
OBSERVATORIO ASTRONOMICO DEL PERU
334

CATÁLOGO LA PLATA D

DE 4513 ESTRELLAS

ENTRE 65°50′ Y 72°10′ DE DECLINACIÓN AUSTRAL (1875)

PARA EL EQUINOCCIO 1925

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ENTRE 65°50′ Y 72°10′ DE DECLINACIÓN AUSTRAL (1875)

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POR

VIRGINIO MANGANIELLO

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LA PLATA

OBSERVATORIO ASTRONÓMICO

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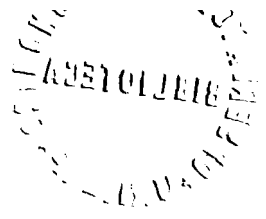
1936



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INTRODUCCION

Los métodos de observación y reducción empleados en este trabajo son, en sus líneas generales, los mismos usados en la elaboración de los catálogos *La Plata B* y *La Plata C*, anteriormente publicados.

El programa consistía en la observación de todas las estrellas de declinaciones comprendidas entre — 65°50′ y — 72°10′, hasta la magnitud 9.0 inclusive, que figuran en la *Cape Photographie Durchmusterung*, y con pocas excepciones [1] ha sido cumplido ; algunas estrellas más débiles, observadas por error de identificación, figuran también en el catálogo [2]. El trabajo de observación se efectuó en gran parte durante los años 1919, 1920 y 1921, pero se prolongó con menor intensidad hasta mediados de 1923.

El instrumento usado es el círculo meridiano Gautier (provisto de micrómetro impersonal Repsold) cuya descripción figura en el volumen I de estas *Publicaciones*. La inclinación se determinaba usando el baño de mercurio. Aproximadamente cada mes el instrumento se invertía, determinándose la colimación sobre la mira situada a 74 metros hacia el sur.

Para los tránsitos se leían 10 contactos del micrómetro impersonal ; el valor adoptado de su revolución es $3^s.258$ sec δ. Se ha usado casi exclusivamente el reloj Riefler N° 325. El azimut era determinado cada noche por observaciones de estrellas polares y boreales. En la reducción de las ascensiones rectas se ha empleado la fórmula de Bessel.

Para las declinaciones se efectuaban dos bisecciones con el tornillo micrométrico ; el valor adoptado de su revolución es 14″.56. Se leían los cuatro microscopios del lado este, cuyo *run* se determinaba cada noche. Para calcular la refracción se han utilizado las tablas de Albrecht (4ª edición, 1908) ; la presión atmosférica se medía con el barómetro Fortín N° 2571. Se aplicaron los errores de trazo dados en el volumen VI, entrega 4ª de estas *Publicaciones*.

Las ascensiones rectas y declinaciones aparentes fueron reducidas a principio del año empleando el procedimiento gráfico de Courvoisier (V. J. S. d. A. G., 1902).

Las estrellas fundamentales fueron seleccionadas del *Fundamentalcatalog für Zonenbeobachtungen*

[1] Han quedado sin observaciones : — 65°1149 (8.8); — 65°2731 (8.9); — 65°3072 (8.6); — 65°3794 (8.4); — 65°4032 (7.5) ; — 65°4095 (8.4) ; — 67°2242 (8.9) ; — 68°1007 (8.2) ; — 68°1028 (9.0) ; — 68°2519 (9.0) ; — 68°3321 (8.5) ; — 70°818 (9.0) ; — 70°2576 (7.3) ; — 71°2384 (9.0) ; — 72°730 (7.5) ; — 72°1239 (8.4) ; — 72°2377 (8.3) ; — 72°2413 (9.0) ; — 72°2493 (9.0). Sólo se ha observado una de las componentes de las dobles — 66°1944 y — 70°600.

[2] Estrellas nos 938, 1102, 1120, 1249, 1416, 1835, 2840, 2935, 3482, 3848.

am Südhimmel und Südlicher Polarcatalog für die Epoche 1900 de Auwers. Gran parte de esas estrellas figura en el *Neuer Fundamentalcatalog*, y para ellas se utilizó directamente la posición dada por el *Berliner Astronomisches Jahrbuch* o el *Almanaque Náutico*. Para derivar posiciones para las estrellas fundamentales se calcularon correcciones a las posiciones empleadas, utilizando solamente aquellas zonas donde había un número suficiente de estrellas fundamentales; el promedio de estas correcciones para cada estrella fué aplicado a la posición dada por el *Catálogo fundamental para 1925.0*.

Para las estrellas de zona, el resultado consignado en el *Catálogo* es el promedio de las determinaciones individuales, no habiéndose aplicado correcciones de zona. A cada estrella corresponden en promedio 3.o observaciones.

Se determinó la precisión interna del *Catálogo* analizando 2022 estrellas con tres observaciones cada una. Resultó que el error *medio* de una observación es :

$$\text{en A. R.} : \pm 0^{s}.117 \qquad \text{en Decl.} : \pm 0''.54$$

que reducido al ecuador y expresado en arco es :

$$\text{en A. R.} : \pm 0''.63 \qquad \text{en Decl.} : \pm 0''.54.$$

Como cada estrella tiene, en término medio, 3.o observaciones, el error medio de las posiciones del *Catálogo* es :

$$\text{en A. R.} : \pm 0''.36 \qquad \text{en Decl.} : \pm 0''.31.$$

No se dió mucha importancia a las apreciaciones de magnitud. Como no se efectuaban en las noches veladas, un número considerable de estrellas tienen tan sólo una apreciación de magnitud, y algunas quedaron sin ninguna.

El suscripto efectuó todas las observaciones en el anteojo. Los círculos fueron leídos por los señores Thales Tapia y Miguel Agabios. En las reducciones tomaron parte además de los nombrados, varios otros empleados del Observatorio. El señor Juan J. Nissen tuvo a su cargo la revisión final de los cálculos, preparación de los apéndices del *Catálogo* y del manuscrito para la impresión del mismo.

Las distintas columnas del *Catálogo* contienen :

1. *N°*. Número de orden de la estrella en el *Catálogo*.

2. *Index*. Durante la preparación del *Index der Sternörter* del Observatorio de Hamburgo se comunicó los números provisorios de las estrellas de la zona $-66°$ a $-72°$ que figuran en esa obra. Para facilitar el uso del *Index* esos números se dan en la segunda columna.

3. *Mag*. Magnitud de la estrella. Cuando está entre paréntesis es la de la *Cape Photographie Durchmusterung*, por no haber sido apreciada durante la observación de la zona.

4 y 7. *A. R. 1925.0, Decl., 1925.0*. Ascensión recta y declinación de la estrella, referidas al equinoccio de 1925.0 y correspondientes a la época media de la observación para las estrellas de zona y a la época 1925.0 para las estrellas fundamentales. Un asterisco * significa que los valores individuales son discordantes y que figuran en el Apéndice II.

5. y 8. *Prec*. Precesión, en A. R. y en Decl. respectivamente, calculadas con las constantes de Newcomb.

6. y 9. *Var. Sec.* Variación secular de la precesión, en A. R. y en Decl. respectivamente, calculadas con las constantes de Newcomb.

10. *Nº obs.* Número de observaciones de la estrella. Para las estrellas fundamentales se ha puesto una F.

11. *Ep.* Epoca media de la observación en años de exceso sobre 1900. Para las estrellas fundamentales se la hace figurar entre paréntesis, a fin de recordar que la posición dada no corresponde a esa época.

12. *C. P. D.* Número en la *Cape Photographie Durchmusterung*.

A continuación del *Catálogo* van cuatro Apéndices, cuyo contenido es el siguiente :

Apéndice I. Lista de las zonas, donde se dan : fecha, número de estrellas observadas, constantes de reducción y observaciones.

Apéndice II. Valores individuales de las observaciones discordantes. Se han calificado como *discordantes* las observaciones de una estrella cuando, observada *n* veces, la diferencia entre el mayor y menor de los resultados obtenidos era superior al límite indicado en el siguiente cuadro :

	2	3	4	5	6
A. R.	0ˢ33	0ˢ40	0ˢ46	0ˢ52	0ˢ57
Decl	1″6	2″0	2″3	2″6	2″8

Apéndice III. Comparación con el *Catálogo General Argentino* y con el *Catálogo de San Luis*. Las estrellas fundamentales no figuran en la comparación.

Apéndice IV. Valor del tercer término de la precesión, en A. R., y en Decl., para la zona —65° a —73°

VIRGINIO MANGANIELLO.

La Plata, diciembre de 1936.

CATÁLOGO

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1	4261	8.0	$0^h\ 0^m51^s.25$	$+3^s.0585$	$-0^s.0847$	$-70°49'17''.6$	$+20''.044$	$-0''.010$	3	20.8	71°2786
2	—	(5.2)	0 53.80	3.0568	.0940	71 51 16.2	20.045	.010	F	(19.9)	72 2800
3	4262	8.2	1 10.96	3.0532	.0841	70 37 41.1	20.044	.011	3	20.9	70 3038
4	4263	9.0	1 12.19	3.0525	.0855	70 54 34.7	20.045	.011	2	20.8	71 2787
5	4264	8.6	1 32.45	3.0503	.0740	68 14 16.5	20.044	.012	2	20.9	68 3597
6	4265	7.5	0 1 39.91	+3.0483	−0.0745	−68 22 39.1	+20.044	−0.012	3	20.8	68 3598
7	4266	8.7	2 9.39*	3.0397	.0784	69 13 45.7	20.044	.013	4-5	21.6	69 3349
8	1	9.0	2 36.97	3.0302	.0791	70 18 50.7	20.043	.014	3	19.9	70 1
9	2	8.6	3 2.45	3.0213	.0818	71 0 25.6	20.043	.014	4	19.8	71 1
10	3	8.6	3 54.26	3.0183	.0668	67 18 47.1	20.042	.016	3	19.9	67 1
11	4	7.5	0 3 55.63	+3.0205	−0.0638	−66 20 56.2	+20.042	−0.016	4	20.1	66 2
12	5	8.6	5 50.86	2.9946	.0627	66 26 48.2	20.038	.022	4	19.8	66 5
13	6	8.3	6 14.81	2.9919	.0606	65 46 28.5	20.037	.020	4	20.1	66 6
14	7	9.0	6 37.51	2.9590	.0792	71 15 15.2	20.036	.021	2-3	19.9	71 2
15	—	8.9	10 38.43	2.8832	.0774	71 53 4.8	20.023	.028	4	20.8	72 14
16	8	8.6	0 10 41 99	+2.9075	−0.0680	−69 20 9.2	+20.023	−0.028	2-3	19.9	69 2
17	9	8.5	11 28.27	2.8991	.0661	68 56 53.5	20.020	.030	2-3	19.9	69 3
18	—	8.8	12 8.27	2.8571	.0755	71 50 36.5	20.017	.030	3	20.8	72 20
19	10	8.6	12 11.52	2.9026	.0609	67 20 27.6	20.016	.030	4	19.8	67 13
20	11	8.5	12 26.93	2.8903	.0634	68 18 57.8	20.015	.031	3	19.8	68 4
21	12	7.5	0 12 51.80	+2.8574	−0.0710	−70 48 33.7	+20.013	−0.032	4	20.8	71 4
22	13	8.2	12 55.02	2.8945	.0597	67 6 26.8	20.013	.032	2-3	19.9	67 15
23	14	8.5	13 48.55	2.8834	.0588	66 59 1.2	20.008	.034	4	19.8	67 16
24	15	8.6	14 3.13	2.8442	.0681	70 17 43.4	20.007	.034	3	19.8	70 9
25	16	8.2	14 11.74	2.8800	.0580	66 46 32.0	20.006	.034	4	19.9	67 17
26	17	9.1	0 14 12.90	+2.8722	−0.0600	−67 33 48.3	+20.006	−0.034	2-3	19.9	67 18
27	18	8.7	14 31.21	2.8468	.0651	69 28 41.1	20.004	.035	3	20.8	69 5
28	—	9.1	15 14.38	2.8028	.0718	71 47 43.6	20.000	.036	3	20.9	72 27
29	19	8.8	15 14.53	2.8416	.0631	68 59 8.8	20.000	.036	3	20.8	69 6
30	20	8.6	15 57.32	2.8016	.0687	71 4 41.0	19.996	.037	3	19.8	71 5
31	21	8.9	0 16 0.85	+2.8442	−0.0592	−67 47 56.7*	+19.996	−0.037	4	19.8	68 8
32	22	8.7	16 6.39	2.8216	.0638	69 31 7.6	19.995	.037	2-3	19.9	69 7
33	23	7.0	17 10.94	2.7972	.0643	70 2 28.4	19.989	.039	3	20.9	70 12
34	24	8.9	17 49.04*	2.8306	.0556	66 48 43.3*	19.984	.040	3	20.8	67 22
35	25	7.3	17 58.73	2.8357	.0540	66 10 4.6	19.983	.041	2-3	19.9	66 21
36	26	7.7	0 18 2.26	+2.8286	−0.0552	−66 43 13.6	+19.983	−0.041	3	19.8	66 22
37	27	8.2	18 51.19	2.8004	.0577	68 2 34.0	19.977	.042	7	20.3	68 9
38	28	8.6	21 37.76	2.7924	.0509	65 48 50.1*	19.956	.047	4	19.8	66 26
39	29	8.2	22 7.31	2.7515	.0554	68 9 38.6	19.951	.047	4	20.1	68 11
40	30	7.5	23 19.74	2.7053	.0578	69 43 18.2	19.941	.048	3	19.9	70 15
41	31	8.5	0 23 23.59	+2.7335	−0.0544	−68 8 12.9	+19.940	−0.049	4	19.9	68 13
42	32	9.1	24 38.33	2.7415	.0504	66 35 50.7	19.929	.051	4	20.8	66 29
43	33	8.1	24 50.16	2.7431	.0498	66 19 37.1*	19.927	.052	4	19.8	66 31
44	—	8.8	25 50.33	2.7403	.0480	65 40 16.6	19.917	.053	3	19.9	65 39
45	34	8.8	27 49.18	2.6411	.0533	69 27 6.2	19.897	.055	4	20.1	69 12
46	35	8.7	0 28 26.88	+2.6469	−0.0515	−68 46 19.5	+19.891	−0.056	3	19.9	69 14
47	36	6.7	30 12.62	2.5424	.0548	71 40 47.2	19.871	.057	8	19.8	71 20
48	37	8.6	31 39.86	2.5931	.0492	69 0 37.7	19.854	.060	4	20.1	69 15
49	38	8.9	32 7.56	2.5926	.0484	68 45 16.2	19.848	.061	3	19.9	69 16
50	39	9.0	32 46.87	2.5112	.0514	71 15 47.9	19.840	.061	4	19.9	71 21

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
51	40	8.1	$0^h33^m26^s.25$	+2ˢ.5434	−0ˢ.0488	−69°50′43″.8	+19″.832	−0″.062	3-4	20.8	70° 29
52	41	8.8	34 42.95	2 5645	.0458	68 21 32.5	19.815	.065	4	19.8	68 22
53	42	8.7	34 46.66	2.5517	.0463	68 48 44.9	19.814	.065	4	20.1	69 17
54	43	8.1	34 52.26	2.6079	.0433	66 27 23.4	19.813	.066	4	19.9	66 43
55	44	9.1	36 17.91	2.5194	.0454	69 9 1.0	19.794	.066	3	19.9	69 19
56	46	8.9	0 37 37.12	+2.4885	−0.0446	−69 30 34.8	+19.775	−0.068	4	20.1	69 21
57	45	8.4	37 38.59	2.5153	.0437	68 35 53.2	19.775	.068	3	19.8	68 25
58	47	6.0	39 16.35	2.5639	.0397	65 52 48.4	19.751	.072	6	20.2	66 47
59	48	7.0	39 30.05	2.5576	.0397	66 1 10.2	19.747	.074	4	20.1	66 50
60	49	9.0	39 46.71	2.4237	.0434	70 25 38.9	19.744	.069	4	20.1	70 32
61	50	9.0	0 41 10.01	+2.4463	−0.0412	−69 8 27.1	+19.722	−0.072	2	20.8	69 24
62	51	7.0	41 28.28	2.5315	.0384	66 2 36.1	19.718	.075	3	19.9	66 53
63	52	8.6	41 35.34	2.3487	.0422	71 34 44.9	19.716	.070	3	19 9	71 26
64	53	9.1	43 31.78*	2.4063	.0393	69 16 1.1	19.684	.075	4	19.8	69 25
65	54	8.8	44 34.51	2.4297	.0378	68 7 12.1	19.667	.077	4	20.1	68 28
66	56	9.0	0 45 32.47	+2.4218	−0.0370	−67 56 25.3	+19.650	−0.078	3	20.8	68 29
67	55	8.6	45 35.49	2.4803	.0357	65 58 42.1	19.649	.080	3	19.9	66 57
68	57	8.7	46 11.62	2.3560	.0371	69 32 6.0	19.639	.077	4	20.9	69 26
69	—	9.0	47 25.71*	2.2327	.0357	71 54 4.3	19.617	.075	2	20.8	72 68
70	58	7.2	48 5.67	2.2379	.0351	71 33 37.0	19.606	.076	3	19.9	71 28
71	59	7.3	0 49 33.62	+2.2889	−0.0341	−69 54 34.4	+19.578	−0.080	6	19.8	70 37
72	60	8.1	49 37.43	2.2879	.0336	69 54 31.4	19.577	.080	5	20.7	70 38
73	61	9.0	49 56.75	2.3817	.0335	67 18 32.4	19.571	.083	4	19.9	67 57
74	62	8.7	50 52.70	2.4033	.0325	66 16 28.0	19.553	.085	4	20.8	66 66
75	63	8.9	51 27.01	2.2774	.0325	69 29 36.2	19.542	.082	4	19.8	69 27
76	64	8.0	0 51 41.10	+2.4059	−0.0318	−65 51 56.4	+19.537	−0.086	3	19.9	66 69
77	65	(6.6)	52 12.40	2.2468	.0317	69 55 57.1	19.527	.082	F	(20.2-20.3)	70 40
78	66	8.8	52 31.63	2.2805	.0317	69 2 2.5	19.520	.084	4	20.9	69 28
79	68	9.0	54 24.03	2.2082	.0297	70 1 39.4	19.483	.084	4	20.1	70 42
80	67	9.0	54 24.05	2.3432	.0303	66 41 55.0	19.483	.089	4	19.8	66 72
81	69	8.5	0 54 56.26	+2.3543	−0.0298	−66 10 34.4	+19.472	−0.090	4	20.8	66 74
82	70	7.5	54 58.56*	2.3261	.0323	66 57 56.7*	19.471	.089	3	19.9	67 62
83	71	(8.9)	55 10.05	2.2600	.0296	68 35 53.7	19.467	.087	4	20.1	68 35
84	72	9.0	55 18.36	2.1308	.0278	71 16 23.0	19.464	.082	4	19.8	71 34
85	73	8.9	57 6.51	2.2710	.0284	67 39 21.2	19.426	.090	3	19.9	67 65
86	74	8.4	0 57 30.98	+2.1314	−0.0264	−70 34 51.7	+19.417	−0.085	8-9	20.5-20.4	70 44
87	75	8.9	59 1.68	2.3063	.0272	66 3 24.1	19.384	.094	3	19.9	66 79
88	76	6.8	59 50.63	2.3031	.0267	65 51 32.9	19.365	.095	8	20.0	66 80
89	77	(7.0)	1 0 41.12*	2.0425	.0224	71 15 5.0*	19.346	.086	2	21.9	71 35
90	78	8.7	2 57.46	1.9998	.0200	71 20 5.1	19.293	.087	4	20.1	71 37
91	79	8.8	1 6 6.93	+1.9645	−0.0174	−71 4 0.0	+19.216	−0.090	4	19.9	71 40
92	80	8.6	6 23.79	2.1611	.0220	67 16 48.2	19.209	.098	5	20.0	67 74
93	81	8.8	6 24.06	2.0258	.0191	69 57 57.5	19.209	.092	4	20.1	70 49
94	82	9.2	6 34.66	1.9692	.0173	70 52 21.5	19.205	.090	3	19.9	71 43
95	83	8.8	6 49.65	2.1589	.0218	67 11 59.0	19.199	.099	2	20.8	67 75
96	84	9.0	1 7 9.80	+1.9488	−0.0164	−71 2 37.7	+19.190	−0.090	3	20.9	71 44
97	85	9.2	7 32.16	1.9530	.0164	70 53 5.3	19.181	.091	4	20.1	71 45
98	86	8.5	7 51.19	2.1837	.0216	66 19 16.1	19.172	.101	5	20.0	66 87
99	87	8.6	8 3.51	2.1699	.0213	66 35 2.2	19.167	.101	3	19.9	66 88
100	88	9.0	8 57.25	1.9391	.0154	70 44 42.8	19.144	.092	4-5	19.9-20.1	71 47

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
101	89	8.4	$1^h10^m55^s.18$	$+1^s.8720$	$-0^s.0122$	$-71°16'43''.1$	$+19''.092$	$-0''.091$	4	20.1	71° 50
102	90	7.9	12 27.09	1.9781	.0154	69 13 3.5	19.051	.098	9	20.4	69 44
103	91	6.0	13 13.20	1.9636	.0146	69 16 27.3	19.030	.098	6	20.2	69 45
104	92	7.3	13 55.10	2.0335	.0163	67 49 36.8	19.011	.102	3	19.9	68 47
105	93	6.6	14 27.51	2.0779	.0171	66 47 36.0	18.996	.105	3	20.8	67 81
106	—	(8.2)	1 14 55.54	+2.1265	—0.0177	—65 36 25.0	+18.983	—0.107	3	20.8	65 127
107	94	8.0	15 17.66	2.0316	.0157	67 30 20.1	18.973	.104	4	20.1	67 84
108	95	9.0	15 51.94	1.9461	.0132	68 55 11.0	18.956	.100	4	20.9	69 52
109	96	8.8	16 4.22	2.0427	.0157	67 4 10.7	18.951	.105	7	19.8	67 85
110	97	8.6	16 44.12	1.7596	.0058	71 30 40.5	18.932	.092	5	20.1	71 58
111	99	7.4	1 17 22.66	+1.9018	—0.0113	—69 17 39.3	+18.913	—0.100	5	20.0	69 53
112	98	9.0	17 25.96	1.9862	.0139	67 49 15.3	18.911	.104	4	20.1	68 50
113	100	8.8	17 56.26	1.9434	.0125	68 27 43.4*	18.897	.102	3	19.9	68 51
114	101	8.9	19 14.90	2.0142	.0140	66 50 13.8	18.858	.108	3	20.9	67 88
115	102	8.0	19 18.22	2.0166	.0140	66 46 33.8	18.857	.108	4	20.8	67 89
116	103	7.7	1 19 42.71	+1.8138	—0.0074	—70 6 39.6	+18.844	—0.098	5	20.1	70 64
117	104	7.9	20 28.08	1.8454	.0085	69 28 22.4	18.822	.101	4	20.1	69 55
118	105	8.8	21 3.23	1.9054	.0104	68 22 26.6	18.804	.104	4	20.1	68 53
119	106	8.7	21 7.25	1.9677	.0122	67 15 37.6	18.802	.107	5	20.1	67 91
120	107	8.9	22 4.14	1.7075	.0024	71 3 57.4	18.773	.095	3	19.9	71 61
121	108	8.9	1 22 30.94	+1.9883	—0.0123	—66 31 58.9	+18.759	—0.110	4	20.1	66 99
122	109	8.9	23 7.94	2.0100	.0127	65 57 19.8	18.740	.112	4	20.1	66 100
123	110	8.6	23 16.97	1.9086	— .0099	67 48 19.9	18.736	.107	4	20.1	68 56
124	112	9.1	23 46.76	1.6354	+ .0014	71 37 0.6	18.720	.093	2-3	19.9	71 62
125	111	8.6	23 47.15	1.8766	— .0088	68 13 49.4	18.720	.106	2	20.8	68 57
126	113	9.0	1 24 12.00	+1.9096	—0.097	—67 34 40.8	+18.707	—0.108	3	20.8	67 93
127	114	8.7	25 44.10	1.6346	+ .017	71 14 43.9	18.658	.095	4	20.1	71 65
128	116	8.8	26 22.48	1.6828	— .006	70 30 59.0	18.638	.098	2	19.9	70 76
129	115	7.7	26 25.71	1.8196	.062	68 33 43.2	18.636	.106	4	20.1	68 59
130	117	8.2	26 45.72	1.8581	.075	67 52 23.0	18.625	.108	4	20.1	68 60
131	118	8.4	1 28 40.33	+1.8917	—0.0081	—66 52 58.4	+18.563	—0.112	4	20.8	67 95
132	120	9.0	29 2.10	1.6028	+ .0036	71 0 1.1	18.551	.096	4	20.1	71 67
133	119	9.2	29 3.63	1.9254	— .0089	66 11 24.5	18.550	.114	3	19.9	66 103
134	121	9.0	29 23.00	1.7018	— .0010	69 40 1.5	18.540	.102	4	20.1	69 64
135	122	8.7	29 29.51	1.6461	+ .0015	70 22 41.6	18.536	.099	4	20.1	70 77
136	123	8.0	1 31 35.29	+1.5411	+0.0069	—71 15 5.1	+18.465	—0.095	4	20.1	71 69
137	124	9.0	32 10.48	1.6873	.0000	69 19 2.7	18.445	.104	4	20.1	69 70
138	—	7.8	32 25.83	1.9122	— .0078	65 40 54.8	18.437	.117	3	20.8	65 139
139	125	8.3	32 52.78	1.7997	.0043	67 31 9.7	18.421	.111	4	20.1	67 102
140	—	8.8	33 17.32	1.9025	.0074	65 40 30.6	18.407	.117	3	20.9	65 140
141	126	9.0	1 33 44.83	+1.8141	—0.0046	—67 6 30.1	+18.391	—0.113	3	19.9	67 104
142	127	9.1	34 6.70	1.7092	.0007	68 38 1.4*	18.378	.107	3	19.9	68 68
143	128	8.7	34 57.97	1.7762	.0031	67 27 48.8	18.348	.112	5	20.9	67 106
144	129	9.0	35 11.84	1.8525	.0055	66 9 34.1	18.340	.117	2	20.9	66 105
145	130	7.6	35 50.08	1.7983	.0037	66 56 14.4	18.318	.114	3	19.8	67 107
146	131	8.3	1 36 1.42*	+1.7305	—0.0013	—67 57 4.4	+18.311	—0.110	3	19.9	68 69
147	132	7.0	36 16.02	1.8496	— .0053	65 59 12.1	18.302	.118	4	20.8	66 106
148	133	9.0	36 27.50	1.6911	+ .0003	68 26 19.1	18.295	.108	3	19.9	68 70
149	134	8.7	37 49.60*	1.6584	+ .0019	68 38 15.6	18.246	.108	4	20.1	68 73
150	135	8.7	38 14.12	1.7245	— .0007	67 36 40.6	18.231	.112	5	20.1	67 108

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
151	136	8.6	1h38m34s.84	+1s.5108	+0s.0087	−70°21′57″.3	+18″.219	−0″.100	4	20.8	70° 87
152	137	8.0	39 3.71	1.6842	+ .0009	68 2 43.0	18.201	.111	7	20.0	68 77
153	138	8.8	39 54.58	1.7815	— .0025	66 23 44.5	18.170	.117	4	20.1	66 109
154	139	8.1	40 15.84	1.7247	— .0005	67 13 11.4	18.157	.114	4	20.1	67 112
155	140	8.7	40 26.58	1.7082	+ .0002	67 25 59.5	18.150	.113	3-4	20.8	67 113
156	141	9.3	1 41 58.51	+1.7762	−0.0020	−66 4 42.2	+18.093	−0.119	4	20.1	66 110
157	142	8.7	42 52.70	1.6118	+ .0042	68 21 3.2*	18.059	.110	4	20.1	68 82
158	143	8.9	42 57.50	1.5234	+ .0082	69 27 57.3	18.056	.104	4	20.1	69 77
159	144	8.8	43 48.97	1.7739	− .0017	65 45 32.5	18.023	.121	2	19.9	66 111
160	145	8.7	44 25.31	1.6120	+ .0043	68 4 25.9	18.000	.111	4	20.1	68 84
161	146	9.0	1 44 54.79	+1.6879	+0.0014	−66 54 11.8	+17.981	−0.116	4	20.1	67 118
162	147	9.0	45 7.03	1.5797	.0057	68 23 3.4	17.973	.110	4	20.1	68 86
163	148	7.6	45 43.39	1.4156	.0136	70 15 20.1	17.949	.100	4-3	20.8	70 93
164	150	8.2	46 23.88	1.4198	.0134	70 6 5.3	17.923	.100	2-3	19.9	70 94
165	151	9.0	46 31.33*	1.3868	.0151	70 26 29.8	17.918	.098	3	20.9	70 95
166	149	8.9	1 46 33.68	+1.7180	+0.0005	−66 8 28.6	+17.917	−0.120	3	19.9	66 116
167	152	8.9	46 57.95	1.5485	.0072	68 28 16.9	17.901	.109	3	19.8	68 89
168	153	9.0	47 36.89	1.6519	.0030	66 56 50.3	17.875	.116	4	20.1	67 121
169	154	8.8	49 49.65*	1.5089	.0090	68 29 47.2	17.787	.109	3	19.9	68 95
170	155	6.7	50 40.80	1.5123	.0089	68 18 48.6	17.752	.110	4	20.1	68 96
171	156	9.0	1 51 12.56	+1.6335	+0.0040	−66 35 5.4	+17.731	−0.119	4	20.1	66 117
172	157	8.0	52 25.68	1.3538	.0165	69 53 6.5	17.681	.100	2	20.8	70 100
173	158	(6.2)	53 1.82	1.5057	.0092	68 0 57.5	17.656	.112	F	(20.0)	68 101
174	159	(8.4)	53 21.02	1.6443	.0037	66 3 25.8	17.643	.121	2	20.9	66 119
175	160	8.9	53 44.26	1.4797	.0104	68 13 41.6	17.627	.110	4-5	20.9	68 103
176	161	7.4	1 54 5.25	+1.4313	+0.0126	−68 45 28.0	+17.612	−0.107	2	21.4	69 87
177	162	9.0	54 46.53	1.2756	.0205	70 21 12.0	17.583	.097	4	20.1	70 101
178	163	8.6	55 32.48	1.5967	.0056	66 22 46.3	17.551	.121	2	20.9	66 121
179	164	7.0	55 50.85	1.6337	.0043	65 47 21.0	17.538	.123	2	20.8	66 123
180	166	8.5	55 52.88	1.1394	.0283	71 29 26.3	17.537	.088	3	20.9	71 88
181	165	9.1	1 56 6.94*	+1.4971	+0.0096	−67 37 53.4	+17.527	−0.113	3	19.8	67 131
182	167	8.9	56 23.39	1.4683	.0109	67 57 3.2*	17.515	.112	3	19.8	68 106
183	168	9.0	56 58.70	1.2990	.0191	69 47 41.1	17.490	.100	2	19.9	70 106
184	169	8.7	56 59.43	1.2869	.0197	69 55 5.7	17.489	.099	3	19.9	70 107
185	170	(7.4)	57 33.10	1.6128	.0052	65 48 46.8	17.465	.123	3	20.8	66 124
186	171	6.7	1 57 42.85	+1.5679	+0.0068	−66 25 46.6	+17.458	−0.120	3	19.8	66 125
187	172	9.0	57 49.26	1.2255	.0230	70 25 5.5	17.454	.095	4	20.1	70 110
188	173	7.7	59 17.01	1.5290	.0084	66 42 37.8	17.390	.118	4	20.1	66 126
189	—	9.0	59 50.87	1.5907	.0061	65 45 26.6	17.366	.123	2-3	(19.9-20.2)	65 163
190	174	9.1	2 0 18.73	1.2288	.0225	70 2 18.2	17.345	.097	4-5	(20.4-20.5)	70 119
191	175	8.3	2 0 45.91	+1.5459	+0.0078	−66 14 39.9	+17.326	−0.121	3	19.8	66 127
192	177	7.4	1 11.80	1.1389	.0274	70 46 48.5	17.307	.091	3	19.9	71 98
193	176	9.0	1 25.57	1.5650	.0071	65 52 24.3	17.296	.123	3	19.9	66 128
194	178	8.9	2 46.30	1.0209	.0344	71 36 43.9	17.237	.083	3	20.9	71 102
195	179	8.4	3 21.63	1.3194	.0174	68 39 32.7	17.210	.106	3	20.0	68 113
196	180	8.8	2 3 44.99	+1.4932	+0.0099	−66 29 41.2	+17.193	−0.119	3	19.8	66 129
197	181	8.8	4 26.16*	1.0692	.0310	70 59 14.3*	17.162	.088	3	19.9	71 106
198	183	9.0	4 56.74	1.1290	.0274	70 22 42.7	17.139	.093	3	20.0	70 125
199	182	7.2	5 6.57	1.4808	.0100	66 18 5.9	17.132	.120	7	20.4	66 130
200	184	9.1	8 44.75	1.2056	.0228	69 7 53.4	16.964	.101	3	19.8	69 101

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
201	185	9.2	2h 9m48s.84*	+1s.3707	+0s.0149	−67° 9′16″.5	+16″.914	—0″.114	3	19.9	67° 142
202	186	8.5	10 12.78	1.4483	.0117	66 7 29.3	16.895	.121	3	19.9	66 133
203	188	7.7	10 43.47	0.9407	.0375	71 18 7.9	16.871	.081	3	20.0	71 110
204	187	7.7	10 56.24	1.4105	.0132	66 30 18.5	16.861	.118	3	19.8	66 134
205	189	8.9	12 18.01	1.3427	.0160	67 8 36.3	16.797	.114	3	19.9	67 144
206	190	8.8	2 12 18.80	+0.9376	+0.0373	−71 8 27.6	+16.796	−0.082	2-3	20.9	71 113
207	191	6.5	12 40.11	1.2458	.0204	68 11 29.3	16.779	.106	3	20.0	68 126
208	193	8.9	13 0.22	1.0775	.0290	69 50 8.6	16.763	.093	3	20.2	70 132
209	—	8.8	13 0.65*	0.8327	.0437	71 53 13.2	16.763	.074	2	20.9	72 160
210	192	9.0	13 8.99	1.2955	.0182	67 36 34.8	16.756	.111	3	19.8	67 145
211	194	6.5	2 13 54.33	+1.2398	+0.0206	−68 5 37.6	+16.720	−0.107	3	19.9	68 128
212	—	8.8	14 4.11	0.8193	.0443	71 52 9.7	16.712	.073	2	20.9	72 163
213	195	7.7	14 28.60	1.0641	.0295	69 46 49.0	16.692	.093	3	20.9	70 136
214	196	8.9	14 53.26	1.1289	.0259	69 6 41.3	16.672	.098	3	19.9	69 108
215	197	8.8	15 8.51	0.9554	.0355	70 39 40.5	16.660	.084	3	20.9	70 137
216	198	8.7	2 15 21.15	+1.0480	+0.0302	−69 49 18.1	+16.649	−0.092	3	20.9	70 138
217	199	9.0	15 36.68	1.1768	.0234	68 32 20.0	16.637	.103	3	20.0	68 131
218	201	9.2	16 28.56	0.8435	.0420	71 24 54.6	16.595	.076	3	19.9	71 121
219	200	8.0	16 43.48	1.2021	.0221	68 7 59.3	16.582	.106	3	19.8	68 132
220	—	8.5	17 0 30	0.7836	.0457	71 48 45.7	16.569	.071	3	20.9	72 166
221	202	8.6	2 17 39.34	+0.9714	+0.0340	−70 13 51.6	+16.536	−0.087	3	19.9	70 140
222	204	8.7	17 51.49	0.8738	.0397	71 1 19.3	16.526	.080	3	20.9	71 122
223	203	8.1	18 2.11	1.1957	.0222	68 2 6.3	16.518	.106	3	19.9	68 133
224	205	7.4	18 19.89	1.1544	.0242	68 25 40.9	16.503	.102	3	19.9	68 134
225	206	8.7	18 46.53	1.0084	.0317	69 46 28.9*	16.481	.091	3	20.9	70 142
226	207	9.0	2 19 26.98	+1.1373	+0.0249	−68 27 46.5	+16.447	−0.102	3	19.8	68 135
227	208	9.0	20 5.61	0.9540	.0345	70 6 4.7	16.415	.087	3	20.0	70 144
228	209	(3.6)	20 24.43	1.0709	.0281	69 0 1.6	16.399	.097	F	(20.4)	69 113
229	210	8.9	20 44.34	1.2977	.0176	66 33 2.1	16.383	.116	3	20.9	66 136
230	211	9.0	20 48.31	1.3166	.0167	66 18 57.2	16.379	.118	3	20.0	66 137
231	212	8.9	2 21 52.92*	+0.9639	+0.0336	−69 48 41.7	+16.325	−0.088	3	19.9	70 147
232	—	8.1	22 11.96	1.3540	.0151	65 40 31.1	16.309	.121	3	20.9	65 174
233	213	8.9	22 44.52	1.0948	.0266	68 29 27.7	16.281	.100	3	19.8	68 140
234	214	9.0	23 15.50	1.0891	.0268	68 29 9.3	16.255	.100	3	20.9	68 141
235	215	9.2	23 29.18	0.8644	.0388	70 28 37.5	16.243	.081	4	20.2	70 149
236	216	7.2	2 23 53.35	+1.2386	+0.0198	−66 49 53.1	+16.222	−0.113	3	20.9	67 154
237	217	9.2	24 2.10	1.2557	.0190	66 37 6.1	16.215	.114	3	20.0	66 139
238	218	8.1	24 5.31	1.1172	.0253	68 6 21.8	16.212	.103	2-3	19.9	68 144
239	219	7.7	24 24.33	0.8568	.0390	70 26 20.6	16.196	.080	3	20.9	70 151
240	220	8.9	24 45.17	0.7613	.0446	71 9 11.1*	16.178	.072	3	20.9	71 131
241	221	7.8	2 25 6.01	+1.0161	+0.0301	−68 58 17.4	+16.160	−0.094	3	19.8	69 121
242	222	9.0	25 28.65	0.9894	.0315	69 10 33.7	16.140	.092	2-3	20.9	69 122
243	—	8.9	25 44.92	0.6548	.0511	71 49 39.8	16.126	.064	3	20.9	72 181
244	—	8.8	26 15.36	1.3131	.0165	65 39 31.0*	16.100	.121	3	20.9	65 179
245	224	8.6	26 26.75	1.1489	.0235	67 29 56.9*	16.090	.107	3	19.9	67 158
246	223	7.4	2 26 30.92	+1.2907	+0.0174	−65 53 48.8	+16.086	−0.119	3	19.9	66 140
247	226	7.6	26 38.74	0.8972	.0362	69 51 32.2*	16.079	.085	3	20.9	70 155
248	225	9.0	26 44.65	1.2574	.0187	66 15 45.2	16.074	.116	3	20.0	66 141
249	228	(8.9)	26 46.95	0.9497	.0332	69 23 4.4	16.072	.090	1	22.0	69 124
250	227	9.0	27 0.18	1.2418	.0194	66 24 37.6	16.061	.115	3	19.8	66 142

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
251	229	8.9	2h27m28s.83	+1s.1746	+0s.0222	—67° 6′ 7″.0	+16″.036	—0″.110	3	20.2	67° 161
252	231	7.8	28 39.56	0.9759	.0316	68 56 33.8	15.974	.093	2-3	(19.9-20.0)	69 127
253	230	8.8	28 41.50	1.2490	.0189	66 7 12.8	15.972	.117	3	19.9	66 146
254	232	8.5	28 42.55	0.7357	.0450	70 56 20.3	15.971	.072	3	20.9	71 135
255	233	8.8	29 10.34	0.6880	.0478	71 14 48.7	15.947	.068	3	20.9	71 138
256	234	8.4	2 29 38.59	+1.2091	+0.0205	—66 27 40.2	+15.922	—0.114	4	20.2	66 147
257	235	7.5	29 52.87	1.0301	.0286	68 17 54.5	15.909	.098	3	19.8	68 151
258	236	8.8	31 1.85	1.1715	.0220	66 42 53.6	15.847	.111	3	20.9	66 148
259	237	8.3	31 20.53	0.8287	.0388	69 56 4.7	15.831	.081	3	19.9	70 163
260	239	8.1	31 31.80	0.7625	.0426	70 26 46.2	15.821	.075	3	20.9	70 164
261	238	8.8	2 31 51.49	+1.2291	+0.0195	—65 58 7.8	+15.803	—0.117	4	20.2	66 149
262	240	8.8	32 6.43	0.8021	.0401	70 4 21.0	15.790	.079	2	20.9	70 165
263	242	8.9	32 23.59	0.8643	.0366	69 31 38.1	15.774	.084	3	19.9	69 130
264	241	9.0	32 28.39	1.2256	.0196	65 56 15.4	15.770	.117	3	19.8	66 150
265	245	8.0	33 4.49	0.6560	.0484	71 5 45.4	15.737	.066	3	20.9	71 144
266	244	9.0	2 33 5.17	+1.1275	+0.0237	—66 57 3.4	+15.737	—0.108	3	20.0	67 166
267	243	8.7	33 5.57	1.2083	.0204	66 7 5.9	15.736	.115	3	20.9	66 151
268	246	8.8	34 8.43	0.9607	.0313	68 29 14.1	15.680	.094	4	20.1	68 156
269	247	8.6	36 15.56	0.5603	.0532	71 28 12.7	15.563	.058	3	19.8	71 149
270	248	7.1	36 41.01	1.0226	.0279	67 37 26.0	15.540	.101	3	19.9	67 170
271	249	9.0	2 37 31.90	+1.0810	+0.0251	—66 56 25.7	+15.493	—0.107	3	20.9	67 172
272	—	9.0	37 33.69	1.1986	.0202	65 39 15.0*	15.491	.117	2	20.9	65 191
273	252	7.3	38 6.39	0.6026	.0499	71 0 5.5	15.461	.062	2-3	20.9	71 154
274	250	7.3	38 15.23	1.0403	0.269	67 16 41.7*	15.453	.103	3	20.2	67 173
275	251	7.9	38 25.19	1.1194	.0234	66 26 16.2	15.444	.111	3	19.9	66 155
276	253	(3.6)	2 38 25.65	+0.9003	+0.0334	—68 35 17.1	+15.443	—0.090	F	(20.0)	68 161
277	256	8.2	39 32.81	.6875	.0445	70 14 19.8	15.380	.071	4	20.9	70 173
278	254	9.0	39 36.47	.9847	.0292	67 40 49.7	15.377	.099	3	20.2	67 178
279	255	8.5	39 36.85	.7918	.0388	69 24 9.5	15.377	.081	3	20.9	69 137
280	257	7.0	39 39.92	.7730	.0398	69 33 9.1	15.374	.079	3	19.9	69 138
281	258	8.4	2 40 38.74	+0.8271	+0.0367	—69 0 15.8	+15.319	—0.084	3	20.0	69 140
282	260	8.1	40 49.25	0.4523	.0583	71 46 46.4	15.309	.049	3	19.8	71 156
283	259	8.8	40 55.37	1.0963	.0240	66 24 38.2	15.303	.110	3	20.9	66 156
284	261	9.0	41 19.10	1.0128	.0276	67 13 35.2*	15.281	.102	4	20.9	67 179
285	262	(9.0)	41 57.97	1.0538	.0257	66 44 34.3	15.244	.106	2	20.9	66 157
286	263	6.5	2 42 7.51	+1.0240	+0.0270	—67 1 46.4	+15.235	—0.103	4	20.2	67 181
287	266	7.8	42 13.02	0.4729	.0564	71 31 18.2	15.230	.051	3	20.9	71 159
288	265	7.3	42 26.97	0.7490	.0403	69 28 40.0	15.216	.078	3	19.9	69 142
289	264	8.8	42 28.73	0.9619	.0297	67 36 2.3	15.215	.098	3	19.8	67 182
290	267	8.6	42 29.63	0.7498	.0402	69 28 0.6	15.214	.078	3-4	20.9	69 143
291	268	8.3	2 42 32.40	+0.7204	+0.0418	—69 41 52.7	+15.211	—0.075	3	20.9	69 144
292	269	8.9	42 49.05*	0.6933	0.432	69 53 4.8	15.195	.072	3	20.0	70 176
293	270	8.7	42 58.68	0.8628	.0344	68 27 45.0	15.186	.088	3	19.9	68 167
294	271	9.0	43 58.09	0.9755	.0288	67 19 2.3*	15.130	.100	2-3	19.8	67 184
295	272	(5.1)	44 22.77*	0.9062	.0320	67 55 54.2	15.106	.093	4	20.1	68 169
296	275	8.6	2 44 29.78	+0.7224	+0.0412	—69 29 53.7	+15.099	—0.076	4	20.9	69 147
297	273	8.9	44 36.90	1.0375	.0260	66 37 55.1	15.093	.106	3	20.9	66 160
298	274	8.8	44 40.51	0.9298	.0308	67 40 56.8	15.089	.096	3-2	20.9	67 185
299	277	7.1	45 1.92	0.4314	.0578	71 32 59.9	15.069	.048	3	20.0	71 165
300	276	8.4	45 9.38	0.7511	.0395	69 12 13.4	15.061	.079	3	19.9	69 149

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
301	278	7.9	2h45m51s.49	+0s.9271	+0s.0307	−67°35′23″.8	+15″.021	−0″.096	3	19.8	67° 188
302	279	9.0	45 51.76	0.7192	.0409	69 23 42.9	15.020	.076	2-3	19.9	69 150
303	—	8.7	46 32.89	0.3468	.0625	71 57 33.1	14.981	.040	3	20.9	72 203
304	280	9.0	47 32.99	0.7305	.0399	69 8 50.9	14.922	.077	2	20.5	69 152
305	281	8.5	48 27.45	0.5382	.0501	70 31 41.9	14.869	.059	3	19.9	70 181
306	282	7.0	2 49 46.63	+0.8596	+0.0331	−67 49 47.8	+14.792	−0.091	3	20.2	68 172
307	283	8.8	50 19.87	0.6554	.0431	69 29 31.2	14.759	.071	3	19.9	69 157
308	284	7.9	51 15.76	0.8679	.0324	67 36 46.3	14.704	.092	3	19.9	67 192
309	—	7.3	51 34.95	1.0526	.0245	65 45 36.9	14.685	.110	3	20.0	65 201
310	285	9.0	53 2.86	0.9520	.0284	66 38 40.0	14.597	.101	1	19.9	66 161
311	286	8.8	2 53 25.59	+0.5030	+0.0503	−70 21 10.8	+14.574	−0.056	3	19.8	70 190
312	287	8.7	54 58.53	0.4112	.0550	70 51 21.6*	14.481	.048	3	20.2	71 175
313	289	8.7	55 36.00	0.7135	.0387	68 33 26.4	14.443	.078	3	20.0	68 181
314	288	8.7	55 37.86	0.8303	.0332	67 32 48.0	14.441	.090	2	19.9	67 194
315	290	8.2	56 6.07	0.6297	.0427	69 11 8.8	14.413	.070	3	20.9	69 162
316	291	8.9	2 56 42.33	+0.8621	+0.0316	−67 9 27.9	+14.376	−0.094	3	19.8	67 195
317	293	8.6	57 9.09	0.8009	.0342	67 40 17.3	14.349	.088	3	20.0	67 197
318	292	9.0	57 11.19	0.9388	.0283	66 22 42.8	14.347	.102	3	19.9	66 165
319	294	8.5	57 14.08	0.8257	.0331	67 26 30.0	14.344	.090	2	19.9	67 198
320	295	9.0	58 51.21	0.4906	.0491	69 59 36.0	14.244	.056	3	19.8	70 197
321	296	8.2	2 59 51.73	+0.8044	+0.0335	−67 23 52.2	+14.182	−0.089	3	19.9	67 201
322	297	8.0	3 1 14.53*	0.4658	.0496	69 58 38.9	14.097	.054	3	19.9	70 201
323	298	8.9	1 15.43	0.2325	.0628	71 30 18.3	14.096	.030	3	20.0	71 182
324	299	8.8	1 34.63	0.3375	.0566	70 49 16.1	14.076	.041	3	20.9	71 183
325	300	8.6	2 2.12	0.8582	.0307	66 42 38.2	14.047	.095	3	20.9	66 168
326	301	8.4	3 2 24.74	+0.9462	+0.0271	−65 49 14.5	+14.024	−0.104	3-2	20.3-20.5	66 169
327	302	8.5	2 55.13	0.3299	.0564	70 46 7.0	13.992	.040	4	20.2	70 204
328	—	8.9	5 52.98	0.9235	.0275	65 44 8.8	13.805	.103	4	20.2	65 218
329	303	8.2	6 38.53	0.8686	.0295	66 12 21.2	13.757	.098	3	19.8	66 170
330	304	8.1	6 41.04	0.5746	.0279	68 44 18.8	13.754	.067	3	19.9	68 191
331	305	7.0	3 7 13.54	+0.4601	+0.0478	−69 33 1.9	+13.720	−0.055	7	20.5	69 174
332	306	9.0	7 14.28	0.3700	.0525	70 10 38.0	13.719	.045	4	20.2	70 209
333	307	9.0	8 53.62	0.7998	.0318	66 39 33.2	13.613	.091	3	19.8	66 174
334	308	8.7	9 31.05	0.7806	.0325	66 46 51.7	13.573	.089	3	19.9	66 175
335	309	8.0	9 34.29	0.6641	.0374	67 47 17.9	13.570	.077	4	20.2	67 211
336	310	8.3	3 10 22.74	+0.5681	+0.0416	−68 29 53.8	+13.518	−0.067	4	20.2	68 197
337	311	9.2	11 1.30	0.7518	.0334	66 54 56.0*	13.476	.087	2	19.8	67 212
338	312	8.5	11 1.48	0.3437	.0525	70 4 30.5	13.476	.043	4-5	20.9	70 214
339	313	8.8	12 9.38	0.5374	.0425	68 35 53.7	13.402	.064	4	20.2	68 198
340	315	8.9	12 38.09	0.4391	.0470	69 17 36.7	13.371	.053	4	20.2	69 180
341	314	8.4	3 12 39.19	+0.8253	+0.0301	−66 6 27.4	+13.370	−0.095	3	19.9	66 180
342	316	8.7	13 15.41	0.7294	.0338	66 55 57.8	13.331	.085	3	19.8	67 215
343	317	7.4	14 32.92	0.3084	.0530	70 3 31.4	13.246	.039	4	20.2	70 217
344	318	9.2	16 5.84	0.7174	.0337	66 48 45.3	13.144	.085	3	19.8	66 183
345	320	8.8	16 37.57	0.0356	.0669	71 35 24.9	13.109	.009	4	20.2	71 199
346	321	8.1	3 17 4.67	+0.5109	+0.0423	−68 25 57.1	+13.079	−0.062	4	20.1	68 203
347	319	6.8	17 7.41	0.6636	.0356	67 11 56.3	13.076	.079	4	20.2	67 217
348	323	8.8	17 35.25	0.1672	.0591	70 45 5.4	13.045	.024	6	20.6	70 226
349	322	7.6	18 1.67	0.7732	.0310	66 9 25.6	13.016	.091	3	19.8	66 184
350	325	8.9	18 8.97	0.2449	.0548	70 13 30.6	13.008	.033	3-4	20.9	70 222

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
351	324	7.5	3h18m10s.05	+0s.7893	+0s.0304	—65°59′55″.1	+13″.007	—0″.093	4	20.2	66° 185
352	327	7.9	19 35.64	−0.0200	.0685	71 42 42.1	12.912	.003	3	19.9	71 202
353	326	7.7	19 35.67	+0.7709	.0308	66 3 22.0	12.912	.091	4	20.2	66 188
354	328	7.8	20 27.82	0.4288	.0450	68 48 9.5	12.853	.053	4	20.1	68 206
355	330	8.7	21 28.11*	0.4277	.0447	68 44 24.9	12.786	.053	4	20.2	68 207
356	329	8.1	3 21 29.01	+0.7559	+0.0310	—66 2 52.3	+12.785	—0.090	3	20.3	66 189
357	331	8.7	21 53.15	0.7770	.0301	65 49 19.2*	12.758	.093	4	20.2	66 190
358	332	8.9	22 42.71	0.3762	.0466	69 1 31.4*	12.702	.048	3	20.3	69 189
359	333	8.9	23 1.71	0.6134	.0362	67 10 41.9	12.681	.075	3	19.9	67 223
360	334	9.0	23 5.29	0.3998	.0454	68 49 47.7*	12.676	.051	4	20.1	69 190
361	335	6.6	3 23 42.50	+0.2397	+0.0528	—69 53 16.9	+12.634	—0.032	4	20.2	70 230
362	336	8.6	24 19.17	0.4202	.0441	68 35 50.0	12.593	.053	4	20.2	68 210
363	337	8.8	24 50.48	0.3636	.0465	68 58 11.1	12.557	.047	3	20.3	69 191
364	338	8.8	25 12.74	0.6456	.0344	66 44 51.6	12.532	.079	4	20.1	66 192
365	339	6.5	25 14.63	0.2783	.0508	69 35 55.2	12.530	.036	6	20.9	69 192
366	340	8.7	3 25 39.46	+0.5032	+0.0401	—67 52 38.3	+12.501	—0.063	3	19.9	68 213
367	—	9.1	29 0.07	0.7281	.0305	65 44 30.6	12.272	.089	3	20.9	65 244
368	341	9.0	29 1.87	0.5254	.0382	67 28 14.0	12.270	.066	3	20.3	67 234
369	341b	8.9	29 40.81	0.4783	.0400	67 47 42.6	12.225	.060	4	20.2	67 235
370	343	8.9	30 0.57	0.3879	.0437	68 27 6.1	12.202	.050	3	19.9	68 216
371	342	(5.8)	3 30 5.13	+0.6053	+0.0348	—66 44 36.3	+12.197	—0.075	4	20.2	66 195
372	344	8.3	30 20.18	0.6267	.0339	66 32 40.9*	12.179	.078	3-4	20.3-20.4	66 196
373	345	8.2	31 7.68	0.6941	.0313	65 53 52.5	12.124	.086	3	20.9	66 197
374	346	8.9	31 16.53	0.6867	.0315	65 57 9.3	12.114	.085	4	20.2	66 198
375	—	8.2	31 20.29	0.7180	.0304	65 39 58.1	12.109	.088	3	20.9	65 250
376	347	7.6	3 32 2.79	+0.5606	+0.0360	—66 58 49.8	+12.060	—0.070	3	20.3	67 236
377	348	8.4	32 23.98	0.4714	.0395	67 40 5.3	12.035	.060	4	20.1	67 237
378	349	8.6	33 3.79	0.1111	.0552	70 7 12.9	11.989	.018	5	20.9	70 240
379	351	8.8	33 15.19	0.2417	.0490	69 16 3.6	11.976	.033	3	19.9	69 197
380	350	7.1	33 33.46	0.6621	.0319	66 0 47.0	11.954	.082	3	19.9	66 199
381	352	8.8	3 33 52.66	+0.2833	+0.0469	—68 56 43.8*	+11.932	—0.038	3	20.3	69 199
382	353	(8.8)	34 32.59	0.3986	.0418	68 4 50.5	11.885	.052	2	20.4	68 221
383	354	8.7	34 44.08*	0.3930	.0420	68 6 34.8	11.871	.051	4	20.2	68 222
384	355	9.0	34 53.19	0.3196	.0450	68 37 48.7	11.861	.043	3	20.3	68 223
385	356	8.9	34 59.22	0.1109	.0544	70 0 26.6	11.854	.018	3	19.9	70 243
386	357	8.8	3 35 36.78	+0.1941	+0.0502	—69 26 20.4	+11.810	—0.028	3	19.9	69 202
387	358	8.1	36 32.63	0.2976	.0454	68 40 57.1	11.743	.040	4	20.2	68 224
388	359	8.8	36 46.93	+0.5480	.0353	66 46 8.6	11.727	— .070	4	20.1	66 200
389	—	8.6	38 19.28	−0.2793	.0724	72 0 8.7	11.617	+ .028	5	20.9	72 253
390	360	8.9	39 23.12	+0.4390	.0387	67 28 10.6	11.541	— .057	4	20.2	67 246
391	362	(8.3)	3 39 51.84	−0.1671	+0.0656	—71 20 19.3	+11.507	—0.015	3	20.2	71 214
392	361	9.0	40 3.94	+0.3481	.0421	68 6 28.3	11.492	.046	4	20.2	68 231
393	363	8.1	40 49.32	0.5228	.0352	66 42 54.9	11.438	.067	4	20.1	66 203
394	365	9.0	40 52.44	0.2461	.0460	68 46 45.3	11.434	.034	3	20.3	68 232
395	364	9.0	40 56.95	0.4904	.0363	66 58 6.8	11.429	.064	4	20.2	67 248
396	366	8.9	3 41 12.97	+0.2970	+0.0438	—68 24 21.9	+11.410	—0.040	3	20.9	68 233
397	368	8.9	43 22.98	0.0473	.0536	69 55 19.0	11.254	.010	2	19.9	70 250
398	369	8.6	43 30.50	0.0130	.0552	70 7 21.2	11.244	.006	3	20.0	70 251
399	367	8.5	43 41.22	+0.4739	.0362	66 55 54.5	11.232	— .062	2-3	19.9	67 253
400	—	9.2	43 56.00	−0.3366	.0720	72 0 8.4	11.214	+ .036	3	20.9	72 258

Nº	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Nº Obs.	Ep.	C. P. D.
401	370	(8.8)	3h44m 6s.03	−0s.1891	+0s.0644	−71°14′ 9″.3	+11″.202	+0″.018	3	19.9	71° 217
402	371	9.0	44 20.82	0.0115	.0559	70 13 23.5	11.184	— .003	4	20.2	70 252
403	372	(7.6)	44 46.74*	0.0211	.0561	70 15 24.5	11.152	.002	2	20.9	70 254
404	373	7.7	45 1.82	0.0228	.0561	70 15 14.1	11.134	— .002	5	20.4	70 255
405	—	8.8	45 11.15	0.3355	.0712	71 56 6.8	11.123	+ .036	3	20.9	72 261
406	375	8.8	3 45 12.72	−0.2174	+0.0652	−71 19 45.5	+11.121	+0.022	4	20.2	71 221
407	376	9.0	45 26.22	+0.0558	.0524	69 45 31.5	11.105	— .011	4	20.2	69 209
408	374	7.7	45 38.52	+0.4838	.0353	66 44 2.9	11.090	— .063	3	19.8	66 215
409	—	7.0	45 46.23	−0.3319	.0707	71 53 25.2	11.080	+ .036	4	20.9	72 262
410	377	8.8	46 16.30*	+0.4401	.0367	67 2 34.8	11.044	— .058	3	19.9	67 255
411	378	8.8	3 46 35.41	+0.0592	+0.0517	−69 40 32.5	+11.020	−0.012	4	20.2	69 210
412	379	7.6	47 41.50	−0.0233	.0548	70 7 0.5	10.940	— .002	4	20.2	70 257
413	380	9.0	47 51.22	0.2084	.0633	71 8 58.3	10.928	+ .021	3	20.9	71 222
414	381	9.0	48 4.93	0.3398	.0697	71 48 55.5	10.911	.037	2-3	20.9	71 225
415	382	7.6	48 44.40	−0.1138	.0585	70 35 9.2	10.863	+ .009	4	20.2	70 259
416	383	8.3	3 50 0.07	+0.4722	+0.0350	−66 34 9.3	+10.770	−0.063	3	19.9	66 223
417	384	8.7	50 15.34	0 0877	.0490	69 18 9.2	10.751	.015	2	22.0	69 215
418	385	9.0	51 49.06	0.5109	.0327	66 8 53.1	10.636	.068	4	20.2	66 225
419	386	9.0	52 5.73	0.3964	.0365	67 2 44.7	10.615	.054	3	20.2	67 268
420	387	8.9	52 11.86	0.0362	.0503	69 31 26.3*	10.607	.009	3	19.9	69 216
421	388	9.3	3 52 50.46	+0.4315	+0.0351	−66 43 48.7	+10.560	−0.058	4	20.2	66 227
422	389	8.8	52 59.71	+0.4838	.0333	66 18 11.6	10.548	.064	3	20.2	66 229
423	390	8.8	53 3.06	−0.0273	.0526	69 52 1.3	10.544	— .001	4	20.2	70 266
424	391	9.0	53 23.73	−0.1206	.0565	70 23 35.4	10.518	+ .011	2-3	19.9	70 267
425	392	9.0	53 46.11	+0.3044	.0393	67 38 30.4	10.491	— .042	4	20.2	67 271
426	393	8.3	3 54 19.86*	+0.4288	+0.0348	−66 40 5.4	+10.449	−0.058	4	20.2	66 232
427	394	8.9	57 29.67*	+0.3566	.0363	67 3 15.4	10.211	— .049	3	19.9	67 276
428	395	8.7	57 48.69	−0.0449	.0512	69 44 18.3	10.188	+ .001	3	20.0	69 229
429	396	7.8	58 16.01	+0.4736	.0322	66 5 33.4	10.153	— .064	3	20.3	66 240
430	397	8.7	58 23.73	0.1385	.0438	68 33 18.6	10.144	.022	3	20.9	68 241
431	398	8.5	3 59 49.20	+0.4266	+0.0333	−66 23 15.1	+10.036	−0.058	3	19.9	66 244
432	399	7.0	4 1 9.27	−0.3624	.0634	71 22 30.0	9.935	+ .043	4	20.5	71 234
433	400	8.2	2 33.92	+0.0144	.0468	69 9 8.1	9.828	— .006	4	20.2	69 234
434	401	8.6	2 39.54	−0.2127	.0558	70 28 37.5	9.820	.023	4	20.5	70 274
435	402	9.3	4 49.45	+0.4438	.0314	65 59 26.7	9.655	.061	4	20.5	66 255
436	403	9.0	4 5 37.77	−0.0823	+0.0491	−69 36 1.3	+ 9.593	−0.007	3	20.3	69 236
437	404	8.6	6 6.39	+0.1794	.0395	67 54 15.2	9.556	— .027	4	20.2	68 244
438	405	7.7	6 13.78	−0.1680	.0522	70 4 15.4	9.547	+ .018	5	21.0	70 276
439	408	9.0	6 41.05	−0.0665	.0481	69 27 35.9	9.512	+ .004	3	20.4	69 239
440	406	8.8	6 50.79	+0.2502	.0369	67 22 8.1	9.499	— .036	4	20.5	67 287
441	407	8.2	4 7 1.21	+0.3469	+0.0338	−66 38 33.8	+ 9.486	−0.049	4	20.3	66 257
442	—	8.0	7 35.64	+0.4531	.0304	65 46 25.6	9.442	— .062	5	21.0	65 305
443	409	9.0	7 46.89	−0.0396	.0466	69 14 53.8	9.427	+ .001	4	20.5	69 240
444	410	8.5	8 27.86	+0.0121	.0444	68 53 51.5	9.375	— .006	4	20.5	69 242
445	411	8.6	9 10.48	+0.3851	.0320	66 14 28.6	9.320	.054	4	20.3	66 259
446	413	8.7	4 9 11.06	−0.5336	+0.0657	−71 50 13.3	+ 9.319	−0.065	3	20.4	71 249
447	412	9.0	9 42.90	+ .2101	.0372	67 31 13.6	9.278	— .031	3-4	(20.6-20.2)	67 290
448	414	9.0	10 55.54	— .4842	.0625	71 32 1.1	9.183	+ .059	4	20.2	71 250
449	415	8.3	11 40.78	+ .2949	.0340	66 48 49.1	9.125	— .042	3-4	(20.7-20.5)	66 264
450	416	8.8	11 44.28	+ .1644	.0380	67 44 51.7	9.121	— .025	4	20.3	67 292

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec	N° Obs.	Ep.	G. P. D.
451	417	8.9	4h11m53ṣ50	−0ṣ3705	+0ṣ0573	−70°55′44″6	+ 9″109	+0″044	4	21.0	71° 251
452	—	8.9	12 30.66	+0.4201	.0301	65 48 8.5	9.060	− .058	3	21.0	65 317
453	418	8.2	13 23.36	−0.0893	.0459	69 18 31.2	8.992	+ .008	4	21.0	69 252
454	421	7.4	13 37.00	−0.3221	.0544	70 36 32.5	8.974	+ .038	4	20.2	70 287
455	419	9.0	13 48.87	+0.2660	.0342	66 55 52.4	8.958	− .039	3	20.0	67 296
456	420	8.8	4 13 58.84	+0.2144	+0.0357	- 67 17 50.1	+ 8.946	−0.032	3	20.3	67 297
457	422	8.8	14 35.39	−0.1694	.0482	69 43 44.4	8.898	+ .018	4	21.0	69 253
458	425	8.7	14 59.37	0.3971	.0566	70 56 43.0	8.866	.048	3	21.0	71 256
459	423	9.0	15 2.21	−0.0366	.0434	68 55 11.0	8.863	+ .001	4	20.5	69 254
460	424	8.7	15 22.33	+0.3270	.0319	66 24 9.9	8.836	− .046	4	20.3	66 267
461	427	8.8	4 15 40.04	−0.4769	+0.0594	−71 19 5.6	+ 8.813	+0.059	4	20.2	71 257
462	426	8.4	16 5.56	+0.3626	.0307	66 5 39.7	8 780	− .051	4	20.2	66 269
463	—	8.8	16 18.69	0.3970	.0296	65 48 43.7	8.763	.055	2	21.0	65 323
464	428	8.1	16 24.67	0.2595	.0335	66 51 47.7	8.755	— .038	3-4	20.4-20.3	66 270
465	430	7.5	17 0.74	−0.2179	.0488	69 54 33.1	8.707	+ .025	4	21.0	70 290
466	429	8.7	4 17 13.86	+0.3819	+0.0298	−65 53 27.8	+ 8·690	- 0.054	4	21.0	66 271
467	431	8.5	17 22.39	0.1086	.0378	67 53 4.1	8.679	.018	4	20.3	68 250
468	432	8.4	18 49.91	+0.3406	.0305	66 8 41.0	8.564	− .048	4	20.2	66 272
469	433	9.0	18 53.20	−0.0610	.0426	68 54 50.5	8.559	+ .004	4	20.2	69 263
470	434	8.7	19 20.17	0.2284	.0481	69 52 44.4	8.524	.027	3-4	20.0-20.3	69 264
471	435	(8.8)	4 19 55.24	−0.1313	+0.0445	−69 17 49.9	+ 8.478	+0.014	4	21.0	69 265
472	436	8.0	20 3.66	0.0625	.0421	68 52 38.9	8.466	.005	4	20.3	68 253
473	438	8.9	20 11.69	−0.1805	.0460	69 34 28.3	8.456	+ .020	3	21.0	69 266
474	437	8.3	20 29.77	+0.2957	.0312	66 24 59.9	8.432	− .043	4	21.0	66 276
475	440	8.0	20 46.07	−0.3765	.0526	70 37 30.5	8.410	+ .046	3	21.0	70 294
476	439	9.0	4 20 53.68	+0.0274	+0.0389	−68 16 38.5	+ 8.400	−0.007	3	21.0	68 256
477	442	8.3	21 42.18	−0.2285	.0469	69 47 24.9	8.336	+ .027	3	20.0	69 268
478	443	9.0	21 58.05	−0.2760	.0484	70 2 39.7	8.315	+ .033	4	20.5	70 296
479	441	8.9	22 8.85	+0.3529	.0292	65 54 18.7	8.301	− .050	4	20.3	66 280
480	444	8.9	22 51.40	+0.3334	.0295	66 1 41.0	8.244	− .048	4	20.2	66 282
481	—	8.9	4 22 58.16	−0.6600	+0.0620	−71 55 26.5	+ 8.235	+0.084	5	21.0	72 298
482	445	7.2	23 38.63	+0.2115	.0326	66 54 31.8	8.181	− .032	5	20.4	67 316
483	447	8.4	24 41.51	−0.1388	.0426	69 9 45.4	8.098	+ .015	4	20.3	69 273
484	446	8.4	25 2.61	+0.3280	.0290	65 58 47.8	8.069	− .047	5	20.4	66 285
485	448	8.7	25 20.31	−0.2108	.0446	69 33 27.4	8·046	+ .025	4	20.2	69 275
486	—	8.3	4 25 54.26	+0.3443	+0.0284	−65 49 1.8	+ 8.000	-0.049	4	20.5	65 339
487	449	8.1	26 6.46	−0.3244	.0480	70 9 37.5*	7.984	+ .040	3	20.3	70 300
488	450	8.7	27 41.23	+0.0048	.0370	68 9 48.3	7.857	— .004	4	20.2	68 266
489	451	8.9	27 49.01	-0.2934	.0454	69 55 7.1	7.847	+ .036	4	20.3	70 304
490	—	7.8	27 55.68	+0.3261	.0282	65 52 40.5	7.838	− .046	4	21.0	65 344
491	—	9.0	4 27 58.21	+0.3261	+0.0282	−65 52 35.5	+ 7.835	−0.046	3	21.0	65 345
492	452	9.0	28 41.58	0.1556	.0324	67 6 36.2	7.776	.024	4	20.3	67 321
493	453	8.7	29 11.97	+0.1914	.0319	66 50 13.0	7.735	.029	4	20.5	66 293
494	454	8.5	29 23.65	−0.2743	.0447	69 46 24.5	7.720	.034	2	20.0	69 277
495	455	8.0	30 6.35	+0.0093	.0359	68 2 47.4	7.662	.004	3	20.0	68 268
496	456	8.8	4 30 23.31	+0.2785	+0.0287	−66 8 49.8	+ 7.639	−0.041	4	20.5	66 296
497	457	8.9	30 32.94	−0.4270	.0490	70 33 3.2	7.626	+ .054	5	21.0	70 307
498	459	9.1	32 57.52	−0.2506	.0422	69 31 20.8	7.431	+ .031	4	20.3	69 279
499	458	8.8	33 2.09	+0.0803	.0329	67 28 18.4	7.425	− .014	3	20.3	67 327
500	461	8.8	33 37.66	−0.5463	.0512	71 3 3.7	7.377	+ .071	4	20.5	71 273

