−.12	+1.0	35.1	37.6
1212	13671	+.08	+0.4	34.2	37.0	1420	14653	+.03	+0.9	33.0	35.3	1649	15796	−.19	+0.4	30.5	29.5
1219	13707	−.05	+0.6	36.2	41.6	1421	14654	+.04	+0.6	36.6	43.7	1652	15805	−.08	+0.3	33.4	37.3
1221	13711	−.02	−0.5	35.0	42.1	1425	14686	−.17	+0.7	30.9	32.1	1654	15823	+.13	+1.6	35.8	38.0
1224	13730	−.12	+1.5	36.4	37.5	1427	14691	+.01	+1.3	34.3	39.3	1664	15862	+.01	+0.8	35.8	39.0
1233	13754	−.16	+0.7	36.8	38.5	1428	14702	−.12	+1.3	35.4	37.1	1666	15888	−.10	+0.1	35.6	38.0
1238	13772	+.08	+1.9	37.6	42.2	1430	14703	−.06	+0.5	36.6	40.8	1667	15897	−.05	+0.3	36.8	40.7
1241	13784	−.01	+0.1	34.2	40.3	1431	14707	−.09	+1.1	43.8	46.3	1672	15913	+.03	+0.7	24.7	28.4
1245	13799	+.07	+0.1	38.2	42.8	1435	14743	.00	+0.3	29.4	37.7	1673	15919	+.03	+0.7	30.7	34.3
1246	13803	−.01	+0.8	39.8	47.1	1436	14754	+.01	+1.1	37.2	41.9	1674	15924	−.02	+0.9	29.6	32.5
1249	13813	−.05	+1.4	37.9	43.0	1438	14756	−.06	+0.5	37.2	41.9	1677	15948	+.14	+0.7	35.7	35.9
1256	13852	−.01	+0.6	36.4	37.3	1443	14764	−.04	+0.5	31.6	36.0	1678	15951	+.01	+1.2	33.1	36.4
1258	13866	+.17	−0.7	36.4	41.0	1444	14772	−.05	+0.9	31.1	31.5	1679	15955	+.05	−0.2	33.3	30.3
1261	13877	+.05	+1.3	37.8	42.9	1446	14782	−.11	+0.6	34.3	38.2	1680	15957	+.03	+0.1	38.4	40.2
1262	13878	−.10	−0.4	33.3	33.7	1447	14784	−.03	+0.3	33.6	39.3	1682	15966	−.07	+1.4	35.2	40.1
1273	13942	−.05	+0.9	34.9	39.3	1448	14786	+.02	+1.1	33.0	32.1	1683	15973	+.06	+1.2	39.7	43.9
1275	13944	+.13	−0.1	35.3	40.5	1453	14815	−.05	+1.1	34.7	37.1	1686	15993	−.04	−0.1	32.8	32.4
1278	13950	+.01	+1.6	36.3	39.3	1455	14823	−.03	0.2	34.8	37.1	1688	15996	−.09	+0.8	30.1	30.6
1280	13962	−.02	+0.3	35.6	39.6	1457	14836	+.07	+1.5	36.1	45.2	1694	16047	+.02	−0.3	30.7	31.3
1289	14007	−.07	+1.1	32.9	35.3	1461	14868	+.12	+0.5	34.1	37.0	1696	16056	−.16	+0.6	34.6	39.5
1290	14013	+.07	+0.6	33.4	39.0	1462	14869	+.06	0.0	36.8	41.0	1697	16070	−.19	+0.6	33.6	35.3
1292	14018	−.05	+0.9	35.8	40.5	1463	14875	−.05	+0.9	34.1	34.2	1699	16077	−.03	+1.0	32.6	36.7

L. P.	Boss	$\Delta\alpha$	$\Delta\delta$	$\Delta E\alpha$	$\Delta E\delta$	L. P.	Boss	$\Delta\alpha$	$\Delta\delta$	$\Delta E\alpha$	$\Delta E\delta$	L. P.	Boss	$\Delta\alpha$	$\Delta\delta$	$\Delta E\alpha$	$\Delta E\delta$
1703	16092	−^{s}03	+0$''$2	28.7	33.3	2020	17875	−^{s}03	+0$''$9	35.5	38.7	2280	19495	−^{s}02	+0$''$8	30.9	38.2
1707	16102	−.15	−0.2	40.8	44.0	2022	17891	−.05	+0.4	31.6	35.5	2295	19602	+.06	+0.6	30.7	33.3
1716	16147	+.01	+0.2	31.5	34.4	2024	17905	−.08	+0.6	34.8	40.6	2301	19637	−.06	+0.2	42.8	44.8
1717	16150	−.16	+1.3	37.2	42.0	2027	17917	−.12	0.0	37.8	41.8	2302	19643	−.04	−0.2	38.1	42.1
1719	16157	+.02	+1.3	31.7	35.8	2032	17955	+.01	+0.9	38.4	41.6	2307	19675	−.08	+0.2	34.1	38.4
1722	16163	−.01	+1.0	27.9	28.4	2038	17994	+.03	+1.0	33.8	38.6	2314	19714	+.01	0.0	38.6	41.3
1729	16201	−.09	−0.8	28.4	34.4	2043	18021	+.17	+0.2	34.0	36.1	2323	19763	+.10	+0.7	33.6	37.9
1732	16213	+.12	+0.3	29.2	35.7	2053	18087	+.01	−0.2	29.3	36.1	2324	19768	−.02	+1.1	29.7	34.4
1735	16230	+.01	+0.6	37.9	41.7	2057	18107	−.04	+0.5	28.4	32.2	2326	19787	+.09	+1.0	39.3	40.8
1739	16239	−.10	+0.3	37.1	40.2	2061	18132	+.06	+0.5	25.9	28.8	2327	19788	−.04	0.0	34.3	38.0
1743	16254	−.08	+0.2	36.1	39.8	2068	18169	+.05	+0.1	31.5	36.8	2336	19830	−.01	+0.9	35.8	40.4
1749	16295	+.04	−0.3	36.0	40.1	2071	18179	+.14	+1.1	33.5	38.8	2349	19913	+.02	+1.0	31.1	35.2
1756	16342	−.03	−0.1	36.0	39.0	2073	18200	−.08	+0.7	33.2	37.2	2351	19914	+.03	+0.6	40.2	41.8
1761	16357	−.02	+0.4	30.0	33.4	2074	18204	−.08	+0.7	35.9	40.6	2353	19922	+.04	−1.0	35.5	39.8
1764	16383	+.03	+0.4	29.0	32.4	2075	18206	+.09	+0.2	36.0	39.8	2354	19926	+.01	+0.2	29.9	35.4
1768	16397	+.04	+0.6	36.5	41.9	2076	18210	−.13	+0.4	35.5	40.2	2359	19958	+.15	−1.2	36.0	39.2
1770	16450	+.05	−0.7	38.4	42.6	2079	18252	−.05	0.0	38.6	40.8	2360	19962	−.01	+0.3	30.9	35.7
1781	16459	+.05	+1.1	29.9	35.2	2081	18259	−.05	−0.1	37.6	42.1	2367	19992	.00	0.0	38.6	40.4
1783	16463	−.02	+0.6	34.5	39.2	2083	18275	+.02	+0.4	38.2	43.4	2373	20031	+.05	−0.7	33.2	36.3
1784	16466	−.10	+1.3	37.0	37.0	2086	18285	+.06	0.0	37.7	42.3	2375	20054	+.04	+0.2	29.0	32.3
1789	16490	−.03	+1.3	30.9	38.2	2094	18340	−.05	+0.7	31.5	34.1	2377	20056	+.08	+0.4	32.7	37.7
1792	16499	+.14	+0.8	30.8	34.8	2099	18372	+.08	+0.8	33.7	37.6	2385	20102	−.01	+1.0	33.4	36.7
1793	16500	.00	0.0	32.7	35.2	2102	18384	.00	+0.2	37.7	42.2	2395	20172	+.01	+1.3	31.4	33.1
1794	16508	+.02	+0.8	31.9	35.8	2112	18437	−.11	+0.9	25.1	29.0	2409	20245	+.06	+0.1	35.3	41.0
1796	16517	+.10	+0.6	36.0	44.1	2114	18472	+.03	+0.2	34.7	36.6	2411	20246	+.01	0.0	38.9	44.5
1797	16519	−.01	+0.5	36.5	39.9	2117	18488	−.10	+0.2	36.4	38.5	2419	20302	−.04	+0.7	35.3	39.5
1799	16551	−.01	+0.1	30.3	31.5	2119	18514	−.11	+0.9	35.9	40.7	2422	20312	+.10	+0.7	35.5	39.2
1817	16666	−.06	+1.7	35.7	38.5	2120	18522	+.05	+0.2	33.3	37.1	2427	20338	−.11	+0.4	31.8	31.1
1818	16661	+0.9	+1.0	35.9	41.9	2131	18591	+.06	+0.4	36.0	41.0	2432	20361	−.01	−0.1	33.5	35.7
1820	16669	−.10	+0.6	31.7	39.0	2133	18598	−.07	+1.1	34.8	40.9	2436	20377	+.05	+0.2	32.1	38.6
1821	16684	−.19	+0.7	35.2	36.5	2135	18610	+.04	+0.6	36.0	39.7	2471	20526	−.09	+0.6	29.7	34.4
1825	16707	+.03	−0.1	31.8	39.0	2142	18646	−.09	−1.1	31.0	35.8	2479	24582	−.10	+0.4	34.5	39.6
1840	16777	+.06	+0.2	33.0	36.8	2143	18650	+.07	+0.7	35.0	41.9	2480	20585	−.12	+0.4	31.6	35.8
1843	16785	+.01	+0.3	28.3	34.9	2145	18663	−.12	−0.8	35.8	39.1	2481	20593	+.09	+0.2	35.3	41.1
1845	16807	−.10	+0.3	36.0	40.5	2154	18727	+.11	+0.6	32.8	40.5	2483	20621	+.17	+0.2	35.7	41.5
1848	16820	−.14	+0.7	34.4	38.6	2155	18729	+.05	+0.3	33.4	42.1	2485	20634	+.04	+0.9	32.8	36.4
1857	16879	+.10	+0.9	37.2	40.8	2158	18748	−.20	−0.2	36.4	38.6	2486	20642	−.01	+1.6	36.7	37.7
1864	16922	−.15	+1.7	29.7	35.5	2163	18777	+.03	+0.2	33.3	38.3	2487	20645	−.12	+0.4	35.3	36.8
1866	16944	+.03	+1.5	35.0	38.7	2165	18801	+.29	+0.2	40.6	43.0	2489	20663	−.03	+0.2	37.8	44.8
1868	16951	.00	+0.6	30.3	31.7	2167	18810	−.24	+0.7	35.6	39.7	2492	20677	−.07	+0.2	28.2	30.9
1870	16968	+.11	+0.8	36.4	38.3	2172	18837	−.01	+0.7	31.6	33.0	2498	20707	+.02	−0.6	36.3	41.4
1874	16993	+.16	+0.5	33.1	37.7	2173	18845	.00	+1.1	29.8	31.7	2517	20778	−.12	+1.1	34.9	40.2
1875	16994	+.05	+1.2	32.4	36.1	2182	18896	+.04	+0.4	31.0	34.8	2527	20854	+.06	0.0	37.1	39.6
1877	16995	−.13	−0.5	36.2	38.1	2183	18905	+.09	−0.1	34.8	38.4	2533	20898	+.07	+0.2	37.6	44.9
1878	17004	−.07	+0.2	35.5	40.2	2186	18931	−.01	−0.2	33.8	36.4	2537	20916	.00	0.0	37.7	44.1
1889	17072	+.06	0.0	36.6	39.1	2204	19022	−.02	+0.2	37.7	42.6	2543	20945	−.04	+0.5	30.5	32.4
1897	17149	+.06	+0.5	38.1	40.6	2205	19024	−.15	+0.3	42.9	45.9	2546	20966	−.02	−0.3	34.2	37.3
1898	17151	+.12	+0.7	39.4	41.3	2207	19037	−.08	+0.8	28.3	28.6	2548	20987	+.02	+0.6	34.0	39.1
1921	17265	−.05	+0.7	38.7	41.3	2210	19052	−.01	+0.2	33.2	33.6	2554	21026	+.01	+0.4	39.4	42.7
1923	17286	−.03	+1.8	33.5	38.3	2211	19057	+.03	+0.2	29.9	34.1	2555	21035	−.04	−0.2	37.0	46.5
1925	17290	−.12	+0.1	32.2	33.9	2214	19087	−.11	+0.7	35.6	38.0	2559	21069	−.09	+0.1	36.0	45.3
1947	17417	+.06	−0.1	37.2	41.4	2222	19126	+.16	+0.5	34.4	39.2	2562	21110	−.01	−0.2	33.6	36.9
1955	17465	−.09	+1.2	34.5	36.4	2228	19151	+.14	+0.2	31.5	34.9	2563	21112	−.09	+0.2	30.5	36.0
1965	17547	−.09	+0.6	33.1	34.9	2233	19194	+.03	+0.6	34.8	38.7	2565	21122	−.03	+0.5	33.2	37.4
1980	17653	−.11	+0.3	36.2	40.9	2236	19212	−.03	−0.8	34.7	35.3	2566	21125	+.05	+1.2	33.4	39.4
1984	17684	−.01	+0.9	34.5	36.9	2245	19257	−.08	−0.4	36.8	38.5	2570	21135	−.03	+0.7	35.7	39.9
1993	17725	+.06	+0.2	42.8	47.5	2249	19292	+.01	+1.2	35.4	39.1	2585	21233	−.07	+1.1	37.2	43.0
2003	17788	+.14	+0.5	41.0	45.3	2252	19302	−.02	+0.3	26.9	32.0	2587	21236	+.03	+0.5	35.6	40.1
2016	17852	−.02	−0.1	36.8	43.5	2274	19461	+.06	+2.0	36.0	40.2	2594	21250	.00	−0.3	30.6	36.0
2017	17857	+.04	+0.1	37.8	40.5	2279	19493	+.04	+0.5	33.0	34.8	2598	21273	−.06	+0.5	30.0	34.8

L. P.	Boss	Δα	Δδ	ΔEα	ΔEδ	L. P.	Boss	Δα	Δδ	ΔEα	ΔEδ	L. P.	Boss	Δα	Δδ	ΔEα	ΔEδ
2605	21306	+ˢ.02	−1″.2	35.9	40.6	2894	22431	+ˢ.04	+0″.5	33.9	38.3	3126	23187	−ˢ.11	+1″.4	35.6	37.8
2613	21326	−.04	+1.8	38.2	44.0	2898	22456	+.05	+1.5	37.4	37.6	3133	23210	−.01	+0.7	38.6	40.2
2615	21344	+.09	−0.5	34.4	39.9	2899	22467	−.17	+1.1	38.9	40.4	3140	23231	+.03	−0.2	38.3	43.2
2645	21441	+.19	+0.9	32.8	32.1	2901	22470	−.17	+1.2	39.9	40.7	3144	23240	−.06	−0.3	38.6	36.6
2646	21450	+.08	+0.1	39.3	47.6	2903	22473	+.13	+0.1	33.9	34.2	3145	23241	−.01	+1.2	40.5	42.8
2651	21488	.00	+0.1	40.3	45.2	2908	22495	−.07	+0.1	36.9	38.6	3153	23258	+.04	−0.2	37.5	41.0
2658	21505	−.01	−1.1	36.0	41.9	2914	22530	−.02	+1.0	39.1	39.3	3156	23270	+.02	−0.1	36.0	41.8
2663	21550	−.10	+0.1	37.0	40.2	2915	22532	+.07	−0.2	39.7	43.5	3162	23295	+.06	−1.3	36.1	36.7
2666	21561	−.09	+0.1	36.7	42.0	2916	22534	+.03	+0.8	30.1	32.5	3166	23310	−.04	−0.4	40.0	43.4
2683	21655	.00	−0.2	38.0	42.9	2918	22543	−.16	+1.6	35.0	35.4	3169	23318	+.03	−0.7	37.7	39.1
2684	21660	+.06	+0.7	39.0	43.1	2919	22545	+.12	+1.2	39.2	44.6	3171	23321	−.15	−0.6	40.9	43.5
2691	21697	−.07	+1.0	35.8	40.5	2920	22557	−.09	+2.2	36.0	36.2	3175	23338	−.10	−0.5	36.0	38.4
2694	21709	−.10	0.0	36.8	42.3	2921	22568	+.01	−0.7	33.1	33.5	3176	23339	−.01	+0.5	33.6	36.3
2699	21741	−.03	+0.7	39.6	43.6	2923	22575	+.07	−1.1	38.0	40.8	3184	23363	−.01	−0.1	36.0	37.2
2707	21779	−.10	+0.2	37.1	41.8	2927	22581	−.08	+0.1	36.2	39.9	3194	23409	−.01	−0.5	42.1	45.1
2709	21782	.00	+0.9	35.1	42.3	2928	22582	+.02	+1.0	36.1	37.2	3206	23462	−.10	+0.7	39.6	43.2
2710	21785	−.01	+0.6	31.9	36.0	2929	22588	+.12	−0.1	38.0	44.2	3207	23463	+.01	+0.3	38.7	39.9
2716	21805	−.10	−0.1	39.1	45.0	2931	22591	−.05	+0.5	35.1	35.5	3208	23464	+.09	+0.3	38.3	42.3
2740	21871	+.01	+0.2	28.8	37.0	2935	22613	−.04	+0.6	37.8	38.4	3211	23471	−.05	+0.9	39.2	42.2
2742	21874	+.01	+0.6	36.7	44.5	2938	22623	+.11	+0.8	36.6	40.8	3220	23510	−.03	+0.3	39.8	39.5
2749	21902	+.17	+0.8	39.0	43.7	2939	22626	−.04	0.0	29.4	30.6	3225	23534	−.03	+1.0	38.3	37.7
2752	21912	−.11	−0.1	39.2	47.3	2941	22635	−.11	−0.5	34.6	35.4	3226	23536	−.03	+0.1	36.5	36.5
2754	21914	−.10	−0.6	38.1	39.1	2943	22652	−.12	+0.3	37.7	41.0	3227	23539	−.01	+0.3	35.4	37.3
2763	21972	−.05	+1.0	28.7	31.7	2953	22669	+.02	+0.5	32.7	39.6	3228	23545	−.03	−0.6	36.3	38.5
2764	21973	+.07	−0.2	36.4	41.7	2957	22676	−.16	+1.3	33.9	34.2	3234	23569	−.23	−0.2	34.8	37.6
2773	21997	−.03	−0.2	32.0	36.4	2960	22684	+.08	−0.6	37.3	42.9	3236	23575	−.09	+0.5	35.4	37.6
2777	22006	−.07	+0.9	38.6	41.1	2961	22692	+.08	+1.5	36.0	41.4	3237	23584	−.17	−0.7	38.1	40.3
2781	22044	.00	−0.1	28.9	31.6	2962	22697	+.03	−0.7	41.4	43.1	3238	23595	−.01	−0.5	42.1	46.0
2785	22051	+.04	−0.1	34.9	39.4	2976	22729	+.01	+0.8	36.3	41.9	3239	23600	+.01	+0.3	40.1	41.2
2796	22092	+.04	−0.1	37.6	41.6	2977	22730	−.02	−0.3	46.5	51.2	3243	23633	−.07	−1.1	36.5	38.7
2800	22104	+.11	−0.2	37.2	42.5	2978	22733	−.01	+0.2	29.7	34.1	3249	23659	−.08	−1.4	42.6	45.5
2801	22106	−.05	+1.0	29.4	36.9	2979	22734	+.11	−0.3	35.3	37.8	3250	23664	+.01	+0.1	43.2	45.7
2808	22129	+.08	−0.2	39.2	42.1	2980	22736	+.08	+0.8	38.4	44.7	3251	23671	.00	+0.6	39.3	41.4
2813	22150	+.02	+0.7	29.4	30.8	2981	22737	−.11	+0.7	37.7	44.4	3252	23672	+.01	+1.5	40.0	44.5
2817	22176	−.04	+0.2	37.1	41.4	2983	22740	−.04	+2.2	34.1	34.1	3254	23682	+.05	−0.6	40.6	41.6
2830	22232	−.13	+1.1	34.9	35.7	2985	22742	+.01	+1.0	38.4	40.3	3260	23695	+.04	+0.9	39.5	38.3
2836	22246	−.07	+0.2	36.9	40.3	2987	22748	+.02	−0.4	31.4	38.2	3266	23721	−.10	−0.4	40.0	39.0
2839	22253	+.14	−1.4	40.0	42.1	2993	22759	+.17	+1.2	35.6	35.3	3269	23729	−.04	−1.3	40.7	45.4
2840	22254	−.01	+0.9	36.3	41.5	2995	22769	−.11	+0.8	35.3	35.5	3272	23737	+.07	−0.6	40.9	43.3
2843	22260	+.09	+0.5	38.1	43.2	2998	22771	−.02	+0.1	34.3	36.0	3276	23751	−.05	+0.7	43.2	43.8
2847	22267	−.01	+0.2	33.3	39.6	3002	22787	+.04	−0.2	38.7	41.6	3277	23753	−.05	+0.3	37.9	37.3
2848	22269	−.02	−0.1	35.7	39.6	3005	22791	−.07	−1.4	36.2	40.0	3284	23802	−.03	+0.3	41.8	43.4
2849	22275	−.13	+1.0	43.1	46.3	3009	22804	+.06	+0.9	35.2	37.8	3286	23804	−.03	+0.5	36.0	37.7
2850	22280	−.10	+0.8	33.1	33.5	3012	22813	−.01	+0.2	37.1	40.3	3302	23856	−.05	+0.5	43.6	46.5
2853	22287	+.04	+1.2	33.2	33.3	3015	22819	−.03	−1.1	37.2	39.4	3305	23869	−.11	−0.6	34.6	35.4
2854	22289	+.03	+1.8	35.2	35.4	3021	22846	−.04	−0.3	36.7	39.4	3307	23877	−.09	+1.3	45.4	48.0
2855	22294	+.02	0.0	33.8	46.9	3031	22873	+.03	+1.0	35.1	35.5	3311	23888	−.08	−0.3	42.4	47.9
2858	22308	−.05	+1.4	35.1	34.4	3035	22884	−.03	−0.5	31.9	32.7	3316	23906	+.01	−0.2	36.8	38.5
2860	22312	.00	−0.5	39.1	42.3	3040	22920	+.09	+0.8	38.1	41.5	3319	23911	+.01	+0.4	38.9	41.7
2864	22331	−.02	+1.1	38.2	40.8	3058	22976	−.09	+0.4	36.8	40.0	3322	23913	−.10	+0.4	41.7	47.8
2866	22336	−.02	+0.1	33.0	33.4	3060	22986	−.15	+0.7	36.8	42.2	3324	23916	−.05	−0.6	43.7	47.2
2873	22362	+.05	+1.9	33.4	32.7	3067	23005	−.02	+1.8	38.0	40.2	3328	23928	−.04	+0.4	33.1	35.8
2875	22365	−.15	−0.1	34.7	35.8	3092	23090	+.02	−0.6	30.1	33.4	3329	23931	−.05	−0.4	39.4	41.8
2878	22376	+.01	+1.3	37.3	37.5	3096	23099	+.06	+0.1	40.6	43.6	3332	23943	−.11	−0.1	42.9	46.8
2880	22380	+.10	+1.0	40.5	44.7	3099	23103	.00	−0.1	37.8	40.4	3334	23950	−.10	−0.5	42.7	43.1
2884	22390	−.11	+0.2	39.6	42.3	3105	23115	−.03	−1.6	38.1	41.9	3336	23952	−.08	+0.5	40.1	42.9
2886	22397	−.03	+1.2	39.6	42.6	3115	23159	+.02	−0.5	31.2	33.2	3342	23973	−.01	+0.3	42.1	43.3
2888	22411	.00	+0.6	37.6	42.4	3120	23177	−.07	+0.5	39.1	39.6	3356	24023	−.04	+0.1	42.1	44.2
2889	22419	+.08	+0.4	29.1	35.3	3124	23184	−.01	+0.1	34.5	34.4	3357	24026	+.04	+0.2	39.8	40.5
2890	22422	−.08	−0.9	39.1	40.0	3125	23185	−.01	+0.6	41.1	44.2	3376	24092	+.02	+0.4	38.3	40.6