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
501	460	8.6	4h34m 7s.60	+0s.2338	+0s.0286	−66°20′41″.4	+ 7″.336	−0″.035	4	20.2	66° 303
502	462	8.9	34 17.40	+0.0776	.0325	67 26 45.5	7.323	− .014	4	21.0	67 330
503	463	8.9	35 7.57	−0.2127	.0401	69 14 8.0	7.255	+ .026	5	20.4	69 282
504	464	8.8	35 34.12	+0.1272	.0308	67 3 36.8	7.219	− .020	5	20.4	67 331
505	465	9.0	35 51.31	−0.0756	.0359	68 23 22.3	7.195	+ .007	3-4	(20.4-20.3)	68 270
506	467	8.8	4 36 33.90	+0.0756	+0.0317	−67 22 55.3	+ 7.137	−0.013	3	21.0	67 333
507	466	9.0	36 34.15	0.1900	.0289	66 34 46.2	7.137	.029	4	20.2	66 307
508	468	9.0	37 21.16	+0.2287	.0278	66 16 5.2	7.073	− .034	3	21.0	66 309
509	470	8.9	37 21.64	−0.7396	.0553	71 50 30.2	7.072	+ .098	4	20.5	71 275
510	469	8.6	37 21.84	+0.1816	.0288	66 36 41.6	7.072	− .028	4	20.3	66 310
511	471	8.9	4 37 49.08*	−0.4064	+0.0444	−70 13 6.1	+ 7.035	+0.052	3-4	(20.4-20.3)	70 312
512	472	8.1	38 25.65	0.1831	.0378	68 57 27.0	6.985	.022	4	20.2	69 284
513	474	8.1	39 10.94	−0.2992	.0406	69 35 56.8	6.922	+ .038	5	20.4	69 286
514	473	9.0	39 11.71	+0.2343	.0270	66 9 50.3	6.922	− .035	4	20.2	66 312
515	—	8.5	39 21.33	+0.2802	.0260	65 48 38 9	6.909	− .041	5	21.0	65 365
516	476	8.0	4 40 51.51	−0.7176	+0.0523	−71 38 49.6	+ 6.785	+0.096	5	20.4	71 278
517	477	9.1	41 15.61	−0.5810	.0478	70 59 53.6	6.752	+ .077	4	20.0	71 279
518	475	8.1	41 28.13	+0.1018	.0293	67 2 25.0	6.735	− .017	4	20.3	67 340
519	478	8.3	41 46.13	−0.1647	.0358	68 44 50.2	6.710	+ .020	5	20.4	68 271
520	480	8.9	42 45.94	+0.0215	.0308	67 32 38.0	6.628	− .006	4	20.2	67 342
521	479	8.8	4 42 50.52	+0.1482	+0.0278	−66 40 13.6	+ 6.622	−0.023	3	20.0	66 317
522	481	9.0	42 53.74	−0.2507	.0375	69 12 58.7	6.617	+ .032	4	20.5	69 289
523	484	8.7	43 17.98	−0.7290	.0510	71 38 1.9	6.584	+ .098	3	21.0	71 281
524	482	8.5	43 23.15	+0.1160	.0284	66 52 52.6	6.577	− .019	2-3	20.0	66 319
525	483	8.8	43 37.42	+0.1069	.0285	66 56 14.1	6.557	− .017	2	21.0	67 343
526	485	(5.9)	4 43 48.23	−0.6100	+0.0471	−71 4 7.4	+ 6.542	+0.081	F	(20.5-20.4)	71 282
527	486	8.7	45 12.61	−0.0849	.0323	68 9 24.0	6.426	+ .009	4	21.0	68 272
528	487	7.5	45 43.14	+0.1991	.0258	66 12 44.4	6.384	− .030	3	21.0	66 320
529	488	8.8	45 43.83	+0.1376	.0271	66 39 22.5	6.383	− .022	4	20.3	66 321
530	491	9.2	46 35.29	−0.4681	.0415	70 17 33.5	6.311	+ .062	6	20.3	70 316
531	490	9.0	4 46 42.55	−0.2102	+0.0347	−68 52 26.1	+ 6.301	+0.026	4	20.2	68 276
532	492	7.3	46 50.02	−0.1778	.0339	68 40 41.8	6.291	+ .022	4	21.0	68 277
533	489	8.9	46 50.98	+0.2044	.0253	66 8 17.3	6.290	− .031	4	20.5	66 322
534	493	9.2	47 14.57	+0.1874	.0255	66 15 3.6	6.257	− .029	3	21.0	66 326
535	495	8.5	47 26.62	−0.6659	.0465	71 14 20.8	6.240	+ .090	4	20.3	71 284
536	494	9.0	4 47 39.06	+0.0246	+0.0289	−67 22 35.2	+ 6.223	−0.006	3	20.3	67 348
537	496	9.0	48 9.70	+0.1343	.0263	66 36 22.9	6.181	− .021	4	21.0	66 328
538	497	8.9	48 13.94	−0.2210	.0343	68 53 41.3	6.175	+ .028	4	20.5	68 278
539	498	8.9	48 57.90	+0.1194	.0264	66 41 19.5	6.114	− .019	4	20.2	66 329
540	499	7.8	49 1.20	−0.0524	.0301	67 50 27.2	6.109	− .005	4	20.3	67 352
541	500	8.0	4 49 31.12	−0.5012	+0.0408	−70 23 9.6	+ 6.068	+0.067	4	20.2	70 318
542	502	7.8	51 15.20	0.4262	.0379	69 57 18.9	5.923	.057	4	20.3	70 321
543	501	7.3	51 29.72	−0.1192	.0306	68 11 38.7	5.903	+ .014	4	20.2	68 280
544	503	9.1	52 36.24	+0.0196	.0272	67 16 18.8	5 810	− .005	4	20.3	67 356
545	504	8.7	52 49.77	−0.3535	.0353	69 31 30.9	5.791	+ .047	4	20.3	69 300
546	505	7.8	4 53 23.25	+0.0864	+0.0255	−66 47 43.1	+ 5.744	−0.014	4	20.2	66 338
547	506	8.9	53 40.96	−0.7988	.0462	71 41 44.4	5.720	+ .109	4	20.5	71 295
548	507	8.7	54 20.43	−0.0073	.0271	67 24 14.7	5.664	− .001	4	20.2	67 360
549	508	9.0	55 9.75	+0.0074	.0265	67 17 10.4	5.595	− .003	4	20.3	67 364
550	509	8.7	56 25.61	−0.1795	.0298	68 26 14.3	5.489	+ .023	4	20.2	68 294

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec	N° Obs.	Ep.	G. P. D.
551	511	7.3	4h57m40s.12	−0s.6736	+0s.0404	−71° 2′16″.9	+ 5″.385	+0″.093	4	20.2	71° 301
552	510	9.1	58 6.28	+0.1288	.0231	66 22 18.6	5.348	— .020	4	20.3	66 349
553	513	9.0	58 44.44	+0.0599	.0242	66 50 24.2	5.294	— .011	4	20.5	66 351
554	514	8.7	58 45.16	−0.5191	.0361	70 15 36.4	5.293	+ .071	4	20.5	70 339
555	512	9.0	58 46.97	+0.1346	.0228	66 18 49.9	5.291	— .021	4	20.3	66 350
556	515	8.4	5 0 9.36	−0.2369	+0.0293	−68 41 26.1	+ 5.175	+0.031	5	21.0	68 300
557	516	8.6	0 55.14	0.3754	.0318	69 27 26 0	5.110	.051	5-6	20.4-20.5	69 320
558	517	9.0	1 23.80	0.0569	.0253	67 33 14.9	5.070	.006	4	20.2	67 380
559	518	8.2	1 25.56	0.6255	.0370	70 43 51.3	5.067	.086	4	20.0	70 350
560	520	8.7	2 4.47	−0.4064	.0319	69 36 1.8	5.013	+ .055	3	21.0	69 321
561	519	9.0	5 2 20.08	+0.0500	+0.0231	−66 49 17.4	+ 4.991	−0.009	3-4	(20.4-20.3)	66 364
562	521	8.5	2 50.40	−0.1237	.0260	67 56 48.2	4.948	+ .015	4	20.2	68 305
563	522	(7.9)	3 40.65	0.7824	.0392	71 25 1.2	4.877	.109	F	(20.5)	71 309
564	524	8.4	5 14.90	0.3092	.0284	68 59 53.0	4.743	.042	4	20.8	69 327
565	523	8.3	5 18.60	0.1711	.0258	68 11 7.5	4.738	.022	4	20.0	68 311
566	525	9.0	5 5 25.17	−0.4574	+0.0312	−69 48 13.5	+ 4.729	+0.063	5	21.0	69 329
567	527	8.9	6 5.38	−0.1410	.0250	67 59 2.2	4.672	— .018	5	20.2	68 314
568	526	8.7	6 10.40	+0.1450	.0202	66 3 49.6*	4.665	— .022	4	20.3	66 374
569	528	8.6	6 14.94	−0.2293	.0265	68 30 54.1	4.658	+ .031	4	20.5	68 315
570	529	7.9	8 5.18	0.7884	.0364	71 21 48.0	4.502	+ .110	5	20.6	71 315
571	530	9.0	5 8 42.22*	−0.2468	+0.0257	−68 34 10.9	+ 4.449	+0.033	4	20.5	68 321
572	531	9.0	8 53.55	−0.0367	.0221	67 15 40.9	4.433	+ .003	4	20.5	67 392
573	532	9.2	9 2.65	+0.1083	.0198	66 15 57.7	4.420	— .017	4	20.3	66 378
574	534	9.0	9 53.32	−0.3704	.0273	69 15 2.1	4.348	+ .051	4	20.0	69 334
575	533	7.9	9 58.60	+0.0704	.0201	66 30 50.4	4.340	— .012	4	20.7	66 380
576	535	8.0	5 9 59.95	−0.4743	+0.0291	−69 48 23.1	+ 4.338	+0.066	5	21.0	69 336
577	536	8.9	11 10.80	+0.0289	.0203	66 46 36.2	4.238	— .006	3-4	(20.3-20.5)	66 382
578	537	8.1	12 1.03	−0.4481	.0276	69 37 57.7	4.166	+ .062	4	20.0	69 340
579	538	(6.3)	13 48.51	0.0525	.0205	67 16 11.2	4.013	.006	F	(20.6)	67 401
580	539	8.6	13 49.85	0.1850	.0224	68 6 18.1	4.011	.025	2	20.0	68 335
581	541	8.7	5 15 21.90	−0.8648	+0.0331	−71 35 5.0	+ 3.879	+0.122	4	20.8	71 325
582	540	8.7	15 22.00	0.6607	.0295	70 40 0.6	3.879	.093	4	21.0	70 377
583	542	8.8	16 30.05	0.2103	.0217	68 12 45.7*	3.782	.029	4	20.2	68 340
584	545	8.7	16 49.60	0.6414	.0283	70 32 9.3	3.754	.090	3	21.0	70 381
585	543	8.9	16 52.77	0.1157	.0202	67 37 20.3	3.749	.015	4	20.3	67 410
586	544	8.8	5 16 59.66	−0.2205	+0.0216	−68 15 56.2	+ 3.739	+0.030	4	20.0	68 341
587	546	9.1	17 27.68	0.4709	.0252	69 39 52.8	3.699	.066	3	20.7	69 349
588	547	9.0	17 42.61	0.2705	.0220	68 32 57.0	3.678	.037	5	21.0	68 345
589	548	7.8	17 57.07	0.2919	.0222	68 40 10.7	3.657	.040	2	21.0	68 347
590	549	9.1	18 20.28	0.2520	.0215	68 25 53.7	3.624	.035	4	20.3	68 348
591	550	8.6	5 18 22.90	−0.2710	+0.0217	−68 32 30.2	+ 3.620	+0.038	4	20.0	68 350
592	551	8.2	18 30.99	−0.8804	0.313	71 36 27.2	3.608	+ .125	4	20.2	71 330
593	552	9.0	19 25.89	+0.1109	.0164	66 3 10.5	3.530	— .017	4	21.0	66 396
594	553	8.3	19 45.93	0.0444	.0170	66 30 58.4	3.501	.008	4	20.5	66 397
595	555	9.1	19 52.53	0.0202	.0173	66 40 50.0	3.491	.004	4	20.0	66 400
596	554	7.9	5 19 52.82*	+0.0989	+0.0164	−66 7 53.8	+ 3.491	−0.016	4	20.0	66 399
597	—	9.0	20 51.30	+0.1328	.0156	65 52 18.4	3.407	— .020	4	21.0	65 457
598	557	9.2	21 2.09	−0.7116	.0269	70 48 39.5	3.392	+ .101	3	21.0	70 384
599	558	8.6	21 10.06	0.7601	.0276	71 2 5.5	3.380	.108	3	21.0	71 333
600	556	8.6	21 10.39	0.1964	0.195	68 3 18.8	3.381	.027	3	20.0	68 360

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
601	559	8.8	5h21m35s.16	−0s.8892	+0.0293	−71°36′17″.9	+ 3″.344	+0″.126	4	20.2	71° 334
602	560	8.9	22 22.97	0.2141	.0192	68 8 39.5	3.275	.029	4	20.0	68 363
603	561	9.0	22 31.01	0.6801	.0255	70 38 32.4	3.264	.096	4	20.0	70 386
604	562	8.9	23 15.36	0.2140	.0188	68 7 53.2	3.200	.030	4-5	20.8-20.6	68 365
605	563	7.8	23 31.10	0.8878	.0280	71 34 31.0	3.177	.126	4	20.2	71 335
606	565	8.3	5 25 18.32	−0.2076	+0.0179	−68 3 56.1	+ 3.023	+0.029	4	20.0	68 369
607	564	8.7	25 20.14	+0.0822	.0147	66 10 1.1	3.020	− .013	4	20.0	66 412
608	—	8.0	25 43.14	0.1320	.0141	65 48 15.6	2.987	.020	4	21.0	65 469
609	566	8.8	26 1.53*	+0.0321	.0150	66 30 31.4	2.960	— .006	3	20.3	66 413
610	567	9.0	26 15.10	−0.4926	.0209	69 39 29.7	2.941	+ .070	3-4	20.4-20.3	69 373
611	568	9.1	5 26 39.79	−0.1809	+0.0170	−67 53 4.0	+ 2.905	+0.025	4	20.8	67 436
612	570	8.5	27 22.06	0.5862	.0214	70 7 27.3	2.845	.083	4	21.0	70 393
613	569	7.1	27 23.24	0.3169	.0182	68 40 54.7	2.843	.045	4	20.0	68 375
614	571	9.0	28 4.77	0.1466	.0160	67 39 14.1*	2.783	.020	3	20.0	67 442
615	574	8.9	28 32.04	0.8324	.0239	71 16 29.4	2.744	.119	4	20.3	71 344
616	572	8.0	5 29 6.74	−0.0065	+0.0143	−66 44 35.6*	+2.693	0.000	3	21.0	66 418
617	576	8.9	29 10.63	−0.8070	.0231	71 9 14.2	2.687	+ .115	4	20.0	71 345
618	573	8.9	29 12.18	+0.0022	.0142	66 40 15.0	2.686	— .001	4	21.0	66 419
619	575	8.0	29 22.64*	+0.0276	.0138	69 29 42.2	2.670	— .005	3-2	20.3-20.5	66 421
620	577	8.7	29 23.27	−0.7648	.0225	70 57 34.6	2.669	+ .109	4	21.0	70 398
621	578	9.1	5 29 58.99	−0.0761	+0.0146	−67 10 55.6	+ 2.617	+0.010	4	20.3	67 447
622	581	8.9	30 4.50	0.7492	.0218	70 52 51.2	2.610	.107	3	22.0	70 399
623	579	9.0	30 11.49	−0.1731	.0155	67 47 39.2	2.600	+ .024	4	20.0	67 449
624	580	8.8	30 41.18	+0.0105	.0135	66 35 48.4	2.557	— .002	4	20.8	66 425
625	583	8.6	30 43.16	−0.5748	.0194	70 1 46.8	2.554	+ .082	4	21.0	70 401
626	582	8.8	5 30 43.71	−0.5371	+0.0190	−69 50 18.7	+ 2.553	+0.077	3	21.0	69 384
627	584	8.9	31 37.70	0.0107	.0134	66 43 46.2	2.475	.001	2	20.0	66 426
628	585	8.4	31 43.49	0.7725	.0211	70 58 18.3	2.467	.111	4	20.0	71 346
629	587	9.0	32 37.75	−0.0742	.0136	67 8 23.5	2.388	+ .010	4	20.0	67 458
630	586	8.2	33 1.46	+0.0933	.0120	65 59 30.5	2.355	— .014	2	21.0	66 431
631	588	(9.0)	5 33 36.96	−0.7264	+0.0194	−70 44 24.7*	+ 2.303	+0.104	3	21.0	70 407
632	589	8.5	34 6.56	0.2113	.0144	67 59 10.0	2.260	.030	3	20.0	68 388
633	590	9.2	34 27.04	0.0664	.0128	67 4 10.9	2.230	.009	3	20.3	67 464
634	591	9.0	34 46.50	0.0485	.0126	66 56 54.0	2.202	.006	4-3	21.0-21.3	66 433
635	592	8.3	34 58.47	0.2570	.0142	68 15 6.4	2.184	.036	4	20.3	68 391
636	593	8.9	5 35 9.50	−0.1377	+0.0131	−67 31 15.7	+ 2.168	+0.019	4	21.0	67 473
637	594	8.7	35 19.65	0.4839	.0160	69 31 2.0	2.154	.069	4	21.0	69 396
638	595	9.0	35 52.96	0.2023	.0134	67 54 50.7	2.105	.029	3	20.0	67 475
639	596	8.6	36 3.04	0.9674	.0204	71 47 29.0	2.091	.139	4	21.0	71 354
640	598	8.1	36 16.67	0.8276	.0188	71 10 55.3	2.071	.119	3	20.3	71 355
641	599	8.2	5 36 30.24	−0.9515	+0.0199	−71 43 14.2	+ 2.051	+0.137	4	21.0	71 356
642	597	6.0	36 54.65	0.0000	.0114	66 36 8.6*	2.016	− .001	3	20.0	66 439
643	601	8.6	38 26.86	0.6757	.0160	70 27 34.2	1.882	+ .097	4	20.3	70 421
644	600	8.9	38 32.58	0.0964	.0115	67 13 35.9	1.874	.013	4	20.3	67 485
645	602	8.7	38 40.58	0.5830	.0151	70 0 2.8	1.862	.084	4	20.0	70 422
646	604	8.9	5 39 30.30	−0.5405	+0.0143	−69 46 43.4	+ 1.790	+0.078	5	20.6	69 467
647	603	8.5	39 40.78	0.0750	.0109	67 4 43.1	1.775	.010	4	20.5	67 486
648	605	8.8	40 5.29	0.9472	.0173	71 40 37.2	1.739	.137	5	21.0	71 365
649	608	7.8	41 41.63	0.3622	.0120	68 48 14.1	1.599	+ .052	4	20.0	68 418
650	606	8.9	41 52.21	0.0631	.0093	66 7 31.3	1.584	— .010	4	20.3	66 446

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
651	607	7.3	5h41m52ṣ52	−0ṣ1331	+0ṣ0104	−67°26′10″2	+ 1″584	+0″019	4	20.0	67° 492
652	609	8.6	42 28.22	0.3524	.0115	68 44 37.9	1.532	.051	5	20.4	68 420
653	610	7.7	42 47.88	0.0925	.0098	67 10 10.0	1.503	.013	5	21.0	67 496
654	611	8.7	43 36.26	0.3325	.0109	68 37 25.3	1.433	.048	4	20.5	68 428
655	612	8.2	43 55.79	0.2451	.0102	68 6 42.3	1.405	.035	3-4	20.0	68 431
656	613	(8.6)	5 45 23.73	−0.6310	+0.0117	−70 11 53.1	+ 1.276	+0.091	3	21.0	70 447
657	614	8.5	46 19.67	0.1853	.0089	67 44 5.2	1.195	.026	4	21.0	67 509
658	615	8.9	46 57.27	0.1405	.0084	67 27 7.4	1.140	.020	2-3	20.0	67 513
659	616	8.9	47 56.95	0.0245	.0076	66 41 29.4	1.054	.003	4	20.5	66 456
660	618	8.9	47 58.00	0.9450	.0119	71 37 35.6	1.052	.137	3	20.3	71 377
661	617	8.5	5 48 20.08	- 0.0192	+0.0074	−66 39 13.1	+ 1.018	+0.002	4	20.3	66 457
662	619	8.9	48 34.18	0.8057	.0108	71 0 39.2	0.999	.117	4	21.0	71 380
663	620	9.3	49 7.56	0.3009	.0082	68 24 50.2	0.951	.043	3	20.0	68 440
664	621	8.7	49 8.82	−0.6687	.0098	70 21 56.3	0.949	+ .097	3	20.0	70 451
665	622	8.9	49 57.38	+0.0033	.0067	66 29 39.8	0.878	— .001	4	21.0	66 461
666	623	(5.0)	5 49 58.19	−0.0602	+0.0069	−66 55 11.7	+ 0.877	+0.009	4	20.3	66 463
667	625	(8.9)	50 10.34	.05572	.0087	69 48 24.4	0.859	.081	4	21.0	69 529
668	624	8.5	50 25.82	0.0832	.0068	67 4 8.5	0.837	.012	4	20.5	67 516
669	626	8.8	50 39.17	0.5372	.0084	69 42 9.1	0.817	.078	3	20.0	69 530
670	627	8.7	51 2.95	0.3081	.0073	68 26 53.4	0.783	.045	4	20.2	68 442
671	628	9.0	5 51 26.35	−0.8887	+0.0092	−71 22 19.0	+ 0.749	+0.129	3	20.0	71 387
672	629	8.0	51 43.95	0.5798	.0079	69 55 1.1	0.723	.084	5	20.4	69 534
673	630	8.6	52 18.35	0.6975	.0080	70 29 40.0	0.673	.101	5	21.0	70 462
674	631	8.8	52 29.39	0.5603	.0075	69 48 56.6	0.657	.081	3-4	21.0	69 536
675	632	8.8	52 59.28	0.4038	.0067	68 59 0.8	0.613	.059	3	20.0	68 448
676	633	9.0	5 53 22.74	−0.3104	+0.0063	−68 27 18.3	+ 0.579	+0.045	3	20.0	68 449
677	634	(9.0)	53 59.96*	−0.7725	.0072	70 50 34.1	0.525	+ .112	3	21.0	70 467
678	—	(7.8)	54 50.33	+0.0871	.0049	65 53 36.3	0.451	— .012	3	21.0	65 523
679	—	8.8	54 51.63	+0.0763	.0049	65 58 13.2	0.450	— .011	3	21.0	65 524
680	635	8.5	55 41.78	−0.1646	.0050	67 34 27.3	0.376	+ .024	4	20.5	67 530
681	638	8.6	5 55 44.26	−0.7047	+0.0060	−70 31 17.8	+ 0.373	+0.103	3-4	20.2	70 472
682	636	8.0	55 56.30	0.2436	.0050	68 3 23.0	0.355	.035	4	20.3	68 456
683	637	8.9	56 6.83	0.0867	.0047	67 4 36.9	0.340	.012	3	20.0	67 531
684	639	8.7	56 14.60	0.1605	.0048	67 32 50.1	0.329	+ .023	3	20.0	67 532
685	640	8.7	56 51.20	+0.0265	.0043	66 18 59.4	0.275	— .004	4	21.0	66 478
686	641	8.8	5 57 22.18	−0.6582	+0.0050	−70 17 43.5	+ 0.230	+ .096	3	21.0	70 475
687	642	8.4	57 50.65	0.4981	.0045	69 29 1.9	0.189	.073	2	20.0	69 549
688	643	9.4	58 56.12*	0.8320	.0042	71 6 29.3	0.093	.121	4-5	21.0	71 403
689	644	8.6	59 14.35	0.5707	.0038	69 51 30.8	0.067	.083	3	20.3	69 554
690	646	8.5	59 25.51	0.8815	.0039	71 19 41.7	0.050	.128	4	20.3	71 404
691	645	9.0	5 59 53.39	−0.2090	+0.0033	−67 50 39.4	+ 0.010	+ 0.30	3	20.0	67 544
692	647	9.0	6 0 15.21	+0.0396	.0030	66 13 23.3	— 0.022	— .006	3	20.4	66 487
693	648	8.8	0 21.64	−0.8510	.0033	71 11 33.8	0.031	+ .124	3	20.1	71 407
694	649	9.0	1 35.55	0.9320	.0025	71 32 51.2	0.139	.136	2-3	20.6-20.4	71 408
695	650	8.5	2 3.71	0.6010	.0023	70 0 44.8	0.180	.088	4	20.1	70 480
696	651	8.5	6 2 30.93	−0.6205	+0.0020	−70 6 36.0	— 0.220	+0.091	4	20.1	70 481
697	—	8.2	3 5.46	1.0749	.0013	72 8 37.4	0.270	.157	4	21.1	72 443
698	653	9.0	3 11.55	0.8170	.0015	71 2 30.0	0.279	.119	2	20.6	71 410
699	652	7.6	3 17.29	0.1221	.0019	67 18 14.8	0.288	.018	3	20.4	67 549
700	654	9.0	3 29.23	0.4869	.0016	69 25 32.2	0.305	.071	3	20.0	69 563

Nº	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Nº Obs.	Ep.	C. P. D.
701	—	8.8	6h 5m 2s.37	+0s.0947	+0s.0015	−65°50′21″.6	− 0″.441	−0″.013	4	21.0	65° 546
702	655	6.3	6 4.07	+0.0682	.0011	66 1 44.6	0.531	.010	4	20.1	66 493
703	656	9.1	6 19.38	−0.6895	+ .0026	70 27 8.9	0.553	.100	4	20.1	70 486
704	657	8.9	6 32.36	0.4905	.0000	69 27 2.4	0.572	+ .072	3	19.7	69 571
705	659	8.6	6 54.40	0.4519	− .0001	69 14 44.9	0.604	.066	3	20.0	69 572
706	658	7.7	6 6 59.35	−0.1157	+0.0005	−67 16 15.9	− 0.611	+0.017	3	21.1	67 557
707	660	8.9	8 30.66	0.5317	− .0011	69 40 17.3	0.744	.078	5	20.1	69 575
708	661	(5.1)	9 13.08	0.3745	.0011	68 49 38.9	0.806	.055	3	20.1	68 474
709	662	8.8	9 31.60	−0.8277	.0026	71 6 13.3	0.833	+ .121	3	20.0	71 415
710	—	8.8	9 55.56	+0.0902	.0001	65 53 10.0	0.869	− .012	2	20.6	65 558
711	663	9.0	6 10 23.33	−0.6521	−0.0025	−70 16 59.7	− 0.908	+0.095	4	20.1	70 491
712	664	8.7	11 15.67	0.6646	.0031	70 20 50.5	0.985	.097	4	20.0	70 492
713	665	8.2	12 2.24*	0.5426	.0030	69 44 25.7	1.052	.080	4	20.1	69 580
714	666	8.5	13 12.30	0.4423	.0032	69 12 59.9	1.154	.065	3	21.1	69 582
715	669	9.1	13 12.88	0.9864	.0058	71 48 23.9	1.155	.144	4	21.0	71 422
716	670	9.2	6 13 38.70	−0.4666	−0.0036	−69 20 57.8	− 1.194	+0.068	4	20.3	69 584
717	667	7.8	13 42.37	−0.0180	.0018	66 39 23.2	1.198	+ .003	4	20.1	66 504
718	668	8.0	13 50.37	+0.0557	.0016	66 8 56.9	1.210	− .008	3	20.0	66 505
719	673	9.0	15 29.21	−0.4197	.0043	69 6 20.7	1.353	+ .062	2-3	20.6-21.1	69 587
720	671	7.5	15 36.48	+0.0408	.0022	66 15 50.8	1.364	− .005	3	19.7	66 507
721	674	9.1	6 15 42.82	−0.7062	−0.0058	−70 34 4.6	− 1.373	+0.103	4	20.0	70 501
722	672	8.8	15 45.06	0.0272	.0026	66 43 48.1	1.377	.004	4	20.1	66 509
723	675	8.0	16 5.70	0.9410	.0075	71 37 41.1	1.407	.138	4	20.1	71 425
724	676	7.3	16 17.96	0.9518	.0077	71 40 31.6	1.424	.139	5	20.9	71 426
725	677	7.7	17 12.46	0.4068	.0050	69 2 42.9	1.504	.060	5	20.1	69 590
726	678	8.0	6 18 52.26	−0.4198	−0.0059	−69 7 38.3	− 1.649	+0.062	4	20.1	69 593
727	679	8.6	19 17.58	+0.0789	.0033	66 1 20.6	1.686	− .011	4	19.8	66 516
728	—	8.6	19 33.17	−1.0491	.0107	72 5 54.7	1.708	+ .153	3	21.0	72 469
729	680	8.9	19 42.72	0.3593	.0060	68 47 51.9	1.722	.053	4	20.0	68 491
730	683	7.5	19 55.67	−0.5358	.0072	69 45 0.8	1.741	+ .079	3	22.1	69 598
731	681	8.8	6 20 8.62	+0.0089	−0.0040	−66 31 1.2	− 1.760	−0.001	4	20.1	66 522
732	682	9.0	20 21.74	+0.0312	.0039	66 21 54.1	1.778	− .004	3	21.1	66 523
733	684	8.8	20 41.14	−0.3315	.0062	68 38 49.8	1.807	+ .049	3	21.8	68 495
734	685	9.1	21 25.56	0.1464	.0054	67 32 40.9	1.871	.022	4	19.8	67 578
735	686	9.0	21 29.51	−0.9443	.0113	71 40 31.7	1.877	+ .138	4	20.1	71 432
736	687	8.5	6 22 36.01	+0.0477	−0.0046	−66 16 11.8	− 1.973	−0.006	3	20.1	66 529
737	688	6.4	23 20.75	−0.5684	.0093	69 56 34.4	2.038	+ .083	8	20.4	69 607
738	689	8.2	24 5.58*	0.7655	.0114	70 54 9.1	2.103	.112	4	20.1	70 514
739	690	8.2	24 47.70	0.6058	.0104	70 8 34.4	2.164	.089	4	20.3	70 515
740	692	8.8	25 17.62	0.3439	.0085	68 45 26.1	2.208	.051	3	20.4	68 515
741	691	9.0	6 25 27.45	−0.1251	−0.0068	−67 26 50.3	− 2.222	+0.019	3	19.7	67 594
742	693	(6.9)	26 7.09	0.5062	.0103	69 38 50.9	2.279	.074	F	(20.6)	69 614
743	694	8.8	26 56.98*	1.0104	.0158	71 59 42.9	2.352	.147	3-4	21.1-20.8	71 441
744	695	8.4	27 41.47	0.2477	.0088	68 13 21.7	2.415	.037	4	20.1	68 526
745	696	8.4	28 54.15	−1.0009	.0171	71 58 24.7	2.521	+ .146	4	19.8	71 446
746	—	8.1	6 30 15.35	+0.1019	−0.0068	−65 58 8.4	− 2.639	−0.013	3	21.1	65 611
747	700	8.4	30 29.89	−0.8748	.0167	71 27 9.6	2.660	+ .128	4	20.0	71 449
748	697	8.8	30 44.06	0.1319	.0090	67 32 51.2	2.680	.020	4-3	20.1-20.0	67 609
749	698	9.0	30 52.42	0.0570	.0084	67 4 2.1	2.692	.009	6	20.3	67 610
750	701	8.4	30 54.84	0.3574	.0112	68 53 32.4	2.695	.053	3	21.0	68 532

N°	Index	Mag.	A. R 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
751	699	7.6	6h31m 2s.70	−0s.0187	−0s.0081	−66°48′53″.8	− 2″.707	+0″.004	3	21.1	66° 558
752	702	8.0	31 25.34	0.1269	.0092	67 31 27.6	2.740	.020	3	19.7	67 611
753	—	9.0	31 49.03	1.0314	.0196	72 7 40.4	2.774	.150	3	21.1	72 491
754	704	8.1	32 2.39	0.6556	.0151	70 27 33.4	2.793	.096	3	20.4	70 533
755	703	8.3	32 7.55	0.2122	.0103	68 3 37.1	2.801	.032	3	21.0	68 534
756	705	8.6	6 32 21.15	−0.3104	−0.0114	−68 38 29.3	− 2.820	+0.046	4	20.0	68 536
757	—	8.9	33 52.45	−1.0237	.0210	72 7 5.3	2.952	+ .149	4	21.1	72 502
758	—	9.0	34 3.58	+0.0993	.0081	66 2 12.6	2.968	− .012	3	21.1	65 621
759	706	8.2	34 18.74	−0.8967	.0196	71 35 18.7	2.990	+ .131	4	20.1	71 460
760	708	8.8	34 57.23	0.7492	.0180	70 56 8.7	3.045	.109	4	20.0	70 537
761	710	9.2	6 35 20.28	−0.5205	−0.0153	−69 49 20.7	− 3.078	+0.076	3	21.0	69 634
762	709	8.8	35 21.92	0.2788	.0124	68 29 48.7	3.081	.042	3	20.4	68 540
763	—	8.5	35 23.61	1.0413	.0224	72 12 23.3	3.083	.151	3	21.1	72 508
764	707	8.3	35 26.29	0.0623	.0101	67 9 42.4	3.087	.010	4	20.1	67 628
765	711	9.1	35 27.33	0.4997	.0151	69 42 57.9	3.089	.073	3	21.1	69 635
766	712	8.8	6 35 50.95	−0.1481	−0.0112	−67 42 53.5	− 3.123	+0.023	4	19.8	67 630
767	713	9.0	36 2.44	0.6794	.0177	70 37 15.5	3.139	.099	3	21.1	70 540
768	714	8.8	36 26.69	0.5587	.0164	70 1 55.9	3.174	.082	4	20.1	69 638
769	716	9.0	37 5.80	0.2465	.0124	68 19 51.4	3.230	.037	4	20.0	68 546
770	715	8.8	37 12.82	0.0958	.0112	67 24 11.4	3.240	.015	4	20.1	67 634
771	717	8.5	6 38 4.50	−0.7224	−0.0195	−70 51 0.0*	− 3.315	+0.105	4	20.3	70 542
772	—	7.8	38 17.70	+0.1108	.0094	66 1 1.7	3.334	− .014	4	20.6	65 631
773	718	7.8	38 28.50	−0.6548	.0188	70 32 1.6	3.349	+ .096	4	20.1	70 543
774	719	8.7	38 47.94*	−0.7246	.0200	70 52 10.8	3.377	+ .106	3	20.0	70 544
775	—	9.2	41 9.01	+0.1325	.0101	65 54 24.1	3.580	− .017	4	21.0	65 643
776	720	7.5	6 41 52.45	−0.6541	−0.0208	−70 34 39.8	− 3.642	+0.095	4	19.8	70 552
777	—	8.9	42 0.69	+0.1194	.0105	66 1 9.5	3.654	− .015	3	21.1	65 647
778	721	8.4	42 1.78	−0.7541	.0225	71 3 1.5	3.655	+ .110	4	20.1	71 475
779	723	7.5	42 5.54	0.8996	.0249	71 41 57.1	3.661	.131	4	20.0	71 476
780	722	7.2	42 36.76	0.1400	.0139	67 46 1.6	3.706	.022	4	20.1	67 645
781	725	8.0	6 42 40.43	−0.4640	−0.0185	−69 37 48.4	− 3.711	+0.128	3	20.4	69 649
782	727	7.6	42 40.73	0.7717	.0232	71 8 26.9	3.711	.112	3	21.1	71 478
783	724	8.5	42 42.01	−0.2090	.0148	68 11 30.4	3.713	+ .032	3	21.0	68 556
784	726	8.1	43 12.70	+0.0650	.0115	66 25 22.5	3.757	− .008	3	21.1	66 594
785	729	8.0	43 17.76	−0.9224	.0262	71 48 47.8	3.764	+ .134	3	21.0	71 480
786	728	9.0	6 43 36.24	−0.3851	−0.0177	−69 13 10.0	− 3.791	+0.057	4	20.1	69 652
787	731	8.9	44 3.49	0.5857	.0210	70 16 31.6	3.830	.086	4	19.8	70 556
788	730	8.8	44 23.21	−0.1123	.0142	67 37 21.7	3.858	+ .018	4	20.1	67 650
789	732	8.7	44 53.07	+0.0170	.0127	66 47 0.7	3.901	− .001	4	20.0	66 600
790	734	9.0	44 57.16	−0.9366	.0276	71 53 51.2	3.907	+ .136	4	21.0	71 486
791	733	8.8	6 45 9.53	−0.1295	−0.0148	−67 44 41.0	− 3.924	+0.020	3	20.4	67 654
792	735	7.0	45 41.23	0.5959	.0221	70 21 6.9	3.969	.087	4	19.8	70 560
793	736	9.1	46 21.94	0.6706	.0238	70 43 31.6	4.027	.098	2	20.6	70 562
794	737	8.2	46 35.93	0.6106	.0228	70 26 19.7	4.047	.089	3	21.0	70 564
795	738	8.8	47 6.69	0.7152	.0250	70 56 50.7*	4.092	.104	3	21.1	70 565
796	740	9.0	6 48 23.09	−0.9551	−0.0305	−72 1 36.5	− 4.200	+0.138	3	21.0	71 491
797	739	8.9	48 25.62	0.2166	.0174	68 20 10.8	4.204	.032	4	20.1	68 567
798	741	8.3	49 11.58	0.0428	.0151	67 15 45.8	4.270	.008	3	20.4	67 664
799	743	8.8	49 51.72	0.0918	.0161	67 35 34.9	4.327	+ .015	3	19.7	67 670
800	742	7.8	49 54.41	+0.1142	.0132	66 12 13.9	4.330	− .014	4	20.1	66 608

Nº	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Nº Obs.	Ep.	C. P. D.
801	744	7.5	$6^h51^m\ 2^s.70$	$-0^s.4876$	$-0^s.0232$	$-69°53'39''.5$	$-4''.428$	$+0''.071$	7	20.8	69° 665
802	745	9.2	51 5.73	0.6810	.0268	70 51 14.6	4.432	.098	3	20.1	70 568
803	746	8.7	51 25.34	0.2555	.0193	68 37 20.9	4.460	.038	4	20.0	68 571
804	747	9.0	52 17.73	0.4152	.0225	69 32 7.1	4.534	.061	3	21.1	69 669
805	748	(5.0)	52 18.76	0.6799	.0275	70 52 13.0	4.536	.097	F	(20.3-20.2)	70 572
806	749	8.6	6 53 21.17	−0.5819	−0.0262	−70 24 55.8	− 4.624	+0.085	8	20.6	70 574
807	750	9.2	53 37.68	.04929	.0246	69 58 12.2	4.647	.072	3	20.0	69 670
808	753	9.3	54 22.91	0.5292	.0258	70 10 16.5	4.712	.077	4	21.0	70 578
809	751	8.7	54 23.08	0.1518	.0189	68 3 38.9	4.712	.024	4	19.8	67 675
810	752	9.0	54 37.97	0.2850	.0213	68 51 26.0	4.733	.042	3	20.4	68 578
811	754	8.6	6 55 17.54	−0.4803	−0.0253	−69 56 15.5	− 4.789	+0.070	4	20.1	69 672
812	755	7.7	55 56.82	0 2033	.0204	68 24 20.9	4.845	.031	3	20.0	68 579
813	756	7.6	55 59.16	0.5664	.0274	70 23 20.6	4.848	.082	4	20.6	70 581
814	757	8.9	56 23.95	−0.2896	.0222	68 55 14.5	4.883	.043	4	20.3	68 580
815	758	8.8	56 50.51	+0.0023	.0173	67 7 33.3	4.921	.002	4	19.8	67 678
816	760	9.0	6 57 43.00	−0.1702	−0.0206	−68 14 40.9	− 4.995	+0.026	5-6	20.6-20.5	68 584
817	759	8.8	57 45.73	+0.0411	.0170	66 53 3.8	4.999	− .004	3	20.0	66 632
818	762	8.6	58 12.28	−0.8918	.0360	71 55 53.1	5.036	+ .128	7-6	20.2-20.3	71 506
819	761	8.9	58 38.20	0.3441	.0243	69 16 32.2	5.073	.051	3	19.7	69 682
820	764	8.9	59 40.24	0.8941	.0371	71 58 10.5	5.160	.128	3	20.0	71 510
821	763	6.2	6 59 58.42	−0.0924	−0.0201	−67 48 49.7	− 5.186	+0.015	3	20.0	67 686
822	767	9.0	7 0 7.41	0.7073	.0329	71 8 58.1	5.198	.102	9-8	20 6-20.7	71 511
823	768	9.2	0 11.81	0.8024	.0352	71 34 54.0	5.205	.115	3	20.4	71 512
824	766	8.5	0 21.44	−0.4156	.0266	69 42 7.2	5.218	.061	3	21.1	69 686
825	765	9.2	0 25.58	+0.0090	.0185	67 9 54.2	5.224	.001	2	21.1	67 687
826	769	8.2	7 1 42.13*	−0.7301	−0.0344	−71 17 13.8	− 5.331	+0.105	3	19.4	71 515
827	770	8.5	2 28.58	−0.5524	.0307	70 27 16.6*	5.397	.080	4	20.1	70 590
828	772	9.3	3 3.50	+0.0012	.0196	67 16 53.3	5.446	.002	7	20.4	67 693
829	771	7.9	3 6.60	+0.0764	.0182	66 46 37.8	5.450	.008	3	22.2	66 646
830	773	8.9	3 12.33	−0.6468	.0334	70 55 48.8	5.458	.093	4	21.0	70 591
831	774	8.2	7 3 51.80	−0.5407	−0.0313	−70 25 37.4	− 5.514	+0.078	3	21.1	70 593
832	775	8.5	4 43.65	0.8501	.0395	71 53 4.0	5.586	.121	3	19.4	71 519
833	776	8.7	6 24.02	0.2446	.0259	68 53 32.3	5.727	.037	3-4	20.1-2.00	68 589
834	779	8.4	6 29.31	0.6799	.0362	71 9 34.5	5.734	.097	4	20.1	71 524
835	778	7.3	6 31.07	−0.2144	.0253	68 43 5.9	5.737	+ .033	4	20.1	68 591
836	777	7.8	7 6 42.61	+0.0722	−0.0196	−66 53 45.4	− 5.752	−0.008	3	20.4	66 655
837	780	8.3	7 52.40	−0.0615	.0227	67 48 55.2	5.850	+ .011	4	19.6	67 710
838	781	(4.2)	9 23.27	0.5048	.0336	70 22 38.5	5.977	.073	4	20.1	70 600
839	—	9.0	9 52.32	−0.8945	.0443	72 11 16.9	6.017	+ .127	3	20.4	72 573
840	782	9.0	10 41.12	+0.1863	.0187	66 11 50.3	6.085	− .023	3-4	19.7-19.6	66 659
841	783	7.9	7 10 52.01	+0.0826	−0.0208	−66 56 25.5	− 6.100	−0.009	4	20.0	66 661
842	784	8.9	10 59.27	+0.0782	.0210	66 58 27.7	6.110	− .008	4	21.0	66 662
843	785	7.7	11 4.49	−0.0509	.0237	67 50 3.4	6.117	+ .010	4	20.1	67 719
844	786	9.0	11 9.55	0.2335	.0278	68 57 2.2	6.124	.035	3	20.4	68 607
845	787	9.0	11 37.43	0.1897	.0270	68 42 22.0	6.163	.029	4	20.1	68 608
846	—	8.7	7 11 38.34	−0.8913	− 0.0455	−72 12 55.0	− 6.164	+0.126	3	21.1	72 576
847	788	7.7	11 49.50	0.4186	.0326	69 59 35.9	6.180	.061	2-3	21.2-21.1	69 705
848	789	7.6	12 16.85	0.0169	.0234	67 38 55.9	6.218	.005	4	21.0	67 720
849	791	9.1	13 42.37	0.7997	.0442	71 52 20.5	6.336	.113	4	20.0	71 547
850	792	8.8	14 8.27	0.4857	.0356	70 24 6.5	6.372	.070	4	20.1	70 613

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
851	790	8.7	7h14m19s.37	+0s.0077	—0s.0237	—67°32′47″.6	— 6″.387	+0″.002	3	19.4	67° 723
852	793	8.5	15 0.61	—0.0488	.0252	67 56 2.9	6.444	+ .010	3	20.1	67 726
853	—	9.0	15 28.73	+0.2243	.0195	66 3 44.7	6.483	— .028	1	20.1	65 726
854	794	8.8	16 3.87	0.1435	.0214	66 40 12.0	6.532	.017	3	20.1	66 669
855	795	8.8	16 49.73	+0.1183	.0221	66 52 17.6	6.594	— .013	3	21.0	66 673
856	796	(5.5)	7 16 52.26	—0.0223	—0.0253	—67 49 12.2	— 6.598	+0.006	F	(20.3-20.2)	67 730
857	797	9.0	17 18.12	0.0109	.0252	67 45 31.5	6.634	.004	3	21.1	67 731
858	798	7.9	17 53.06	0.7175	.0445	71 36 47.2	6.682	.102	4	20.1	71 557
859	800	8.6	18 55.56	—0.2360	.0315	69 11 9.1	6.767	+ .035	4	20.0	69 715
860	799	8.0	19 7.54	+0.1036	.0232	67 2 50.3	6.784	— .011	4	19.6	66 680
861	802	8.9	7 19 49.45	—0.8035	—0.0486	—72 2 45.4	— 6.841	+0 113	3	20.1	71 562
862	801	8.0	19 59.89	0.3895	.0361	70 3 54.5	6.856	.056	4	20.1	69 719
863	806	8.4	21 44.64	—0.6453	.0447	71 23 13.3	6.999	+ .091	4	20.0	71 565
864	803	9.0	21 48.32	+0.1390	0.234	66 53 17.6	7.004	— .016	4	19.6	66 684
865	804	8.9	21 57.23	0.2408	.0211	66 9 15.0	7.016	.030	3	20.4	66 686
866	805	8.9	7 22 21.56	+0.1047	—0.0244	—67 9 1.4	— 7.049	—0.011	3	20.1	67 741
867	807	8.3	22 34.30	0.2116	.0220	66 25 30.4	7.067	.026	4	20.1	66 687
868	808	8.4	22 46.21	+0.0963	.0247	67 13 5.7	7.083	— .010	4	21.0	67 742
869	810	9.0	23 13.00	—0.3489	.0366	69 56 40.2	7.119	+ .051	3	21.1	69 728
870	809	8.4	23 29.14	+0.0020	.0273	67 52 21.4	7.141	.003	3	20.1	67 746
871	813	7.4	7 23 42.58	—0.4496	—0.0399	—70 29 18.4	— 7.160	+0.064	3	20.4	70 638
872	815	8.7	23 45.97	—0.7256	.0487	71 48 39.9	7.164	+ .102	4	19.6	71 570
873	811	9.0	23 50.19	+0.2175	.0222	66 23 31.8	7.170	— .026	4	20.0	66 689
874	816	9.1	24 6.42	—0.4329	.0396	70 24 51.1*	7.192	+ .062	3	21.5	70 642
875	812	9.2	24 8.09	+0.2012	.0227	66 31 20.3	7.194	— .024	3	21.5	66 690
876	814	8.6	7 24 16.19	+0.0546	—0.0263	—67 33 5.5	— 7.205	—0.004	4	21.0	67 749
877	817	8.6	24 28.71	—0.4715	0.410	70 37 22.7	7.222	+ .067	3	21.1	70 644
878	818	7.2	25 23.95	0.6085	.0458	71 19 12.5	7.297	.086	4	20.1	71 574
879	—	8.9	25 31.77	0.7933	.0522	72 9 33.0	7.308	.111	3	20.4	72 594
880	819	8.1	25 39.57	0.3925	.0392	70 15 7.4	7.319	.056	4	19.6	70 648
881	821	8.9	7 26 20.95	—0.1227	—0.0317	—68 45 4.8	— 7.375	+0.020	4	20.0	68 640
882	820	9.0	26 32.95	+0.1864	.0238	66 42 52.2	7.391	— .022	3	20.1	66 696
883	822	8.1	26 58.86	—0.2334	.0351	69 25 21.1	7.426	+ .035	4	21.0	69 736
884	—	8.6	27 2.35	+0.2721	.0220	66 6 1.0	7.431	— .033	3	21.1	65 763
885	826	8.7	27 7.15	—0.7650	.0523	72 4 54.1	7.438	+ .107	3	21.1	71 580
886	823	7.6	7 27 12.43	—0.0710	—0.0307	—68 27 45.4	— 7.444	+0.013	3	20.4	68 644
887	824	8.5	27 18.48	0.2206	.0349	69 21 35.7	7.452	+ .033	4	20.1	69 737
888	825	8.6	27 40.94	+0.1765	.0244	66 49 40.6	7.483	— .021	3	21.1	66 700
889	827	8.6	27 58.20	—0.0891	.0315	68 36 4.3	7.507	+ .015	3	20.1	68 648
890	828	8.4	28 24.60	0.4426	.0423	70 35 52.3	7.542	.063	4	19.6	70 652
891	830	9.2	7 28 39.68	—0.5583	—0.0462	—71 10 47.5	— 7.562	+0.079	4	20.3	71 582
892	829	8.8	29 0.01	—0.0547	.0310	68 25 23.3	7.590	.011	3	20.4	68 651
893	831	8.8	29 33.76	+0.0154	.0293	67 59 44.1	7.635	.001	3	20.1	67 763
894	833	9.0	29 36.27	—0.2778	.0377	69 45 34.5	7.639	.041	3-4	21.1-21.0	69 743
895	834	9.0	29 42.59	0.1956	.0353	69 17 47.8*	7.647	.030	3	21.1	69 744
896	832	9.2	7 29 48.27	—0.0189	—0.0303	—68 13 29.6	— 7.655	+0.006	3	20.1	68 652
897	837	8.8	29 53.35	0.6924	.0516	71 50 33.1	7.662	.097	3	21.1	71 583
898	836	9.0	30 1.47	—0.4396	.0431	70 38 3.0	7.673	+ .063	4	21.2	70 655
899	835	8.8	30 32.51	+0.2780	.0229	66 11 15.9	7.714	— .034	3	21.1	66 706
900	838	8.8	30 36.10	—0.1126	.0332	68 50 10.1	7.719	+ .018	4	20.0	68 653

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
901	839	8.9	7h31m 3s.09*	+0s.0744	−0s.0282	−67°39′31″.5	− 7″.756	−0″.007	4	20.1	67° 771
902	840	8.4	31 9.84	0.1673	.0258	67 1 19.3	7.765	.019	3	20.1	66 707
903	841	8.7	32 2.15	+0.1401	.0269	67 14 48.2	7.835	− .015	3	20.8	67 773
904	842	8.8	32 36.05	−0.6735	.0527	71 50 28.8	7.880	+ .094	3	20.0	71 588
905	843	7.3	33 27.00	−0.0580	.0329	68 36 9.6	7.949	+ .011	3	20.1	68 656
906	844	9.1	7 33 56.87	+0.2952	−0.0235	−66 11 25.8	− 7.989	−0.036	5	20.9	66 712
907	845	8.8	34 25.94	+0.2592	.0246	66 28 52.0*	8.028	.031	3	20.8	66 713
908	846	8.9	34 40.06	−0.5752	.0505	71 27 12.2	8.046	− .080	3	20.4	71 595
909	847	8.4	34 59.85	0.3274	.0420	70 12 53.5	8.073	+ .047	3	20.4	70 664
910	848	8.8	35 8.44	0.2832	.0406	69 58 47.0	8.084	0041	3	21.1	69 751
911	850	8.6	7 35 25.48	−0.2988	−0.0413	−70 4 31.8	− 8.107	+0.043	3	21.1	69 752
912	849	8.7	35 40.40	+0.1771	.0271	67 7 38.3	8.127	− .020	3	20.1	67 782
913	851	7.9	36 5.33	+0.1679	.0275	67 12 29.6	8.160	− .019	4	19.6	67 785
914	853	7.5	36 7.37	−0.3460	.0432	70 21 13.8	8.163	+ .050	3-4	21.1	70 666
915	852	8.4	36 26.23	+0.1366	.0285	67 26 28.7	8.188	− .015	3	20.4	67 786
916	854	7.3	7 36 26.80*	−0.0860	−0.0350	−68 53 11.0	− 8.189	+0.015	3	20.8	68 659
917	855	8.0	36 55.81	+0.0046	.0325	68 20 21.1	8.227	+ .003	3	20.0	68 662
918	856	9.0	37 17.15	+0.2372	.0260	66 45 34.1	8.256	− .028	3	21.1	66 717
919	858	8.9	37 51.70	−0.3438	.0441	70 24 14.3*	8.301	+ .049	4	20.1	70 669
920	857	7.9	38 1.81	+0.1698	.0281	67 16 25.2	8.315	− .019	3	21.1	67 788
921	860	8.7	7 38 17.82	−0.2473	−0.0410	−69 53 44.4	− 8.336	−0.036	3	21.2	69 757
922	859	9.1	38 20.18	+0.1676	.0283	67 18 6.8*	8.340	.019	3	20.1	67 789
923	862	8.3	38 32.84	+0.0518	.0317	68 5 46.3	8.356	− .003	3	21.1	67 791
924	864	8.8	38 38.18	−0.1162	.0369	69 9 6.9	8.363	+ .019	5	20.8	69 758
925	861	9.0	38 43.77	+0.2739	.0255	66 32 51.6	8.370	− .033	3	20.4	66 723
926	863	8.9	7 38 44.83*	+0.1723	−0.0283	−67 17 8.2	− 8.372	−0.019	2	21.1	67 792
927	865	9.2	38 47.57	−0.2364	.0409	69 51 11.2	8.375	.035	3	20.4	69 759
928	866	8.8	39 55.75	−0.3046	.0438	70 16 11.2	8.466	.044	3	21.1	70 673
929	867	8.8	40 22.09	+0.0637	.0320	68 5 29.0	8.501	− .005	2-4	21.1-20.1	67 796
930	869	9.0	40 22.53	−0.1282	.0380	69 17 23.2	8.501	+ .021	3	20.1	69 763
931	868	9.0	7 40 29.40	+0.1737	−0.0288	−67 20 50.3	− 8.510	−0.019	4	20.1	67 797
932	870	7.9	40 45.84	−0.1908	.0403	69 40 10.6	8.532	+ .029	4	20.0	69 764
933	871	8.4	41 22.52	+0.1573	.0296	67 29 57.2	8.580	− .017	3	20.4	67 799
934	875	7.8	41 30.35	−0.5535	.0539	71 35 5.5	8.591	+ .107	2-3	22.2	71 607
935	872	8.7	41 37.36	+0.1559	.0297	67 31 8.1	8.600	− .017	3	21.1	67 801
936	876	8.8	7 41 38.25*	−0.4390	−0.0496	−71 1 52.3	− 8.601	+0.062	2	21.1	70 678
937	873	7.5	41 58.93	+0.2691	.0266	66 43 23.5	8.628	− .032	1	21.2	66 733
938	—	8.5	42 2.60	0.2722	.0266	66 42 6.3*	8.633	.032	2	21.1	66 735
939	877	8.9	42 7.09	0.0998	.0316	67 55 23.2	8.639	.009	2	21.2	67 803
940	874	9.1	42 15.33	+0.3444	.0246	66 9 44.7	8.650	− .042	2	20.0	66 736
941	878	(8.6)	7 42 22.86	−0.0711	−0.0371	−69 1 33.4	− 8.660	+0.013	2	19.1	68 669
942	881	7.7	43 30.55	0.4917	.0527	71 21 38.8	8.748	.068	6	20.6	71 612
943	880	8.0	43 36.54	−0.2084	.0433	69 52 46.8	8.756	+ .031	3	21.1	69 768
944	879	8.1	43 43.79	+0.2389	.0280	67 1 11.5	8.766	− .028	3	20.5	66 737
945	884	9.0	44 13 91	−0.5002	.0535	71 25 42.5	8.805	+ .069	2	20.0	71 615
946	882	7.2	7 44 26.99	−0.1603	−0.0410	−69 38 16.7	− 8.822	+0.025	4	20.1	69 770
947	883	8.6	44 29.75	0.1073	.0392	69 19 45.4	8.826	.018	3	21.1	69 771
948	885	9.0	44 45.90	−0.0864	.0386	69 12 54.0	8.847	.015	3	21.1	69 772
949	886	8.4	44 53.30	+0.0182	.0352	68 34 21.2	8.857	+ .001	3	19.4	68 672
950	887	8.5	45 22.89	0.2674	.0278	66 53 4.3	8.895	− .031	3	21.1	66 743

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec	N° Obs.	Ep.	C. P. D.
951	888	9.0	7h45m32s.33	+0s.2033	−0s.0297	−67°21′17″.7	− 8″.908	−0″.023	3	20.1	67° 809
952	889	8.2	45 47.42	+0.2201	.0293	67 14 46.5	8.928	− .025	3	21.1	67 811
953	891	8.6	46 8.69	−0.0930	.0394	69 18 42.1	8.955	+ .016	3	20.1	69 775
954	890	8.7	46 14.65	+0.3210	.0265	66 31 18.7	8.963	− .038	3	20.4	66 745
955	892	8.0	46 57.26	−0.5011	.0552	71 32 3.3	9.019	+ .069	4	20.1	71 618
956	893	8.8	7 47 28.57	−0.1178	−0.0409	−69 30 49.7*	− 9.059	+0.019	3	19.4	69 778
957	894	8.7	48 29.50	+0.2362	.0297	67 15 8.7*	9.138	− .027	2	20.0	67 821
958	896	9.1	48 52.64	−0.3322	.0496	70 45 39.6	9.169	+ .047	3	21.5	70 688
959	895	8.8	49 4.84	+0.1452	.0327	67 55 0.4	9.184	− .015	4	20.1	67 826
960	—	(6.3)	49 11.30	0.4051	.0250	66 0 14.8	9.193	.048	F	(20.5)	65 827
961	897	8.7	7 50 25.48	+0.3490	−0.0269	−66 30 11.5*	− 9.289	−0.041	3	19.4	66 759
962	898	8.5	50 46.55	+0.2192	.0310	67 28 44.2	9.316	− .024	6	20.8	67 830
963	899	8.9	50 58.59	−0.2312	.0468	70 18 16.8*	9.331	+ .034	3	21.1	70 693
964	900	8.6	51 10.22	0.1568	.0440	69 53 42.4	9.346	.024	4	20.1	69 789
965	901	8.6	51 10.28	0.2812	.0488	70 35 5.0	9.346	.040	3	20.4	70 694
966	902	8.9	7 52 1.60	−0.5188	−0.0591	−71 48 54.4	− 9.412	+0.071	3	20.1	71 624
967	904	8.8	53 32.95	+0.1904	.0328	67 48 39.8	9.530	− .020	3	20.0	67 839
968	903	(8.8)	53 34.85	0.2684	.0303	67 15 23.5	9.532	− .030	3	19.4	67 838
969	907	8.8	53 45.08	0.4252	.0561	71 25 52.9	9.545	+ .059	4	20.6	71 628
970	905	8.9	53 52.29	0.3228	.0287	66 52 9.7	9.555	− .037	4	21.0	66 769
971	906	9.0	7 54 13.42	+0.1752	−0.0336	−67 56 54.0	− 9.582	−0.018	4	20.4	67 843
972	908	8.8	54 29.13	0.0483	.0381	68 48 8.1	9.602	.002	3	21.1	68 692
973	909	8.6	56 16.20	+0.2430	.0320	67 34 17.2	9.739	− .027	3	20.0	67 850
974	910	8.4	56 22.31	−0.0416	.0421	69 26 47.8	9.746	+ .009	4	20.6	69 801
975	912	8.9	56 44.11	+0.3245	.0296	66 59 55.9	9.774	− .039	2	20.6	66 779
976	911	8.9	7 56 45.04	+0.3814	−0.0278	−66 33 52.6	− 9.775	−0.044	3	21.1	66 778
977	913	8.1	56 46.72	−0.4722	.0600	71 47 8.0	9.777	+ .064	3	21.1	71 633
978	914	8.7	57 4.84	−0.2214	.0495	70 30 47.6	9.800	+ .032	2	20.1	70 702
979	915	8.8	57 32.84	+0.2658	.0317	67 28 14.9*	9.836	− .030	3	19.4	67 854
980	917	8.7	57 55.83	−0.4638	.0604	71 47 33.7	9.865	.063	3	21.1	71 640
981	916	8.6	7 58 4.12	+0.3896	−0.0279	−66 34 7.3	− 9.876	−0.045	3	20.4	66 783
982	918	8.5	58 37.05	+0.2726	.0318	67 28 33.6	9.917	− .030	2	20.1	67 858
983	919	8.6	59 44.52	−0.3340	.0557	71 13 34.8	10.003	+ .046	6	19.7	71 642
984	920	8.6	8 0 27.06	0.0985	.0462	69 58 20.7	10.056	.017	7	20.3	69 816
985	921	8.4	1 38.53	0.0620	.0452	69 48 53.3	10.147	.012	4	20.1	69 820
986	925	8.8	8 1 47.27	−0.4652	−0.0628	−71 57 50.2	−10.158	+0.063	2	22.2	71 643
987	924	8.8	1 57.68	0.0597	.0453	69 48 57.3	10.171	.012	2	20.7	69 821
988	922	8.9	1 59.36*	−0.2917	.0323	67 30 34.2	10.173	+ .032	3-4	19.2	67 865
989	923	8.4	2 2.02	+0.2820	.0326	67 34 58.3	10.176	− .031	1	22.2	67 866
990	926	7.9	2 11.12	−0.0158	.0436	69 33 48.8	10.187	+ .006	3	21.1	69 822
991	927	8.8	8 2 51.04	+0.4147	−0.0285	−66 37 31.1	−10.237	−0.048	3	19.2	66 792
992	—	8.6	3 12.71	+0.4790	.0266	66 7 48.0	10.265	− .055	3	21.1	65 862
993	929	7.3	3 25.64	−0.0380	.0451	69 45 28.1	10.281	+ .009	3	21.1	69 826
994	928	9.2	3 28.47	+0.0923	.0400	68 57 4.3	10.284	− .007	4	19.9	68 721
995	930	7.7	3 44.87	+0.1296	.0387	68 43 20.2	10.305	− .012	3	20.5	68 725
996	932	7.5	8 3 59.75	−0.0954	−0.0477	−70 7 22.6	−10.324	+0.016	4	20.1	69 829
997	931	8.0	4 4.32	+0.3757	.0301	66 59 35.1	10.329	− .042	4	19.2	66 796
998	933	8.7	5 31.71	−0.0023	.0446	69 38 50.5	10.438	+ .005	3-4	21.2-20.7	69 838
999	934	8.1	6 3.52	+0.0515	.0427	69 20 26.6	10.478	− .002	4	19.9	69 841
1000	935	8.5	6 21.85	0.1980	.0371	68 23 54.6	10.501	.020	4	19.2	68 731

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1001	936	8.9	8h 6m25s.70	−0s.1098	−0s.0495	−70°19′23″.1	−10″.505	+0″.018	2-3	20.7-20.5	70° 726
1002	937	9.0	6 46.63	−0.3443	.0602	71 35 43.7	10.531	+ .047	3	21.1	71 650
1003	938	8.8	7 32.07	+0.1962	.0376	68 28 21.4	10.588	— .020	3	21.2	68 734
1004	939	7.9	7 34.32	0.1660	.0388	68 40 43.6	10.590	.016	3	20.5	68 735
1005	940	(5.0)	7 41.67	0.2086	.0372	68 23 47.8	10.599	— .021	4	20.1	68 736
1006	941	8.1	8 7 51.66	+0.0116	−0.0450	−69 40 41.7*	−10.612	+0.003	3	19.2	69 847
1007	942	8.9	7 55.86	−0.4021	.0637	71 56 4.8	10.617	.054	3	21.1	71 653
1008	944	8.7	8 26.18	−0.3945	.0636	71 55 14.6	10.655	+ .053	4	19.2	71 655
1009	943	7.6	8 45.95	+0.1618	.0394	68 46 9.9	10.679	— .015	3	21.1	68 743
1010	945	9.0	9 20.71	+0.2544	.0361	68 10 7.1	10.722	— .027	3	20.5	68 745
1011	946	7.7	8 9 21.18	−0.3014	−0.0597	−71 29 56.0	−10.722	+0.042	4	19.9	71 657
1012	947	8.7	10 44.41	+0.3653	.0325	67 26 29.3	10.825	— .040	3	19.2	67 889
1013	949	8.4	10 44.67	−0.1137	.0518	70 33 31.6	10.825	+ .019	4	20.1	70 732
1014	948	8.7	11 4.32	+0.4014	.0310	67 7 44.7	10.849	— .046	3	21.1	66 806
1015	950	8.8	11 7.32	−0.2097	.0563	71 6 20.2	10.853	+ .030	3	20.5	70 735
1016	952	9.0	8 11 37.78	+0.0748	−0.0440	−69 28 58.8	−10.890	−0.004	3	21.1	69 862
1017	953	8.8	11 37.78	−0.0579	.0497	70 17 5.1	10.890	+ .012	3	21.1	70 737
1018	951	9.0	11 39.66	+0.3934	.0318	67 16 57.1	10.892	— .043	4	19.2	67 892
1019	955	8.1	11 57.99	+0.0711	.0443	69 31 27.1	10.915	— .004	3	20.8	69 864
1020	956	8.2	12 30.52	−0.1841	.0559	71 2 10.6	10.954	+ .027	4	19.9	70 738
1021	954	8.9	8 12 46.97	+0.3999	−0.0319	−67 17 52.4	−10.974	−0.044	3	19.2	67 894
1022	957	9.0	13 10.19	0.5194	.0278	66 22 23.2	11.003	.059	4	20.1	66 810
1023	958	8.2	14 43.44	+0.1158	.0436	69 23 27.6	11.116	— .009	4	19.2	69 872
1024	959	9.0	14 55.64	−0.0818	.0524	70 35 35.2	11.131	+ .015	3	19.2	70 747
1025	961	8.6	16 16.29	+0.0035	.0492	70 10 4.3	11.229	+ .004	4	19.9	70 751
1026	960	8.9	8 16 27.54	+0.4519	−0.0311	−67 6 51.2	−11.242	−0.050	2	20.1	66 818
1027	962	8.9	16 39.18	0.0341	.0480	70 0 17.2	11.256	+ .001	4	19.2	69 877
1028	963	8.2	17 25.95	0.5624	.0274	66 16 33.8	11.313	— .063	3	19.2	66 819
1029	964	9.1	17 34.14	+0.1423	.0436	69 22 44.4	11.322	— .012	2-3	21.2-21.1	69 881
1030	966	8.7	17 58.83	−0.3268	.0661	72 2 59.9	11.352	+ .044	3	20.8	71 671
1031	967	9.1	8 18 14.23	−0.0693	−0.0534	−70 41 49.5	−11.370	+0.013	4	19.9	70 754
1032	965	9.0	18 23.28	+0.4230	.0327	67 27 17.9	11.381	— .046	3	21.2	67 917
1033	968	8.9	18 46.82	+0.5601	.0279	66 22 57.0	11.410	— .062	4	19.2	66 825
1034	971	8.6	18 59.75	−0 2549	.0630	71 44 21.9	11.425	+ .035	3	21.1	71 675
1035	970	8.7	19 13.25	+0.2499	.0398	68 45 32.2	11.441	— .025	3	20.8	68 771
1036	969	8.8	8 19 18.96	+0.5789	−0.0273	−66 15 29.5	−11.448	−0.064	3	19.2	66 826
1037	972	8.9	20 1.18	0.3743	.0350	67 55 15.7	11.499	.040	3	21.1	67 922
1038	973	7.5	20 2.03	+0.2478	.0401	68 49 15.3	11.488	— .025	3	22.2	68 777
1039	975	6.4	20 2.62	−0.1563	.0586	71 16 34.6	11.500	+ .024	3	20.5	71 677
1040	977	7.0	20 14.02	0.1526	.0585	71 15 59.2	11.514	.023	3	21.2	71 678
1041	978	8.3	8 20 17.85	−0.1503	−0.0584	−71 15 26.4	−11.518	+0.023	3	21.1	71 679
1042	974	9.1	20 22.64	+0.5590	.0283	66 29 37.0*	11.524	— .062	4	19.9	66 836
1043	976	8.0	20 43.62	0.5543	.0285	66 33 17.1	11.549	.061	4	19.2	66 838
1044	979	8.0	21 19.47	0.4928	.0309	67 5 37.2	11.592	.054	3	19.2	66 840
1045	980	9.0	21 25.71	0.6063	.0269	66 9 37.9	11.599	— .067	2	21.1-21.2	66 842
1046	981	8.4	8 21 28.85	−0.2272	−0.0630	−71 43 37.2	−11.603	+0.032	3	20.5	71 682
1047	982	8.9	22 7.07	+0.0527	.0495	70 11 47.0	11.648	— .001	3	21.1	70 765
1048	983	9.1	22 40.42	−0.0570	.0550	70 52 12.5	11.688	+ .012	3	21.2	70 766
1049	984	8.6	23 4.68	−0.0395	.0544	70 47 35.3	11.717	+ .010	2	20.1	70 768
1050	985	8.0	23 19.49	+0.0955	.0481	70 0 14.9	11.734	— .006	3	19.2	69 902

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1051	986	8.9	8h25m 7s.23	+0s.1663	−0s.0452	−69°36′13″.3	−11″.861	−0″.016	3	20.1	69° 913
1052	987	8.0	25 42.19	−0.0154	.0545	70 48 10.9	11.902	+ .007	4	19.2	70 774
1053	988	9.0	26 44.26	+0.2072	.0444	69 29 44.7	11.975	— .019	3	21.1	69 917
1054	989	7.3	27 6.63	+0.1568	.0469	69 50 38.9	12.001	— .013	6	20.3	69 919
1055	990	8.5	27 9.68	−0.0873	.0588	71 17 30.3	12.005	+ .015	3	19.2	71 698
1056	991	8.1	8 28 9.67	+0.3835	−0.0373	−68 21 53.3	−12.074	−0.040	4	19.2	68 790
1057	992	7.7	29 0.52	+0.5806	.0297	66 53 13.3	12.133	— .062	3	20.1	66 861
1058	993	7.5	29 8.32	−0.1667	.0641	71 49 47.6	12.143	+ .024	6	20.2	71 702
1059	995	9.1	30 8.24	+0.0235	.0547	70 50 11.8	12.212	+ .002	3-4	19.8-19.9	70 781
1060	994	7.8	30 19.55	0.6243	.0284	66 36 38.9	12.225	— .067	4	19.2	66 867
1061	996	9.0	8 30 26.82	+0.0084	−0.0556	−70 56 33.1	−12.233	+0.004	3	20.8	70 782
1062	997	8.2	30 39.84	+0.0713	.0525	70 35 14.7	12.248	— .003	3	20.1	70 784
1063	998	8.4	30 52.95	−0.0813	.0605	71 28 20.8	12.264	+ .015	3	21.2	71 705
1064	999	8.8	31 21.94	+0.4793	.0343	67 51 29.8	12.297	— .050	3	19.2	67 949
1065	1000	8.6	32 10.99	+0.3866	.0384	68 36 24.1	12.353	— .039	3	19.2	68 801
1066	1003	8.3	8 32 52.17	−0.0719	−0.0610	−71 32 14.7	−12.401	+0.014	3	21.1	71 711
1067	1001	8.8	32 55.27	+0.6854	.0267	66 15 53.6	12.404	— .073	5	19.9	66 877
1068	1002	8.8	33 12.75	0.6876	.0267	66 16 1.5	12.424	.073	2	20.7	66 880
1069	1004	8.8	33 14.80	0.2146	.0467	69 51 14.7	12.427	.019	2-3	19.2	69 934
1070	1005	8.7	33 34.56	0.3314	.0414	69 5 26.3	12.449	.032	3	21.1	68 807
1071	1006	9.2	8 34 19.04	+0.6038	−0.0301	−67 3 59.8	−12.500	−0.063	2	20.1	66 883
1072	—	8.5	34 41.33	0.7185	.0259	66 5 58.9	12.525	.076	3	21.1	65 977
1073	1008	9.0	34 45.99	0.2666	.0448	69 36 39.0	12.531	.025	3	20.1	69 937
1074	1007	8.6	34 52.59	0.4685	.0358	68 10 53.5	12.538	.048	3	19.2	68 809
1075	1009	8.6	35 49.25	0.6257	.0297	66 59 31.2	12.602	.066	3	21.1	66 887
1076	1010	7.2	8 36 10.38	+0.1559	−0.0508	−70 24 48.6	−12.626	−0.012	3	19.2	70 796
1077	1011	8.2	36 24.55	−0.0081	.0594	71 23 49.6	12.642	+ .006	5	20.8	71 719
1078	1012	8.3	37 25.72	+0.3240	.0431	69 23 57.4	12.712	— .031	3	20.1	69 943
1079	1013	9.0	37 45.23	0.6054	.0310	67 18 6.6	12.733	.063	4	19.2	67 970
1080	1014	8.8	38 0.63	0.5344	.0339	67 53 36.9	12.751	.055	4	19.9	67 973
1081	1015	8.9	8 38 27.73	+0.5790	−0.0322	−67 34 10.6	−12.781	−0.060	3	20.5	67 975
1082	1016	7.5	38 45.87	0.3930	.0404	69 0 24.6*	12.802	.039	3	21.2	68 818
1083	1017	(5.5)	38 48.99	+0.2298	.0482	70 7 7.4	12.805	— .020	3	19.2	69 946
1084	1020	8.5	38 57.48	−0.1048	.0662	72 4 47.2	12.815	+ .018	3	21.1	71 724
1085	1025	9.0	39 19.44*	−0.0593	.0638	71 51 32.0	12.839	+ .012	3	21.5	71 725
1086	1018	8.3	8 39 23.60	+0.6247	−0.0306	−67 15 45.7	−12.844	−0.064	2-3	21.2	67 977
1087	1019	9.0	39 29.47	0.7121	.0272	66 31 5.2	12.850	.074	3	21.2	66 896
1088	1021	9.1	39 43.88	0.6185	.0309	67 20 19.7	12.867	.064	3	20.5	67 978
1089	1022	8.3	39 45.14	0.5929	.0320	67 33 5.1	12.868	.061	4	19.9	67 979
1090	—	9.0	39 50.96*	0.7566	.0256	66 8 41.7*	−12.874	.079	3	21.2	65 1001
1091	1023	9.0	8 39 55.41	+0.7056	−0.0275	−66 36 30.6	−12.879	−0.073	3	19.2	66 898
1092	1026	8.8	40 7.91	+0.0927	.0558	71 3 2.0	12.893	— .005	3	21.1	70 809
1093	1027	8.7	40 11.96	−0.0798	.0655	72 1 25.3	12.898	+ .014	3	20.1	71 728
1094	1024	7.0	40 11.99	+0.7150	.0273	66 32 49.0	12.898	— .074	4	21.2	66 899
1095	1028	8.1	40 17.85	−0.0029	.0612	71 36 34.9	12.904	+ .006	3	21.2	71 729
1096	1029	9.0	8 40 51.12	+0.6361	−0.0305	−67 16 32.5	−12.941	−0.065	3	19.2	67 984
1097	1030	8.9	42 51.67	0.6702	.0296	67 8 29.2	13.075	.068	4	19.2	66 906
1098	1031	7.8	43 12.08	0.5767	.0336	67 56 19.3	13.098	— .058	3	19.2	67 990
1099	1032	8.7	43 44.48	0.0465	.0602	71 33 8.2	13.133	+ .001	3	20.1	71 738
1100	1034	8.8	43 56.08	0.0386	.0607	71 36 35.6	13.146	.001	3	20.5	71 741

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1101	1033	8.6	8h44m12s.90	+0s.5767	−0s.0338	−68° 0′54″.4	−13″.165	−0″.058	3	21.2	67° 996
1102	—	8.9	44 13.02	0.1982	.0521	70 40 52.8	13.165	.016	3	21.1	70 819
1103	—	8.8	44 49.76	0.8043	.0248	66 5 53.2	13.205	.082	3	21.1	65 1019
1104	1036	8.4	45 32.93	0.7931	.0253	66 15 38.6	13.252	.081	4	19.2	66 915
1105	1037	(8.8)	45 49.82	0.4428	.0404	69 9 11.3	13.271	.043	2	19.2	68 839
1106	1038	9.0	8 45 53.98	+0.0514	−0.0610	−71 39 58.1	−13.275	0.000	4	19.9	71 749
1107	—	9.0	46 58.90	−0.0595	.0681	72 20 34.9	13.346	+ .012	3	21.2	72 744
1108	1039	8.0	47 38.11	+0.5627	.0354	68 23 11.0	13.389	— .055	4	19.2	68 845
1109	1040	8.6	47 46.04	0.4707	.0397	69 5 35.8	13.397	— .045	4	19.9	68 846
1110	1043	8.8	47 47.20	0.0904	.0597	71 34 7.7	13.399	+ .004	2	20.1	71 750
1111	1042	8.4	8 47 51.58	+0.1810	−0.0547	−71 2 15.2	−13.403	−0.014	2	19.2	70 827
1112	1041	7.8	47 54.70	0.3229	.0471	70 8 15.6	13.407	.029	3	21.1	69 966
1113	1044	(5.9)	49 34.22	0.8017	.0258	66 30 46.8	13.514	.081	4	19.2	66 927
1114	1045	8.7	49 35.99	+0.7422	.0282	67 3 5.2	13.516	— .074	2	19.2	66 928
1115	—	6.8	49 52.81	−0.0101	.0668	72 16 9.8	13.534	+ .007	4	21.2	72 747
1116	1046	8.5	8 50 23.08	+0.7887	−0.0265	−66 42 0.2	−13.567	−0.079	2	20.1	66 931
1117	1048	9.0	50 54.46	0.1782	.0562	71 16 1.0	13.600	.013	4	19.9	71 758
1118	1047	8.7	51 5.76	0.5486	.0371	68 45 49.2	13.612	.053	2	20.7	68 856
1119	1049	8.9	51 17.93	0.2263	.0537	71 0 1.7	13.625	.018	3	21.1	70 836
1120	1050a	9.5	51 31.20	0.5941	.0351	68 27 35.6	13.644	.058	3	19.2	68 858
1121	1050b	8.2	8 51 35.50	+0.5941	−0.0351	−68 26 55.9	−13.644	−0.058	2-3	20.7-21.2	68 859
1122	1051	8.9	51 57.36	0.7031	.0304	67 35 4.1	13.668	.069	2	19.2	67 1009
1123	1052	7.6	52 16.33	0.4554	.0420	69 32 42.7	13.688	.043	3	21.2	69 976
1124	1053	8.8	52 21.76	0.5524	.0373	68 50 3.2	13.694	.053	2-3	20.7-20.5	68 860
1125	1056	8.8	52 53.07	0.6319	.0338	68 15 2.0	13.727	.061	3	19.8	68 862
1126	1054	8.8	8 52 57.70	+0.8321	−0.0252	−66 31 1.0	−13.732	−0.083	3	20.1	66 938
1127	1055	9.0	52 59.76	0.8446	.0248	66 24 10.4	13.734	— .084	3	21.1	66 939
1128	—	9.0	53 15.77	0.0441	.0653	72 12 10.0	13.751	+ .001	2	21.1	72 751
1129	1057	8.9	53 31.75	0.6456	.0333	68 11 28.5	13.768	— .062	3-4	19.2	68 863
1130	1059	9.0	53 32.97	0.2163	.0552	71 13 26.1	13.769	.017	3	20.8	71 763
1131	1058	9.3	8 53 40.38	+0.5368	−0.0384	−69 3 21.7	−13.777	−0.051	3	21.2	68 865
1132	1060	(8.1)	54 15.00	0.8476	.0249	66 29 0.5	13.814	.084	2	20.2	66 942
1133	1061	8.0	54 17.70	0.7945	.0270	66 58 39.5	13.817	.078	3	21.1	66 943
1134	1064	8.5	54 52.53	0.1021	.0626	71 59 24.6	13.853	.005	3	21.1	71 767
1135	1062	8.9	54 58.05	0.4472	.0433	69 48 41 1	13 859	.041	3	20.1	69 982
1136	1063	8.9	8 55 5.50	+0.5970	−0.0360	−68 42 26.3	−13.867	−0.057	4	19.9	68 869
1137	1065	8.8	55 32.51	0.8315	.0258	66 44 45.6	13.895	.081	4	19.2	66 947
1138	1066	8.6	56 1.46	0.8092	.0268	66 59 36.1	13.925	.079	3	21.2	66 949
1139	1070	9.0	56 29.60	0.1283	.0618	71 57 19.0	13.955	.008	2-3	21.1	71 772
1140	1067	9.0	56 34.34	0.6094	.0358	68 43 52.1	13.960	.058	2-3	20.7-20.2	68 872
1141	1068	7.9	8 56 44.17	+0.5300	−0.0397	−69 21 2.7	−13.971	−0.049	6	20.8	69 990
1142	1071	7.2	56 45.16	0.3326	.0501	70 43 32.4	13.972	.029	3	20.1	70 843
1143	1069	9.1	56 46.41	0.5055	.0410	69 32 4.6	13.973	.047	3	21.2	69 991
1144	1073	8.6	56 48.72	0.1041	.0635	72 6 56.8	13.975	.005	3	21.2	71 773
1145	1074	7.9	57 9.82	0.3188	.0510	70 50 46.5	13.997	.027	2-3	21.1	70 845
1146	1072	8.7	8 57 18.80	+0.8874	−0.0239	−66 22 30.4	−14.007	−0.087	3	19.8	66 951
1147	1075	7.2	58 1.92	0.7322	.0306	67 50 46.3	14.052	.070	3	21.1	67 1018
1148	1076	8.9	58 9.24	0.7165	.0313	67 59 22.4	14.059	.069	3	19.2	67 1019
1149	1077	8.2	58 41.33	0.6672	.0337	68 26 38.3	14.092	.063	2	19.2	68 877
1150	1078	7.5	58 59.77	0.7473	.0301	67 47 56.1	14.111	.071	3	21.2	67 1021

N°	Index	Mag.	A. R. 1925.o	Prec.	Var. Sec.	Decl. 1925.o	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1151	—	8.7	8h59m12s.73	+0s.9377	−0s.0222	−66° 3′16″.9	−14″.125	−0″.091	2-3	21.1	65°1060
1152	1080	8.8	59 21.54	0.3802	.0485	70 36 45.1	14.134	.033	3	21.2	70 850
1153	1079	8.7	59 38.18	0.7714	.0292	67 38 44.2	14.151	.074	3	21.1	67 1022
1154	1082	8.5	59 53.57	0.4934	.0426	69 52 19.0	14.167	.045	3	19.8	69 997
1155	1081	9.0	59 54.21	0.8433	.0261	67 1 23.9	14.168	.081	3	20.1	66 954
1156	1084	8.6	9 0 5.84*	+0.5499	−0.0398	−69 28 29.6	−14.180	−0.051	3	20.5	69 998
1157	1088	8.8	0 12.67*	0.1915	.0599	71 51 31.9	14.187	.014	3	21.6	71 777
1158	1085	7.5	0 17.52	0.6908	.0330	68 23 15.2	14.192	.065	4	19.2	68 879
1159	1083	8.6	0 23.36	0.9037	.0237	66 29 47.7	14.198	.087	3	20.9	66 957
1160	1086	8.7	0 28.11	0.9129	.0234	66 24 52.2	14.203	.088	3	21.2	66 958
1161	1087	9.0	9 0 31.21	+0.6634	−0.0343	−68 37 47.8	−14.206	−0.062	3	21.2	68 881
1162	1089	8.2	0 41.53	0.1470	.0629	72 9 8.6*	14.217	.009	3	21.3	71 779
1163	—	8.6	0 45.90	0.9381	.0225	66 11 40.1	14.221	.090	2-3	22.3-21.9	65 1063
1164	1090	9.1	1 8.64	0.5344	.0409	69 40 33.2	14.244	.049	3	21.2	69 1002
1165	—	(5.3)	1 15.99	0.9527	.0219	66 5 47.3	14.252	.092	F	(20.6-20.4)	65 1065
1166	1092	9.0	9 1 46.73	+0.5044	−0.0427	−69 56 48.5	−14.283	−0.046	3-4	20.9-20.7	69 1003
1167	1093	9.0	1 48.59	0.3407	.0517	71 3 44.2	14.285	.029	3	21.2	70 857
1168	1094	8.8	1 50.38	0.2208	.0589	71 48 26.1	14.287	.017	3	20.9	71 781
1169	1091	9.0	1 57.35	0.8543	.0261	67 6 25.0	14.294	.081	2	19.2	66 965
1170	1096	7.3	2 44.99	0.4646	.0451	70 18 26.3	14.343	.041	3	19.5	70 858
1171	1095	8.6	9 2 52.00	+0.8399	−0.0269	−67 19 18.8	−14.350	−0.079	2-3	19.2	67 1030
1172	1097	8.8	3 11.34	0.6541	.0355	68 56 0.4	14.370	.060	3	21.2	68 886
1173	1099	8.9	3 39.16	0.1967	.0613	72 5 10.3*	14.398	.014	3	21.2	71 783
1174	1098	9.0	3 55.55	0.8411	.0270	67 24 29.5	14.414	.079	2	19.2	67 1031
1175	1102	8.9	4 15.01	0.6195	.0375	69 17 46.6	14.434	.057	3	20.5	69 1005
1176	1101	8.3	9 4 22.40	+0.8011	−0.0289	−67 48 33.4	−14.442	−0.075	3	20.1	67 1034
1177	1100	9.1	4 24.00	0.9607	.0221	66 18 45.5*	14.443	.091	2	20.7	66 973
1178	1103	9.0	4 41.46	0.8226	.0280	67 38 43.0	14.461	.077	3	19.8	67 1036
1179	—	(5.6)	4 57.57	0.1767	.0632	72 18 2.5	14.477	.012	F	(21.2)	72 779
1180	1105	6.0	5 2.19	0.5014	.0440	70 14 10.3	14.482	.044	3	21.2	70 861
1181	1104	8.2	9 5 6.53	+0.6320	−0.0372	−69 16 22.0	−14.486	−0.058	4	19.2	69 1009
1182	1106	8.6	5 25.84	0.5487	.0416	69 55 43.8*	14.506	.049	3	21.2	69 1011
1183	1107	8.7	5 57.10	0.7741	.0305	68 11 11.1	14.537	.072	2	19.2	67 1038
1184	1108	9.0	6 8.10	0.8037	.0292	67 56 43.5	14.548	.074	3	21.2	67 1039
1185	1109	8.8	6 27.00	0.4565	.0470	70 39 57.6	14.567	.040	3	20.1	70 863
1186	1110	7.8	9 6 44.32	+0.7514	−0.0317	−68 27 2.5	−14.584	−0.069	4	19.7	68 896
1187	1111	(8.5)	7 3.73	0.7816	.0304	68 13 23.3	14.604	.072	2	19.1	68 897
1188	1112	8.8	8 25.82*	1 0077	.0208	66 13 47.9	14.686	.094	3	21.9	66 978
1189	1113	8.9	8 26.99	0.7517	.0321	68 36 15.1	14.687	.068	2-3	22.3	68 901
1190	1114	(8.4)	8 40.59	0.4630	.0474	70 48 23.4	14.700	.040	3	20.1	70 864
1191	1115	8.9	9 9 13.30	+0.7893	−0.0305	−68 21 18.5	−14.732	−0.072	3	21.2	68 902
1192	1116	8.7	9 15.92*	0.8293	.0287	68 0 42.1	14.735	.076	3	20.2	67 1043
1193	1120	8.5	9 47.81	0.3452	.0549	71 40 12.8	14.767	.028	2	19.7	71 794
1194	1117	9.1	9 48.91	0.9893	.0218	66 33 12.4	14.768	.091	3	21.1	66 983
1195	1123	8.8	10 0.66	0.3144	.0570	71 52 41.1	14.779	.025	3	21.2	71 795
1196	1118	9.0	9 10 14.11	+1.0077	−0.0211	−66 24 37.8	−14.792	−0.093	3	21.2	66 985
1197	1122	8.9	10 15.32	0.6726	.0366	69 24 35.9	14.794	.060	3	21.2	69 1019
1198	1119	8.9	10 16.75	0.9721	.0226	66 46 17.6*	14.795	.089	4	21.0	66 986
1199	1121	8.8	10 20.11*	0.9734	.0225	66 45 49.6	14.798	.089	2	21.2	66 988
1200	1125	8.9	10 25.75	0.7104	.0347	69 7 28.4	14.804	.064	3	21.2	68 905

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1201	1124	(7.3)	$9^h10^m27^s.39$	+0.s7327	−0.s0336	−68°56′44″.1	−14″.805	−0″.066	3	20.5	68° 904
1202	1126	7.8	10 49.85	0.9112	.0253	67 24 44.9*	14.828	.083	3	20.6	67 1047
1203	1128	7.6	10 53.38	0.7438	.0331	68 53 37.5	14.831	.067	2	21.1	68 906
1204	1127	8.9	11 2.06	1.0151	.0209	66 24 54.7	14.839	.093	2	20.1	66 990
1205	1129	8.1	11 8.28	0.8009	.0304	68 26 6.5	14.846	.072	3	21.2	68 907
1206	1130	9.0	9 11 46.36	+0.9442	−0.0240	−67 11 29.3	−14.883	−0.086	3	21.2	66 992
1207	1131	9.0	12 11.38*	1.0197	.0209	66 29 11.0	14.908	.093	3	21.5	66 993
1208	1132	(3.4)	12 22.98	0.6972	.0359	69 24 28.8	14.918	.062	F	(20.2-20.1)	69 1023
1209	—	9.0	12 30.93	0.2701	.0612	72 21 48.8	14.926	.020	2	21.3	72 793
1210	1134	7.8	13 7.74	0.4446	.0503	71 18 21.5	14.962	.037	2	20.1	71 802
1211	1133	7.6	9 13 8.99	+0.8033	−0.0308	−68 36 18.2	−14.963	−0.072	3	20.6	68 910
1212	1135	8.6	13 37.20	0.8802	.0272	67 58 16.5	14.991	.079	3	21.1	67 1053
1213	1137	9.1	13 42.22*	0.7812	.0320	68 50 44.5	14.995	.069	3	21.2	68 911
1214	1136	9.0	13 44.68	1.0115	.0215	66 43 36.4	14.998	.091	3	21.2	66 996
1215	1139	9.2	14 3.82	0.6985	.0363	69 33 12.1	15.016	.061	3	21.2	69 1027
1216	1138	8.9	9 14 9.64	+1.0453	−0.0201	−66 25 28.1	−15.022	−0.094	3	21.2	66 997
1217	1141	8.7	14 19.97	0.6696	.0379	69 48 13.9	15.032	.058	3	19.8	69 1028
1218	1140	9.0	14 33.81	0.9808	.0229	67 6 56.3*	15.045	.088	3	19.2	66 998
1219	1142	9.3	14 38.99	0.6231	.0405	70 11 8.7	15.050	.054	3	20.9	69 1029
1220	1145	8.7	15 7.35	0.3828	.0549	71 52 27.6	15.077	.030	3	21.2	71 805
1221	1144	8.5	9 15 13.42	+0.7401	−0.0344	−69 19 44.0	−15.083	−0.065	3	21.1	69 1030
1222	1147	8.5	15 13.75	0.3861	.0548	71 51 46.8	15.083	.031	2	20.1	71 806
1223	1143	8.7	15 18.81	1.0186	.0214	66 48 59.0	15.088	.091	3	21.2	66 999
1224	1146	9.1	15 35.60	0.9095	.0263	67 53 56.6*	15.105	.081	3	20.6	67 1058
1225	1148	9.1	15 57.01	0.9179	.0259	67 51 23.7	15.125	.081	2-3	21.1-21.2	67 1060
1226	1149	7.3	9 16 1.02	+0.9709	−0.0236	−67 21 37.7	−15.129	−0.086	3	20.9	67 1061
1227	1150	8.7	16 7.54	1.0826	.0189	66 14 28.1	15.135	.097	3	21.2	66 1000
1228	1153	8.9	16 13.98	0.7544	.0340	69 18 28.7	15.141	.066	3	21.2	69 1033
1229	1151	6.5	16 14.73	0.8643	.0285	68 22 21.6	15.142	.076	3	21.2	68 918
1230	1152	8.6	16 25.66	1.0728	.0193	66 22 29.4	15.152	.096	3	19.8	66 1001
1231	1154	6.2	9 16 34.48	+1.0396	−0.0207	−66 44 4.2	−15.161	−0.093	3	21.1	66 1002
1232	1156	9.0	16 37.39	0.6228	.0412	70 22 3.3	15.164	.053	3	21.2	70 875
1233	1155	9.0	16 37.72	0.6622	.0390	70 4 21.3	15.164	.057	4	19.2	69 1034
1234	1157	7.6	17 0.52	0.7414	.0349	69 29 16.5	15.186	.064	5-6	20.8	69 1035
1235	1159	9.1	17 13.22	0.7576	.0341	69 22 33.4	15.198	.066	3	21.2	69 1037
1236	1158	8.8	9 17 21.09	+0.9996	−0.0225	−67 13 6.2	−15.205	−0.088	3	21.2	67 1063
1237	1161	8.9	17 37.57	0.5693	.0446	70 50 48.6	15.221	.048	3	20.9	70 876
1238	1160	8.8	17 54.42	0.9856	.0232	67 24 46.0	15.237	.087	2	19.2	67 1066
1239	—	(9.0)	18 2.44	0.3519	.0583	72 18 44.7	15.244	.027	1	23.3	72 801
1240	1162	8.0	18 13.42	1.0194	.0218	67 6 44.7	15.255	.090	3	20.1	66 1005
1241	1163	8.9	9 18 21.96	+0.9826	−0.0235	−67 29 22.3	−15.263	−0.086	3	21.2	67 1067
1242	1164	8.0	19 5.86	0.6100	.0427	70 41 21.2	15.304	.051	7	20.0	70 878
1243	—	8.0	19 6.90	1.1191	.0178	66 10 11.1	15.305	.099	3	21.1	65 1103
1244	1165	8.3	19 30.17	0.9371	.0257	68 2 20.9	15.327	.081	4	19.7	67 1070
1245	1166	8.5	19 38.20	0.9637	.0245	67 48 11.2	15.335	.084	3	21.2	67 1071
1246	1168	8.8	9 19 53.05	+0.6098	−0.0430	−70 45 48.2	−15.349	−0.051	3	21.2	70 879
1247	1167	8.2	20 2.77	0.8375	.0307	68 59 4.4*	15.358	.072	2	19.2	68 927
1248	1169	9.0	20 21.58*	0.4171	.0551	72 6 27.6	15.375	.032	3	21.2	71 819
1249	—	(9.1)	20 47.98	0.5866	.0447	71 0 49.9	15.400	.048	3	19.2	70 881
1250	1170	8.9	21 9.60	0.5929	.0444	71 0 9.4	15.420	.049	1	19.2	70 885

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1251	1171	8.3	9h21m44s.52	+0s.8672	−0s.0296	−68°53′52″.0	−15″.453	−0″.074	3	20.1	68° 934
1252	1174	8.8	22 28.41	0.6792	.0398	70 29 38.2	15.493	.056	4	21.0	70 887
1253	1172	8.9	22 34.49	1.0183	.0225	67 35 4.5	15.499	.088	3	20.9	67 1077
1254	1173	8.8	22 42.35	1.1376	.0174	66 22 0.4	15.506	.098	4	19.7	66 1014
1255	1175	8.6	22 42.45	0.9437	.0260	68 18 37.6	15.506	.080	3	19.2	68 937
1256	1176	8.1	9 22 43.64*	+0.5443	−0.0480	−71 29 7.6	−15.507	−0.044	3	21.2	71 822
1257	1177	9.1	23 11.70	0.9962	.0236	67 52 0.6*	15.533	.085	3	21.2	67 1078
1258	1179	7.3	23 39.70	0.7890	.0341	69 45 3.0	15.559	.066	3	21.2	69 1056
1259	1178	8.0	23 41.59	1.0292	.0222	67 35 56.5	15.561	.088	4	19.2	67 1080
1260	1180	7.8	23 43.79	0.7481	.0363	70 5 7.1	15.563	.062	4	20.9	69 1057
1261	1182	(9.0)	9 23 49.60	+0.6603	−0.0413	−70 45 55.1	−15.568	−0.054	2	20.7	70 890
1262	1183	8.5	23 50.00	0.5669	.0470	71 25 58.7*	15.569	.045	3	21.2	71 825
1263	1181	8.3	24 2.42	0.9879	.0241	68 2 13.1	15.580	.084	3	20.9	67 1082
1264	1184	8.9	24 23.78	0.7563	.0361	70 5 13.0	15.599	.063	3	20.1	69 1059
1265	1185	8.0	24 30.59	0.8521	.0310	69 18 39.8	15.606	.071	3	21.2	69 1060
1266	1186	8.7	9 24 46.49*	+0.9916	−0.0241	−68 4 53.1	−15.621	−0.084	2-3	20.7-20.2	67 1083
1267	1187	8.4	25 15.55	0.9033	.0285	68 56 34.5	15.647	.076	3	21.2	68 945
1268	1189	9.1	25 46.20	0.5391	.0495	71 48 10.0	15.675	.042	4	19.7	71 829
1269	1188	8.1	25 49.88	1.1808	.0159	66 14 47.2	15.678	.100	4	21.5	66 1016
1270	1190	8.9	26 13.85	0.8346	.0323	69 38 7.5	15.700	.069	3	21.2	69 1070
1271	1192	6.6	9 26 22.65	+0.6236	−0.0444	−71 16 32.9	−15.708	−0.050	8-7	21.0-20.9	71 833
1272	1191	8.2	26 40.01	1.0533	.0213	67 41 11.2	15.723	.089	3	19.2	67 1086
1273	1193	6.6	27 2.75	1.1820	.0160	66 22 26.3	15.744	.100	6	21.0	66 1018
1274	1195	6.7	27 6.26	0.6083	.0456	71 27 13.2*	15.747	.048	2	21.1	71 835
1275	1196	9.0	27 19.64	0.7529	.0371	70 24 20.6	15.758	.061	2-3	21.2-20.9	70 905
1276	1197	8.9	9 27 31.28*	+0.6320	−0.0443	−71 19 35.6	−15.770	−0.049	3	22.3	71 836
1277	1194	9.0	27 35.14	1.1824	.0161	66 25 58.9	15.773	.100	3	21.2	66 1019
1278	1198	7.9	27 48.55*	0.5239	.0513	72 5 35.6	15.785	.040	4	19.2	71 837
1279	1199	8.9	28 15.67	0.9974	.0244	68 24 16.3	15.810	.083	3	21.2	68 952
1280	1200	8.1	28 43.24	1.1443	.0174	66 52 18.3	15.834	.096	3	22.2	66 1022
1281	1201	8.6	9 28 52.90	+0.5370	−0.0509	−72 6 28.2	−15.843	−0.041	4	19.7	71 839
1282	1204	8.8	29 11.06	0.5648	.0492	71 57 3.4	15.859	.044	3	21.2	71 840
1283	1205	9.0	29 25.00	0.7112	.0402	70 56 5.0	15.871	.057	3	21.2	70 909
1284	1202	8.5	29 33.75	1.1495	.0176	67 1 19.3	15.879	.096	3	21.1	66 1024
1285	1203	8.7	29 34.58	1.0695	.0212	67 51 4.2	15.880	.088	5	19.2	67 1089
1286	1207	8.5	9 29 59.94	+0.6765	−0.0424	−71 14 55.0	−15.902	−0.053	2	20.1	71 843
1287	1206	7.0	30 2.68	1.2124	.0151	66 23 14.1	15.903	.101	3	21.2	66 1025
1288	1208	(9.0)	30 5.28	0.6515	.0440	71 26 13.8	15.907	.051	2	20.7	71 844
1289	1209	7.3	30 44.34	0.8305	.0337	70 8 12.7	15.942	.067	3	21.2	69 1079
1290	1210	8.8	31 2.27	0.7211	.0401	71 1 22.8	15.958	.057	3	21.2	70 913
1291	1212	8.1	9 31 9.39	+0.5655	−0.0500	−72 8 7.0	−15.964	−0.043	3	21.2	71 847
1292	—	(8.8)	31 10.31	0.5415	.0516	72 17 43.5	15.965	.041	1	23.3	72 836
1293	1214	(8.8)	31 23.14*	0.7185	.0404	71 4 41.2	15.976	.055	3	20.5	70 914
1294	1211	8.4	31 26.38	1.1432	.0182	67 18 31.2	15.979	.094	3	21.1	67 1094
1295	1213	8.6	31 36.66	1.0543	.0222	68 13 57.5	15.988	.086	4	19.2	68 962
1296	1215	8.8	9 32 4.72	+0.9343	−0.0284	−69 23 55.4	−16.012	−0.075	3	21.5	69 1083
1297	1216	8.9	32 7.80	0.9502	.0275	69 15 49.1	16.015	.077	3	21.2	69 1084
1298	—	7.7	32 9.14	0.5487	.0515	72 20 31.5	16.016	.041	2	22.3	72 838
1299	1217	8.7	32 18.76	0.9420	.0280	69 21 23.2	16.025	.076	3	21.2	69 1085
1300	1219	8.5	32 21.01	0.6311	.0461	71 48 17.5	16.027	.048	3	21.2	71 850

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1301	1218	9.2	$9^h 32^m 40^s.83$	$+1^s.0648$	$-0^s.0219$	$-68°15'\ 7''.4$	$-16''.044$	$-0''.086$	3	21.2	68° 965
1302	1220	8.8	33 17.50	0.8067	.0357	70 35 47.2	16.076	.063	4	19.2	70 918
1303	1223	8.8	34 9.77	0.7328	.0404	71 15 17.3	16.122	.057	3	20.9	71 853
1304	1221	7.5	34 18.36	1.1214	.0195	67 52 25.6	16.129	.090	3-4	19.2	67 1098
1305	1222	8.7	34 25.08	1.2100	.0156	66 56 33.7	16.135	.098	4	19.7	66 1030
1306	—	8.1	9 35 18.29	+1.2952	−0.0121	−66 4 20.0	−16.181	−0.104	4	21.3	65 1118
1307	1224	8.6	35 31.96	0.8040	.0365	70 51 14.7	16.193	.062	2-3	19.2	70 921
1308	1225	8.2	36 1.01	1.2803	.0128	66 20 20.9	16.217	.103	3	20.1	66 1031
1309	1227	8.9	36 7.08*	0.6425	.0468	72 6 4.4	16.223	.048	3-4	21.5-21.4	71 857
1310	1226	8.7	36 7.12	0.7471	.0401	71 21 2.6	16.223	.057	6	20.8	71 856
1311	1229	8.4	9 36 48.31	+1.0576	−0.0229	−68 47 59.0	−16.258	−0.083	3	20.9	68 969
1312	1228	8.8	36 51.09	1.2876	.0125	66 21 33.1	16.260	.103	3	19.2	66 1032
1313	1230	7.8	37 10.23	1.2774	.0130	66 31 11.5	16.276	.102	3	21.2	66 1033
1314	1231	8.7	37 10.37	1.2937	.0123	66 19 41.8	16.276	.103	4	21.0	66 1034
1315	1232	8.7	37 30.69	1.1204	.0199	68 15 57.3	16.294	.088	4	19.7	68 972
1316	1233	8.2	9 37 38.97	+1.2199	−0.0154	−67 13 55.7*	−16.301	−0.097	3	21.2	67 1102
1317	1234	9.0	37 56.99	0.9933	.0264	69 31 51.0	16.316	.077	3	19.2	69 1095
1318	—	8.8	37 57.13	0.6341	.0481	72 20 36.9	16.316	.047	3	21.2	72 848
1319	—	8.7	38 4.79	0.6336	.0482	72 21 36.5	16.323	.047	3	21.1	72 849
1320	1235	9.0	39 23.14	0.9651	.0527	69 56 44.8	16.389	.074	2	20.1	69 1098
1321	—	(8.6)	9 39 28.47	+1.3274	−0.0111	−66 13 22.7	−16.393	−0.104	1	23.3	65 1125
1322	1236	8.9	39 31.78	1.0409	.0242	69 16 38.3	16.396	.080	3	21.2	69 1099
1323	1237	8.7	39 50.05	1.3172	.0115	66 23 35.1	16.411	.103	4	19.2	66 1036
1324	1239	8.8	39 53.87	0.9303	.0303	70 18 14.8	16.415	.071	4	19.2	70 931
1325	1238	8.7	39 53.97	1.1649	.0181	68 6 1.0	16.415	.090	3	21.2	67 1107
1326	1240	8.7	9 40 10.16	+1.2155	−0.0158	−67 35 47.4	−16.428	−0.095	4	21.0	67 1110
1327	1241	7.6	40 10.80	1.1623	.0183	68 9 42.8	16.429	.090	7	20.4	67 1111
1328	1242	7.1	40 35.29	1.3105	.0118	66 34 16.1	16.449	.102	3	20.9	66 1042
1329	1244	8.9	40 44.82	0.7464	.0417	71 50 38.4	16.457	.055	4	21.2	71 864
1330	1243	9.3	40 49.10	1.0611	.0234	69 14 23.2	16.461	.081	3	21.2	69 1102
1331	1245	7.7	9 41 8.07	+1.1802	−0.0176	−68 5 39.0	−16.476	−0.091	3	21.1	67 1113
1332	1246	9.0	41 18.24	0.7453	.0420	71 54 39.8	16.485	.055	3	21.2	71 865
1333	1248	8.8	41 40.19	0.9846	.0276	70 2 15.7	16.503	.074	3	19.2	69 1104
1334	1247	8.6	41 40.80	1.0968	.0217	69 0 8.3	16.503	.084	2-4	19.2	68 976
1335	1249	7.2	41 43.74	0.7604	.0411	71 50 47.3	16.506	.056	6	21.2	71 866
1336	1250	8.9	9 42 8.80	+1.1364	−0.0198	−68 40 7.3	−16.527	−0.087	3	21.2	68 979
1337	1251	8.8	42 18.44	1.3205	.0115	66 40 43.1	16.534	.102	3	21.2	66 1052
1338	1252	8.9	42 19.71	1.0666	.0233	69 22 7.9	16.536	.081	2	20.1	69 1106
1339	1253	8.4	42 29.39	1.1822	.0176	68 14 33.3	16.544	.090	3	20.9	68 980
1340	1255	8.9	42 51.89	1.0114	.0264	69 56 25.2	16.562	.076	2-3	21.7-21.5	69 1109
1341	1254	(8.0)	9 42 52.22	+1.0650	−0.0235	−69 26 54.9	−16.562	−0.080	3	20.5	69 1108
1342	1256	7.6	43 34.20	1.3525	.0102	66 27 44.4	16.597	.104	4	21.2	66 1061
1343	1257	8.5	43 34.98	0.9692	.0289	70 23 41.9	16.597	.072	3	21.2	70 938
1344	1259	(7.3)	43 44.41	1.0797	.0229	69 24 56.6	16.605	.081	4	19.2	69 1112
1345	1258	9.0	43 48.18	1.1535	.0192	68 42 8.1	16.608	.087	2-3	19.2	68 983
1346	1260	8.8	9 43 57.25	+1.2924	−0.0128	−67 13 34.0	−16.615	−0.098	4	19.7	66 1069
1347	1261	(7.3)	44 22.52	1.0510	.0246	69 46 15.3	16.640	.079	2	21.7	69 1115
1348	1262	8.7	44 45.78	1.2940	.0128	67 18 50.8	16.655	.098	3	20.9	67 1129
1349	1263	8.2	44 55.71	0.8607	.0357	71 26 21.3	16.663	.063	3	21.2	71 872
1350	1264	8.5	45 43.67	1.2509	.0147	67 55 30.8	16.702	.094	3	21.2	67 1139

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	No Obs.	Ep.	C. P. D.
1351	1268	8.2	9h45m45s.55	+0s.8431	—0s.0371	—71°40′ 8″.6	—16″.703	—0″.061	4	21.2	71° 876
1352	1266	9.1	45 53.19	1.0867	.0229	69 36 47.9	16.709	.080	3	21.2	69 1116
1353	1265	(9.0)	46 0.55	1.2740	.0137	67 42 22.0	16.715	.095	3	19.2	67 1141
1354	1267	7.8	46 10.18	1.3774	.0093	66 30 48.7	16.723	.104	3	21 2	66 1085
1355	1269	9.0	46 19.57	1.2105	.0167	68 26 10.4	16.731	.090	3	21.2	68 988
1356	1270	9.4	9 46 51.09	+0.8952	—0.0341	—71 23 15.8	—16.756	—0.064	2	20.7	71 877
1357	1271	8.6	47 29.51	1.0193	.0269	70 25 23.6	16.787	.074	4	19.7	70 945
1358	1272	9.0	47 51.10	1.3444	.0108	67 8 38.2	16.804	.100	4	19.2	66 1095
1359	1273	(8.0)	47 51.79	1.1010	.0224	69 43 24.9	16.804	.080	2	20.1	69 1125
1360	1275	7.8	48 21.29	1.2695	.0141	68 4 7.0	16.828	.093	4	19.2	67 1149
1361	1274	(8.5)	9 48 27.22	+1.4128	—0.0080	—66 23 23.3	—16.833	—0.105	3	20.5	66 1098
1362	1277	9.3	48 35.48	0.8530	.0373	71 54 54.5	16.839	.060	3	21.1	71 878
1363	1276	8.3	48 48.08	1.3848	.0091	66 47 18.2	16.849	.102	3	21.2	66 1101
1364	1278	9.0	49 26.13	1.3078	.0098	67 5 2.5	16.879	.100	3-4	21.2	66 1108
1365	1280	8.4	49 54.95	0.8888	.0354	71 47 32.7	16.902	.062	4	19.7	71 879
1366	1279	8.3	9 50 5.92	+1.4273	—0.0074	—66 26 27.0*	—16.910	—0.104	4	19.2	66 1110
1367	1284	9.0	50 21.46	0.8636	.0371	72 2 14.5	16.922	.060	3	21.2	71 881
1368	1281	(8.5)	50 30.12	1.4054	.0083	66 46 26.8	16.929	.102	3	20.5	66 1111
1369	1283	8.7	50 31.60	1.1659	.0194	69 26 8.1	16.930	.084	2-3	20.1	69 1127
1370	1282	8.5	50 38.18	1.3687	.0098	67 14 32.8	16.935	.100	3-4	19.2	67 1158
1371	1285	8.8	9 51 6.55	+1.3106	—0.0124	—67 59 5.6	—16.957	—0.095	3	21.1	67 1160
1372	1286	8.7	51 6.65	1.3049	.0127	68 2 56.8	16.958	.094	3	21.2	67 1161
1373	1287	7.2	51 17.37	0.9348	.0328	71 35 22.9	16.966	.065	6	21.1	71 882
1374	1288	7.6	51 33.39	0.9981	.0290	71 5 58.7	16.978	.070	3	21.2	70 949
1375	1289	8.2	52 6.29	1.4085	.0082	66 57 57.1	17.004	.101	3	21.2	66 1120
1376	1290	7.3	9 52 20.21	+1.1792	—0.0189	—69 32 25.2	—17.015	—0.084	4	19.7	69 1128
1377	1291	8.7	52.37.62*	1.3820	.0094	67 21 54.2	17.028	.099	6-8	19.2	67 1165
1378	1292	8.2	52 37.73	1.2103	.0174	69 15 59.6	17.028	.086	3	21.2	69 1129
1379	1293	9.0	52 53.06	1.4288	.0074	66 49 29.6	17.040	.102	3	21.2	66 1122
1380	1294	(7.0)	53 32.26	1.2637	.0148	68 49 58.5	17.070	.089	3	20.5	68 1002
1381	1295	8.2	9 53 37.41	+1.2994	—0.0131	—68 27 25.5	—17.074	—0.092	3	20.9	68 1003
1382	1296	8.8	53 43.17	1.0880	.0241	70 34 59.4	17.078	.076	3	21.2	70 950
1383	1297	8.6	53 57.95	0.8978	.0360	72 11 55.1	17.089	.061	2	21.7	71 885
1384	1300	8.9	54 21 13	1.1937	.0184	69 39 46.3*	17.107	.083	3	21.2	69 1133
1385	1298	9.0	54 21.87	1.3347	.0115	68 9 55.2	17.108	.094	3	21.2	67 1167
1386	1301	8.5	9 54 24.76	+1.0784	—0.0248	—70 45 29.7	—17.110	—0.075	3	21.2	70 952
1387	1302	7.5	54 44.93	1.3236	.0121	68 20 43.3	17.125	.093	5	19.2	68 1008
1388	1303	6.7	54 51.74	1.0539	.0264	71 1 54.2	17.130	.072	6	21.2	70 953
1389	1304	7.0	55 23.38	1.2957	.0134	68 44 37.7	17.154	.090	4	19.7	68 1011
1390	1305	8.0	56 24.21	1.4829	.0052	66 39 14.6	17.200	.104	4	21.3	66 1139
1391	1307	7.6	9 56 57.33	+1.0055	—0.0298	—71 42 19.7	—17.225	—0.068	5	20.7	71 895
1392	1306	9.0	57 11.55	1.3727	.0099	68 8 0.8	17.235	.095	3	20.6	67 1177
1393	1308	8.4	57 17.33	1.0550	.0268	71 19 47.8	17.239	.071	5-6	21.0-20.8	71 896
1394	1309	8.6	58 8.59	1.4527	.0065	67 18 21.1	17.277	.100	6	21.0	67 1178
1395	1310	8.6	58 29.20	1.4178	.0080	67 47 19.3	17.293	.097	3	19.5	67 1179
1396	1312	8.2	9 58 58.42	+0.9794	—0.0322	—72 11 45.9	—17.323	—0.064	2	22.8	71 899
1397	1311	8.8	59 1.48	1.5355	.0032	66 21 18.1	17.316	.105	3	21.2	66 1152
1398	1313	8.6	59 19.68	1.2819	.0144	69 26 41.8	17.330	.086	6	20.6	69 1138
1399	1314	7.5	59 49.52	1.1974	.0190	70 21 58.7	17.352	.080	3	21.1	70 957
1400	1315	8.1	59 52.55	1.0196	.0296	71 57 30.9*	17.354	.067	3	21.2	71 901

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1451	1364	8.4	10h11m40s.24	+1s.5103	−0s.0039	−68°43′33″.7	−17″.847	−0″.093	3	21.0	68°1062
1452	1367	(7.9)	11 43.25	1.3377	.0129	70 41 3.5*	17.849	.081	3	20.9	70 1000
1453	1365	8.5	11 49.85	1.5924	.0004	67 41 13.7*	17.853	.098	3	20.0	67 1239
1454	1369	7.8	11 54.34	1.2793	.0158	71 17 47.7	17.856	.077	3	21.2	71 940
1455	1366	9.0	11 54.68	1.5986	.0002	67 37 0.3	17.856	.098	3	20.2	67 1241
1456	1368	(4.2)	10 11 57.32	+1.4352	−0.0074	−69 39 54.4	−17.858	−0.087	F	(20.0)	69 1178
1457	1371	8.9	12 4.15	1.3729	.0106	70 22 12.1	17.863	.083	2	21.2	70 1004
1458	1370	8.9	12 4.24	1.4593	.0063	69 24 15.4	17.863	.089	3	21.2	69 1180
1459	1374	8.7	12 9.95	1.2929	.0150	71 12 12.9	17.866	.078	3	21.3	70 1006
1460	1373	8.9	12 10.41	1.3694	.0108	70 25 24.1	17.867	.083	3-4	21.3	70 1005
1461	1372	8.6	10 12 16.23	+1.5792	−0.0009	−67 56 15.0	−17.871	−0.097	3-4	23.7-22.1	67 1243
1462	—	8.2	12 30.06	1.1794	− .0220	72 18 18.3	17.880	.070	4	20.8	72 918
1463	1375	8.3	12 32.39	1.6659	+ .0025	66 46 12.0	17.881	.102	3	20.6	66 1207
1464	1376	8.4	12 35.46	1.5404	− .0025	68 30 0.3	17.883	.094	2	19.2	68 1067
1465	1377	8.9	12 36.66	1.4787	− .0053	69 15 50.9	17.884	.090	2	19.8	69 1183
1466	1378	8.6	10 12 54.93	+1.6601	+0.0023	−66 55 22.0	−17.896	−0.101	3	20.9	66 1208
1467	1379	7.8	13 1.12	1.6620	+ .0024	66 54 44.5	17.900	.101	3	21.3	66 1209
1468	1382	9.1	13 6.17	1.3228	− .0134	71 2 51.4	17.904	.079	3	21.2	70 1011
1469	1380	8.8	13 9.68	1.6906	+ .0034	66 30 48.0	17.906	.103	3	20.2	66 1210
1470	1381	9.0	13 17.26	1.5892	− .0004	67 58 52.1	17.911	.096	3	21.2	67 1253
1471	1383	8.3	10 13 23.10	+1.4894	−0.0048	−69 15 47.5	−17.915	−0.090	5	20.7	69 1189
1472	1384	8.9	13 39.70	1.4589	.0063	69 40 2.6	17.925	.088	3	20.0	69 1190
1473	1385	(8.2)	13 50.52	1.4421	− .0071	69 53 20.8	17.932	.086	2	20.2	69 1191
1474	—	8.0	15 0.42	1.7318	+ .0050	66 12 58.4	17.978	.104	4	21.3	65 1291
1475	1387	(7.9)	15 12.54	1.4398	− .0073	70 8 14.9	17.986	.085	2	19.8	69 1202
1476	1386	8.5	10 15 15.60*	+1.6302	+0.0013	−67 46 3.9	−17.988	−0.097	3	20.6	67 1266
1477	1388	8.7	15 26.57*	1.3794	− .0104	70 49 50.3	17.995	.081	3-4	19.9-19.7	70 1022
1478	1390	8.7	15 29.79	1.3667	− .0111	70 58 16.6*	17.997	.080	4	20.8	70 1024
1479	1389	8.7	15 48.88	1.6878	+ .0036	67 2 20.5*	18.009	.100	3	20.0	66 1218
1480	1393	8.7	16 34.17	1.5502	− .0020	69 3 12.7	18.038	.091	4	19.2	68 1100
1481	1391	(8.6)	10 16 37.62	+1.7383	+0.0054	−66 25 7.6	−18.040	−0.103	2	20.2	66 1222
1482	1392	8.3	16 39.65	1.7286	.0051	66 34 40.2	18.041	.102	3	21.0	66 1223
1483	1394	8.9	16 57.88	1.6709	.0031	67 29 53.5	18.053	.097	3	21.2	67 1278
1484	1395	8.8	17 6.74	1.7085	.0045	66 58 9.3	18.058	.100	3	21.0	66 1224
1485	1396	9.1	17 24.92	1.7094	+ .0045	67 0 43.6	18.070	.100	3	20.2	66 1225
1486	1398	8.9	10 17 35.08	+1.4255	−0.0081	−70 40 52.7	−18.076	−0.082	3	21.3	70 1036
1487	1397	8.7	17 40.36	1.6571	+ .0026	67 49 31.6	18.080	.097	3	21.2	67 1283
1488	1400	9.1	17 43.07	1.4431	− .0071	70 30 36.5	18.082	.083	3	21.3	70 1037
1489	1399	7.3	17 53.81	1.7299	+ .0053	66 47 24.5	18.088	.101	4	21.3	66 1226
1490	1401	8.9	18 3.11	1.3858	− .0105	71 10 39.2	18.094	.080	4-5	22.8-22.9	70 1038
1491	1402	7.9	10 18 39.39	+1.6794	+0.0036	−67 41 14.6	−18.117	−0.097	3	20.6	67 1292
1492	1403	8.2	18 40.61	1.7162	.0049	67 8 50.2*	18.117	.099	3	20.9	66 1231
1493	1404	8.5	18 41.20	1.7167	+ .0049	67 8 32.6	18.118	.099	5	21.1	66 1232
1494	1407	8.3	18 47.29	1.3404	− .0129	71 45 9.4	18.122	.076	3	20.0	71 976
1495	1405	(8.0)	18 49.16	1.6647	+ .0030	67 55 41.3	18.123	.096	2	20.2	67 1294
1496	1406	8.6	10 18 50.57	+1.4357	−0.0075	−70 46 37.9	−18.124	−0.082	2	21.2	70 1043
1497	1408	8.3	18 53.09	1.4369	.0074	70 46 13.0	18.125	.082	4	21.2	70 1044
1498	1410	8.8	19 10.66	1.4401	− .0073	70 47 2.5	18.136	.082	2	19.8	70 1047
1499	1409	9.2	19 11.57	1.6646	+ .0030	67 59 52.2	18.137	.096	3	21.2	67 1296
1500	1413	8.9	19 23.74	1.3278	− .0137	71 58 17.7	18.144	.075	3	21.3	71 982

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1401	1316	9.0	10h 0m24s.01	+1s.4571	−0s.0063	−67°35′38″.7	−17″.377	−0″.098	3-4	20.6-20.8	67°1185
1402	1317	8.8	0 31.94	1.4967	.0047	67 6 34.3	17.383	.101	3	19.9	66 1159
1403	1318	(8.3)	0 45.88	1.3455	.0114	68 57 50.8	17.393	.090	2	21.3	68 1020
1404	—	9.1	2 16.46	1.5838	.0013	66 12 13.2	17.458	.106	3	20.6	65 1234
1405	1320	9.0	2 49.00	1.3073	.0134	69 40 37.9	17.481	.086	3	19.2	69 1144
1406	1319	9.0	10 2 49.25	+1.3702	−0.0103	−68 59 27.2	−17.481	−0.090	2	19.8	68 1024
1407	1321	9.3	2 52.11	1.2181	.0182	70 35 13.8	17.483	.079	4-3	20.5-20.6	70 962
1408	1323	8.8	3 14.70	1.5454	.0027	66 53 35.9	17.499	.102	3	20.6	66 1172
1409	1322	8.6	3 15.93	1.5848	.0012	66 21 8.6	17.501	.105	3-5	23.0-22.6	66 1171
1410	1325	8.2	3 45.41	1.1084	.0248	71 42 31.1	17 519	.071	2	21.8	71 905
1411	1327	8.9	10 3 48.07	+1.1328	−0.0233	−71 30 26.0	−17.523	−0.080	3	21.0	71 907
1412	1324	7.6	4 1.92	1.4751	.0055	67 55 57.2	17.533	.097	3	19.9	67 1198
1413	1328	9.0	4 3.20	1.2719	.0154	70 13 20.3	17.534	.082	2-3	21.2	69 1146
1414	1326	8.9	4 8.15	1.5365	.0030	67 9 26.6	17.537	.101	3	21.2	66 1176
1415	1329	8.8	4 15.82	1.0663	.0276	72 8 25.9	17.543	.068	3	21.2	71 908
1416	1330	9.0	10 4 59.92	+1.4252	−0.0078	−68 41 16.5	−17.574	−0.092	3	21.3	—
1417	1331	8.6	5 4.23	1.1632	.0217	71 24 26.3	17.577	.074	3	20.2	71 909
1418	1332	8.9	5 6.33	1.1236	.0241	71 45 49.9	17.578	.071	4	21.3	71 910
1419	1334	7.5	5 30.87	1.2020	.0195	71 6 37.5	17.595	.076	2	19.8	70 966
1420	1333	(8.4)	5 39.47	1.4919	.0048	67 58 44.7	17.601	.097	2	20.2	67 1204
1421	1335	9.0	10 5 45.04	+1.3441	−0.0117	−69 42 58.3	−17.605	−0.086	4	19.2	69 1149
1422	1336	8.5	6 9.74	1.5001	.0044	67 57 21.0	17.622	.097	3	20.6	67 1207
1423	1338	8.9	6 18.69	1.1312	.0239	71 51 41.0	17.629	.071	3	21.0	71 915
1424	1337	8.3	6 19.93	1.2347	.0177	70 54 56.1	17.629	.078	5-4	20.6-20.8	70 968
1425	1339	8.8	7 6.94	1.4985	.0045	68 7 44.8	17.662	.096	3	20.2	67 1210
1426	1342	8.6	10 7 29.65	+1.3423	−0.0119	−69 59 47.2	−17.678	−0.085	3	21.0	69 1155
1427	1340	8.2	7 33.66	1.5195	.0036	67 56 8.0	17.680	.097	3	21.2	67 1213
1428	1341	8.8	7 37.22	1.5745	.0013	67 13 0.7	17.683	.100	3	21.2	66 1191
1429	1343	6.5	7 38.87	1.4906	— .0048	68 18 50.3	17.684	.095	3-4	19.9-19.7	68 1034
1430	—	7.6	7 56.22	1.6476	+ .0014	66 13 49.3	17.696	.105	3	21.2	65 1259
1431	1344	9.0	10 7 58.95	+1.4849	−0.0051	−68 26 19.1	−17.698	−0.094	2	19.8	68 1036
1432	1347	8.7	8 12.75	1.2969	.0144	70 34 28.9	17.707	.081	3	21.3	70 976
1433	1346	(9.0)	8 12.93	1.3654	.0108	69 51 27.4	17.707	.086	2	20.2	69 1156
1434	1349	9.0	8 14.02	1.1860	.0208	71 38 26.9	17.708	.073	3-4	21.3	71 923
1435	1345	7.6	8 20.99	1.6066	.0001	66 53 36.6	17.713	.102	3	20.6	66 1194
1436	1348	7.5	10 8 32.71	+1.5671	−0.0076	−67 28 16.9	−17.721	−0.099	4	20.8	67 1216
1437	1350	8.8	8 36.03	1.5558	.0021	67 37 58.1*	17.723	.098	4	20.5	67 1217
1438	1351	8.8	9 2.63	1.4492	.0067	69 2 19.0	17.741	.091	4	19.2	68 1043
1439	1353	9.0	9 8.88*	1.4296	.0076	69 17 2.3	17.745	.089	3	22.0	69 1163
1440	1352	7.0	9 15.25	1.5722	.0014	67 31 18.0	17.750	.099	4	21.0	67 1222
1441	1354	7.9	10 9 24.49	+1.4323	−0.0075	−69 17 37.0	−17.756	−0.089	4	20.8	69 1164
1442	1355	9.0	9 31.70	1.5468	.0024	67 54 21.3	17.761	.097	3	21.2	67 1225
1443	1357	8.9	9 39.57	1.1583	.0228	72 5 17.0	17.766	.071	3	21.2	71 930
1444	1356	8.9	9 48.68	1.5106	.0039	68 24 55.9*	17.772	.094	3	21.3	68 1052
1445	1359	8.7	9 58.76	1.4369	.0073	69 19 50.8	17.779	.089	4	19.7	69 1168
1446	1358	9.1	10 10 0.65	+1.5508	−0.0022	−67 56 2.1	−17.780	−0.097	3	20.2	67 1226
1447	1360	8.1	10 20.55	1.6699	+ .0024	66 19 11.3	17.794	.104	2	19.8	66 1201
1448	1361	8.5	10 21.54	1.5731	— .0013	67 41 48.6	17.794	.098	4	21.3	67 1231
1449	1362	8.7	10 56.73	1.4397	.0072	69 27 10.3	17.818	.088	3	20.6	69 1172
1450	1363	9.0	11 5.74	1.4608	.0062	69 13 46.3*	17.824	.090	2	20.7	68 1060

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1501	1411	8.6	10h19m29s.56	+1s.7101	+0s.0048	−67°23′35″.6	−18″.148	−0″.098	4	19.2	67°1297
1502	1412	8.6	19 33.88	1.6001	.0004	68 56 28.0	18.151	.091	3	20.6	68 1122
1503	1414	8.1	19 40.97	1.6008	+ .0005	68 57 14.4	18.155	.091	3	21.3	68 1124
1504	1415	8.9	20 2.96	1.3472	— .0126	71 53 10.8	18.169	.075	3	20.6	71 986
1505	1416	6.0	20 44.65	1.7817	+ .0074	66 31 17.8	18.194	.101	3	20.5	66 1243
1506	1417	8.9	10 20 54.63	+1.3938	−0.0099	−71 33 25.5	−18.200	−0.077	4	19.4	71 995
1507	1418	8.6	21 15.58*	1.6895	+ .0042	68 1 41.1*	18.213	.095	3	20.0	67 1312
1508	1419	8.5	21 22.01	1.8048	.0083	66 15 55.4	18.217	.102	3	21.0	66 1247
1509	1420	8.3	21 22.49	1.7001	+ .0047	67 53 51.7	18.217	.096	3	21.2	67 1313
1510	1421	8.2	21 44.53	1.5171	— .0033	70 20 55.1	18.231	.084	2	20.2	70 1064
1511	1423	8.4	10 22 0.78	+1.4325	−0.0078	−71 20 6.3	−18.240	−0.079	3	21.2	71 999
1512	1422	(8.6)	22 5.68	1.7196	+ .0055	67 44 56.7	18.243	.096	3	20 3	67 1320
1513	1424	7.4	22 15.33	1.5914	+ .0002	69 32 11.5	18.249	.088	3	21.2	69 1235
1514	1425	7.8	22 45.85	1.4540	— .0066	71 13 50.3	18.267	.080	3-4	19.2	70 1076
1515	1426	8.6	23 39.63	1.8331	+ .0095	66 15 18.5	18.300	.101	3	21.3	66 1260
1516	1428	8.8	10 23 43.80	+1 6536	+0.0030	−68 59 38.0	−18.302	−0.090	4	19.9	68 1144
1517	1427	8.8	23 47.00	1.7748	+ .0077	67 14 7.5	18.304	.098	4	21.3	66 1262
1518	1429	8.8	23 47.22*	1.7276	— .0060	67 57 29.2	18.304	.095	3	21.0	67 1329
1519	1430	8.7	24 9.11	1.3848	— .0106	72 10 34.3	18.317	.074	3	20.5	71 1015
1520	1432	8.4	24 53.98	1.6319	+ .0022	69 29 58.8	18.344	.088	3	20.3	69 1251
1521	1431	8.4	10 24 56.76	+1.7322	+0.0063	−68 6 55.8	−18.345	−0.094	3	20.0	67 1338
1522	1434	8.7	25 21.56	1.5726	— .0005	70 19 47.6	18.360	.084	5	19.2	70 1091
1523	1433	8.8	25 27.59	1.8115	+ .0092	66 59 13.8	18.363	.098	3	20.4	66 1278
1524	1435	8.9	25 53.48	1.8524	.0105	66 23 21.5	18.378	.100	3	20.9	66 1281
1525	1437	8.9	26 11.35	1.6098	.0014	70 1 18.6	18.389	.085	3	21.2	69 1258
1526	1436	8.7	10 26 15.10	+1.7174	+0.0059	−68 35 17.2	−18.391	−0.092	3-4	19.2-19.7	68 1164
1527	1438	8.9	26 29.64	1.8642	+ .0110	66 18 45.2	18.399	.100	3	21.2	66 1285
1528	—	8.7	26 46.93	1.4195	— .0087	72 16 4.4	18.409	.074	2	21.3	72 971
1529	1439	9.0	27 2.66*	1.6628	+ .0038	69 29 46.7	18.418	.088	3	20.2	69 1266
1530	1440	8.7	27 4.65	1.5053	— .0038	71 24 49.5	18.420	.079	3	21.3	71 1027
1531	1441	8.8	10 27 5.73	+1.5492	−0.0015	−70 55 10.3	−18.420	−0.081	5	20.9	70 1101
1532	1443	8.6	27 32.98	1.5577	.0010	70 54 14.6	18.436	.081	3	19.2	70 1105
1533	1445	8.8	27 48.68	1.5635	— .0008	70 53 0.3	18.445	.081	2	19.8	70 1106
1534	1442	7.0	27 48.90	1.8640	+ .0112	66 35 58.1	18.445	.098	3	19.7	66 1291
1535	1447	8.0	27 52.09	1.4400	— .0075	72 14 37.9	18.447	.074	3	20.6	71 1031
1536	1444	8.3	10 27 54.09	+1.7682	+0.0081	−68 10 1.2	−18.448	−0.093	3-4	20.6-20.3	67 1368
1537	1446	8.5	27 56.00	1.6492	.0033	69 50 41.9*	18.449	.086	3	20.5	69 1273
1538	1450	7.7	28 8.35	1.6001	.0010	70 30 11.6	18.456	.084	5-6	23.0-23.8	70 1108
1539	1448	9.5	28 9.80	1.7710	+ .0082	68 10 38.0	18.457	.093	3	21.0	67 1370
1540	1451	8.7	28 11.08	1.5439	— .0018	71 10 36.5	18.458	.080	3	21.2	70 1111
1541	1449	8.8	10 28 20.69	+1.8808	+0.0118	−66 25 11.0	−18.463	−0.099	3	21.2	66 1295
1542	1453	5.5	28 26.52	1.5097	— .0036	71 36 23.3	18.466	.078	3	20.2	71 1034
1543	1452	9.0	28 28.27	1.7473	+ .0074	68 35 38.4	18.467	.091	3	19.9	68 1183
1544	1456	8.7	28 46.39	1 5783	.0000	70 53 2.7	18.478	.081	3	21.2	70 1114
1545	1454	7.8	28 49.63	1.8342	.0105	67 18 59.6	18.479	.096	3	21.3	67 1375
1546	1455	7.5	10 28 55.36	+1.7591	+0.0079	−68 30 40.2	−18.483	−0.091	4	21.3	68 1184
1547	1457	8.2	29 3.43	1.7561	.0078	68 34 58.1	18.487	.091	3	20.6	68 1185
1548	1458	9.0	29 13.26	1.7450	+ .0074	68 46 45.6	18.493	.090	3	20.5	68 1187
1549	1459	(8.8)	29 42.74*	1.5703	— .0003	71 9 1.0	18.509	.080	2	20.2	70 1118
1550	—	8.5	29 43.44	1.9109	+ .0130	66 10 59.1	18.510	.099	3	20.9	65 1393