L. P.	Boss	Δα	Δδ	ΔEα	ΔEδ	L. P.	Boss	Δα	Δδ	ΔEα	ΔEδ	L. P.	Boss	Δα	Δδ	ΔEα	ΔEδ
3393	24160	—ˢ.01	+3″.1	33.0	33.5	3498	24508	—ˢ.01	+0″.4	30.5	34.0	3558	24686	—ˢ.10	—0″.5	36.9	40.9
3397	24179	—.06	+0.2	39.7	41.4	3500	24520	+.02	—0.3	40.9	43.0	3561	24692	+.01	—0.3	31.7	32.1
3407	24202	—.02	—0.4	40.8	44.3	3504	24526	+.10	—0.1	39.1	39.6	3568	24713	.00	+1.4	41.4	43.4
3412	24209	—.02	+0.5	43.3	45.0	3508	24537	+.03	—0.3	41.8	42.1	3581	24750	+.01	0.0	28.7	28.4
3418	24229	.00	—0.7	37.8	40.0	3509	24543	—.07	+0.1	39.6	40.3	3593	24788	—.01	—0.6	40.1	40.4
3421	24244	—.03	+1.4	41.0	40.9	3510	24548	.00	—0.3	36.9	38.2	3601	24812	.00	+0.9	37.0	39.7
3436	24308	+.10	—0.6	42.0	41.0	3512	24555	+.01	+0.6	38.6	38.8	3631	24900	—.07	+0.1	36.0	36.6
3443	24347	+.01	+0.9	39.0	37.3	3513	24558	—.02	+0.2	42.1	46.5	3645	24946	+.01	—0.3	31.7	30.9
3444	24351	—.03	0.0	38.1	40.9	3517	24571	—.06	—0.1	36.3	39.8	3647	24950	+.04	+0.5	44.7	40.2
3451	24376	+.01	—0.5	38.8	38.8	3520	24574	+.05	—0.2	40.1	41.0	3658	24969	+.07	—1.3	44.8	48.6
3452	24380	—.02	+0.1	39.6	41.0	3521	24577	—.09	+1.2	47.0	49.4	3684	25006	—.06	+0.2	45.0	45.1
3457	24397	+.02	0.0	37.4	38.1	3522	24578	—.03	—0.4	39.4	39.7	3691	25035	.00	+0.1	35.4	39.8
3469	24456	+.05	—0.9	36.9	36.2	3526	24582	+.07	—0.9	36.7	43.9	3692	25037	—.04	+0.2	35.3	39.2
3470	24454	+.04	—0.1	34.0	35.7	3528	24590	+.06	—0.3	42.1	43.4	3695	25052	—.05	—0.6	37.1	44.1
3479	24483	.00	+0.2	45.4	43.5	3536	24626	+.03	+1.5	35.8	35.4	3697	25061	+.07	—0.6	35.3	37.0
3483	24490	.00	0.0	43.5	44.6	3539	24631	+.01	—0.5	36.6	36.2	3698	25062	+.06	+0.2	39.5	42.7
3484	24492	—.01	—0.1	41.4	39.5	3555	24678	—.02	+0.4	34.3	33.3	3704	25086	+.06	—0.5	44.6	46.7

APÉNDICE II

La Plata. — Catálogo de Zonas

L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE
1	2457	—ˢ.03	+0″.7	48.4	30	2498	—ˢ.09	0″.0	50.0	60	2530	—ˢ.04	+0″.4	47.9	94	2910	—ˢ.10	—1″.1	50.8
2	2481	—.04	+0.4	45.5	31	2499	—.08	+0.4	50.8	61	2531	—.29	+2.9	51.1	95	2561	—.13	—0.3	50.7
3	2460	—.08	+0.1	46.2	32	2500	—.02	+1.8	48.8	63	2533	+.05	+1.6	50.4	96	2621	—.12	—1.1	47.2
4	2458	—.23	—1.3	46.7	33	2503	—.02	—0.1	51.3	64	2534	+.10	0.0	50.7	97	2564	+.05	—0.7	51.8
5	2483	+.01	+1.5	44.9	34	2504	—1.85	+10.5	49.9	66	2588	—.14	—0.2	46.5	98	2565	—.07	—0.7	49.5
6	2462	—.02	—4.4	50.3	35	2559	—.04	—0.9	46.3	67	2589	—.31	+2.6	47.2	99	2623	—.05	0.0	44.6
7	2461	—.01	—1.1	50.7	36	2502	—.14	+0.2	48.7	68	2592	—.09	+0.3	46.1	100	2916	—.10	+0.1	50.4
8	2463	+.03	—0.8	49.0	37	2505	—.06	+0.6	50.0	69	2593	—.13	—0.2	46.1	101	2568	—.09	+1.9	50.5
9	2464	.00	—0.7	50.4	38	2507	+.07	—0.4	49.0	70	2596	—.13	—0.3	46.8	102	2625	+.12	—3.3	45.8
10	2467	—.12	+0.6	50.7	39	2509	+.01	+0.7	47.2	71	2595	—.16	+0.1	44.5	103	2920	—.06	—0.7	50.8
11	2492	—.10	+0.3	46.4	40	2563	—.12	+0.3	46.4	73	2599	—.10	—0.2	46.8	104	2627	—.09	+0.1	46.3
12	2468	—.17	+0.7	51.2	41	2508	—.04	+1.9	49.4	74	2601	—.01	—2.1	45.0	105	2629	—.18	—0.4	46.3
13	2471	—.05	+0.3	50.6	42	2510	+.08	+0.1	47.7	75	2600	—.03	+1.7	45.4	106	2630	—.10	—2.4	46.4
14	2473	—.01	—0.4	51.5	43	2513	—.03	+1.4	50.7	76	2546	—.06	+0.4	50.8	107	2631	—.07	+1.5	46.0
15	2474	—.03	0.0	49.5	44	2512	—.12	—0.5	48.6	77	2551	—.09	+2.2	50.1	108	2633	—.06	+2.3	43.2
16	2476	—.08	0.0	51.0	45	2571	—.13	+0.5	43.0	78	2605	—.15	+1.0	45.3	109	2925	—.02	+0.2	47.0
17	2478	+.04	0.0	49.8	46	2572	—.07	+0.2	46.6	79	2606	—.08	—0.5	45.8	110	2634	—.05	+0.5	45.6
18	2482	—.02	—0.6	49.9	47	2515	—.03	—0.9	49.0	81	2608	—.11	—2.1	45.9	111	2636	—.09	—1.1	46.0
19	2484	+.03	—2.1	49.1	48	2516	—.13	—0.9	51.8	82	2552	—.10	+0.7	50.8	112	2635	—.09	—0.9	46.4
20	2485	+.03	—1.4	48.5	49	2518	+.05	+1.2	50.9	83	2610	—.14	+1.7	44.5	113	2926	—.17	+0.8	50.0
21	2487	—.09	+0.9	51.4	50	2522	—.25	+0.1	48.0	84	2555	—.03	+1.4	48.9	114	2929	—.11	+0.4	52.1
22	2488	+.07	+0.4	51.4	51	2523	+.10	+2.4	48.9	85	2557	—.07	—1.4	51.3	115	2638	—.03	—0.9	46.1
23	2489	—.03	+0.4	49.4	52	2576	—.14	+0.8	46.3	86	2556	—.10	—1.3	51.0	116	2641	—.11	0.0	46.1
24	2490	+.04	—0.7	50.0	53	2577	—.08	—0.7	45.8	87	2612	—.06	—1.2	46.4	117	2642	—.06	—0.4	46.1
25	2452	—.04	—0.7	45.5	54	2524	+.08	+1.1	48.4	88	2558	+.01	+0.4	50.9	118	2575	—.12	+0.8	50.6
26	2491	+.12	+1.2	51.3	55	2525	—.07	—0.1	50.4	89	2615	—.07	+2.4	46.0	119	2643	—.01	+1.0	46.6
27	2494	+.21	+0.1	48.5	57	2526	—.02	—0.7	50.4	91	2618	.00	—0.2	45.7	120	2645	—.03	—2.8	46.8
28	2496	—.16	+1.9	48.9	58	2584	—.15	+2.6	46.7	92	2617	—.13	—0.8	46.5	121	2646	—.07	+0.6	46.4
29	2557	—.13	—0.2	45.4	59	2527	—.13	+2.7	50.1	93	2909	—.15	+0.3	51.6	122	2647	.00	—0.2	44.6

L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE
123	2649	—ˢ.24	+2″.8	44.9	190	2707	—ˢ.02	— 1″.8	46.1	259	3083	—ˢ.23	+1″.0	51.1	320	5304	—ˢ.05	−0″.1	49.6
124	2584	—.11	+0.5	48.3	191	3017	— .13	+ 0.8	49.8	260	3085	—.10	—1.0	49.4	321	3141	—.11	+0.3	49.3
125	2651	—.04	+0.9	46.2	192	3016	+.01	— 1.0	51.5	261	2051	—.05	—0.7	49.6	322	5310	—.21	+0.3	48.4
126	2943	—.12	+0.2	51.3	193	3020	—.16	+ 0.5	48.2	262	5155	—.10	+1.5	45.7	323	5315	+.03	0.0	47.4
127	2944	—.19	+1.2	49.2	194	3021	—.13	— 0.4	45.5	263	3087	—.17	—1.0	47.8	324	5316	—.14	+1.3	47.5
128	2654	—.10	—0.6	45.4	195	3022	—.19	+ 0.3	51.1	264	3086	.00	+1.4	46.7	325	3150	—.06	—0.1	45.5
129	2653	—.14	+0.5	46.2	196	2718	—.07	+ 0.2	42.9	265	3088	—.08	—0.6	49.4	326	5328	—.08	—0.8	48.5
130	2655	—.29	−3.4	46.3	197	2719	—.03	+ 2.0	43.1	266	5166	—.26	0.0	49.0	327	3155	—.22	+1.7	47.0
132	2657	—.11	+0.3	43.7	198	3024	—.14	— 1.0	46.9	267	5168	—.15	+0.7	47.5	328	5332	—.18	+0.2	47.4
133	2660	—.19	+2.1	46.0	199	3023	—.16	— 0.3	50.1	268	5167	+.02	+0.2	48.5	329	5334	—.28	+0.8	49.5
134	2662	—.13	—0.7	45.6	200	3025	—.10	— 0.8	51.4	269	3091	—.16	—1.6	45.8	330	5340	—.08	—1.8	47.5
135	2663	—.15	—1.8	46.0	201	2721	—.04	+ 1.4	46.2	270	3092	—.10	—0.7	49.1	331	5341	—.07	−0.3	49.5
136	2957	—.13	+1.7	52.0	202	2724	—.10	+ 1.6	45.8	271	5172	—.18	+2.7	44.8	333	5351	—.19	+2.0	47.5
137	2960	—.23	+1.0	49.6	204	3028	—.16	+ 0.6	50.6	272	3094	—.12	—0.8	45.9	334	4321	—.13	—0.1	46.4
138	2964	—.14	0.0	50.3	205	3029	—.14	+ 0.3	52.0	273	3093	—.19	+0.5	49.3	335	4323	—.23	−0.2	46.3
139	2667	+.11	—0.7	46.5	206	2728	—.08	+ 0.5	44.0	274	3095	—.07	+0.7	44.9	336	5358	— 06	+0.6	49.3
140	2963	—.15	+0.6	51.1	208	3032	—.07	+ 0.9	50.1	275	5176	—.19	+1.0	48.3	337	5366	—.14	−2.8	46.4
141	2966	—.16	—0.5	49.1	209	2733	—.06	— 0.2	44.6	276	5178	—.11	+0.6	47.9	338	4332	—.20	−0.3	44.0
142	2968	—.14	+0.5	46.8	211	3033	—.14	— 0.4	51.1	277	5188	—.20	+1.3	46.9	339	5368	—.15	+0 2	46.3
143	2669	—.12	—0.1	46.1	212	3034	—.15	+ 0.5	50.1	278	5187	—.22	+0.7	48.5	340	4334	—.13	—0.2	45.1
144	2672	—.18	—1.8	44.1	213	3035	—.18	— 0.1	49.5	279	5190	—.16	+1.9	49.6	341	5382	—.09	−0.5	47.6
145	2970	—.18	+0.8	51.1	214	3036	—.12	+ 0.3	51.5	280	3101	—.16	+0.5	49.5	342	5392	—.30	+1.2	47.0
147	2674	—.06	—1.4	45.5	215	3037	—.14	— 0.2	49 8	281	3102	—.19	+0.2	49.6	343	4347	—.10	+3.3	44.4
148	2677	—.12	+1.4	45.6	216	3039	—.11	+ 0.1	50.5	282	3103	—.30	+0.8	49.1	344	5395	—.15	−2.6	45.4
149	2676	—.27	−3.9	43.7	217	3040	—.16	— 0.7	48.5	283	5195	—.12	+0.7	48.6	345	5394	—.09	−0.9	47.2
150	2679	—.03	—0.5	45.3	218	3041	—.18	— 0.6	48.5	284	5196	—.05	+0.6	49.5	346	5396	—.13	−0.9	45.7
151	2680	—.13	—0.1	45.4	219	3042	—.12	+ 0.5	45.1	285	3105	—.03	—0.3	46.1	347	4350	—.12	+0.2	43.0
152	2977	—.14	+0.6	50.2	220	3043	—.06	+ 0.3	49.1	286	3106	—.08	+0.2	49.2	348	4351	—.24	+1.0	44.9
153	2979	—.08	—0.6	50.8	222	3044	—.07	+ 0.2	52.0	287	3108	—.01	—0.2	50.8	349	4353	—.17	0.0	47.4
154	2685	+.02	—2.0	46.1	223	3045	—.13	— 2.5	47.1	288	3110	—.09	+0.3	50.5	350	5409	+.04	+5.0	41.1
155	2686	—.20	+1.1	45.9	224	3046	—.25	+ 0.3	51.9	289	5202	—.13	+0.3	48.4	351	4356	—.38	+5.7	46.1
156	2981	—.09	—0.2	46.5	225	3047	—.18	— 1.5	49.5	290	5216	—.24	+2.0	46.0	352	4357	—.17	−1.1	45.0
157	2982	—.11	+2.1	51.5	226	3048	—.13	+ 1.7	46.5	291	3111	+.01	—0.1	51.0	353	5415	—.21	−0.1	45.7
158	2687	—.14	—0.2	46.4	227	2753	—.06	+ 0.5	46.3	292	3112	—.07	—1.0	49.1	354	5414	—.12	+0.2	48.6
159	2688	—.12	—0.9	46.4	228	3051	—.10	— 0.2	46.0	293	5232	—.23	—0.8	45.8	355	5418	—.20	+1.4	45.0
160	2689	—.08	—0.8	44.6	229	3050	—.13	— 1.3	46.0	294	5233	—.14	+0.2	45.9	356	5427	—.14	+1.0	48.5
161	2690	—.09	+0.5	46.5	230	5092	—.23	+ 1.1	48.6	295	3113	—.11	+0.1	48.1	357	5429	—.13	+0.5	47.1
163	2691	—.06	0.0	46.1	231	3052	—.09	+ 0.8	51.5	296	5241	—.12	+0 5	47.2	358	5432	—.08	−0.6	46.3
164	2989	—.28	+1.3	52.1	232	3054	—.07	— 0.7	50.0	297	3114	—.12	+1.4	51.9	359	4376	—.20	+1.8	45.7
165	2990	+.02	—0.3	50.7	233	3058	—.15	+ 2.0	46.1	298	3116	—.16	—1.8	48.6	360	5450	—.16	−0.1	49.2
167	2692	—.06	+0.4	46.1	234	3056	—.13	+ 1.8	46.1	299	5243	—.12	0.0	47.4	361	4380	—.07	+3.6	45.0
168	2993	—.13	—0.1	52.8	235	3061	—.14	— 0.6	51.1	300	5248	—.07	—0.7	45.5	362	5460	—.19	−0.5	48.5
169	2994	.00	+3.6	49.8	236	3062	—.14	+ 0.3	45.6	301	3120	—.20	+0.8	49.8	363	5461	—.09	+0.7	47.3
170	2996	—.14	+1.2	50.1	237	3063	—.11	— 0.6	52.2	302	5256	—.12	+0.7	47.4	364	4394	—.21	−0.2	45.3
171	2694	—.06	—0.6	45.5	238	3066	—.17	— 1.7	50.3	303	5261	—.27	+0.3	49.4	365	5466	—.10	+0.5	46.5
172	2997	—.02	—0.8	45.3	240	3065	+.06	— 3.5	49.1	304	5263	—.04	0.0	47.5	366	4396	—.14	−2.1	45.3
173	2696	—.21	—0.7	43.4	241	3067	.00	—11.5	47.3	305	5264	—.18	+0.5	45.5	367	5470	—.23	+1.7	48.3
175	3000	—.14	—1.5	46.3	242	3069	—.01	+ 0.3	49.1	306	5268	—.23	+1.7	45.0	368	4408	—.17	+2.3	45.1
176	3002	—.06	+0.9	50.8	243	3068	—.35	— 0.6	50.1	307	3126	—.09	—1.1	50.1	369	5473	—.07	−1.7	45.4
177	3004	—.19	—0.5	48.8	245	5118	—.19	+ 1.4	48.2	308	5271	—.07	—1.4	49.3	370	4410	—.08	+1.7	46.0
179	2701	—.18	+0.6	46.0	248	5126	—.18	— 2.7	47.3	309	5274	—.18	—0.6	49.2	371	5474	—.08	+0.6	48.3
180	3007	—.07	0.0	46.0	249	3070	—.13	+ 3.0	—	310	5276	—.20	+0.2	48.2	372	4414	—.33	−0.1	44.5
181	3008	—.12	+0.2	50.0	250	3071	—.07	+ 1.5	49.4	311	5277	—.02	—2.0	48.0	373	5486	—.19	+1.1	47.4
182	3009	—.20	+1.6	47.0	251	5130	—.37	+ 1.1	43.3	312	5280	—.11	0.5	46.4	374	5488	—.20	−1.0	48.4
183	3011	—.26	—1.3	52.0	252	3072	—.12	— 0.4	49.8	314	5283	—.15	—1.1	47.4	375	4418	—.10	−1.0	46.0
184	3010	—.15	+1.2	50.1	253	3073	—.19	+ 0.8	52.0	315	5291	—.27	+0.6	46.5	376	5496	—.11	+1.3	47.7
186	3012	—.09	—0.7	52.1	254	3074	—.23	— 0.7	49.5	316	3134	—.15	+0.7	49.4	377	4424	—.20	+0.3	44.8
187	3013	—.16	+0.7	50.1	256	3075	—.13	+ 0.6	48.7	317	3138	—.21	−0.5	48.8	378	4425	—.22	−0.7	46.3
188	2703	—.12	—0.2	46.1	257	3076	—.20	+ 0.2	49.1	318	3139	—.06	+0.1	45.1	379	4429	—.19	+0.1	45.0
189	3014	—.16	+0.4	49.2	258	3078	—.18	+ 0.1	48.8	319	5300	—.34	—0.6	49.3	380	4431	—.09	+0.3	45.4

L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE
381	5514	−ˢ.24	− 0″.9	48.6	443	4560	−ˢ.17	+ 2″.8	44.2	503	3312	−ˢ.29	−3″.6	41.8	567	3432	−ˢ.18	−2″.3	41.7
382	4434	−.02	+ 0.8	44.7	444	4564	−.14	+ 0.9	44.9	504	4708	−.26	+ 1.9	45.0	568	3436	−.28	0.0	41.7
383	4436	−.05	+ 0.8	45.3	445	3211	−.27	− 0.6	42.6	505	4713	+ .01	− 4.2	44.8	569	3442	−.21	−2.1	41.1
384	5528	−.20	+ 1.0	45.7	446	4565	+ .16	+ 2.0	44.9	506	3315	−.25	+ 1.7	43.1	570	3441	−.30	0.0	40.2
385	5529	−.05	+ 0.4	43.9	447	4567	−.11	+ 1.4	45.5	507	4719	−.31	+ 0.1	42.7	571	3443	−.28	+ 1.9	42.6
386	4443	−.20	+ 1.5	43.8	448	4568	−.14	− 0.9	44.9	508	4721	−.41	−0.7	44.0	572	3444	−.35	−1.3	41.1
387	5533	−.14	+ 1.9	44.0	449	4573	−.19	− 0.5	45.0	509	3320	−.28	−0.9	40.5	573	3451	−.25	−2.1	41.0
388	4447	−.95	+ 9.2	44.5	450	4581	−.36	− 0.4	45.0	510	3319	−.27	+ 1.5	41.5	574	3449	−.28	0.0	41.3
389	5535	−.17	+ 1.1	44.0	451	4584	−.15	+ 0.9	46.5	511	4723	−.10	+ 1.6	44.0	576	3453	−.36	−0.7	41.0
390	5534	+ .34	−11.0	47.6	452	4587	−.17	+ 1.3	45.5	512	3326	−.30	−0.3	41.4	577	3456	−.25	−2.0	41.2
391	4445	−.20	− 0.5	44.0	453	4586	−.09	− 1.1	45.6	514	3329	−.45	+4.8	41.1	578	3455	−.35	+0.4	41.1
392	5536	−.20	+ 0.8	47.6	454	4590	−.07	+ 0.1	45.0	515	3330	−.38	+ 0.6	41.1	579	3457	−.20	+ 0.5	42.5
393	5538	−.23	+ 0.9	43.7	455	4591	−.33	−10.1	44.4	516	4729	−.17	+ 0.3	45.2	581	3465	−.25	+ 0.1	40.8
394	4451	−.23	+ 0.9	43.8	456	4593	−.08	− 1.6	45.7	517	4733	−.12	−0.2	44.3	582	3471	−.42	−1.3	40.0
395	4453	−.09	+ 0.7	44.4	457	4605	−.11	− 0.5	46.0	518	3335	−.26	−0.2	41.0	584	3472	−.34	−1.6	40.1
396	5543	−.03	+ 0.2	45.4	458	4607	−.20	+ 0.1	43.9	519	4740	−.42	+ 7.6	44.0	585	3473	−.34	−1.8	40.1
397	4463	−.10	− 1.0	43.9	459	3233	−.20	+ 1.3	41.3	520	3338	+ .72	− 0.6	41.2	589	3478	−.37	−0.5	41.0
398	4461	−.15	− 0.7	44.9	460	4612	−.20	− 0.1	44.0	521	4751	−.23	+ 0.5	44.0	591	3184	−.19	−0.8	41.3
399	5552	−.20	− 0.2	44.9	461	4615	−.13	+ 0.1	43.6	522	3340	−.32	0.0	42.6	592	3486	−.33	−2.1	40.9
400	4474	−.18	− 0.7	44.9	462	4616	−.27	− 1.1	42.7	523	4752	−.32	− 0.5	45.0	593	3490	−.21	−1.6	41.1
401	5566	−.19	− 0.2	45.6	463	4622	−.24	0.0	44.7	524	3342	−.19	−0.2	42.5	595	3491	−.34	+0.2	41.3
402	4477	−.26	− 0.5	46.1	464	4626	−.18	− 0.1	43.8	525	3349	−.36	+ 0.1	40.6	596	3492	−.36	+ 1.1	41.0
403	4479	−.14	− 0.2	45.0	465	4627	−.32	− 0.1	45.1	526	3352	−.20	−0.7	40.1	598	3500	−.34	−1.0	40.8
404	4484	−.28	+ 0.4	45.3	466	4632	−.37	+ 0.5	44.8	527	3355	−.31	+3.0	41.3	599	3502	−.35	−0.8	40.2
405	5577	−.11	+ 0.3	47.5	467	3249	−.23	− 1.3	42.4	528	3354	−.30	0.0	42.0	600	3503	−.38	−0.6	40.1
406	5579	−.02	+ 1.4	47.6	468	3250	−.34	+ 1.4	42.2	529	3360	−.42	+ 0.1	41.5	602	3505	−.21	−1.6	40.5
407	4492	−.18	+ 0.9	45.3	469	3251	−.34	+ 1.5	43.3	530	3363	−.36	+ 1.1	41.7	603	3507	−.37	−1.0	40.0
408	4496	−.22	+ 0.7	44.4	470	4638	−.27	+ 0.4	45.4	531	3366	−.30	−0.1	40.9	604	3509	−.10	−0.5	41.9
409	4499	−.10	+ 0.4	46.3	471	4643	−.12	+ 0.1	44.5	532	3367	−.39	+ 0.4	42.6	605	3512	−.35	−0.5	40.2
410	4500	−.18	+ 0.1	43.7	472	4647	−.27	+ 0.8	44.7	533	3368	−.33	+ 1.1	41.6	607	3513	−.21	−0.6	41.1
411	4501	−.15	− 0.8	43.7	473	3261	−.27	+ 0.8	42.4	534	3374	−.39	−0.2	41.2	608	3515	−.18	−0.1	41.1
412	5607	−.20	+ 1.0	46.3	474	4648	−.17	− 0.2	45.0	535	3375	−.27	−1.6	41.3	609	3516	−.17	+0.4	41.1
413	4508	−.20	− 0.3	43.1	475	4649	−.31	− 1.0	45.0	536	3372	−.09	−0.9	41.1	610	3518	−.32	+0.6	40.9
414	5615	−.18	− 1.6	47.1	476	4651	−.42	+ 0.5	45.0	537	3377	−.43	−1.9	41.0	611	3519	−.40	+0.7	40.9
415	4512	−.18	− 0.2	43.1	477	4657	−.16	− 0.9	45.0	538	3378	−.33	−2.0	42.4	612	3525	−.47	+1.4	41.0
416	4518	−.17	+ 0.0	45.1	478	4659	+ .10	− 1.1	45.1	539	3385	−.15	−2.3	41 0	613	3528	−.21	−0.5	41.2
417	4520	−.37	+ 0.4	44.8	479	4661	−.18	− 1.3	44.4	540	3386	−.31	+ 2.0	41.1	617	3532	−.30	+0.6	40.1
418	4519	−.21	− 2.8	45.9	480	4663	−.07	0.0	45.5	541	4797	−.70	+ 0.5	42.7	618	3534	−.28	−1.9	40.1
419	4523	−.25	− 0.8	44.6	481	4664	−.29	+ 0.5	42.6	542	4799	−.24	+ 0.2	42.5	619	3537	−.37	−1.7	40.5
420	4528	−.24	− 2.1	44.6	482	4668	−.37	+ 2.0	44.0	544	3302	−.30	+ 1.9	42.3	620	3538	−.39	−0.7	40.1
421	5630	−.15	+ 1.0	47.3	483	4671	−.19	+ 3.6	43.4	546	3393	−.26	+ 0.3	41.9	621	3540	−.14	−0.6	40.6
422	4531	−.23	+ 1.5	44.7	484	3276	−.32	− 1.2	41.2	547	4804	−.35	− 0.2	41.0	622	3542	−.25	−2.0	40.1
423	4533	−.34	+ 1.5	44.9	485	3278	−.19	+ 0.5	41.7	548	3395	−.27	+ 0.2	42 1	623	3541	−.41	−1.2	40.1
424	4534	−.07	+ 0.1	44.1	486	4675	−.15	− 0.8	44.2	550	3397	−.25	− 0.4	40.1	624	3543	−.26	−0.7	42.2
425	4536	−.14	−10.2	45.0	487	3283	−.36	+ 8.8	42.1	551	3396	−.35	− 1.3	41.5	625	3544	−.27	−0.1	41.4
426	4540	−.21	− 1.1	45.0	488	4679	−.19	+ 1.8	44.2	552	3398	−.38	− 1.3	42.5	626	3545	−.34	−2.1	41.0
427	4538	−.21	− 0.8	47.9	489	3285	−.26	− 1.2	42.5	553	3401	−.45	+ 0.2	40.9	627	3549	−.10	+0.2	41.1
428	4542	−.25	− 0.4	45.4	490	4681	−.11	+ 0.7	45.2	554	3399	−.35	+ 0.7	42.5	628	3554	−.29	−2.3	40.9
429	4541	+ .07	− 2.3	45.6	491	4685	−.17	+ 0.9	45.4	555	3400	−.29	+ 1.9	42.6	631	3557	−.25	−0.3	42.4
430	4544	−.16	− 0.4	46.2	492	4686	−.18	+ 1.1	45.0	556	3403	−.27	−2.7	40.9	633	3559	−.31	+0.3	41.0
431	4545	−.16	+ 0.1	45.6	493	3289	−.43	− 2.2	41.1	557	3408	−.38	−2.9	40.9	634	3562	−.28	+0.2	41.0
433	4550	−.20	+ 0.3	45.5	494	4693	−.08	+ 0.2	44.9	558	3412	−.36	+ 0.2	41.0	635	3568	−.30	−1.0	40.7
434	4551	−.17	+ 0.5	43.3	495	4695	−.12	0.0	44.9	559	3413	−.22	−0.2	42.4	636	3569	−.06	−3.9	40.7
435	4552	−.17	− 0.6	44.4	496	3297	−.31	− 1.2	41.0	560	3414	−.24	−0.5	41.3	638	3572	−.36	−0.8	40.2
436	5665	−.18	− 0.1	46.4	497	3300	−.05	− 6.0	41.1	561	3423	−.25	− 0.2	41.2	639	3573	−.24	+0.5	40.7
437	4554	−.18	0.0	44.6	498	3307	−.29	0.0	42.4	562	3424	−.19	− 1.1	41.2	641	3575	−.27	−1.0	40.1
438	3201	−.25	− 0.5	42.2	499	3308	−.16	+ 1.1	42.5	563	3427	−.36	− 1.4	40.7	644	3583	−.32	−2.0	41.0
439	4557	.00	− 1.1	44.4	500	4705	−.15	− 0.5	45.0	564	3431	−.38	−0.3	41.5	645	3581	−.24	+0.5	40.8
440	4556	−.09	− 0.1	45.1	501	3311	−.32	+ 0.4	41.7	565	3433	−.38	− 1.9	40.0	647	3588	−.35	−1.4	41.0
442	4558	−.18	− 0.1	45.6	502	3310	−.21	− 0.9	42.3	566	3434	−.30	− 0.2	40.1	649	3590	−.67	+4.1	45.6

L. P	Zonas	$\Delta\alpha$	$\Delta\delta$	ΔE	L. P.	Zonas	$\Delta\alpha$	$\Delta\delta$	ΔE	L. P.	Zonas	$\Delta\alpha$	$\Delta\delta$	ΔE	L. P.	Zonas	$\Delta\alpha$	$\Delta\delta$	ΔE
656	3612	—ˢ32	—1″6	40.0	988	1640	—ˢ02	—0″3	5.2	1070	1706	—ˢ06	+0″5	6.0	1133	2548	—ˢ05	—0″3	26.1
658	3631	—.29	—1.3	41.4	989	1641	+.04	+1.0	5.2	1071	1707	+.05	—0.2	6.1	1134	2549	—.07	+0.8	24.6
659	3633	—.38	+0.2	41.8	990	1643	—.04	+0.1	5.1	1072	2435	—.19	+1.5	25.7	1135	2555	—.13	+1.0	26.3
660	3635	—.27	—1.4	40.0	991	1644	—.07	+0.6	6.0	1073	1708	+.07	—0.3	6.2	1136	2556	—.16	—1.6	26.7
663	3640	—.33	—0.4	40.3	992	1645	—.03	—0.6	6.0	1074	1711	+.04	+0.1	5.2	1137	2560	—.11	0.0	26.7
683	3677	—.27	—0.7	41.0	993	1646	—.02	+0.2	6.0	1075	2443	—.16	0.0	24.0	1138	2563	—.10	0.0	25.8
859	1521	—.01	—0.3	5.0	994	1647	+.06	—0.5	6.0	1076	2448	+.10	—1.2	27.0	1139	2564	—.27	+0.9	26.6
865	1529	.00	—0.5	6.1	996	1648	+.05	—0.1	5.1	1077	2451	—.16	—1.2	24.0	1140	2565	—.05	—0.1	23.1
867	1533	—.07	—0.4	5.9	998	1649	—.04	—0.2	6.1	1078	2454	+.16	+0.5	26.0	1141	2566	—.10	+0.8	25.1
876	1539	—.06	0.0	5.1	999	1651	—.01	0.0	5.0	1079	2456	—.12	+0.8	26.6	1142	2568	—.16	+0.9	24.0
884	1542	+.04	—0.4	6.0	1001	1652	+.04	0.0	5.1	1080	2457	—.10	+1.7	26.1	1143	2569	—.13	—0.2	25.5
886	1543	+.08	—1.3	6.1	1002	1653	—.05	+1.2	5.1	1081	2458	—.10	+0.5	26.6	1144	2570	—.19	—0.7	27.7
890	1551	.00	—1.1	5.0	1006	1655	—.07	+0.5	6.1	1082	2460	—.07	+0.2	26.0	1145	1773	+.05	+0.1	6.0
894	1559	—.03	—0.3	5.0	1007	1656	—.02	—0.4	6.1	1083	1718	—.08	—0.6	6.0	1146	2574	—.03	+0.1	25.4
895	1560	—.01	—0.4	5.0	1008	1658	—.03	+0.2	6.0	1084	1720	—.07	+0.4	6.0	1147	2575	—.14	0.0	27.0
897	1561	+.01	+0.1	4.9	1009	1659	+.02	—0.2	6.0	1085	2463	—.05	—0.8	27.6	1148	1776	+.03	+0.6	5.2
907	1564	+.02	—0.2	6.0	1013	1661	+.04	—0.2	5.1	1086	2465	—.16	+0.3	25.0	1149	2578	—.09	—1.3	27.6
909	1568	+.01	—0.5	5.9	1015	1662	—.03	—0.4	5.0	1087	1721	—.04	+1.5	6.2	1150	2579	—.46	+1.4	23.7
910	1572	+.02	—0.1	5.4	1016	1664	+.03	+0.1	5.1	1088	2468	—.15	+0.8	26.6	1151	2581	—.15	—0.6	26.8
917	1575	+.06	+0.2	6.0	1017	2323	+.14	+0.2	26.7	1089	2469	—.25	+1.5	26.6	1152	2583	—.01	+0.2	25.0
921	1578	—.05	—0.1	5.9	1019	1665	—.04	+0.7	5.2	1090	1722	—.04	—1.5	5.1	1153	2586	—.22	+0.1	24.0
925	1579	—.01	+0.2	6.0	1022	1666	+.04	—0.3	6.1	1091	2475	—.14	+1.1	23.0	1154	2589	—.28	+1.4	26.2
932	1584	+.01	—0.1	5.1	1023	1667	+.04	—0.8	6.1	1092	2476	.00	+1.5	25.5	1155	2590	+.03	+0.3	24.6
933	1585	—.05	0.0	5.1	1026	1669	—.02	+0.2	6.2	1093	2483	—.13	—0.2	26.0	1156	2593	—.04	+0.8	25.3
934	1586	—.06	+0.4	5.2	1027	1670	—.03	+1.0	5.1	1094	1726	—.03	+0.4	5.0	1157	2594	—.01	—0.4	27.0
935	1587	—.04	+0.6	5.4	1030	2351	—.13	—0.1	27.0	1095	2486	—.02	+0.2	27.1	1158	2595	—.24	—0.4	25.0
939	1590	+.01	+0.3	5.0	1031	1674	.00	—0.6	5.1	1096	1727	—.08	+0.3	5.6	1159	2596	.00	+1.6	25.5
940	1592	—.07	—0.8	5.0	1032	1672	+.02	—0.2	5.0	1097	2492	—.19	—1.2	27.0	1160	2597	—.11	—0.1	25.0
941	1591	+.05	—0.5	5.6	1033	1673	—.02	—0.5	5.0	1098	2495	—.11	—0.4	27.4	1161	2600	—.11	+0.5	24.0
944	1595	—.03	—0.5	5.0	1034	1675	+.01	+0.1	5.1	1099	2496	—.10	+0.8	26.0	1162	2603	—.15	+0.5	27.1
945	1596	+.04	—0.1	5.7	1035	2355	—.19	+1.0	27.1	1100	2498	.00	+0.3	26.0	1163	2604	—.21	+2.0	27.1
946	1597	—.03	—0.6	6.1	1036	1676	.00	—0.4	6.0	1101	2499	—.12	+0.7	24.7	1164	2607	—.10	+1.1	26.1
948	1598	+.11	+0.2	6.1	1038	1679	+.02	—0.5	6.1	1102	2501	—.08	+0.7	27.4	1165	2609	—.09	—0.7	23.5
950	1600	—.09	+0.4	6.1	1039	1678	+.05	—0.1	6.1	1104	2505	—.08	—0.3	26.2	1166	2612	+.10	+0.2	27.0
953	1604	—.06	+0.2	5.1	1040	1680	+.06	—0.3	6.1	1105	2507	—.12	—0.2	24.5	1167	2614	—.11	+0.2	24.0
954	1605	—.03	—0.7	5.0	1042	1681	—.05	+0.2	5.2	1106	2509	—.14	—0.9	24.1	1168	2615	—.20	+0.8	26.7
955	1606	+.06	—0.7	5.0	1043	1682	+.03	+0.5	5.1	1107	1736	—.06	—0.5	5.1	1169	2616	—.04	0.0	25.7
956	1607	—.03	0.0	5.0	1044	1683	+.05	+0.5	5.1	1108	2511	—.20	+1.5	24.1	1170	2617	—.11	—0.2	27.2
957	1608	+.07	+0.3	5.0	1045	2379	—.09	—0.5	25.5	1109	2514	—.15	+0.9	26.0	1171	2619	—.04	+1.0	24.6
958	1609	+.03	—0.5	5.2	1046	2380	—.09	0.0	27.0	1110	1738	—.05	0.0	5.2	1172	2620	—.06	+0.8	25.7
959	1611	+.01	—0.4	5.2	1047	2389	—.11	+0.7	24.1	1113	2517	—.09	—0.7	27.0	1173	2622	—.10	+0.1	27.0
960	1612	—.04	0.0	5.7	1048	2388	—.34	+0.7	26.9	1114	2520	—.01	+0.5	27.1	1174	2625	—.13	+0.9	25.0
961	1613	—.02	—0.1	6.1	1049	1690	+.04	+0.3	5.0	1115	2519	—.09	+0.2	28.1	1175	2627	—.04	0.0	24.1
963	1614	—.01	0.0	6.1	1050	2392	.00	+0.4	22.7	1116	1746	—.08	+0.1	6.0	1176	2632	—.14	+1.7	24.6
964	1616	.00	0.0	6.0	1051	1692	—.01	—0.2	6.1	1117	2521	—.19	+0.2	28.1	1177	2631	—.18	+0.8	27.1
966	1619	+.05	—0.2	6.1	1052	2401	—.08	—1.1	27.1	1118	1747	—.07	—0.7	5.6	1178	2633	—.22	+0.6	24.1
968	1621	—.05	+1.1	6.1	1053	2402	—.04	+1.6	27.0	1119	1748	—.01	—0.9	5.9	1179	2630	—.02	—0.2	27.6
969	1622	—.01	—0.4	5.0	1054	1693	—.06	+0.5	6.1	1120	2524	—.48	+2.0	26.8	1180	2634	—.30	+0.1	27.0
970	1623	—.06	+0.5	5.1	1057	2409	—.15	+0.2	27.5	1121	2526	—.13	—0.5	25.7	1181	2635	—.06	+1.3	25.0
972	1624	.00	+1.5	5.1	1058	1696	—.08	+0.5	5.1	1122	1753	+.02	+0.3	5.0	1182	2636	+.09	—0.1	25.0
973	1625	+.01	—0.2	5.1	1059	2410	—.10	+0.5	27.0	1123	2527	—.06	+1.2	25.0	1183	2638	—.22	+0.7	23.8
975	1628	+.01	—0.8	5.2	1061	1700	.00	—0.6	5.0	1124	2528	—.08	+0.5	26.0	1184	2640	—.18	+1.3	26.0
976	1629	—.09	—0.3	6.0	1062	1701	+.02	—0.7	5.0	1125	2529	—.19	+0.8	24.6	1185	2642	—.07	+0.5	26.6
978	1630	—.02	—0.2	6.0	1063	2415	—.10	—0.6	26.5	1126	2530	+.05	+1.0	26.1	1186	2643	—.19	+1.6	26.1
979	1631	+.04	—0.5	6.0	1064	2416	—.11	+1.6	25.1	1127	2531	—.15	+0.9	27.0	1187	2646	—.12	+0.8	26.5
980	1632	+.03	—0.7	6.0	1065	2419	—.04	+1.0	24.1	1128	1758	—.01	—0.6	6.0	1188	2648	—.23	+1.6	25.1
981	1633	+.03	—0.1	6.1	1066	2423	—.02	+0.6	24.8	1129	2537	—.16	—1.2	25.0	1189	2649	—.02	+0.5	28.0
982	1634	—.03	—0.5	5.1	1067	2426	—.26	+0.4	25.0	1130	2541	—.17	+1.2	27.0	1190	2650	—.08	+0.4	27.7
984	1636	—.05	—0.1	5.1	1068	1704	+.01	—0.6	6.0	1131	2542	—.11	+0.4	27.0	1191	2657	+.02	+1.4	27.0
987	1639	—.05	+1.1	5.1	1069	2430	+.03	+1.1	27.0	1132	2547	—.05	—0.3	27.7	1192	2658	—.07	+0.7	26.4