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1551	1460	9.5	10h29m56s.12	+1s.7318	+0s.0070	−69° 6′45″.9	−18″.517	−0″.089	2-3	19.8-19.7	68°1195
1552	1461	9.0	29 57.65	1.6900	+ .0053	69 41 51.0*	18.518	.086	3	20.7	69 1288
1553	1463	8.1	30 1.13	1.5246	— .0027	71 43 27.0	18.520	.077	4	19.4	71 1045
1554	1462	8.6	30 1.33	1.7812	+ .0089	68 24 18.3	18.520	.091	3	20.2	68 1196
1555	1465	8.4	30 40.39	1.5064	— .0037	72 2 25.0	18.541	.076	4	20.8	71 1049
1556	1466	8.8	10 30 43.26	+1.5059	−0.0037	−72 3 12.7	−18.543	−0.075	3	21.2	71 1050
1557	1464	9.1	30 51.78	1.8611	+ .0118	67 18 21.7	18.548	.095	3	21.2	67 1387
1558	1467	8.6	31 26.32	1.7834	.0093	68 39 54.2	18.567	.090	3	20.4	68 1211
1559	1471	8.9	32 15.32	1.6411	.0034	70 46 37.8	18.593	.081	4-5	19.2	70 1138
1560	1468	8.9	32 15.51	1.7855	.0095	68 48 15.3	18.594	.089	3	21.3	68 1214
1561	1469	8.6	10 32 24.81	+1.9113	+0.0136	−66 46 37.9	−18.599	−0.096	4	21.3	66 1326
1562	1472	8.4	32 25.96	1.5315	— .0022	72 5 7.6	18.599	.075	3	20.6	71 1059
1563	1470	9.0	32 30.60	1.9327	+ .0142	66 24 36.8	18.602	.097	3	20.9	66 1329
1564	1473	7.8	32 52.19	1.7835	.0095	68 57 44.8	18.613	.089	3	20.0	68 1220
1565	1474	9.0	32 53.95	1.6048	.0017	71 20 28.4	18.615	.079	4	19.4	71 1060
1566	1475	8.1	10 33 1.12	+1.6958	+0.0060	−70 13 29.8	−18.618	−0.084	3	20.2	69 1304
1567	1476	8.0	33 18.68	1.7579	.0086	69 25 43.3	18.628	.087	3	20.9	69 1306
1568	1478	8.8	34 9.94	1.7046	.0065	70 20 15.7	18.655	.083	3	19.9	70 1142
1569	1477	8.9	34 11.22	1.8720	.0129	67 51 8.1	18.656	.092	3	19.7	67 1416
1570	1479	9.0	34 23.81	1.7195	+ .0072	70 11 7.8	18.663	.084	3	21.2	69 1315
1571	1480	8.2	10 34 24.47	+1.5616	−0.0005	−72 7 8.4	−18.663	−0.075	3	21.2	71 1073
1572	1481	8.8	34 47.04	1.9348	+ .0149	66 53 42.8	18.675	.094	2	21.3	66 1346
1573	1483	7.6	34 59.10	1.6415	.0037	71 18 7.6	18.681	.079	3	21.3	71 1075
1574	1482	8.4	35 4.60	1.8139	.0111	68 58 21.2	18.684	.089	3	20.0	68 1234
1575	1484	8.7	35 7.37	1.7107	.0070	70 26 59.3	18.686	.082	5	19.2	70 1145
1576	1485	8.6	10 35 9.26	+1.7414	+0.0083	−70 2 32.6	−18.687	−0.084	4	21.3	69 1316
1577	1486	9.0	35 33.70*	1.7327	.0080	70 14 42.2	18.700	.083	4	19.7	69 1320
1578	1487	7.8	36 7.72	1.8346	.0121	68 52 58.5	18.717	.088	3	20.2	68 1245
1579	1488	7.8	36 18.05*	1.7673	.0096	69 55 9.0	18.723	.084	3	20.6	69 1323
1580	1489	9.1	36 23.54	1.8214	.0117	69 8 40.8	18.725	.087	3	20.5	68 1246
1581	1490	9.5	10 36 34.78	+1.8292	+0.0121	−69 3 57.1	−18.731	−0.087	3-4	22.7-22.8	68 1248
1582	1491	8.5	36 51.95	1.9942	.0169	66 16 8.2	18.740	.095	3	20.0	66 1357
1583	1492	8.0	36 56.43	1.9688	.0163	66 46 26.8	18.743	.094	2-3	20.8-20.9	66 1359
1584	1493	9.1	37 56.16	1.8890	.0143	68 24 57.9	18.773	.088	4	19.7	68 1257
1585	1494	9.1	38 10.14	1.9942	.0173	66 35 7.0	18.781	.094	5	19.2	66 1364
1586	1495	9.0	10 38 12.64	+1.9902	+0.0172	−66 40 25.5	−18.782	−0.093	3	21.2	66 1366
1587	1496	9.1	39 6.88	1.8502	.0133	69 18 9.1*	18.809	.085	2	19.4	69 1342
1588	1497	8.7	39 14.37	1.9589	.0167	67 30 27.5	18.813	.090	4	20.7	67 1456
1589	1499	8.7	39 37.79	1.6681	.0056	71 54 7.7	18.825	.076	3	19.7	71 1098
1590	1498	(8.8)	39 44.07	1.9657	.0161	67 30 13.2	18.828	.090	2-3	19.8-19.9	67 1459
1591	1500	8.8	10 40 12.66	+1.9028	+0.0154	−68 42 41.6	−18.842	−0.087	3	21.2	68 1273
1592	1501	9.0	40 25.67*	1.9813	.0177	67 23 1.8	18.849	.090	3	20.2	67 1466
1593	1502	8.9	40 42.87	2.0007	.0183	67 5 16.0	18.857	.091	2-3	19.2	66 1385
1594	1503	8.7	40 44.59	1.7303	.0088	71 21 18.7	18.858	.077	4	21.3	71 1106
1595	1505	7.7	40 57.91	1.6986	.0073	71 48 10.2	18.865	.076	2	21.2	71 1109
1596	1504	9.5	10 41 4.80	+1.9175	+0.0161	−68 40 11.2	−18.868	−0.086	2-3	20.8-20.6	68 1276
1597	1506	8.6	41 20.21	1.8979	.0155	69 3 16.2*	18.876	.085	3	20.5	68 1278
1598	—	9.1	41 50.10	1.6703	.0061	72 19 22.7	18.890	.073	2-3	20.8-20.9	72 1024
1599	1508	8.6	41 55.04	1.9568	.0175	68 11 31.8*	18.892	.087	3	20.0	67 1483
1600	1507	(8.6)	41 58.57	2.0573	.0199	66 16 47.7	18.894	.092	2	20.2	66 1399

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	G. P. D.
1601	1511	7.6	10h42m 0s.41	+1s.7265	+0s.0089	−71°40′12″.9	−18″.895	−0″.076	3	21.2	71°1114
1602	1512	8.9	42 1.74	1.7380	.0094	71 31 40.0*	18.896	.076	3	21.2	71 1115
1603	1510	6.9	42 4.20	1.8167	.0128	70 27 55.0	18.897	.080	2	20.2	70 1183
1604	1509	8.7	42 9.17	1.9789	.0182	67 51 11.0	18.900	.088	3	21.3	67 1485
1605	1513	7.1	42 16.04	1.8200	.0130	70 27 38.1	18.903	.080	4	21.0	70 1185
1606	1515	7.3	10 42 21.69	+1.7020	+0.0077	−72 3 0.4	−18.906	−0.074	3	21.2	71 1118
1607	1514	9.1	42 30.29*	2.0609	.0202	66 20 40.2	18.910	.092	4	20.2	66 1402
1608	1516	9.1	42 31.98	1.7906	.0118	70 56 5.9	18.911	.078	2-3	19.2	70 1188
1609	1517	8.5	43 20.23	2.0012	.0191	67 44 6.7	18.934	.088	4	19.7	67 1494
1610	1518	8.9	43 51.91	1.9990	.0193	67 54 39.2	18.949	.087	2-3	20.4-20.0	67 1498
1611	1519	9.0	10 44 3.05	+2.0764	+0.0210	−66 25 30.6	−18.954	−0.090	3	20.5	66 1412
1612	1521	8.0	44 7.64	1.7540	.0106	71 46 13.0	18.956	.075	3	20.9	71 1123
1613	1520	9.0	44 13.36	2.0066	.0196	67 51 36.8	18.959	.087	2-3	21.3-20.9	67 1504
1614	1522	(7.4)	44 20.84	1.9553	.0182	68 48 50.1	18.962	.084	3	19.9	68 1302
1615	1523	7.8	45 3.63	1.9522	.0184	69 2 28.8	18.983	.083	4-5	19.2	68 1305
1616	1524	8.6	10 46 5.59	+2.0795	+0.0219	−66 54 30.4	−19.012	−0.088	3	21.2	66 1423
1617	1526	8.8	46 14.84	1.9591	.0190	69 13 5.0	19.016	.082	2-3	21.2	68 1317
1618	1525	8.9	46 16.55	2.0688	.0217	67 10 36.5*	19.016	.087	3	19.7	66 1424
1619	1527	9.0	46 25.70	2.0095	.0204	68 22 12.1	19.021	.084	4	20.8	68 1320
1620	1528	8.9	46 30.84	2.0350	.0211	67 54 39.6	19.023	.085	3	21.3	67 1521
1621	1529	8.0	10 46 39.40	+2.0342	+0.0211	−67 57 54.3	−19.027	−0.085	2	20.2	67 1523
1622	1530	8.9	46 48.93	2.0160	.0208	68 20 57.7	19.031	.084	2	20.4	68 1323
1623	1531	8.9	46 57.53	1.9865	.0200	68 55 15.9	19.035	.083	3	21.3	68 1326
1624	1532	9.1	47 17.54	2.0047	.0206	68 40 48.5	19.044	.083	3	20.6	68 1330
1625	1533	7.7	47 24.14	1.8460	.0154	71 15 25.9	19.047	.076	4	19.7	70 1223
1626	1534	8.8	10 47 33.43	+1.8367	+0.0151	−71 25 30.9	−19.052	−0.075	3	19.9	71 1141
1627	1535	8.5	48 21.28	2.0574	.0223	67 57 53.3*	19.073	.084	5	19.2	67 1537
1628	1536	7.9	48 40.52	2.1354	.0239	66 25 0.4	19.082	.087	3	20.5	66 1434
1629	1537	8.7	49 28.35	2.0636	.0229	68 8 42.9	19.103	.083	3	19.7	67 1546
1630	1538	8.9	49 33.98	2.0444	.0225	68 32 27.4	19.106	.082	3	20.0	68 1342
1631	1539	8.8	10 49 46.05	+1.9947	+0.0213	−69 29 53.4	−19.111	−0.080	3	19.8	69 1418
1632	1540	9.0	50 4.39	2.0458	.0227	68 38 59.5	19.119	.082	3	20.9	68 1344
1633	1541	7.5	50 9.36	2.0897	.0237	67 48 42.0	19.121	.083	2	20.2	67 1552
1634	1542	8.1	50 21.61	2.0461	.0229	68 43 20.8*	19.126	.081	3	19.3	68 1346
1635	—	8.8	50 37.74	1.8223	.0153	72 19 53.9	19.133	.071	3	21.2	72 1060
1636	1543	9.0	10 50 44.25	+1.8565	+0.0169	−71 53 29.9	−19.136	−0.072	3	21.2	71 1157
1637	1544	8.5	51 0.05	1.9125	.0191	71 8 40.3	19.143	.074	3	21.2	70 1245
1638	1546	8.8	51 11.09	1.8585	.0171	71 58 11 2	19.148	.072	3	19.9	71 1160
1639	1545	6.5	51 14.18	1.9685	.0211	70 19 14.3*	19.149	.077	3	21.3	70 1246
1640	1547	8.8	51 34.67	2.1520	.0254	66 53 6.8	19.158	.084	4	19.7	66 1461
1641	1548	7.8	51 38.82	+1.8816	+0.0172	−71 45 19.5	−19.160	−0.072	3	21.3	71 1163
1642	1549	8.9	51 54.58	1.9777	.0217	70 20 30.9	19.167	.076	3	19.7	70 1251
1643	1550	8.5	52 1.05	2.0194	.0229	69 39 16.9	19.169	.078	3	20.0	69 1436
1644	1551	9.2	52 12.79	2.1136	.0251	67 53 56.5	19.174	.082	3	20.6	67 1580
1645	1554	9.0	52 21.51	1.9231	.0200	71 19 12.0	19.178	.073	3	20.9	71 1168
1646	1552	8.3	10 52 22.28	+2.1142	+0.0252	−67 55 52.0	−19.178	−0.082	2-3	20.2	67 1582
1647	1553	9.2	52 23.01	2.0668	.0242	68 52 52.6	19.179	.080	2	20.7	68 1355
1648	1555	8.2	53 6.15	2.1020	.0253	68 23 24.3	19.197	.080	3	21.3	68 1363
1649	1556	8.7	53 50.60	2.0249	.0238	70 2 52.7	19.215	.076	4	19.3	69 1447
1650	1557	7.6	54 23.35	2.1262	.0263	68 15 58.2*	19.229	.079	3	19.8	68 1373

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1651	1559	8.5	10h54m32s.17	+1s.9822	+0s.0229	−70°57′ 9″.3	−19″.233	−0″.073	3-4	20.3-20.1	70°1260
1652	1560	8.5	54 34.00	1.9823	.0229	70 57 33.5	19.233	.073	2	19.4	70 1261
1653	1558	8.9	54 34.26	2.0620	.0251	69 34 45.1	19.233	.076	3	21.2	69 1453
1654	1561	7.0	54 41.26	2.1123	.0262	68 38 11.5	19.236	.078	3	21.2	68 1377
1655	1562	8.8	54 44.58	2.0993	.0260	68 54 47.0	19.238	.078	3	21.3	68 1378
1656	1563	8.9	10 55 7.55	+2.1323	+0.0268	−68 21 14.7	−19.247	−0.079	3	21.3	68 1386
1657	1564	8.7	55 16.30	2.0090	.0240	70 42 20.8	19.250	.073	2	19.8	70 1264
1658	1565	9.0	55 24.61	2.1637	.0274	67 45 51.6	19.254	.080	3	20.2	67 1607
1659	1566	8.2	55 36.72	2.0803	.0260	69 31 40.9	19.259	.076	3	21.3	69 1458
1660	1567	9.3	55 44.39*	2.0754	.0260	69 39 25.9	19.262	.076	3	20.6	69 1459
1661	1568	8.4	10 57 25.41	+2.1609	+0.0285	−68 26 16.1	−19.302	−0.077	3	19.7	68 1402
1662	—	8.5	57 27.65	2.2580	.0294	66 9 16.7	19.303	.080	3	20.5	65 1584
1663	1569	9.0	57 28.70	2.1200	.0278	69 18 1.4	19.303	.075	3	20.0	69 1466
1664	1570	8.6	57 29.86	2.1155	.0277	69 23 42.9	19.304	.075	2-3	21.3-20.9	69 1467
1665	1571	8.9	58 2.48	2.1535	.0287	68 46 58.0	19.317	.076	3	21.2	68 1403
1666	1572	8.5	10 58 14.28	+2.0363	+0.0263	−71 3 16.7	−19.321	−0.071	3	21.2	70 1276
1667	1573	7.9	58 31.49	2.2297	.0299	67 12 50.5	19.328	.078	6	20.7	66 1501
1668	—	8.5	59 8.35	2.2779	.0305	66 11 40.0	19.342	.079	3	21.3	65 1594
1669	1574	8.7	59 14.12	2.2045	.0300	68 2 10.7	19.344	.076	2-3	19.3	67 1629
1670	1575	8.3	59 23.07	2.0519	.0273	71 6 35.2	19.348	.070	3	21.3	70 1280
1671	1577	8.0	10 59 29.69	+2.0400	+0.0270	−71 20 35.8	−19.350	−0.069	2	20.2	71 1191
1672	1576	8.9	59 30.05	2.0547	.0274	71 5 40.0	19.350	.070	2	19.8	70 1281
1673	1578	9.2	59 35.84	2.0904	.0284	70 29 16.3	19.352	.071	3	20.5	70 1282
1674	1579	9.0	59 52.04	2.1631	.0299	69 8 34.3	19.359	.074	3-2	20.9-21.7	68 1406
1675	1580	9.1	59 52.55	2.1715	.0300	68 58 6.0	19.359	.074	3	20.9	68 1407
1676	1581	8.8	11 0 0.05	+2.0630	+0.0279	−71 5 35.2	−19.362	−0.070	3	21.2	70 1284
1677	1582	7.4	0 22.53	2.0249	.0271	71 50 16.8	19.370	.068	4	21.3	71 1193
1678	1583	9.1	0 29.72	2.0990	.0290	70 35 30.2	19.373	.070	3	21.2	70 1289
1679	1584	9.0	0 40.59	2.2106	.0310	68 21 35.8	19.377	.074	3	20.2	68 1413
1680	1585	7.9	0 53.19	2.0702	.0286	71 13 22.4	19.382	.069	3	21.3	70 1290
1681	1587	9.2	11 1 0.30*	+2.1852	+0.0310	−69 1 47.6	−19.384	−0.073	3	20.6	68 1415
1682	1586	8.9	1 0.65	2.2136	.0312	68 24 7.4	19.384	.074	3	21.3	68 1414
1683	1588	8.0	1 18.63	2.1118	.0298	70 35 45.7	19.391	.070	3	20.0	70 1292
1684	1592	8.4	1 38.07	2.0674	.0290	71 29 13.3	19.398	.068	2	20.8	71 1197
1685	1591	8.3	1 38.68	2.1714	.0311	69 31 27.7	19.398	.071	3	20.9	69 1475
1686	1590	8.4	11 1 44.37	+2.2570	+0.0320	−67 36 38.7	−19.401	−0.074	3	19.7	67 1641
1687	1589	8.2	1 46.14	2.3009	.0321	66 28 59.1	19.401	.076	3	21.0	66 1524
1688	1594	8.8	1 48.86	2.2048	.0316	68 51 40.5	19.402	.072	2	21.2	68 1421
1689	1593	9.2	1 49.41	2.2294	.0318	68 18 14.0	19.402	.073	4	21.3	68 1420
1690	1595	8.9	1 54.34	2.1292	.0305	70 26 53.9	19.404	.070	3	20.2	70 1295
1691	1596	8.9	11 1 59.91	+2.1340	+0.0307	−70 23 0.3	−19.406	−0.070	3	21.0	70 1296
1692	1597	8.9	2 17.11	2.2659	.0324	67 34 36.0*	19.412	.074	3	20.2	67 1643
1693	1598	9.4	2 30.13	2.2292	.0323	68 31 54.7	19.417	.072	3	21.3	68 1424
1694	1599	8.7	2 41.63	2.2746	.0326	67 29 52.7	19.421	.074	2	19.2	67 1644
1695	1600	8.2	2 46.41	2.1420	.0313	70 28 0.3	19.423	.069	3	21.3	70 1297
1696	1601	8.2	11 3 1.22	+2.1350	+0.0313	−70 40 44.4	−19.428	−0.068	3	20.0	70 1298
1697	1602	9.2	3 12.11	2.2763	.0330	67 37 45.8	19.432	.073	3	20.6	67 1646
1698	1604	8.3	3 19.59	2.0499	.0295	72 16 1.7	19.435	.065	2	20.8	71 1198
1699	1603	7.8	3 22.14	2.2482	.0330	68 22 34.5	19.436	.072	3	19.7	68 1430
1700	—	8.8	3 35.20	2.0444	.0295	72 25 48.8	19.440	.064	3	20.9	72 1099

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1701	1605	8.0	11h 3m45s.27	+2s.2882	+0s.0334	−67°31′ 7″.0	−19″.444	−0″.073	3	21.0	67°1647
1702	1606	8.2	4 5.19*	2.1651	.0325	70 25 27.1	19.451	.068	2	19.8	70 1304
1703	1607	(5.8)	4 6.99	2.1632	.0325	70 28 19.4	19.452	.068	F	(21.0)	70 1305
1704	1608	9.0	5 0.85	2.2919	.0343	67 52 14.7	19.471	.071	4	21.3	67 1654
1705	1609	8.9	5 2.46	2.2795	.0343	68 11 42.3	19.471	.071	3	21.2	67 1655
1706	1610	8.6	11 5 7.00	+2.2942	+0.0343	−67 50 53.4	−19.473	−0.071	3	21.3	67 1656
1707	1611	8.7	5 15.71	2.3254	.0344	67 4 21.7	19.476	.072	3-2	20.2-20.7	66 1540
1708	1612	8.9	5 20.31	2.0875	.0318	72 14 0.2	19.477	.064	3	19.7	71 1201
1709	1613	9.1	5 57.64	2.3022	.0350	67 56 45.3	19.490	.070	2	19.3	67 1661
1710	1615	9.0	6 22.71	2.2117	.0348	70 12 39.9	19.499	.066	3	21.3	69 1485
1711	1614	9.1	11 6 28.91	+2.3318	+0.0353	−67 21 2.1	−19.501	−0.070	3	20.6	67 1663
1712	1616	9.3	6 39.41	2.3547	.0353	66 46 3.4	19.504	.071	3	20.6	66 1544
1713	1617	8.7	6 43.82	2.1923	.0348	70 43 54.8	19.506	.065	2	19.4	70 1324
1714	1620	8.8	6 52.96	2.1444	.0339	71 53 11.5	19.509	.063	3	20.9	71 1202
1715	1618	8.9	6 56.79	2.2323	.0354	69 57 37.5	19.510	.066	3	21.0	69 1487
1716	1619	8.6	11 7 1.56	+2.3273	+0.0357	−67 40 34.4	−19.516	−0.069	3	20.2	67 1665
1717	1621	9.0	7 33.93	2.2164	.0357	70 30 40.2	19.522	.065	3-4	22.0-21.3	70 1328
1718	1622	9.0	8 21.23*	2.3314	.0368	68 3 52.0	19.538	.068	3-2	20.2-20.7	67 1673
1719	1623	8.8	8 28.75	2.2136	.0364	70 52 43.0	19.540	.064	4	21.3	70 1334
1720	1624	9.3	8 35.42	2.3275	.0370	68 15 27.2*	19.543	.067	3	20.1	67 1674
1721	1625	6.9	11 8 43.02	+2.2102	+0.0366	−71 1 42.2	−19.545	−0.063	3	21.2	70 1336
1722	1626	7.3	9 17.55	2.2302	.0372	70 48 33.8	19.556	.063	3	20.6	70 1338
1723	1627	9.3	9 26.57	2.2639	.0376	70 7 33.7	19.559	.064	2-3	21.3	69 1494
1724	1628	8.2	9 36.61	2.3657	.0376	67 35 54.3	19.562	.067	2	20.8	67 1678
1725	1630	7.7	9 43.29	2.2116	.0374	71 20 28.3	19.564	.062	7	20.9	71 1214
1726	1629	8.1	11 9 48.19	+2.3989	+0.0374	−66 41 30.3	−19.566	−0.068	3	20.2	66 1550
1727	1631	9.1	9 58.49	2.2802	.0381	69 56 32.4	19.569	.064	3	20.9	69 1495
1728	1632	8.3	10 15.06	2.4127	.0376	66 26 29.9	19.574	.067	3	21.0	66 1552
1729	1633	8.8	10 18.73	2.2323	.0381	71 7 14.0*	19.575	.062	3	21.6	70 1342
1730	1634	8.2	10 41.11	2.2790	.0387	70 13 44.5	19.582	.063	2	20.4	69 1500
1731	1635	9.0	11 10 56.69	+2.3917	+0.0384	−67 22 31.2	−19.587	−0.066	4	21.3	67 1684
1732	1636	8.7	11 28.76	2.3366	.0394	69 7 19.6	19.597	.063	3	19.3	68 1452
1733	1638	8.9	11 44.13	2.2734	.0396	70 44 17.0	19.602	.061	6-5	20.5-20.7	70 1347
1734	1637	9.4	11 46.16	2.3361	.0396	69 14 44.1	19.603	.063	3	21.3	68 1454
1735	1639	7.5	11 54.91	2.3867	.0394	67 55 8.3	19.605	.064	3	21.3	67 1689
1736	1640	7.7	11 11 55.48*	+2.3102	+0.0399	−69 57 4.8	−19.605	−0.062	3	20.6	69 1501
1737	1641	8.8	12 0.56	2.2327	.0396	71 42 10.5*	19.607	.059	3	20.6	71 1223
1738	1642	9.0	12 24.13	2.4446	.0389	66 18 56.8	19.614	.065	3	20.2	66 1560
1739	1643	9.1	12 34.14	2.3798	.0400	68 23 3.0	19.617	.063	3	20.9	68 1457
1740	1644	9.0	13 2.15	2.3667	.0406	68 56 14.9	19.625	.062	3	20.0	68 1458
1741	1645	8.0	11 13 7.04	+2.4080	+0.0402	−67 47 20.9	−19.627	−0.063	2-3	20.2-19.9	67 1694
1742	1646	9.0	13 21.04	2.4102	.0404	67 49 17.0	19.631	.063	2	21.3	67 1697
1743	1647	8.8	13 28.90	2.3908	.0408	68 26 53.5	19.633	.062	4	21.3	68 1461
1744	1648	8.1	13 33.14	2.3535	.0412	69 29 49.9	19.635	.061	3	21.2	69 1510
1745	1649	8.7	13 45.55	2.4565	.0399	66 30 48.9	19.638	.063	3	21.3	66 1567
1746	1651	8.5	11 13 54.02	+2.3738	+0.0414	−69 5 47.2	−19.641	−0.061	3	21.3	68 1463
1747	1650	9.0	13 56.05	2.4606	.0400	66 27 4.9	19.641	.063	3	20.2	66 1568
1748	1652	9.3	13 57.50*	2.4149	.0409	67 56 13.1	19.642	.062	3	20.6	67 1699
1749	1653	9.2	14 7.89	2.4155	.0410	67 59 37.4	19.645	.062	3	20.6	67 1701
1750	1654	8.9	14 11.93	2.4285	.0409	67 37 21.1	19.646	.062	3	21.7	67 1702

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1751	1655	6.5	11h14m14s.94	+2s.4358	+0s.0408	−67°24′48″.1	−19″.647	−0″.062	3	20.9	67°1703
1752	1656	(8.9)	14 21.08	2.3591	.0370	69 40 40.1*	19.648	.060	2	22.3	69 1513
1753	1657	8.2	14 23.30	2.3811	.0418	69 5 43.8	19.649	.060	4	20.1	68 1467
1754	1659	8.9	14 31.17	2.4031	.0416	68 31 31.2	19.651	.061	3	21.0	68 1468
1755	1658	7.5	14 33.43	2.4309	.0412	67 42 28.7	19.652	.061	4	21.3	67 1704
1756	1660	9.0	11 14 36.83	+2.2683	+0.0424	−71 54 5.4	−19.653	−0.057	2-3	20.4-20.0	71 1230
1757	1662	8.7	14 47.19	2.3304	.0426	70 34 2.0	19.656	.058	2	19.3	70 1356
1758	1661	9.0	14 51.94	2.4401	.0413	67 32 43.5	19.657	.061	2-3	21.3-20.6	67 1705
1759	1663	8.6	15 0.47*	2.4268	.0417	68 1 30.7	19.660	.061	3	21.2	67 1706
1760	1664	9.0	15 18.15	2.4044	.0424	68 49 18.8	19.665	.060	3	21.3	68 1473
1761	1665	9.2	11 15 32.57	+2.3666	+0.0431	−69 57 33.1	−19.669	−0.058	3	21.3	69 1521
1762	1667	9.2	15 42.73	2.4297	.0424	68 14 40.0	19.671	.060	2-3	20.2-20.6	67 1712
1763	1666	9.0	15 43.41	2.4594	.0418	67 18 9.8	19.672	.060	3	20.6	67 1711
1764	1668	8.3	16 22.48	2.4512	.0426	67 51 52.7	19.683	.059	3	20.6	67 1714
1765	1670	8.3	16 53.82	2.3785	.0444	70 12 28.4*	19.691	.056	4	19.3	69 1531
1766	1669	7.9	11 16 58.39	+2.4954	+0.0421	−66 38 19.2	−19.693	−0.059	3-4	21.6-21.0	66 1572
1767	1672	7.2	17 8.74	2.3267	.0451	71 35 0.2	19.695	.055	3	20.9	71 1238
1768	1671	(8.9)	17 8.78	2.4919	.0424	66 50 48.6	19.695	.059	2	20.4	66 1573
1769	1673	9.1	17 48.63	2.4831	.0434	67 28 21.7	19.706	.058	3	19.7	67 1721
1770	1674	8.4	18 19.63	2.3945	.0459	70 23 27.1	19.714	.055	3	20.3	70 1366
1771	1675	8.6	11 18 29.68	+2.3587	+0.0465	−71 22 29.4	−19.717	−0.054	3	21.0	71 1242
1772	—	9.0	18 31.13	2.3130	.0468	72 26 0.3	19.717	.052	4	21.3	72 1125
1773	1676	9.0	18 36.26	2.3340	.0468	71 59 55.6	19.719	.053	3	21.2	71 1243
1774	1677	8.9	18 40.80	2.3515	.0468	71 37 26.1	19.720	.053	3	21.3	71 1244
1775	1678	9.3	19 31.03*	2.4237	.0468	70 6 41.7	19.733	.054	3	20.6	69 1533
1776	—	8.9	11 19 35.16	+2.5434	+0.0434	−66 6 55.2	−19.734	−0.057	3	21.3	65 1661
1777	1679	(8.5)	19 56.60	2.4500	.0468	69 32 26.6	19.739	.054	2	19.4	69 1534
1778	1680	9.1	20 1.95*	2.5030	.0454	67 51 33.1	19.741	.055	4	20.0	67 1729
1779	1681	8.9	20 9.65	2.4768	.0463	68 48 8.4	19.743	.054	3	20.6	68 1488
1780	1682	9.0	20 21.34	2.5080	.0456	67 50 25.3	19.746	.054	2	20.8	67 1731
1781	1683	9.0	11 20 50.79	+2.4579	+0.0477	−69 43 18.8	−19.753	−0.053	4	21.0	69 1537
1782	1684	8.5	21 4.70	2.5511	.0448	66 35 26.2	19.756	.054	3	20.0	66 1581
1783	1685	6.8	21 11.23	2.3859	.0496	71 50 40.1	19.758	.050	3	19.3	71 1248
1784	1686	9.1	21 29.22	2.4932	.0475	68 54 50.3	19.762	.052	2	19.3	68 1493
1785	1687	8.4	21 36.09	2.5549	.0453	66 43 3.5	19.764	.054	3	21.0	66 1584
1786	1688	8.9	11 21 54.55	+2.4826	+0.0484	−69 27 49.4	−19.768	−0.051	3	20.7	69 1539
1787	1690	8.4	21 55.58	2.4163	.0501	71 23 53.3	19.769	.050	4	21.3	71 1249
1788	1689	9.1	21 57.69	2.5227	.0471	68 7 54.1	19.769	.052	3	21.2	67 1738
1789	1691	8.9	22 17.44	2.5411	.0468	67 37 29.4	19.774	.052	3	21.3	67 1740
1790	1692	9.0	22 30.14	2.5056	.0484	69 0 21.3	19.777	.051	3	20.2	68 1499
1791	1693	(8.8)	11 23 16.76	+2.5786	+0.0464	−66 40 0.1	−19.788	−0.052	2	20.2	66 1588
1792	1694	8.7	23 34.08	2.5441	.0484	68 11 37.8	19.792	.050	3	21.4	67 1743
1793	1695	8.5	23 47.73	2.5354	.0491	68 38 1.8	19.795	.050	3	19.4	68 1506
1794	1696	8.8	24 25.97	2.5140	.0509	69 42 47.2	19.804	.048	3	20.6	69 1544
1795	1697	8.7	24 41.36	2.4543	.0533	71 39 25.7	19.807	.047	3-4	19.3	71 1251
1796	1698	9.0	11 25 4.13	+2.5905	+0.0482	−67 11 4.5	−19.812	−0.049	2-3	20.4-20.0	66 1590
1797	1699	9.1	25 12.60	2.5396	.0510	69 14 32.4	19.814	.048	3	20.2	68 1512
1798	1700	7.7	25 13.57	2.4959	.0528	70 42 16.3	19.814	.047	4	20.5	70 1381
1799	1701	(7.2)	25 13.60	2.4490	.0544	72 3 38.0	19.814	.046	2	19.4	71 1253
1800	1702	(8.9)	26 21.49	2.5883	.0503	68 1 48.4	19.829	.047	2	20.2	67 1751

Nº	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Nº Obs.	Ep.	C. P. D.
1801	1703	8.6	11h26m29s.57	+2s.6216	+0s.0485	−66°39′49″.4	−19″.831	−0″.047	3	20.9	66°1596
1802	1704	9.1	26 42.51	2.5569	.0526	69 26 53.5	19.834	.046	2	19.3	69 1548
1803	1705	9.0	26 58.61	2.4851	.0562	71 55 11.5	19.837	.044	3	21.0	71 1255
1804	1707	(8.9)	27 30.61	2.5042	.0564	71 37 45.7	19.844	.043	2	19.4	71 1256
1805	1706	9.0	27 35.26	2.6256	.0500	67 9 36.6	19.844	.046	4	21.3	66 1600
1806	1708	8.8	11 27 53.65	+2.6536	+0.0500	−67 0 13.9	−19.848	−0.045	3-2	19.3-19.4	66 1601
1807	1709	8.4	28 16.66	2.6317	.0507	67 19 3.4	19.853	.044	3	20.2	67 1755
1808	1711	8.8	28 31.90	2.5556	.0558	70 31 25.4	19.856	.043	3	21.3	70 1390
1809	1710	8.5	28 32.07	2.6281	.0514	67 38 38.0	19.856	.044	3	21.2	67 1758
1810	1712	8.5	28 33.13	2.5260	.0573	71 30 51.7	19.856	.042	3	21.3	71 1258
1811	1714	8.7	11 28 45.29	+2.5116	+0.0584	−72 4 4.1	−19.859	−0.041	3	20.6	71 1259
1812	1713	8.7	28 45.84	2.6528	.0500	66 37 26.9	19.859	.044	3	20.0	66 1604
1813	1715	7.0	28 59.27	2.6573	.0501	66 32 51.4	19.862	.044	3	19.4	66 1605
1814	1716	9.2	29 39.07	2.6333	.0530	68 7 39.6*	19.869	.042	3	20.6	67 1763
1815	1718	9.0	29 42.02	2.6662	.0506	66 34 32.8*	19.870	.043	3	20.9	66 1607
1816	1720	(8.7)	11 29 42.95	+2.5420	+0.0588	−71 38 56.2	−19.870	−0.040	2	19.4	71 1262
1817	1719	9.0	29 43.42	2.6177	.0542	68 51 26.3	19.870	.042	3	19.9	68 1522
1818	1717	9.0	29 45.70	2.5763	.0570	70 30 0.5	19.870	.041	3	20.2	70 1392
1819	1721	8.0	29 55.37	2.6679	.0508	66 38 23.3	19.872	.042	3	21.3	66 1609
1820	1722	8.8	29 58.49	2.6313	.0537	68 25 28.3	19.873	.042	3	21.2	68 1524
1821	1723	7.2	11 30 9.20	+2.6016	+0.0561	−69 46 48.3	−19.875	−0.041	6	21.1	69 1557
1822	1724	8.6	30 25.69	2.5735	.0584	70 59 51.0	19.878	.040	3	21.3	70 1393
1823	1725	9.0	31 1.77	2.6234	.0563	69 26 57.8	19.885	.040	2	19.3	69 1559
1824	1726	8.5	31 15.47	2.6552	.0543	68 11 4.5*	19.887	.040	4	19.3	67 1765
1825	1727	8.5	31 34.13	2.6628	.0543	68 2 14.5	19.891	.040	3	20.6	67 1766
1826	1728	8.9	11 31 41.38	+2.6706	+0.0539	−67 44 6.5	−19.892	−0.040	3	20.6	67 1768
1827	1729	8.8	32 10.77	2.6818	.0539	67 31 4.6	19.897	.039	3	20.0	67 1772
1828	1730	9.0	32 18.08	2.6904	.0533	67 9 11.9	19.898	.039	3	21.3	66 1614
1829	1731	8.4	32 24.85	2.6368	.0582	69 47 30.0	19.900	.038	3	21.0	69 1560
1830	1732	8.9	32 33.13	2.6573	.0568	68 58 41.6	19.901	.038	3	19.9	68 1527
1831	—	7.0	11 32 33.46	+2.5688	+0.0634	−72 25 40.8	−19.901	−0.036	3	21.0	72 1143
1832	1733	9.0	32 51.25	2.7112	.0524	66 24 14.1	19.904	.038	3	21.3	66 1617
1833	1734	8.5	33 5.82	2.6288	.0604	70 34 51.8	19.906	.036	3	21.2	70 1397
1834	—	9.0	33 11.82*	2.7019	.0540	67 11 47.7	19.908	.038	2	21.3	66 1622
1835	1735	8.9	33 19.18	2.6719	.0572	68 50 9.0	19.909	.037	2-3	21.3	68 1531
1836	1736	9.0	11 33 25.62	+2.7047	+0.0542	−67 13 5.6	−19.910	−0.037	2	21.8	66 1623
1837	1737	9.0	33 32.91	2.6656	.0582	69 17 45.5*	19.911	.036	2	19.3	69 1562
1838	1738	9.3	33 35.39	2.6891	.0561	68 10 36.5	19.912	.037	3	20.6	67 1775
1839	1739	8.5	33 47.88	2.7137	.0541	66 59 44.6	19.914	.036	2	20.8	66 1624
1840	1741	7.2	33 53.36	2.6717	.0584	69 15 31.9	19.915	.036	2	20.8	68 1536
1841	1740	8.8	11 33 54.07	+2.7239	+0.0532	−66 28 59.5	−19.916	−0.037	3	20.9	66 1626
1842	1742	7.0	34 24.00	2.7184	.0549	67 12 16.9	19.920	.036	3	21.0	66 1629
1843	1743	9.0	34 40.89	2.6835	.0592	69 16 16.8*	19.922	.035	2	19.2	68 1539
1844	1744	8.7	34 54.96	2.7108	.0569	68 2 20.4	19.925	.035	2	20.4	67 1779
1845	1745	9.1	34 57.18	2.6478	.0633	71 4 10.5	19.925	.034	2	21.3	70 1403
1846	1746	7.4	11 35 18.52	+2.6318	+0.0656	−71 57 9.0	−19.928	−0.033	7	20.4	71 1268
1847	1747	8.7	35 31.12	2.6712	.0625	70 28 4.8	19.931	.033	3	19.4	70 1404
1848	1748	8.6	35 38.87	2.7130	.0584	68 30 6.9	19.932	.033	3	19.9	68 1544
1849	1749	7.6	36 54.79	2.7180	.0610	69 15 19.2	19.943	.031	3	21.3	68 1545
1850	1750	8.7	37 5.99	2.7291	.0602	68 47 56.9	19.945	.031	3	21.3	68 1547

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1851	1751	8.9	11h37m 9s38	+2s6832	+0s0657	−71° 9′12″7	−19″945	−0″030	3	20.6	70°1408
1852	1752	8.9	37 17.26	2.7498	.0580	67 44 28.9	19.946	.031	2-3	20.2	67 1787
1853	1753	8.6	37 26.80	2.6863	.0662	71 14 23.2	19.948	.030	3-4	20.6-20.5	70 1409
1854	1754	8.4	37 42.36	2.7011	.0653	70 45 3.0	19.950	.030	3	20.9	70 1410
1855	1755	9.0	38 5.92	2.7131	.0650	70 28 52.5	19.953	.029	3	19.4	70 1412
1856	1756	8.6	11 38 9.11	+2.7657	+0.0582	−67 29 54.1	−19.954	−0.030	6	20.5	67 1792
1857	1757	(8.9)	38 9.97	2.7469	.0608	68 41 29.0	19.954	.030	4	19.6	68 1551
1858	1758	8.2	38 17.95	2.7040	.0668	71 5 25.2	19.955	.029	3	21.2	70 1413
1859	1759	8.9	38 22.87	2.7479	.0613	68 49 19.5	19.955	.029	4-3	19.3	68 1552
1860	—	8.6	38 25.72	2.7886	.0556	66 9 24.9	19.956	.030	3	21.3	65 1700
1861	1760	9.2	11 38 34.17	+2.7499	+0.0616	−68 52 23.8	−19.957	−0.029	3-4	21.0-20.6	68 1553
1862	1761	8.8	38 48.06*	2.7734	.0589	67 35 51.3	19.959	.029	3	21.7	67 1794
1863	1762	8.7	38 57.55	2.7699	.0598	67 58 55.3	19.960	.028	3	21.3	67 1796
1864	1763	8.7	39 25.55	2.7749	.0604	68 5 29.4	19.964	.028	3	20.6	67 1801
1865	—	9.0	39 25.93	2.6966	.0714	72 20 25.9	19.964	.027	4	20.5	72 1150
1866	1764	9.1	11 39 33.26	+2.7413	+0.0658	−70 14 39.4	−19.965	−0.027	2	20.8	69 1576
1867	1765	7.5	39 42.64	2.7086	.0708	72 1 45.5	19.966	.026	3	21.0	71 1274
1868	1766	7.5	40 5.73	2.7850	.0609	68 3 44.5	19.969	.027	3	21.3	67 1804
1869	1767	8.7	40 22.01	2.7818	.0623	68 33 2.8	19.971	.026	3	20.2	68 1558
1870	1768	8.6	40 27.73	2.7950	.0604	67 43 28.0	19.972	.026	3	21.2	67 1805
1871	1769	9.0	11 40 29.48	+2.7982	+0.0600	−67 31 30.8	−19.972	−0.026	3	21.3	67 1806
1872	1770	(8.8)	40 48.07*	2.7712	.0654	69 39 42.6	19.974	.025	4	19.6	69 1579
1873	1771	9.2	40 52.78	2.7996	.0609	67 49 13.0	19.975	.026	3	21.3	67 1808
1874	1772	9.0	41 19.68	2.7747	.0667	69 57 21.3	19.978	.024	2	19.3	69 1580
1875	1773	9.0	41 30.69	2.7930	.0642	68 57 0.5	19.980	.024	2	22.3	68 1561
1876	1775	(8.6)	11 41 40.30	+2.7867	+0.0658	−69 32 6.3	−19.981	−0.024	2	19.3	69 1582
1877	1774	8.5	41 40.68	2.8177	.0603	67 16 52.5	19.984	.024	1	22.4	67 1810
1878	1777	8.8	41 45.83	2.8250	.0592	66 47 46.8	19.981	.024	3	21.0	66 1638
1879	1776	9.3	41 57.52	2.8121	.0623	68 2 51.9	19.983	.024	3	20.6	67 1812
1880	1779	8.7	41 59.80	2.7650	.0708	71 11 12.3	19.983	.023	2	20.8	70 1423
1881	1780	8.5	11 42 2.46	+2.7719	+0.0698	−70 49 38.4	−19.983	−0.023	3-4	21.0-21.1	70 1424
1882	1778	(4.6)	42 3.38	2.8346	.0583	66 18 46.1	19.983	.024	F	(20.1)	66 1640
1883	1781	8.5	42 34.56	2.8167	.0636	68 22 49.6	19.987	.023	3	21.3	68 1564
1884	1782	8.4	42 48.31	2.7901	.0696	70 29 14.3	19.988	.022	2	21.3	70 1427
1885	1783	8.9	42 57.28	2.8451	.0592	66 26 25.9	19.989	.022	3	20.5	66 1641
1886	1785	8.9	11 42 59.07	+2.8026	+0.0679	−69 51 20.7	−19.989	−0.022	3	21.3	69 1583
1887	1784	9.0	43 0.04	2.8341	.0616	67 28 1.2	19.990	.022	3	21.3	67 1817
1888	1786	8.9	43 7.34	2.8069	.0676	69 42 26.0	19.990	.022	4	20.5	69 1584
1889	1787	8.9	43 41.81	2.8467	.0615	67 12 37.0	19.994	.021	3	20.0	66 1643
1890	1788	8.8	43 47.62	2.8134	.0691	69 59 57.1	19.995	.020	3	20.2	69 1588
1891	1789	8.5	11 43 57.63*	+2.7959	+0.0734	−71 21 5.1	−19.996	−0.020	2	20.9	71 1283
1892	1790	7.4	44 5.67	2.8315	.0619	67 16 30.8	19.996	.020	3	21.0	66 1648
1893	1791	8.9	44 7.25	2.8371	.0653	68 34 8.2	19.997	.020	3	19.4	68 1567
1894	1792	8.8	44 11.32	2.8520	.0622	67 20 54.2	19.997	.020	3	21.3	67 1819
1895	1793	8.4	44 36.24*	2.8495	.0645	68 7 6.9	19.999	.019	2	22.9	67 1821
1896	1794	6.0	11 44 37.25	+2.8678	+0.0602	−66 23 51.6	−20.000	−0.020	3	21.2	66 1649
1897	1795	8.2	45 22.59	2.8384	.0707	70 2 10.6	20.004	.018	2	22.4	69 1591
1898	1796	(8.3)	45 30.84	2.8510	.0681	69 9 52.4	20.005	.018	3-4	19.7-19.6	68 1570
1899	1797	8.5	45 38.60	2.8628	.0657	68 16 55.0	20.005	.018	3	21.3	68 1571
1900	1798	8.7	45 50.80	2.8779	.0626	67 3 27.4	20.006	.017	3	21.3	66 1651

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1901	1799	9.0	11h46m 6s.25	+2s.8629	+0s.0679	−68°54′32″.3*	−20″.008	−0″.017	3	19.9	68°1572
1902	1800	8.9	46 14.48	2.8830	.0630	67 5 39.3	20.009	.017	3	20.0	66 1654
1903	1801	9.3	46 18.00	2.8562	.0706	69 45 57.2	20.009	.016	3	20.6	69 1594
1904	1802	6.0	46 20.43	2.8564	.0708	69 48 30.6	20.009	.016	4	20.5	69 1595
1905	1803	8.6	47 5.08	2.8791	.0683	68 46 0.2	20.013	.015	3	20.2	68 1574
1906	1804	8.0	11 47 17.52	+2.8925	+0.0653	−67 39 48.6	−20.014	−0.015	3	21.0	67 1836
1907	1805	(8.8)	47 23.06	2.8584	.0760	71 4 30.2	20.014	.014	2	19.4	70 1435
1908	1806	8.0	47 42.22	2.8914	.0678	68 26 38.2	20.016	.014	4	19.6	68 1576
1909	1807	9.2	47 57.63	2.9012	.0660	67 45 27.9	20.017	.014	4	21.3	67 1841
1910	1808	9.1	48 3.72	2.8910	.0700	69 3 34.3	20.017	.013	3	21.4	68 1577
1911	1809	(9.0)	11 48 10.31	+2.9043	+0 0662	−67 44 38.3	−20.018	−0.013	2	20.2	67 1842
1912	1810	9.0	48 23.90	2.8904	.0722	69 39 50.0	20.019	.013	3	21.3	69 1599
1913	1811	8.9	48 27.26	2.9034	.0681	68 20 15.5	20.019	.013	2	21.8	68 1578
1914	—	8.9	48 48.38	2.8676	.0826	72 21 56.8	20.021	.012	3	21.2	72 1171
1915	1812	8.9	48 51.03	2.8719	.0814	72 4 20.6	20.021	.012	3	21.3	71 1289
1916	1814	8.9	11 48 59.15	+2.8770	+0.0807	−71 50 57.1	−20.022	−0.012	3	21.3	71 1291
1917	1813	9.2	48 59.18	2.9008	.0723	69 32 12.5	20.022	.012	2-3	20.8-20.6	69 1600
1918	1815	8.3	49 12.54	2.9049	.0723	69 28 0.7	20.022	.011	3	21.0	69 1603
1919	1816	8.8	49 32.87	2.9120	.0718	69 14 45.4	20.024	.011	4	20.5	68 1580
1920	1817	8.7	49 38.73	2.9032	.0759	70 24 34.7	20.024	.011	3	19.4	70 1439
1921	1818	8.7	11 50 8.33	+2.9020	+0.0802	−71 23 52.8	−20.026	−0.010	2	22.3	71 1293
1922	1819	(8.7)	50 14.95	2.9089	.0782	70 52 47.0	20.027	.010	4	19.6	70 1440
1923	1820	8.8	50 18.65	2.9216	.0734	69 31 4.8	20.027	.010	3-2	20.0-20.4	69 1604
1924	1821	(8.8)	50 23.84	2.9393	.0664	67 15 12.3	20.027	.009	2	20.2	66 1671
1925	1822	9.1	50 29.78	2.9296	.0713	68 51 3.3	20.027	.009	3	21.0	68 1583
1926	1823	9.1	11 50 33.81	+2.9127	+0.0792	−71 2 10.2	−20.028	−0.009	2-3	21.3-21.2	70 1442
1927	1824	9.2	50 37.78	2.9341	.0703	68 30 26.8	20.028	.009	3	21.2	68 1585
1928	1825	8.7	50 45.73	2.9457	.0660	67 2 17.9	20.028	.009	3	21.3	66 1672
1929	1826	8.8	50 45.92	2.9284	.0739	69 33 17.3	20.029	.009	3	21.3	69 1606
1930	1827	8.9	50 54.62*	2.9423	.0687	67 54 29.8	20.029	.008	2	19.3	67 1854
1931	1828	8.1	11 51 13.56	+2.9287	+0.0776	−70 27 35.6	−20.030	−0.008	3	20.6	70 1443
1932	1829	8.8	51 39.74	2.9283	.0818	71 24 35.5	20.031	.007	3	20.6	71 1295
1933	1830	8.7	51 46.31	2.9550	.0691	67 57 14.9	20.032	.007	2	22.3	67 1855
1934	1831	7.8	51 59.42	2.9565	.0702	68 7 55.7	20.032	.007	3	20.2	67 1858
1935	1832	9.0	52 29.57	2.9623	.0714	68 23 43.8	20.034	.006	3-2	19.4	68 1589
1936	1833	8.9	11 52 44.76	+2.9483	+0.0822	−71 14 5.1	−20.035	−0.005	3	21.0	70 1445
1937	1834	8.9	52 59.35	2.9722	.0702	67 53 50.4	20.035	.005	3	19.9	67 1863
1938	1835	8.2	53 1.29	2.9626	.0766	69 44 18.6	20.035	.005	3-4	19.7-19.6	69 1612
1939	—	9.0	53 28.81	2.9867	.0654	66 10 33.4	20.036	.004	3	21.0	65 1756
1940	1836	9.2	53 46.56	2.9781	.0747	69 3 35.2	20.037	.003	3	21.3	68 1591
1941	1837	8.7	11 54 14.31	+2.9732	+0.0844	−71 21 54.0	−20.038	−0.002	3	20.0	71 1297
1942	1838	8.9	54 35.98	2.9901	.0757	69 7 58.0	20.039	.001	2-3	20.9-20.3	68 1594
1943	1839	7.5	54 43.87	2.9869	.0804	70 19 20.2	20.039	.000	3	21.2	70 1448
1944	1840	9.0	55 47.08*	2.9976	.0725	67 58 27.5	20.039	.000	2	22.3	67 1877
1945	1841	8.2	56 0.80	3.0155	.0725	67 55 0.9	20.042	+ .001	4	21.3	67 1879
1946	1842	8.5	11 56 5.40	+3.0119	+0.0782	−69 28 0.5	−20.042	+0.001	3	21.3	69 1617
1947	1843	8.9	56 20.38	3.0216	.0709	67 21 31.2	20.042	.001	3	20.2	67 1881
1948	1844	8.7	56 21.25	3.0124	.0832	70 37 8.1	20.042	.001	3	20.6	70 1450
1949	1845	9.0	56 25.89	3.0246	.0687	66 38 43.8	20.042	.002	3	20.6	66 1687
1950	1846	8.9	56 34.09	3.0234	.0730	67 56 9.9	20.042	.002	3	21.0	67 1882

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
1951	1847	9.1	11h56m36s.16	+3s.0242	+0s.0726	−67°49′14″.5	−20″.042	+0″.002	2-3	21.3	67°1883
1952	1848	8.7	56 40.42	3.0203	.0798	69 44 17.6	20.042	.002	3	21.3	69 1618
1953	1849	9.0	56 41.38	3.0200	.0805	69 54 41.8	20.042	.002	3	21.2	69 1619
1954	1850	8.8	57 12.89	3.0310	.0764	68 46 10.2	20.043	.003	3	21.3	68 1597
1955	1851	8.5	57 33.62	3.0319	.0852	70 48 33.3	20.043	.004	3	21.3	70 1453
1956	1853	8.1	11 57 53.49	+3.0390	+0.0820	−69 59 23.3	−20.044	+0.004	3	21.4	69 1622
1957	1852	8.0	57 54.05	3.0413	.0771	68 46 47.3	20.044	.004	3	19.4	68 1600
1958	1854	8.7	58 29.05	3.0505	.0761	68 23 46.2	20.044	.006	3	20.3	68 1602
1959	1855	(7.6)	58 37.92	3.0495	.0875	71 4 17.7	20.044	.006	3	20.0	70 1454
1960	1856	(7.6)	58 38.32	3.0521	.0784	68 58 35.8	20.044	.006	2	19.9	68 1603
1961	1858	8.2	11 58 46.11	+3.0526	+0.0848	−70 26 29.7	−20.044	+0.006	3	20.6	70 1455
1962	1857	6.1	58 46.79	3.0545	.0778	68 46 27.5	20.044	.006	6	20.4	68 1604
1963	1859	9.0	58 56.78	3.0578	.0738	67 40 48.5	20.044	.006	3	21.0	67 1890
1964	1860	8.3	58 59.84	3.0582	.0756	68 10 2.2	20.044	.006	3	21.0	67 1891
1965	1861	8.8	59 5.39	3.0590	.0785	68 53 59.1	20.044	.007	3	21.3	68 1606
1966	1862	9.0	11 59 23.93	+3.0639	+0.0775	−68 34 32.4	−20.045	+0.007	3	21.2	68 1608
1967	1863	9.0	59 32.52	3.0646	.0928	71 55 30.9	20.045	.008	3	21.3	71 1301
1968	1864	8.7	59 38.72	3.0665	.0922	71 46 35.0	20.045	.008	3	21.3	71 1302
1969	1865	8.7	59 48.70	3.0701	.0752	67 53 8.7	20.045	.008	2	21.4	67 1894
1970	1866	(7.9)	12 0 15.98	3.0769	.0803	69 6 15.3	20.045	.009	2	19.4	68 1610
1971	1867	9.0	12 0 24.22	+3.0791	+0.0813	−69 18 32.9	−20.045	+0.009	2	20.2	69 1624
1972	1868	8.7	0 35.98	3.0808	.0705	66 23 13.9*	20.045	.010	2	19.8	66 1696
1973	1869	9.0	0 41.28	3.0821	.0714	66 37 57.4	20.045	.010	3	20.0	66 1697
1974	1870	8.5	0 42.75	3.0847	.0883	70 48 6.3	20.045	.010	3	20.3	70 1457
1975	1871	5.5	0 46.10	3.0838	.0760	67 54 40.1	20.044	.010	3	20.2	67 1896
1976	1872	8.8	12 0 56.67	+3.0898	+0.0955	−72 7 7.2*	−20.044	+0.010	3	22.1	71 1305
1977	1873	8.4	0 57.38	3.0900	.0951	72 2 21.8	20.044	.010	2-3	20.8-20.7	71 1306
1978	1874	7.9	1 5.54	3.0899	.0830	69 35 2.7	20.044	.011	4	20.3	69 1626
1979	1875	8.7	1 5.71	3.0898	.0822	69 23 35.9	20.044	.011	2	20.4	69 1627
1980	1876	8.9	1 18.01*	3.0916	.0767	67 59 40.9*	20.044	.011	2	20.4	67 1897
1981	1877	8.5	12 1 32.40	+3.0952	+0.0775	−68 9 6.5	−20.044	+0.012	3	20.4	67 1899
1982	1878	8.6	1 36.14	3.0953	.0748	67 26 0.4	20.044	.012	2	20.8	67 1900
1983	1879	8.7	1 38.21	3.0983	.0831	69 29 43.9	20.044	.012	3	21.4	69 1630
1984	1880	7.7	1 54.93	3.1021	.0819	69 9 18.9	20.044	.012	4	21.4	68 1612
1985	1881	8.0	2 13.89	3.1062	.0803	68 42 31.7	20.044	.013	3	20.0	68 1614
1986	1882	8.8	12 2 14.71	+3.1053	+0.0816	−69 1 53.1	−20.044	+0.013	3-2	20.0-19.8	68 1616
1987	1883	9.3	2 19.05	3.1088	.0833	69 24 24.2	20.044	.013	3-4	21.4	69 1631
1988	1884	8.0	2 22.94	3.1097	.0832	69 22 49.9	20.044	.013	3	20.2	69 1632
1989	1885	7.0	2 24.64	3.1080	.0785	68 14 1.2	20.044	.013	3	20.3	67 1903
1990	1886	9.0	2 29.53	3.1107	.0739	69 0 41.0	20.043	.013	3	20.7	68 1617
1991	1887	9.1	12 2 34.54	+3.1174	+0.0933	−71 23 41.9	−20.043	+0.014	4	20.3	71 1308
1992	1888	8.8	3 20.54	3.1236	.0870	70 1 17.7	20.042	.015	2	20.8	69 1636
1993	1889	8.7	3 57.09	3.1283	.0766	67 27 58.5	20.042	.016	4	20.9	67 1907
1994	1890	9.0	4 12.59	3.1294	.0735	66 33 59.6	20.041	.017	3	19.7	66 1704
1995	1891	8.3	4 47.35	3.1427	.0802	68 13 20.0	20.040	.018	3	20.6	67 1910
1996	1892	8.6	12 4 56.99	+3.1548	+0.0915	−70 37 3.9	−20.040	+0.018	3	20.7	70 1464
1997	1893	8 7	5 25.57	3.1587	.0877	69 47 5.5	20.039	.019	2	20.2	69 1641
1998	1894	8.9	5 34.18	3.1642	.0911	70 25 59.7	20.039	.020	3	20.4	70 1465
1999	1895	7.6	5 40.06	3.1508	.0762	67 2 11.6	20.038	.020	3	21.4	66 1707
2000	1896	8.9	5 47.81	3.1730	.0964	71 21 35.8	20.038	.020	4	20.3	71 1316

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2001	1897	8.9	12h 6m 9s.83	+3s.1675	+0s.0857	−69°12′48″.5	−20″.037	+0″.021	3	20.4	68°1622
2002	1898	8.8	6 10.87	3.1795	.0966	71 19 44.6	20.037	.021	3	21.4	71 1317
2003	1899	8.6	6 29.70	3.1610	.0757	66 45 35.4	20.037	.022	3	20.2	66 1711
2004	1900	8.8	6 50.27	3.1682	.0781	67 19 5.1*	20.036	.022	2	19.8	67 1915
2005	1901	6.9	7 0.71	3.1732	.0803	67 50 35.7	20.035	.023	3	20 0	67 1916
2006	1902	9.3	12 7 9.03	+3.1852	+0.0886	−69 39 9.8	−20.035	+0.023	2	21.4	69 1643
2007	1904	9.1	7 18.31	3.1820	.0842	68 41 55.6	20.034	.023	3	20.3	68 1624
2008	1903	9.0	7 18.68	3.2028	.1010	71 51 16.0	20.034	.023	3	21.0	71 1318
2009	1905	8.9	7 26.40	3.1768	.0787	67 22 18.2	20.034	.024	3	20.7	67 1918
2010	1906	8.6	7 36.03	3.1998	.0948	70 45 34.2	20.034	.024	2	20.2	70 1468
2011	1907	8.9	12 8 28.25	+3.1902	+0.0787	−67 11 41.6	−20.031	+0.026	4	20.3	66 1716
2012	1908	7.0	8 43.70	3.2106	.0904	69 44 4.3	20.030	.026	2	19.8	69 1646
2013	1909	8.4	9 2.74	3.2206	.0940	70 21 56.7	20.029	.027	3	20.4	70 1470
2014	1910	8.9	9 18.03	3.2022	.0796	67 15 42.9	20.028	.027	3	20.0	66 1717
2015	1911	8.6	9 50.92	3.2197	.0860	68 38 43.7	20.026	.029	3-2	21.0-21.4	68 1631
2016	1912	8.5	12 10 9.43	+3.2521	+0.1032	−71 43 17.3	−20.025	+0.030	4	20.4	71 1321
2017	1913	8.8	10 12.98	3.2153	.0804	67 19 27.6	20.025	.029	3	21.4	67 1921
2018	—	7.6	10 14.41	3.2077	.0757	66 7 54.4	20.025	.029	4	21.4	65 1819
2019	1914	9.1	10 28.55	3.2582	.1039	71 46 19.5	20.024	.030	2-3	20.2	71 1322
2020	1915	8.8	10 34.96	3.2324	.0876	68 52 6.5*	20.023	.030	3	20.0	68 1632
2021	1916	8.7	12 10 35.38	+3.2199	+0.0803	−67 14 14.5	−20.023	+0.030	3	20.3	66 1723
2022	1917	8.1	10 42.33	3.2553	.1000	71 7 1.3	20.023	.031	2	19.8	70 1472
2023	1918	9.0	11 34.57	3.2457	.0875	68 41 9.8	20.019	.032	3-4	20.2-20.3	68 1634
2024	1919	9.0	11 39.53	3.2325	.0799	66 57 36.0	20.019	.032	3	20.7	66 1728
2025	1920	8.6	12 4.45	3.2705	.0970	70 24 35.8	20.017	.034	3	20.7	70 1475
2026	1923	8.7	12 12 12.81	+3.2559	+0.0883	−68 45 32.5	−20.016	+0.034	3	20.0	68 1637
2027	1922	9.0	12 13.33	3.2573	.0890	68 53 22.4	20.016	.034	3	21.4	68 1636
2028	1921	6.0	12 14.21	3.2949	.1088	72 11 51.1	20.016	.034	3-4	21.1-20.8	71 1323
2029	1924	8.9	13 12.43	3.2898	.0985	70 28 31.2*	20.011	.036	3	21.1	70 1477
2030	1925	8.5	13 15.10	3.2707	.0888	68 40 58.2	20.011	.036	5	20.7	68 1638
2031	1927	(6.6)	12 13 30.13	+3.2632	+0.0836	−67 32 38.1	−20.010	+0.036	F	(20.9)	67 1931
2032	1926	8.9	13 30.51	3.2543	.0794	66 33 6.0	20.010	.036	3	19.7	66 1732
2033	1928	8.8	13 39.62	3.2909	.0958	69 57 1.7	20.009	.037	3	21.4	69 1651
2034	1929	8.3	13 43.27	3.2790	.0897	68 48 10.1	20.009	.037	3	20.0	68 1639
2035	1930	8.2	13 48.81	3.2884	.0936	69 31 34.5	20.008	.037	3	20.2	69 1652
2036	1931	8.2	12 14 32.08	+3.3255	+0.1061	−71 28 1.9	−20.004	+0.039	2	21.4	71 1324
2037	—	8.6	14 57.02	3.2707	.0791	66 14 34.0	20.002	.039	3	20.7	65 1836
2038	1932	8.7	15 1.59	3.3345	.1068	71 30 3.3	20.002	.040	3	20.7	71 1325
2039	1933	9.2	15 35.39	3.2979	.0923	69 1 25.4	19.998	.041	4	20.3	68 1640
2040	1934	8.4	16 4.46	3.3214	.0945	69 21 31.0	19.995	.042	3	20.0	69 1654
2041	1935	9.5	12 16 10.16	+3.3091	+0.0889	−68 15 35.7	−19.995	+0.042	3	20.4	67 1936
2042	1936	8.9	16 36.26	3.3015	.0836	67 4 19.2	19.992	.043	2	19.8	66 1740
2043	1937	8.6	16 41.21	3.3032	.0839	67 7 17.2	19.992	.043	4	19.9	66 1742
2044	1938	8.7	16 47.52	3.3811	.1154	72 23 52.6	19.991	.045	3	20.0	72 1239
2045	1939	8.0	17 22.76	3.3324	.0920	68 41 39.0	19.987	.045	3	20.7	68 1642
2046	1940	6.0	12 17 56.23	+3.3202	+0.0846	−67 6 21.4	−19.983	+0.046	6	20.9	66 1747
2047	1941	6.9	17 59.63	3.3308	.0884	67 53 24.8	19.983	.047	4	21.4	67 1939
2048	1942	8.8	18 5.69	3.3193	.0836	66 51 16.4	19.982	.047	3	20.2	66 1748
2049	1943	8.7	18 23.43	3.3475	.0927	68 41 43.4	19.980	.048	4	20.0	68 1647
2050	1944	8.0	18 35.74	3.3330	.0864	67 23 52.1	19.979	.048	4	20.1	67 1941

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec	N° Obs.	Ep.	C. P. D.
2051	1945	7.2	12h19m11s.44	+3.3390	+0s.0860	−67°13′17″.1	−19″.974	+0″.049	4	20.3	66°1752
2052	1946	8.8	20 1.55	3.4059	.1062	70 42 22.9	19.968	.052	3	20.0	70 1480
2053	1947	8.7	20 9.10	3.3446	.0839	66 38 41.1	19.967	.051	4	20.3	66 1755
2054	1948	7.6	20 30.83	3.4446	.1178	72 11 17.2	19.964	.053	7	20.3	71 1326
2055	1949	8.8	20 32.68	3.3699	.0910	68 3 54.8*	19.964	.052	2	19.8	67 1945
2056	1950	7.7	12 20 35.57	+3.3583	+0.0869	−67 13 1.3	−19.964	+0.052	3	20.7	66 1757
2057	1951	8.4	20 42.64	3.4098	.1042	70 18 43.3	19.963	.053	3	20.7	70 1481
2058	1952	8.3	20 44.12	3.3719	.0909	68 1 9.3	19.963	.053	2-3	20.2-20.0	67 1946
2059	1953	9.1	20 52.35	3.3544	.0844	66 39 18.2	19.962	.053	2	20.4	66 1758
2060	1954	7.5	21 13.03	3.3956	.0969	69 3 40.1	19.959	.054	3	20.4	68 1650
2061	1955	8.8	12 23 7.33	+3.4880	+0.1194	−72 2 22.2	−19.943	+0.060	4	20.3	71 1327
2062	1956	7.5	23 43.36	3.4200	.0946	68 18 50.9	19.937	.060	3	20.0	68 1655
2063	1957	8.0	23 52.98	3.4574	.1058	70 7 47.8	19.936	.061	2-3	20.4	69 1657
2064	1958	9.0	23 55.45*	3.4217	.0943	68 14 15.0	19.936	.060	2-3	19.8-20.7	67 1957
2065	1959	8.8	24 18.52	3.4375	.0978	68 47 46.4*	19.932	.061	3	20.0	68 1656
2066	1960	8.5	12 24 38.94	+3.4148	+0.0896	−67 14 46.4	−19.929	+0.062	3	20.0	66 1778
2067	1961	8.0	25 12.89	3.4094	.0861	66 26 45.3	19.923	.063	3	21.4	66 1783
2068	—	8.9	25 21.14	3.4070	.0850	66 11 2.6	19.922	.063	3	21.4	65 1882
2069	1962	(8.8)	25 50.50	3.4513	.0962	68 20 1.7	19.917	.065	2	20.9	68 1664
2070	1963	8.6	26 3.26	3.5287	.1188	71 36 30.7	19.915	.067	3	20.0	71 1331
2071	1964	(4.9)	12 27 57.92	+3.5652	+0.1217	−71 43 8.0	−19.896	+0.072	F	(20.8-20.7)	71 1336
2072	1965	9.0	28 0.13	3.4828	.0978	68 20 8.5	19.895	.070	3	20.2	68 1676
2073	1967	8.5	28 16.25	3.4737	.0944	67 41 57.9*	19.892	.071	2	19.8	67 1989
2074	1966	8.4	28 16.26	3.5776	.1241	71 57 33.2	19.892	.073	3	20.3	71 1338
2075	1968	8.8	28 21.93	3.5143	.1054	69 30 37.2	19.891	.072	3	20.0	69 1666
2076	1969	(9.0)	12 28 39.43	+3.5191	+0.1057	−69 31 27.8	−19.888	+0.072	3	21.1	69 1667
2077	1970	9.4	28 44.70	3.4903	.0974	68 10 46.4	19.887	.072	3	20.3	67 1991
2078	1971	(8.9)	28 57.20*	3.4986	.0990	68 25 19.0	19.885	.073	3	20.7	68 1682
2079	1972	8.9	29 0.70	3.4994	.0990	68 25 24.9*	19.884	.073	3	20.4	68 1683
2080	1973	7.7	29 13.83	3.5007	.0986	68 20 6.8	19.882	.073	3	21.4	68 1684
2081	1974	9.0	12 29 27.05	+3.5409	+0.1199	−69 54 23.7	−19.880	+0.075	3	21.4	69 1670
2082	1975	9.0	29 28.66	3.5851	.1213	71 30 4.8	19.879	.076	3	20.2	71 1344
2083	1976	9.0	29 50.73	3.5325	.1052	69 19 13.0	19.875	.075	3	20.0	69 1673
2084	1977	9.1	30 9.13	3.4957	.0941	67 29 10.7	19.872	.075	2	20.3	67 2001
2085	1978	8.5	30 22.24	3.5445	.1067	69 28 41.5*	19.869	.077	3	20.0	69 1676
2086	1979	8.9	12 30 24.11	+3.5123	+0.0980	−68 5 32.8	−19.869	+0.076	3	20.0	67 2004
2087	1980	9.2	30 27.82	3.5495	.1078	69 37 14.8	19.868	.077	3-4	20.3	69 1677
2088	1981	7.5	30 29.68	3.4975	.0939	67 20 35.8	19.868	.076	3	20.1	67 2005
2089	—	8.1	30 40 52	3.6317	.1298	72 18 12.4	19.865	.079	3	20.7	72 1275
2090	1982	9.1	30 44.27	3.5314	.1020	68 42 43.0	19.865	.077	2-3	19.4-19.7	68 1692
2091	1983	8.9	12 30 52.72	+3.5635	+0.1101	−69 54 29.5	−19.863	+0.078	3	20.4	69 1679
2092	1984	8.7	31 4.57	3.5295	.1004	68 25 9.4	19.861	.078	3	20.7	68 1696
2093	1985	8.1	31 5.43	3.5187	.0976	67 56 15.2	19.861	.078	3	21.4	67 2009
2094	1986	(9.0)	31 9.40*	3.5042	.0938	67 15 17.6	19.860	.078	2	22.4	66 1823
2095	1987	8.9	31 46.84	3.5255	.0973	67 48 11.5*	19.852	.079	3	21.4	67 2015
2096	1989	7.6	12 32 0.96	+3.5061	+0.0917	−66 45 28.9	−19.849	+0.080	2-3	20.2-20.0	66 1834
2097	1988	8.6	32 1.13	3.5088	.0924	66 53 23.2	19.849	.080	3	20.2	66 1833
2098	1990	8.5	32 16.43	3.5104	.0921	66 48 3.9	19.846	.080	3	20.0	66 1837
2099	1992	9.0	32 26.96	3.5442	.1001	68 11 56.8	19.844	.081	4	21.2	67 2020
2100	1991	8.8	32 28.00	3.6167	.1188	70 52 11.8	19.844	.083	3	20.2	70 1497