L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE
1193	2659	−ˢ.13	−2″.5	24.6	1255	2768	−ˢ.25	+1″.0	23.6	1316	2419	−ˢ.12	+0″.6	22.8	1376	2519	−ˢ.01	−0″.1	24.2
1194	2660	−.22	+0.5	24.6	1256	2772	−.05	+0.4	24.2	1317	2421	−.07	+0.2	23.1	1377	2525	−.10	−0.4	21.4
1195	2661	−.15	−0.4	23.5	1257	2308	+.04	−0.1	25.0	1318	2873	+.05	+0.2	23.1	1378	2526	−.34	+0.8	25.1
1196	2662	−.08	+0.5	24.7	1258	2774	+.10	−1.0	26.2	1319	2874	−.02	+0.6	23.1	1079	2527	−.09	+1.8	24.4
1197	2663	+.02	+0.6	25.5	1259	2309	−.02	−0.6	21.4	1320	2876	+.35	+3.4	23.2	1380	2984	+.05	+0.2	23.1
1198	2667	.00	+0.8	27.0	1260	2775	−.09	+0.4	25.1	1321	2879	−.11	+1.6	23.2	1381	2529	−.13	+1.0	22.1
1199	2668	−.05	+0.9	26.1	1261	2777	+.02	+0.8	23.2	1322	2425	.00	+0.8	24.0	1382	2991	−.25	−1.1	23.0
1200	2670	−.14	+0.9	24.6	1262	2776	−.03	+0.5	24.0	1323	2427	.00	+0.1	26.2	1383	2532	−.11	+0.1	25.5
1201	2671	+.01	+0.9	25.1	1263	2315	−.05	+0.6	24.9	1324	2886	−.05	−0.1	24.0	1384	2533	−.07	+0.8	24.1
1202	2675	−.02	+0.1	27.0	1264	2780	−.08	+0.5	24.2	1325	2433	−.09	−0.7	25.5	1385	2535	−.05	+0.1	26.1
1203	2679	−.07	0.0	27.0	1265	2318	−.07	+0.7	26.0	1326	2888	−.04	+0.3	21.0	1386	2541	−.12	+0.2	26.2
1204	2680	−.13	+1.1	25.0	1266	2321	.00	+0.1	22.7	1327	2889	−.10	+0.6	23.0	1387	2543	−.09	+0.1	25.2
1205	2206	−.03	+0.5	26.4	1267	2786	−.10	+0.4	24.1	1328	2892	.00	+0.3	23.5	1388	2544	+.02	+0.6	23.2
1206	2207	−.03	+0.1	26.0	1268	2790	−.21	+1.6	24.2	1329	2437	−.07	−0.2	23.9	1389	2546	−.05	−0.4	23.5
1207	2683	−.23	+0.3	25.2	1269	2792	−.15	+0.3	24.5	1330	2438	−.09	+0.2	23.5	1390	2549	−.02	+0.6	23.9
1208	2684	+.02	+2.1	23.6	1270	2328	+.01	−0.8	20.5	1331	2896	−.10	−0.4	23.0	1391	2550	−.20	+0.2	25.1
1210	2686	−.06	−0.5	24.6	1271	2333	+.02	−0.1	26.2	1332	2442	−.03	+0.8	23.2	1392	2555	−.20	+1.1	25.1
1211	2689	−.04	+0.2	26.5	1272	2794	−.15	+0.4	25.0	1333	2899	+.04	+0.9	23.0	1393	2557	−.14	+1.0	22.0
1212	2690	−.04	+1.1	23.0	1273	2338	−.06	+0.1	26.1	1334	2901	.00	+0.9	23.2	1394	2559	−.13	+0.2	24.1
1213	2693	+.02	0.0	23.5	1274	2796	−.05	+0.4	23.1	1335	2445	+.02	+0.3	23.5	1395	2560	−.08	+0.6	24.9
1214	2694	−.29	+1.3	23.0	1275	2798	+.01	−0.6	21.1	1336	2446	.00	+0.4	26.2	1396	2561	−.04	+0.2	23.4
1215	2696	−.02	−0.1	26.1	1276	2340	−.05	+0.2	26.2	1337	2906	+.06	+0.8	24.1	1397	2575	−.13	+0.4	25.3
1216	2699	−.13	+0.6	24.6	1277	2799	.00	+0.9	23.6	1338	2448	−.05	−0.1	23.6	1398	2574	−.12	+0.7	22.8
1217	2700	.00	+1.2	23.1	1278	2800	+.03	+1.2	23.0	1339	2451	−.05	0.0	25.1	1399	2576	−.10	+0.7	25.2
1218	2701	−.07	+0.3	27.0	1279	2801	−.02	+0.7	23.6	1340	2454	−.01	+0.8	25.1	1400	2579	+.02	+0.1	24.0
1219	2703	−.09	+0.5	24.0	1280	2348	−.10	+0.3	24.6	1341	2455	−.01	+1.5	23.0	1401	2580	−.03	+1.2	20.7
1221	2704	−.08	0.0	—	1281	2802	+.07	+1.1	23.0	1342	2460	−.13	0.0	26.2	1402	2587	−.05	−0.3	25.9
1222	2706	−.03	+0.2	24.5	1282	2806	−.05	−0.2	23.2	1343	2461	−.18	+0.6	26.0	1403	2589	−.18	+0.4	22.9
1223	2709	−.13	+0.1	27.1	1283	2807	+.12	+0.6	23.2	1344	2464	−.08	+0.4	24.0	1404	2595	−.08	−0.1	20.9
1224	2710	−.05	+2.1	23.1	1284	2810	−.06	+0.6	25.1	1345	2467	−.08	+1.2	22.0	1405	2598	−.06	+0.3	23.9
1225	2713	−.19	+0.5	24.6	1285	2811	+.17	+0.5	23.5	1346	2468	−.08	+0.8	23.1	1406	2602	−.14	−0.2	22.9
1226	2715	−.02	+0.1	22.9	1286	2357	−.08	+0.1	24.1	1347	2923	−.03	+0.6	23.7	1407	2611	−.10	+0.9	25.1
1227	2717	−.34	+0.6	23.0	1287	2358	−.14	0.0	24.1	1348	2473	+.03	+0.4	26.2	1408	2612	−.14	+0.1	23.0
1228	2718	−.07	+0.8	23.5	1288	2812	−.02	+0.8	23.1	1349	2476	−.12	+1.0	22.9	1409	2614	−.17	+0.5	24.7
1229	2719	−.08	+1.5	23.5	1289	2359	−.08	+0.9	22.0	1350	2480	−.14	+0.1	23.1	1410	2617	−.16	+0.7	21.0
1230	2722	−.05	−0.2	23.1	1290	2363	+.14	+0.7	24.2	1351	2931	−.06	−0.2	24.4	1411	2619	−.05	+0.8	22.0
1231	2237	−.12	+1.2	26.7	1291	2815	−.01	+1.0	24.2	1352	2481	−.40	+0.4	26.1	1412	2623	−.08	−0.3	21.0
1232	2726	−.23	+0.9	24.1	1292	2366	−.11	+0.6	24.6	1353	2933	−.05	+0.5	23.5	1413	2633	−.13	−0.6	20.6
1233	2242	−.25	+0.3	27.0	1293	2371	−.05	0.0	22.1	1354	2934	−.05	+1.1	23.0	1414	2635	+.09	+0.5	20.6
1234	2244	−.18	−1.2	27.1	1294	2819	+.02	+1.5	24.2	1355	2483	−.22	+0.1	25.4	1415	2636	−.15	+0.9	22.7
1235	2728	−.18	+0.1	25.0	1295	2820	−.03	+0.1	24.2	1356	2487	−.02	0.0	23.9	1416	2637	−.12	−0.4	21.5
1236	2729	−.07	+0.6	26.0	1296	2826	−.07	+0.4	25.1	1357	2942	−.01	+0.6	23.0	1417	2654	−.20	+0.1	21.7
1237	2252	+.03	−0.4	24.8	1298	2828	−.03	+0.1	24.2	1358	2943	−.04	+0.5	23.1	1418	2662	−.03	−0.7	20.6
1238	2733	−.14	+2.1	24.8	1299	2381	−.18	+0.6	22.0	1359	2492	−.07	+0.5	22.1	1419	2664	−.01	+0.8	21.0
1239	2258	−.12	+0.7	23.1	1300	2382	−.07	+0.7	25.6	1360	2946	−.13	−0.2	23.9	1420	2667	−.05	+0.7	21.0
1240	2737	−.11	−0.1	23.6	1301	2830	−.04	−0.5	24.2	1361	2493	+.03	+0.4	22.8	1421	2669	−.20	+0.7	26.2
1241	2739	−.12	−0.2	23.0	1302	2392	−.07	+0.5	22.9	1362	2497	+.09	+0.6	22.1	1422	2673	−.20	+1.0	22.9
1242	2741	−.14	−1.6	23.0	1303	2837	−.08	+0.8	23.9	1363	2501	+.05	0.0	20.0	1423	2685	−.27	+0.6	25.0
1243	2742	+.02	−0.4	23.5	1304	2838	+.05	+0.9	23.5	1364	2502	−.20	+0.5	22.0	1424	2686	−.06	+0.8	22.0
1244	2748	−.12	+0.8	24.0	1305	2403	−.10	+0.1	26.1	1365	2954	+.09	+1.1	24.1	1425	2691	+.07	+0.7	22.4
1245	2751	−.15	+0.8	24.1	1306	2845	+.05	+0.1	23.1	1366	2504	−.01	+1.1	22.8	1426	2690	+.06	+0.4	22.1
1246	2752	−.09	+1.1	22.6	1307	2847	+.06	+0.2	23.2	1367	2955	−.15	+0.1	23.0	1427	2693	+.01	+1.0	23.5
1247	2273	−.13	+0.1	24.1	1308	2848	+.07	+0.7	23.7	1368	2506	−.03	+1.0	22.1	1428	2700	−.11	−0.1	26.5
1248	2757	−.32	0.0	24.1	1309	2854	+.15	+0.5	23.2	1369	2507	−.17	+0.6	21.9	1429	2701	−.06	−0.2	25.0
1249	2758	−.05	+1.2	23.1	1310	2855	.00	+1.1	23.7	1370	2962	−.05	+1.9	24.1	1430	2703	−.16	+0.1	22.6
1250	2759	+.03	+0.5	25.8	1311	2409	−.11	+0.4	23.2	1371	2509	−.16	+0.4	23.5	1431	2705	−.15	+1.0	23.8
1251	2285	+.17	+0.8	22.2	1312	2858	−.17	+0.2	25.1	1372	2510	+.04	+1.0	23.1	1432	2708	−.43	+0.8	21.8
1252	2765	−.17	+0.9	26.0	1313	2413	−.23	+0.2	23.7	1373	2515	+.02	+0.8	22.4	1433	2719	−.02	+0.8	21.9
1253	2766	−.11	+1.1	24.0	1314	2417	−.05	+1.5	24.3	1374	2514	−.14	+0.7	24.1	1434	2727	−.14	0.0	21.7
1254	2767	+.11	+0.2	23.2	1315	2418	−.18	0.0	25.8	1375	2518	−.12	−0.8	25.1	1435	2737	+.05	+0.4	21.7

L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE
1436	2752	−ˢ11	+1″0	21.9	1497	2988	+ˢ03	+0″3	21.2	1557	3265	−ˢ04	+0″7	22.1	1621	1637	− ˢ01	+0″9	20.5
1437	2754	+.06	+0.7	20.2	1498	2989	−.20	+0.2	23.0	1558	3268	+.06	+0.8	22.1	1622	1638	+.02	−0.1	20.9
1438	2757	−.17	+.08	21.9	1499	2991	+.11	+0.9	24.3	1559	3270	−.06	−0.2	22.0	1623	1640	+.04	+0.3	19.2
1439	2761	+.01	+0.1	21.6	1500	2994	−.03	+0.2	21.6	1560	3275	−.07	0.0	22.0	1624	3492	−1.37	+2.6	20.6
1440	2762	−.12	0.0	22.4	1501	2997	+.03	−0.2	23.7	1561	3276	−.03	+0.3	20.0	1625	3494	−.11	+0.4	20.0
1441	2767	+.10	−0.9	21.1	1502	2999	−.04	+1.5	25.2	1562	3283	−.07	−0.1	23.2	1626	1643	+.05	+0.3	19.0
1442	2768	−.03	−0.6	24.6	1503	3000	−.07	+0.4	21.9	1563	3297	−.07	+0.5	20.4	1627	3499	+.14	+0.7	21.8
1443	2778	−.09	+0.4	19.8	1504	3001	−.08	−0.6	20.2	1564	3299	+.07	+0.5	20.1	1628	1644	−.03	+0.1	20.6
1444	2783	−.02	+0.3	21.9	1505	3002	−.02	−0.7	20.2	1565	3300	+.02	−0.4	25.2	1629	1645	+.02	−0.2	20.1
1445	2791	+.11	−1.1	21.0	1506	3004	−.16	+0.8	22.0	1567	3311	+.04	−1.7	23.5	1630	3503	−.07	−0.1	23.0
1446	2794	−.08	+0.5	21.0	1507	3005	−.08	+0.3	23.5	1568	3312	+.04	+1.1	22.0	1631	3504	−.14	−0.2	23.0
1447	2795	−.01	−0.3	21.1	1508	3008	+.02	+0.7	22.1	1569	3313	−.09	−0.1	21.8	1632	3513	−.05	−0.6	22.1
1448	2798	+.01	+0.7	21.9	1509	3020	+.02	+0.3	23.8	1570	3316	−.07	+0.2	24.0	1633	1647	+.07	+0.3	20.9
1449	2801	−.05	+1.9	21.8	1510	3024	−.02	−0.4	21.2	1571	3321	+.17	+0.1	20.9	1634	3516	+.03	+0.3	25.1
1450	2803	−.10	+1.0	21.3	1511	3029	−.09	−0.7	23.6	1572	3323	+.08	+0.2	23.1	1635	1649	−.04	−0.8	20.9
1451	2805	−.05	+2.3	21.2	1512	3031	−.16	0.0	23.6	1573	3324	.00	+1.4	22.0	1637	1650	+.06	+0.4	18.2
1452	2809	−.10	+0.5	22.0	1513	3033	−.16	0.0	22.3	1574	3331	−.10	−0.8	20.0	1638	3528	−.01	−0.2	21.1
1453	2832	−.06	+0.8	26.2	1514	3034	−.02	−0.2	20.2	1575	3332	+.07	+0.4	24.5	1639	3530	+.05	−0.4	19.4
1454	2837	+.03	+0.6	24.1	1515	3035	−.06	−0.3	23.1	1576	3338	−.03	0.0	21.3	1640	1656	−.09	−0.2	21.1
1455	2839	−.23	+0.6	26.2	1516	3040	−.08	+0.1	23.6	1577	3342	+.05	+1.6	23.6	1641	3535	+.03	0.0	24.1
1456	2843	−.09	+0.2	20.0	1517	3042	−.09	+1.8	23.0	1578	3346	−.01	+0.1	20.1	1642	1660	−.01	+1.0	19.7
1457	2844	−.08	+1.0	24.0	1518	3049	−.18	+0.3	25.0	1579	3347	−.03	+0.2	20.1	1643	1661	−.03	+0.7	20.2
1458	2846	−.27	+0.2	24.7	1519	3055	+.02	+1.2	23.6	1580	3354	+.09	+0.5	23.1	1644	3539	−.04	−0.7	25.0
1459	2853	−.10	+0.4	25.1	1520	3056	−.06	0.0	25.5	1581	3356	−.10	+0.6	25.1	1645	3540	+.01	+0.2	23.8
1460	2854	−.06	0.0	21.6	1521	3059	+.03	−0.4	21.9	1582	3359	+.10	+0.2	24.0	1646	3541	−.01	+0.5	22.1
1461	2858	+.12	+0.4	25.1	1522	3060	+.09	+0.5	23.1	1583	3362	−.07	−0.3	22.9	1647	3544	+.03	+0.9	22.7
1462	2860	−.05	−0.4	23.6	1523	3068	+.09	−0.1	23.0	1584	3366	−.13	−0.3	26.2	1648	1667	−.02	+0.5	17.8
1463	2864	−.12	−0.1	26.6	1524	3073	−.15	−0.1	21.9	1585	3367	+.02	+0.4	22.1	1649	1669	+.01	+0.1	18.7
1464	2869	−.06	+1.0	23.2	1525	3076	−.11	−0.2	25.6	1586	3381	−.16	+0.6	25.2	1650	1670	+.15	+0.5	18.9
1465	2872	−.16	+0.3	21.5	1526	3086	−.10	−0.1	25.6	1587	3382	−.07	+0.7	25.2	1651	1671	−.03	+0.5	20.2
1466	2876	−.09	−0.3	24.1	1527	3089	+.09	−0.3	20.2	1588	3385	−.04	+0.4	23.1	1652	3555	−.13	+0.1	20.5
1468	2880	−.06	+0.5	24.2	1528	3091	+.07	+0.1	22.1	1589	3386	−.04	−0.5	20.1	1653	3563	−.01	+0.5	23.7
1469	2886	.00	+0.3	25.2	1529	3099	.00	−0.4	22.7	1590	3390	+.05	−0.4	23.2	1654	3567	+.18	+1.0	22.5
1470	2889	.00	−0.1	26.2	1530	3098	+.01	+0.5	20.3	1591	1614	−.12	−0.2	18.5	1655	1677	−.02	−0.7	20.1
1471	2891	.00	−0.1	22.8	1531	3100	−.13	+0.2	22.0	1592	3395	+.08	+0.8	25.1	1656	1678	−.07	+0.9	20.7
1472	2895	−.04	+0.1	24.1	1532	3105	−.12	+1.0	22.0	1593	3397	−.15	+0.2	25.1	1657	3570	−.04	+0.8	22.1
1473	2905	−.05	+0.5	22.4	1533	3106	−.19	+1.2	22.0	1594	1615	−.03	+0.8	19.7	1658	3571	+.03	−0.7	22.5
1474	2906	.00	+0.1	23.0	1534	3108	+.06	+0.7	21.3	1595	1616	+.04	+0.5	20.5	1659	3579	−.01	0.0	23.1
1475	2909	−.08	−0.1	22.1	1535	3116	+.03	−0.5	21.1	1596	3403	+.10	−0.4	25.0	1660	1681	+.02	+0.6	18.5
1476	2911	−.08	−0.4	25.2	1536	3130	+.14	−0.1	20.2	1597	3404	−.05	+0.4	23.1	1661	3581	−.17	+0.3	21.8
1477	2919	−.13	−0.1	22.3	1537	3132	+.05	+0.5	19.5	1598	3405	+.03	+0.3	25.2	1663	1683	−.02	−0.4	18.5
1478	2921	+.06	−0.2	26.1	1538	3151	−.07	+0.7	23.1	1599	1620	+.17	+0.1	17.5	1664	3586	−.03	+0.1	25.4
1479	2924	−.25	+0.4	22.3	1539	3150	−.04	−0.3	23.1	1600	3414	−.12	−0.9	25.1	1665	1686	+.22	0.0	20.8
1480	2930	−.07	−0.2	25.2	1540	3153	−.03	−0.1	23.2	1601	3417	−.01	+0.2	21.8	1666	3599	−.59	−0.7	22.0
1481	2931	−.16	+0.7	25.2	1541	3156	−.06	+0.2	20.1	1602	3419	−.04	−0.2	23.2	1667	3602	−.01	0.0	22.6
1482	2933	−.07	−0.4	24.2	1542	3161	−.05	−0.8	25.4	1603	3422	−.03	−0.8	23.2	1668	3604	−.07	+0.4	21.9
1483	2936	+.02	−1.0	22.0	1543	3178	−.09	+0.2	24.0	1604	3423	−.13	+0.7	24.1	1669	1688	−.03	+0.2	21.0
1484	2937	.00	−0.1	20.3	1544	3195	−.03	+1.0	22.0	1605	3430	+.06	−0.5	20.2	1670	3607	−.01	−0.1	22.7
1485	2939	−.01	+1.1	20.1	1545	3198	−.12	−0.1	23.5	1607	3433	+.01	+0.4	22.0	1671	3619	−.04	+0.4	22.9
1486	2944	−.01	+0.4	22.2	1546	3201	−.07	+1.1	22.0	1608	3435	−.09	−0.2	21.5	1672	3622	−.04	+0.5	19.1
1487	2950	+.13	−0.2	25.1	1547	3222	−.06	+0.4	22.0	1609	3438	−.30	+0.3	20.2	1673	3627	+.01	+0.3	20.6
1488	2952	−.02	0.0	26.6	1548	3229	+.01	+0.5	20.2	1610	3442	−.09	−0.9	21.1	1674	3631	−.01	+0.4	19.1
1489	2961	−.02	+0.4	22.7	1549	3231	−.05	+0.4	22.4	1611	3450	+.04	+1.0	22.5	1675	1693	+.14	0.0	18.7
1490	2962	−.10	+0.3	26.6	1550	3235	+.04	−0.1	19.1	1612	1631	+.10	+1.0	17.1	1676	1697	−.09	+0.5	20.2
1491	2965	−.20	+0.6	24.4	1551	3238	+.06	+0.6	20.3	1613	3460	−.13	−0.2	21.6	1677	3647	+.01	+0.4	22.1
1492	2968	−.05	−0.2	25.1	1552	3239	+.12	+0.4	20.0	1614	3462	−.04	−0.1	23.2	1678	3651	−.15	+0.8	21.9
1493	2971	.00	+0.5	23.8	1553	3242	+.03	0.0	18.2	1616	1632	−.09	+0.3	20.2	1679	3652	−.03	−0.2	24.1
1494	2976	+.03	+0.2	22.9	1554	3245	−.11	+0.7	21.5	1617	3468	−.01	+0.2	22.6	1680	1699	−.03	−0.1	20.4
1495	2984	−.10	−0.3	25.7	1555	3246	−.07	+0.8	25.1	1619	3482	−.10	−0.2	25.1	1681	3655	−.03	+0.5	20.3
1496	2985	−.29	+3.2	26.2	1556	3255	−.02	−0.5	25.1	1620	5483	.00	+0.6	22.1	1682	1703	+.09	+0.1	20.1

L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE
1683	1705	+ˢ09	+0″5	20.9	1744	3827	−ˢ09	+0″2	24.1	1806	3977	ˢ00	+0″9	22.0	1871	1995	+ˢ12	+0″5	19.2
1684	1706	−.14	+1.1	19.9	1745	3830	−.01	−0.2	22.1	1808	1869	+.08	−0.1	20.1	1872	4148	−.09	−0.7	22.1
1685	1708	−.12	+0.5	18.9	1746	1774	−.05	0.0	17.1	1809	3984	−.02	−0.3	19.7	1873	4149	+.03	−0.5	20.1
1686	3668	−.02	+0.1	21.1	1747	1775	−.13	+0.1	18.2	1810	1872	+.04	+0.9	20.3	1874	4152	+.26	−3.0	21.0
1687	1710	.00	+0.6	20.7	1748	3838	−.03	+0.5	22.5	1811	3990	−.25	+0.5	22.1	1875	2000	−.01	+0.1	18.7
1688	1711	+.04	−0.1	18.4	1749	1779	−.05	0.0	20.5	1812	1875	−.05	+0.5	18.5	1876	2001	−.06	0.0	19.4
1689	1715	−.03	+0.9	21.0	1750	1783	−.11	+1.0	20.0	1813	3994	+.08	+0.2	22.1	1877	4155	−.19	−1.1	24.1
1690	1717	+.16	0.0	20.8	1751	3846	−.12	−1.0	24.3	1814	4000	−.17	−0.9	22.1	1878	4162	−.14	+0.3	23.4
1691	3676	+.06	−0.5	23.0	1752	1788	+.04	−0.2	20.3	1815	1882	+.06	+0.8	20.2	1880	4177	−.18	+0.4	22.1
1692	3682	−.12	−0.4	23.8	1753	3853	−.03	+0.5	23.8	1816	1884	+.04	−0.1	20.1	1881	4181	+.16	+1.2	23.0
1693	3685	−.04	0.0	23.8	1754	3854	+.03	+0.3	23.5	1817	1888	−.06	+1.0	20.1	1883	4182	+.05	+0.5	20.0
1694	3693	−.12	−0.6	22.3	1755	3857	.00	−0.6	25.1	1818	1889	+.02	+0.5	19 2	1884	4185	−.12	+0.1	19.0
1695	3695	−.07	+0.9	22.5	1756	1793	+.09	−0.5	20.5	1819	4012	−.07	−0.4	20.7	1886	4187	−.11	+0.7	21.4
1696	1725	+.01	+0.8	18.6	1758	1794	−.13	+0.5	17.8	1820	1892	−.06	+0.4	19.4	1888	4191	+.03	+0.4	23.0
1697	1727	−.08	+0.2	18.2	1759	1796	+.03	+1.0	17.3	1821	4025	−.12	+0.3	22.1	1889	2007	+.01	+1.2	20.1
1698	3704	−.07	+0.1	21.1	1760	3862	+.01	+0.4	21.1	1822	1897	−.07	+0.6	18.2	1890	4194	−.06	+0.2	22.1
1699	1729	+.10	+0.1	18.6	1761	3864	−.13	−0.2	23.6	1824	4036	−.10	−0.7	22.1	1892	4197	−.02	+0.4	20.7
1700	3707	−.04	+0.1	25.2	1762	3873	−.07	−0.5	23.0	1825	1900	+.17	+1.0	20.1	1893	2008	−.08	+1.6	18.1
1701	3709	+.03	+0.4	24.4	1764	1803	+.08	+0.8	20.9	1826	4041	+.15	−0.3	24.0	1894	4204	+.05	+0.2	21.8
1702	3710	.00	+0.1	23.5	1765	1804	−.06	+0.6	19.9	1827	1903	−.08	+0.3	20.1	1897	4215	−.05	−0.2	24.1
1703	3716	−.15	−0.3	23.0	1766	3877	+.08	+0.3	23.8	1828	4043	−.10	−0.3	24.1	1898	4217	−.85	−1.1	22.1
1704	1733	+.05	+0.6	19.8	1767	1809	−.05	0.0	20.8	1829	1909	+.01	+0.6	18.6	1899	2011	−.07	+0.9	20.5
1705	3718	+.13	+0.7	20.5	1768	1810	+.10	+0.4	20.4	1830	4047	−.25	0.0	23.4	1900	2012	−.07	+0.6	20.8
1706	3720	+.02	+0.5	22.1	1769	3885	−.08	−1.1	21.1	1831	1913	+.01	+0.2	18.2	1901	2013	−.19	−1.1	20.3
1707	1734	+.06	−0.5	21.0	1770	1815	−.03	+1.7	18.9	1832	1917	+.16	+0.8	18.1	1902	4219	−.03	+0.1	23.1
1708	3722	−.01	+0.1	23.1	1771	3887	−.15	0.0	23.2	1833	4056	−.15	0.0	22.0	1903	4220	−.03	+1 2	22.0
1709	1735	−.08	+0.2	18.8	1772	1817	+.07	−0.1	18.6	1834	1920	−.05	+0.4	18.5	1904	2014	−.05	0.0	18.6
1710	3723	+.14	+0.5	21.1	1773	1818	−.03	+0.3	20.5	1835	1921	−.04	+0.7	20.8	1906	2016	−.09	−0 3	21.0
1711	3727	−.03	−0.1	21.8	1774	3893	+.09	+0.2	22.0	1836	1927	−.33	+0.9	20.5	1907	4223	−.06	+1.1	22.1
1712	3736	−.08	0.0	20.5	1775	1821	+.22	+0.5	19.4	1838	1928	−.07	−1.7	20.2	1908	4233	−.13	+1.1	22.1
1713	1738	−.14	−0.3	20.9	1776	1822	−.02	−0.6	20.8	1839	1929	+.30	+0.4	20.1	1910	4237	−.03	+1.3	22.1
1714	3739	+.07	+0.3	22.0	1777	1825	+.14	+0 2	20.9	1840	4067	.00	−0.4	23.0	1912	4238	−.11	0.0	22.1
1715	3745	+.06	+0.1	22.5	1778	1828	−.01	−0.1	20.9	1841	4068	−.12	+0.3	21.5	1914	4239	+.02	−0.7	22.1
1716	3754	−.10	+0.2	—	1779	3910	.00	−0.6	23.1	1842	4069	−.21	+1.1	24.1	1915	4243	−.14	−0.2	21.8
1717	3755	−.05	+0.7	22.4	1780	1832	+.07	0.0	19.8	1843	1935	−.15	−0.1	17.5	1917	4246	+.01	+0.8	24.1
1718	3758	−.04	+0.6	22.0	1781	3918	−.01	+0.7	21.6	1844	1944	+.08	+0.7	18.1	1921	2026	−.08	+0.8	19 2
1719	3759	−.04	+0.7	22.0	1782	3919	−.08	−0.5	21.1	1845	1945	−.08	+0.5	18.1	1922	2028	+.02	+0.8	18.8
1720	3760	−.14	0.0	21.6	1783	1837	−.40	+0.8	18.7	1846	1946	−.05	+1.2	20.1	1923	2030	−.05	+1.4	18.6
1721	3762	+.03	+1.4	19.9	1784	1841	−.16	+1.0	19 8	1847	4087	−.17	+0.3	22.2	1924	2031	+.09	+0.7	18.6
1722	3765	−.02	−0.4	21.1	1785	1843	+.13	+1.1	20.5	1848	1949	−.17	+0.2	19.2	1925	4260	−.64	−0.7	22.6
1723	3766	−.06	+0.7	19.9	1786	1844	−.07	+1.4	20.1	1849	4091	−.24	−0.1	24.0	1927	2034	.00	+0.3	20.6
1724	3770	+.04	+0.2	21.8	1787	1846	+.02	+1.5	20.8	1850	4094	−.08	−0.8	22.1	1928	4269	−.19	0.0	25.0
1725	1746	−.18	+1.3	20.9	1788	1848	+.06	−0.8	18.5	1851	1957	+.06	+0.7	20.2	1929	2035	+.01	+0.3	20 2
1726	3778	−.07	−0.6	24.0	1789	1850	+.06	+1.0	19.7	1853	4099	+.22	−1.8	22.6	1930	2036	+.12	+0.1	20.2
1727	3781	+.01	0.0	23.7	1790	3935	−.07	−0.4	22.1	1854	1961	+.24	+1.9	18.1	1931	2037	−.08	+0.7	18.1
1729	1753	−.08	−0.7	19.1	1791	1852	+.06	+0.9	18.2	1855	1962	−.11	+1.4	18.1	1932	4272	−.12	+0.3	21.7
1730	1756	+.03	−0.3	21.0	1792	3939	−.01	+0.4	21.0	1856	4105	−.14	−0.2	24.1	1933	4274	+.02	+0.5	22.1
1731	3791	+.02	−0.6	19.4	1793	3940	−.05	+0.8	21.0	1857	1970	+.08	−0.1	20.7	1935	4281	−.12	0.0	21.5
1732	3792	+.01	−0.4	23.6	1794	3944	−.10	+0.1	23.0	1858	1972	−.11	+1 6	20.2	1936	2044	+.11	+1 0	20.5
1733	3796	−.05	+0.4	21 8	1795	3947	+.03	+0 9	22.7	1859	1973	−.04	−0.4	20.2	1937	2045	+.05	0.0	20.6
1734	1759	−.09	+0.4	18.2	1796	1855	−.02	+0 9	20.1	1860	1974	.00	+0.5	17.6	1938	4292	−.18	−0.1	24.1
1735	3799	.00	+0.4	21 8	1797	1856	−.15	+0.9	20.1	1861	4113	−.18	−0.1	24.1	1939	4293	−.07	−0.6	24.5
1736	3800	−.05	+0 2	23.1	1798	1861	+.11	−0.3	20.7	1862	1976	−.01	+0.6	18.1	1941	2050	.00	+1.0	20.2
1737	3801	+.01	+0.2	22.1	1799	1862	+.17	−1.1	17.8	1863	4122	−.01	+0.6	20.5	1943	4305	−.04	−0.5	22.3
1738	3803	−.05	−0.9	22.0	1800	3965	−.11	+0.1	24.1	1864	1978	.00	+1.1	18.1	1945	4311	+.05	−0.7	23.0
1739	1763	−.19	+0.3	19.1	1801	1863	+.09	+0.4	18.6	1865	4133	−.12	−0.3	22.1	1946	2054	+.09	+0 8	20.1
1740	3815	.00	+0.1	23.5	1802	1864	−.10	+0.1	17 9	1866	1986	−.54	−0.4	20.6	1947	4319	+.03	+0.1	24.1
1741	1767	+.05	+1.0	21 0	1803	1865	−.40	+0.4	18.7	1867	4134	+.06	+0.2	21.8	1949	2059	+.15	−0.6	20.5
1742	3818	−.04	+0.4	23.5	1804	3974	−.16	0.0	20.0	1868	1989	−.03	+0.5	19.6	1950	4328	−.13	−1.0	22.1
1743	3826	+.07	+1.3	22.0	1805	3975	−.03	+0.4	21 9	1870	1994	+.01	+1.1	18.5	1951	2062	−.11	−0.2	20.6

L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE
1955	2065	+ ˢ.01	+ 1″.2	18.6	2032	2170	− ˢ.12	− 0″.4	19.7	2100	2271	+ ˢ.11	+ 1″.0	20.4	2165	4928	− ˢ.01	+ 0″.8	22.5
1956	2068	+ .14	+ 0.7	20.1	2033	4540	+ .09	− 0.9	24.1	2102	4747	+ .43	− 2.6	22.0	2166	4932	− .02	+ 0.1	23.1
1957	2069	+ .12	+ 1.9	20.1	2035	4545	− .05	+ 0.2	23.1	2104	2276	− .08	0.0	18.7	2167	2381	− .07	+ 0.3	20.2
1958	4356	+ .02	+ 0.4	24.1	2037	2174	− .22	+ 0.2	21.8	2106	4756	+ .01	− 0.1	24.0	2168	2382	− .06	0.0	19.3
1959	2072	− .14	+ 1.5	20.1	2038	2175	− .02	+ 0.2	18.6	2107	2277	− .03	+ 0.1	19.4	2169	4934	+ .16	− 0.3	23.1
1960	2075	− .14	0.0	18.6	2039	4558	− .05	+ 0.2	16.6	2108	4761	− .10	+ 0.7	24.1	2170	4935	+ .03	− 0.1	22.1
1961	4364	− .24	− 0.6	24.4	2040	2178	+ .32	+ 0.4	18.1	2109	2278	− .15	+ 0.1	20.7	2171	4943	− .03	0.0	19.3
1963	2077	− .01	− 0.3	18.6	2041	4578	+ .03	+ 0.5	22.0	2110	4763	+ .03	0.0	24.1	2172	4944	− .46	− 1.3	22.1
1965	4371	− .11	+ 0.1	22.1	2042	4582	+ .13	+ 0.8	22.1	2111	4766	− .10	+ 0.4	19.4	2173	2386	− .08	+ 1.0	17.8
1966	2080	+ .01	+ 0.3	20.6	2043	4583	+ .27	+ 0.5	22.3	2112	2282	− .29	− 0.1	18.6	2174	2397	+ .18	− 0.1	20.1
1967	4372	+ .15	+ 0.5	23.0	2044	4586	− .08	+ 0.8	21.4	2113	2285	− .12	+ 0.3	18.1	2176	4952	− .05	− 0.4	24.7
1968	2081	− .06	0.0	20.2	2045	2183	− .15	+ 0.2	20.0	2114	2288	+ .15	− 0.1	18.1	2177	4953	.00	− 0.7	23.1
1969	2083	− .10	+ 0.3	20.5	2046	4589	− .06	+ 0.2	22.0	2115	4784	+ .01	+ 0.6	23.7	2179	4956	+ .06	− 0.6	25.1
1970	4379	− .01	+ 0.3	23.0	2048	2189	− .64	− 1.2	18.7	2116	2292	+ .18	+ 0.4	19.3	2180	4957	− .05	− 0.3	21.1
1971	4384	− .04	+ 0.9	21.3	2049	4597	+ .10	− 0.3	23.0	2118	4786	− .01	+ 1.1	23.6	2181	4959	+ .01	0.0	21.4
1972	2086	+ .06	+ 0.2	18.1	2051	2192	+ .04	+ 0.4	20.6	2119	4799	− .06	+ 1.5	24.5	2182	4960	+ .02	+ 0.1	21.5
1973	2088	+ .28	+ 0.1	17.2	2052	4603	+ .10	+ 0.5	19.2	2120	4805	− .10	+ 0.1	22.0	2183	2406	− .02	+ 1.2	18.6
1975	2091	− 1.10	− 1.2	18.8	2053	4607	− .11	− 0.7	23.1	2122	2303	− .03	+ 1.0	18.1	2184	4969	.00	− 0.3	20.0
1979	4403	− .50	− 1.7	24.1	2054	4609	+ .04	− 0.9	22.0	2123	4812	+ .09	+ 0.7	18.2	2185	2412	− .04	+ 0.4	19.2
1980	2097	+ .01	− 0.3	17.5	2055	4611	− .09	+ 0.5	23.0	2124	4816	+ .01	− 0.2	23.2	2186	4973	+ .06	− 0.2	24.0
1982	4412	− .07	+ 0.3	22.0	2056	2197	− .21	+ 0.7	20.2	2125	2306	+ .11	− 0.5	19.4	2187	4976	− .35	− 1.6	23.9
1984	4415	+ .15	+ 0.5	21.5	2057	2198	− .07	+ 0.3	19.3	2126	4824	− .05	+ 0.1	23.5	2188	2414	− .12	+ 0.7	19.3
1986	2105	− .12	− 0.3	19.2	2058	4621	+ .06	− 0.1	24.6	2127	2309	+ .10	+ 1.3	20.7	2189	4977	− .04	0.0	25.1
1988	2107	+ .07	− 0.2	18.8	2059	4630	+ .08	+ 0.6	21.6	2128	2311	+ .04	+ 1.0	20.7	2191	4979	+ .02	+ 0.4	21.0
1991	4427	− .19	+ 0.2	22.0	2060	4633	− .02	− 0.3	22.0	2129	2312	− .03	0.0	21.1	2192	2417	+ .13	+ 0.1	18.6
1992	4428	− .09	+ 0.4	23.1	2061	2205	− .42	− 0.5	17.4	2130	2313	+ .10	+ 0.7	17.5	2193	4986	+ .10	+ 0.2	17.0
1993	2111	− .12	− 1.0	20.7	2062	4636	− .07	+ 0.1	21.5	2131	4835	− .06	− 0.2	22.0	2194	2421	+ .02	+ 0.3	17.5
1996	2114	+ .06	0.0	20.5	2064	4639	− .07	− 0.6	24.1	2132	4838	− .14	− 0.1	22.0	2198	2429	.00	+ 1.5	18.1
1998	2117	+ .11	+ 0.9	18.1	2065	4646	− .16	− 0.6	25.2	2133	2316	− .01	+ 0.4	17.1	2199	4999	− .08	+ 0.4	21.0
1999	2118	− .12	0.0	19.6	2066	2210	− .02	+ 0.8	20.2	2134	4846	+ .17	+ 0.2	23.5	2200	2432	+ .04	+ 0.5	17.4
2000	2120	+ .11	+ 0.9	18.1	2067	2211	− .05	+ 0.1	20.7	2135	4845	− .06	+ 0.1	23.1	2201	5001	− .15	− 0.2	23.9
2001	4443	+ .04	+ 0.8	22.1	2068	2215	+ .16	+ 0.2	19.5	2136	2322	− .05	+ 0.3	20.2	2202	5004	− .05	+ 0.2	24.2
2002	2122	+ .10	+ 0.4	19.6	2069	2216	+ .14	0.0	17.5	2137	4852	+ .01	− 0.1	21.9	2203	5005	− .05	+ 0.4	25.2
2003	2124	+ .12	− 0.3	19.8	2070	2217	− .10	+ 0.6	21.5	2138	4853	+ .07	+ 0.4	22.7	2204	5014	.00	− 0.3	21.5
2004	2125	− .02	+ 0.6	20.7	2071	4656	+ .01	+ 0.3	23.0	2139	2324	− .06	+ 0.8	19.9	2205	2440	− .08	+ 0.8	18.8
2005	4461	− .13	− 0.5	22.1	2072	2222	− .06	+ 0.2	18.2	2140	4857	− .06	0.0	22.0	2206	2442	+ .12	0.0	18.2
2006	2127	− .13	− 0.4	20.8	2073	4666	− .05	+ 0.4	22.0	2141	4860	− .05	+ 0.3	19.2	2207	5022	− .02	+ 0.6	17.6
2007	4465	− .18	+ 0.8	23.6	2074	2226	+ .01	+ 0.4	19.2	2142	4869	− .15	− 1.1	21.0	2208	5023	− .17	− 0.5	19.6
2008	2128	+ .22	− 0.1	18.6	2075	2227	− .03	− 0.1	20.1	2143	4871	+ .08	+ 0.1	23.0	2209	5027	− .04	+ 0.6	23.0
2009	2132	− .11	+ 0.3	18.1	2076	4668	− .05	− 0.7	24.6	2144	2335	− .08	+ 0.2	19.5	2210	5030	− .04	+ 0.3	17.7
2010	4475	− .09	− 0.6	23.1	2077	2229	− .19	− 0.1	19.3	2145	4874	− .05	− 0.8	23.5	2211	2449	+ .13	+ 1.2	17.0
2011	4476	− .07	+ 1.1	22.1	2079	4688	− .13	− 0.4	24.7	2146	2339	+ .06	+ 0.9	19.4	2212	2450	− .05	+ 0.9	20.3
2010	2136	− .28	+ 0.1	18.3	2080	2237	+ .03	+ 1.4	18.2	2147	2340	− .08	− 0.1	19.4	2213	2455	+ .08	+ 1.0	20.6
2014	4482	− .09	− 0.6	24.1	2081	4693	− .05	0.0	22.1	2148	2343	+ .03	+ 0.4	20.6	2214	5044	− .06	− 0.1	19.6
2015	2138	+ .02	+ 0.4	20.6	2083	2241	+ .04	+ 1.1	18.1	2149	2352	− .03	0.0	20.7	2215	2461	− .07	+ 1.1	19.0
2016	2140	− .02	+ 0.3	20.0	2084	4697	− .08	+ 0.2	22.1	2150	4887	+ 06	+ 0.5	21.5	2216	5046	− 1.50	+ 14.2	23.0
2017	4492	+ .06	+ 0.1	23.6	2085	2242	− .05	− 0.1	18.1	2151	4889	.00	0.0	21.5	2217	5049	+ .11	+ 0.9	21.1
2018	2143	− .05	+ 0.1	18.7	2086	4701	+ .06	− 0.5	21.5	2152	2359	− .07	+ 0.8	17.8	2218	5051	+ .10	+ 0.4	21.5
2019	2144	− .01	+ 0.7	18.2	2087	2245	+ .07	+ 1.3	19.5	2153	2360	− .06	+ 0.3	18.6	2219	2466	+ .08	+ 1.2	16.9
2020	4502	− .12	+ 0.8	19.8	2088	4706	− .22	+ 0.1	24.1	2154	2361	− .03	+ 0.6	19.3	2220	5056	− .32	− 2.1	19.7
2021	2147	− .01	+ 0.8	18.1	2089	2250	− .01	− 0.6	20.2	2155	2362	+ .04	− 0.2	19.8	2221	2471	+ .12	+ 1.2	19.1
2022	2157	+ .02	+ 0.4	19.2	2090	4710	− .06	− 0.3	24.0	2156	2365	− .03	0.0	20.3	2222	5064	+ .17	− 0.3	23.6
2023	2160	+ .01	+ 0.4	20.2	2091	4713	− .11	+ 0.3	22.0	2157	4905	+ .04	0.0	23.6	2223	5066	+ .11	+ 0.1	22.1
2024	4514	− .05	0.0	22.1	2093	2260	− .10	+ 0.3	17.2	2158	4906	− .23	+ 0.1	24.6	2224	2475	− .04	+ 1.0	20.3
2025	2164	+ .05	+ 0.1	20.2	2094	4720	− .01	0.0	20.4	2159	4907	− .08	+ 0.3	23.6	2225	5068	+ .01	− 0.4	23.0
2026	2165	+ .10	− 0.2	20.2	2095	4734[1]	.00	+ 0.1	22.8	2160	4909	− .20	− 0.4	23.1	2226	2478	+ .06	+ 0.4	18.1
2027	2166	− .03	0.0	20.0	2096	4735	− .11	+ 0.2	24.7	2161	2377	+ .10	+ 1.4	18.0	2227	5070	− .09	+ 1.0	20.0
2028	2167	+ .04	+ 0.1	17.2	2097	4758	+ .08	+ 0.1	25.1	2162	4913	− .16	− 0.5	22.1	2228	2481	+ .15	+ 0.7	17.5
2030	2168	+ .02	− 0.1	17.4	2098	2266	+ .04	− 0.9	20.8	2163	4915	− .01	− 0.1	21.0	2229	5075	− .08	− 0.3	22.0
2031	4530	− .06	− 0.1	21.9	2099	4742	+ .08	+ 1.0	21.8	2164	4923	− .10	+ 0.7	20.6	2230	5079	− .27	− 0.3	18.4

[1] La Plata B +3′ en δ.