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2101	1993	(3.7)	12h32m41s.48	+3s.5606	+0s.1035	−68°43′20″.5	−19″.841	+0″.082	F	(20.9-20.8)	68 1702
2102	1994	9.0	32 48.75	3.5781	.1075	69 19 25.6	19.840	.083	3	20.0	69 1683
2103	1995	(8.5)	33 10.17	3.5370	.0962	67 27 7.8	19.835	.083	3	20.1	67 2025
2104	1996	8.9	33 22.41	3.5628	.1020	68 24 41.4	19.833	.084	3	20.7	68 1705
2105	1997	8.6	33 25.76	3.6138	.1148	70 15 3.2	19.832	.085	3	20.7	69 1684
2106	1998	8.0	12 33 29.74	+3.5849	+0.1072	−69 11 24.2	−19.831	+0.085	3	19.7	68 1706
2107	1999	(8.3)	33 37.17	3.5642	.1016	68 19 22.6	19.829	.084	3	20.7	68 1707
2108	2000	9.1	33 59.14	3.5487	.0968	67 28 0.1	19.825	.085	2-3	20.2-20.0	67 2028
2109	2001	8.6	34 12.21	3.5734	.1022	68 21 3.4	19.822	.086	3	21.4	68 1709
2110	2002	8.0	34 21.57	3.5272	.0907	66 17 3.9	19.820	.085	3	20.0	66 1859
2111	2003	7.0	12 34 24.26	+3.5387	+0.0933	−66 46 51.1*	−19.819	+0.086	3	20.0	66 1861
2112	2004	8.8	34 30.45	3.6850	.1296	71 52 8.6	19.819	.089	3	21.4	71 1352
2113	2005	8.9	34 40.65	3.6648	.1237	71 12 35.0	19.816	.089	3	20.3	70 1502
2114	2006	8.5	34 41.39	3.6013	.1076	69 7 47.8	19.816	.088	3	20.2	68 1713
2115	2007	8.2	34 52.15	3.6958	.1311	71 59 22.9	19.813	.090	2	20.3	71 1353
2116	2008	8.5	12 35 22.14	+3.5481	+0.0930	−66 37 42.5	−19.806	+0.088	3	20.7	66 1866
2117	2009	9.2	35 28.08	3.5711	.0981	67 32 25.7	19.805	.089	3	20.7	67 2033
2118	2010	8.5	35 36.55	3.6993	.1294	71 43 58.9	19.803	.092	3	20.4	71 1358
2119	2011	7.9	35 37.64	3.6817	.1248	71 13 59.7	19.803	.091	4	21.4	70 1503
2120	2012	8.5	35 41.45	3.6218	.1097	69 19 1.2	19.802	.090	3	19.7	69 1686
2121	2013	7.8	12 35 55.53	+3.6502	+0.1159	−70 8 5.2	−19.799	+0.092	5	20.5	69 1689
2122	2014	8.9	36 0.08	3.7092	.1306	71 48 53.4*	19.798	.093	3	20.0	71 1361
2123	2015	9.1	36 3.45	3.6110	.1060	68 44 34.4	19.797	.091	3	20.0	68 1725
2124	2016	8.5	36 16.69	3.6518	.1152	70 0 31.1	19.794	.092	3	20.0	69 1690
2125	2017	8.8	36 19.82	3.5778	.0975	67 19 40.3	19.793	.091	2	20.8	67 2038
2126	2018	8.7	12 36 46.96	+3.6057	+0.1028	−68 9 47.8	−19.787	+0.092	3	21.4	67 2040
2127	2019	8.3	37 3.43	3.5690	.0936	66 33 31.2	19.783	.092	3	20.2	66 1881
2128	2020	8.9	37 21.72	3.5933	.0984	67 22 50.0	19.779	.093	2	20.3	67 2044
2129	2021	7.5	37 28.93	3.6395	.1088	68 59 45.5	19.777	.095	3	19.7	68 1731
2130	2022	9.0	37 30.66	3.6413	.1091	69 2 33.8	19.777	.095	3	20.7	68 1732
2131	2023	8.9	12 37 54.50	+3.6703	+0.1148	−69 46 59.0	−19.771	+0.096	3	20.7	69 1693
2132	2024	9.0	37 56.77	3.6345	.1066	68 35 19.4	19.770	.095	3	20.3	68 1734
2133	2025	8.8	38 12.17	3.6683	.1135	69 34 39.8	19.767	.097	2-3	20.4	69 1695
2134	—	8.4	38 21.51	3.7736	.1387	72 22 36.7	19.765	.100	3	21.4	72 1292
2135	2026	8.5	38 30.03	3.6589	.1105	69 8 2.0	19.763	.098	3	20.4	68 1736
2136	2027	8.6	12 38 48.55	+3.7674	+0.1356	−72 2 12.7	−19.758	+0.101	3	21.4	71 1370
2137	2028	8.9	38 49.90	3.5856	.0931	66 16 37.8	19.758	.097	3	20.0	66 1898
2138	—	9.0	38 55.04	3.5851	.0928	66 12 41.3	19.756	.097	3	20.2	65 1973
2139	2029	8.6	39 0.61	3.6524	.1076	68 40 0.1	19.755	.099	2	20.3	68 1739
2140	2030	8.5	39 5.79	3.7180	.1226	70 37 37.9	19.754	.100	3	20.0	70 1511
2141	2031	8.7	12 39 17.75	+3.6144	+0.0983	−67 10 12.4	−19.751	+0.098	3	20.7	66 1901
2142	2032	8.8	39 23.05	3.6688	.1103	69 1 27.9	19.749	.100	3	19.7	68 1740
2143	2033	9.4	39 25.55	3.7046	.1184	70 5 39.1	19.749	.101	2-3	21.0-20.8	69 1696
2144	—	8.6	39 30.59	3.7950	.1400	72 23 22.9	19.748	.103	3	21.4	72 1296
2145	2034	8.8	39 56.42	3.6504	.1047	68 8 33.9	19.741	.101	3	20.0	67 2052
2146	2035	7.9	12 40 22.67	+3.6711	+0.1082	−68 37 10.7	−19.734	+0.102	3	21.4	68 1744
2147	2036	7.0	40 24.17	3.6653	.1068	68 25 13.7*	19.734	.102	3	21.0	68 1745
2148	2037	8.8	40 32.07	3.7949	.1365	71 57 50.2	19.732	.106	3	20.3	71 1375
2149	2038	7.5	40 40.37	3.7698	.1301	71 18 3.5	19.730	.105	2	20.3	71 1376
2150	—	9.0	40 42.58	3.6091	.0939	66 14 9.1	19.729	.101	2	20.4	65 1990

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep	C. P. D.
2151	2039	(8.5)	12h40m59s.62	+3s.6384	+0s.0995	−67°12′ 0″.9	−19″.725	+0″.103	2	20.4	66°1916
2152	2040	8.7	41 29.33	3.6669	.1045	67 57 16.8	19.717	.105	3	20.0	67 2063
2153	2041	9.4	41 35.76	3.7699	.1273	70 54 52.0	19.715	.108	3	21.1	70 1519
2154	2042	(4.1)	41 39.71	3.6618	.1030	67 41 52.2	19.714	.105	F	(20.5)	67 2064
2155	2043	8.7	41 53.86	3.6291	.0955	66 24 27.0	19.711	.104	3	20.3	66 1927
2156	2044	8.9	12 42 3.23*	+3.7515	+0.1217	−70 14 18.2	−19.708	+0.108	2	19.8	69 1701
2157	2045	8.7	42 47.32	3.8045	.1317	71 16 25.6	19.696	.111	3	20.4	71 1383
2158	2047	8.5	43 6.26	3.8062	.1311	71 11 12.0	19.691	.112	3	20.0	70 1522
2159	2046	8.8	43 6.93	3.8443	.1399	72 3 4.1	19.691	.113	3	21.4	71 1385
2160	2049	8.8	43 21.52	3.7046	.1081	68 18 37.5*	19.687	.110	3	20.2	68 1758
2161	2050	8.8	12 43 23.33	+3.6911	+0.1051	−67 52 0.9	−19.687	+0.110	3	20.4	67 2074
2162	2048	9.1	43 23.49	3.7606	.1201	69 54 56.6	19.687	.111	3	21.4	69 1706
2163	2051	9.0	43 27.87	3.7379	.1149	69 15 20.6	19.685	.111	2	21.3	68 1759
2164	—	9.0	43 30.24	3.8673	.1441	72 23 34.5	19.685	.115	3	20.7	72 1309
2165	2052	8.9	43 39.26	3.7939	.1268	70 40 2.3	19.682	.113	3	20.7	70 1523
2166	2053	8.1	12 43 39.73	+3.6610	+0.0983	−66 43 18.1	−19.682	+0.109	3	20.4	66 1944
2167	2054	8.6	43 51.12	3.6700	.0997	66 56 52.3	19.679	.110	3	20.3	66 1947
2168	2055	7.5	44 10.25	3.7069	.1066	68 1 7.2	19.674	.112	3	20.0	67 2079
2169	2056	8.3	44 21.35	3.7418	.1135	68 59 0.8	19.671	.113	3	20.0	68 1764
2170	2057	7.9	44 38.84	3.8380	.1338	71 19 21 6	19.666	.117	3	21.4	71 1389
2171	2058	6.9	12 44 51.81	+3.8531	+0.1366	−71 34 38.5	−19.662	+0.118	3	21.4	71 1391
2172	2059	8.8	45 14.03	3.7283	.1086	68 12 37.6	19.656	.115	3	20.2	67 2086
2173	—	8.8	45 17.21	3.6653	.0957	66 7 7.1	19.655	.113	2	20.3	65 2027
2174	2060	8.0	45 39.64	3.8503	.1337	71 12 51.4	19.648	.119	2	20.4	70 1526
2175	2061	7.9	45 41.77	3.7671	.1156	69 7 47.2	19.647	.117	2-3	20.1-20.7	68 1768
2176	2062	8.5	12 45 53.42	+3.7604	+0.1137	−68 51 58.4	−19.644	+0.117	3	20.4	68 1771
2177	2063	8.5	45 56.39*	3.7302	.1074	67 57 51.9	19.643	.117	2	20.2	67 2092
2178	2064	9.0	46 4.30	3.7312	.1073	67 56 21.8	19.641	.117	3	20.0	67 2091
2179	2066	8.5	46 6.97	3.7024	.1014	67 0 49.3	19.640	.116	3	20.3	66 1960
2180	2067	9.0	46 8.89	3.7482	.1106	68 24 33.0	19.640	.118	3	20.4	68 1774
2181	2065	9.1	12 46 9.58	+3.7768	+0.1165	−69 12 21.9	−19.640	+0.118	3	21.1	68 1773
2182	2068	7.5	46 25.14	3.7818	.1169	69 14 12.4*	19.635	.119	3	19.7	68 1777
2183	2069	9.1	46 31.15	3.7513	.1103	68 20 44.5	19.633	.119	2-3	21.4	68 1778
2184	2070	8.8	46 44.10	3.6936	.0984	66 26 47.9	19.629	.117	3	21.4	66 1965
2185	2071	9.0	46 55.75	3.7671	.1126	68 37 29.6	19.626	.120	3	20.2	68 1780
2186	2073	8.5	12 47 7.44	+3.6987	+0.0986	−66 26 53.9	−19.623	+0.118	3-4	20.7-20.6	66 1969
2187	2072	8.8	47 11.98	3.8238	.1238	70 0 18.6	19.621	.122	3	20.7	69 1714
2188	2074	8.5	47 22.26	3.7687	.1119	68 29 31.1	19.618	.121	2	20.4	68 1783
2189	2075	8.7	47 48.81	3.8879	.1358	71 14 40.1	19.610	.125	3	20.7	70 1529
2190	2076	9 4	47 51.80	3.8389	.1252	70 7 4.0	19.609	.124	3	20.0	69 1719
2191	2077	9.1	12 47 58.90	+3.8121	+0.1194	−69 24 37.1	−19.607	+0.124	3	20 0	69 1720
2192	2078	8.8	48 17.72	3.8193	.1201	69 28 19.4	19.601	.125	4-3	20.1-20.4	69 1721
2193	2080	8.9	48 42.81	3.7213	.0997	66 30 13.3	19.594	.123	3	20.7	66 1979
2194	2079	7.7	48 45.10	3.8860	.1328	70 51 57.7	19.593	.128	3	21.4	70 1533
2195	2081	8.8	48 58.21	3.7402	.1029	66 59 50.1	19.589	.124	3	20.3	66 1982
2196	—	9.0	12 49 20.45	+3.7222	+0.0987	−66 16 15.4	−19.582	+0.124	3	21.4	65 2060
2197	2083	7.5	49 25.82	3.8430	.1222	69 37 47.7	19.580	.128	3	20.3	69 1725
2198	2082	9.1	49 26.07	3.8590	.1254	70 0 31.4*	19.580	.129	3	20.2	69 1724
2199	2084	8.7	49 33.09	3.9035	.1344	70 57 37.4	19.578	.130	3	20.7	70 1536
2200	2085	8.1	49 34.76	3.7961	.1124	68 22 0.4	19.577	.127	3	19.7	68 1790

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2201	2086	7.6	12h50m20s.96	+3s.8121	+0s.1139	−68°30′ 0″.3	−19″.563	+0″.129	3	20.7	68°1793
2202	2087	8.4	50 42.00	3.7934	.1095	67 51 30.6	19.556	.130	6	20.2	67 2117
2203	2088	7.8	50 43.60	3.8210	.1148	68 35 26.7	19.556	.131	3	21.4	68 1795
2204	2090	8.7	51 24.80	3.7582	.1014	66 33 4.4	19.543	.130	3	20.0	66 1995
2205	2089	6.8	51 29.40	3.9771	.1448	71 46 43.7	19.541	.137	5	20.7	71 1404
2206	2091	9.0	12 51 50.83	+3.7863	+0.1059	−67 12 56.1	−19.534	+0.132	3	20.2	66 2001
2207	2092	8.8	51 51.45	3.7838	.1054	67 8 13.3	19.534	.132	2	21.4	66 2002
2208	2093	8.6	52 34.18	3.8549	.1174	68 46 13.3	19.520	.136	4	20.1	68 1801
2209	2095	8.4	52 34.86	3.7821	.1036	66 48 24.9	19.520	.134	3	20.7	66 2009
2210	2094	8.2	52 35.40	3.8621	.1187	68 56 18.7	19.519	.136	3	20.0	68 1802
2211	2096	7.5	12 52 37.96	+3.8092	+0.1086	−67 33 16.9*	−19.518	+0.135	3	19.7	67 2129
2212	2097	9.3	52 53.95	3.8325	.1124	68 4 43.8	19.513	.136	3	21.1	67 2133
2213	2098	8.8	53 8.84	3.9231	.1294	70 8 29.4	19.508	.140	3	20.4	69 1733
2214	—	9.0	53 17.07	4.0419	.1535	72 22 25.5	19.505	.144	3	21.4	72 1324
2215	2099	8.4	54 8.07	3.9208	.1266	69 45 29.0	19.488	.142	3	20.0	69 1739
2216	2100	8.1	12 54 23.76	+3.9469	+0.1311	−70 13 44.5	−19.483	+0.144	6	20.1	69 1741
2217	2102	8.6	54 34.21	3.8115	.1052	66 53 31.0	19.479	.139	3	20.0	66 2023
2218	2101	8.8	54 35.16	3.9597	.1332	70 25 47.0	19.479	.144	2-3	21.4	70 1543
2219	2103	8.6	54 38.10	3.8237	.1073	67 12 24.0*	19.478	.140	3	19.7	66 2024
2220	2104	9.5	55 9.90	3.8765	.1160	68 22 39.9	19.467	.143	3	20.6	68 1811
2221	2109	8.4	12 55 28.19	+3.8074	+0.1029	−66 26 36.0	−19.461	+0.141	2-3	20.3	66 2028
2222	2110	8.8	55 33.24	3.8747	.1148	68 11 57.8	19.459	.144	3	20.7	67 2151
2223	2105	8.5	55 33.27	4.0404	.1470	71 39 35.5	19.459	.150	3	20.7	71 1413
2224	2107	8.8	55 34.48	3.9452	.1281	69 48 18.6	19.458	.146	4	20.1	69 1743
2225	2111	9.0	55 36.05	3.8877	.1171	68 29 49.7	19.458	.144	3	20.3	68 1814
2226	2106	8.8	12 55 39.65	+4.0750	+0.1538	−72 13 14.7	−19.457	+0.151	3	20.4	71 1414
2227	2108	8.1	55 40.24	4.0635	.1514	72 1 30.1	19.456	.151	3	21.4	71 1415
2228	2112	9.0	55 55.66	3.9652	.1311	70 6 30.1	19.451	.148	3-2	20.0-20.2	69 1745
2229	2113	8.9	56 3.32	4.0822	.1542	72 13 33.6	19.448	.152	2	21.3-20.2	71 1416
2230	2115	8.9	56 20.57*	3.8465	.1082	67 12 6.2*	19.442	.145	3	19.7	66 2030
2231	2114	8.7	12 56 24.79	+4.0718	+0.1511	−71 56 44.8	−19.441	+0.153	3-2	20.2	71 1417
2232	2116	(8.9)	56 30.82	3.9911	.1348	70 26 38.5	19.438	.150	1	20.3	70 1546
2233	2117	9.3	56 41.59	3.9374	.1241	69 16 15.3	19.435	.149	3	21.4	69 1747
2234	2118	8.1	56 43.00	3.8612	.1101	67 27 8.9	19.434	.146	3	20.7	67 2157
2235	2120	7.8	57 1.43	3.9223	.1206	68 49 32.1	19.427	.149	3	20.7	68 1818
2236	2119	(6.6)	12 57 5.16	+4.0374	+0.1425	−71 8 41.5	−19.426	+0.153	F	(20.7)	70 1548
2237	2121	8.8	57 15.26	3.8954	.1152	68 7 4.3	19.422	.149	3	20.4	67 2159
2238	2123	8.9	57 26.54	3.8279	.1030	66 18 11.5	19.418	.147	3	21.4	66 2038
2239	2122	8.7	57 31.74	4.0961	.1531	72 1 42.7	19.417	.156	3	21.4	71 1419
2240	2125	9.2	57 33.76	3.8322	.1035	66 22 43.2	19.416	.147	3	20.2	66 2040
2241	2124	8.9	12 57 35.60	+3.8912	+0.1138	−67 54 9.9	−19.415	+0.149	3	20.3	67 2161
2242	2126	6.5	57 57.61	4.0478	.1424	71 4 20.1	19.407	.156	3	20.0	70 1553
2243	2127	8.5	58 8.33	3.9195	.1178	68 23 31.5	19.403	.152	3	20.7	68 1824
2244	2129	(8.0)	58 50.32	3.9983	.1309	69 51 54.9	19.388	.156	4	20.1	69 1752
2245	2128	8.6	58 54.03	4.1250	.1554	72 6 36.2	19.386	.161	3	20.7	71 1422
2246	2130	9.0	12 59 21.90	+3.9432	+0.1197	−68 32 0.4	−19.376	+0.155	3-5	21.4-21.2	68 1827
2247	2131	8.5	59 41.36	3.9973	.1289	69 35 5.2	19.369	.158	3	20.0	69 1754
2248	2132	8.9	59 50.94	4.0576	.1398	70 41 36.3	19.365	.161	3	21.4	70 1559
2249	2133	8.7	59 51.50	3.8645	.1051	66 27 4.3	19.365	.158	3	21.4	66 2054
2250	2134	8.0	13 0 11.88	3.9860	.1257	69 11 38.3	19.357	.159	3	19.7	68 1828

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2251	2135	9.3	13h 0m14s.13	+3s.9547	+0s.1200	−68°30′38″.3*	−19″.356	+0″.158	3	20.2	68°1829
2252	—	(9.0)	0 41.85*	4.1754	.1607	72 23 52.8	19.346	.168	2	20.3	72 1341
2253	2136	9.0	0 48.34	3.9589	.1197	68 25 26.8	19.343	.160	3	20.0	68 1832
2254	2137	8.9	0 54.09	3.9392	.1160	67 57 0.0	19.341	.159	3	20.0	67 2173
2255	2138	8.8	1 0.85	3.9504	.1178	68 10 8.1	19.339	.160	3	20.7	67 2174
2256	2139	9.0	13 1 3.81	+4.0045	+0.1273	−69 18 42.3	−19.337	+0.162	3	20.7	69 1757
2257	2140	8.5	1 10.14	3.9855	.1237	68 53 13.0	19.335	.161	3	20.3	68 1834
2258	—	7.8	1 10.21	4.1836	.1611	72 23 49.1	19.335	.169	3	20.4	72 1343
2259	2141	8.9	1 15.00	3.8900	.1070	66 38 38.2	19.333	.158	3	21.4	66 2060
2260	2142	8.9	1 16.56*	3.8789	.1051	66 20 49.4	19.333	.158	4	21.4	66 2061
2261	2143	8.7	13 1 21.35	+3.9197	+0.1118	−67 20 42.6*	−19.331	+0.159	3	20.6	67 2177
2262	2144	9.0	1 29.23	3.8947	.1074	66 41 1.6	19.328	.159	2-3	21.4	66 2064
2263	2145	(8.6)	1 33.95	3.9377	.1145	67 42 11.4	19.326	.161	3	20.7	67 2178
2264	2146	9.0	1 43.92	3.8887	.1060	66 27 0.4	19.322	.159	3	20.7	66 2070
2265	2147	9.0	2 10.47	4.0909	.1408	70 37 15.7	19.312	.168	3	20.0	70 1563
2266	2149	8.6	13 2 10.85	+3.8987	+0.1069	−66 33 27.8	−19.311	+0.160	3	19.7	66 2075
2267	2148	9.3	2 19.02	4.0650	.1357	70 6 49.1	19.308	.167	3	20.4	69 1761
2268	2150	8.9	2 26.30	4.0326	.1295	69 27 46.3	19.305	.166	3	20.0	69 1763
2269	—	7.8	3 16.49	4.2227	.1633	72 25 19.3	19.286	.176	4	20.4	72 1349
2270	2151	7.0	3 28.23	3.9504	.1133	67 23 46.2	19.281	.166	3	21.4	67 2192
2271	2152	8.8	13 3 33.81	+3.9556	+0.1140	−67 29 12.4	−19.279	+0.166	4	21.4	67 2193
2272	2153	8.5	3 40.56	4.0439	.1290	69 19 22.5	19.276	.170	3	20.6	69 1765
2273	2154	8.9	3 50.95	4.0305	.1264	69 0 28.7	19.272	.170	3	20.3	68 1836
2274	—	8.1	4 39.33*	3.9140	.1053	66 8 35.7	19.252	.167	3	20.7	65 2181
2275	2155	8.5	4 43.88	4.2226	.1597	72 3 9.4	19.250	.180	3	20.0	71 1430
2276	2156	9.1	13 4 54.05*	+3.9967	+0.1186	−67 59 35.5	−19.246	+0.171	3	20.8	67 2200
2277	2159	8.6	5 3.99	3.9267	.1067	66 19 45.5	19.242	.169	3	20.7	66 2092
2278	2157	9.1	5 5.06	4.0645	.1299	69 18 57.2	19.242	.174	3	20.4	69 1768
2279	2158	9.0	5 7.17	4.0181	.1218	68 22 56.1	19.241	.172	3	20.3	68 1839
2280	2160	8.8	5 13.06	3.9632	.1124	67 9 5.4	19.239	.170	3	21.4	66 2093
2281	2161	8.4	13 5 38.47	+4.1336	+0.1410	−70 24 33.7	−19.228	+0.178	4	21.4	70 1567
2282	2162	7.8	5 49.07	4.1985	.1525	71 24 54.7	19.224	.182	3	20.6	71 1434
2283	2163	9.0	6 16.25	4.0975	.1333	69 36 2.6	19.213	.178	3	20.4	69 1771
2284	2164	9.0	6 16.37	4.0428	.1238	68 33 9.8	19.212	.176	3	20.3	68 1841
2285	2167	8.7	6 35.93	3.9777	.1125	67 4 1.9	19.204	.174	4	19.9	66 2110
2286	2166	8.3	13 6 38.22	+4.0462	+0.1240	−68 31 4.9	−19.203	+0.177	2-3	20.8-20.7	68 1843
2287	2165	6.5	6 39.48	4.1001	.1330	69 32 35.2	19.203	.180	3	20.0	69 1772
2288	2168	9.3	6 39.96*	4.0266	.1204	68 6 30.7	19.203	.176	3	21.1	67 2205
2289	2169	8.6	6 43.49	4.0793	.1292	69 8 19.4	19.201	.179	4	20.4	68 1844
2290	2170	9.0	6 45.41	4.0229	.1196	68 0 17.5	19.200	.177	3	21.4	67 2206
2291	2172	8.8	13 6 50.57	+3.9802	+0.1125	−67 3 0.4	−19.198	+0.175	2	21.3	66 2113
2292	2171	9.1	6 53.24	4.0874	.1303	69 14 46.9	19.197	.180	3	21.4	68 1846
2293	2173	(9.0)	7 3.10	4.1429	.1397	70 11 33.8	19.193	.182	2	20.2	69 1773
2294	2174	8.8	7 10.34	4.1292	.1370	69 55 24.5*	19.190	.182	2	20.3	69 1774
2295	2175	9.2	7 22.49	4.0552	.1239	68 29 18.1	19.185	.179	3	20.3	68 1847
2296	2176	8.3	13 7 48.18	+4.2823	+0.1634	−72 8 44.9	−19.174	+0.190	3	20.7	71 1438
2297	2177	8.8	7 54.26	4.1306	.1358	69 45 12.1	19.171	.184	2	20.2	69 1776
2298	2179	9.2	8 20.10	4.0659	.1240	68 25 55.0	19.160	.182	2	20.4	68 1851
2299	2178	8.2	8 20.77	4.0496	.1212	68 6 4.5	19.160	.182	6	20.3	67 2213
2300	2180	9.1	8 29.16	4.2237	.1510	71 7 39.7	19.156	.189	2-3	21.4	70 1573

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2301	2181	8.9	13h 8m33s.09	+4s.2460	+0s.1549	−71°26′47″.7	−19″.155	+0″.190	3	21.4	71°1439
2302	—	9.2	8 39.54	3.9637	.1070	66 7 25.3	19.152	.179	3	20.6	65 2205
2303	2183	8.9	8 40.57	4.0265	.1169	67 31 42.2	19.151	.181	3	20.7	67 2217
2304	2182	9.1	8 45.64	4.1521	.1378	69 54 4.5	19.149	.187	2	20.8	69 1777
2305	2184	7.6	10 0.53	4.1819	.1404	70 4 50.8	19.117	.191	3	20.7	69 1783
2306	2185	8.2	13 10 3.59	+4.0430	+0.1172	−67 29 0.0	−19.115	+0.186	3	20.7	67 2223
2307	2186	(5.6)	10 8.64	4.0448	.1174	67 29 51.7	19.113	.186	F	(20.4)	67 2224
2308	2187	7.2	10 12.85	4.1384	.1326	69 16 53.8	19.111	.190	2	20.2	69 1784
2309	2188	9.2	10 22.85	4.1453	.1335	69 21 42.7	19.107	.191	3	20.7	69 1787
2310	2189	8.2	10 48.68	4.1400	.1318	69 9 14.3	19.095	.192	3	21.4	68 1858
2311	2190	8.8	13 10 51.25	+4.0874	+0.1230	−68 9 39.8	−19.094	+0.189	3	21.4	67 2227
2312	2191	8.6	11 6.60	4.2082	.1428	70 14 4.5	19.088	.195	3	20.4	69 1790
2313	2192	9.2	11 31.71	4.1876	.1384	69 47 35.9	19.076	.196	3	20.6	69 1792
2314	2193	9.3	11 32.61	4.1188	.1270	68 34 35.2	19.076	.192	3	20.3	68 1862
2315	2194	6.0	12 8.52	4.0192	.1102	66 23 16.2	19.060	.189	2	20.2	66 2142
2316	2195	9.0	13 12 31.48	+4.1800	+0.1352	−69 24 50.5	−19.049	+0.198	3	20.7	69 1797
2317	2196	8.2	12 31.54	4.0319	.1116	66 33 31.7	19.049	.191	3	20.7	66 2146
2318	2197	8.5	12 38.69	4.0856	.1197	67 38 41.2	19.046	.194	4	20.4	67 2235
2319	2198	7.0	12 43.79	4.1101	.1235	68 6 0.9	19.044	.195	3	20.0	67 2237
2320	2199	8.8	13 23.90	4.1299	.1255	68 18 1.0*	19.025	.198	3	19.7	68 1873
2321	2201	7.0	13 13 48.34	+4.3472	+0.1614	−71 38 23.4	−19.014	+0.209	3	21.4	71 1458
2322	2202	8.8	14 2.50	4.0834	.1172	67 13 40.6	19.008	.197	3	20.4	66 2161
2323	2203	7.6	14 31.88	4.2758	.1474	70 27 37.2	18.994	.207	3	21.4	70 1589
2324	2204	7.7	14 34.57	4.0778	.1155	66 58 12.3	18.993	.198	3	20.2	66 2164
2325	2205	8.9	14 38.63	4.1822	.1317	68 55 17.6	18.991	.203	3-4	20.0-20.4	68 1884
2326	2206	9.3	13 14 50.27	+4.2598	+0.1441	−70 8 37.2	−18.985	+0.207	2-3	20.3	69 1805
2327	2207	8.7	15 11.38	4.2493	.1417	69 53 48.1	18.976	.208	3	20.7	69 1807
2328	2208	8.8	15 19.12	4.2134	.1356	69 17 11.1	18.972	.206	2-3	19.9-19.7	69 1808
2329	—	8.4	15 23.69	4.0488	.1099	66 8 16.0	18.970	.199	3	20.7	65 2267
2330	—	9.0	15 45.92	4.0552	.1103	66 10 33.4	18.959	.200	4	20.4	65 2270
2331	2211	7.7	13 16 17.24	+4.1087	+0.1175	−67 8 36.4	18.945	+0.204	3	21.4	66 2171
2332	2209	8.2	16 17.30	4.2435	.1387	69 32 44.6	18.944	.210	3	21.4	69 1813
2333	2210	8.5	16 20.11	4.1992	.1315	68 47 59.8	18.943	.208	3	20.0	68 1890
2334	2212	8.0	16 40.74	4.2886	.1454	70 9 15.1	18.933	.213	3	20.2	69 1816
2335	2213	8.8	16 59.79	4.2262	.1346	69 5 40.7	18.924	.211	3	20.4	68 1897
2336	2215	8.6	13 17 7.95	+4.2205	+0.1335	−68 58 4.9	−18.920	+0.211	3	20.3	68 1898
2337	2214	(7.3)	17 17.12	4.4139	.1654	71 45 14.6	18.916	.221	4	20.6	71 1467
2338	2216	9.4	17 26.84	4.2058	.1306	68 38 32.7	18.911	.211	3	20.7	68 1903
2339	2217	8.5	18 6.02	4.2008	.1287	68 24 0.1	18.892	.213	3-4	20.3-20.4	68 1905
2340	2218	8.6	18 12.48	4.2250	.1323	68 47 11.0	18.889	.214	3	20.0	68 1906
2341	2219	8.5	13 18 18.89*	+4.3029	+0.1446	−69 59 48.0	−18.886	+0.218	3	20.7	69 1829
2342	2220	8.7	18 38.82	4.3348	.1492	70 23 27.6	18.876	.221	3-4	20.4	70 1601
2343	2221	8.0	19 0.46	4.1328	.1170	66 55 25.1	18.865	.212	4	20.2	66 2192
2344	2222	9.3	19 2.16	4.1316	.1168	66 53 33.8	18.865	.212	3	21.4	66 2193
2345	2223	7.6	19 14.72	4.3196	.1456	70 2 10.7	18.858	.221	3	21.4	69 1834
2346	2224	8.6	13 19 22.01	+4.2142	+0.1287	−68 19 41.8*	−18.855	+0.217	3	20.4	68 1913
2347	2225	8.7	20 8.54	4.1940	.1244	67 47 13.4	18.832	.217	3	20.2	67 2274
2348	2227	7.5	20 11.71	4.2145	.1274	68 8 15.3	18.830	.219	3	20 3	67 2275
2349	2228	9.1	20 18.29*	4.2410	.1313	68 33 42.7	18.827	.220	3	20.6	68 1919
2350	2226	6.4	20 20.59	4.3501	.1484	70 14 11.9	18.825	.226	7	20.6	69 1838

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2351	2229	8.7	13h20m58s.08	+4s.3535	+0s.1478	−70° 8′59″.2	−18″.807	+0″.228	3	20.7	69°1843
2352	—	8.8	21 5.21	4.1218	.1125	66 11 2.5	18.803	.216	4	20.4	65 2325
2353	2230	7.5	21 54.38	4.1548	.1160	66 37 57.2*	18.778	.220	3	19.7	66 2222
2354	2231	8.2	22 10.35	4.1440	.1141	66 21 28.1*	18.770	.220	3	20.0	66 2224
2355	2232	7.2	23 4.38	4.2156	.1231	67 28 49.0	18.742	.226	3	20.6	67 2286
2356	2233	6.8	13 23 18.59	+4.3251	+0.1393	−69 14 17.7	−18.735	+0.232	5	21.2	68 1929
2357	2234	8.8	23 18.98	4.2534	.1283	68 4 33.4	18.735	.228	3	21.4	67 2287
2358	2235	8.7	23 39.26	4.1740	.1163	66 34 46.4	18.724	.225	2	20.3	66 2231
2359	2236	9.0	23 52.10	4.2166	.1221	67 18 46.1	18.717	.228	3	19.7	67 2288
2360	2237	9.4	24 38.46	4.3325	.1380	69 2 44.6	18.693	.236	3	21.4	68 1933
2361	2238	8.6	13 25 11.29	+4.3523	+0.1401	−69 13 38.0	−18.676	+0.238	4	20.3	68 1937
2362	2239	8.5	25 57.11	4.3307	.1356	68 44 14.0*	18.651	.239	3-4	21.0-20.8	68 1938
2363	2240	9.0	26 7.44	4.3141	.1329	68 26 25.9	18.646	.239	3	20.3	68 1939
2364	—	8.8	26 14.66	4.1857	.1144	66 11 27.5	18.642	.232	3	20.7	65 2358
2365	2241	8.9	26 19.32	4.3391	.1363	68 47 14.7	18.640	.241	3	20.4	68 1940
2366	2242	8.5	13 26 39.98	+4.2457	+0.1221	−67 11 6.5	−18.629	+0.236	2	20.2	66 2248
2367	2243	8.0	27 0.38	4.3481	.1365	68 46 39.8	18.618	.243	4	20.9	68 1943
2368	2244	7.5	27 2.27	4.3530	.1372	68 50 45.5	18.616	.243	3	20.7	68 1944
2369	2245	8.4	27 26.06	4.4433	.1502	70 2 52.8	18.604	.249	4	20.4	69 1873
2370	2246	8.3	28 21.05	4.3249	.1310	68 7 59.9	18.574	.245	2-3	21.4-20.7	67 2305
2371	2247	8.0	13 28 23.81	+4.2207	+0.1162	−66 20 52.3	−18.572	+0.239	3	20.6	66 2255
2372	2248	9.3	29 33.47	4.3714	.1359	68 35 48.8	18.534	.250	3	20.4	68 1949
2373	2249	8.7	29 52.10	4.3780	.1363	68 37 55.2	18.523	.252	3	20.6	68 1950
2374	2250	8.5	30 28.21	4.4243	.1422	69 10 48.8*	18.503	.256	2	19.8	68 1952
2375	2251	(8.8)	30 32.96	4.4262	.1423	69 11 28.2	18.500	.256	2	20.9	68 1953
2376	2252	9.0	13 30 44.71	+4.3978	+0.1378	−68 44 44.3	−18.494	+0.255	3	21.4	68 1954
2377	2253	8.7	31 47.42	4.3201	.1253	67 19 44.0	18.459	.253	3	21.0	67 2318
2378	—	8.8	31 51.46	4.7190	.1856	72 25 33.5	18.456	.276	2	21.3	72 1419
2379	2254	8.2	32 7.67	4.4063	.1369	68 35 29.7	18.447	.259	2	20.2	68 1958
2380	2255	8.7	32 15.52	4.5135	.1524	70 1 47.1	18.442	.266	2	20.9	69 1890
2381	2256	8.9	13 32 19.71	+4.3269	+0.1254	−67 19 39.3	−18.440	+0.255	5	20.7	67 2320
2382	2257	8.0	32 58.54	4.4404	.1405	68 54 44.3	18.418	.263	2	19.8	68 1962
2383	2258	7.3	33 2.69	4.5277	.1532	70 3 44.3	18.415	.268	3	20.4	69 1898
2384	2259	9.1	33 2.88	4.5076	.1502	69 48 17.0	18.415	.267	3	20.7	69 1899
2385	2260	8.9	33 7.83	4.5032	.1494	69 43 56.7	18.412	.267	3	21.4	69 1900
2386	2261	8.3	13 33 33.10	+4.7173	+0.1818	−72 7 22.0	−18.398	+0.281	2	21.3	71 1495
2387	2262	7.5	33 47.10	4.3430	.1256	67 17 8.2	18.390	.260	3	20.2	67 2325
2388	2263	7.5	34 13.27	4.5731	.1580	70 24 24.6	18.375	.274	5	20.5	70 1653
2389	—	9.0	34 15.88	4.2856	.1173	66 13 31.5	18.373	.258	3	20.7	65 2409
2390	2264	8.6	34 46.86	4.4288	.1360	68 23 39.4	18.355	.267	2-3	19.8-19.7	68 1972
2391	2265	8.8	13 35 7.53	+4.5226	+0.1489	−69 36 36.9	−18.343	+0.274	3	20.6	69 1904
2392	2266	9.0	35 16.46	4.5382	.1510	69 46 58.9	18.337	.275	3	21.1	69 1905
2393	—	8.9	35 24.89	4.2955	.1171	66 9 18.5	18.333	.261	4	20.4	65 2419
2394	—	7.7	35 26.06	4.3004	.1177	66 14 11.9	18.332	.261	3	21.4	65 2420
2395	2267	8.3	35 53.39	4.3837	.1282	67 30 7.9	18.316	.267	3-2	20.2	67 2339
2396	2268	8.8	13 36 1.97	+4.5169	+0.1466	−69 22 9.3	−18.311	+0.276	3	21.4	69 1907
2397	2269	8.2	36 44.93	4.5802	.1546	70 2 17.1	18.285	.281	2	20.3	69 1910
2398	2270	7.8	36 46.55	4.4897	.1416	68 52 4.3	18.284	.276	3	20.7	68 1981
2399	2271	8.9	36 57.52	4.6090	.1586	70 20 51.1	18.277	.284	3	20.6	70 1659
2400	—	8.2	37 23.09	4.3218	.1180	66 12 0.6	18.262	.268	4	20.6	65 2453

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2401	2272	7.7	13h37m28s.30	+4s.4905	+0s.1406	−68°44'55".3	−18".259	+0".278	3	19.7	68°1984
2402	2273	8.8	37 35.65	4.3789	.1252	67 5 19.5*	18.255	.271	3	20.6	66 2297
2403	2274	9.0	37 44.56	4.3766	.1247	67 1 23.8	18.249	.272	2-3	20.3-20.7	66 2299
2404	—	9.0	37 51.02	4.3249	.1178	66 9 23.2	18.245	.269	4	21.2	65 2438
2405	—	8.8	38 5.99	4.3253	.1176	66 6 47.4	18.236	.269	3	21.4	65 2439
2406	2276	8.5	13 39 6.75	+4.3569	+0.1205	−66 26 9.9	−18.199	+0.274	3	21.4	66 2306
2407	2275	7.7	39 10.60	4.7148	.1704	71 9 20.5	18.197	.296	2	20.8	70 1664
2408	2277	8.8	39 16.14	4.4677	.1348	68 5 42.3	18.194	.281	3	20.6	67 2355
2409	2278	8.8	39 44.67	4.7672	.1774	71 36 29.2	18.176	.301	3	20.2	71 1507
2410	2279	7.8	39 47.88	4.3617	.1201	66 22 41.4	18.174	.276	3	20.3	66 2309
2411	2280	8.3	13 40 15.10	+4.4820	+0.1354	−68 6 54.8	−18.157	+0.284	3	20.7	67 2364
2412	2281	8.9	41 9.75	4.6210	.1532	69 45 35.5	18.124	.295	4	21.7	69 1924
2413	2282	(8.6)	41 12.34	4.6532	.1578	70 7 55.6	18.122	.298	3	20.7	69 1925
2414	2283	8.5	41 15.97	4.5089	.1375	68 18 7.9	18.120	.288	3	19.7	68 1998
2415	2285	8.9	41 17.93	4.3798	.1206	66 22 40.3	18.118	.281	3	20.7	66 2314
2416	2284	8.8	13 41 19.18	+4.5652	+0.1511	−69 1 38.7	−18.118	+0.292	3	20.7	68 1999
2417	2286	7.6	41 35.69	4.7239	.1674	70 51 20.7	18.107	.303	3	20.4	70 1670
2418	2288	7.7	42 30.88	4.4872	.1328	67 46 17.7	18.073	.291	3	20.6	67 2374
2419	2287	9.3	42 31.45	4.6762	.1589	70 10 29.8	18.072	.302	3	21.4	69 1930
2420	2289	8.8	42 50.66	4.4439	.1268	67 4 51.4	18.060	.289	2	21.4	66 2325
2421	2290	9.2	13 43 1.58	+4.5921	+0.1462	−69 4 57.7	−18.053	+0.298	2-3	20.2	68 2004
2422	2291	8.8	43 13.59*	4.7009	.1612	70 20 14.1	18.046	.306	3	20.3	70 1674
2423	2292	8.9	43 38.99	4.7001	.1604	70 15 32 8	18.029	.307	3	21.1	70 1677
2424	2293	8.4	43 57.82	4.4267	.1231	66 36 35.6*	18.017	.290	3	19.7	66 2331
2425	2294	8.7	44 42.67	4.4254	.1220	66 27 0.7	17.989	.292	2	20.4	66 2338
2426	2295	8.9	13 45 16.82	+4.4249	+0.1213	−66 20 11.2	−17.967	+0.294	3	20.7	66 2345
2427	2296	9.1	45 39.71	4.6875	.1554	69 47 12.6	17.952	.312	2	20.9	69 1939
2428	2297	8.8	45 54.76*	4.7445	.1629	70 23 3.3	17.942	.316	5	21.2	70 1684
2429	2298	7.0	45 55.91	4.6276	.1467	69 1 46.7	17.941	.308	3	20.7	68 2014
2430	2301	8.4	46 26.46	4.5106	.1306	67 23 54.9	17.921	.302	3	20.6	67 2407
2431	2300	8.8	13 46 29.78	+4.6097	+0.1435	−68 42 43.8	−17.919	+0.309	3	21.4	68 2015
2432	2299	9.1	46 34.49	4.7941	.1689	70 48 19.2	17.916	.321	3	21.4	70 1685
2433	2302	9.1	46 47.10	4.6443	.1477	69 5 29.0	17.908	.312	3	20.4	68 2016
2434	2303	7.6	47 2.88	4.6974	.1545	69 40 35.8	17.898	.316	3-2	20.6-20.9	69 1945
2435	2304	9.2	47 5.22	4.5760	.1382	68 10 40.0	17.896	.308	2-3	20.2	67 2410
2436	2305	9.0	13 47 26.24	+4.5972	+0.1405	−68 23 39.2	−17.882	+0.310	3	20.3	68 2021
2437	—	7.2	47 41.48	4.4410	.1204	66 8 32.7	17.872	.301	3	20.7	65 2503
2438	2306	9.0	47 50.39	4.7479	.1602	70 6 59.4	17.866	.321	2	20.9	69 1947
2439	2307	8.8	47 59.88	4.6199	.1426	68 35 19.1	17.860	.313	3	20.6	68 2026
2440	2308	8.0	48 16.00*	4.5881	.1381	68 8 9.0	17.849	.312	2-3	19.9-19.7	67 2417
2441	2309	8.4	13 48 47.07*	+4.5745	+0.1356	−67 52 3.2	−17.829	+0.312	3	20.7	67 2423
2442	2310	(8.4)	48 57.96	4.4818	.1238	66 31 55.2	17.821	.307	3	20.4	66 2370
2443	2311	8.8	49 0.92	4.4820	.1237	66 31 38.9	17.820	.307	3	21.4	66 2371
2444	2312	7.0	49 5.42	4.5354	.1303	67 16 59.0	17.816	.310	3	21.4	67 2426
2445	2313	8.1	49 18.56	4.6313	.1422	68 30 48.0	17.808	.317	3	20.4	68 2027
2446	2314	9.2	13 49 59.69	+4.7013	+0.1505	−69 14 55.8	−17.780	+0.324	2-3	20.8-20.6	69 1956
2447	2316	9.0	50 13.63	4.6533	.1338	68 38 15.4	17.771	.321	3	20.2	68 2032
2448	2315	8.3	50 15.20	4.8129	.1653	70 26 14.1	17.770	.332	2	20.3	70 1692
2449	2317	8.8	50 28.12	4.7661	.1585	69 54 20.5*	17.761	.330	4-3	21.4-21.1	69 1958
2450	2318	9.0	50 45.42*	4.6095	.1374	67 59 52.4	17.749	.320	2	20.9	67 2432

N°	Index	Mag.	A. R 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2451	—	9.0	13h50m52ˢ.68	+4ˢ.4782	+0ˢ.1211	−66° 8′28″.3	−17″.744	+0″.311	3	20.7	65°2534
2452	2319	8.5	50 56.55	4.6796	.1462	68 50 26.1	17.742	.325	3	20.7	68 2035
2453	2320	8.8	51 29.90	4.6641	.1434	68 33 49.4	17.719	.325	2-3	20.4	68 2036
2454	2323	8.8	51 39.36	4.6110	.1364	67 52 6.8	17.712	.322	2	21.4	67 2437
2455	2325	(8.6)	51 41.63	4.5940	.1342	67 38 21.4	17.711	.321	2	20.2	67 2438
2456	2321	9.2	13 51 44.03	+4.7885	+0.1596	−69 57 17.5	−17.709	+0.334	3	21.4	69 1962
2457	2322	8.8	51 44.40	4.9265	.1788	71 20 22.5	17.709	.344	2	21.4	71 1535
2458	2324	8.5	51 59.12	4.9985	.1888	71 57 25.1	17.699	.340	3	20.6	71 1537
2459	2326	8.9	52 8.28	4.6611	.1421	68 25 17.6*	17.693	.327	2-3	21.4-21.8	68 2042
2460	2327	9.0	52 9.51	4.6032	.1348	67 41 1.5	17.692	.323	2-3	20.4-20.7	67 2444
2461	2328	9.2	13 52 38.50	+4.7042	+0.1470	−68 51 53.3*	−17.672	+0.331	2	20.9	68 2047
2462	2329	9.0	53 4.14*	4.7260	.1492	69 3 11.0	17.654	.334	3-4	21.1-20.9	68 2048
2463	2330	8.8	53 9.37	4.7410	.1510	69 12 41.1	17.651	.335	3	21.4	68 2049
2464	2331	8.7	53 29.45	4.7797	.1556	69 35 35.3	17.637	.338	2-3	21.4	69 1972
2465	2332	7.8	53 32.20	4.6046	.1332	67 28 33.0	17.635	.326	3	20.2	67 2447
2466	2333	8.1	13 53 45.12	+4.5257	+0.1233	−66 20 47.5	−17.626	+0.322	3	20.3	66 2394
2467	2334	(8.8)	54* 3.99	4.5965	.1315	67 16 51.5	17.613	.327	3	20.7	67 2450
2468	2336	8.9	54 17.11	4.5986	.1315	67 16 38.8*	17.604	.328	3	21.4	67 2453
2469	2335	9.2	54 21.08	4.8333	.1615	70 2 17.0	17.601	.345	3	20.6	69 1975
2470	2337	7.5	54 21.19	4.5731	.1283	66 54 59.3	17.601	.326	3	21.4	66 2398
2471	2338	8.0	13 54 29.39	+4.5913	+0.1303	−67 8 28.8	−17.595	+0.328	3	20.4	66 2400
2472	2339	8.8	55 5.16	4.6667	.1388	68 1 26.5	17.570	.334	3	19.7	67 2459
2473	2341	8.4	55 41.62	4.5558	.1245	66 27 5.6	17.544	.329	3	20.7	66 2405
2474	2340	8.5	56 0.38	4.9983	.1814	71 24 10.9*	17.531	.361	4	22.2	71 1543
2475	2342	8.5	56 5.09	4.7337	.1459	68 40 40.7	17.528	.342	3	21.4	68 2062
2476	2344	8.8	13 56 20.79	+4.5897	+0.1278	−66 49 1.2	−17.517	+0.333	3	20.2	66 2406
2477	2343	8.7	56 25.66	4.7865	.1521	69 13 36.5	17.513	.347	3-2	20.6-20.9	68 2064
2478	2345	8.9	56 26.07	4.5792	.1265	66 39 29.8	17.513	.332	3	20.3	66 2407
2479	2346	7.8	56 33.44	4.6187	.1310	67 10 22.2*	17.508	.335	3	20.4	66 2408
2480	2348	8.5	56 37.82	4.5650	.1246	66 25 38.8	17.505	.332	3	20.7	66 2411
2481	2349	(9.0)	13 56 45.11	+4.6048	+0.1291	−66 57 19.6	−17.499	+0.335	2	20.9	66 2413
2482	2347	8.7	56 51.64	4.9437	.1724	70 46 49.6	17.495	.359	3	20.6	70 1700
2483	2350	8.2	57 2.58	4.7616	.1481	68 51 16.3	17.487	.347	3	21.4	68 2066
2484	2351	7.5	57 33.95	4.7077	.1406	68 8 31.8*	17.465	.344	3	19.7	67 2472
2485	2354	8.0	57 52.04	4.5756	.1244	66 22 26.2	17.452	.336	5	21.2	66 2419
2486	2355	9.0	13 58 7.89	+4.7318	+0.1428	−68 20 41.9	−17.440	+0.347	3-2	20.6-20.9	68 2069
2487	2353	9.0	58 8.58	4.9263	.1679	70 26 1.4	17.440	.361	3	20.3	70 1704
2488	2356	8.5	58 12.43	4.7254	.1419	68 15 25.0*	17.437	.347	2	20.2	68 2070
2489	2352	8.0	58 14.77	5.0673	.1872	71 42 32.3	17.435	.372	3	20.6	71 1547
2490	2357	8.0	58 37.74	4.8424	.1555	69 30 42.7	17.419	.357	3	20.7	69 1992
2491	2359	(8.9)	13 58 43.01	+4.6529	+0.1325	−67 16 42.4	−17.415	+0.343	2	20.4	67 2480
2492	2358	8.8	58 51.45	4.8417	.1557	69 28 17.1	17.409	.357	3-2	20.4	69 1993
2493	2360	9.0	59 24.78	4.8641	.1578	69 37 40.1	17.385	.360	3	21.4	69 1997
2494	2361	8.9	14 1 0.71	4.7570	.1420	68 12 38.4	17.315	.357	3	21.1	67 2491
2495	2362	9.0	1 11.05	4.9280	.1634	70 1 49.4	17.307	.370	3	21.1	69 2002
2496	2363	8.6	14 1 34.24	+5.0191	+0.1748	−70 50 40.6*	−17.290	+0.377	2	20.3	70 1711
2497	2364	9.1	1 43.53	4.7530	.1406	68 3 29.1*	17.283	.358	4	21.4	67 2493
2498	2365	8.3	1 45.61	4.7309	.1379	67 47 18.7	17.282	.357	3	20.4	67 2494
2499	2366	9.1	2 10.90	4.9467	.1642	70 4 41.9	17.263	.374	3	21.2	69 2005
2500	2367	9.2	2 20.57	4.7546	.1400	67 59 11.4	17.256	.360	2	20.5	67 2498

Nº	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Nº Obs.	Ep.	C. P. D.
2501	2368	8.5	14h 2m56s.75	+4s.7450	+0s.1381	−67°47′ 2″.1*	−17″.229	+0″.361	2	20.5	67°2503
2502	2369	9.2	3 21.56	5.0939	.1818	71 16 32.7	17.210	.388	2	20.5	71 1557
2503	2370	9.0	3 30.46	4.6691	.1285	66 45 5.7	17.204	.357	2-3	20.9-20.7	66 2458
2504	2372	7.1	4 14.07	4.9619	.1631	69 57 1.9	17.171	.379	3-4	21.6-21.2	69 2012
2505	2371	8.8	4 20.09	5.1790	.1918	71 51 45.1	17.167	.397	3	21.4	71 1558
2506	—	8.9	14 4 33.77	+5.2332	+0.1989	−72 15 42.5	−17.156	+0.402	3	21.4	72 1495
2507	2374	(8.2)	4 40.35	4.6445	.1244	66 14 52.7	17.151	.358	3	21.1	66 2463
2508	2375	8.7	4 47.81	4.7609	.1376	67 42 9.6	17.146	.367	2	20.3	67 2513
2509	2373	(7.1)	4 49.45	4.9114	.1558	69 21 52.5	17.144	.378	3	21.5	69 2014
2510	2376	8.4	5 44.48	4.9692	.1617	69 49 16.6	17.103	.385	3	21.5	69 2016
2511	2377	8.2	14 6 8.48	+5.1022	+0.1783	−70 59 47.2	−17.084	+0.396	3	20.4	70 1721
2512	2378	8.9	6 26.52	5.0471	.1706	70 28 0.7*	17.071	.393	3	20.4	70 1722
2513	2379	8.6	6 27.05	4.8361	.1444	68 20 5.9	17.070	.377	3	20.9	68 2091
2514	2381	9.0	6 46.78	4.8331	.1436	68 15 17.9	17.055	.377	2	20.2	68 2092
2515	2380	8.8	6 50.81	5.2057	.1910	71 46 17.7	17.052	.406	3	21.5	71 1564
2516	—	8.7	14 6 57.47	+4.6592	+0.1235	−66 6 0.5*	−17.047	+0.365	3	20.8	65 2642
2517	2382	8.8	7 18.18	4.6806	.1254	66 19 54.6	17.031	.367	2-3	21.5-21.1	66 2476
2518	2384	9.3	7 35.32*	4.7045	.1278	66 35 59.2	17.018	.370	2	20.5	66 2478
2519	2383	9.0	7 47.51	4.9468	.1560	69 19 36.7	17.009	.389	3	21.4	69 2018
2520	2385	8.0	8 1.11	4.8117	.1395	67 50 21.0	16.998	.379	3	20.4	67 2525
2521	2388	8.4	14 8 31.60	+4.8474	+0.1430	−68 10 24.4	−16.974	+0.383	2	20.3	67 2527
2522	2387	8.9	8 35.94	4.9302	.1528	69 3 3.5	16.971	.390	3	21.4	68 2098
2523	2389	(8.0)	8 38.43	4.8675	.1452	68 22 49.3	16.969	.385	3	21.5	68 2099
2524	2386	8.8	8 42.53	5.1259	.1772	70 52 59.9	16.966	.405	3	21.5	70 1723
2525	2390	8.3	8 58.41	5.0387	.1656	70 4 0.5	16.954	.399	3	20.4	69 2023
2526	2391	8.3	14 9 6.59	+4.7836	+0.1349	−67 21 28.8	−16.947	+0.380	3	20.4	67 2532
2527	2392	8.0	9 12.06	4.7805	.1345	67 18 28.6	16.943	.380	2	19.9	67 2534
2528	—	9.0	9 32.85	5.3107	.2005	72 15 49.9	16.927	.422	2	20.5	72 1508
2529	2393	7.8	9 46.26	4.8643	.1434	68 11 25.9	16.916	.388	3	20.4	67 2536
2530	2394	9.2	9 53.67	5.0091	.1606	69 40 4.5	16.910	.399	2	20.5-21.0	69 2026
2531	2395	9.0	14 10 14.31	+4.7310	+0.1277	−66 33 11.1	−16.894	+0.378	3	21.1	66 2486
2532	2396	6.0	10 41.75	4.7115	.1251	66 14 21.4	16.873	.378	5	20.6	66 2490
2533	2398	8.9	10 47.32	4.7587	.1301	66 49 13.2	16.868	.382	3	21.4	66 2491
2534	2399	8.2	11 0.80	4.8675	.1422	68 3 31.0	16.858	.391	3	21.4	67 2544
2535	2397	8.9	11 8.13	5.1978	.1826	71 11 44.4	16.852	.417	3	21.5	70 1733
2536	2400	8.9	14 11 8.77	+4.7606	+0.1299	−66 47 33.6	−16.851	+0.383	3	21.5	66 2493
2537	—	8.9	11 41.60	4.7145	.1243	66 8 5.6	16.825	.381	4	20.8	65 2668
2538	2401	7.8	11 45.76	4.8443	.1386	67 41 50.7	16.822	.391	4	21.2	67 2547
2539	2402	8.7	12 28.03	5.0207	.1583	69 27 12.1	16.789	.407	4	20.4	69 2032
2540	2403	8.0	12 44.88	5.2459	.1861	71 23 50.2	16.775	.426	2	20.2	71 1572
2541	2404	8.8	14 13 20.13	+4.9171	+0.1449	−68 17 20.4	−16.747	+0.401	2	20.3	68 2105
2542	2405	8.8	13 36.03	4.7610	.1272	66 27 20.7	16.734	.389	2	20.5	66 2505
2543	2406	9.0	13 53.07	4.8362	.1351	67 19 5.1	16.721	.396	2	20.5	67 2555
2544	2408	9.2	14 6.53	4.8947	.1414	67 56 45.0	16.710	.401	2	20.5	67 2557
2545	2407	8.9	14 7.51	4.9175	.1440	68 11 28.3*	16.709	.403	3	20.8	67 2556
2546	2409	8.7	14 14 18.33	+5.0452	+0.1586	−69 27 33.7	−16.700	+0.414	3	21 4	69 2037
2547	2412	8.8	14 32.92	4.7993	.1303	66 47 35.3	16.688	.395	3	21.4	66 2509
2548	2411	8.9	14 33.22	4.8930	.1406	67 52 10.1	16.688	.402	3	21.5	67 2560
2549	2410	7.8	14 40.55	5.3494	.1965	71 58 24.8	16.682	.439	3	20.4	71 1576
2550	2413	8.8	15 13.57	5.3667	.1977	72 2 27.3	16.655	.442	2	19.9	71 1578

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2551	2414	(8.7)	14h15m41s.70	+4s.7778	+0s.1267	—66°22′40″.5	—16″.634	+0.396	3-4	22.2-21.7	66°2511
2552	2415	8.0	15 59.51	4.9934	.1502	68 44 27.6*	16.618	.414	3	20.7	68 2108
2553	2416	8.7	16 11.51	4.9415	.1440	68 10 46.4	16.608	.410	2-3	21.5	67 2563
2554	2417	8.5	16 34.73	4.8224	.1305	66 47 43.4*	16.589	.402	2	19.9	66 2514
2555	2418	9.1	16 42.20	4.7777	.1256	66 14 13.1	16.583	.398	3	21.1	66 2516
2556	2421	8.8	14 17 17.14	+4.7884	+0.1260	—66 17 21.6	—16.554	+0.401	3	20.4	66 2518
2557	2419	9.1	17 23.66	5.1032	.1612	69 37 38.8	16.549	.427	3	20.4	69 2042
2558	2420	8.9	17 27.44	5.0348	.1531	68 58 15.2	16.546	.421	3	20.8	68 2110
2559	2422	7.4	17 29.01	4.7916	.1262	66 18 10.9	16.545	.401	2	20.5	66 2519
2560	2423	9.0	17 53.85*	5.0496	.1542	69 3 38.2	16.524	.424	3	20.7	68 2112
2561	—	8.2	14 18 25.21*	+5.4479	+0.2028	—72 16 48.6*	—16.499	+0.458	2	20.5	72 1526
2562	2425	(6.9)	18 51.58	4.9427	.1409	67 51 19.1	16.477	.418	F	(20.6)	67 2574
2563	2427	8.6	19 1.74	4.9608	.1426	68 1 30.8	16.468	.419	2	20.5	67 2575
2564	2424	9.0	19 4.57	5.3981	.1950	71 51 17.2	16.466	.456	3	21.4	71 1587
2565	2426	8.5	19 7.57	5.2356	.1746	70 35 4.9	16.463	.442	3	21.4	70 1750
2566	2428	8.9	14 19 14.15	+4.9604	+0.1424	—67 59 44.1	—16.458	+0.420	2	20.2	67 2576
2567	2429	8.8	19 56.92	5.4272	.1973	71 58 22.1	16.422	.461	3	21.5	71 1588
2568	2431	8.9	19 57.86	4.8915	.1340	67 9 5.2	16.421	.416	3	21.5	66 2530
2569	2430	8.3	19 59.78	5.0202	.1481	68 30 57.6	16.420	.427	2	20.3	68 2116
2570	2432	8.5	20 37.78	4.8922	.1333	67 4 29.0	16.388	.418	3	20.4	66 2533
2571	—	9.4	14 20 40.39	+4.8148	+0.1251	—66 9 45.2	—16.386	+0.411	2	20.5	65 2729
2572	2433	9.0	20 41.60	4.9690	.1415	67 54 16.1	16.385	.424	2	20.5	67 2579
2573	2435	7.2	21 5.67	4.8250	.1257	66 13 48.9	16.364	.413	3-4	20.8-20.2	66 2538
2574	2434	8.8	21 13.63	5.0865	.1539	69 0 58.7	16.358	.436	2	20.3	68 2120
2575	2437	9.0	21 16.72	4.9926	.1434	68 4 42.4	16.355	.428	2	20.2	67 2584
2576	2436	9.5	14 21 28.42	+5.2944	+0.1781	—70 48 1.9	—16.344	+0.454	2-4	22.0-21.5	70 1755
2577	2438	8.7	21 35.23	5.0474	.1491	68 35 40.6	16.340	.433	3	21.4	68 2121
2578	2439	8.9	21 47.48	5.2293	.1698	70 13 56.5*	16.329	.449	2	19.9	70 1758
2579	2440	8.0	22 2.07	5.3598	.1853	71 15 15.3	16.317	.461	3	21.5	71 1591
2580	2441	9.1	22 10.25	5.2356	.1699	70 14 35.7	16.310	.451	3	21.5	70 1759
2581	2442	8.8	14 22 32.51	+4.8851	+0.1304	—66 45 5.9	—16.291	+0.422	3	20.4	66 2545
2582	2444	8.7	22 38.03	4.8545	.1271	66 23 0.2	16.286	.419	3	20.4	66 2546
2583	2443	9.2	22 56.11	5.2713	.1731	70 27 23.0	16.271	.456	2	20.5	70 1761
2584	2445	8.7	22 58.37	5.2062	.1653	69 54 9.8	16.269	.450	2	20.5	69 2054
2585	2446	9.2	23 4.88	5.1943	.1638	69 47 11.9	16.264	.450	3	21.5	69 2055
2586	--	8.9	14 23 32.11	+4.8384	+0.1245	—66 4 34.8	—16.240	+0.421	2	20.5	65 2742
2587	2447	8.8	23 35.86	5.1620	.1593	69 26 27.7	16.237	.448	2	19.9	69 2056
2588	2448	9.0	23 41.91	5.0348	.1449	68 13 1.9*	16.232	.438	2	20.9	67 2590
2589	2449	7.0	24 59.23	4.9693	.1364	67 22 56.6	16.166	.435	4	20.7	67 2595
2590	2450	8.7	25 16.09	5.0376	.1433	68 3 35.8	16.151	.442	3	21.4	67 2597
2591	2451	8.4	14 25 32.53	+5.0824	+0.1479	—68 28 22.3	—16.137	+0.446	3	21.4	68 2126
2592	2452	8.5	26 20.30	5.2956	.1709	70 17 12.8	16.095	.467	3	21.5	70 1773
2593	2453	8.3	26 38.33	5.1794	.1572	69 15 22.7	16.080	.458	3	20.4	69 2064
2594	2454	8.8	26 39.98	5.0487	.1428	68 0 26.4	16.078	.446	3	21.5	67 2601
2595	2455	8.8	26 57.23	5.4122	.1838	71 8 8.2	16.063	.479	3	20.4	70 1774
2596	2457	7.6	14 27 0.14	+4.9433	+0.1314	—66 51 20.6	—16.061	+0.438	2	20.2	66 2558
2597	2456	8.3	27 1.65	5.1367	.1519	68 49 14.2	16.059	.455	2	20.3	68 2128
2598	2458	8.9	27 7.02	5.0341	.1407	67 48 27.1	16.055	.446	3	20.4	67 2602
2599	2459	9.2	27 29.82	4.9422	.1307	66 46 58.5	16.035	.439	2	20.5	66 2561
2600	2460	7.6	27 31.65	4.9888	.1355	67 17 12.4	16.033	.443	4	20.2	67 2603

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D
2601	2461	9.0	14h27m33s.65	+4s.9402	+0s.1305	−66°45′11″.2	−16″.032	+0″.439	3	20.8	66°2562
2602	2462	8.9	27 51.35	5.1562	.1530	68 54 32.2	16.016	.459	2	20.5	68 2130
2603	2463	7.5	28 26.62	5.1869	.1556	69 7 24.7	15.985	.463	3	21.4	68 2132
2604	2464	8.5	28 32.46	4.9965	.1351	67 14 47.9	15.979	.446	3	20.4	67 2604
2605	2465	8.7	28 54.65	5.1100	.1466	68 21 17.0	15.960	.458	3-4	20.8-20.7	68 2133
2606	2466	8.0	14 29 7.12	+5.1183	+0.1472	−68 24 37.4	−15.949	+0.459	2	20.3	68 2135
2607	2468	8.1	29 7.36	4.9890	.1337	67 5 59.3	15.949	.447	3	21.4	66 2565
2608	2467	7.5	29 15.99	5.2560	.1621	69 38 30.2	15.942	.471	3	21.5	69 2068
2609	2469	8.3	29 22.64	5.1511	.1504	68 41 31.6	15.936	.462	3	20.4	68 2136
2610	2471	9.0	29 26.93	4.9269	.1271	66 22 36.0	15.932	.443	2	20.2	66 2567
2611	2470	8.5	14 29 31.06	+5.2976	+0.1665	−69 57 57.4	−15.928	+0.476	3	21.5	69 2069
2612	2472	8.5	29 53.15	4.9596	.1299	66 41 24.2	15.909	.447	3	20.4	66 2571
2613	2473	8.9	30 25.28	4.9352	.1269	66 21 13.2	15.880	.446	3	20.4	66 2573
2614	—	9.0	31 1.15	4.9211	.1248	66 7 17.7	15.848	.446	2	20.5	65 2785
2615	2474	9.3	31 9.48	5.3253	.1673	70 1 20.7	15.841	.482	2	20.5	69 2070
2616	2475	9.4	14 31 17.70*	+5.3361	+0.1683	−70 5 44.7	−15.833	+0.487	2	20.5	69 2072
2617	2477	6.8	31 27.39	5.0628	.1386	67 35 59.1	15.825	.460	2	19.9	67 2616
2618	2476	8.0	31 33.55	5.1697	.1496	68 37 29.9	15.819	.470	2	20.3	68 2143
2619	2478	8.3	31 41.62	5.0078	.1327	67 0 6.7	15.812	.455	2	19.9	66 2588
2620	—	8.8	32 13.66	4.9335	.1248	66 7 10.9	15.783	.450	2	20.5	65 2791
2621	2479	8.4	14 32 41.32	+5.3376	+0.1665	−69 57 55.1	−15.758	+0.488	3	21.4	69 2074
2622	2480	9.0	32 44.95	5.2351	.1552	69 5 22.9	15.755	.479	3	21.4	68 2146
2623	2481	7.2	33 4.41	5.1089	.1414	67 52 44.9	15.737	.468	2	20.2	67 2622
2624	2482	8.9	34 6.40	5.1815	.1477	68 27 32.8	15.681	.477	4	21.2	68 2149
2625	2483	9.1	34 6.56	5.2012	.1498	68 38 24.9	15.681	.479	3	21.5	68 2150
2626	2485	8.7	14 34 7.04	+4.9866	+0.1280	−66 29 37.9	−15.681	+0.459	3	21.5	66 2597
2627	2486	8.9	34 17.71	4.9693	.1261	66 16 53.4	15.671	.458	3	21.5	66 2598
2628	2484	9.0	34 29.80	5.4582	.1775	70 43 32.4	15.660	.503	3	20.4	70 1784
2629	2488	8.2	34 30.62	5.0026	.1291	66 37 22.4	15.659	.462	2	19.9	66 2600
2630	2487	9.3	34 46.15	5.3751	.1677	70 3 23.6	15.645	.496	2	20.4	69 2080
2631	2489	9.0	14 34 48.35	+5.0584	+0.1343	−67 10 41.8	−15.643	+0.468	2	20.5	66 2605
2632	2490	9.0	34 59.04	5.0199	.1303	66 45 18.2	15.633	.465	2	20.5	66 2606
2633	2491	8.8	35 17.77	5.2291	.1512	68 46 1.8	15.616	.484	2	20.5	68 2152
2634	2492	8.4	35 22.42	5.1420	.1421	67 56 59.9	15.612	.477	2	20.5	67 2632
2635	2493	9.2	35 27.74	5.1434	.1421	67 57 13.1	15.607	.477	3	21.4	67 2634
2636	2494	8.4	14 36 12.73	+5.2224	+0.1493	−68 36 40.4	−15.566	+0.486	3	21.5	68 2153
2637	2496	9.0	36 45.27	5.1947	.1458	68 18 1.2	15.536	.485	3	21.4	68 2156
2638	2495	8.7	36 49.33	5.5485	.1843	71 9 38.6	15.532	.518	3	21.5	70 1786
2639	2498	9.0	36 53.99	5.2321	.1495	68 37 38.5	15.528	.489	2	20.6	68 2157
2640	2499	8.6	37 3.37	5.0141	.1275	66 27 31.8	15.519	.469	3	21.5	66 2616
2641	2497	8.4	14 37 11.53	+5.6604	+0.1968	−71 53 18.0	−15.512	+0.529	2	20.3	71 1611
2642	2500	7.5	37 31.52	5.3229	.1582	69 21 11.4	15.493	.499	2	20.4	69 2083
2643	2502	(8.6)	37 41.95	5.3996	.1663	69 57 41.7	15.484	.506	2	20.5	69 2084
2644	2501	9.1	37 46.71	5.6172	.1907	71 32 51.0	15.479	.527	2-3	20.5-20.8	71 1612
2645	2503	8.9	37 46.78	5.4748	.1744	70 32 0.5	15.479	.514	2	20.5	70 1787
2646	2505	9.5	14 37 49.04	+5.1052	+0.1356	−67 19 25.5*	−15.477	+0.480	2	20.9	67 2636
2647	—	8.1	37 55.21	4.9939	.1247	66 8 30.8	15.472	.470	3	21.4	65 2845
2648	2504	8.5	37 57.28	5.0831	.1332	67 5 6.1	15.469	.478	2	20.5	66 2618
2649	2506	8.6	38 6.00	5.3773	.1633	69 44 36.5	15.461	.505	2	20.2	69 2086
2650	2507	8.7	38 23.09	5.6587	.1946	71 46 11.2	15.445	.532	2	19.9	71 1613