L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE
2231	5085	−ˢ.04	+1″.0	23.6	2299	5243	+ˢ.09	+0″.1	15.9	2359	5381	+ˢ.19	−0″.6	21.8	2427	5471	−ˢ.11	−0″.1	23.9
2232	5092	+.07	−0.5	24.8	2300	5245	−.05	+0.3	19.1	2360	5382	−.04	−0.8	24.6	2428	5473	−.14	−0.2	23.7
2233	5093	+.05	+0.4	21.5	2301	5253	−.10	−0.4	24.1	2361	5379	+.07	−1.1	20.9	2429	5472	+.10	+0.1	23.1
2234	5094	−.01	+0.9	21.2	2302	5255	.00	+0.3	23.0	2362	5383	+.09	−0.1	25.1	2430	5475	−.10	+0.6	21.8
2235	5096	−.03	+0.6	22.4	2303	5261	+.08	+0.1	25.1	2363	5384	−.07	+0.1	23.3	2431	4805	−.15	−0.9	23.1
2236	2492	+.09	+1.3	18.4	2304	5265	+.11	+0.4	18.6	2364	5385	−.11	+0.4	21.9	2432	4806	+.10	−0.5	21.1
2237	2493	+.27	+0.3	18.1	2305	5270	−.04	+0.8	21.7	2365	5386	−.02	0.0	24.2	2433	5480	−.07	0.0	24.1
2238	5103	−.10	+1.1	22.0	2306	5273	+.02	+0.1	21.3	2366	5388	+.09	+0.4	21.7	2434	5482	+.08	+0.9	23.4
2239	2501	+.08	+1.2	18.2	2307	5274	−.08	0.0	22.0	2367	5390	−.02	+0.1	19.9	2435	5483	−.04	+0.2	26.1
2240	2502	−.09	+0.6	17.0	2308	5275	−.04	−0.3	20.3	2368	5391	−.16	+0.6	21.3	2436	4811	−.11	−0.6	23.8
2241	5107	−.10	−0.4	18.6	2309	5278	−.11	+0.7	20.8	2369	5292	−.15	+0.6	22.6	2437	5485	−.06	−0.1	24.0
2242	5109	−.09	−0.2	18.8	2310	5279	−.01	+0.6	18.0	2370	5396	−.02	−0.3	25.1	2439	5489	−.03	+0.4	24.2
2243	5110	−.05	−0.4	25.1	2311	5282	−.14	−0.7	25.1	2371	5398	+.05	+1.0	24.5	2440	5491	−.18	+0.1	24.7
2244	5115	+.04	+0.4	23.3	2312	2646	−.09	+1.2	20.2	2372	5400	+.09	−0.3	24.1	2441	5492	−.01	+0.1	22.1
2245	2507	−.09	+0.4	20.6	2313	2647	−.14	+1.5	20.2	2373	5401	+.08	−0.3	24.6	2442	5493	−.06	+0.3	21.0
2246	2512	−.08	+1.9	18.0	2314	5289	−.14	−2.3	20.2	2374	5405	+.05	+0.9	21.9	2443	5494	+.01	−0.7	20.0
2247	2513	+.07	+0.5	18.0	2315	5290	−.10	+1.1	21.7	2375	5406	−.38	−2.0	23.6	2445	5496	+.08	+0.5	20.6
2248	5124	+.08	−0.1	22.0	2316	5292	+.06	+0.6	21.4	2376	5407	+.06	+0.2	23.7	2446	4825	+.11	−0.4	23.1
2249	5134	−1.26	+17.4	22.1	2317	5293	−.03	0.0	22.9	2377	5408	−.02	0.0	22.0	2447	4826	−.02	−0.8	23.2
2250	5133	−.41	+0.6	19.5	2318	5295	−.06	+0.5	21.4	2378	5409	−.21	−0.4	21.8	2450	5500	−.05	+0.1	21.1
2251	5136	+.02	−0.1	25.1	2319	5298	+.06	+0.8	17.2	2379	5411	−.21	+0.4	21.3	2451	4832	−.01	−0.6	21.2
2252	5137	−.55	+2.0	24.0	2320	5300	+.13	−2.8	23.0	2380	5412	−.18	0.0	25.1	2452	5506	−.15	−0.5	22.0
2253	5138	+.15	+0.4	21.4	2321	5301	+.16	+0.1	23.4	2381	5413	−.02	+0.5	26.1	2453	5507	+.08	+0.2	22.1
2254	5141	+.09	+0.4	22.1	2322	5303	−.05	+0.5	21.4	2383	5114	+.08	−0.2	25.8	2454	5508	−.05	0.0	21.0
2255	5146	−.20	+1.0	22.5	2323	5308	+.22	+0.2	22.8	2384	5418	+.09	+0.7	24.0	2455	5509	+.03	0.0	23.4
2256	2526	.00	+1.4	18.2	2324	5311	−.01	+1.0	19.9	2385	5416	−.05	+1.0	23.1	2456	4837	−.02	0.0	22.1
2257	2532	+.01	+1.6	18.0	2325	5316	+.07	+0.9	19.0	2386	5417	−.04	+0.1	21.8	2459	5518	−.09	0.0	24.2
2259	5158	−.21	0.0	21.0	2326	5315	+.17	+0.3	20.4	2387	5422	+.09	0.0	24.0	2460	5519	.00	−0.1	22.8
2262	2544	+.08	0.0	20.2	2327	5317	.00	−0.3	24.8	2388	5425	−.04	0.0	22.5	2461	4842	+.02	−0.7	24.2
2263	5164	−.02	−0.3	23.6	2328	5319	+.01	+0.5	20.9	2389	4753	+.02	0.0	22.0	2462	5524	−.01	+1.1	19.2
2264	5165	+.02	−0.4	23.6	2329	5320	−.02	+0.3	22.0	2390	5427	−.08	+0.2	26.1	2463	4847	−.01	−0.2	22.1
2265	5172	+.15	+0.5	22.4	2330	5323	−.02	+0.8	22.0	2391	5428	−.01	+0.5	24.5	2464	4849	−.05	−0.5	21.2
2266	5173	+.05	+0.4	19.0	2331	5325	+.07	+0.2	26.1	2392	5429	−.06	+0.5	23.5	2465	4850	+.04	−0.7	22.0
2268	5179	−.04	0.0	20.9	2332	5326	−.06	−0.1	23.4	2393	5431	−.05	+0.1	24.2	2467	4856	−.07	+0.1	21.7
2269	5178	+.07	−0.2	19.9	2333	5327	−.07	−0.1	24.2	2394	4760	+.05	+0.4	21.0	2468	5531	−.16	+0.7	20.0
2270	2553	+.01	+0.5	17.0	2334	5329	−.06	+0.9	24.0	2395	5432	+.12	+0.1	22.3	2469	4861	−.06	+0.1	23.0
2271	5180	−.14	+0.2	25.1	2335	5328	+.06	+1.2	20.0	2398	5436	−.22	−4.0	18.0	2470	5535	−.11	+0.6	24.1
2272	5181	−.06	−0.5	23.9	2336	5330	−.26	−0.1	24.0	2400	5439	−.16	+0.3	24.7	2471	5536	−.27	−1.4	—
2273	5184	+.10	−0.1	23.4	2337	5336	+.10	+1.2	21.4	2402	4770	+.10	−0.4	24.1	2472	4866	.00	−0.3	24.2
2274	5187	−.06	+1.1	24.0	2338	5337	+.06	+0.9	20.9	2403	4771	−.38	+1.4	24.2	2473	5539	+.06	+0.5	24.5
2276	5192	−.07	−0.4	22.0	2339	5338	−.05	+0.2	21.4	2404	5443	+.07	−0.2	26.2	2474	5546	+.15	+0.9	21.1
2277	5199	−.05	+0.4	18.8	2340	5339	−.19	−1.3	24.1	2406	4775	+.16	+0.3	21.5	2475	5555	−.14	+0.4	24.2
2278	5200	.00	−0.7	22.0	2341	5341	.00	−0.8	24.2	2407	5444	+.11	+0.5	23.0	2477	4882	+.06	+0.2	22.1
2279	5202	+.09	+0.5	22.2	2342	5340	+.07	+0.7	23.0	2408	5445	−.05	+0.5	23.6	2478	5564	−.03	+0.4	21.0
2280	5203	+.03	+0.7	19.9	2343	5342	+.17	−0.3	22.4	2409	4782	−.04	−0.1	21.0	2479	5566	−.29	−0.4	23.9
2281	5204	−.06	+0.3	25.8	2344	5343	.00	−0.1	25.0	2410	5446	+.01	−0.1	23.0	2480	5569	−.08	+0.5	21.0
2282	5205	−.15	+0.4	22.1	2345	5345	−.01	+0.1	22.0	2411	5447	−.01	−0.3	26.1	2481	4887	−.04	+0.5	23.2
2284	5213	−.01	+0.2	24.2	2346	5346	+.14	−0.2	19.9	2412	5448	−.03	0.0	24.2	2482	4888	−.01	0.0	22.0
2285	5215	+.05	+1.0	23.0	2347	5353	+.12	−0.4	22.0	2413	5449	+.04	0.0	24.1	2483	4897	+.05	+0.3	23.4
2286	5214	+.05	+0.6	23.0	2348	5356	+.09	+0.5	19.9	2414	5441	−.06	−0.4	22.2	2484	5577	+.03	+0.6	25.8
2287	2585	+.10	−0.8	16.9	2349	5359	−.02	+0.3	20.7	2415	5458	−.16	−0.8	23.2	2485	5578	+.04	+1.1	25.8
2288	5217	−.01	+0.3	21.1	2350	5360	−.01	+0.3	24.1	2418	4792	+.01	−1.0	21.6	2486	5583	.00	−0.8	25.5
2289	5223	−.08	+0.1	23.0	2351	5361	+.07	+0.3	21.6	2419	4794	+.01	+0.1	22.8	2487	5585	−.10	+0.5	22.7
2291	2594	−.12	+0.3	19.7	2352	5367	+.01	+0.1	23.5	2420	5462	−.07	0.0	22.2	2489	5589	+.01	−0.5	20.6
2292	2596	−.07	+0.1	20.2	2353	5369	−.33	−1.9	23.4	2421	5464	−.09	−0.2	24.1	2492	5594	−.07	+0.2	22.8
2293	5226	−.03	+0.2	26.1	2354	5371	.00	+0.4	21.3	2422	5463	+.01	+0.4	24.6	2493	5595	+.02	0.0	23.1
2295	5233	+.06	+0.2	23.5	2355	5372	+.04	+0.3	23.5	2423	5465	−.09	−0.1	23.9	2494	4906	−.22	−0.5	23.1
2296	5234	+.10	+0.3	22.3	2356	5374	+.02	+0.9	19.9	2424	5466	−.45	−3.2	18.2	2495	4907	−.09	+0.3	21.7
2297	5236	−.01	−0.1	23.0	2357	5378	.00	+0.2	22.4	2425	5467	+.12	−0.3	24.1	2497	5610	.00	+0.2	24.9
2298	5242	−.20	+0.3	19.9	2358	5380	+.06	−0.7	24.1	2426	5468	−.01	+0.6	20.4	2498	4917	+.07	−0.6	23.4

L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE	L. P.	Zonas	Δz	Δδ	ΔE
2499	4924	+ˢ11	+0″5	22.2	2564	5060	+ˢ05	−0″4	22.0	2629	5179	−ˢ18	−0″3	24.6	2694	3382	+ˢ04	+0″8	3.0
2500	5614	+.06	+0.6	26.2	2565	5062	−.02	+0.7	22.1	2630	5180	+.06	+0.1	25.0	2695	5301	−.06	+0.1	24.6
2501	5619	−.16	+0.3	24.2	2566	5064	−.01	+0.3	24.2	2631	33.6	+.09	+0.2	5.5	2696	5303	−.03	−0.2	24.2
2502	4930	+.08	+0.4	23.2	2567	5065	−.03	+0.3	23.1	2632	5181	+.08	+0.4	24.1	2697	5307	+.01	+0 7	25.2
2504	4935	−.02	+0.1	21.2	2568	5066	+.02	−0.2	23.1	2633	5183	−.11	−0.4	26.1	2698	3386	−.02	−1.3	5.6
2506	4938	−.06	+0.4	22.1	2569	5068	+.03	+0.5	24.1	2634	5185	+.05	+0.6	22.8	2699	3390	−.06	+0.3	5.1
2508	4939	+.04	−0.2	23.1	2570	5069	−.11	−0.5	24.2	2635	5187	+.01	−0.2	23.1	2700	5320	−.15	+0.1	26.1
2509	5631	+.13	+0.3	26.1	2572	5071	+.05	−0.7	22.2	2636	5192	+.04	+0.2	24.1	2701	5322	−.14	−0.5	26.7
2510	5632	−.07	+0.4	24.5	2573	5070	−.05	−0.2	21.2	2637	5193	−.14	−0.2	24.1	2704	5324	−.08	+1.4	26.7
2511	4941	+.03	−0.1	22.2	2574	5077	+.09	−1.0	22.1	2639	5196	−.17	−0.9	25.1	2705	3393	+.09	−0.7	3.0
2512	5634	+.03	−0.1	23.2	2575	5080	−.06	+0.3	21.0	2640	5194	−.14	+0.3	22.1	2706	5327	−.10	−0.5	24.1
2513	5638	+.01	+0.8	24.2	2576	5083	+.03	−0.5	22.0	2641	3341	−.07	+0.5	3.1	2707	3394	+.07	−0.1	3.0
2514	4942	.00	+0.1	23.1	2577	5082	.00	+0.2	21.0	2642	5199	−.07	+0.7	24.5	2708	5332	−.22	−1.0	23.7
2515	4944	−.19	+0.4	21.0	2578	5084	−.11	+0.6	23.2	2643	5201	−.03	+0.5	25.6	2709	5333	+.02	+0.8	23.1
2516	4949	+.02	+0.7	22.1	2579	5087	+.06	+0.1	21.4	2644	5202	−.05	+0.3	24 1	2710	3396	+.11	+0.7	2.9
2517	5644	−.14	−0.2	23.4	2581	5089	−.06	−0.3	26.1	2645	5205	+.13	−0.4	23.1	2711	3397	.00	+0.7	2.9
2518	4933	−.07	0.0	21.0	2582	5092	+.01	+0.9	25.1	2646	5210	+.03	+0.3	22.2	2712	3398	+.03	+0.4	3.2
2519	4938	−.06	−0.3	22.1	2583	5093	+.04	−0.6	23.7	2647	5213	−.06	−1.0	22.2	2713	3399	+.04	+0.4	3.1
2520	5650	.00	−0.7	26.1	2584	5097	+.03	−0.7	22.1	2648	3345	−.05	+0.4	3.0	2714	3400	−.05	+0.6	4.1
2521	5655	−.05	+0.8	23.8	2585	5098	−.10	+0.6	23.1	2650	5216	+.01	+1.0	23.0	2715	3401	.00	−1.8	5.2
2522	4969	−.05	+0.6	24.2	2586	5099	+.01	−0.1	23.0	2651	5222	−.12	−0.7	22.1	2716	3402	−.02	−0.5	5.1
2523	4972	+.01	+0.9	23.1	2587	5100	−.02	−0.3	23.5	2652	5223	+.04	+2.5	21.4	2717	5342	−.15	+0.4	26.1
2524	4975	−.09	−0.3	22.2	2588	5103	−.09	0.0	22.2	2653	5224	−.23	+1.0	24.2	2718	3403	+.05	−0.5	5.1
2525	4977	−.06	−0.4	21.1	2589	5104	−.05	−0.6	22.0	2655	5229	+.01	+0.7	24.1	2719	5345	−.03	+0.5	24.2
2526	4979	−.04	+0.5	22.1	2590	5105	−.04	−0.2	23.8	2656	5230	+.12	+0.1	25.7	2720	5348	−.03	0.0	26.1
2527	5664	+.10	+0.3	25.1	2591	5106	+.06	+0.5	24 0	2657	5232	+.09	−0.9	24.1	2722	5353	−.10	+0.4	27.2
2528	5668	−.21	+0.3	24.1	2592	5107	+.11	−0.5	27.3	2658	3351	+.01	+0.4	3.2	2723	5354	+.01	−0.7	23.2
2529	5667	−.24	−1.0	23.3	2594	5111	−.09	−0.7	24.1	2659	5238	+.05	−0.4	23.2	2724	5357	−.01	−0.4	23.7
2531	5669	−.31	−0.8	21.0	2595	5112	+.09	−1.2	25.2	2660	5239	−.06	+0.2	23.2	2725	3406	+.03	+0.4	3.0
2532	4988	+.07	−1.0	24.1	2596	5115	+.01	0.0	23.7	2661	5240	−.15	−0.7	23.1	2726	3407	+.03	+0.7	3.0
2533	4993	−.02	+0.2	23.6	2598	5120	−.03	+1.9	23.1	2662	3355	.00	+1.1	3.0	2727	5359	−.08	−0.3	23.6
2534	4994	−.16	0.0	23.7	2599	5121	+.20	+0.3	24.2	2663	3357	.00	−0.3	3.0	2728	5360	+.06	−0.2	23.2
2535	4997	+.14	+0.6	24.1	2600	5122	−.05	+0.1	23.1	2664	3358	−.05	+0.1	4 3	2729	3408	−.01	+0.5	2.9
2536	4998	−.01	−0.3	21.2	2601	5125	−.11	+0.9	22.1	2665	5246	+.01	+0 5	24.4	2730	5363	−.10	+0.5	23.0
2537	5004	−.09	+0.9	21.1	2602	5129	+.11	−0.1	23.1	2666	5244	+.06	+0.1	25.0	2731	3411	+.07	+0.7	3.1
2538	5683	+.07	+0 2	20.2	2603	5132	−.02	−0.3	21.0	2667	5247	+.26	−1.1	26.0	2732	3412	−.10	−0.1	5.1
2539	5686	−.09	−0.3	19.0	2604	5133	−.03	+0.2	23.6	2669	5254	+.05	−0 5	22.7	2733	5366	−.38	+0.7	23.2
2540	5009	−.98	−0.1	21.0	2605	5134	−.03	−0.7	24.1	2670	5255	−.09	−1.0	23.1	2734	3414	−.05	−0.1	5.1
2541	5010	−.03	+1.2	22.7	2606	3315	.00	+1.1	5.2	2671	5256	−.01	+0.6	22.2	2735	3415	+.04	−0.4	5.2
2542	5013	−.06	+0.3	21.0	2607	5135	+.04	+0.8	24.2	2672	3363	−.03	−0.4	3.2	2736	5375	−.12	−0.3	26.2
2543	5016	.00	−0.2	21.1	2608	5136	+.09	−0.9	24 2	2673	5258	+.01	+0.6	23.2	2738	3416	−.02	+0.8	5.1
2544	5694	−.04	−0.5	23 0	2609	5143	+.03	+0.3	22.2	2674	3367	−.01	+1.0	3.0	2739	3417	+.02	+0.1	5.6
2545	5022	−.34	−1.2	23.0	2610	5144	+.01	+0.2	22.2	2675	5262	+.01	−0.3	23.1	2740	3418	+.06	0.0	3.1
2546	5023	−.03	0.0	23.1	2611	5146	−.19	−0.9	22 5	2676	3368	+.02	+1.1	3.0	2741	5381	−.14	−0.9	27.2
2547	5027	−.06	−1.5	24.2	2612	3324	−.01	+0.4	3.1	2677	5267	−.06	+0.6	24.1	2742	5383	−.16	−1.0	23.8
2548	5031	−.01	−0.1	22.1	2613	5150	+.03	+0.9	24.1	2678	5271	+.10	0.0	22.1	2743	5391	−.09	+0.1	23.7
2549	5030	−.05	−0.8	21.2	2614	5149	−.07	+0.4	22.1	2679	5275	−.14	−1.2	24.8	2744	5397	−.03	+0.3	23.1
2550	5032	−.09	−0.4	23.8	2615	5155	+0.2	+0.5	23.1	2680	5274	.00	−0.8	24.1	2745	3420	−.02	+0.4	3.0
2551	5034	−.22	+0.4	21.5	2616	5157	−.01	+1.5	24.0	2681	5277	−.12	+0.5	24.2	2746	3421	+.02	−0.3	2.9
2552	5701	−.23	−1.5	24.1	2617	5160	−.04	−0.6	26.0	2682	3373	−.03	+1.0	5.0	2747	3422	+.04	+0.1	3.0
2553	5038	−.03	0.0	22.1	2618	5161	+.06	−0.5	26.0	2683	5281	+.01	+0.1	25.0	2748	3423	+.09	+0.1	3.0
2554	5039	+.01	0.0	22.8	2620	5163	−.15	−0.8	24.2	2684	3374	−.10	+0.2	5.1	2749	3424	−.03	+0.6	3.0
2555	5042	−.08	−0.7	21.1	2621	3329	−.02	+0.3	5 2	2685	5283	−.16	+0.7	25.0	2750	3425	+.07	+0.4	4.2
2557	5043	−.02	0.0	23.6	2622	5169	.00	+0.5	23 2	2686	5284	−.10	+1.1	27.2	2751	3426	−.10	+0.1	5.1
2558	5046	.00	+1.1	24.7	2623	5170	+.09	−0.6	23.2	2687	5285	−.13	0.0	22.1	2752	3427	−.09	−0.7	5.1
2559	5050	−.14	−0.6	24.2	2624	5171	−.03	+1.3	23.1	2688	5286	−.04	+0.5	21.6	2754	3428	−.06	+0.2	5.1
2560	5051	+.07	+0 1	24.3	2625	5173	−.03	+0.4	24 1	2689	5294	+.09	+1.1	23.2	2755	5422	−.02	+0.4	25.0
2561	5054	−.04	−1.0	21.2	2626	5175	+.04	+1.0	23.0	2690	3379	−.05	+1.1	3.1	2757	3432	−.12	+0.1	6.0
2562	5058	−.02	+0.3	23.2	2627	5176	+.02	+0.1	22 1	2691	3380	−.10	+0.5	3.1	2758	3433	−.03	+0.4	5.9
2563	5722	−.12	+0.2	22.1	2628	5177	+.01	−0.4	25.7	2692	5299	+.05	−0.3	24.6	2761	3437	+.08	0.0	3.2

L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE
2762	3440	+ˢ.06	+1″.1	3.0	2888	3531	+ˢ.06	+0″.7	3.1	3248	9414	−ˢ.31	+0″.5	40.5	3310	9527	−ˢ.24	−0″.5	40.5
2763	3442	+.05	+1.0	3.0	2889	3533	+.07	0.0	3.2	3249	11045	−.33	−0.7	40.5	3311	11170	−.06	−1.5	44.3
2764	3441	−.01	−0.9	3.0	2893	3535	−.05	−0.3	3.0	3250	9415	−.17	−0.8	38.7	3312	9530	−.20	−0.1	41.5
2766	3443	.00	+0.1	4.0	2904	3541	+.01	−0.2	3.0	3251	9418	−.20	+1.4	40.7	3313	9529	−.26	+0.5	40.0
2767	3445	+.04	+0.6	2.9	2911	3546	+.09	−0.5	4.2	3252	11054	−.24	+1.5	40.4	3314	9532	−.34	+0.6	40.5
2768	3444	−.01	+0.1	5.1	2919	3553	+.03	−0.3	5.6	3253	9421	−.06	−2.4	42.4	3315	11174	−.37	−0.5	42.4
2770	3446	+.03	+0.6	5.1	2922	3556	−.02	0.0	3.1	3254	9424	−.23	+1.2	43.1	3316	11176	−.42	−2.1	42.4
2772	3447	+.03	−0.4	5.2	2930	3560	+.02	−0.4	5.1	3255	9427	−.37	−1.0	40.6	3317	11178	−.02	−2.0	44 4
2773	3448	−.10	−0.1	5.1	2937	3567	+.01	+0.2	6.1	3256	9429	−.17	+0.8	42.5	3318	11179	−.02	−1.7	43.1
2774	3449	−.04	+0.6	5.8	3128	9236	−.16	+0.7	41.5	3257	9428	−.27	+1.2	40.8	3319	11180	−.09	−1.6	44.5
2776	3450	−.02	+0.8	6.1	3148	9268	−.31	−2.2	41.5	3258	9430	−.23	−0.8	41.6	3320	9549	−.23	+0.7	40.5
2779	3453	+.01	+0.1	3.0	3149	9269	−.31	−0.6	41.8	3259	9431	−.24	+1.3	42.4	3321	9551	−.43	+0.6	42.0
2780	3454	−.08	+0.3	3.0	3154	9272	−.30	−8.7	38.6	3260	11071	−.05	+0.2	43.4	3322	11182	−.18	+1.2	44.8
2781	3455	−.01	+0.4	2.9	3162	9287	−.57	−13.8	40.6	3261	9433	−.28	+0.7	43.6	3323	11183	−.34	+1.1	43.1
2782	3456	+.03	+0.4	3.0	3165	9292	−.34	−1.4	40.5	3262	9434	−.22	+1.8	41.6	3324	9556	−.16	−1.2	42.3
2783	3457	−.01	0.0	2.9	3169	9298	−.14	−0.5	41.0	3263	9436	−.38	+0.4	40.6	3325	9560	−.21	+1.1	43.5
2785	3459	+.03	+0.8	4.1	3170	9300	−.32	−1.1	41.5	3264	11080	−.17	−1.9	40.7	3326	9561	−.16	−0.9	43.0
2787	3460	−.12	−0.6	5.1	3171	9301	−.31	−0.3	42.0	3265	9438	−.39	−0.7	38.7	3327	9563	−.10	+0.7	43.5
2789	3461	+.04	−0.4	5.2	3174	9306	−.27	+1.1	39.1	3266	9442	−.34	−0.7	39.7	3328	9565	−.13	−1.1	43.5
2790	3462	−.01	+0.2	5.1	3179	9319	−.20	−1.0	39.0	3267	9443	−.30	+0.9	40.5	3329	9570	−.07	0.0	40.1
2791	3463	−.02	−0.1	5.6	3181	9321	−.19	+1.1	39.6	3268	9444	−.25	−0.3	39.7	3330	9574	−.16	+0.3	40.4
2794	3464	+.04	−0.7	3.1	3184	9322	+3.56	+7.7	38.7	3269	11093	−.15	−1.4	40.7	3331	11190	−.21	−0.5	42.5
2795	3465	.00	−0.2	3.0	3187	9328	−.22	0.0	40.7	3270	11096	−.17	+1.0	40.6	3332	11191	−.13	+0.7	42.6
2796	3467	+.03	+0.3	3.1	3196	9339	−.32	−0.7	38.7	3271	9447	−.41	−1.0	40.4	3333	9577	−.25	+0.1	40.5
2797	3466	+.01	−0.1	3.0	3198	9347	−.15	−4.0	38.7	3272	9449	−.15	−1.4	38.6	3334	9582	−.24	+0.3	41.5
2798	3468	−.02	+0.2	2.9	3199	9346	−.31	−0.9	38.5	3273	9452	−.52	−3.2	38.4	3335	11193	−.17	−0.2	42.5
2799	3469	+.01	−0.1	3.0	3201	9349	−.28	−1.5	39.5	3274	9453	−.23	−1.3	40.5	3336	11195	−.04	−0.3	44.4
2800	3470	+.03	−0.3	3.0	3202	9350	−.38	+1.5	40.0	3275	11101	−.17	−0.6	44.5	3337	9587	−.31	+1.1	40.5
2801	3471	−.02	+0.3	3.1	3203	9352	−.35	−1.2	38.5	3276	9456	−.27	+0.4	42.7	3338	11197	−.02	+0.8	42.5
2804	3472	−.11	−0.5	5.1	3204	9355	−.16	−1.6	38.4	3277	11107	−.14	+2.9	42.4	3339	11198	−.25	−0.3	44.4
2806	3473	+.06	−0.4	5.2	3205	9356	−.24	−3.0	38.4	3278	11112	−.19	+0.3	42.6	3340	11200	−.16	−2.1	46.5
2807	3474	.00	+1.0	5.1	3206	11024	−.17	−0.9	43.5	3279	9464	−.21	+0.1	42.0	3341	9593	−.23	+0.3	40.4
2815	3478	.00	+0.3	3.0	3207	9357	+.08	+4.6	41.0	3280	11121	−.22	+0.7	44.3	3342	9603	−.21	−1.4	42.5
2817	3480	−.04	+0.3	3.0	3212	9361	−.53	+3.4	42.4	3281	9467	−.23	−0.4	41.5	3343	11208	−.10	−0.7	44.3
2818	3483	−.04	+0.4	3.1	3213	9363	−.46	−1.2	43.0	3282	11123	−.12	+1.6	44.7	3344	11210	−.22	−0.7	42.6
2821	3485	+.03	+0.1	4.2	3216	9365	−.14	+0.4	43.5	3284	11126	−.07	−0.8	43.6	3345	11212	−.32	+0.2	44.6
2823	3486	−.09	+0.3	5.1	3217	9367	−.36	−0.6	41.7	3285	11127	−.30	−1.4	40.7	3346	11213	−.09	+1.0	44.3
2824	3485	+.02	+0.8	5.1	3220	9370	−.34	−6.6	38.7	3286	9476	−.13	+1.3	40.6	3347	9614	−.11	+0.5	43.5
2828	3491	+.01	+0.3	5.6	3221	9371	−.19	−0.3	40.5	3287	9475	−.29	+0.6	28.5	3348	11214	−.02	−0.7	45.8
2829	3492	−.02	+0.1	6.0	3222	9375	−.23	−0.9	38.6	3288	11129	−.11	+0.4	42.6	3349	11215	−.07	−2.9	45.7
2835	3495	+.01	−0.1	3.1	3223	9376	−.37	+1.1	40.0	3289	11128	−.23	+0.9	42.8	3350	11217	−.14	+0.7	42.7
2836	3497	+.03	+0.1	3.1	3225	9377	−.12	−2.1	38.5	3291	11135	−.19	+1.0	42.5	3351	11216	−.25	+0.5	44.0
2840	3499	+.03	0.0	4.1	3226	9378	−.18	+0.1	38.4	3292	11138	−.30	+2.0	40.6	3352	11222	−.12	−0.8	44.3
2841	3500	−.06	−0.9	5.1	3227	9379	−.21	−1.7	38.4	3293	9486	−.29	−0.5	40.4	3353	11220	−.26	−1.0	40.8
2842	3501	+.04	−0.3	5.0	3228	9381	−.23	−0.3	38.5	3294	9487	−.21	0.0	40.5	3354	11224	−.18	−0.4	42.4
2843	3502	+.07	0.0	5.1	3230	9383	−.48	−1.7	38.4	3295	9490	−.12	−0.2	40.4	3355	11225	−.23	+0.9	41.7
2844	3503	+.05	+0.4	5.0	3231	9385	−.34	−1.7	43.0	3296	9495	−.15	+0.3	40.4	3356	11228	−.09	−2.6	45.5
2845	3504	−.01	−0.2	5.0	3232	9384	−.24	−0.2	40.7	3297	11148	−.13	−2.3	44.3	3357	11230	−.11	−0.1	42.7
2847	3505	.00	−0.2	6.0	3233	9387	−.28	−2.2	40.5	3298	9498	−.21	−2.5	42.6	3358	11239	−.21	−0.7	42.6
2848	3506	+.07	−0.4	3.1	3235	9392	−.18	+0.3	42.9	3299	11149	−.38	−0.5	44.6	3359	11236	−.05	−1.0	43.4
2862	3511	+.02	+0.4	5.1	3236	9391	−.24	+0.3	40.6	3300	9499	−.24	−2.3	40.4	3360	11238	−.12	+0.5	40.7
2868	3514	−.01	+0.3	3.0	3237	9393	−.20	−1.7	41.6	3301	11151	−.42	+0.5	44.5	3361	11242	−.04	−0.4	44.5
2870	3518	−.01	+0.1	3.1	3238	9396	−.21	−5.9	43.6	3302	9504	−.24	+0.5	42.6	3362	11246	−.09	−0.4	42.5
2871	3517	+.03	+0.5	3.0	3239	9397	−.09	+0.4	42.7	3303	9506	−.25	−0.7	43.5	3363	11248	−.12	+1.6	46.3
2874	3520	−.03	+0.3	3.0	3241	9399	−.27	+1.4	40.1	3304	9514	−.24	−2.2	43.5	3364	12147	−.12	−2.2	45.5
2880	3524	+.02	+0.4	5.0	3242	9402	−.51	−3.0	39.8	3305	9517	−.29	−0.5	41.5	3365	11251	−.18	+0.8	43.0
2881	3525	−.03	+0.9	5.1	3244	9405	−.20	−1.8	39.0	3306	11162	−.22	+0.4	43.6	3366	11257	−.26	−16.	43.0
2882	3526	−.01	0.0	5.6	3245	9409	−.23	−1.4	38.5	3307	11164	−.19	+0.7	44.1	3367	11256	−.24	−0.3	42.5
2886	3528	+.03	+0.7	3.0	3246	9412	−.30	−1.2	39.5	3308	11163	−.20	+0.1	41.1	3368	11261	−.08	−2.2	44.0
2887	3529	+.05	+0.4	3.0	3247	9413	−.47	+1.0	40.4	3309	11165	−.23	0.0	41.0	3369	12251	+.06	−2.2	48.3

L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE
3370	11262	+ˢ.03	−1″.2	47.5	3431	12244	−ˢ.10	−1″.8	48.5	3493	7399	−ˢ.05	−0″.4	44.0	3556	7472	+ˢ.01	+0″.7	45.6
3371	11260	−.08	−0.1	42.7	3432	11399	−.13	−0.1	46.9	3494	12346	.00	+0.3	46.5	3557	12489	−.15	+0.4	46.5
3372	11263	−.25	−2.4	43.5	3433	12246	−.01	+0.2	48.6	3495	7402	−.03	−1.2	44.1	3558	7478	+.04	0.0	42.5
3373	11268	−.14	−0.9	43.6	3434	12245	−.05	−2.2	46.6	3496	7401	−.07	+0.5	43.4	3559	7479	−.08	+0.5	47.0
3374	11270	−.17	−1.7	42.6	3435	12250	+.05	0.3	49.5	3497	12347	−.10	+0.9	46.6	3560	12494	−.13	+1.1	46.4
3375	11272	−.16	−0.7	44.5	3436	11403	+.12	−0.5	47.5	3498	7404	−.35	−1.5	50.1	3561	6536	−.30	+2.6	43.6
3376	12155	−.05	+0.7	44.5	3438	11408	−.08	+0.2	45.5	3500	12360	−.08	+0.8	48.5	3562	6540	−.05	+1.2	46.1
3377	12161	−.11	−0.5	44.3	3439	12252	−.03	−0.2	49.5	3501	12361	+.06	+0.8	48.5	3563	12501	−.09	+0.4	46.4
3378	11279	−.16	−1.5	44.5	3440	12257	−.06	−6.5	44.6	3502	12362	−.02	0.0	48.6	3564	7483	−.09	−0.5	46.6
3379	11280	−.20	0.0	44.0	3441	11418	−.20	−0.8	44.6	3503	12363	+.04	−0.4	49.5	3565	7485	−.03	+0.6	46.6
3380	11278	−.14	+0.3	43.7	3442	12260	−.05	−0.1	46.6	3504	12366	+.10	−0.7	49.5	3566	6542	−.14	+0.3	44.6
3381	11281	−.26	+0.4	41.0	3443	12261	−.01	+1.1	46.5	3505	7410	−.04	+1.9	51.1	3567	6543	−.09	−0.1	44.6
3382	11284	−.06	−0.2	41.9	3444	12263	−.10	+0.3	46.5	3506	12370	+.02	+0.7	49.6	3568	7486	−.04	+0.4	47.6
3383	12163	−.06	−0.2	45.0	3445	12265	−.20	+0.1	44.2	3507	7412	−.04	+1.4	43.9	3569	7488	+.01	−1.5	46.1
3384	12164	−.07	+0.4	42.8	3446	12268	−.23	−0.9	44.5	3508	12374	−.06	+0.5	42.9	3571	7494	−.08	−1.1	50.6
3385	11286	−.25	−2.4	43.0	3447	12277	−.20	+1.6	42.5	3509	12376	−.08	−0.3	44.7	3572	7495	−.06	+1.2	50.7
3386	12169	−.11	−0.8	47.5	3448	12278	−.12	+0.3	42.4	3510	7415	−.08	−0.3	42.1	3574	7499	−.11	−0.3	44.7
3387	12176	−.12	0.0	46.0	3449	12279	−.03	−1.7	45.0	3511	7414	−.08	−0.2	45.5	3575	7500	+.02	+0.2	42.1
3388	11294	.00	−1.6	44.5	3450	12281	−.10	−0.1	42.5	3512	12383	+.04	−0.4	47.5	3576	7501	−.09	−0.4	42.1
3390	11295	−.20	+0.5	42.6	3451	12280	−.15	−2.1	42.5	3513	12387	+.01	+0.5	46.6	3577	7502	−.01	+0.1	48.0
3391	11304	−.09	−1.6	45.5	3452	7350	−.07	−1.8	46.1	3514	12394	−.08	+0.4	46.4	3579	6557	−.02	+0.1	41.7
3392	11306	−.22	+0.5	43.5	3453	12283	−.02	+0.8	48.6	3516	12396	−.11	+1.6	45.5	3580	6556	−.04	−0.7	42.8
3393	12187	−.04	+2.3	47.0	3454	11468	−.12	+0.1	45.0	3517	12400	−.05	+0.8	46.5	3581	6558	+.01	−0.4	41.1
3394	11312	−.17	+0.4	45.5	3455	12284	−.02	−0.7	48.6	3518	12404	−.15	−0.7	43.4	3582	7505	−.09	−0.2	45.1
3395	11316	−.08	+0.8	42.8	3456	12285	+.04	−1.0	47.5	3519	12410	−.16	+0.3	48.5	3583	6563	−.12	+0.8	43.6
3396	12192	−.09	+1.5	44.3	3457	12287	−.03	+1.0	47.6	3520	12407	−.01	−0.4	48.5	3584	6564	−.17	−1.8	43.5
3397	11324	+.01	−1.2	42.5	3458	12286	−.03	−1.4	48.5	3521	12411	−.02	+0.6	48.5	3585	6565	.00	−1.3	42.9
3398	11327	−.14	+0.9	44.3	3459	12289	+.05	−1.0	48.5	3522	12412	−.02	−2.5	47.5	3586	6566	−.05	+0.2	45.6
3399	12196	−.07	−0.8	46.5	3460	12290	−.08	+0.3	46.7	3523	7432	−.08	−0.3	49.0	3587	6568	+.04	+0.7	45.5
3400	11328	−.02	−1.4	42.5	3461	12292	−.04	+0.2	48.8	3524	12415	+.09	+0.4	49.0	3588	6569	+.02	−0.2	45.5
3401	11329	−.01	−0.1	43.5	3462	12301	−.10	+0.4	46.6	3526	7433	+.01	−1.0	51.1	3589	7514	−.06	+0.3	49.7
3402	12197	−.08	−0.3	46.5	3463	7350	−.13	−0.6	43.6	3527	7436	+.02	−0.1	42.2	3590	7516	−.07	−0.5	46.2
3403	12198	−.02	−0.7	45.3	3464	12304	−.06	−1.0	45.0	3528	12423	−.04	−1.6	48.5	3591	7519	−.19	−1.0	50.0
3404	11338	−.20	+0.4	42.4	3465	12305	−.03	+0.3	46.5	3529	12420	−.09	−0.4	50.0	3592	6575	−.01	−2.5	46.6
3405	11339	−.20	+1.2	42.4	3467	12306	−.11	−0.6	44.5	3530	12435	−.03	−1.0	42.6	3593	7521	−.03	−1.8	50.6
3406	11342	−.13	−0.9	42.5	3468	12310	−.09	−1.0	46.0	3531	12441	−.07	−0.3	46.6	3594	6578	−.02	+0.3	46.0
3407	12202	−.23	−3.1	48.5	3469	12314	−.01	+0.2	46.5	3532	12443	−.14	+0.7	45.4	3595	7522	−.10	+0.8	42.2
3408	12203	−.03	−0.4	46.5	3470	12315	−1.02	−4.8	46.6	3533	7443	−.07	−0.4	44.3	3596	6579	−.02	−0.5	41.1
3409	12208	−.08	0.0	46.3	3471	12313	−.13	+0.5	48.0	3534	7444	−.01	+0.2	46.3	3597	7523	−.09	−0.3	45.0
3410	12209	−.22	+0.5	45.5	3472	7380	−.04	−2.0	42.9	3535	12445	−.05	−1.0	47.6	3598	6585	−.09	−1.4	43.7
3411	12211	−.13	+1.2	48.6	3473	12317	−.06	+1.2	46.5	3536	7448	−.28	−5.9	44.6	3599	7527	−.03	−0.4	41.8
3412	11350	−.11	−1.7	46.3	3474	12318	−.04	−0.3	43.6	3537	12452	−.02	+0.2	46.4	3600	6190	+.04	+1.3	48.7
3413	12213	+.08	+0.2	49.5	3475	12319	−.13	−0.7	46.5	3538	7449	+.02	−0.1	46.1	3601	7532	+.02	+0.8	48.6
3414	11352	−.11	−1.3	45.3	3476	7381	−.10	−1.5	44.1	3539	7450	−.06	−0.5	42.1	3602	6589	−.04	−0.1	43.7
3415	11357	−.21	−3.2	45.6	3477	12322	.00	+0.4	48.5	3540	12455	−.16	+0.4	46.4	3603	6129	−.25	−1.6	48.6
3416	11361	−.24	−6.2	48.0	3478	7384	−.05	+0.1	45.5	3541	7454	−.02	−2.9	50.0	3604	6592	−.10	−1.1	42.5
3417	11362	−.23	−1.9	44.6	3479	12325	−.04	−4.8	48.5	3542	7453	−.06	+1.1	49.8	3605	6593	−.03	+0.3	41.7
3418	12219	+.07	−3.4	46.6	3480	12326	−.02	−0.3	46.0	3543	7455	−.08	−0.6	44.5	3606	6595	−.04	−0.2	43.3
3419	12223	−.13	+0.6	46.5	3481	12330	−.15	−0.3	46.6	3544	12460	−.09	−0.1	42.5	3607	6597	−.08	−1.3	43.5
3420	12225	−.14	−0.3	44.5	3482	12331	+.05	+1.3	49.6	3545	12462	−.15	+1.8	48.5	3608	7539	.00	−1.7	44.1
3421	12226	−.05	+1.1	46.5	3483	7386	+.01	−0.7	45.1	3546	7459	−.06	−1.3	50.1	3609	6600	−.04	−0.2	45.6
3422	11367	−.33	−2.0	41.5	3484	12333	+.09	−1.2	49.6	3547	7460	.00	+0.4	45.1	3611	7551	.00	+1.6	49.1
3423	12229	−.20	−1.4	45.2	3485	7391	−.04	+0.2	45.6	3548	12465	+.02	+0.1	49.5	3612	6602	+.02	−2.0	46.7
3424	11380	−.18	−0.2	44.0	3486	7392	−.06	+0.5	44.6	3549	7463	−.07	0.0	47.8	3614	7553	−.01	0.0	45.1
3425	11381	−.34	−2.3	41.0	3487	12338	−.08	+0.1	45.6	3550	7462	+.05	−0.1	46.0	3616	6198	+.04	−1.1	49.6
3426	12233	−.09	+1.4	46.5	3488	7394	−.14	−1.0	43.1	3551	12470	−.01	+0.9	46.6	3617	7559	−.05	−1.1	44.4
3427	11394	−.10	−1.2	44.5	3489	12339	−.12	−0.4	46.5	3552	7467	−.04	+0.1	42.7	3618	7564	+.02	−0.2	43.1
3428	12235	−.09	+2.5	45.3	3490	12341	−.16	+0.8	46.5	3553	12473	−.05	+0.7	46.6	3620	7567	−.08	+0.2	42.0
3429	12239	−.04	−0.2	46.4	3491	12344	−.04	+0.9	46.5	3554	7468	−.10	−0.4	42.1	3622	7571	−.13	0.0	44.1
3430	12240	−.18	−1.1	45.8	3492	12345	−.08	+0.2	45.5	3555	7471	−.08	−0.3	47.7	3623	7572	−.06	+0.3	44.1