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2651	2509	7.7	14h38m59ˢ.27	+5ˢ.3342	+0ˢ.1575	−69°18′ 6″.7	−15″.412	+0″.503	3	21.5	69°2089
2652	2508	8.4	39 3.68	5.5616	.1823	71 2 43.5	15.408	.525	3	21.5	70 1789
2653	2510	8.7	39 28.58	5.2413	.1472	68 26 41.1*	15.385	.496	3	20.4	68 2160
2654	2511	9.2	39 46.78	5.4189	.1667	69 54 42.9	15.368	.514	2	20.4	69 2091
2655	2512	8.8	39 52.62	5.1405	.1367	67 27 14.8	15.362	.488	2	20.5	67 2642
2656	2513	8.6	14 40 2.22	+5.1786	+0.1402	−67 48 19.9	−15.353	+0.492	2	20.5	67 2643
2657	—	9.1	40 2.23	5.0215	.1251	66 12 30.3	15.353	.477	2	20.5	65 2859
2658	2516	8.7	40 29.56	5.3391	.1560	69 11 37.2	15.327	.508	2	19.9	68 2167
2659	2515	9.0	40 30.93	5.4962	.1728	70 26 7.1	15.326	.523	3	21.1	70 1796
2660	2514	8.4	40 37.12	5.6873	.1943	71 45 28.7	15.320	.541	2	20.2	71 1616
2661	2517	8.8	14 40 49.49	+5.3483	+0.1566	−69 14 16.4	−15.309	+0.510	3	20.4	69 2096
2662	2518	9.1	41 9.28	5.6763	.1921	71 38 19.4	15.290	.542	3	21.4	71 1620
2663	2520	8.8	41 10.00	5.1779	.1389	67 40 52.3	15.289	.495	2-3	21.4-21.5	67 2651
2664	2519	9.1	41 11.62	5.6058	.1840	71 9 33.4	15.288	.535	2-3	21.5-21.4	70 1801
2665	2525	8.7	41 19.93	5.0692	.1282	66 34 34.7	15.280	.485	2	20.4	66 2635
2666	2522	7.5	14 41 20.44	+5.2358	+0.1444	−68 12 17.3	−15.279	+0.501	3	21.5	67 2652
2667	2521	8.8	41 21.08	5.2564	.1465	68 23 24.9	15.279	.502	2	20.4	68 2176
2668	2526	8.8	41 28.06	5.1647	.1372	67 31 23.4	15.272	.494	2	19.9	67 2654
2669	2524	8.5	41 28.95	5.2387	.1445	68 12 59.6	15.272	.501	4	21.8	68 2178
2670	2527	8.2	41 45.72	5.4917	.1705	70 17 5.8	15.256	.526	2	20.5	70 1807
2671	2523	9.0	14 41 47.32	+5.6167	+0.1843	−71 10 54.0	−15.254	+0.538	2	20.5	70 1806
2672	—	8.0	41 52.08	5.0323	.1242	66 7 30.4	15.250	.483	2	20.5	65 2874
2673	2528	9.4	41 53.40	5.2975	.1500	68 41 58.9	15.248	.508	2	20.2	68 2180
2674	2529	8.9	42 7.72*	5.5742	.1790	70 51 14.6	15.235	.535	2	20.3	70 1810
2675	—	7.8	42 9.17	5.0432	.1249	66 12 45.0	15.233	.485	2	21.4	65 2879
2676	2530	9.1	14 42 10.48	+5.5995	+0.1818	−71 1 39.7	−15.232	+0.537	3	21.4	70 1811
2677	2531	8.1	42 13.82	5.0484	.1254	66 15 37.0*	15.229	.485	2	19.9	66 2644
2678	2532	6.5	42 22.15	5.0517	.1255	66 16 47.8	15.221	.486	3	21.5	66 2645
2679	2533	8.8	42 26.46	5.0514	.1254	66 16 10.1	15.217	.486	3	21.5	66 2647
2680	2534	9.1	42 54.52	5.5494	.1751	70 36 19.4	15.190	.534	3	20.4	70 1816
2681	2537	7.3	14 42 55.28	+5.3004	+0.1490	−68 37 24.5	−15.190	+0.511	2	20.4	68 2185
2682	2535	9.2	42 56.89	5.5349	.1735	70 29 46.2	15.188	.533	2	20.5	70 1817
2683	2538	7.9	42 57.54	5.1191	.1312	66 51 58.9	15.187	.493	4	21.4	66 2648
2684	2536	(9.0)	43 9.79	5.7686	.1994	72 3 21.0	15.176	.556	3	21.5	71 1635
2685	2539	8.6	43 34.14	5.5058	.1695	70 13 23.7	15.153	.532	2	20.5	70 1823
2686	2540	8.0	14 43 36.07	+5.5066	+0.1695	−70 13 36.0	−15.151	+0.532	2	20.3	70 1824
2687	2541	9.1	43 54.44	5.2598	.1437	68 9 53.1	15.133	.509	2	20.5	67 2664
2688	2543	7.8	43 59.69	5.1569	.1337	67 11 10.9	15.128	.500	3	21.4	66 2652
2689	2542	9.1	44 12.75	5.6191	.1808	70 58 55.7	15.116	.544	3	21.4	70 1827
2690	—	8.7	44 17.00	5.0610	.1244	66 10 29.7	15.112	.491	3	21.5	65 2896
2691	2545	9.0	14 44 19.76	+5.2361	+0.1409	−67 54 22.5	−15.109	+0.508	2	19.9	67 2666
2692	2546	8.5	44 23.39	5.2652	.1437	68 9 54.9	15.106	.511	3	21.1	67 2667
2693	2544	9.2	44 25.10	5.3628	.1534	69 0 39.4	15.104	.520	2	20.2	68 2191
2694	2548	8.7	44 29.38	5.0665	.1247	66 12 42.9	15.100	.492	3	21.5	66 2653
2695	2547	8.8	44 53.79	5.6008	.1778	70 47 37.8	15.076	.545	3	20.4	70 1836
2696	2549	9.0	14 45 11.58	+5.2229	+0.1386	−67 41 49.3	−15.059	+0.509	2	20.4	67 2671
2697	—	9.2	45 26.51	5.0725	.1243	66 10 28.3	15.045	.495	2	20.5	65 2902
2698	2550	8.5	45 35.29	5.1310	.1295	66 45 50.0	15.036	.501	2	20.5	66 2656
2699	2551	9.1	46 4.58	5.3052	.1456	68 21 26.9	15.008	.519	2	20.5	68 2201
2700	2553	8.8	46 22.10	5.4117	.1558	69 13 46.5	14.991	.530	3	21.4	69 2131

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2701	2552	9.0	14h46m22s.55	+5s.4430	+0s.1590	−69°28'50".1	−14".991	+0".533	2	20.5	69°2130
2702	—	8.8	46 29.79	5.8608	.2045	72 20 24.2	14.984	.574	3	21.4	72 1606
2703	2555	8.9	46 40.68	5.0972	.1252	66 18 20.2	14.973	.500	4	21.2	66 2659
2704	2554	7.8	46 44.91	5.2817	.1425	68 4 59.2	14.969	.518	5	21.2	67 2676
2705	2556	8.6	46 48.99	5.0938	.1248	66 15 18.5	14.965	.500	3	21.8	66 2660
2706	2557	7.9	14 47 15.92	+5.4019	+0.1537	−69 3 56.6	−14.939	+0.531	3	21.1	68 2208
2707	—	8.7	47 30.51	5.8534	.2019	72 12 46.7	14.925	.576	2	20.4	72 1613
2708	—	(7.9)	47 49.10	5.0898	.1234	66 6 34.8	14.907	.503	1	23.6	65 2914
2709	2559	9.2	47 49.98	5.2928	.1423	68 4 38.5	14.906	.522	2	20.5	67 2681
2710	2560	8.8	47 54.67	5.2136	.1347	67 20 21.2	14.901	.515	2	20.5	67 2683
2711	2558	6.9	14 47 59.16	+5.4712	+0.1598	−69 33 15.9	−14.897	+0.540	4	20.4	69 2146
2712	2564	9.1	48 6.79	5.2410	.1370	67 34 40.1	14.890	.518	3	21.4	67 2685
2713	2562	9.0	48 9.10	5.4346	.1558	69 14 58.0	14.887	.537	3	21.4	69 2148
2714	2561	9.3	48 15.15	5.6267	.1756	70 40 54.5	14.881	.556	3	21.5	70 1853
2715	2563	9.3	48 27.58	5.7541	.1891	71 31 8.4	14.869	.569	2	20.5	71 1672
2716	2565	8.8	14 48 40.03	+5.5146	+0.1633	−69 49 41.7	−14.857	+0.546	3	21.4	69 2153
2717	2566	8.7	48 43.32	5.5428	.1661	70 2 5.7	14.854	.549	2	21.0	69 2154
2718	2567	8.7	48 44.49	5.5674	.1686	70 12 51.4	14.853	.551	2	21.0	70 1856
2719	2571	8.2	48 54.69	5.1241	.1254	66 21 18.7	14.843	.508	2	20.5	66 2670
2720	2569	(8.8)	48 57.67	5.4991	.1613	69 40 59.5	14.840	.545	2	20.9	69 2155
2721	2570	9.0	14 48 59.47	+5.3978	+0.1511	−68 52 17.5	−14.838	+0.535	2	20.5	68 2219
2722	2568	8.8	49 5.54	5.6911	.1812	71 3 6.8	14.832	.564	2	20.5	70 1859
2723	2572	9.2	49 34.81	5.7974	.1921	71 42 5.6	14.803	.576	2	20.5	71 1679
2724	2573	9.1	49 47.58	5.5758	.1680	70 11 1.7	14.791	.555	2	20.2	69 2159
2725	2574	8.0	50 7.12	5.7019	.1809	71 2 16.3	14.771	.568	2	19.9	70 1863
2726	2575	8.8	14 50 10.17	+5.6031	+0.1703	−70 20 58.2	−14.769	+0.558	3	21.1	70 1865
2727	2578	8.8	50 13.65	5.3714	.1470	68 32 10.6	14.765	.536	2	21.5	68 2226
2728	2580	9.1	50 15.88	5.2047	.1313	67 1 24.3	14.763	.519	3	21.4	66 2676
2729	2576	8.6	50 16.77	5.6952	.1799	70 58 46.5	14.762	.568	3	21.5	70 1866
2730	2577	9.0	50 23.25	5.7721	.1881	71 28 32.1	14.756	.576	3	21.5	71 1682
2731	2579	8.3	14 50 36.79*	+5.7159	+0.1816	−71 5 25.1	−14.742	+0.571	2	20.4	70 1868
2732	2582	8.3	50 41.54	5.1629	.1270	66 34 9.3	14.737	.516	3	20.8	66 2678
2733	2583	8.4	51 7.32	5.6542	.1743	70 37 41.7	14.712	.566	3	20.8	70 1874
2734	2581	9.1	51 9.71	5.8069	.1906	71 37 57.8	14.710	.581	2	20.5	71 1686
2735	2584	9.4	51 11.35	5.3996	.1486	68 41 5.5	14.708	.541	2	20.5	68 2231
2736	2586	8.8	14 51 26.05	+5.3555	+0.1404	−68 17 16.8	−14.693	+0.537	2	20.5	68 2232
2737	2585	8.7	51 28.46	5.5474	.1628	69 49 38.7	14.691	.556	2	19.9	69 2175
2738	2588	9.0	51 49.60	5.3425	.1423	68 8 19.0	14.670	.537	3	21.4	67 2707
2739	—	8.8	51 57.07	5.9162	.2014	72 13 54.7	14.663	.594	2	21.5	72 1633
2740	2587	8.7	52 9.24	5.8422	.1929	71 46 18.9	14.651	.587	2	20.2	71 1691
2741	2591	9.3	14 52 23.90	+5.2506	+0.1331	−67 15 14.7	−14.636	+0.529	2	20.4	67 2712
2742	2590	8.4	52 25.48	5.5031	.1571	69 24 22.4	14.634	.554	3	21.5	69 2182
2743	2589	8.8	52 33.63	5.7471	.1820	71 8 7.6	14.626	.579	2	20.4	70 1886
2744	2592	8.3	52 49.48	5.4135	.1479	68 39 6.7	14.611	.546	3-4	21.5-21.3	68 2243
2745	2593	8.4	53 0.83	5.4466	.1508	68 54 21.3	14.599	.550	3	21.1	68 2247
2746	2594	9.0	14 53 18.78	+5.5189	+0.1575	−69 27 4.1	−14.581	+0.558	2	20.5	69 2189
2747	2595	9.0	53 56.26	5.6874	.1737	70 37 22.3	14.544	.577	2	21 0	70 1890
2748	2596	7.0	54 4.36	5.7746	.1826	71 11 31.9	14.535	.586	3	21.2	70 1891
2749	2597	8.9	54 7.51	5.7956	.1847	71 19 23.5	14.532	.588	5	21.2	71 1702
2750	2598	(9.0)	54 18.19	5.6896	.1735	70 36 28.3	14.522	.578	2-3	22.5-22.2	70 1893

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2751	2600	8.3	14h54m19ˢ.15	+5ˢ.4626	+0ˢ.1507	−68°55′12″.0	−14″.521	+0″.555	3	21.5	68°2257
2752	2599	9.4	54 19.84	5.4923	.1536	69 9 18.2	14.520	.558	3	21.4	68 2256
2753	2602	7.4	54 32.47	5.3195	.1370	67 41 6.8	14.507	.541	3	22.2	67 2719
2754	2601	8.9	54 45.55	5.8776	.1925	71 47 1.3	14.494	.598	2	20.5	71 1707
2755	2603	9.3	54 48.69	5.4902	.1528	69 5 47.9	14.491	.559	4	20.2	68 2258
2756	2605	8.8	14 54 58.74	+5.2296	+0.1285	−66 48 32.7	−14.481	+0.533	3	21.1	66 2691
2757	2604	8.8	55 14.92	5.8497	.1888	71 34 28.1	14.465	.596	2	20.5	71 1711
2758	2606	8.5	55 30.99	5.8341	.1867	71 27 23.0	14.448	.596	2	20.5	71 1714
2759	2607	7.8	56 0.85	5.6930	.1842	70 29 28.1	14.418	.583	3	21.4	70 1904
2760	2608	8.8	56 3.47	5.2619	.1302	67 0 53.7	14.415	.539	2	20.2	66 2699
2761	2609	8.5	14 56 44.42	+5.5964	+0.1606	−69 44 32.2	−14.374	+0.575	2-3	21.4	69 2211
2762	2112	9.1	57 13.63	5.2215	.1254	66 31 11.3	14.344	.538	2	19.9	66 2702
2763	2613	9.1	57 19.26	5.3118	.1333	67 21 38.9	14.339	.547	3	21.5	67 2733
2764	2611	8.5	57 31.33	5.7176	.1716	70 32 14.7	14.326	.589	2	21.5	70 1913
2765	2610	7.7	57 40.48	5.9335	.1938	71 53 44.4	14.317	.612	2	20.4	71 1718
2766	2614	9.3	14 57 42.04	+5.6485	+0.1644	−70 2 27.9	−14.315	+0.582	2	20.4	69 2217
2767	2615	8.8	58 2.27	5.3720	.1378	67 49 56.9	14.295	.555	2	19.9	67 2739
2768	2617	8.9	58 23.69	5.3240	.1332	67 22 26.5	14.273	.551	3	21.2	67 2743
2769	2618	9.1	58 29.80	5.3416	.1346	67 31 24.3	14.266	.553	3	20.8	67 2744
2770	2620	8.7	58 45.86	5.4554	.1446	68 28 22.3	14.250	.565	2	20.5	68 2285
2771	2616	7.0	14 58 51.46	+5.9456	+0.1932	−71 52 39.9	−14.244	+0.616	3-4	20.4	71 1722
2772	2619	8.0	58 52.64	5.7789	.1758	70 50 22.5	14.243	.599	3	21.4	70 1920
2773	2621	(8.4)	58 57.15	5.2405	.1253	66 32 34.6	14.238	.544	3	21.4	66 2709
2774	2622	6.5	59 39.27	5.9113	.1883	71 36 50.2	14.195	.614	3	21.5	71 1729
2775	2623	8.7	15 0 18.96	5.7044	.1663	70 13 24.3	14.154	.595	2	20.2	70 1931
2776	2625	9.0	15 0 19.81	+5.4053	+0.1382	−67 55 5.5	−14.153	+0.564	2	19.9	67 2754
2777	2624	8.7	0 21.91*	5.6509	.1610	69 50 29.6	14.151	.590	3	21.1	69 2233
2778	2626	6.8	1 24.93	6.0021	.1950	72 1 7.7	14.086	.628	2	20.4	71 1738
2779	2627	7.7	1 33.19	5.7475	.1688	70 25 16.7	14.077	.603	2	20.5	70 1940
2780	2628	9.0	1 37.44	5.2721	.1252	66 36 11.4	14.073	.553	2	20.5	66 2720
2781	—	7.8	15 1 54.44	+5.2316	+0.1216	−66 11 13.1	−14.055	+0.550	2	20.5	65 2982
2782	2629	8.6	1 55.93	5.3363	.1304	67 10 14.3	14.054	.561	2	20.5	66 2721
2783	2632	8.2	2 12.72	5.2473	.1226	66 18 44.2	14.036	.552	3	21.5	66 2723
2784	2630	8.6	2 29.31	5.8403	.1767	70 57 34.8	14.019	.615	3	21.5	70 1944
2785	2631	9.1	2 34.33	5.6818	.1610	69 53 11.6	14.014	.598	2	21.5	69 2246
2786	—	8.7	15 2 40.43	+5.2381	+0.1213	−66 10 52.1	−14.007	+0.552	3	21.5	65 2986
2787	2633	7.1	2 40.98	5.4913	.1432	68 26 1.2	14.007	.579	3	19.9	68 2307
2788	2635	6.8	2 48.45	5.3040	.1267	66 47 48.6	13.999	.559	2	19.9	66 2725
2789	2634	7.8	3 3.31	5.9139	.1833	71 22 38.2	13.984	.624	2	20.4	71 1750
2790	2636	8.8	3 22.81	5.8600	.1773	71 1 2.4	13.963	.619	2	20.5	70 1953
2791	2637	8.7	15 3 32.68	+5.4353	+0.1372	−67 53 51.8	−13.953	+0.575	4	21.2	67 2771
2792	2638	8.6	3 50.65	5.3682	.1311	67 17 26.0	13.934	.568	2	20.9	67 2773
2793	2639	8.7	4 6.57	5.2940	.1245	66 35 21.6	13.917	.561	2	20.5	66 2731
2794	2640	9.0	4 50.19	5.7720	.1666	70 20 2.3	13.871	.613	2	20.5	70 1966
2795	2641	7.6	4 50.57	5.3932	.1321	67 25 31.4	13.871	.573	5	20.2	67 2780
2796	2643	8.9	15 5 21.32	+5.6833	+0.1575	−69 40 44.0	−13.839	+0.605	6	20.8	69 2259
2797	2642	9.0	5 21.89	5.8632	.1747	70 53 25.0	13.838	.624	2-3	23.6-23.2	70 1968
2798	2644	8.9	6 6.19	5.8839	.1757	70 58 3 2	13.791	.628	3	21.5	70 1972
2799	2645	8.6	6 6.41	5.7947	.1670	70 23 24.4	13.791	.619	2	21.5	70 1973
2800	2646	8.9	6 16.39*	5.6230	.1508	69 10 1.2	13.781	.601	3	21.1	68 2332

Nº	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Nº Obs.	Ep.	C. P. D.
2801	2648	8.8	15h 6m28s.24	+5s.3715	+0s.1285	−67° 5′47″.0	−13″.768	+0″.575	3	21.5	66°2737
2802	2647	9.1	6 29.03	5.4127	.1320	67 27 27.9	13.767	.579	3-4	22.6-22.0	67 2787
2803	2649	8.0	6 53.75	5.7868	.1652	70 16 40.6	13.741	.620	2	20.4	70 1977
2804	2650	7.1	7 5.60	5.7189	.1585	69 47 53.1	13.728	.613	2	20.4	69 2267
2805	2652	9.0	7 36.24	5.4858	.1369	67 58 59.7	13.696	.590	2	20.2	67 2798
2806	2651	8.3	15 7 55.29	+6.1013	+0.1945	−72 7 7.3	−13.675	+0.656	4	21.2	71 1773
2807	2655	8.2	7 57.33	5.4682	.1350	67 48 31.3	13.673	.589	2	20.5	67 2799
2808	2653	7.1	7 58.66	5.7925	.1641	70 14 9.7	13.672	.623	5	20.1	70 1985
2809	2654	8.9	7 59.45	5.5517	.1422	68 29 0.2	13.671	.598	2	19.9	68 2347
2810	2656	8.1	8 17.33	5.3352	.1235	66 36 44.4	13.652	.575	2	20.5	66 2741
2811	2658	8.9	15 8 28.76	+5.5386	+0.1404	−68 20 25.7	−13.640	+0.597	2	20.9	68 2353
2812	2657	7.3	8 40.21	5.7849	.1625	70 8 0.9	13.628	.624	5	20.8	69 2281
2813	2659	9.0	8 55.43	5.7993	.1635	70 12 39.3	13.611	.627	3	21.5	70 1988
2814	2660	8.5	9 0.58	5.6935	.1537	69 28 16.3	13.606	.615	2	21.5	69 2283
2815	2663	8.5	9 26.10	5.4119	.1287	67 12 20.7	13.578	.586	2	20.4	67 2807
2816	2662	8.5	15 9 31.61	+5.7169	+0.1551	−69 35 58.7	−13.572	+0.619	2	20.4	69 2287
2817	2661	9.0	9 32.35	6.0744	.1893	71 51 32.5	13.572	.657	3	21.5	71 1785
2818	2665	8.7	9 38.51	5.4597	.1325	67 36 0.2	13.565	.592	2	20.5	67 2809
2819	2664	9.0	9 39.90	5.5111	.1368	68 1 31.3	13.564	.597	2	20.5	67 2808
2820	2666	9.0	9 46.28	5.4355	.1303	67 22 57.6	13.557	.589	2	20.5	67 2811
2821	—	9.0	15 10 23.09	+6.1602	+0.1966	−72 16 32.3*	−13.517	+0.669	2	20.5	72 1736
2822	2667	8.7	10 49.22	5.7909	.1602	70 0 56.3*	13.489	.630	3	21.5	69 2297
2823	2668	8.0	10 59.27	5.5590	.1394	68 18 19.0	13.478	.605	2	19.9	68 2369
2824	2669	8.9	11 14.96	5.6775	.1494	69 11 9.3	13.461	.619	3	21.5	68 2371
2825	2670	9.0	11 22.90	5.4833	.1326	67 39 29.0*	13.453	.598	2	21.5	67 2822
2826	—	8.7	15 11 33.77	+5.3190	+0.1191	−66 11 6.5	−13.441	+0.581	3	20.7	65 3020
2827	2672	9.0	11 45.76	5.4888	.1326	67 40 25.0	13.428	.600	2	21.5	67 2824
2828	2671	7.4	11 50.80	6.0420	.1825	71 31 3.0	13.422	.560	2	20.4	71 1792
2829	2673	(4.3)	11 52.88	5.5804	.1402	68 24 14.6	13.420	.610	F	(20.9-20.8)	68 2383
2830	2674	8.8	12 8.13	5.3844	.1237	66 44 24.4	13.404	.589	2	20.5	66 2748
2831	2675	8.9	15 12 31.37	+5.3975	+0.1243	−66 49 35.0	−13.378	+0.592	2	19.9	66 2750
2832	2678	9.0	12 53.94	5.4779	.1305	67 29 35.1	13.354	.601	3	21.2	67 2831
2833	2677	9.2	12 55.18	5.7113	.1503	69 18 24.8	13.353	.627	2	21.0	69 2308
2834	2679	8.7	12 56.42	5.4116	.1250	66 55 1.5	13.351	.594	2	20.2	66 2752
2835	2680	7.2	13 2.07	5.3359	.1189	66 13 21.2	13.345	.586	3	21.5	66 2753
2836	2676	(9.0)	15 13 7.05	+5.9421	+0.1721	−70 54 3.1	−13.340	+0.653	2	20.5	70 2013
2837	2681	8.8	13 14.49	5.5843	.1389	68 19 49.2	13.332	.613	1	21.5	68 2393
2838	2682	9.0	13 16.84	5.4094	.1245	66 52 14.5	13.329	.595	3	21.5	66 2754
2839	2683	9.0	13 18.27	5.3445	.1193	66 16 50.0*	13.328	.588	3	21.1	66 2755
2840	—	9.1	13 19.85	5.5911	.1390	68 20 30.6	13.326	.614	2	22.1	68 2396
2841	2684	8.9	15 13 47.55*	+5.7284	+0.1507	−69 21 52.9	−13.295	+0.631	2	20.4	69 2314
2842	2686	7.1	13 47.95	5.4530	.1275	67 12 32.6	13.295	.601	5-6	20.1	67 2836
2843	2685	7.9	13 51.06	5.7793	.1551	69 42 58.4	13.292	.636	2	21.5	69 2315
2844	2688	8.4	13 57.03	5.4538	.1274	67 12 16.4	13.285	.601	2	20.9	67 2837
2845	2687	8.8	14 19.75	5.9625	.1712	70 52 25.5	13.261	.657	2	19.9	70 2017
2846	2689	9.1	15 14 27.70	+5.6146	+0.1401	−68 28 22.5	−13.252	+0.620	2	19.9	68 2400
2847	2690	8.8	14 41.13	5.6051	.1390	68 22 59.0	13.237	.619	2	20.5	68 2404
2848	2691	9.2	15 37.29	5.8840	.1621	70 17 25.9	13.176	.652	2	20.5	70 2021
2849	2692	8.2	15 40.03	5.3705	.1190	66 19 44.5	13.173	.596	2	20.5	66 2764
2850	—	8.7	15 52.44	6.2141	.1929	72 12 29.9	13.159	.689	2	21.6	72 1766

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2851	2694	8.9	15h16m 7ˢ.60	+5ˢ.4596	+0ˢ.1255	−67° 5′ 2″.0	−13″.142	+0″.607	3	21.5	66°2765
2852	2693	8.9	16 14.54	5.7071	.1458	69 1 59.7	13.135	.634	2	21.5	68 2412
2853	2695	8.5	16 15.69	5.6157	.1380	68 20 48.3	13.133	.624	3	20.7	68 2413
2854	2696	8.9	16 28.56	5.4588	.1251	67 3 1.0	13.119	.607	3	21.5	66 2767
2855	2699	9.0	17 2.95	5.6689	.1416	68 41 35.9	13.081	.632	2	20.4	68 2421
2856	—	9.0	15 17 6.16	+5.3664	+0.1173	−66 10 35.7	−13.078	+0.599	3	20.5	65 3042
2857	2697	7.4	17 10.49	6.1501	.1846	71 46 45.1	13.073	.685	5	20.1	71 1813
2858	2698	7.2	17 12.93	6.0245	.1727	71 3 18.5	13.070	.671	2	19.9	70 2026
2859	2700	9.0	17 27.59	5.3896	.1187	66 21 38.4	13.054	.602	2	20.5	66 2771
2860	—	8.9	17 29.80	5.3662	.1169	66 8 35.4	13.051	.600	2	22.0	65 3043
2861	2701	8.8	15 17 49.47	+5.5880	+0.1340	−68 0 51.6	−13.030	+0.625	2	20.2	67 2856
2862	2703	8.5	18 1.66	5.4360	.1217	66 43 50.0	13.016	.608	2	20.5	66 2772
2863	2702	9.0	18 8.05	5.6611	.1396	68 33 20.5	13.009	.633	2	21.5	68 2428
2864	2705	7.8	18 18.29	5.6457	.1382	68 25 36.9	12.998	.632	2	19.9	68 2430
2865	2704	8.8	18 29.02	5.8787	.1578	70 3 34.4	12.986	.658	3-4	20.7-21.0	69 2342
2866	2706	8.9	15 18 36.57	+5.9323	+0.1624	−70 23 45.6	−12.977	+0.665	3	21.5	70 2037
2867	—	9.0	18 38.59	6.2629	.1932	72 17 33.2	12.975	.701	2	21.5	72 1782
2868	2707	8.8	19 3.01	6.1679	.1834	71 45 31.2	12.948	.692	3	21.5	71 1827
2869	2711	9.0	19 4.28	5.4305	.1202	66 36 7.6	12.947	.610	2	20.4	66 2775
2870	2709	8.9	19 4.94	5.8581	.1552	69 52 56.7	12.946	.657	2	19.9	69 2349
2871	2710	6.5	15 19 8.70	+5.6042	+0.1338	−68 2 41.3	−12.942	+0.629	3	19.9	67 2864
2872	2714	9.0	19 52.68	5.7034	.1411	68 44 44.8	12.893	.642	2	20.4	68 2441
2873	2712	9.0	19 58.22	6.0741	.1733	71 10 5.0	12.886	.684	3-4	21.5	70 2044
2874	2713	8.8	20 1.45	6.0724	.1730	71 9 19.5	12.883	.684	3	20.5	70 2046
2875	2715	9.3	20 8.96*	5.8319	.1515	69 38 4.0	12.874	.657	2	20.5	69 2355
2876	2717	8.3	15 20 30.87	+5.7452	+0.1438	−69 0 16.0	−12.850	+0.648	2	19.9	68 2444
2877	2716	9.1	20 37.92	5.9655	.1561	70 28 15.1	12.842	.673	3	20.8	70 2053
2878	2718	9.1	21 4.28	5.8013	.1478	69 21 39.4	12.813	.656	2	19.9	69 2359
2879	2719	8.3	21 12.94	5.6563	.1356	68 17 51.3	12.803	.640	2	20.2	68 2446
2880	2708	8.8	21 16.37	6.2386	.1865	72 0 12.5	12.799	.705	2	21.4	71 1845
2881	—	9.0	15 21 20.35	+6.2867	+0.1910	−72 15 5.2	−12.795	+0.711	3	21.5	72 1796
2882	2721	8.6	21 46.11	5.6120	.1315	67 54 55.1	12.765	.636	3	21.5	67 2878
2883	2720	8.7	21 46.71	6.0924	.1722	71 9 35.2*	12.765	.690	4	22.8	70 2056
2884	2722	8.6	21 56.12	5.6360	.1332	68 5 23.7	12.754	.639	2	20.4	67 2880
2885	2723	9.1	21 58.56	5.6438	.1338	68 8 52.3	12.752	.640	2	20.4	67 2881
2886	2724	8.8	15 22 19.37	+5.5717	+0.1277	−67 33 12.0	−12.728	+0.633	3	21.2	67 2883
2887	2725	8.7	22 42.99	5.9341	.1569	70 8 5.3	12.702	.675	3	21.1	69 2368
2888	2728	8.0	22 52.57	5.5365	.1244	67 13 31.4	12.691	.630	2	20.9	67 2885
2889	2726	7.0	23 3.17	6.1474	.1753	71 23 42.4	12.679	.699	3-4	20.1-20.2	71 1852
2890	2727	9.0	23 9.83	5.9144	.1546	69 58 44.0	12.671	.673	2	20.5	69 2370
2891	2729	8.9	15 23 26.03	+5.7163	+0.1379	−68 35 29.3	−12.653	+0.652	3	20.7	68 2456
2892	2732	8.8	23 39.99	5.6440	.1319	68 1 46.7	12.637	.644	2	20.5	67 2890
2893	2735	8.7	23 45.86	5.5633	.1255	67 22 51.7	12.630	.635	2	21.5	67 2893
2894	2731	7.4	23 48.46	6.0537	.1658	70 48 14.9	12.628	.691	3	21.5	70 2069
2895	2734	(8.6)	23 53.46	5.7717	.1418	68 57 40.1	12.622	.659	2	21.5	68 2464
2896	2733	9.0	15 23 54.77	+5.8611	+0.1492	−69 34 40.1	−12.621	+0.669	2-3	22.1-21.9	69 2377
2897	2730	(9.0)	23 59.27	6.2924	.1872	72 7 23.6*	12.615	.718	2	23.6	71 1859
2898	—	8.9	24 41.64	6.3437	.1909	72 20 41.4	12.567	.726	2	20.4	72 1810
2899	2736	8.4	24 49.22	5.7742	.1409	68 54 58.9	12.559	.661	2	20.4	68 2474
2900	2737	9.0	24 58.85	5.8888	.1501	69 41 32.3	12.548	.675	2	20.5	69 2381

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2901	2738	8.8	15h25m 9s.04	+3s.7851	+0s.1414	—68°58′15″.6	—12″.536	+0″.663	2	20.5	68°2479
2902	2740	9.0	25 9.89	5.5250	.1204	66 52 37.8	12.535	.633	3-2	21.8-22.5	66 2784
2903	2741	8.7	25 20.27	5.6391	.1297	67 52 28.1	12.523	.647	2	20.5	67 2901
2904	2739	9.0	25 26.63	5.8920	.1498	69 40 59.4	12.516	.676	3	20.7	69 2384
2905	2742	9.0	25 57.42	6.2157	.1770	71 35 52.4	12.481	.714	2	21.4	71 1869
2906	2743	8.6	15 26 11.22	+5.9255	+0.1516	—69 51 18.2	—12.465	+0.682	3	21.5	69 2387
2907	—	8.8	26 24.11	5.4350	.1133	66 5 26.0*	12.451	.626	2	21.5	65 3085
2908	2746	8.0	26 34.03	5.5516	.1217	67 5 5.0	12.439	.640	3	20.4	66 2789
2909	2744	9.1	26 38.65	6.0543	.1628	70 37 49.2	12.434	.698	3	21.5	70 2080
2910	2745	8.9	26 42.19	6.0509	.1615	70 36 23.8	12.430	.697	2	23.1-22.1	70 2081
2911	2748	8.9	15 26 50.04	+5.5581	+0.1219	—67 7 12.2	—12.421	+0.641	2	20.4	66 2790
2912	2747	8.5	26 51.68	5.7381	.1356	68 31 3.5	12.419	.662	3	20.7	68 2486
2913	2749	8.2	27 6.44	5.7188	.1338	68 21 31.4	12.402	.660	5-4	22.0-22.6	68 2489
2914	2751	8.7	27 7.07	5.5083	.1179	66 40 51.9*	12.402	.636	2-3	20.4-20.8	66 2792
2915	2753	7.6	27 34.22	5.7610	.1366	68 38 11.7	12.370	.666	2	20.5	68 2493
2916	2750	9.2	15 27 37.06	+6.2663	+0.1790	—71 46 22.4	—12.367	+0.724	1	20.4	71 1880
2917	2752	8.9	27 40.66	5.9775	.1539	70 5 35.4	12.363	.691	2	20.5	69 2399
2918	2754	9.2	27 49.86	5.9343	.1502	69 48 24.8	12.352	.686	2	21.0	69 2401
2919	2755	8.8	27 50.76	5.6692	.1292	67 56 2.0	12.351	.656	2	21.4	67 2909
2920	2758	8.8	28 4.45	5.7262	.1333	68 20 55.5	12.336	.663	2	19.9	68 2499
2921	2759	8.7	15 28 11.83	+5.6971	+0.1309	—68 7 22.9	—12.327	+0.660	2	20.2	67 2912
2922	2756	8.9	28 15.88	6.0507	.1593	70 30 32.5*	12.323	.701	2	21.1	70 2089
2923	2757	8.2	28 21.57	6.1287	.1658	70 57 54.7	12.316	.710	3	21.5	70 2090
2924	2761	8.9	28 39.62	5.7432	.1339	68 26 5.9	12.295	.666	2	21.5	68 2507
2925	2760	8.7	28 45.02	6.2708	.1777	71 43 52.1	12.289	.727	3	21.5	71 1885
2926	2762	(9.0)	15 29 16.00	+6.2640	+0.1763	—71 39 53.9	—12.253	+0.722	2	21.0	71 1889
2927	2764	8.9	29 28.19	5.6958	.1293	68 1 40.0	12.239	.663	2	20.4	67 2919
2928	2766	7.5	29 33.41	5.4839	.1138	66 17 46.5	12.233	.638	2	20.5	66 2796
2929	2765	8.9	29 36.71	5.8351	.1399	69 1 40.8*	12.229	.679	2-3	21.0-21.2	68 2513
2930	—	9.1	29 41.58	5.4610	.1120	66 5 4.9	12.224	.636	2	20.5	65 3101
2931	2763	8.6	15 29 44.65	+6.3238	+0.1809	—71 57 11.2	—12.220	+0.736	2-3	21.0-20.6	71 1890
2932	2768	8.7	29 47.81	5.4860	.1137	66 17 52.7	12.216	.639	3	21.5	66 2798
2933	2767	8.4	29 49.30	5 5977	.1217	67 14 6.6	12.215	.652	2	20.1	67 2921
2934	—	(6.2)	29 50.15	5.4601	.1118	66 3 59.3	12.214	.637	F	(20.5-20.4)	65 3102
2935	—	9.1	30 4.05	5.7918	.1360	68 41 38.6	12.198	.675	2	21.5	68 2518
2936	2770	8.3	15 30 11.97	+5.7318	+0.1313	—68 14 57.7	—12.189	+0.668	2	19.9	68 2520
2937	2771	9.1	30 13.90	5.6943	.1284	67 57 54.8	12.186	.664	3	21.5	67 2925
2938	2773	8.8	30 48.26	5.8836	.1423	69 17 1.9	12.147	.687	3	21.5	69 2412
2939	2774	9.1	31 2.19	5.9673	.1487	69 49 9.4	12.130	.698	2	20.4	69 2413
2940	2772	7.9	31 4.99	6.3563	.1817	72 3 1.8*	12.127	.743	2	20.4	71 1898
2941	2776	9.0	15 31 27.39*	+5.8208	+0.1381	—68 56 30.6*	—12.101	+0.684	2	21.6	68 2522
2942	2775	9.0	31 32.48	6.1264	.1611	70 45 45.6	12.095	.717	2	20.5	70 2102
2943	2777	8.8	31 34.00	5.8435	.1382	68 57 41.8	12.094	.684	4	22.6	68 2523
2944	2778	9.3	31 58.05	5.8886	.1413	69 14 40.0	12.066	.691	2	20.5	69 2417
2945	2780	8.7	32 29.32	5.7215	.1279	68 1 19.9	12.029	.672	2	21.0	67 2927
2946	2783	8.6	15 32 29.38	+5.5034	+0.1123	—66 15 38.8	—12.029	+0.647	3	19.9	66 2806
2947	2781	9.0	32 36.03	5.8406	.1368	68 52 35.2	12.021	.686	3	21.5	68 2525
2948	2779	7.0	32 37.26	6.0081	.1499	69 58 54.5	12.020	.706	3	21.5	69 2422
2949	2782	7.8	33 4.00	6.2737	.1713	71 30 2.2	11.989	.738	2	21.5	71 1903
2950	2785	9.0	33 7.03	5.8281	.1352	68 45 23.2	11.985	.686	2	19.9	68 2528

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
2951	2784	8.7	15h33m19ˢ38	+6ˢ2180	+0ˢ1662	−71°10′54″0	−11″971	+0″732	3	21.5	71°1904
2952	—	8.8	33 43.52	6.4171	.1828	72 12 28.3	11.942	.756	2	20.4	72 1848
2953	2786	9.1	33 44.86	5.6736	.1230	67 34 28.3*	11.941	.669	2	20.2	67 2930
2954	2788	8.9	34 21.96	5.6497	.1207	67 20 48.5	11.897	.668	2	19.9	67 2932
2955	2790	9.0	34 32.29	5.5297	.1121	66 20 51.9	11.885	.654	2	20.4	66 2812
2956	2789	8.5	15 34 52.16	+6.1697	+0.1600	−70 49 15.0	−11.862	+0.730	2	20.5	70 2108
2957	2787	9.2	34 56.07	6.3595	.1758	71 51 0.2	11.857	.752	2	20.5	71 1906
2958	2791	8.9	35 17.73*	5.7407	.1262	67 59 8.0	11.832	.680	4-3	22.1-22.3	67 2935
2959	2792	7.8	35 53.77	6.0463	.1486	70 1 33.5	11.789	.718	5	20.1	69 2426
2960	2793	9.0	36 16.16	5.7986	.1293	68 20 56.6	11.763	.689	2	19.9	68 2542
2961	2794	8.9	15 36 23.96	+5.8809	+0.1352	−68 54 48.6	−11.754	+0.699	3	21.5	68 2543
2962	2796	8.4	36 39.16	5.8784	.1348	68 53 13.7	11.736	.700	3	21.5	68 2544
2963	2795	(8.5)	36 43.31	6.0589	.1485	70 3 19.8	11.731	.721	2	21.5	69 2429
2964	2800	8.4	36 51.54	5.5401	.1106	66 16 52.5	11.721	.660	3	21.5	66 2815
2965	2797	8.8	36 54.54	5.9206	.1376	69 9 27.0*	11.718	.705	2	21.5	68 2546
2966	2799	8.7	15 37 1.04	+5.7361	+0.1240	−67 50 33.9	−11.710	+0.684	2	19.9	67 2938
2967	2801	8.8	37 10.39	5.7760	.1267	68 7 44.0	11.699	.689	2	20.2	67 2940
2968	2798	8.0	37 34.76	6.4303	.1777	72 4 6.3*	11.670	.767	2-3	21.0-21.2	71 1912
2969	2802	8.7	38 37.37	6.3983	.1733	71 51 8.0	11.595	.766	2	21.4	71 1913
2970	2803	8.3	38 48.77	6.4026	.1734	71 51 49.7	11.582	.767	2	20.4	71 1916
2971	2806	8.8	15 38 53.73	+6.0103	+0.1420	−69 37 32.9	−11.576	+0.720	3	19.9	69 2441
2972	2804	8.4	38 53.74	6.1541	.1531	70 30 12.4	11.576	.738	2	20.5	70 2114
2973	2805	8.8	38 54.34	6.1474	.1525	70 27 48.7	11.575	.737	2	20.5	70 2115
2974	—	8.6	38 56.29	6.4728	.1792	72 12 31.1	11.573	.775	2	20.5	72 1868
2975	2807	9.0	39 0.21	5.8685	.1313	68 40 37.7	11.569	.704	2	19.9	68 2548
2976	2808	9.0	15 39 4.00	+5.6705	+0.1172	−67 12 29.6	−11.564	+0.680	2	20.5	67 2947
2977	2810	8.8	40 24.49	5.8948	.1315	68 46 30.5	11.468	.710	2	20.2	68 2555
2978	2809	9.1	40 24.85	5.9307	.1341	69 1 5.3	11.468	.714	2	19.9	68 2554
2979	2811	9.1	40 31.49	5.9065	.1322	68 50 52.1	11.460	.711	2	19.9	68 2556
2980	2813	8.9	40 46.40	5.7745	.1226	67 53 49.0	11.442	.696	2-3	21.0-21.2	67 2957
2981	2814	8.9	15 40 52.09	+5.8425	+0.1272	−68 22 58.6	−11.435	+0.704	2	21.5	68 2557
2982	2812	8.8	41 9.58	6.3128	.1625	71 16 16.3	11.414	.761	3	21.5	71 1920
2983	2815	8.8	41 13.41	6.2021	.1536	70 39 13.3	11.409	.748	2	21.5	70 2121
2984	2817	9.2	41 21.35	5.9054	.1312	68 47 30.4	11.400	.713	3	21.5	68 2559
2985	2816	8.4	41 26.71	6.3486	.1649	71 26 50.4*	11.393	.766	4	22.3	71 1921
2986	2818	8.7	15 41 27.30	+5.9024	+0.1308	−68 45 56.7	−11.393	+0.713	2	21.0	68 2560
2987	2819	8.9	42 4.17	5.9541	.1338	69 4 40.4	11.349	.720	2	20.4	68 2561
2988	2820	9.0	42 23.15	6.1469	.1478	70 16 8.8	11.326	.744	2	20.5	70 2124
2989	2822	8.7	42 37.85	5.6658	.1132	66 56 58.2	11.308	.687	2-3	20.1-19.9	66 2831
2990	2821	8.8	42 38.89	5.7886	.1215	67 53 16.6	11.307	.702	2	19.9	67 2963
2991	2824	8.8	15 42 50.28	+5.5831	+0.1076	−66 15 35.4	−11.293	+0.677	2	20.2	66 2832
2992	2823	8.9	43 18.84	6.3125	.1592	71 9 23.6	11.259	.766	2	20.5	70 2125
2993	2827	8.6	43 25.65	5.8374	.1240	68 11 46.0*	11.250	.709	3	21.2	68 2565
2994	2828	8.9	43 26.36	5.7969	.1212	67 54 8.6	11.249	.704	2	20.5	67 2967
2995	2829	8.7	43 32.12	5.9095	.1289	68 41 37.7	11.242	.718	2	21.0	68 2566
2996	2825	8.5	15 43 38.02	+6.4568	+0.1704	−71 53 26.9	−11.235	+0.784	2-3	20.9-20.4	71 1923
2997	2826	8.7	43 45.58	6.2756	.1558	70 55 53.3	11.226	.763	3	21.5	70 2126
2998	2830	8.4	43 54.25	6.0222	.1365	69 25 4.6	11.216	.732	3	21.5	69 2455
2999	2831	8.6	43 55.94	5.9131	.1287	68 41 44.9*	11.214	.719	2	21.5	68 2568
3000	2834	(9.0)	44 8.62	5.8885	.1267	68 30 49.9	11.198	.717	2	21.9	68 2571

Nº	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Nº Obs.	Ep.	C. P. D.
3001	2835	7.9	15h44m 9s.32	+5s.8756	+0s.1258	−68°25 25″.6	−11″.198	+0″.715	2	19.9	68°2572
3002	2832	8.4	44 12.29	6.2196	.1508	70 35 37.7	11.194	.757	2	20.4	70 2128
3003	2836	8.9	44 13.85	5.8703	.1254	68 22 55.0	11.192	.715	3	19.9	68 2573
3004	2833	8.9	44 17.82	6.0813	.1404	69 46 7.4	11.187	.740	4	22.3	69 2456
3005	2837	(9.0)	44 32.43*	6.1609	.1459	70 14 9.3*	11.170	.750	3	22.9	70 2129
3006	2838	8.9	15 44 43.10	+5.8637	+0.1244	−68 18 29.7	−11.157	+0.715	2	20.5	68 2575
3007	2840	7.5	45 21.43.	5.7466	.1158	67 24 48.3	11.110	.702	3	20.8	67 2973
3008	2839	9.1	45 31.56	5.9630	.1303	68 56 30.7	11.098	.729	2	20.5	68 2579
3009	2843	8.6	45 53.34	5.6231	.1072	66 24 16.2	11.071	.688	3	21.5	66 2837
3010	2841	8.0	45 56.43	6.3934	.1618	71 27 7.7	11.068	.782	2	21.0	71 1928
3011	2845	8.7	15 46 13.55	+5.8275	+0.1202	−67 57 45.2*	−11.047	+0.714	2	19.9	67 2978
3012	—	9.1	46 13.99	6.5366	.1727	72 9 20.2	11.046	.804	3	21.5	72 1883
3013	2842	9.2	46 15.21	6.0917	.1386	69 43 34.1	11.045	.746	3	22.2	69 2458
3014	2844	9.0	46 17.18	5.9203	.1265	68 36 40.6*	11.043	.725	2	19.9	68 2582
3015	2846	9.0	46 48.72	6.3120	.1542	70 58 28.3	11.004	.774	2	21.5	70 2133
3016	2847	8.6	15 47 51.37	+5.9143	+0.1242	−68 28 58.3	−10.928	+0.728	2	20.2	68 2584
3017	2850	6.5	48 3.52	5.9012	.1231	68 22 52.7	10.913	.726	3	19.9	68 2585
3018	2851	8.8	48 13.70	6.1195	.1381	69 47 31.1	10.900	.753	3	21.5	69 2462
3019	2849	9.0	48 19.25	6.3205	.1527	70 56 42.6	10.893	.778	3	22.2	70 2135
3020	2848	(9.0)	48 19.26	6.4717	.1643	71 44 8.6*	10.893	.797	2	21.6	71 1934
3021	2852	8.6	15 48 23.43	+6.2546	+0.1477	−70 34 33.9	−10.888	+0.770	2	20.4	70 2136
3022	2854	9.0	48 26.26	5.9478	.1258	68 40 44.5	10.885	.733	2	20.5	68 2587
3023	2855	8.6	48 32.53	6.0237	.1310	69 10 27.1	10.877	.742	2	19.9	69 2464
3024	2853	8.6	48 40.00	6.2791	.1491	70 41 59.1	10.868	.774	2	20.5	70 2137
3025	2856	9.0	48 45.33	6.1000	.1360	69 38 40.7	10.861	.752	2	22.1	69 2465
3026	2859	8.9	15 48 46.79	+5.7474	+0.1122	−67 13 10.4	−10.860	+0.709	2	19.9	67 2987
3027	2860	8.0	49 0.39	5.8586	.1192	68 1 43.3	10.843	.723	3	22.2	67 2988
3028	2857	(8.4)	49 4.28	6.2931	.1496	70 45 25.9	10.838	.776	2	21.5	70 2138
3029	2858	9.0	49 9.54	6.3371	.1528	70 59 37.0	10.832	.782	2	21.5	70 2139
3030	2861	8.9	49 13.59	5.6753	.1072	66 37 48.8	10.827	.701	2	21.5	66 2848
3031	2862	(8.9)	15 49 36.33	+6.0043	+0.1283	−68 59 28.3	−10.799	+0.742	2-3	22.5-22.2	68 2588
3032	2863	9.0	49 37.55	5.9209	.1227	68 25 52.2	10.797	.732	2	20.2	68 2590
3033	2864	8.9	49 40.48	5.7623	.1122	67 16 55.5	10.794	.712	2	21.5	67 2993
3034	2865	(9.0)	49 51.76	5.6989	.1081	66 46 53.6	10.785	.705	2	22.6	66 2850
3035	2866	8.9	50 12.65	5.9479	.1238	68 35 2.1	10.754	.736	2	22.1	68 2591
3036	2867	8.4	15 50 23.40	+5.8824	+0.1192	−68 7 15.3	−10.741	+0.728	2	19.9	67 2996
3037	2869	8.1	50 30.19	5.7210	.1088	66 55 4.4	10.733	.709	3	22.2	66 2851
3038	2868	9.0	50 36.66	6.0891	.1330	69 28 50.7	10.726	.754	2	20.4	69 2470
3039	—	8.7	50 56.41	6.5907	.1695	72 11 34.2	10.701	.817	2	22.0	72 1890
3040	2871	8.4	51 12.21	5.9271	.1213	68 23 16.9	10.681	.736	3	19.9	68 2593
3041	2870	8.6	15 51 27.92	+6.3386	+0.1496	−70 53 19.9	−10.662	+0.787	2	20.5	70 2142
3042	2872	8.4	51 32.76	6.3406	.1496	70 53 45.2	10.656	.787	2	20.5	70 2143
3043	2874	8.9	51 40.60	6.1126	.1332	69 34 12.7	10.646	.759	3	21.2	69 2472
3044	2873	8.9	51 44.64	6.2764	.1447	70 31 54.8	10.641	.780	3	21.5	70 2144
3045	2875	8.6	51 49.23	5.9171	.1199	68 17 9.6	10.635	.736	2	19.9	68 2594
3046	2878	8.9	15 52 23.00	+5.8466	+0.1148	−67 45 22.2	−10.594	+0.728	2	21.5	67 3000
3047	—	7.5	52 26.02	6.6168	.1691	72 14 52.4	10.590	.823	3	21.5	72 1894
3048	2880	9.0	52 31.69	5.6778	.1041	66 27 34.2	10.582	.707	2	20.5	66 2859
3049	2879	9.0	52 37.38	5.8378	.1140	67 40 45.4	10.576	.727	2-3	21.5	67 3001
3050	2876	9.1	52 45.85	6.5241	.1615	71 47 12.6	10.565	.813	4	22.3	71 1938

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3051	2877	8.8	15h52m54s93	+6s5095	+0s1602	−71°42′27″3	−10″554	+0″811	2	20.4	71°1939
3052	2881	8.0	53 21.57	5.9552	.1207	68 27 53.8	10.521	.743	2	20.9	68 2598
3053	2882	8.6	53 26.39	5.8750	.1154	67 54 11.3	10.515	.734	2	19.9	67 3007
3054	2885	7.5	54 14.01	5.7120	.1045	66 38 10.2	10.456	.715	2	21.0	66 2866
3055	2884	9.4	54 37.86	6.4050	.1499	71 5 34.9	10.426	.802	2	20.5	70 2146
3056	2883	8.9	15 54 38.03*	+6.4967	+0.1566	−71 33 51.6	−10.426	+0.813	3	19.9	71 1943
3057	2886	9.0	54 51.68	6.1587	.1324	69 41 30.6	10.409	.772	2	19.9	69 2481
3058	2887	8.9	55 13.83	6.4960	.1557	71 32 3.1	10.381	.814	2	20.5	71 1944
3059	2890	9.0	55 22.22	5.9288	.1167	68 10 42.1	10.370	.744	3-4	22.9-22.2	68 2601
3060	2891	9.0	55 23.57	5.7561	.1060	66 55 0.4	10.369	.722	3	21.5-22.5	66 2872
3061	2892	8.5	15 55 28.18	+5.6622	+0.1004	−66 10 0.7	−10.364	+0.711	2	21.0	66 2873
3062	2893	8.7	55 35.19	5.6854	.1016	66 20 54.0	10.355	.714	2	21.5	66 2875
3063	2888	8.5	55 36.12	6.5562	.1595	71 48 56.3	10.353	.823	2	21.5	71 1947
3064	2889	8.7	55 38.77	6.5859	.1617	71 57 24.9	10.350	.827	2	21.5	71 1948
3065	2894	8.8	56 11.82	6.1602	.1308	69 38 5.7	10.309	.774	2	21.0	69 2484
3066	2896	8.1	15 56 13.01	+5.6975	+0.1017	−66 24 39.1	−10.308	+0.717	3	19.9	66 2877
3067	2895	9.1	56 24.07	6.0485	.1232	68 55 36.9	10.294	.761	3	21.1	68 2604
3068	2898	9.0	57 28.18	6.2067	.1323	69 51 6.1	10.213	.783	2	19.9	69 2486
3069	2897	8.9	57 31.85	6.3932	.1449	70 53 48.3	10.209	.806	2-3	21.5	70 2154
3070	—	(7.6)	57 32.56	6.6539	.1638	72 11 46.9	10.208	.839	2	21.0	72 1902
3071	2899	9.2	15 57 42.20	+5.6856	+0.0996	−66 14 2.6	−10.196	+0.718	3	22.5	66 2883
3072	2902	7.9	58 13.99	5.9576	.1153	68 13 47.6	10.156	.753	4	20.3	68 2610
3073	2901	9.0	58 25.05	6.4351	.1466	71 4 40.8	10.142	.813	3-4	22.9-22.3	70 2156
3074	2900	8.8	58 28.90	6.5550	.1550	71 40 55.8	10.137	.829	2	20.5	71 1952
3075	2903	7.3	59 40.18	6.5777	.1549	71 44 29.6	10.047	.834	2	21.0	71 1955
3076	2905	9.0	15 59 54.49*	+6.2294	+0.1306	−69 52 12.4	−10.029	+0.790	2	19.9	69 2489
3077	2904	9.2	59 56.13	6.5886	.1552	71 47 0.5	10.027	.836	2	20.5	71 1957
3078	2906	8.8	16 0 9.60	6.3627	.1392	70 36 43.8	10.010	.808	2	21.0	70 2161
3079	—	8.7	0 15.06	5.6753	.0966	66 0 46.7	10.003	.722	2	21.5	65 3222
3080	2907	8.5	0 33.62	5.8118	.1041	67 3 56.9	9.980	.739	3	19.6	66 2892
3081	—	8.6	16 0 57.56	+6.6969	+0.1614	−72 15 0.9	− 9.950	+0.852	3	20.5	72 1904
3082	2908	7.9	1 11.12*	6.4173	.1415	70 51 37.9	9.933	.817	3	20.9	70 2163
3083	2909	8.7	1 12.26	5.8236	.1041	67 7 16.2	9.931	.742	2	20.1	66 2894
3084	2910	8.3	1 29.16	6.1614	.1243	69 23 21.0	9.910	.785	2	21.0	69 2490
3085	2911	9.0	2 2.85	6.0694	.1179	68 47 6.2	9.867	.774	2	21.1	68 2620
3086	2912	8.6	16 3 11.90	+6.0016	+0.1124	−68 17 1.4	− 9.779	+0.768	2	19.6	68 2621
3087	2915	8.7	3 13.03	5.7701	.0990	66 36 43.7	9.778	.738	2	20.0	66 2901
3088	2914	8.5	3 29.96	6.1600	.1217	69 17 13.9	9.756	.788	2	19.6	69 2494
3089	2917	9.0	3 35.13	6.1282	.1197	69 5 10.2	9.750	.785	3	19.9	68 2622
3090	2913	9.0	3 35.48	6.3088	.1310	70 9 34.3	9.749	.808	3	21.5	70 2168
3091	2919	8.2	16 3 39.75	+5.7155	+0.0956	−66 9 32.4	− 9.744	+0.732	2	21.6	66 2904
3092	2916	8.8	3 41.69	6.3507	.1336	70 23 21.7	9.741	.813	3	21.5	70 2169
3093	2918	8.7	3 52.33	6.4979	.1431	71 9 49.9	9.728	.832	3	20.5	71 1959
3094	2923	8.9	4 24.91	6.0055	.1113	68 15 6.8	9.686	.771	4	21.6	68 2627
3095	2920	7.8	4 27.77	6.5455	.1454	71 22 47.3	9.682	.840	2	21.6	71 1960
3096	2922	8.2	16 4 29.85	+6.1900	+0.1224	−69 25 26.3	− 9.680	+0.794	2	21.1	69 2499
3097	2921	(8.8)	4 31.97	6.4850	.1413	71 4 12.0	9.677	.832	2	21.6	70 2171
3098	2924	8.8	4 53.72	6.1143	.1173	68 56 17.8	9.649	.785	2	20.6	68 2628
3099	2926	8.8	5 5.76	5.9315	.1063	67 42 38.3	9.634	.762	3-4	22.0-21.8	67 3031
3100	2928	9.1	5 9.30	5.9454	.1070	67 48 17.0	9.629	.764	2	21.1	67 3032

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec	N° Obs.	Ep.	C. P. D.
3101	2927	8.8	16h 5m10s.44	+6s.0092	+0s.1107	−68°14′26″.6	— 9″.628	+0″.772	2	21.5	68°2629
3102	2925	8.5	5 34.03	6.7122	.1552	72 8 0.4	9.598	.853	2	19.6	71 1961
3103	2929	9.0	6 12.24	6.5721	.1447	71 26 22.7	9.549	.846	3	19.9	71 1963
3104	2930	8.7	6 23.34	6.0343	.1108	68 21 3.0	9.534	.778	3	20.5	68 2632
3105	2931	8.6	6 35.50	5.8277	.0989	66 52 59.5	9.519	.752	2	19.6	66 2911
3106	2933	8.8	16 6 55.22	+5.7779	+0.0959	−66 29 13.8*	— 9.494	+0.746	3	21.5	66 2912
3107	2932	9.4	6 59.53	5.9830	.1072	67 58 40.2	9.488	.772	2	21.6	67 3039
3108	2934	9.0	7 12.13	5.9771	.1066	67 55 39.4	9.472	.772	2	21.6	67 3040
3109	2935	9.0	7 37.99	5.9715	.1058	67 52 5.8	9.439	.772	3	21.6	67 3044
3110	2936	8.8	8 2.88	6.3782	.1295	70 21 11.4	9.407	.825	2	20.5	70 2176
3111	2937	9.1	16 8 28.32	+6.6121	+0.1440	−71 32 39.5	— 9.374	+0.856	2	20.6	71 1967
3112	2938	8.3	8 32.21	6.6485	.1463	71 43 2.0	9.359	.861	2	21.0	71 1968
3113	2940	8.7	8 43.90	6.3727	.1283	70 17 39.5*	9.354	.826	2	19.6	70 2179
3114	2939	9.1	8 45.03*	6.5496	.1395	71 13 28.3	9.352	.848	3	19.9	71 1969
3115	2943	8.9	8 45.23*	6.0827	.1109	68 33 38.3	9.352	.788	3	20.3	68 2639
3116	—	9.0	16 8 51.00	+5.7330	+0.0917	−66 2 21.3	— 9.345	+0.744	2	20.0	65 3257
3117	2941	9.2	8 58.24	6.4262	.1313	70 34 31.0	9.335	.833	3	20.5	70 2180
3118	2942	7.5	9 4.11	6.4700	.1339	70 48 13.2	9.328	.839	3	21.6	70 2181
3119	2944	8.9	9 6.51	6.4072	.1299	70 28 2.6	9.325	.831	3	21.6	70 2182
3120	2947	8.9	9 19.10	5.9868	.1049	67 53 45.7	9.308	.777	2	20.6	67 3052
3121	2945	8.0	16 9 21.02	+6.6072	+0.1424	−71 29 8.8	— 9.306	+0.857	2	20.5	71 1970
3122	2948	8.8	9 34.28	6.0986	.1109	68 37 36.0	9.289	.792	2	21.0	68 2641
3123	2949	7.0	9 35.37	5.9677	.1035	67 45 8.0	9.287	.775	2	21.1	67 3054
3124	2951	8.5	9 37.09	5.9246	.1011	67 26 51.4	9.285	.769	3	21.5	67 3055
3125	2946	9.2	9 40.48	6.4323	.1307	70 34 44.9	9.281	.835	2-3	21.6-21.5	70 2185
3126	2952	8.9	16 9 50.66	+5.8720	+0.0980	−67 3 24.7	— 9.268	+0.763	2	20.0	66 2919
3127	2950	9.0	10 0.57	6.4253	.1298	70 31 39.7*	9.254	.835	3	19.9	70 2186
3128	2954	8.8	10 7.26	5.7549	.0916	66 9 4.3	9.246	.748	2	19.6	66 2920
3129	2953	9.1	10 18.08	6.0193	.1056	68 4 21.4	9.232	.783	2	19.6	67 3058
3130	2956	8.6	11 26.29	5.8645	.0960	66 55 38.1	9.144	.765	3-4	22.6-22.3	66 2923
3131	2955	8.7	16 11 33.96	+6.5800	+0.1373	−71 15 54.0	— 9.134	+0.858	3	21.6	71 1975
3132	2959	8.9	11 51.12	5.9607	.1007	67 36 3.7	9.112	.778	3	21.6	67 3060
3133	2958	8.7	12 8.22	6.3054	.1199	69 46 46.4	9.089	.823	2	21.0	69 2516
3134	2957	9.4	12 8.48	6.3645	.1233	70 6 29.9	9.089	.831	2	20.5	69 2515
3135	2960	8.9	12 8.98	6.1593	.1114	68 53 56.5	9.088	.804	3	20.9	68 2657
3136	2961	(8.8)	16 12 23.96	+5.9975	+0.1021	−67 49 50.6	— 9.069	+0.784	4	22.6	67 3067
3137	2963	(8.6)	12 44.74	5.9971	.1017	67 48 46.0	9.042	.784	2	20.6	67 3068
3138	2966	8.9	12 53.24	5.9087	.0969	67 11 5.2	9.031	.773	3	20.5	67 3072
3139	2965	7.8	12 55.11	6.0792	.1060	68 21 16.5	9.029	.795	2	20.0	68 2664
3140	2964	8.8	13 11.38	6.5190	.1312	70 53 36.7	9.007	.853	2	21.1	70 2197
3141	2962	7.5	16 13 12.72	+6.6811	+0.1413	−71 41 33.6	— 9.005	+0.874	3	21.5	71 1985
3142	2968	8.7	13 14.68	6.0492	.1040	68 8 34.3	9.003	.792	2	19.6	68 2666
3143	2967	9.0	13 23.24	6.2616	.1157	69 28 1.9	8.992	.820	3	19.9	69 2519
3144	2969	8.5	13 36.53	6.2756	.1162	69 32 25.9	8.975	.822	3	21.5	69 2521
3145	2970	8.8	13 48.26	6.0518	.1035	68 8 7.6	8.959	.793	2	21.6	68 2671
3146	2971	7.7	16 13 53.65	+5.9182	+0.0964	−67 12 29.2	— 8.952	+0.776	3	21.6	67 3079
3147	—	8.9	14 8.03	5.7750	.0888	66 7 16.2	8.934	.758	3	21.6	65 3283
3148	2973	8.4	14 10.63	5.9114	.0957	67 8 46.1	8.930	.775	3	20.5	67 3082
3149	2972	7.5	14 35.53	6.7018	.1405	71 44 20.2	8.897	.879	4	21.8	71 1989
3150	2975	9.0	14 40.34	6.1991	.1106	69 2 20.1	8.891	.814	2	20.6	68 2677