L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE	L. P.	Zonas	Δα	Δδ	ΔE
3624	6611	+ˢ.01	−0″.4	44.5	3646	6216	ˢ.00	+1″.4	46.0	3668	6240	+ˢ.07	+0″.6	46.0	3690	6701	−ˢ.13	−3″.0	41.8
3625	7575	−.12	−0.5	42.0	3647	7598	+.01	+0.4	42.5	3669	6666	−.05	+0.2	43.7	3691	6703	+.01	−0.7	41.1
3626	6616	−.05	−0.3	43.2	3648	6217	+.06	+0.5	46.5	3670	6243	+.21	+2.0	46.3	3692	6704	−.09	−0.1	41.1
3627	6202	−.07	−0.4	49.1	3649	6218	−.01	+0.8	48.2	3671	6671	−.06	−1.2	43.6	3693	6705	+.02	−0.2	43.6
3628	6203	−.16	+0.4	49.0	3650	6220	+.03	−0.6	48.4	3672	6244	+.04	−0.9	48.7	3694	6262	−.09	−2.0	46.3
3629	6617	+.08	−0.7	43.4	3651	6222	−.17	0.0	46.0	3673	6245	−.04	−1.8	45.6	3695	6709	−.04	−0.7	42.6
3630	6204	−.03	−1.0	51.4	3652	6223	−.05	+0.3	48.6	3674	6246	−.03	+0.1	48.5	3696	6263	−.17	−2.3	49.0
3631	7579	+.01	0.0	46.5	3653	6653	−.11	+0.3	45.6	3675	6247	.00	−2.5	50.7	3697	6711	−.05	+1.7	46.8
3632	7580	−.01	−0.9	44.1	3654	6224	−.07	−1.0	47.4	3676	6248	−.24	−4.2	49.1	3698	6712	−.03	+0.5	45.7
3633	6621	+.01	0.0	45.3	3655	6226	−.06	+0.3	48.7	3677	6249	+.05	−0.8	48.4	3699	6265	+.04	−0.4	50.8
3634	6622	+.04	−0.1	43.7	3656	6227	−.02	+2.3	46.0	3678	6251	−.11	+1.0	46.0	3700	6266	−.07	+0.4	51.7
3635	7585	−.06	−0.3	49.1	3657	6228	−.01	+1.5	51.0	3679	6252	+.10	+5.3	50.3	3701	6267	+.07	+0.3	51.1
3636	6626	−.03	1.0	46.5	3658	6229	+.08	−1.0	52.1	3680	6254	−.12	−0.7	44.7	3702	6270	+.09	+2.6	50.4
3637	6206	+.05	+2.1	51.7	3659	6230	+.17	+0.3	51.1	3681	6253	+.02	+0.8	48.4	3703	6271	+.01	+0.2	50.6
3638	6628	−.04	+1.2	46.6	3660	6231	−.06	+0.8	51.1	3682	6256	+.05	−1.9	49.5	3704	6272	+.04	−1.3	51.4
3639	7587	+.01	+0.4	47.6	3661	6659	−.06	−0.3	46.6	3683	6255	−.03	−1.0	49.4	3705	6274	+.10	+0.1	49.8
3640	7590	−.09	−0.6	431	3662	6236	−.24	−0.1	46.8	3684	6684	+.05	−2.5	44.8	3706	6275	−.09	0.0	49.4
3641	6212	−.06	+0.7	48.5	3663	6660	+.03	−0.2	43.7	3685	6685	−.09	−0.1	41.8	3709	6276	+.16	−6.1	48.9
3642	6635	−.09	+0.4	42.6	3664	6661	−.01	+0.3	41.8	3686	6694	.00	+0.9	45.2	3708	6280	−.11	+1.2	46.2
3643	6213	+.17	−8.8	46.0	3665	6663	−.06	0.0	43.6	3687	6259	−.09	−0.1	47.1	3709	6283	+.03	−0.9	48.1
3644	6214	−.04	−2.4	46.4	3666	6238	−.13	+0.2	46.7	3688	6260	.00	+1.7	47.1	3710	6281	+.03	+1.1	46.0
3645	6640	+.02	−1.0	42.5	3667	6239	−.08	+0.4	48.6	3689	6697	−.03	+0.1	43.7					

APENDICE III

La Plata-Yale

(Volúmenes 13, I y II parte y 14) entre 7^h23^m y 8^h1^m

L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE
142	ˢ.00	+1″.3	8.4	212	−ˢ.01	+0″.5	7.7	254	−ˢ.07	−0″.6	7.6	278	−ˢ.02	0″.0	8.0	301	+ˢ.01	+0″.3	8.3
152	−.06	+0.5	7.8	213	−.01	+0.4	8.1	255	−.03	+0.6	7.7	279	+.02	+1.0	8.1	302	−.04	+0.6	8.0
153	−.09	−0.9	7.9	215	−.04	−0.3	8.4	256	.00	+0.4	7.6	280	.00	+0.8	8.0	303	−.08	+0.6	8.0
170	−.01	+0.7	6.6	217	−.01	+0.1	6.6	257	−.05	+0.4	7.7	281	−.08	+0.2	8.1	304	+.01	+0.5	8.1
172	+.06	−0.4	7.0	218	−.04	−0.3	6.6	259	−.05	+0.8	7.7	282	+.02	+0.2	8.1	305	−.01	−0.3	8.1
175	−.07	−0.4	7.4	219	−.02	+0.2	6.7	260	−.02	−0.1	7.7	283	−.01	+0.4	8.1	306	−.04	+0.8	8.1
177	−.06	+0.3	7.4	223	−.06	+0.2	7.7	261	+.05	−0.2	7.7	284	+.06	+0.3	8.1	307	−.01	−0.2	8.1
180	.00	+0.9	7.6	224	−.01	+0.1	7.5	262	.00	+1.1	8.4	285	+.05	+0.2	8.1	308	.00	+0.5	8.1
181	.00	−0.2	7.6	228	−.03	−0.2	7.6	263	−.09	−0.4	8.4	286	+.01	−0.4	8.2	309	−.03	+0.6	8.1
182	−.05	+1.0	7.6	230	−.04	+0.7	8.0	264	+.01	+0.7	7.8	287	+.08	−0.3	8.8	310	+.01	+0.2	8.2
183	−.03	−0.3	7.7	232	−.03	+0.2	7.7	266	−.05	−0.5	7.2	288	+.05	+0.5	8.8	311	+.06	−1.0	8.8
187	−.04	+0.5	7.7	233	−.02	+0.2	7.7	267	−.03	+0.5	6.7	289	−.04	+0.5	7.0	312	.00	+0.5	7.0
189	−.01	+0.7	7.8	236	−.01	+1.0	2.7	268	+.02	+0.7	6.7	290	−.04	+1.0	7.1	314	−.04	+0.3	7.0
191	+.01	+1.0	8.4	237	+.07	+0.5	7.8	269	−.01	−1.1	7.4	291	+.01	+0.7	7.0	315	−.09	0.0	7.1
193	−.07	+0.2	6.6	238	−.05	−0.9	8.4	270	−.02	−0.4	6.7	292	+.02	−0.1	7.1	316	.00	0.0	7.9
194	−.01	−0.7	6.6	241	−.03	−1.4	6.6	271	−.02	+2.1	7.5	293	−.07	−1.0	7.8	317	−.03	−0.4	7.8
198	−.05	−0.3	7.5	242	+.10	+0.6	6.7	272	+.01	+0.2	7.5	294	−.03	+0.2	8.5	318	+.07	+0.5	7.1
199	−.02	−0.3	7.7	245	.00	+0.3	7.4	273	.00	+0.5	7.4	295	+.01	+0.2	7.1	319	−.09	−0.6	7.8
203	−.06	+0.6	8.0	249	+.01	+1.7	7.5	274	+.03	−0.1	7.9	296	+.01	+0.9	7.9	320	−.01	−0.2	8.2
204	−.05	−0.3	7.6	251	−.04	+1.7	7.6	275	−.06	+1.7	8.0	297	+.02	−0.2	7.8	321	−.01	+0.4	7.8
205	.00	+0.5	7.6	252	−.01	+0.3	8.0	276	+.01	+0.5	8.4	298	−.01	−2.0	7.9	322	.00	+1.2	7.9
208	+.03	+1.1	7.7	253	.00	0.0	7.6	277	−.05	+0.6	8.0	299	−.07	+0.7	8.0	323	−.01	+0.7	8.0

L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE
324	ˢ.00	+0″.8	8.4	352	−ˢ.01	+0″.3	8.1	379	−ˢ.04	+0″.6	8.1	407	−ˢ.05	+2″.1	8.8	451	ˢ.00	+0″.5	8.5
325	−.04	+0.5	8.0	353	−.07	+0.3	8.1	380	.00	+0.9	8.5	409	−.03	+0.3	7.0	453	−.01	+0.1	8.1
326	−.03	0.0	8.0	354	+.04	+0.3	8.0	381	−.05	−0.1	8.1	410	−.04	+1.3	7.1	454	+.06	+0.5	8.1
327	−.05	+0.8	8.0	355	−.03	+0.5	8.1	382	+.03	+0.9	8.2	411	−.08	+0.3	7.1	456	+.04	−0.3	8.8
328	−.05	−0.2	8.1	356	−.04	+0.5	8.1	383	−.08	−.02	8.8	412	−.07	+0.5	7.0	457	+.02	+1.3	8.8
329	−.12	+0.5	8.1	357	.00	+0.7	8.2	384	−.06	+0.4	8.8	414	−.08	−0.6	7.8	458	−.08	+1.1	7.0
330	+.06	−0.7	8.1	358	+.03	+0.3	8.1	385	+.06	+0.4	7.0	416	+.04	+1.2	8.3	460	−.05	−0.8	7.1
331	+.01	+0.6	8.1	359	−.05	+1.5	8.8	387	−.01	+0.5	7.1	418	−.10	−2.1	7.9	461	−.06	+1.0	7.1
332	−.01	+0.1	8.1	360	−.06	+0.1	8.8	388	−.16	+1.7	8.1	421	−.04	+0.4	8.0	465	−.13	−0.5	7.9
333	−.07	+0.8	8.1	361	−.01	+0.2	7.0	389	+.02	+0.2	7.1	422	−.10	+0.2	8.0	470	−.06	−0.2	8.0
334	+.06	+0.7	8.2	362	−.04	+0.4	7.1	390	+.07	−1.2	8.2	425	−.09	+1.4	8.1	471	+.01	−0.1	8.0
335	−.08	+0.2	8.8	363	+.03	+0.4	7.9	391	−.03	+0.7	7.1	426	−.06	+0.2	8.1	472	−.06	+0.3	8.1
336	+.07	+0.8	8.8	364	−.01	+0.4	7.1	392	−.02	+1.1	8.3	427	−.12	+0.4	8.6	476	−.04	+0.2	8.1
337	−.01	−0.5	7.0	365	−.01	−0.3	7.1	393	−.06	+0.8	7.8	428	−.05	−0.4	8.8	477	+.04	0.0	8.1
338	−.08	+0.9	7.1	366	+.04	−0.5	7.8	394	−.02	+0.7	7.9	429	+.04	−0.6	8.1	478	+.06	+0.2	8.2
339	−.07	+0.5	7.0	367	−.04	+1.1	7.8	395	+.02	+0.7	8.0	430	+.04	+0.4	8.2	480	+.03	+0.2	8.8
340	−.01	−0.3	7.1	368	−.03	+1.6	8.3	396	.00	+0.2	8.0	431	−.07	+0.4	8.1	490	−.02	+1.0	8.3
341	+.02	+0.3	7.1	369	+.04	−2.1	7.8	397	−.06	−0.3	8.0	433	+.03	+1.3	8.8	491	−.06	+1.1	8.5
342	−.13	+1.3	7.8	370	−.02	+1.5	8.0	398	−.06	+0.2	8.0	435	.00	+0.6	7.7	494	−.03	+0.5	8.0
343	−.03	+1.4	7.9	371	−.03	+0.7	7.9	399	−.02	+0.2	8.0	436	−.08	−0.3	7.0	495	.00	−0.2	8.0
344	−.02	−2.4	7.8	372	−.09	+0.9	8.0	400	−.02	+0.1	8.5	437	−.05	+0.1	7.1	504	+.11	+1.4	8.1
345	−.01	−0.6	7.8	373	−.04	+0.5	8.0	401	−.05	+0.4	8.1	440	−.03	−0.2	7.1	505	−.02	−0.9	7.9
346	−.05	+0.1	8.3	374	−.04	+0.1	8.0	402	−.10	−0.1	8.1	442	−.07	+0.4	8.2	516	+.01	+1.1	8.4
347	−.03	0.0	8.0	375	−.03	+0.7	8.0	403	−.06	+0.3	8.1	447	−.02	+0.5	8.0				
348	−.09	+0.1	8.0	376	+.01	+0.7	8.1	404	−.09	+0.9	8.1	448	−.07	+0.4	8.0				
349	−.05	+0.1	8.0	377	−.02	+0.8	8.1	405	−.03	−0.1	8.1	449	−.06	+0.8	8.1				
351	−.01	+1.0	8.1	378	−.03	+0.1	8.1	406	+.04	+0.1	8.2	450	−.10	+0.9	8.1				

La Plata-Yale

(Volúmenes 13, I y II parte y 14) entre 17^h29^m y 18^h9^m

L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE
3275	+ˢ.03	+0″.2	7.0	3343	−ˢ.02	+0″.6	7.0	3373	−ˢ.03	−0″.1	5.1	3396	−ˢ.02	+0″.8	5.1	3418	ˢ.00	−0″.1	5.1
3280	−.06	+0.8	7.0	3345	−.01	+0.5	7.0	3374	−.04	+0.5	5.1	3398	−.07	+1.1	5.0	3419	+.01	+0.2	3.0
3288	−.03	+0.5	5.0	3348	+0.7	−0.4	8.0	3375	−.02	−0.1	5.0	3399	−.06	+0.6	5.0	3420	−.05	+0.1	5.0
3289	−.06	+0.3	5.0	3349	+.02	−1.1	8.0	3376	+.01	+0.3	5.0	3400	−.06	0.0	5.0	3421	−.03	+0.7	5.0
3291	−.07	+0.3	5.0	3350	−.06	+0.5	5.1	3377	−.04	+0.3	5.0	3401	−.02	−0.1	6.0	3422	.00	0.0	5.1
3306	−.03	+0.2	5.1	3352	−.02	+0.1	5.0	3378	.00	−0.3	5.0	3402	−.02	−0.3	5.0	3423	−.06	+0.6	6.0
3307	−.04	+0.5	8.0	3354	−.05	+0.6	5.0	3379	−.04	+0.3	5.0	3403	−.01	+0.5	5.0	3424	−.01	−0.2	6.5
3309	−.05	−0.1	5.0	3355	−.05	0.0	5.0	3380	+.01	+0.6	6.0	3404	−.03	+0.7	4.9	3426	−.01	+0.6	4.9
3311	−.04	+0.1	5.0	3356	−.03	−0.2	6.0	3381	−.03	+0.3	4.9	3405	−.06	+0.3	4.9	3427	.00	+0.3	5.0
3315	−.04	−0.1	4.9	3357	−.04	+0.4	5.0	3382	.00	+0.7	4.9	3406	+.05	+0.7	4.9	3428	−.02	+0.2	5.0
3316	−.08	+0.1	4.9	3358	−.03	0.0	4.9	3383	+.01	+0.3	5.0	3407	−.06	−0.3	7.0	3429	.00	+0.2	4.9
3317	−.03	−0.3	4.9	3359	+.01	+0.6	4.9	3384	−.03	+0.2	4.9	3408	−.02	+0.2	7.0	3430	−.03	0.0	7.0
3319	−.02	+0.1	7.5	3361	.00	−0.2	5.0	3385	+.03	−0.4	7.0	3409	−.03	+0.7	7.0	3431	−.01	−0.5	7.0
3322	−.04	+0.6	7.0	3362	−.01	+0.1	4.9	3386	−.04	0.0	7.0	3410	−.10	−0.2	7.0	3432	−.04	+0.7	7.6
3323	−.01	+0.1	7.0	3363	−.03	+1.1	7.0	3387	−.08	0.0	7.0	3411	−.06	−0.1	7.0	3433	−.02	+0.1	7.0
3331	−.08	+0.2	5.0	3364	−.03	+0.3	7.0	3388	+.01	+0.1	7.0	3412	−.01	+0.3	7.0	3434	+.03	−0.1	7.0
3332	−.02	+0.4	5.0	3365	−.01	+0.5	7.0	3391	−.02	−0.4	8.0	3413	.00	+0.8	8.0	3435	+.07	−0.1	8.0
3336	−.04	+0.3	5.0	3366	−.04	+0.5	7.0	3392	+.01	+0.1	8.0	3414	+.01	−0.4	8.0	3436	+.07	−0.2	8.0
3338	+.01	+0.8	4.9	3368	+.02	−0.3	8.0	3393	−.02	+2.6	8.0	3415	−.04	−0.4	8.0	3439	+.11	+0.9	8.0
3339	−.03	+0.3	5.0	3369	+.09	+0.4	8.0	3394	−.05	+0.7	8.0	3416	−.05	−0.3	8.0	3440	+.01	−0.3	5.1
3340	−.02	−0.4	7.0	3370	+.08	−0.5	8.0	3395	−.04	+0.4	5.1	3417	−.04	+0.3	5.1	3441	−.04	+0.9	5.1

L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE	L. P.	Δα	Δδ	ΔE
3442	−ˢ.03	+0″.3	5.0	3465	−ˢ.05	+0″.3	5.0	3492	−ˢ.04	+0″.2	5.0	3520	+ˢ.06	+0″.1	7.0	3554	−ˢ.04	+0″.1	5.0
3443	.00	+0.9	5.0	3467	−.01	+0.5	5.0	3493	−.02	+0.3	4.9	3521	−.02	+1.0	7.0	3555	−.07	+0.5	5.0
3444	−.05	+0.1	5.0	3468	.00	0.0	6.0	3494	+.02	+0.2	5.0	3522	−.04	0.0	7.0	3556	−.01	+0.1	6.0
3445	−.01	+0.5	5.0	3469	−.03	0.0	4.9	3495	+.01	−0.6	7.0	3524	+.02	+0.3	7.4	3557	−.06	−0.2	5.0
3446	−.02	+0.5	5.0	3470	−.08	+0.2	5.0	3497	+.01	−0.1	5.0	3528	.00	−0.6	8.0	3558	−.03	0.0	5.0
3447	−.03	+0.4	5.0	3471	−.04	0.0	5.0	3498	−.08	0.0	7.0	3529	+.04	+0.9	8.0	3560	−.04	−0.1	4.9
3448	+.04	+0.1	4.9	3472	−.04	−0.2	4.9	3500	−.07	+0 5	7.0	3530	−.01	+0.6	5.1	3563	−.05	−0.4	4.9
3449	+.01	+0.3	5.0	3473	−.02	+0.7	5.0	3501	+.06	+0.6	7.0	3531	+.04	+0.1	5.0	3564	−.05	−0.2	7.0
3450	+.05	+0.1	5.0	3474	.00	+0.7	5.0	3502	−.01	+0.3	7.0	3532	−.03	+1.0	5.0	3565	+.01	+0.3	7.0
3451	−.02	−0.4	4.9	3475	+.03	+0.5	7.0	3503	+.07	−0.1	8.0	3533	−.03	+0.4	5.0	3568	−.05	+0.3	7.5
3452	+.04	+0.1	7.0	3477	+.03	+0.3	7.0	3504	+.08	−0.3	8.0	3535	−.02	0.0	6.0	3569	+.01	+0.3	8.0
3453	−.03	0.0	7.0	3478	.00	+0.8	7.0	3506	+.02	+0.3	8.0	3536	−.04	−0.1	5.0	3571	−.02	−0.2	8.0
3454	.00	+0.7	7.0	3479	+.02	+0.2	7.0	3507	−.03	+0.5	5.1	3537	−.01	+0.2	4.9	3572	−.01	+1.6	8.0
3455	+.01	+0.5	7.0	3480	+.03	+0.5	7.0	3509	−.03	+0.5	5.0	3538	−.07	+0.1	5.0	3575	−.03	+0.3	5.0
3456	+.03	+0.4	7.0	3481	−.01	+0.5	8.0	3510	−.03	+0.1	5.0	3540	−.02	+0.2	4.9	3576	−.05	+0.5	5.0
3457	+.03	+0.7	7.0	3482	+.06	−0.5	8.0	3511	−.02	+0.1	5.0	3543	+.01	+0.7	7.0	3582	−.02	−0.6	5.0
3458	+.06	0.0	8.0	3483	−.01	+0.3	8.0	3512	−.01	+0.7	6.0	3544	.00	−0.4	7.0	3589	−.01	+0.9	7.0
3459	+.09	−0.9	8.0	3484	.00	+0.2	8.0	3513	−.01	+0.5	5.0	3545	−.01	+0.4	7.0	3590	+.05	−0.3	7.4
3460	+.05	0.0	8.0	3485	−.01	+0.6	5.1	3514	−.04	+0.4	4.9	3546	+.01	+0.5	7.0	3593	−.01	−0.5	8.0
3461	.00	+0.7	8 0	3487	−.01	+0.2	5.1	3516	−.04	+0.2	5.0	3548	+.07	+0.2	8.0	3597	−.01	+0.6	5.1
3462	−.04	+0.3	5.1	3489	−.03	+0.4	5.0	3517	+.01	+0.3	5.0	3550	+.09	+0.1	8.0	3599	−.04	+0.4	5.0
3463	−.03	+0.1	5.1	3490	−.08	+0.9	5.0	3518	−.03	−0.1	4.9	3551	−.02	+0.2	5.1				
3464	−.01	0.0	5.0	3491	−.05	+0.4	5.0	3519	−.02	+0.4	7.0	3553	−.02	+0.1	5.0				