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	G. P. D.
3151	2976	9.3	16h14m56s.35	+6s.2153	+0s.1112	—69° 7′35″.7	— 8″.870	+0″.816	2	21.1	69°2530
3152	2974	8.3	14 56.49	6.5863	.1328	71 10 2.4	8.870	.865	2	21.0	71 1991
3153	2977	8.8	15 13.71	6.2250	.1114	69 10 24.0	8.848	.818	3	20.0	69 2533
3154	2978	9.0	15 20.21	6.1352	.1060	68 36 43.5	8.839	.806	2	19.6	68 2684
3155	2979	7.3	15 32.66	5.8602	.0917	66 42 34.0	8.823	.771	3	21.5	66 2940
3156	2982	8.8	16 15 43.94	+5.8617	+0.0916	—66 42 44.5	— 8.808	+0.771	3	21.5	66 2941
3157	2980	7.8	16 3.58	6.3673	.1184	69 58 3.2	8.782	.838	2	21.6	69 2536
3158	2981	(9.0)	16 24.24*	6.6943	.1373	71 38 12.5	8.755	.882	3	23.0	71 1998
3159	—	7.5	16 38.31	5.7738	.0864	65 59 52.0	8.736	.762	3	21.6	65 3293
3160	2984	9.5	16 47.82	6.3576	.1169	69 53 2.2	8.724	.838	4	22.0	69 2539
3161	2983	8.9	16 16 55.02	+6.5257	+0.1264	—70 47 7.4	— 8.715	+0.860	3	21.6	70 2214
3162	2985	8.8	17 6.15	6.1205	.1035	68 26 43.9	8.700	.808	2-3	20.1-19.9	68 2698
3163	2988	8.8	17 35.40	6.0484	.0922	67 57 8.0	8.662	.799	3	20.5	67 3099
3164	2986	9.2	17 36.99*	6.3707	.1166	69 55 33.6	8.660	.841	2	20.6	69 2545
3165	2987	8.4	17 55.63	6.7496	.1384	71 50 27.4	8.635	.892	2-3	22.0-21.2	71 2001
3166	2990	8.9	16 18 5.08	+5.8960	+0.0910	—66 51 45.7	— 8.623	+0.780	2	19.6	66 2948
3167	2989	7.2	18 22.25	6.7004	.1348	71 35 44.4	8.600	.886	2	21.0	71 2003
3168	2992	8.6	18 22.92	5.8513	.0885	66 31 4.1	8.600	.774	4	22.3	66 2949
3169	2991	9.0	18 26.94	5.9750	.0946	67 24 48.7	8.594	.790	2	19.6	67 3105
3170	2993	8.1	19 9.57	6.1138	.1009	68 19 6.2	8.538	.810	3	21.5	68 2712
3171	2994	7.1	16 19 37.53	+6.2511	+0.1076	—69 9 17.8	— 8.501	+0.829	2	20.6	69 2553
3172	2995	7.5	19 53.90	6.3446	.1122	69 41 27.5	8.480	.842	3	21.5	69 2555
3173	2997	8.5	20 10.59	5.8155	.0851	66 10 3.3	8.457	.772	2	21.6	66 2954
3174	2996	(5.1)	20 22.70	6.3880	.1140	69 55 3.1	8.441	.848	F	(20.8-20.7)	69 2558
3175	3001	8.9	20 33.48	5.8217	.0850	66 11 54.7	8.427	.774	2	20.5	66 2956
3176	3000	8.6	16 20 46.65	+6.1310	+0.1000	—68 21 52.8	— 8.410	+0.815	2	20.6	68 2726
3177	2999	8.9	20 55.21	6.4679	.1177	70 20 1.9	8.398	.860	2	21.0	70 2235
3178	2998	7.2	20 57.79	6.5881	.1244	70 57 19.3	8.395	.876	3	21.2	70 2233
3179	3002	8.7	21 15.68	6.1162	.0987	68 14 58.6	8.371	.814	3	21.5	68 2727
3180	3004	8.6	21 21.63	5.9782	.0917	67 18 55.6	8.363	.796	2	21.6	67 3117
3181	3003	8.7	16 21 25.55	+6.1227	+0.0988	—68 17 7.3	— 8.358	+0.815	3	21.5	68 2729
3182	3005	8.9	21 46.66	6.0217	.0934	67 35 59.0	8.330	.802	2	21.6	67 3119
3183	3006	9.0	22 40.50	5.9013	.0867	66 42 34.2	8.259	.787	2	20.0	66 2963
3184	3007	9.2	22 45.56	5.9633	.0896	67 9 13.3	8.252	.796	2	20.5	67 3125
3185	3008	8.9	22 57.58	6.1062	.0988	68 7 4.4	8.236	.815	2-3	21.1-20.6	68 2738
3186	3009	8.2	16 23 3.01	+6.0746	+0.0946	—67 54 23.9	— 8.229	+0.811	3-4	21.3-20.9	67 3127
3187	—	8.9	23 50.29	6.8830	.1372	72 14 23.4	8.166	.920	2	20.5	72 1955
3188	3012	9.1	24 2.07	6.2776	.1037	69 8 44.6	8.150	.840	3	21.3	69 2572
3189	3011	9.2	24 7.92	6.4935	.1149	70 21 19.2	8.143	.868	3-4	22.9 22.3	70 2250
3190	3013	8.8	24 10.94	5.9319	.0867	66 52 17.1	8.138	.794	3	19.9	66 2970
3191	3010	8.8	16 24 12.00	+6.7830	+0.1309	—71 46 50.0	— 8.137	+0.907	2	21.1	71 2023
3192	3015	9.1	24 27.46	6.1379	.0962	68 15 56.8	8.116	.822	2	21 6	68 2747
3193	3016	8.5	24 31.92	5.9702	.0881	67 7 52.6	8.110	.799	2	21.6	67 3134
3194	3014	8.8	24 44.41	6.5784	.1186	70 46 28.8	8.094	.881	3	21.6	70 2251
3195	3018	8.8	24 49.56	5.9337	.0861	66 51 28.8	8.087	.795	2	20.5	66 2972
3196	3017	8.2	16 25 13.59	+6.6218	+0.1203	—70 58 35.1	— 8.055	+0.887	2	21.1	70 2255
3197	3020	8.9	25 32.78	5.9167	.0846	66 42 20.9	8.029	.791	2	20.0	66 2973
3198	3019	6.8	26 1.29	6.5977	.1179	70 49 41.4	7.991	.885	2	21.0	70 2256
3199	3021	9.0	26 4.61	6.2632	.1005	68 59 3.9	7.987	.841	3	19.6	68 2750
3200	3022	9.1	26 15.36	6.1238	.0935	68 6 24.3	7.972	.822	2	20.5	67 3144

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3201	3024	9.0	16h26m28s.21	+5s.8553	+0s.0810	−66°12′41″.4	− 7″.955	+0″.787	2	21.1	66°2975
3202	3023	8.8	26 56.03	6.8637	.1313	72 3 22.5	7.918	.923	3	21.5	71 2035
3203	3026	8.9	27 1.25	6.4196	.1072	69 51 12.7	7.911	.863	3	21.5	69 2582
3204	3027	9.0	27 4.27	5.9930	.0866	67 11 36.2	7.907	.806	2	21.6	67 3147
3205	3028	8.9	27 13.97	6.1136	.0920	68 0 13.3*	7.894	.823	2	21.6	67 3149
3206	3025	7.2	16 27 16.21	+6.7950	+0.1269	−71 44 10.1	− 7.891	+0.914	3	21.6	71 2038
3207	3029	8.3	27 23.09	5.9890	.0861	67 9 10.5	7.882	.806	3	19.9	67 3152
3208	—	9.0	27 31.51	5.8443	.0795	66 5 7.8	7.870	.787	2	20.5	65 3325
3209	3031	8.8	27 57.03	5.9967	.0859	67 11 8.3	7.836	.808	2	19.6	67 3157
3210	3030	9.2	28 0.43	6.3538	.1027	69 26 55.4	7.832	.856	4	22.1	69 2587
3211	3032	9.1	16 28 1.08	+5.9646	+0.0844	−66 57 22.8	− 7.831	+0.804	3	20.2	66 2977
3212	3033	8.6	28 5.34	6.0167	.0866	67 19 10.6	7.825	.811	2	21.1	67 3158
3213	3034	8.5	28 15.55	5.9679	.0843	66 58 13.7	7.811	.804	2	21.1	66 2978
3214	3035	8.6	28 23.60	6.0149	.0862	67 17 43.4	7.800	.811	2	20.5	67 3162
3215	3036	8.8	28 48.71	6.1812	.0934	68 22 50.3	7.767	.834	3	21.5	68 2760
3216	3037	8.9	16 29 0.73	+6.1968	+0.0940	−68 28 17.9	− 7.750	+0.836	2	19.6	68 2761
3217	3038	7.6	29 3.14	5.9552	.0829	66 50 57.1*	7.747	.804	3	21.5	66 2980
3218	3039	8.6	29 12.18	6.0158	.0854	67 16 16.6	7.735	.812	2	21.6	67 3169
3219	3040	9.0	29 12.21	5.8920	.0800	66 22 50.1	7.735	.796	2	21.6	66 2981
3220	3041	7.7	29 15.57	5.9535	.0826	66 49 45.3	7.731	.804	3	21.6	66 2982
3221	3042	9.0	16 29 34.91	+5.9540	+0.0822	−66 49 15.0	− 7.705	+0.804	2	20.6	66 2983
3222	3043	8.9	30 21.25	6.1115	.0885	67 52 32.4	7.642	.827	2	20.5	67 3172
3223	3044	8.9	30 43.54	6.5246	.1077	70 17 43.5	7.612	.883	2	20.1	70 2274
3224	3045	7.6	30 52.90	6.2230	.0931	68 34 6.3	7.600	.843	2	20.6	68 2771
3225	3048	9.0	30 59.85	5.9680	.0815	66 52 6.9	7.590	.808	2	21.0	66 2988
3226	3049	8.8	16 31 7.29	+5.9033	+0.0786	−66 23 30.2	− 7.580	+0.800	2	21.6	66 2989
3227	3047	8.7	31 12.18	6.4754	.1047	70 1 2.7	7.573	.877	2	21.1	69 2596
3228	3050	8.9	31 13.73	5.9565	.0808	66 46 36.8	7.571	.808	2	20.0	66 2990
3229	3046	8.5	31 28.10	6.8981	.1261	72 4 8.5*	7.552	.935	3	21.5	71 2051
3230	3051	9.2	31 39.12	6.1983	.0910	68 23 16.7	7.537	.840	2	20.5	68 2777
3231	3052	8.6	16 31 39.27	+5.9831	+0.0815	−66 57 16.0	− 7.537	+0.811	3	22.3	66 2991
3232	—	7.2	32 4.17	6.9211	.1264	72 9 4.9	7.503	.939	2	21.5	72 1971
3233	3053	8.7	32 44.95	6.4329	.1007	69 44 5.0	7.448	.874	2	21.0	69 2601
3234	3054	(9.0)	32 51.99	6.4464	.1012	69 48 19.9*	7.439	.876	3	21.3	69 2603
3235	3055	8.3	33 5.93	6.3512	.0964	69 15 37.6	7.420	.863	3	21.5	69 2607
3236	3057	8.6	16 33 13.93	+5.8789	+0.0756	−66 7 50.4	− 7.409	+0.799	3	21.5	66 2994
3237	3056	9.0	33 31.87*	6.2448	.0910	68 36 45.1	7.384	.849	3	20.9	68 2788
3238	3058	6.5	33 37.80	6.1713	.0877	68 8 55.6	7.376	.840	2	20.1	68 2789
3239	3059	7.5	34 24.47	6.5736	.1053	70 26 4.6	7.313	.895	2	19.6	70 2284
3240	3061	8.2	34 35.63	6.0539	.0816	67 20 24.0	7.298	.825	2	20.5	67 3190
3241	3060	8.9	16 34 59.79	+6.7431	+0.1128	−71 15 22.5	− 7.265	+0.919	2	21.6	71 2061
3242	3063	9.0	35 27.30	6.0510	.0806	67 17 26.2	7.228	.826	2-3	21.6-21.0	67 3194
3243	3064	6.5	35 45.61*	6.0522	.0803	67 17 16.9	7.203	.826	4-5	20.3-20.6	67 3196
3244	3062	8.8	35 54.58	6.8664	.1176	71 47 55.6	7.191	.937	3	21.6	71 2063
3245	3066	9.0	36 21.71	5.8962	.0734	66 8 54.6	7.154	.806	4	21.6	66 3003
3246	3065	7.8	16 36 49.17	+6.8502	+0.1154	−71 42 0.8	− 7.116	+0.937	2	20.5	71 2065
3247	3067	8.8	37 14.72	6.4019	.0937	69 25 4.9	7.082	.876	2	20.5	69 2619
3248	3071	8.7	37 52.81	5.9313	.0733	66 21 21.6	7.030	.813	2	19.6	66 3005
3249	3068	9.4	37 57.81	6.6551	.1044	70 44 27.8	7.023	.912	2	21.0	70 2299
3250	3069	9.2	38 2.14	6.7438	.1085	71 10 16.5	7.017	.924	2-3	21.1-21.3	71 2070

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3251	3070	8.8	16h38m 2ˢ.89	+6ˢ.6182	+0ˢ.1025	−70°33′11″.5	− 7″.016	+0″.907	3	21.5	70°2301
3252	—	8.8	38 4.44	6.9655	.1193	72 10 24.2	7.014	.954	2	21.5	72 1981
3253	3072	7.7	38 15.87	6.1125	.0802	67 36 38.0	6.998	.838	4	20.6	67 3202
3254	3073	8.7	38 17.50	6.0070	.0759	66 53 16.5	6.996	.824	3	19.9	66 3007
3255	—	8.8	38 25.72	5.8935	.0714	66 3 22.9	6.985	.809	2	21.6	65 3356
3256	3076	6.5	16 39 6.05	+6.0228	+0.0757	−66 58 17.3	− 6.930	+0.827	2	20.0	66 3009
3257	3075	7.0	39 10.10	6.1712	.0816	67 57 54.0	6.924	.847	3	21.6	67 3204
3258	3074	9.0	39 17.11	6.4787	.0946	69 46 58.8	6.914	.889	2	20.5	69 2625
3259	3078	9.0	39 20.81	5.9729	.0712	66 10 12.1	6.909	.812	2	21.0	66 3011
3260	3077	8.6	39 21.08	6.3432	.0886	69 0 53.8	6.909	.871	2	20.6	68 2815
3261	3079	(8.8)	16 39 27.49	+5.9826	+0.0738	−66 40 32.2	− 6.900	+0.822	3	21.3	66 3012
3262	3080	8.8	39 46.44	5.9937	.0739	66 44 35.0	6.874	.824	2	20.5	66 3013
3263	3082	8.7	40 5.07	6.1175	.0785	67 35 4.9	6.849	.841	3	21.5	67 3206
3264	—	8.4	40 6.62	5.8852	.0695	65 56 10.1	6.847	.810	2	21.5	65 3359
3265	3081	9.0	40 9.58	6.2465	.0836	68 24 29.7	6.842	.859	2	19.6	68 2820
3266	3083	9.0	16 40 37.24	+6.2590	+0.0836	−68 28 14.6	− 6.805	+0.861	3	21.6	68 2821
3267	3084	(4.8)	40 42.36	6.3294	.0865	68 53 31.9	6.798	.871	F	(20.6)	68 2822
3268	3085	8.8	40 51.00	6.4461	.0912	69 33 23.8	6.786	.887	2	21.6	69 2630
3269	3086	9.1	40 52.73	5.9859	.0726	66 39 7.5	6.783	.824	3	21.6	66 3016
3270	3087	7.5	41 8.62	6.0291	.0739	66 56 56.4	6.762	.830	2	21.6	66 3017
3271	3088	8.3	16 41 10.87	+6.0560	+0.0750	−67 8 1.4	− 6.759	+0.834	3	21.5	67 3211
3272	3089	8.9	41 43.89	6.1160	.0767	67 31 21.0	6.713	.843	2	20.5	67 3216
3273	3090	8.0	42 22.24	6.6289	.0972	70 29 1.6	6.661	.914	2	20.1	70 2311
3274	3091	8.1	42 34.64	6.0279	.0725	66 53 40.2*	6.644	.832	2	21.6	66 3019
3275	3092	8.6	42 55.11	6.0765	.0740	67 13 10.2	6.615	.839	2-3	21.6	67 3224
3276	—	8.9	16 43 3.63	+6.9930	+0.1128	−72 9 35.1	− 6.604	+0.965	2	21.6	72 1994
3277	3093	8.4	43 30.50	6.4424	.0878	69 27 33.0	6.567	.890	2	19.6	69 2636
3278	3096	8.9	43 37.91	5.9948	.0702	66 37 38.4	6.556	.829	5	21.8	66 3023
3279	3099	8.7	43 52.34	6.1123	.0744	67 25 52.9	6.537	.845	3	21.3	67 3229
3280	3098	8.8	43 55.05	6.1891	.0772	67 55 58.0	6.533	.856	2	19.6	67 3228
3281	3094	9.1	16 43 57.48	+6.8233	+0.1036	−71 22 58.0	− 6.529	+0.943	3	21.3	71 2081
3282	3097	8.9	44 16.71	6.7400	.0995	70 58 52.6	6.503	.932	3	21.5	70 2314
3283	3095	8.4	44 17.35	6.8973	.1065	71 42 37.1	6.502	.954	3	21.5	71 2082
3284	3102	7.0	44 36.08*	6.1338	.0744	67 33 7.7	6.476	.849	4	21.0	67 3232
3285	3101	8.7	44 53.12	6.6161	.0933	70 20 59 3	6.453	.916	2	21.6	70 2319
3286	3100	8.1	16 45 4.22	+6.9621	+0.1082	−71 58 34.5	− 6.437	+0.964	4	21.6	71 2086
3287	3103	8.2	45 11.90	6.6420	.0940	70 28 24.3	6.427	.920	2	20.1	70 2322
3288	3105	8.8	45 31.60	5.9867	.0681	66 30 38.1	6.399	.830	2	20.6	66 3027
3289	3104	7.5	45 35.02	6.5609	.0901	70 2 41.0	6.395	.909	2	20.5	69 2642
3290	3106	8.2	45 59.84	6.1558	.0738	67 39 18.4	6.360	.854	2	19.6	67 3239
3291	3109	8.8	16 47 3.49	+5.9735	+0.0662	−66 22 5.0	− 6.272	+0.830	2	20.0	66 3034
3292	3108	7.9	47 19.82	6.4076	.0818	69 9 22.5	6.250	.890	2	21.0	69 2647
3293	3107	8.5	47 26.96	6.7970	.0975	71 10 16.9	6.240	.944	3	21.3	71 2092
3294	3110	8.9	47 37.28	5.9505	.0648	66 11 0.1	6.226	.827	4	21.6	66 3036
3295	3112	8.6	47 57.99	6.0633	.0684	66 58 34.7	6.197	.843	2	20.5	66 3037
3296	3111	7.2	16 48 31.02	+6.7644	+0.0946	−70 59 24.1	− 6.151	+0.941	2	19.6	70 2326
3297	3113	8.8	48 47.94	6.2589	.0745	68 13 51.5	6.128	.871	3	21.5	68 2842
3298	—	8.4	49 6.29	5.9301	.0628	65 59 16.5	6.102	.826	2	21.6	65 3374
3299	3114	7.6	49 8.03	6.0780	.0578	67 2 37.3	6.100	.846	3	20.9	66 3038
3300	3116	9.1	49 56.14	6.0529	.0661	66 50 49.7	6.033	.844	2	20.5	66 3039

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3301	3115	9.2	16h50m 0s.97	+6s.3488	+0s.0765	−68°44′31″.4	− 6″.026	+0″.885	2	20.6	68c.2846
3302	3117	7.5	50 8.52	6.2827	.0739	68 20 27.3	6.016	.876	2	19.6	68 2848
3303	3118	9.0	50 29.31	6.0386	.0651	66 43 54.5	5.987	.843	2	20.5	66 3041
3304	3119	9.0	50 37.27	6.0829	.0665	67 2 5.9	5.976	.849	2	21.0	66 3042
3305	3120	8.4	50 41.60	6.1377	.0682	67 24 9.8	5.970	.857	5	22.0	67 3257
3306	3121	8.3	16 50 52.36	+6.0682	+0.0657	−66 55 37.6	− 5.955	+0.847	3	21.3	66 3043
3307	3123	8.9	50 54.66	6.0115	.0638	66 31 42.1	5.951	.839	3	21.5	66 3045
3308	3124	8.8	51 9.55	6.1805	.0692	67 40 15.2	5.931	.863	3	21.5	67 3259
3309	3125	(5.4)	51 29.78	6.4262	.0776	69 9 7.3	5.903	.898	2	19.6	69 2666
3310	3122	8.7	51 38.81	6.9634	.0982	71 49 29.0	5.890	.973	2	21.6	71 2099
3311	3126	8.5	16 51 56.63	+6.0955	+0.0655	−67 5 2.2	− 5.865	+0.852	2	21.6	67 3260
3312	3128	9.0	52 16.40	5.9573	.0607	66 5 51.1	5.838	.833	2	21.0	66 3047
3313	3127	8.1	52 18.79	6.2757	.0713	68 14 26.3	5.834	.878	4	19.8	68 2853
3314	3130	8.0	53 28.80	6.0034	.0610	66 23 55.0	5.737	.841	2	20.5	66 3049
3315	3129	8.2	53 42.92	6.4620	.0762	69 17 53.1	5.717	.905	2	20.0	69 2673
3316	3131	9.0	16 54 6.37	+6.0840	+0.0630	−66 56 49.6	− 5.684	+0.853	2	21.0	66 3050
3317	3132	8.8	54 26.95	6.4590	.0752	69 15 47.4	5.655	.906	3	21.3	69 2675
3318	3133	8.9	54 27.95	5.9942	.0598	66 18 20.5	5.654	.841	3	21.5	66 3051
3319	3138	9.0	54 51.00	5.9764	.0589	66 9 58.8	5.622	.839	2	21.6	66 3053
3320	3137	9.0	54 53.80	6.0672	.0517	66 48 37.5	5.618	.851	2	19.6	66 3052
3321	—	8.7	16 54 55.21	+7.0558	+0.0970	−72 8 53.3	− 5.616	+0.990	3	21.5	72 2018
3322	3136	8.4	55 4.90	6.3333	.0702	68 31 11.1	5.602	.889	2	20.5	68 2868
3323	3134	9.0	55 9.40	6.5491	.0776	69 44 23.5	5.596	.919	3	21.6	69 2676
3324	3139	8.1	55 16.71	6.3703	.0712	68 44 3.1	5.586	.894	4	20.3	68 2869
3325	3135	8.6	55 16.80	6.6355	.0805	70 11 22.9	5.585	.931	2	20.6	70 2312
3326	3140	9.0	16 55 19.86	+6.1967	+0.0654	−67 39 50.5	− 5.581	+0.870	2	19.6	67 3270
3327	3142	8.7	55 46.57	6.2161	.0650	67 46 40.1	5.544	.873	2	21.6	67 3273
3328	3143	8.8	55 55.51	6.1841	.0644	67 34 5.0	5.532	.869	2	20.0	67 3274
3329	3141	8.7	56 2.25	6.6631	.0805	70 18 48.1	5.522	.936	3	21.6	70 2346
3330	3144	8.9	56 12.04	6.3445	.0693	68 33 33.2	5.508	.892	2	19.6	68 2873
3331	3145	8.8	16 56 16.30	+6.2610	+0.0665	−68 2 53.7	− 5.502	+0.880	3	21.3	67 3275
3332	3146	9.1	56 22.18*	6.2078	.0646	67 42 34.4	5.494	.873	2	20.5	67 3276
3333	3147	7.0	56 40.42	6.2824	.0667	68 10 16.7	5.468	.883	2-3	21.6-21.5	68 2875
3334	3149	8.9	57 19.82	6.0422	.0586	66 34 21.0	5.413	.827	2	19.6	66 3056
3335	3148	8.7	57 24.79*	6.6652	.0788	70 17 32.8	5.406	.938	4-5	22.3-22.2	70 2349
3336	3150	8.8	16 58 9.94	+6.5268	+0.0731	−69 32 59.1	− 5.343	+0.919	2	21.6	69 2682
3337	3151	(9.0)	58 41.68	6.7258	.0792	70 34 1.9	5.298	.948	3	22.3	70 2351
3338	3153	8.7	59 13.16	6.4602	.0696	69 9 28.0	5.254	.911	2	21.6	69 2686
3339	3152	9.0	59 28.20	6.7977	.0806	70 53 54.8	5.233	.959	6	21.6	70 2354
3340	3154	7.5	17 0 9.05	6.1271	.0583	67 5 12.4	5.175	.865	2	20.5	67 3284
3341	3155	8.6	17 0 9.86	+6.0689	+0.0566	−66 41 19.3	− 5.174	+0.857	2	20.0	66 3060
3342	3158	9.0	0 34.50	6.1890	.0597	67 29 10.7	5.139	.874	4	20.1	67 3285
3343	3157	9.0	0 43.20	6.4169	.0665	68 52 41.7	5.125	.906	2	19.6	68 2890
3344	3156	8.5	0 55.46	6.9529	.0840	71 34 52.0	5.110	.982	2	20.5	71 2113
3345	3161	8.4	1 8.17	6.2093	.0597	67 36 17.4	5.092	.878	2	21.6	67 3287
3346	3159	7.0	17 1 8.38	+6.3959	+0.0653	−68 44 49.8	− 5.092	+0.904	4	21.1	68 2892
3347	3163	8.8	1 14.93	6.1143	.0568	66 58 28.7	5.083	.864	3	21.6	66 3061
3348	3160	8.4	1 25.51	6.6738	.0738	70 15 0.1	5.067	.943	2-3	21.6	70 2356
3349	3162	8.3	1 31.95	6.6892	.0742	70 19 30.3	5.058	.946	3	21.6	70 2357
3350	3164	8.6	1 37.19	6.0767	.0554	66 42 28.4	5.051	.859	2	19.6	66 3063

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3351	3166	8.7	17h 1m46ˢ.70	+5ˢ.9913	+0ˢ.0529	−66° 5′54″.3	− 5″.038	+0″.847	2	20.0	66°3064
3352	3168	9.1	2 17.17	6.3033	.0612	68 10 7.1*	4.995	.892	3	19.6	68 2894
3353	3167	9.0	2 26.75	6.6408	.0714	70 3 36.4	4.981	.940	2	20.1	69 2691
3354	3165	8.9	2 32.29	6.9709	.0822	71 37 44.3	4.973	.987	2	20.5	71 2116
3355	3170	9.0	2 50.37	6.1238	.0555	67 0 6.0	4.948	.867	2-3	21.6	66 3069
3356	3171	8.7	17 3 12.37	+6.4940	+0.0659	−69 15 35.8	− 4.917	+0.920	2	21.0	69 2695
3357	3169	9.2	3 14.78	6.6592	.0710	70 8 16.8	4.913	.943	3-4	22.2-21.8	70 2360
3358	—	7.9	3 16.18	7.1031	.0857	72 10 46.5	4.911	1.006	2	20.6	72 2037
3359	3173	7.9	3 29.83	6.3707	.0619	68 32 51.7	4.892	0.903	2	21.1	68 2897
3360	3172	6.9	3 49.93	6.7593	.0734	70 37 32.0	4.864	.958	5	21.6	70 2361
3361	3174	8.9	17 4 13.06	+6.6346	+0.0690	−69 59 32.1	− 4.831	+0.941	3	21.6	69 2698
3362	3175	9.0	4 39.81	6.4124	.0618	68 46 0.7	4.793	.910	3	20.6	68 2901
3363	3178	7.8	4 49.17	6.0598	.0518	66 30 59.1	4.780	.860	2	20.0	66 3070
3364	3177	9.0	5 1.24	6.5621	.0658	69 35 41.1	4.763	.931	3	21.6	69 2699
3365	3176	7.7	5 2.99	6.7378	.0711	70 29 48.3	4.760	.956	2	21.6	70 2364
3366	3179	8.7	17 5 19.23	+6.3482	+0.0592	−68 22 30.7	− 4.737	+0.901	2	19.6	68 2902
3367	3180	9.5	5 22.81	6.4093	.0609	68 44 3.4	4.732	.910	2	20.5	68 2903
3368	3181	8.8	5 36.74	6.1469	.0534	67 5 41.7	4.712	.873	3	19.9	67 3295
3369	3182	6.7	5 37.04	6.1481	.0534	67 6 11.8	4.712	.873	2	20.5	67 3296
3370	3183	8.6	5 52.80	6.1311	.0527	66 58 59.5	4.689	.871	2	20.6	66 3073
3371	3184	8.7	17 6 6.65	+6.1762	+0.0537	−67 16 43.4	− 4.670	+0.877	2	21.0	67 3299
3372	3186	8.7	6 39.87	6.2509	.0551	67 44 53.6	4.623	.889	2	21.1	67 3301
3373	3185	8.5	6 54.04	6.8868	.0732	71 10 12.9	4.603	.979	2	21.6	71 2124
3374	3187	9.0	7 45.66	6.0597	.0490	66 27 5.5	4.529	.862	2	19.6	66 3074
3375	3188	8.8	8 6.14	6.3342	.0558	68 14 4.7	4.500	.902	2	20.0	68 2905
3376	3189	9.0	17 8 17.98	+6.0686	+0.0487	−66 30 9.4	− 4.483	+0.864	3	21.6	66 3077
3377	3190	9.1	8 41.53	6.5039	.0597	69 12 20.9	4.450	.926	3	19.9	69 2705
3378	3191	9.0	9 42.96	6.7151	.0642	70 17 53.7	4.363	.957	2	20.5	70 2368
3379	3192	7.5	9 44.98	6.1254	.0487	66 51 50.3	4.360	.873	3	20.6	66 3080
3380	3193	8.7	9 46.33	6.0391	.0466	66 15 48.6	4.358	.861	3	21.6	66 3081
3381	3194	9.2	17 10 32.69	+6.4971	+0.0573	−69 8 0.2	− 4.292	+0.927	2	20.5	69 2709
3382	3195	9.3	11 13.37	6.0946	.0466	66 37 25.4	4.234	.870	2	20.5	66 3085
3383	3199	9.1	11 20 26	6.3795	.0533	68 26 36.0	4.224	.911	2	20.0	68 2909
3384	3196	9.2	11 48.67	6.7005	.0611	70 11 19.0	4.184	.957	3	21.3	70 2369
3385	3198	7.2	11 52.33	6.6561	.0598	69 57 41.0	4.179	.951	3	19.9	69 2715
3386	3197	9.0	17 11 52.34	+6.6636	+0.0601	−69 59 58.2	− 4.179	+0.952	2	19.6	69 2714
3387	3200	9.0	12 3.11	6.4427	.0541	68 47 54.8	4.163	.920	2	19.6	68 2910
3388	3201	8.4	12 35.51*	6.4857	.0575	69 0 57.2	4.117	.927	3	21.3	68 2911
3389	3202	8.8	12 47.27	6.6692	.0590	70 0 45.4	4.100	.953	2	21.1	69 2718
3390	3203	8.5	13 4.23	6.4107	.0522	68 35 46.2	4.076	.916	2	21.6	68 2912
3391	3205	(5 7)	17 13 43.21	+6.6788	+0.0581	−70 2 48.1	− 4.020	+0.956	F	(21.1-21.0)	69 2719
3392	3204	8.9	13 50.94	6.9286	.0645	71 14 38.5	4.009	.991	2	20.6	71 2137
3393	3206	9.0	13 58.98	6.6751	.0577	70 1 23.6	3.998	.955	2	20.0	69 2720
3394	3207	7.3	14 4.52	6.7435	.0593	70 21 55.7	3.990	.965	2	21.1	70 2371
3395	3208	6.8	14 8.68	6.2652	.0476	67 41 40.6	3.984	.897	2	21.6	67 3310
3396	3210	8.4	17 14 54.15	+6.0433	+0.0419	−66 11 37.7	− 3.919	+0.866	3	21.6	66 3095
3397	3209	8.8	15 17.02	6.5509	.0530	69 20 52.2	3.886	.938	2	21.6	69 2722
3398	3211	9.6	15 30.70	6.7459	.0575	70 21 17.1	3.867	.967	2	20.5	70 2372
3399	3213	8.9	15 36.48	6.2951	.0467	67 51 20.3	3.858	.902	3	21.7	67 3312
3400	3214	8.2	15 41.28	6.0554	.0414	66 15 56.8	3.852	.868	2	20.6	66 3096

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3401	3212	9.0	17h16m 0s.24	+6s.7899	+0s.0579	−70°33′43″.4	— 3″.825	+0″.973	2	21.1	70°2373
3402	3215	8.8	16 12.57	6.0481	.0408	66 12 17.0	3.807	.867	4	19.8	66 3101
3403	3216	(9.0)	16 41.48	6.1886	.0432	67 9 24.8	3.765	.888	2	21.7	67 3314
3404	3217	9.5	17 31.48	7.1158	.0640	72 0 9.1	3.692	1.021	3-4	22.3-21.8	71 2141
3405	3220	9.0	17 39.02	6.2110	.0428	67 17 14.9	3.683	0.892	2	21.1	67 3316
3406	3218	8.8	17 17 47.46	+7.0115	+0.0610	−71 33 16.4	— 3.671	+1.006	2	21.6	71 2142
3407	3221	8.8	17 48.00	6.3545	.0456	68 10 58.6	3.670	0.912	2	20.1	68 2914
3408	3222	7.7	17 51.75	6.0684	.0396	66 19 8.4	3.665	.871	3	21.6	66 3105
3409	3224	8.9	18 11.73	6.0490	.0389	66 10 33.4	3.636	.869	3	21.6	66 3106
3410	3219	8.5	18 13.89	7.0839	.0621	71 51 33.1	3.633	1.017	3	21.6	71 2145
3411	3227	8.9	17 18 32.59	+6.0345	+0.0383	−66 4 0.0	— 3.606	+0.867	2	20.0	66 3108
3412	3226	8.7	18 35.01	6.2119	.0418	67 16 39.4	3.603	.892	3	21.6	67 3321
3413	3223	9.0	18 41.73	6.9392	.0579	71 13 13.6	3.593	.997	2	20.5	71 2146
3414	3225	8.8	18 56.96	6.7949	.0541	70 32 35.0	3.571	.976	2	20.6	70 2378
3415	3228	9.0	19 24.29	7.0253	.0589	71 35 32.5*	3.532	1.010	5	22.4	71 2148
3416	3229	9.3	17 19 25.13	+6.9192	+0.0564	−71 7 12.9	— 3.531	+0.994	2	21.1	71 2149
3417	3231	9.0	19 35.13	6.1417	.0394	66 47 47.0	3.517	.883	2	19.6	66 3110
3418	3230	8.5	19 49.36	6.6882	.0505	70 0 2.1	3.496	.962	3	21.7	69 2729
3419	3233	7.7	20 19.42	6.8043	.0525	70 34 7.3	3.453	.978	3	20.1	70 2380
3420	3234	8.3	20 24.39	6.0599	.0371	66 13 0.0	3.446	.872	2	20.0	66 3111
3421	3232	8.8	17 20 30.44	+7.0488	+0.0578	−71 40 44.9	— 3.437	+1.014	2	21.6	71 2150
3422	3235	8.9	21 5.32	6.4172	.0433	68 30 16.8	3.387	0.923	2	20.5	68 2916
3423	3236	9.0	21 12.85	6.0433	.0360	66 5 10.0	3.376	.870	3	21.6	66 3114
3424	3237	9.0	21 24.95	6.2292	.0393	67 20 44.3	3.359	.897	3	21.6	67 3327
3425	3238	8.4	21 36.29	6.2100	.0387	67 13 4.1	3.342	.894	2	19.6	67 3328
3426	—	(8.8)	17 21 58.05	+6.0183	+0.0349	−65 53 39.2	— 3.311	+0.867	3	21.6	65 3449
3427	3240	8.7	22 38.84	6.2556	.0385	67 29 48.4	3.253	.901	2	19.6	67 3331
3428	3241	7.1	22 42.38	6.1508	.0365	66 48 32.7	3.247	.886	2	20.6	66 3116
3429	3239	8.7	22 48.52	6.9344	.0519	71 8 40.4	3.238	.999	3	21.6	71 2153
3430	3242	9.5	23 33.41	6.8134	.0483	70 34 13.2	3.174	.982	2	20.5	70 2385
3431	—	8.6	17 24 23.46*	+7.1653	+0.0546	−72 7 15.5	— 3.102	+1.033	2	20.6	72 2067
3432	3244	8.2	24 39.12	6.3428	.0380	68 0 38.5	3.079	0.915	2-3	21.6	67 3337
3433	3245	9.0	24 40.27	6.2381	.0361	67 21 20.3	3.078	.900	2	20.0	67 3338
3434	3243	8.9	24 41.57	6.5599	.0419	69 15 34.7	3.076	.946	4-5	22.6-22.4	69 2735
3435	3246	(8.4)	25 38.80	6.6888	.0432	69 55 37.3	2.993	.965	2	21.7	69 2736
3436	3248	8.9	17 25 49.54*	+6.4637	+0.0388	−68 42 30.3	— 2.978	+0.933	2	20.6	68 2921
3437	3247	8.9	26 10.04	7.0726	.0499	71 42 48.5	2.948	1.021	3	21.3	71 2156
3438	3250	8.8	26 16.10	6.1890	.0337	67 0 49.4	2.940	0.894	2	19.6	66 3121
3439	3249	8.9	26 31.49	6.7705	.0436	70 19 33.3	2.918	.978	3	21.6	70 2390
3440	—	8.4	26 36.59	6.0361	.0309	65 57 15.6	2.910	.872	2	21.1	65 3458
3441	3251	9.1	17 27 8.10	+6.9582	+0.0463	−71 12 4.3	— 2.865	+1.005	2-3	20.1-19.9	71 2159
3442	3252	8.6	27 46.70	6.3939	.0354	68 16 38.5	2.809	0.924	2	20.5	68 2922
3443	3253	8.8	27 51.21	6.1658	.0317	66 50 19.6	2.802	.891	2	21.6	66 3123
3444	3255	7.9	28 23.04*	6.1631	.0312	66 48 49.4	2.757	.891	3	21.6	66 3124
3445	—	7.5	28 43.21	6.0389	.0290	65 56 49.8	2.727	.874	3	21.6	65 3465
3446	3254	8.8	17 28 51.95	+6.9834	+0.0443	−71 17 44.2	— 2.715	+1.010	2	20.0	71 2161
3447	3257	8.8	29 18.30	6.2762	.0320	67 32 19.0	2.677	0.908	3	21.6	67 3341
3448	3259	8.8	29 19.49	6.0631	.0288	66 6 43.9	2.675	.877	2	19.6	66 3126
3449	3256	8.7	29 32.64	6.8019	.0402	70 26 42.6	2.656	.984	4	20.0	70 2395
3450	3258	9.1	29 35.18	6.4966	.0351	68 51 1.2	2.652	.940	2	20.6	68 2923

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3451	3262	7.8	17h29m46ṣ13	+6ṣ1156	+0ṣ0292	—66°28′24″.6*	— 2″.636	+0″.885	2	21.1	66°3127
3452	—	8.6	29 48.51	7.1708	.0463	72 5 10.2	2.633	1.037	3	21.3	72 2079
3453	3261	8.7	29 49.05	6.3719	.0329	68 7 20.1	2.632	0.922	3	21.6	68 2924
3454	3260	8.5	29 52.53	6.5706	.0359	69 15 20.5	2.627	.951	2	21.6	69 2743
3455	3264	7.5	30 22.11	6.4327	.0332	68 28 32.1	2.585	.931	2	20.0	68 2925
3456	3263	7.9	17 30 30.01	+6.8462	+0.0396	—70 38 53.9	— 2.573	+0.991	4	21.6	70 2397
3457	3266	8.9	30 35.96	6.0695	.0277	66 8 27.0	2.564	.878	2	20.5	66 3129
3458	3265	(8.8)	31 7.63	6.8605	.0390	70 42 34.9	2.519	.993	3	21.6	70 2399
3459	3267	8.9	31 11.90	6.1435	.0282	66 38 52.0*	2.512	.890	3	21.6	66 3130
3460	3268	8.4	31 47.03	6.3752	.0308	68 7 12.5*	2.462	.923	2	20.5	68 2928
3461	3269	8.7	17 32 14.81	+6.7716	+0.0361	—70 16 11.6	— 2.421	+0.981	2	20.6	70 2401
3462	3270	8.8	32 22.43	6.5469	.0326	69 6 1.1	2.411	.948	3	21.3	69 2748
3463	3271	8.9	32 41.60	6.6500	.0337	69 38 57.0	2.383	.964	2	20.5	69 2749
3464	3273	7.0	32 49.61	6.3262	.0290	67 48 41.6	2.371	.917	4	19.6	67 3343
3465	3272	8.9	33 13.94	6.8454	.0359	70 37 5.6	2.336	.992	2	21.1	70 2405
3466	3274	7.5	17 34 2.09	+6.5279	+0.0304	—68 58 45.1	— 2.266	+0.946	2	21.6	68 2931
3467	3275	9.1	34 26.58	6.8936	.0350	70 50 0.7	2.231	1.000	4	21.8	70 2407
3468	3277	8.9	34 43.80	6.5112	.0294	68 52 45.0	2.206	0.944	2-3	21.7-21.6	68 2932
3469	3276	8.8	34 51.66*	7.0275	.0364	71 26 3.2	2.194	1.019	3	21.6	71 2165
3470	—	6.5	35 18.13	7.2074	.0384	72 11 11.9	2.156	1.045	2-3	21.6	72 2086
3471	3278	8.8	17 35 18.78*	+6.5153	+0.0287	—68 53 48.9	— 2.155	+0.945	2	19.6	68 2933
3472	3279	8.6	35 38.68	6.7644	.0316	70 12 14.9	2.126	.981	2-3	21.6	70 2408
3473	3281	8.8	35 59.66	6.5804	.0288	69 14 54.6	2.096	.955	2	20.5	69 2751
3474	3283	7.7	35 59.80	6.2601	.0249	67 21 56.4	2.096	.908	2	19.6	67 3348
3475	3284	8.5	36 1.12	6.1694	.0238	66 46 17.8	2.094	.895	2	20.6	66 3133
3476	3282	8.4	17 36 1.12	+6.5343	+0.0282	—68 59 45.3	— 2.094	+0.948	2	20.5	68 2935
3477	3280	9.0	36 5.33	6.7227	.0305	69 59 29.8	2.088	.975	3	21.7	69 2750
3478	3285	8.7	36 26.41	6.6806	.0295	69 46 26.6	2.057	.970	2	20.0	69 2752
3479	3287	8.6	37 13.34	6.2198	.0232	67 5 39.9	1.989	.903	3	21.3	67 3351
3480	3286	9.0	37 23.00	7.0794	.0334	71 38 20.2	1.975	1.028	2	21.1	71 2168
3481	3288	7.5	17 37 38.06	+6.4690	+0.0255	—68 36 52.3	— 1.953	+0.939	2	21.6	68 2936
3482	—	9.0	37 55.44	6.7953	.0290	70 20 14.1	1.928	.987	2	21.6	70 2410
3483	3289	8.3	37 55.90	6.7882	.0289	70 18 8.8	1.927	.986	3	21.6	70 2411
3484	3290	(9.0)	38 4.05	6.7930	.0288	70 19 29.2	1.915	.986	1	21.6	70 2412
3485	3291	9.0	39 23.52	7.1080	.0308	71 44 46.1	1.800	1.033	2	20.5	71 2171
3486	3292	8.2	17 39 50.21	+6.6388	+0.0248	—69 31 49.2	— 1.761	+0.965	3	21.3	69 2754
3487	3293	9.3	39 52.08	6.5096	.0234	68 49 37.4*	1.759	.946	2	21.1	68 2940
3488	3296	8.8	40 11.86	6.5149	.0231	68 51 15.5	1.730	.947	2	21.6	68 2941
3489	3298	8.4	40 13.86	6.2639	.0206	67 21 15.0	1.727	.910	2-3	20.6	67 3356
3490	3295	8.0	40 14.13	6.7114	.0251	69 54 8.3	1.727	.975	3	21.6	69 2755
3491	3297	9.0	17 40 19.93	+6.5746	+0.0236	—69 10 58.4	— 1.718	+0.956	2	20.5	69 2756
3492	3299	8.2	40 21.88	6.3136	.0209	67 39 55.7	1.715	.918	2-3	21.6	67 3358
3493	3294	7.5	40 24.87	6.9544	.0275	71 4 3.4	1.711	1.011	2-3	21.6	71 2173
3494	3301	8.1	40 29.06	6.0881	.0187	66 10 32.1	1.705	0.885	3	21.6	66 3136
3495	3300	9.1	40 37.02	6.3058	.0206	67 36 55.2	1.693	.917	4	20.0	67 3360
3496	3303	8.5	17 41 11.03	+6.6773	+0.0236	—69 43 17.3	— 1.644	+0.971	2	20.6	69 2758
3497	3302	8.7	41 20.02	7.0041	.0268	71 17 3.8	1.631	1.018	2	21.0	71 2179
3498	3305	9.0	41 34.04	6.4153	.0206	68 16 21.1	1.610	0.933	4	20.4	68 2950
3499	3304	8.7	41 44.49	6.8717	.0248	70 40 38.5	1.595	.999	2-3	22.6-22.2	70 2421
3500	3306	8.9	41 46.37	6.3104	.0194	67 38 8.7	1.593	.918	3	21.6	67 3366

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3501	3307	9.0	17h42m12s.64	+6s.5376	+0s.0210	−68°58′ 2″.1	— 1″.554	+0″.951	2-3	22.6-22.2	68°2953
3502	3308	8.7	42 16.56	6.1772	.0178	66 46 22.2	1.549	.898	3	21.6	66 3137
3503	3309	8.8	42 27.75	6.3825	.0193	68 4 16.1	1.532	.928	3	21.7	68 2955
3504	3311	8.5	42 38.89	6.3999	.0193	68 10 27.2	1.516	.931	2	19.6	68 2956
3505	3314	8.9	42 54.53	6.2293	.0176	67 6 41.7	1.494	.906	3	21.6	67 3372
3506	3313	9.2	17 42 55.01*	+6.3086	+0.0182	−67 36 58.9	— 1.493	+0.918	3	20.2	67 3371
3507	3310	9.0	43 9.50	7.0948	.0250	71 40 2.4	1.472	1.032	2	20.6	71 2182
3508	3312	8.3	43 12.59	6.7142	.0214	69 53 51.2	1.467	0.977	2	20.5	69 2765
3509	3315	8.9	43 36.11	6.9780	.0233	71 9 16.6	1.433	1 015	2	21.0	71 2186
3510	3316	8.9	43 47.18	6.7346	.0208	69 59 51.1	1.417	0.980	2	21.1	69 2768
3511	3317	7.7	17 43 47.31	+6.3045	+0.0173	- 67 35 6.8	— 1.417	+0.917	2	21.6	67 3373
3512	3320	9.0	44 9.29	6.3239	.0171	67 42 14.2	1.385	.920	3	21.6	67 3376
3513	3319	9.0	44 17.45	6.7027	.0199	69 49 57.6	1.373	.975	2	19.6	69 2770
3514	3318	8.6	44 22.88	6.9424	.0219	70 59 23.1	1.365	1.010	3	20.5	70 2428
3515	3321	8.9	44 23.63	6.5473	.0185	69 0 27.8	1.364	0.953	2-3	20.0-20.6	68 2963
3516	3322	8.9	17 44 26.32	+6.3970	+0.0173	−68 8 45.5	— 1.360	+0.931	3	21.0	68 2966
3517	3323	9.0	44 48.99*	6.4027	.0169	68 10 38.8	1.327	.932	2	21.6	68 2967
3518	3325	8.8	45 24.42	6.1729	.0147	66 43 23.5	1.275	.898	2	21.6	66 3145
3519	3324	9.0	45 26.97	6.5528	.0174	69 1 54.5*	1.272	.954	3	21.6	69 2776
3520	—	9.0	45 46.59	6.0706	.0137	66 0 56.6	1.243	.884	1	23.6	65 3504
3521	3330	9.1	17 46 9.45	+6.2475	+0.0144	−67 12 37.2	— 1.210	+0.910	2	20.6	67 3391
3522	3328	7.8	46 18.45	6.4836	.0145	68 38 23.7	1.197	.944	2	21.0	68 2974
3523	3327	8.5	46 28.37	6.8292	.0181	70 26 54.8	1.182	.994	3	21.3	70 2436
3524	3326	8.5	46 36.02	7.1728	.0206	71 58 37.5	1.171	1.044	2	21.1	71 2200
3525	—	8.6	46 39.09	6.0509	.0128	65 52 11.7	1.167	0.881	2	21.6	65 3511
3526	3332	8.5	17 46 49.74*	+6.0809	+0.0128	−66 4 57.7	1.151	+0.885	2	21.1	66 3152
3527	3329	8.4	46 52.59	7.1501	.0200	71 52 53.0	1.147	1.041	3	21.6	71 2201
3528	3334	8.7	47 10.76*	6.2232	.0133	67 2 48.0	1.121	0.906	2	21.6	67 3396
3529	3331	8.4	47 17.39*	6.8440	.0171	70 30 56.5	1.111	.997	2	21.6	70 2438
3530	3335	(8.9)	47 26.20	6.4633	.0145	68 31 5.8	1.098	.941	1	19.6	68 2977
3531	3333	(8.7)	17 47 42.43	+7.0758	+0.0182	−71 33 52.5	— 1.075	+1.030	2	20.6	71 2207
3532	—	(9.0)	47 53.37	6.0600	.0117	65 55 44.5	1.059	0.883	1	23.6	65 3522
3533	3336	8.8	48 12.72	7.1351	.0178	71 48 50.2	1.030	1.039	2	20.5	71 2211
3534	3341	7.8	48 17.00	6.2532	.0123	67 14 8.8	1.024	0.911	2	20.6	67 3404
3535	3339	9.0	48 17.45	6.4399	.0134	68 22 43.5	1.023	.938	2	19.6	68 2983
3536	3342	9.2	17 48 21.16	+6.3080	+0.0126	−67 34 57.5	— 1.018	+0.919	2	21.0	67 3405
3537	3337	7.6	48 34.73	6.9664	.0162	71 4 44.5	0.998	1.015	2	21.1	71 2215
3538	3343	8.5	48 44.89	6.7702	.0147	70 9 4.0	0.984	0.986	3	21.6	70 2445
3539	3338	8.9	48 45.46	7.0010	.0162	71 14 0.8	0.983	1.020	3-4	21.7-21.6	71 2216
3540	3340	9.0	48 46.00	6.9992	.0161	71 13 32.0	0.982	1.020	2	22.6	71 2217
3541	3344	8.9	17 49 2.10	+6.7488	+0.0143	−70 2 36.6*	— 0.959	+0.983	3	21.6	70 2446
3542	3345	(8.9)	49 18.94	6.5036	.0126	68 44 22.8	0.934	.947	2	20.5	68 2988
3543	3349	8.8	49 28.75	6.0974	.0104	66 11 10.7	0.920	.888	3	20.6	66 3167
3544	3347	9.1	49 33.94	6.4228	.0119	68 16 25.5	0.912	.936	3	19.9	68 2991
3545	3348	8.6	49 44.50	6.5089	.0121	68 46 4.5	0.897	.948	2	21.6	68 2992
3546	—	8.9	17 49 48.11	+6.0543	+0.0101	−65 52 43.6	— 0.892	+0.883	3	21.6	65 3534
3547	3346	8.8	49 56.85	7.1191	.0151	71 44 26.3	0.879	1.037	3	19.9	71 2223
3548	—	8.4	50 26.85	7.2235	.0150	72 10 7.6	0.835	1.052	2	20.5	72 2139
3549	3350	8.6	51 3.43*	6.7801	.0118	70 11 31.2	0.782	0.988	3	19.9	70 2452
3550	3352	8.7	51 29.57	6.5703	.0104	69 6 8.0	0.744	.957	3	21.3	69 2799

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec	N° Obs.	Ep.	C. P. D.
3551	3355	8.0	17h51m39s.45	+6s.4037	+0s.0095	−68° 9′12″.1	— 0″.729	+0″.933	2	21.6	68°3001
3552	3351	9.1	51 44.00	6.8980	.0115	70 45 19.3	0.723	1.005	2	21.7	70 2456
3553	3356	8.8	51 49.10	6.2475	.0087	67 11 8.4	0.715	0.910	2	20.5	67 3421
3554	3353	8.6	51 57.70	6.8053	.0108	70 18 46.1	0.703	0.992	3	21.6	70 2458
3555	3354	8.7	52 1.74	6.8628	.0109	70 35 20.0	0.697	1.000	2-3	21.6	70 2459
3556	3357	8.8	17 52 2.17	+6.0782	+0.0079	−66 2 27.5	− 0.696	+0.886	2	21.6	66 3181
3557	3359	8.3	52 51.63	6.5941	.0088	69 13 39.5	0.624	.961	2	20.0	69 2804
3558	3364	8.9	52 59.67	6.1846	.0074	66 46 9.7	0.613	.901	2	19.6	66 3187
3559	3365	9.0	53 0.15	6.1616	.0073	66 36 54.1	0.612	.898	2	19.6	66 3188
3560	3358	8.4	53 3.53	7.0247	.0101	71 19 31.4	0.607	1.024	3	21.6	71 2234
3561	3360	8.9	17 53 3.94	+6.6640	+0.0088	−69 35 52.8	− 0.607	+0.971	2	20.5	69 2805
3562	3362	8.9	53 21.83	6.7505	.0088	70 2 18.2	0.580	.984	4	22.4	70 2466
3563	3363	9.4	53 29.98	6.8494	.0089	70 31 15.4	0.568	0.998	3	21.3	70 2467
3564	3361	8.8	53 33.79	7.0548	.0095	71 27 21.2	0.563	1.028	2	21.1	71 2236
3565	3366	8.9	53 43.10	6.8841	.0087	70 41 6.1	0.549	1.003	2	21.6	70 2469
3566	3368	9.0	17 53 44.75	+6.5410	+0.0076	−68 56 5.4	− 0.547	+0.953	3	19.9	68 3010
3567	3369	9.0	53 53.41	6.6136	.0077	69 19 48.5	0.534	.964	3	21.6	69 2811
3568	3367	8.7	53 57.86	6.8265	.0082	70 24 37.9	0.528	.995	3	21.6	70 2470
3569	3371	8.7	54 3.47	6.1393	.0062	66 27 37.1	0.520	0.895	3	21.6	66 3198
3570	—	8.0	54 4.05	7.2098	.0093	72 6 16.5	0.519	1.051	2	21.6	72 2156
3571	3372	9.0	17 54 22.07	+6.1282	+0.0059	−66 23 2.0	− 0.493	+0.893	2	20.1	66 3202
3572	3370	9.0	54 28.34	6.8419	.0076	70 29 0.7	0.483	.997	2	19.6	70 2473
3573	—	9.0	54 32.87	6.0741	.0056	66 0 17.4	0.477	.886	2	20.5	65 3567
3574	3374	8.9	54 52.28	6.6042	.0065	69 16 39.4	0.449	.963	3	22.6	69 2813
3575	3376	8.4	54 54.08	6.3078	.0058	67 33 36.9	0.446	.920	2	20.5	67 3433
3576	3378	7.9	17 54 57.18	+6.3548	+0.0058	−67 51 1.1	− 0.441	+0.926	2	20.0	67 3434
3577	3373	9.1	55 4.67	6.9592	.0071	71 1 45.4	0.430	1.014	3	21.3	71 2249
3578	3380	8.6	55 8.17*	6.0869	.0051	66 5 40.9	0.425	0.887	2	21.6	66 3206
3579	3377	9.2	55 11.50	6.6368	.0062	69 27 3.1	0.421	0.967	2	21.1	69 2815
3580	3375	8.7	55 23.27	6.9656	.0066	71 3 25.6	0.403	1.015	3	21.6	71 2243
3581	3379	8.9	17 55 39.79	+7.1210	+0.0066	−71 44 5.7	− 0.379	+1.038	3	21.6	71 2244
3582	3382	7.5	55 52.10	6.1511	.0043	66 32 14.4	0.361	0.897	2	21.6	66 3211
3583	3381	9.0	56 14.39	6.6657	.0049	69 36 2.7	0.329	.972	3	21.6	69 2817
3584	3383	8.9	56 16.43	6.4327	.0045	68 18 50.1	0.326	.938	3	20.6	68 3025
3585	3384	9.0	56 20.60	6.4409	.0045	68 21 40.5	0.320	.939	4	19.6	68 3026
3586	3386	9.0	17 56 45.40	+6.3455	+0.0039	−67 47 26.1	− 0.284	+0.925	2	20.5	67 3446
3587	3387	8.7	57 3.21	6.6422	.0039	69 28 35.4	0.258	.968	2	20.6	69 2821
3588	3385	8.5	57 7.16	6.7808	.0040	70 13 55.5	0.252	0.990	3	21.3	70 2483
3589	3388	8.8	57 27.04	6.9846	.0038	71 8 25.6	0.223	1.018	2	21.1	71 2250
3590	3389	8.8	57 58.56	6.7277	.0029	69 55 1.8	0.177	0.981	2	20.5	69 2825
3591	3390	8.8	17 58 6.90	+6.2938	+0.0024	−67 28 5.6	− 0.165	+0.917	2	20.0	67 3451
3592	3391	9.1	58 38.36	6.3280	.0019	67 40 53.8	0.119	.922	2	20.1	67 3453
3593	3392	9.0	59 9.14	6.3048	.0013	67 32 11.9	0.074	.919	2	21.6	67 3457
3594	3393	9.1	59 24.19	6.4892	.0011	68 38 13.2	0.052	.946	2	19.6	68 3040
3595	3394	8.7	59 28.17	6.3517	.0010	67 49 36.4	0.046	.926	3	21.6	67 3460
3596	—	9.0	17 59 33.36	+6.0707	+0.0010	−65 58 31.0	— 0.039	+0.886	2	21.6	65 3594
3597	3395	9.0	18 0 6.90	6.8005	+ .0001	70 16 41.4	+ 0.010	.991	2	20.5	70 2492
3598	3396	8.2	0 18.76	6.7585	− .0001	70 5 15.6	0.027	0.985	3	20.9	70 2493
3599	3397	8.2	1 1.85	7.1026	.0014	71 39 15.8*	0.090	1.035	3	21.6	71 2257
3600	3398	9.0	1 19.34	6.9811	.0016	71 7 26.7	0.116	1.018	2	20.6	71 2259

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3601	—	9.2	18h 1m23s.23	+7s.1968	−0s.0020	−72° 2′46″.7	+ 0″.121	+1″.049	3	21.7	72°2184
3602	3399	9.1	1 33.03	6.8856	.0018	70 41 8.3	0.136	1.004	2	21.6	70 2494
3603	3400	8.8	1 53.08	6.8035	.0022	70 17 36.0	0.165	0.992	3	21.7	70 2496
3604	3402	8.1	2 23.05	6.1647	.0018	66 37 38.3	0.209	.898	3	20.9	66 3248
3605	3401	9.0	2 46.42	6.8301	.0034	70 25 21.8	0.243	.995	3	21.3	70 2498
3606	3403	8.8	18 3 13.03	+6.9629	−0.0043	−71 2 34.8	+ 0.281	+1.015	3	21.0	71 2263
3607	3405	8.8	3 17.90	6.8109	.0040	70 19 50.0	0.288	0.993	2	20.6	70 2502
3608	3404	9.1	3 18.72	7.0445	.0046	71 24 21.1*	0.290	1.027	2-3	21.2-21.0	71 2264
3609	3406	8.9	3 27.76	6.1331	.0027	66 24 47.5	0.303	0.894	3	19.6	66 3254
3610	3409	8.9	3 43.02	6.1835	.0031	66 45 17.9	0.325	.901	2	19.7	66 3255
3611	3408	8.8	18 4 2.91	+6.7975	−0.0050	−70 15 58.7*	+ 0.354	+0.991	2	20.7	70 2503
3612	3407	8.8	4 16.13	7.0862	.0061	71 35 13.8	0.373	1.032	3	21.6	71 2268
3613	3410	8.8	4 28.23	6.7314	.0053	69 56 18.1	0.391	0.981	3	21.7	69 2840
3614	3411	9.1	4 42.82	6.9453	.0063	70 57 55.5	0.412	1.012	3	21.6	70 2504
3615	3412	8.9	4 50.03	6.4866	.0050	68 37 36.4	0.423	0.945	3	20.9	68 3065
3616	3413	9.2	18 5 31.13	+6.9587	−0.0075	−71 1 39.1	+ 0.483	+1.014	3	20.9	71 2272
3617	3415	8.7	5 31.94	6.3506	.0054	67 49 32.4	0.484	0.925	3	21.0	67 3481
3618	3414	7.3	5 46.47	6.9023	.0076	70 46 8.8	0.505	1.006	3	19.6	70 2507
3619	3416	9.2	6 1.00	6.9664	.0082	71 3 47.9	0.526	1.015	2	19.7	71 2274
3620	3419	8.7	6 8.01	6.3489	.0060	67 48 58.6	0.536	0.925	3	21.0	67 3483
3621	3417	8.9	18 6 12.75	+6.6449	−0.0072	−69 29 46.1	+ 0.543	+0.968	2	20.6	69 2847
3622	3418	8.9	6 21.10	6.6957	.0076	69 45 36.7	0.555	.975	2	20.7	69 2848
3623	3421	8.8	6 46.47	6.1755	.0060	66 42 29.9	0.593	.900	3	21.6	66 3274
3624	—	8.8	6 48.66	6.0528	.0057	65 51 25.3	0.596	0.882	3	21.6	65 3637
3625	3420	9.0	6 56.50	6.8848	.0091	70 41 22.6	0.607	1.003	3	20.9	70 2513
3626	3423	7.6	18 7 5.74	+6.1944	−0.0064	−66 50 5.8	+ 0.620	+0.902	3	20.9	66 3280
3627	3426	8.8	7 25.13	6.1945	.0067	66 50 11.1	0.649	.902	3	21.0	66 3281
3628	3424	9.0	7 28.81	6.4255	.0078	68 16 44.8	0.654	0.936	3	21.3	68 3073
3629	3422	8.3	7 34.58	6.8794	.0100	70 39 58.1	0.662	1.002	2	20.6	70 2516
3630	3427	8.8	7 43.70	6.1085	.0067	66 15 12.0	0.676	0.890	3	21.0	66 3284
3631	3425	8.7	18 7 51.24	+6.7643	−0.0098	−70 6 37.5	+ 0.687	+0.985	2	19.7	70 2518
3632	3431	8.9	8 44.43	6.3248	.0087	67 40 33.0	0.764	.921	3	20.3-21.0	67 3501
3633	3432	9.1	8 52.01	6.4148	.0092	68 13 15.4	0.775	.934	3	20.9	68 3076
3634	3430	9.0	8 52.63	6.5277	.0098	68 52 6.4	0.776	.951	3	21.7	68 3075
3635	3429	8.8	8 54.95	6.7118	.0109	69 50 59.2	0.780	.977	3	21.6	69 2856
3636	3428	9.0	18 9 2.46	+6.9587	−0.0124	−71 2 10.8	+ 0.791	+1.013	3	20.9	71 2284
3637	3433	8.9	9 31.29	6.7046	.0116	69 48 55.3	0.833	0.976	2-3	21.7-21.4	69 2858
3638	3436	8.2	9 54.49	6.3589	.0101	67 53 22.5	0.866	.926	3	21.7	67 3507
3639	3437	6.8	9 59.63	6.4198	.0105	68 15 15.7	0.874	.935	2	20.7	68 3081
3640	3438	8.0	10 0.57	6.2771	.0097	67 22 53.2	0.875	.914	2	20.6	67 3508
3641	3434	8.8	18 10 1.01	+6.8977	−0.0134	−70 45 31.3	+ 0.876	+1.004	1	21.7	70 2522
3642	3435	9.0	10 10.40	7.0338	.0145	71 22 28.0	0.889	1.024	3	21.6	71 2287
3643	3439	9.0	10 19.16	6.6227	.0121	69 23 27.6	0.902	0.964	3	21.6	69 2859
3644	3440	8.0	10 26.93	6.6671	.0125	69 37 30.2	0.913	.970	3	19.6	69 2860
3645	3441	9.0	11 21.07	6.7680	.0143	70 8 26.2	0.992	.985	3	20.8	70 2526
3646	3442	8.5	18 11 22.95	+6.7644	−0.0143	−70 7 23.7	+ 0.995	+0.984	2	21.2	70 2527
3647	3444	8.5	11 29.64	6.2721	.0112	67 21 21.5	1.005	0.913	3	21.0	67 3510
3648	3443	8.4	11 42.74	7.1686	.0177	71 57 8.5	1.024	1.043	4	21.2	71 2291
3649	3446	7.5	12 4.92	6.1689	.0112	66 41 0.6	1.056	0.898	2	20.7	66 3301
3650	3445	9.3	12 8.90	6.5274	.0136	68 52 46.8	1.062	.950	2	20.6	68 3086

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3651	3447	9.0	18h12m13s.00	+6s.1368	−0s.0111	−66°27′59″.0	+ 1″.068	+0″.893	3	19.6	66°3303
3652	3448	9.0	12 37.59	6.4795	.0138	68 36 41.9	1.104	.943	3	21.6	68 3088
3653	3449	9.1	12 56.44	6.4168	.0137	68 14 57.1	1.131	.933	3	21.6	68 3090
3654	3451	9.1	13 0.03	6.0984	.0116	66 12 16.0	1.136	.887	3	20.9	66 3310
3655	3450	8.9	13 13.12*	6.5421	.0124	68 57 58.2	1.155	.952	2	19.7	68 3092
3656	3452	9.0	18 13 42.26	+6.0695	−0.0120	−66 0 15.5	+ 1.198	+0.883	3	21.3	66 3317
3657	3453	9.0	14 24.98	6.3778	.0150	68 1 27.9	1.260	.927	3	21.6	68 3096
3658	3454	9.3	14 36.21	6.5850	.0169	69 12 27.9	1.276	.957	2	21.1	69 2872
3659	3456	9.0	14 52.55	6.6476	.0178	69 32 34.4	1.300	.966	3	21.0	69 2873
3660	3458	8.6	14 53.89	6.0876	.0133	66 8 20.5	1.302	.885	2	21.2	66 3321
3661	3455	9.2	18 15 1.75	+6.9643	−0.0208	−71 5 7.9	+ 1.314	+1.012	2	20.7	71 2297
3662	3457	9.2	15 6.03	6.8152	.0196	70 23 21.0	1.320	0.991	2-3	21.6	70 2536
3663	3459	7.9	15 8.74	6.2395	.0147	67 9 55.1	1.324	.907	3	19.6	67 3519
3664	3460	8.8	15 44.92	6.4366	.0170	68 22 49.9	1.376	.935	3	20.9	68 3100
3665	3461	8.9	16 18.08	6.4948	.0181	68 43 5.0	1.425	.944	3	20.9	68 3102
3666	3462	9.0	18 16 37.94*	+6.5443	−0.0190	−68 59 48.7	+ 1.453	+0.951	2-3	21.0-20.9	69 2879
3667	3463	8.8	16 43.52	6.2007	.0159	66 55 17.7	1.461	.901	3	21.0	66 3331
3668	3465	8.6	16 51.71	6.2913	.0168	67 30 24.3	1.473	.914	3	21.7	67 3532
3669	3464	8.8	16 58.26	6.4468	.0184	68 26 49.8	1.483	.937	3	21.0	68 3106
3670	3469	9.0	17 27.35	6.4437	.0189	68 25 56.6	1.525	.936	2	20.7	68 3108
3671	3467	8.9	18 17 28.37	+6.8535	−0.0231	−70 35 8.4	+ 1.527	+0.995	3	19.6	70 2544
3672	3466	8.2	17 36.92	7.1315	.0263	71 49 35.1	1.539	1.036	3	21.6	71 2299
3673	3468	8.6	17 54.71	7.0363	.0257	71 25 16.0	1.565	1.022	3	21.6	71 2301
3674	3470	7.9	18 9.44	6.6451	.0218	69 32 58.0	1.586	0.965	3	20.9	69 2884
3675	3473	8.9	18 19.96	6.1653	.0172	66 41 49.5	1.602	.895	2-3	20.7-20.3	66 3339
3676	3472	8.6	18 18 28.84	+6.3762	−0.0194	−68 2 26.9	+ 1.615	+0.926	3	21.0	68 3111
3677	3474	8.9	18 34.77	6.4553	.0203	68 30 24.5	1.623	.937	3	21.0	68 3112
3678	3471	8.8	18 37.53	7.1548	.0281	71 55 46.2	1.627	1.039	3	20.9	71 2305
3679	3475	7.9	18 47 26	6.6203	.0222	69 25 20.8	1.641	0.961	2	20.6	69 2886
3680	3476	9.0	19 5.36	6.8538	.0252	70 35 50.5	1.668	.995	2-3	21.2-21.0	70 2549
3681	3477	9.1	18 19 8.29	+6.4882	−0.0213	−68 41 56.7	+ 1.672	+0.942	2-3	21.6	68 3115
3682	3479	8.9	19 17.55	6.1003	.0175	66 15 31.0	1.686	.885	3	21.6	66 3344
3683	3480	8.8	19 40.09	6.4743	.0217	68 37 25.7	1.718	0.940	3	20.9	68 3116
3684	3478	7.9	19 44.14	7.1286	.0294	71 49 36.3	1.724	1.034	3	19.6	71 2309
3685	3482	8.3	19 52.19	6.6067	.0234	69 21 27.4	1.736	0.959	2	20.6	69 2889
3686	3481	9.0	18 20 7.54	+6.9931	−0.0283	−71 14 41.3	+ 1.758	+1.015	3	21.7	71 2311
3687	3484	9.0	20 26.26	6.1344	.0189	66 30 11.9	1.785	0.890	2	19.7	66 3353
3688	3483	8.4	20 53.60	7.0609	.0303	71 32 48.6	1.825	1.024	3	20.9	71 2314
3689	3485	8.7	21 14.29*	6.9628	.0295	71 7 0.2	1.855	1.010	3	21.0	71 2315
3690	3487	8.4	21 21.58	6.5231	.0242	68 54 45.2	1.866	0.946	3	21.0	68 3121
3691	3488	8.9	18 21 41.18	+6.3022	−0.0220	−67 36 38.5	+ 1.894	+0.914	2	21.7	67 3548
3692	3486	9.1	21 49.56	7.1290	.0326	71 50 34.0	1.906	1.034	2-3	21.1-21.0	71 2317
3693	3489	8.4	21 56.75	6.5170	.0248	68 52 58.1	1.917	0.945	2	20.7	68 3125
3694	3490	8.8	22 0.71*	6.4273	.0238	68 22 12.9	1.922	0.932	2-3	21.6	68 3126
3695	3491	8.8	22 1.00	6.1892	.0210	66 53 9.2	1.923	0.897	3	21.6	66 3358
3696	3493	8.0	18 22 38.97	+6.2031	−0.0218	−66 59 1.1	+ 1.978	+0.899	3	19.6	67 3553
3697	3492	8.6	22 44.36	6.6787	.0278	69 45 27.4	1.986	.968	3	20.9	69 2894
3698	3495	9.1	23 24.37*	6.3253	.0241	67 46 8.8	2.044	.916	3	20.3	67 3555
3699	3494	9.3	23 24.37	6.4907	.0262	68 44 47.8	2.044	.940	3	20.9	68 3131
3700	3497	8.0	23 35.69	6.3636	.0247	68 0 18.5*	2.060	.922	2	20.7	68 3134

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3701	3499	8.5	18h23m38s.55	+6s.1291	−0s.0219	−66°29′44″.9	+ 2″.064	+0″.888	2	20.6	66°3363
3702	3498	8.8	23 47.39	6.3228	.0244	67 45 26.2	2.077	.916	2	21.7	67 3556
3703	3496	8.8	23 59.09	6.8514	.0318	70 37 20.8	2.094	.992	2-3	21.7-21.6	70 2554
3704	3500	8.4	24 3.20	6.4287	.0261	68 23 45.5	2.100	.941	3	21.6	68 3136
3705	3502	8.9	24 15.82	6.6242	.0289	69 29 9.2	2.118	.959	3	20.9	69 2896
3706	3501	8.8	18 24 23.18	+6.7541	−0.0309	−70 9 11.8	+ 2.129	+0.978	3	19.6	70 2555
3707	3503	7.5	24 54.47	7.1185	.0371	71 49 19.4	2.174	1.031	3	20.9	71 2326
3708	3504	8.8	25 26.00	7.0255	.0358	71 25 40.3	2.220	1.017	3	21.0	71 2329
3709	3506	8.7	25 37.45	6.3363	.0266	67 51 28.8	2.237	0.917	3	21.7	67 3562
3710	3505	8.8	25 55.37	6.7124	.0323	69 57 26.9	2.262	.971	2-3	20.7-21.0	69 2903
3711	3508	8.4	18 26 11.10	+6.5110	−0.0296	−68 53 12.5	+ 2.285	+0.942	2	20.6	68 3143
3712	3507	7.7	26 18.19	7.0125	.0375	71 22 41.6	2.296	1.014	2	20.7	71 2330
3713	3511	7.1	26 37.30	6.1014	.0244	66 20 3.8	2.323	0.882	3	21.6	66 3380
3714	—	8.9	26 56.03	7.1834	.0412	72 6 27.3	2.350	1.039	2-3	21.6	72 2269
3715	3509	9.0	26 58.76	7.0002	.0382	71 19 32.3*	2.354	.012	2-3	21.1-20.9	71 2333
3716	3510	9.1	18 27 7.73	+6.9186	−0.0371	−70 57 47.6	+ 2.367	+1.001	3	20.9	70 2559
3717	3513	9.0	27 7.95	6.5979	.0320	69 22 19.2	2.368	0.954	3	21.0	69 2909
3718	3514	8.9	27 9.62	6.0544	.0242	66 0 30.7	2.370	.875	2	19.7	66 3381
3719	3512	8.7	27 14.26	6.7175	.0254	69 59 43.9	2.378	.971	2-3	20.7-21.0	70 2561
3720	3515	8.7	27 24.28	6.2906	.0278	67 35 32.7	2.391	.909	3	19.6	67 3574
3721	3516	8.7	18 27 28.73	+6.0854	−0.0250	−66 13 54.6	+ 2.398	+0.880	2	20.6	66 3382
3722	3518	8.1	28 18.57	6.5528	.0327	69 8 22.0	2.470	0.947	3	21.6	69 2914
3723	3517	8.8	28 23.61	7.0132	.0405	71 24 2.7	2.477	1.013	2	20.7	71 2335
3724	3520	7.8	28 52.41	6.1881	.0278	66 56 51.0	2.519	0.894	3	21.6	66 3383
3725	—	8.4	28 56.76	7.1614	.0440	72 2 7.6	2.525	1.035	3	20.9	72 2277
3726	3519	8.6	18 29 2.79	+6.8315	−0.0383	−70 34 24.6	+ 2.534	+0.987	3	20.9	70 2565
3727	3522	9.0	29 30.86	6.7065	.0367	69 57 44.8	2.574	.968	3	21.3	69 2919
3728	3523	8.7	29 39.16	6.5331	.0340	69 2 43.0	2.586	0.944	3	21.0	69 2921
3729	3521	8.9	29 39.67	7.0026	.0421	71 21 56.4	2.587	1.011	2	19.7	71 2340
3730	3526	8.9	30 10.44	6.6335	.0363	69 35 32.4	2.631	0.958	3	19.6	69 2922
3731	3524	8.8	18 30 11.18	+6.9072	−0.0411	−70 56 25.9	+ 2.632	+0.997	2	20.6	70 2567
3732	3525	7.9	30 15.41	6.7720	.0388	70 17 51.7	2.639	.977	2	20.7	70 2568
3733	3527	7.3	30 33.52	6.8904	.0413	70 51 59.0	2.665	0.994	3	21.6	70 2570
3734	3528	8.9	31 8.21	7.0739	.0456	71 41 24.3	2.715	1.020	3	21.6	71 2345
3735	3529	8.8	31 30.82	6.9086	.0430	70 57 40.1	2.748	0.996	3	20.9	70 2572
3736	3530	8.7	18 31 40.84	+6.9738	−0.0445	−71 15 30.7	+ 2.762	+1.006	3	20.9	71 2350
3737	—	8.6	31 58.19	7.1793	.0490	72 8 18.0	2.787	1.035	3	21.0	72 2288
3738	—	8.1	32 15.51	6.0382	.0288	65 57 17.7	2.812	0.871	3	21.0	65 3746
3739	3532	9.0	32 31.87	6.2803	.0329	67 35 14.7	2.836	.905	3	19.6	67 3584
3740	3531	9.0	32 58.01	6.7919	.0427	70 25 28.6	2.873	.979	2	19.7	70 2573
3741	3533	8.2	18 32 59.94	+6.7848	−0.0426	−70 23 24.3	+ 2.876	+0.978	4-5	20.9	70 2574
3742	3534	8.9	33 33.10	6.6887	.0415	69 55 2.0	2.924	.963	3	21.7	69 2930
3743	3535	8.2	33 44.03	6.5347	.0388	69 6 6.0	2.940	.941	2	21.6	69 2931
3744	3538	8.6	34 0.16	6.5352	.0391	69 6 27.2	2.963	.941	3	20.9	69 2933
3745	3539	9.0	34 5.28	6.6389	.0412	69 39 57.8	2.970	.956	2-3	19.6	69 2934
3746	3537	(6.0)	18 34 16.68	+7.0209	−0.0492	−71 29 41.4	+ 2.987	+1.011	F	(21.2)	71 2353
3747	3541	8.3	34 27.62	6.5985	.0409	69 27 24.9	3.003	0.950	2	19.7	69 2935
3748	3540	8.1	34 27.68	6.9893	.0488	71 21 30.1	3.003	1.006	3	20.9	71 2354
3749	3542	9.0	35 16.10	7.0700	.0517	71 43 6.4	3.072	1.017	2	20.6	71 2355
3750	3543	9.0	35 21.59	6.3141	.0365	67 50 5.8	3.080	0.908	2	20.7	67 3588

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec	N° Obs.	Ep.	G. P. D.
3751	3544	8.9	18h35m24s.67	+6s.1516	−0s.0336	−66°47′12″.9	+ 3″.085	+0″.885	3	21.6	66°3385
3752	3545	8.4	35 51.85	6.5568	.0418	69 14 59.6	3.124	.943	3	21.6	69 2936
3753	3546	8.7	36 42.30	6.4398	.0402	68 36 14.9	3.197	.925	2-3	21.1-20.9	68 3159
3754	3547	9.0	37 13.01	6.1812	.0359	67 0 39.2	3.241	.888	3	19.6	67 3590
3755	3548	8.6	37 54.63	6.3231	.0394	67 55 34.7	3.301	.908	3	20.9	67 3592
3756	3549	8.8	18 38 7.10	+6.0444	−0.0342	−66 5 0.1	+ 3.319	+0.868	2	19.7	66 3390
3757	3550	8.1	38 58.73	6.7038	.0487	70 3 47.0	3.393	.962	3	21.0	70 2582
3758	3551	8.9	39 7.98	6.7088	.0490	70 5 25.9	3.406	.962	3	21.0	70 2583
3759	3552	9.1	40 5.96	6.0529	.0362	66 10 32.4	3.489	.867	3	19.6	66 3393
3760	3553	9.1	41 53.73	6.3185	.0436	67 57 33.1	3.644	.904	3	21.0	68 3165
3761	3554	9.1	18 42 3.35	+6.0704	−0.0384	−66 19 54.7	+ 3.658	+0.869	3	21.0	66 3396
3762	3555	8.0	42 10.69	6.2242	.0418	67 22 11.5	3.668	.890	5	20.0	67 3596
3763	3557	9.1	43 20.65	6.1443	.0412	66 51 44.3	3.768	.878	2	21.2	66 3397
3764	3556	8.9	43 26.18	6.3307	.0455	68 3 31.7	3.776	.905	3	21.6	68 3167
3765	3558	8.8	44 2.12	6.5365	.0510	69 15 29.6	3.828	.934	2	20.7	69 2942
3766	3559	8.3	18 44 35.58	+6.6749	−0.0552	−69 59 58.7	+ 3.876	+0.953	3	21.0	70 2587
3767	3561	8.9	45 23.43	6.5639	.0534	69 25 44.3	3.944	.936	2	20.6	69 2945
3768	3560	8.1	45 27.66	6.6566	.0558	69 55 10.7	3.950	.950	3	21.0	69 2944
3769	3562	8.2	45 36.43	6.4655	.0511	68 53 17.6	3.963	.922	2	20.7	68 3170
3770	3563	8.8	45 45.08	6.2763	.0467	67 45 43.7	3.975	.895	3	21.6	67 3599
3771	3564	7.9	18 46 57.19	+6.9072	−0.0646	−71 9 34.2*	+ 4.078	+0.984	3	21.0	71 2358
3772	3566	8.8	47 39.14	6.6423	.0582	69 52 53.4	4.138	.946	2	19.7	69 2947
3773	3565	8.5	47 41.07	6.7815	.0621	70 34 48.4	4.140	.966	3	20.9	70 2588
3774	3567	9.2	47 54.18	6.4438	.0532	68 48 15.0	4.159	.917	3	20.9	68 3171
3775	3568	8.2	48 26.57	6.9536	.0681	71 23 35.7	4.205	.989	2-3	21.2-21.0	71 2359
3776	3569	8.6	18 48 41.27	+6.2681	−0.0496	−67 45 53.8	+ 4.226	+0.891	3	19.6	67 3602
3777	3570	9.1	49 3.30	6.6507	.0602	69 56 57.5	4.258	.946	2	20.6	70 2591
3778	3571	(6.6)	49 13.34	6.1985	.0484	67 19 46.6	4.272	.881	F	(21.4)	67 3603
3779	3574	7.8	49 42.25	6.0638	.0455	66 25 39.6	4.299	.861	3	20.9	66 3401
3780	3573	9.1	49 50.50	6.6269	.0605	69 50 24.3	4.325	.941	3	20.9	69 2949
3781	3572	8.8	18 49 50.70*	+6.8431	−0.0668	−70 54 36.8	+ 4.325	+0.972	3	21.0	70 2592
3782	3575	9.1	50 11.21	6.2767	.0514	67 50 50.1	4.355	.891	3	21.0	67 3604
3783	3578	8.8	50 47.44	6.0013	.0450	66 0 13.4	4.406	.852	3	19.6	66 3402
3784	3576	7.0	51 3.31	6.7667	.0662	70 33 56.5	4.428	0.960	2	20.6	70 2593
3785	—	7.5	51 8.41	7.0912	.0763	72 1 56.2	4.436	1.006	2	20.7	72 2323
3786	3579	8.9	18 51 10.02	+6.2153	−0.0508	−67 28 38.3	+ 4.438	+0.882	3-2	21.6	67 3605
3787	3577	8.4	51 15.14	6.9981	.0736	71 38 4.8	4.445	.993	3	21.6	71 2360
3788	3580	8.3	51 43.07	6.6592	.0638	70 2 27.0	4.485	.944	3	20.9	70 2594
3789	3582	9.0	52 5.74	6.1797	.0508	67 15 50.0	4.517	.876	3	20.9	67 3606
3790	3581	8.9	52 14.29	.6.4068	.0572	68 40 19.1	4.529	.908	3	21.0	68 3174
3791	3584	7.0	18 52 26.93	+6.1027	−0.0492	−66 45 14.6	+ 4.547	+0.864	2	19.7	66 3404
3792	3583	8.5	52 37.23	6.7809	.0687	70 39 45.3	4.562	.960	3	21.0	70 2595
3793	3585	8.9	52 48.87	6.2129	.0525	67 29 42.6	4.578	.880	3	19.6	67 3607
3794	3587	8.7	52 56.19	6.2539	.0537	67 45 33.0	4.589	.885	2	20.6	67 3608
3795	3586	8.9	53 0.54	6.4195	.0584	68 45 40.2	4.595	.909	2	21.2	68 3176
3796	3589	8.5	18 53 23.79	+6.0640	−0.0491	−66 30 23.2	+ 4.628	+0.858	3	21.6	66 3405
3797	3591	8.7	53 32.39	6.0326	.0484	66 17 15.9	4.640	.853	3	21.6	66 3406
3798	3588	8.5	53 44.82	6.5621	.0635	69 34 11.9	4.658	.928	3	20.9	69 2952
3799	3592	8.6	53 47.99	6.1836	.0527	67 19 32.2	4.662	0.875	3	20.9	67 3609
3800	—	8.5	53 53.85	7.0351	.0797	71 58 9.7	4.671	1.000	3	21.0	72 2326

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3801	3590	8.9	18h53m54s.14	+6s.6749	−0s.0671	−70° 9′44″.7	+ 4″.671	+0″.944	3	21.0	70°2596
3802	3593	8.4	54 4.96	6.3276	.0570	68 14 18.8	4.686	.895	2	19.7	68 3177
3803	3594	8.8	54 46.34	6.4671	.0619	69 4 3.6	4.745	.914	2-3	21.2-21.0	69 2953
3804	3595	6.5	55 29.24	6.4285	.0616	68 51 45.1	4.806	.908	3	19.6	68 3180
3805	3596	8.8	56 16.41	6.3908	.0613	*68 39 39.5	4.872	.902	2	21.2	68 3181
3806	—	8.8	18 56 35.15	+7.0680	−0.0839	−72 1 48.6	+ 4.899	+0.997	3	21.6	72 2332
3807	3597	8.4	57 14.18	6.6648	.0711	70 10 37.2	4.954	.939	3	21.6	70 2598
3808	3598	8.3	58 3.99	6.6159	.0706	69 56 30.2	5.024	.931	3	20.9	70 2601
3809	3599	8.9	58 55.29	6.4765	.0671	69 12 29.8	5.097	.911	3	19.6	69 2954
3810	3601	8.7	59 31.88	6.1066	.0562	66 56 25.5	5.148	.858	2	19.7	67 3612
3811	3600	7.3	18 59 46.20	+6.4358	−0.0668	−68 59 51.1	+ 5.168	+0.904	3	20.9	69 2957
3812	3602	8.8	19 0 7.47	6.6040	.0728	69 55 24.2	5.198	.928	3	21.0	69 2958
3813	3604	8.6	0 48.00	6.0416	.0555	66 31 19.2	5.256	.848	4	20.9	66 3411
3814	3603	7.0	1 28.43	6.9614	.0874	71 40 1.2	5.312	.976	2	20.6	71 2366
3815	3605	8.6	1 29.32	6.4880	.0705	69 19 46.2	5.314	.910	3	19.6	69 2959
3816	3606	8.3	19 1 38.02	+6.2074	−0.0615	−67 39 27.6*	+ 5.326	+0.870	2	20.7	67 3614
3817	3607	6.5	1 56.07	6.3491	.0664	68 32 30.1	5.351	.890	3	21.7	68 3185
3818	3608	7.8	1 59.37	6.3281	.0658	68 25 2.2	5.356	.887	2	19.7	68 3186
3819	3609	8.5	2 45.49	6.6462	.0776	70 11 59.1	5.421	.930	3	21.6	70 2602
3820	3610	8.8	2 56.34	6.4836	.0721	69 20 18.0	5.436	.907	5	20.8	69 2960
3821	3611	9.0	19 3 23.04	+6.7911	−0.0838	−70 55 40.8	+ 5.473	+0.950	2	20.6	71 2367
3822	3612	7.3	3 58.94	5.9578	.0560	65 59 55.3	5.524	.832	3	21.0	66 3413
3823	3613	8.2	4 34.79	6.2581	.0663	68 3 5.9	5.574	.874	2	19.7	68 3189
3824	3614	8.8	4 49.80	6.4574	.0735	69 14 11.8	5.595	.902	4	20.9	69 2961
3825	3616	8.6	5 14.60	6.1247	.0625	67 12 23.1	5.630	.854	2	20.6	67 3617
3826	3615	8.9	19 5 16.73	+6.2020	−0.0651	−67 42 51.1	+ 5.633	+0.865	2-3	19.6	67 3616
3827	3617	8.8	6 10.09	6.2180	.0667	67 50 22.7	5.707	.866	3	20.7	67 3619
3828	3618	7.0	6 29.64	6.1763	.0655	67 34 45.8	5.734	.860	3	21.7	67 3621
3829	3619	9.0	6 38.97	6.3411	.0715	68 36 35.0	5.747	.883	2-3	21.7-21.6	68 3190
3830	3620	8.6	7 11.31	6.8452	.0913	71 16 2.0	5.793	.953	2	19.7	71 2368
3831	3621	8.7	19 7 17.72	+6.2540	−0.0691	−68 5 43.8	+ 5.802	+0.870	3	19.6	68 3192
3832	3622	8.8	8 3.51	6.6734	.0856	70 27 38.0	5.865	.928	2	20.7	70 2605
3833	3625	8.6	8 24.93	6.1142	.0654	67 13 12.8	5.895	.849	3	21.6	67 3623
3834	3624	6.8	8 26.27	6.4563	.0778	69 19 12.0	5.897	.897	3	21.7	69 2962
3835	3623	8.9	8 40.61	6.8436	.0933	71 17 38.5*	5.917	.951	3	21.0	71 2369
3836	3626	8.6	19 8 52.71	+6.1447	−0.0669	−67 26 11.2	+ 5.934	+0.853	2	21.1	67 3624
3837	3628	7.4	9 20.47	6.1218	.0666	67 17 49.9	5.973	.849	3	21.0	67 3626
3838	3627	8.7	9 38.51	6.4981	.0808	69 34 55.1*	5.998	.901	2	21.7	69 2963
3839	3629	(6.0)	9 40.08	6.0466	.0643	66 47 33.1	6.000	.838	F	(20.6)	66 3417
3840	3630	9.1	11 1.68	6.6214	.0875	70 16 12.7*	6.113	.917	3	21.6	70 2606
3841	3632	8.8	19 11 16.22	+6.4804	−0.0821	−69 31 38.0*	+ 6.133	+0.897	3	21.0	69 2967
3842	3631	9.0	11 24.64	6.7314	.0925	70 49 44.6	6.145	.931	2	20.6	70 2607
3843	3633	9.0	11 33.75	6.2030	.0719	67 53 22.9	6.158	.858	3	21.0	67 3631
3844	3634	8.5	12 4.79	6.5667	.0866	70 0 46.1	6.201	.908	4	21.2	70 2608
3845	3635	8.6	12 28.57	6.5634	.0870	70 0 22.5	6.234	.907	1	20.6	70 2613
3846	3636	8.7	19 13 50.33	+6.6752	−0.0934	−70 36 53.2	+6.347	+0.920	2	19.7	70 2615
3847	3638	8.9	14 5.96	6.0381	.0684	66 51 45.7	6.369	.832	3	20.3	66 3422
3848	—	9.1	14 29.92	6.8950	.1041	71 40 9.5	6.401	.950	2	20.7	71 2383
3849	3639	9.0	14 56.08	5.9250	.0650	66 4 23.7	6.438	.815	2	21.7	66 3424
3850	3641	8.5	15 7.14	5.9560	.0663	66 18 29.3	6.453	.819	3	21.6	66 3425

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3851	3643	8.9	19h15m24s.95	+5s.9517	−0s.0665	−66°17′ 7″.5	+ 6″.477	+0″.818	2	20.6	66°3427
3852	3642	8.4	15 25.71	6.0127	.0687	66 43 29.8	6.479	.827	3	21.0	66 3426
3853	3640	8.3	15 29.27	6.4640	.0866	69 33 3.3	6.484	.889	2	21.7	69 2983
3854	—	8.2	15 47.70	6.9532	.1087	71 57 31.9	6.509	.956	3	21.0	72 2367
3855	3644	8.0	16 5.83	6.5909	.0928	70 14 49.5	6.534	.905	2	19.7	70 2627
3856	3646	7.9	19 16 16.78	+6.2814	−0.0801	−68 30 51.7	+ 6.549	+0.863	3	21.0	68 3218
3857	3645	7.7	16 19.56	6.4125	.0855	69 17 9.6	6.553	.881	2	20.6	69 2988
3858	3647	7.9	16 24.53	6.2624	.0794	68 24 6.7	6.560	.860	2	20.7	68 3219
3859	—	8.9	16 41.61	5.8799	.0651	65 47 22.8	6.583	.807	2	21.7	65 3792
3860	3648	9.1	16 45.48	6.1856	.0768	67 55 48.0*	6.588	.849	2	19.7	68 3222
3861	3650	9.0	19 17 32.92	+6.4335	−0.0879	−69 26 23.0	+ 6.654	+0.882	3	21.7	69 2994
3862	3651	8.9	17 45.07	6.5210	.0919	69 55 29.5	6.671	.894	3	21.0	70 2629
3863	3656	8.5	17 45.56	5.9875	.0701	66 37 10.1	6.671	.820	2-3	21.1-21.0	66 3431
3864	3649	7.6	17 47.64	6.8631	.1075	71 36 39.3	6.674	.940	1	20.6	71 2393
3865	3655	(8.9)	17 50.06	6.1066	.0748	67 26 45.5	6.677	.832	1	21.7	67 3643
3866	3653	8.6	19 18 5.16	+6.6544	−0.0983	−70 37 32.3*	+ 6.698	+0.911	3	20.0	70 2630
3867	3652	8.1	18 12.37	6.8611	.1080	71 36 46.6	6.708	.940	4	20.9	71 2395
3868	3654	8.2	18 14.35	6.6206	.0969	70 27 31.6	6.711	.906	2	20.7	70 2631
3869	3657	8.5	18 15.91	6.2124	.0795	68 8 47.1	6.713	.850	2	21.7	68 3227
3870	3658	9.0	18 32.62	6.3249	.0844	68 50 35.8	6.736	.866	3	19.6	68 3230
3871	—	8.8	19 18 55.13	+5.8809	−0.0672	−65 52 15.3	+ 6.767	+0.805	3	21.6	65 3795
3872	3661	8.8	19 18.99	6.4261	.0897	69 26 59.9	6.800	.878	3	21.0	69 2998
3873	3659	8.9	19 24.62	6.7939	.1066	71 20 11.7	6.807	.929	2	20.6	71 2403
3874	3660	8.8	19 37.67	6.8370	.1090	71 32 27.5	6.825	.934	3	21.0	71 2404
3875	—	8.2	19 50.38	5.8710	.0677	65 49 34.1	6.842	.802	2	20.6	65 3798
3876	3662	8.8	19 19 52.43*	+6.6071	−0.0985	−70 26 11.6	+ 6.845	+0.902	3	21.0	70 2636
3877	3665	8.7	20 2.68	5.9292	.0700	66 16 15.2	6.859	.809	2	19.7	66 3434
3878	3664	7.0	20 3.48	6.4824	.0931	69 46 59.9	6.860	.885	2	20.7	69 3002
3879	3663	8.6	20 13.37	6.8791	.1119	71 44 52.7	6.874	.939	3	21.7	71 2406
3880	3666	8.7	20 56.23	6.6068	.0999	70 27 55.5	6.932	.901	3	21.6	70 2639
3881	3667	9.0	19 21 14.81	+6.3001	−0.0865	−68 46 40.1	+ 6.958	+0.858	3	19.6	68 3244
3882	—	8.9	21 30.19	5.8661	.0690	65 50 44.3	6.979	.799	3	21.0	65 3800
3883	3668	8.9	22 4.42	5.9910	.0744	66 47 12.2	7.026	.815	2	20.6	66 3436
3884	3669	7.7	22 10.76	6.0879	.0785	67 27 40.1	7.034	.828	3	21.0	67 3646
3885	3671	8.9	22 13.65	6.0885	.0786	67 27 59.7	7.038	.828	3	21.0	67 3647
3886	3670	7.9	19 22 33.93	+6.5464	−0.0992	−70 12 2.3	+ 7.066	+0.890	2	20.6	70 2646
3887	3672	8.7	22 49.61	6.3512	.0906	69 7 44.3	7.087	.863	2	20.7	69 3010
3888	3673	6.5	23 23.61	6.2576	.0871	68 35 19.1	7.134	.849	2	19.7	68 3251
3889	—	8.6	23 49.56	6.9259	.1198	72 3 16.2	7.169	.940	3	21.7	72 2389
3890	3677	7.8	24 1.04	5.9707	.0755	66 42 32.3	7.185	.810	3	21.6	66 3437
3891	3674	8.6	19 24 13.36	+6.6640	−0.1071	−70 50 58.6	+ 7.202	+0.903	3	19.6	70 2653
3892	3676	8.5	24 34.73	6.6811	.1085	70 56 39.8	7.231	.905	3	21.0	71 2415
3893	3678	8.9	25 15.51	6.5823	.1045	70 28 8.5	7.286	.891	2	20.6	70 2656
3894	3679	8.1	26 21.91*	6.6153	.1076	70 40 16.3	7.376	.894	3	21.0	70 2660
3895	3680	8.4	26 23.18*	6.1640	.0863	68 6 8.8	7.378	.832	2	19.7	68 3260
3896	3681	8.6	19 26 37.16	+6.2438	−0.0901	−68 36 39.9	+ 7.397	+0.843	3	21.0	68 3261
3897	3682	8.0	27 4.32	6.5073	.1032	70 7 59.9	7.434	.878	2	20.6	70 2664
3898	3683	8.1	27 23.30	6.3469	.0959	69 15 5.3	7.459	.856	3	20.3	69 3021
3899	3684	8.8	27 34.23*	6.3468	.0961	69 15 24.2	7.474	.855	2	19.7	69 3022
3900	3685	8.8	28 6.25	6.4449	.1015	69 49 42.4	7.517	.868	3	21.7	69 3024

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
3901	3687	8.6	19h28m46ˢ.25	+6ˢ.2120	−0ˢ.0911	−68°29′16″.5	+ 7″.571	+0″.835	3	21.6	68°3264
3902	3686	8.9	28 51.37	6.4683	.1036	69 58 50.6	7.578	.870	3	21.0	70 2667
3903	3688	8.8	29 22.75	6.0362	.0837	67 21 34.7	7.621	.811	2	20.6	67 3656
3904	3689	8.1	29 33.06	5.8395	.0752	65 56 7.0	7.635	.784	3	21.0	66 3441
3905	—	8.1	30 47.15	6.8583	.1269	71 57 38.8	7.734	.919	3	21.0	72 2404
3906	3690	8.8	19 31 2.17	+6.4617	−0.1061	−70 1 3.9	+ 7.754	+0.865	2	19.7	70 2674
3907	3692	8.9	31 11.08	6.0896	.0880	67 47 13.4	7.767	.815	1-2	19.6-19.7	67 3659
3908	3695	7.2	31 12.39	5.8504	.0772	66 4 56.6	7.768	.783	3	21.0	66 3442
3909	3691	8.9	31 24.76	6.5602	.1117	70 33 6.0	7.785	.878	3	21.0	70 2675
3910	3693	7.0	31 29.05	6.3671	.1018	69 30 24.4*	7.791	.852	2	21.7	69 3034
3911	3696	8.8	19 31 32.21	+5.9346	−0.0813	−66 43 21.2	+ 7.795	+0.794	3	21.6	66 3443
3912	3694	7.3	31 36.35	6.4134	.1043	69 46 16.7	7.800	.858	3	21.0	69 3035
3913	3697	8.8	31 56.95	5.8654	.0786	66 13 31.0	7.828	.784	2	20.6	66 3444
3914	3699	6.8	32 27.68	5.9479	.0828	66 51 16.7	7.869	.794	2	19.7	66 3445
3915	3698	8.8	32 48.11	6.7742	.1253	71 38 31.0	7.897	.904	3	21.0	71 2438
3916	3700	8.8	19 33 19.22	+5.9840	−0.0853	−67 8 41.9	+ 7.938	+0.798	3	21.0	67 3663
3917	—	9.1	33 27.22	6.8304	.1295	71 55 11.3	7.949	.911	2	19.7	72 2413
3918	3701	8.9	33 48.19	5.9243	.0830	66 44 9.2	7.977	.789	2	20.6	66 3446
3919	3703	7.2	34 22 13*	5.8267	.0791	66 1 33.9	8.021	.775	2	20.7	66 3447
3920	3702	8.7	34 36.39	6.6860	.1230	71 17 5.4	8.042	.889	3	21.6	71 2445
3921	—	8.7	19 34 38.21	+6.8507	−0.1325	−72 2 55.2*	+ 8.044	+0.911	2	21.7	72 2419
3922	3704	8.9	34 46.40	6.1560	.0951	68 21 9.8	8.055	.818	2	19.7	68 3280
3923	3705	8.6	34 51.20	6.1762	.0962	68 29 0.6	8.061	.821	3	21.0	68 3281
3924	3706	8.8	35 25.15	6.3612	.1064	69 36 42.9	8.106	.845	4	21.1	69 3043
3925	3707	8.6	35 36.25	6.0868	.0926	67 56 6.3	8.121	.808	2	19.7	68 3286
3926	3708	9.0	19 35 39.56	+5.9532	−0.0862	−67 1 5.6	+ 8.126	+0.790	3	21.0	67 3667
3927	3709	9.0	36 4.71	6.3270	.1054	69 26 22.8	8.159	.839	3	21.0	69 3045
3928	3711	7.7	36 8.52	5.9671	.0874	67 8 10.5	8.164	.791	2	20.6	67 3668
3929	3712	8.5	36 32.50	5.9632	.0876	67 7 27.6	8.196	.790	2	20.7	67 3670
3930	3710	9.0	36 40.69	6.6999	.1268	71 25 15.7	8.207	.888	3	21.7	71 2448
3931	3714	7.9	19 36 41.88	+5.8726	−0.0834	−66 28 11.4	+ 8.209	+0.777	3	21.6	66 3450
3932	3713	8.0	37 9.79	6.4548	.1136	70 11 37.7	8.246	.854	3	21.0	70 2691
3933	3715	7.3	37 28.63	6.5691	.1204	70 48 15.9	8.271	.869	2	20.6	70 2693
3934	3716	8.9	37 58.90	5.9736	.0896	67 15 22.4	8.311	.789	3	19.6	67 3672
3935	3719	8.8	38 31.84*	6.0005	.0915	67 27 59.5	8.355	.792	3	21.0	67 3674
3936	3721	8.1	19 38 38.50	+5.9657	−0.0899	−67 13 38.8	+ 8.363	+0.787	3	21.0	67 3675
3937	3717	8.5	38 48.37	6.5637	.1220	70 49 25.2	8.377	.866	2-3	21.2-21.0	70 2702
3938	3722	8.8	38 56.60	5.8434	.0842	66 20 38.1	8.388	.770	2	20.7	66 3452
3939	3718	8.9	39 3.02	6.6641	.1282	71 19 51.6	8.396	.879	3	21.7	71 2455
3940	3720	9.0	39 3.99	6.5652	.1224	70 50 26.5	8.397	.865	2-3	21.6	70 2703
3941	3723	8.7	19 39 24.41	+6.2030	−0.1028	−68 49 30.0	+ 8.424	+0.817	2	19.7	68 3303
3942	3724	8.9	39 55.06	6.1109	0986	68 15 45.6	8.465	.804	3	21.0	68 3305
3943	3725	8.7	41 5.23	6.4612	.1192	70 22 18.8	8.557	.848	3	19.6	70 2711
3944	3728	8.5	41 58.71	5.7832	.0842	66 0 34.8	8.628	.757	3	21.0	66 3454
3945	3726	7.8	42 12.52	6.3017	.1116	69 31 30.5	8.646	.825	2	19.7	69 3054
3946	3729	7.9	19 42 15.47	+5.8014	−0.0853	−66 9 53.0	+ 8.650	+0.759	4	21.4	66 3455
3947	—	8.8	42 19.22	6.7733	.1397	71 57 30.7	8.655	.887	1	20.6	72 2452
3948	3727	8.6	42 27.74	6.4538	.1206	70 23 2.6	8.666	.845	3	21.0	70 2714
3949	—	8.8	42 28.36	5.7580	.0835	65 49 56.9	8.667	.754	2	20.7	65 3823
3950	3730	7.0	42 32.36	5.9111	.0911	67 0 0.3	8.672	.773	2	21.7	67 3680

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep	C. P. D.
3951	3732	8.5	19h42m55s37	+5s8770	−0s0897	−66°46′ 0″8	+ 8″702	+0.768	2-3	21.6	66°3456
3952	3731	8.9	43 24.54	6.7034	.1368	71 39 46.8	8.741	.875	2-3	21.2-21.0	71 2474
3953	3734	9.0	43 49.90*	6.3122	.1142	69 38 59.7	8.774	.824	2	20.6	69 3055
3954	—	7.0	43 51.31	5.7449	.0842	65 47 25.1	8.776	.750	3	21.0	65 3827
3955	3733	8.9	43 59.24	6.5326	.1273	70 51 17.6	8.786	.852	2-3	19.6	70 2719
3956	3735	9.0	19 44 0.41	+5.8141	−0.0876	−66 20 25.3	+ 8.788	+.0758	3	21.0	66 3459
3957	3736	7.9	45 31.99	6.6710	.1381	71 35 52.3	8.907	.867	2	20.6	71 2480
3958	3737	8.9	45 32.41	6.6572	.1373	71 31 54.1	8.908	.866	3	21.7	71 2481
3959	3741	8.8	45 33.08	5.7491	.0858	65 54 4.4	8.909	.747	2	20.7	66 3461
3960	3740	8.2	45 37.28	6.0889	.1038	68 21 20.6	8.914	.791	5	21.3	68 3319
3961	3738	8.9	19 45 42.90	+6.6965	−0.1400	−71 43 30.7	+ 8.922	+0.870	3	21.6	71 2482
3962	3739	8.3	45 44.01	6.3862	.1209	70 8 35.5	8.923	.830	2	20.6	70 2723
3963	3742	9.0	46 13.63	6.3101	.1170	69 44 2.1	8.962	.819	2	19.7	69 3060
3964	3743	9.0	46 35.34	6.6483	.1383	71 31 42.8	8.990	.862	2-3	20.6-21.0	71 2484
3965	3744	8.6	47 3.74	6.6893	.1416	71 44 28.9	9.027	.867	2	20.7	71 2486
3966	3748	8.6	19 47 4.74	+5.9256	−0.0964	−67 18 15.5	+ 9.023	+0.768	2	20.6	67 3685
3967	3746	8.1	47 7.65	6.0941	.1057	68 27 10.8	9.032	.789	4	21.2	68 3323
3968	3747	8.7	47 17.42	6.2038	.1122	69 8 57.8	9.043	.803	3	21.6	69 3062
3969	3749	8.5	47 41.48	6.4189	.1255	70 24 0.7	9.076	.830	3	19.6	70 2728
3970	3750	8.9	49 7.94	6.1265	.1099	68 44 53.9	9.188	.790	2-3	21.7-21.6	68 3332
3971	3751	8.8	19 49 34.76	+6.4593	−0.1305	−70 41 30.6	+ 9.223	+0.832	2	19.7	70 2733
3972	—	8.4	49 36.12	5.7041	.0874	65 43 49.4*	9.225	.735	3	21.0	65 3833
3973	3752	8.5	50 14.04	6.0089	.1044	68 1 34.7	9.274	.773	3	21.7	68 3335
3974	3753	6.5	50 57.29	6.2131	.1172	69 21 43.8	9.330	.798	2	20.6	69 3072
3975	3759	8.6	51 10.90	5.9278	.1008	67 30 27.7	9.347	.760	3	21.0	67 3692
3976	3754	8.5	19 51 13.09	+6.4051	−0.1294	−70 28 9.2	+ 9.350	+0.822	2	20.7	70 2738
3977	3757	7.2	51 14.34	6.1458	.1135	68 57 42.0	9.351	.788	2	20.6	69 3073
3978	3755	9.0	51 18.99*	6.3704	.1273	70 17 0.6	9.357	.817	3	21.0	70 2740
3979	3756	8.9	51 30.95	6.5869	.1415	71 25 13.4	9.373	.845	2	21.7	71 2503
3980	3758	8.6	51 36.92	6.5757	.1410	71 22 10.0	9.381	.843	3	21.6	71 2505
3981	3760	8.5	19 51 40.96	+6.4507	−0.1329	−70 43 58.0	+ 9.386	+0.827	3	21.0	70 2741
3982	3761	9.1	51 56.28	5.8276	.0960	66 48 41.6	9.406	.746	2	21.2	66 3465
3983	3762	6.5	53 5.98	5.8655	.0993	67 8 55.6	9.495	.749	3	21.0	67 3695
3984	3765	8.8	53 42.68	5.8480	.0990	67 2 59.0	9.542	.746	3	21.7	67 3696
3985	3763	8.4	53 43.55	6.4158	.1335	70 37 56.8	9.543	.818	3	21.0	70 2750
3986	3764	8.5	19 53 45.41	+6.3829	−0.1313	−70 27 20.4	+ 9.545	+0.814	2	20.6	70 2751
3987	3767	9.0	54 2.49	6.0369	.1102	68 23 18.9	9.568	.769	3	21.6	68 3340
3988	3766	8.2	54 7.21	6.1947	.1199	69 23 25.9	9.574	.789	2	20.7	69 3080
3989	3768	6.5	54 35.36	5.8656	.1003	67 8 54.4	9.610	.745	3	20.0	67 3698
3990	3769	8.7	55 12.50	5.7404	.0944	66 17 59.5	9.657	.729	3	19.6	66 3466
3991	3770	8.3	19 57 36.85	+6.3412	−0.1338	−70 23 41.2	+ 9.831	+0.801	3	21.0	70 2762
3992	3771	7.0	58 2.59	5.8828	.1054	67 31 2.5	9.874	.742	2	20.6	67 3703
3993	3772	8.5	58 51.54	6.4452	.1426	71 0 32.6	9.936	.812	2	19.7	71 2530
3994	3773	8.8	59 3.24*	6.0389	.1165	68 38 24.2	9.951	.760	3	21.0	68 3351
3995	3775	8.4	59 12.17	5.6801	.0948	66 1 22.3	9.962	.714	3	19.6	66 3470
3996	3774	7.5	19 59 30.54	+6.2168	−0.1280	−69 46 8.1	+ 9.985	+0.782	2	20.7	69 3090
3997	3777	9.0	59 43.23	5.7957	.1020	66 57 31.8	10.001	.728	2	20.6	67 3707
3998	3776	8.3	59 56.71	6.4400	.1438	71 1 48.9	10.017	.809	2	20.7	71 2535
3999	3779	9.0	20 0 15.90	5.6784	.0957	66 3 56.7	10.042	.712	2	21.7	66 3472
4000	3778	8.4	0 25.85	6.5824	.1546	71 46 7.4	10.055	.826	3	21.7	71 2537

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4001	3780	8.8	20h 0m42s.20	+5s.9268	−0s.1110	−67°57′45″.5	+10″.076	+0″.743	4	21.0	68°3355
4002	3781	9.2	1 4.97	6.1085	.1229	69 11 3.5	10.104	.765	3	20.4	69 3094
4003	3782	8.9	1 12.76	5.7734	.1022	66 52 0.5	10.114	.722	3	20.7	67 3708
4004	3783	7.5	1 12.94	5.7353	.1000	66 34 15.6	10.114	.718	3	20.4	66 3473
4005	3784	(4.3)	1 22.94	5.7093	.0986	66 22 30.2	10.127	.714	F	(20.9)	66 3474
4006	—	8.4	20 2 25.86	+6.5838	−0.1578	−71 51 43.6	+10.206	+0.822	2	20.7	72 2496
4007	—	8.9	3 9.92	6.5823	.1588	71 53 14.3	10.261	.820	3	20.8	72 2499
4008	3785	8.9	3 25.41	5.9076	.1127	67 58 4.3	10.281	.735	3	20.4	68 3357
4009	3786	8.8	3 53.86	6.0340	.1214	68 50 50.5	10.316	.750	3	20.0	68 3358
4010	3787	9.0	4 20.00	6.4996	.1543	71 31 56.3	10.349	.807	4	21.2	71 2544
4011	3788	8.8	20 4 29.74	+6.1211	−0.1279	−69 25 48.6	+10.361	+0.759	2	19.7	69 3096
4012	3789	8.9	5 16.75	5 8018	.1081	67 17 58.8	10.420	.718	2-3	20.7	67 3715
4013	3790	8.7	5 35.54	6.0687	.1257	69 9 23.4	10.443	.751	3	20.7	69 3098
4014	3792	9.1	6 33.47	5.8444	.1121	67 40 58.8	10.515	.721	3	20.4	67 3717
4015	3791	8.8	6 42.26	6.3547	.1472	70 53 15.6	10.526	.784	3	21.0	71 2547
4016	3793	8.2	20 8 4.43	+5.9728	−0.1222	−68 39 33.7	+10.628	+0.734	3	20.0	68 3362
4017	3794	8.9	8 21.26	5.7247	.1064	66 52 51.8	10.648	.703	2	19.7	67 3719
4018	3795	8.6	8 43.06	6.0226	.1264	69 1 18.4	10.675	.739	3	20.7	69 3102
4019	3796	8.6	9 21.84	6.4077	.1550	71 17 47.6	10.723	.785	3	21.0	71 2548
4020	3797	7.4	9 55.46	5.8191	.1141	67 41 0.4	10.764	.711	4	20.5	67 3720
4021	3798	8.7	20 10 39.83	+6.2966	−0.1485	−70 45 48.6	+10.819	+0.768	3	20.7	70 2778
4022	3799	8.8	10 40.15	5.9614	.1244	68 43 15.4	10.819	.727	3	20.7	68 3364
4023	3800	8.9	11 32.25	6.1012	.1354	69 40 3.9	10.883	.742	2-3	20.2-20.0	69 3107
4024	3801	8.9	11 34.57	5.7418	.1108	67 11 51.7	10.886	.698	2	19.7	67 3724
4025	3802	8.2	12 8.75	6.0293	.1310	69 14 50.8	10.928	.732	3	21.0	69 3108
4026	3803	8.4	20 12 57.60	+5.7357	−0.1118	−67 13 52.1	+10.988	+0.695	2-3	20.2-20.4	67 3726
4027	3804	8.6	13 40.71	5.6635	.1078	66 42 24.1	11.040	.684	3	20.7	66 3481
4028	3806	9.0	14 10.48	5.6983	.1106	67 0 45.5	11.076	.688	3	21.0	67 3727
4029	3807	7.6	14 24.64	5.7665	.1152	67 32 59.2	11.093	.695	2	19.7	67 3729
4030	3808	7.1	14 26.02	5.6930	.1105	66 59 11.2	11.095	.686	4-5	20.8	67 3730
4031	3805	8.8	20 14 29.95	+6.3856	−0.1609	−71 26 1.3	+11.100	+0.770	3	20.0	71 2552
4032	3809	8.9	15 29.73	6.0669	.1379	69 40 0.7	11.172	.730	3	20.4	69 3111
4033	—	8.1	16 43.88	6.4549	.1699	71 53 58.9	11.262	.774	3	20.7	72 2515
4034	3811	8.6	16 57.54	5.6037	.1072	66 25 8.7	11.278	.670	3	19.7	66 3485
4035	3810	8.5	17 3.55	5.7841	.1195	67 50 15.4	11.286	.692	3	20.0	67 3732
4036	3812	8.9	20 18 4.00	+6.4167	−0.1689	−71 46 28.1	+11.358	+0.766	3	20.4	71 2554
4037	3813	9.1	18 30.59	5.7706	.1201	67 49 27.5	11.390	.687	3	21.0	67 3735
4038	3814	8.7	19 52.23	5.9484	.1345	69 9 8.8	11.488	.706	3	20.0	69 3115
4039	3816	7.7	21 30.90	5.7703	.1234	68 0 19 7	11.605	.681	3	20.7	68 3369
4040	3815	8.8	21 34.29	5.8956	.1326	68 53 50.9	11.609	.696	2	20.8	69 3118
4041	—	(9.0)	20 21 57.32	+6.3983	−0.1734	−71 52 57.8	+11.637	+0.754	1	20.7	72 2524
4042	3817	9.1	22 12.77	6.2489	.1612	71 6 12.9	11.655	.736	3	19.7	71 2557
4043	—	9.3	22 14.76	5.4937	.1051	65 49 3.7	11.658	.647	1	20.8	65 3852
4044	3818	8.7	22 28.93	5.6583	.1164	67 12 39.5	11.674	.666	3	20.0	67 3737
4045	3819	7.6	22 55.67	5.9463	.1381	69 19 2.8	11.705	.699	3	20.7	69 3120
4046	3821	8.8	20 23 6.83	+5.6602	−0.1172	−67 15 59.0	+11.719	+0.664	3	21.0	67 3738
4047	3822	9.0	23 10.00	5.5200	.1076	66 6 34.5	11.723	.648	3	20.7	66 3491
4048	3820	8.9	23 18.71	6.0929	.1499	70 15 53.3	11.733	.715	2-3	20.7	70 2788
4049	3823	8.7	23 26.52	5.7903	.1270	68 16 15.4	11.742	.679	3	20.8	68 3371
4050	3824	8.7	24 13.23	5.8803	.1347	68 57 11.4	11.798	.688	3	20.0	69 3121

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4051	3829	8.0	20h25m12s.12	+5s.4993	—0s.1081	—66° 3′59″.7	+11″.867	+0″.641	3	19.7	66°3492
4052	3826	8.9	25 12 24	5.8567	.1340	68 51 2.3	11.867	.683	2	20.2	69 3122
4053	3825	8.3	25 13.74	6.3051	.1704	71 34 26.4	11.869	736	4	20.9	71 2558
4054	3830	8.9	25 30.83	5.7744	.1282	68 17 9.0	11.889	.673	2	20.7	68 3372
4055	3827	8.8	25 35.82	6.2985	.1704	71 33 32.5	11.895	.734	2	21.2	71 2559
4056	3831	9.0	20 25 37.64	+5.8475	—0.1338	—68 48 49.0	+11.897	+0.681	2	20.8	68 3373
4057	3832	7.8	25 44.13	5.8197	.1318	68 37 28.6	11.905	.678	2	20.8	68 3374
4058	3828	9.0	25 45.22	6.1600	.1589	70 48 1.4	11.906	.717	2	20.8	70 2789
4059	3834	8.6	27 17.00	5.5923	.1167	66 59 40.7	12.013	.647	2	19.7	67 3742
4060	3833	6.9	27 21.85	6.2589	.1697	71 26 42.8	12.019	.725	3	21.0	71 2560
4061	3835	7.9	20 27 26.19	+5.5900	—0.1167	—66 59 9.9	+12 024	+0.647	4	20.0	67 3743
4062	3837	6.8	28 26.67	5.9797	.1478	69 52 0.5	12.094	.690	3	20.7	70 2792
4063	3836	7.9	28 27.09	6.2612	.1715	71 31 7.8	12.095	.723	3	20.7	71 2561
4064	3838	8.9	28 42.40	6.2199	.1683	71 18 27.6	12.113	.717	2	20.8	71 2562
4065	3839	7.0	28 53.61	6.2217	.1688	71 19 44.9	12.125	.717	2	20.7	71 2563
4066	3840	7.5	20 29 27.15	+5.9454	—0.1463	—69 42 32.0	+12.164	+0.684	3	21.1	69 3127
4067	3842	8.9	29 31.63	5.5863	.1186	67 5 51.5	12.170	.642	2	20.7	67 3747
4068	3843	8.4	29 53.11	5.6560	.1241	67 40 43.5	12.194	.649	3	19.7	67 3748
4069	3841	8.6	30 0.23	6.2523	.1731	71 33 36.3	12.203	.718	3	20.0	71 2565
4070	—	8.6	30 15.48	6.3130	.1789	71 53 48.8	12.220	.724	3	21.0	72 2538
4071	3844	8.5	20 31 1.85	+6.0289	—0.1553	—70 19 59.7	+12.274	+0.690	3	20.4	70 2795
4072	3845	7.4	31 15.61	6.2018	.1705	71 21 21.6	12.290	.709	3	20.8	71 2566
4073	3846	8.5	31 32.10	5.5326	.1167	66 47 30.3	12.309	.631	3	20.7	66 3496
4074	3847	9.1	33 0.29	5.7477	.1348	68 34 43.1	12.410	.653	3	21.0	68 3378
4075	3850	9.2	33 25.52	5.9561	.1524	70 1 36.2	12.439	.676	3	20.0	70 2798
4076	3849	8.5	20 33 47.04	+5.9152	—0.1494	—69 47 8.5	+12.463	+0.670	3	20.8	69 3128
4077	3852	8.9	34 16.84	5.5211	.1187	66 53 26.0	12.497	.624	3	20.7	67 3752
4078	3851	8 3	34 29.05	6.1390	.1698	71 11 45.7	12.511	.694	3	20.4	71 2568
4079	3853	8.5	34 41.67	5.7080	.1336	68 24 5.2	12.526	.644	1	20.8	68 3379
4080	3854	8.3	34 50.92	5.5674	.1228	67 18 55.3	12.536	.628	2	20.7	67 3753
4081	3855	6.0	20 35 5.31	+5.5304	—0.1202	—67 1 35.3	+12.552	+0.623	3	21.0	67 3754
4082	—	9.0	35 18.93	6.2741	.1834	71 59 9.6	12.568	.707	2-3	21.0-20.7	72 2546
4083	3856	8.9	36 5.74	6.0197	.1615	70 35 35.7	12.621	.676	2	20.7	70 2802
4084	3857	9.0	36 20.80	6.0536	.1648	70 48 47.8	12.638	.680	2	20.7	70 2803
4085	3860	8.5	36 44.31	5.7972	.1433	69 10 59.5	12.665	.650	3	20.0	69 3130
4086	3861	8.9	20 36 47.45	+5.7479	—0.1393	—68 50 14.2	+12.668	+0.644	2	20.2	69 3131
4087	3859	8.6	36 51.28	5.9368	.1553	70 7 27.6	12.672	.665	3	21.0	70 2804
4088	3858	8.5	36 58.29	6.1665	.1760	71 30 12.4	12.680	.691	2	20.7	71 2569
4089	3862	9.0	37 1.88	5.3939	.1119	65 58 25.7	12.685	.603	2	20.8	66 3499
4090	3864	8.9	37 46.66	5.4768	.1189	66 46 5.0	12.735	.611	3	19.7	66 3500
4091	3863	8.0	20 37 47.88	+6.0670	—0.1681	—70 59 5.3	+12.736	+0.677	2	20.7	71 2570
4092	3865	(4.3)	38 13.09	5.4395	.1167	66 28 27.0	12.765	.606	F	(20.5)	66 3501
4093	3866	7.7	38 31.77	5.5157	.1227	67 9 16.5	12.786	.614	2	21.7	67 3757
4094	3867	8.4	38 54.39	5.5043	.1222	67 5 12.7	12.811	.612	2	20.7	67 3758
4095	3869	9.1	40 16.37	5.6149	.1325	68 5 10.1	12.903	.621	3	20.4	68 3385
4096	3868	9.0	20 40 40.61	+6.1467	—0.1798	—71 37 24.9	+12.930	+0.679	3	19.7	71 2572
4097	3870	7.6	41 49.73	5.7307	.1440	69 3 56.9	13.007	.630	3	20.0	69 3135
4098	3871	6.2	42 13.46	5.7249	.1439	69 3 6.3	13.033	.628	4	21.2	69 3138
4099	3872	9.0	42 38.12	5.8529	.1557	69 58 0.7*	13.060	.642	3	19.7	70 2808
4100	3874	8.8	43 0.49	5.5751	.1323	67 58 25.9*	13.085	.610	3	20.4	68 3387

Nº	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Nº Obs.	Ep.	C. P. D.
4101	3875	8.9	20h43m15s.85	+5s.3270	−0s.1129	−65°50′12″.8	+13″.102	+0″.582	3	20.7	66°3504
4102	3873	8.2	43 21.05*	6.0532	.1751	71 15 43.9	13.108	.329	3	20.7	71 2575
4103	3876	8.0	43 29.04	5.5078	.1273	67 27 44.5	13.116	.602	3	21.0	67 3760
4104	3877	8.8	43 29.80	5.5036	.1270	67 25 42.7	13.117	.601	2	20.7	67 3761
4105	3878	8.7	43 53.84	5.5483	.1311	67 49 33.8	13.144	.605	3	20.0	68 3388
4106	3880	8.7	20 45 30.57	+5.4136	−0.1219	−66 48 40.8	+13.250	+0.586	5-6	20.9	66 3507
4107	3879	8.5	45 34.41	5.5392	.1322	67 52 49.0	13.254	.600	3	19.7	68 3389
4108	3881	8.9	46 7.08	6.1154	.1853	71 47 58.6	13.290	.662	6	20.4	71 2577
4109	—	8.4	46 43.59	5.2811	.1128	65 40 45.8	13.330	.570	2	20.8	65 3871
4110	3882	8.1	49 3.40	5.3402	.1196	66 26 7.4	13.481	.570	6	20.2	66 3510
4111	—	9.2	20 49 6.12	+6.0832	−0.1869	−71 49 3.4	+13.484	+0.650	2	20.8	72 2568
4112	—	8.4	49 26.76	5.2616	.1138	65 43 8.5	13.506	.561	3	21.0	65 3874
4113	3883	8.0	50 20.41	5.5064	.1348	67 59 11.9	13.564	.585	5	21.1	68 3392
4114	3884	7.5	50 50.14	5.5929	.1429	68 42 43.7	13.596	.593	3	20.7	68 3393
4115	3885	7.5	51 8.96	5.6866	.1517	69 26 2.1	13.616	.602	3	20.0	69 3146
4116	3887	9.0	20 51 18.22	+5.6049	−0.1446	−68 50 24.4	+13.626	+0.593	3	19.7	69 3147
4117	3888	8.5	51 23.45	5.3854	.1257	67 2 23.0	13.631	.570	3	20.0	67 3767
4118	3886	7.5	51 24.09	5.8722	.1696	70 42 41.4	13.632	.622	3	20.8	70 2812
4119	3889	7.1	52 53.52	5.7286	.1579	69 51 50.1	13.727	.603	3	21.0	70 2814
4120	3890	8.6	53 23.27	5.7300	.1587	69 54 41.7	13.759	.602	3	20.4	70 2816
4121	3891	8.8	20 53 57.67	+5.5451	−0.1422	−68 34 5.1	+13.795	+0.580	3	20.7	68 3397
4122	3892	6.5	54 37.19	5.5276	.1416	68 30 9.0	13.837	.577	3	19.7	68 3398
4123	3893	8.7	55 21.15	5.6941	.1580	69 48 39.5	13.883	.593	3	20.7	70 2819
4124	3894	8.7	56 18.84	5.6357	.1537	69 27 54.2	13.944	.584	3	20.0	69 3150
4125	3895	8.9	56 31.31	5.4099	.1334	67 41 12.3*	13.957	.560	2	19.7	67 3770
4126	3896	8.8	20 56 52.47	+5.8113	−0.1715	−70 43 25.8	+13.979	+0.601	3	20.4	70 2822
4127	3897	8.5	56 56.84	5.7621	.1667	70 24 12.3	13.984	.596	3	21.0	70 2823
4128	3898	7.8	56 57.74	5.4868	.1407	68 22 3.6	13.985	.567	3	20.7	68 3399
4129	3899	8.8	57 20.82	5.7731	.1684	70 30 27.4	14.009	.596	2	20.7	70 2825
4130	3900	8.8	57 25.60	5.4996	.1424	68 30 34.4	14.014	.567	3	20.7	68 3400
4131	3901	8.8	20 57 32.94	+5.4198	−0.1354	−67 51 33.5	+14.021	+0.559	2	21.7	68 3401
4132	3902	9.3	58 19.92	5.4178	.1361	67 54 33.1	14.070	.559	3	20.0	68 3403
4133	3903	8.9	58 29.37	5.2656	.1229	66 33 3.6	14.080	.540	2	19.7	66 3514
4134	3904	8.9	58 35.31	5.3404	.1295	67 15 14.3	14.086	.548	2	21.2	67 3771
4135	3905	8.8	58 54.63*	5.7103	.1644	70 12 11.4	14.106	.585	3	20.7	70 2829
4136	3906	8.7	20 59 27.84*	+5.4451	−0.1398	−68 14 7.2	+14.141	+0.557	3	21.0	68 3406
4137	3907	7.7	59 38.60	5.5312	.1481	68 56 42.7	14.152	.565	3	20.7	69 3155
4138	3908	8.6	59 55.06	5.6570	.1605	69 54 30.4	14.169	.577	3	20.8	70 2830
4139	3909	8.5	21 0 59.61	5.4272	.1400	68 13 7.4	14.235	.551	3	20.7	68 3408
4140	—	9.5	1 10.52	5.9327	.1906	71 48 16.8	14.246	.602	2	21.3	72 2581
4141	3910	8.3	21 1 29.72	+5.5882	−0.1559	−69 32 4.9	+14.266	+0.566	3	20.7	69 3156
4142	3911	7.7	2 39.81	5.1803	.1198	66 6 3.4	14.338	.522	4	20.7	66 3520
4143	—	9.1	2 45.17	5.9312	.1930	71 54 50.6	14.343	.598	3	21.0	72 2582
4144	3912	8.9	4 53.35	5.4519	.1470	68 45 48.7	14.473	.544	2	20.2	68 3409
4145	3913	8.4	5 17.67	5.6741	.1697	70 28 2.9	14.498	.565	4	20.5	70 2834
4146	3914	8.6	21 5 29.10	+5.2024	−0.1246	−66 35 22.4	+14.509	+0.517	3	21.0	66 3527
4147	3915	(6.7)	6 20.02	5.6569	.1637	70 26 1.2	14.560	.561	F	(20.7-20.6)	70 2835
4148	3916	8.2	7 9.61	5.7551	.1810	71 9 55.5	14.610	.568	3	20.4	71 2594
4149	—	8.9	7 35.10	5.8609	.1932	71 51 56.7	14.635	.578	5	21.1	72 2589
4150	3917	8.8	9 4.56	5.6815	.1760	70 49 58.1	14.724	.556	3	20.4	71 2596

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4151	3918	9.1	21h 9m12s.85	+5s.6379	−0s.1716	−70°32′35″.3	+14″.732	+0″.551	3	20.0	70°2839
4152	3919	8.9	10 22.66	5.7926	.1901	71 40 18.0	14.801	.563	4	20.5	71 2598
4153	3920	9.0	10 40.88	5.0838	.1194	65 53 33.7	14.849	.493	3	20.7	66 3538
4154	3921	8.8	12 7.42	5.1896	.1305	67 6 44.1	14.903	.500	3	21.0	67 3785
4155	3923	8.8	12 35.74	5.1419	.1266	66 41 20.9	14.931	.494	6	20.6	66 3543
4156	3922	9.0	21 12 44.13	+5.5740	−0.1698	−70 23 34.9	+14.939	+0.535	3	20.0	70 2841
4157	3924	9.0	12 45.98	5.1399	.1266	66 41 9.0	14.941	.493	4	21.0	66 3545
4158	3925	8.3	13 21.91	5.4268	.1553	69 19 36.9	14.976	.520	4	20.5	69 3163
4159	3926	8.2	13 42.74	5.3656	.1495	68 51 23.7	14.996	.513	3	20.7	69 3164
4160	3927	8.6	14 38.59	5.4615	.1606	69 43 12.9	15.050	.519	4-5	21.2-21.1	69 3167
4161	3928	8.1	21 15 5.52	+5.1461	−0.1297	−66 59 5.8	+15.076	+0.488	7	20.2	67 3792
4162	—	7.3	15 9.11	5.7648	.1948	71 53 23.1	15.079	.547	3	20.7	72 2595
4163	3929	8.6	15 33.82	5.3569	.1510	68 57 37.3	15.103	.507	3	20.0	69 3169
4164	3930	8.7	17 13.68	5.6279	.1824	71 10 14.5	15.198	.528	3	20.7	71 2602
4165	3931	6.8	17 30.57	5.4703	.1655	70 3 16.8	15.214	.513	3	20.7	70 2844
4166	3932	7.5	21 18 6.45	+5.2809	−0.1464	−68 33 11.6	+15.248	+0.493	3	21.0	68 3418
4167	3933	8.7	18 35.84	5.2084	.1397	67 56 41.0	15.276	.485	3	20.4	68 3419
4168	3934	8.9	18 48.56	5.3947	.1592	69 35 0.2	15.288	.502	3	20.0	69 3172
4169	3935	8.0	19 0.35	5.5861	.1808	71 2 25.8	15.299	.520	2	19.7	71 2605
4170	3936	8.7	19 41.74	5.4956	.1714	70 27 0.7	15.338	.509	2-3	20.7	70 2847
4171	3937	8.9	21 19 45.80	+5.2475	−0.1451	−68 25 24.2	+15.342	+0.486	3	20.7	68 3421
4172	3938	8.9	19 58.50	5.0309	.1240	66 18 42.1	15.354	.465	3	21.0	66 3563
4173	—	(4.1)	20 15.70	4.9732	.1188	65 42 24.4	15.370	.459	F	(20.1)	65 3918
4174	3939	8.9	20 39.49	5.2111	.1424	68 10 55 3	15.392	.480	3	21.1	68 3423
4175	3940	8.7	21 23.94	5.4260	.1662	70 4 53.0	15.434	.498	3	20.7	70 2849
4176	3942	8.1	21 21 41.70	+5.0902	−0.1315	−67 7 8.5	+15.450	+0.466	2	19.7	67 3800
4177	3941	8.9	21 45.04	5.6101	.1876	71 27 23.5	15.453	.514	3	20.7	71 2606
4178	—	8.8	21 59.68	5.6682	.1948	71 51 56.5	15.467	.519	3	21.1	72 2606
4179	3943	6.5	22 4.13	5.3860	.1627	69 49 50.2	15.471	.493	3	21.0	70 2850
4180	3944	9.0	22 13.76	5.1247	.1356	67 31 22.0	15.480	.468	3	20.0	67 3802
4181	3945	8.6	21 23 43.23	+5.6152	−0.1914	−71 40 18.2	+15.562	+0.509	4	20.8	71 2609
4182	3946	8.3	23 47.26	5.6152	.1914	71 40 38.7	15.566	.509	4	20.7	71 2611
4183	3947	8.0	26 5.18	5.3351	.1627	69 49 12.1	15.692	.477	2	19.7	70 2856
4184	—	8.5	26 9.46	4.9078	.1187	65 37 57.7	15.696	.439	3	21.1	65 3926
4185	3948	9.0	26 20.78	5.3271	.1622	69 46 49.6	15.706	.476	3	20.0	69 3176
4186	3949	8.5	21 26 28.75	+4.9488	−0.1228	−66 8 31.6	+15.713	+0.441	3	21.0	66 3571
4187	3950	8.6	26 47.60	5.1238	.1408	68 0 34.9	15.730	.456	3	20.7	68 3428
4188	3951	8.4	27 41.66	5.3609	.1679	70 11 31.6	15.779	.475	3	20.7	70 2857
4189	3952	8.5	28 9.80	5.2351	.1544	69 11 13.2	15.804	.463	3	21.0	69 3180
4190	3953	8.8	28 37.87	5.0097	.1312	67 3 30.3	15.830	.441	3	20.4	67 3809
4191	3954	8.9	21 29 51.07	+5.0549	−0.1372	−67 40 6.4	+15.895	+0.442	3	20.0	67 3812
4192	3955	8.9	31 5.62	5.1266	.1464	68 30 51.3	15.961	.445	3	21.0	68 3432
4193	—	8.6	31 22.26	4.8561	.1189	65 38 53.3	15.975	.421	3	21.1	65 3934
4194	3956	8.9	31 26.76	5.1534	.1498	68 48 19.2	15.979	.447	3	20.7	69 3183
4195	3957	7.0	31 44.82	5.2816	.1646	69 57 59.3	15.995	.457	3	19.7	70 2861
4196	—	8.0	21 33 29.53	+5.5035	−0.1941	−71 50 28.0	+16.087	+0.472	2	21.2	72 2623
4197	3959	8.9	34 19.45	5.2191	.1611	69 42 49.9	16.130	.445	2	19.7	69 3187
4198	3958	8.3	34 21.10	5.3958	.1821	71 8 47.3	16.131	.460	6	20.5	71 2624
4199	3960	9.0	36 36.23	5.1701	.1586	69 32 11.4	16.247	.434	3	19.7	69 3188
4200	3961	8.4	37 19.28	5.0417	.1450	68 24 27.4	16.284	.422	3	20.0	68 3440

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4201	3962	9.0	21h38m50s.32	+5s.3381	−0s.1822	−71°10′50″.1	+16″.361	+0″.443	3	20.4	71°2631
4202	3963	6.8	38 51.47	5.3603	.1850	71 21 11.0	16.362	.444	5	20.7	71 2632
4203	3964	8.3	39 21.38	5.1941	.1606	69 42 29.3	16.387	.426	3	21.0	69 3193
4204	3965	8.4	39 37.59	5.3596	.1862	71 25 47.8	16.401	.442	3	20.7	71 2633
4205	3966	8.0	40 7.95	5.0709	.1520	69 1 45.2	16.426	.417	2	19.7	69 3194
4206	3967	7.7	21 40 29.46	+4.9586	−0.1397	−67 56 30.4	+16.444	+0.406	6	20.6	68 3444
4207	3968	9.0	41 9.87	5.3643	.1894	71 37 49.9	16.478	.438	3	20.7	71 2634
4208	3969	8.9	41 22.63	5.3475	.1876	71 31 37.9	16.488	.436	3-4	20.7	71 2635
4209	3971	8.0	41 39.58	4.8730	.1317	67 9 6.8	16.502	.396	3	21.0	67 3833
4210	3970	9.0	42 0.30	5.3421	.1879	71 33 18.1	16.520	.434	2-3	19.7	71 2636
4211	3972	7.3	21 42 50.69	+4.7520	−0.1201	−65 51 4.8	+16.561	+0.383	3	20.7	66 3586
4212	3973	8.9	43 43.96	5.3313	.1895	71 39 46.1	16.605	.428	3-4	20.7	71 2638
4213	3974	(7.2)	44 28.06	5.1174	.1636	69 58 46.1	16 641	.409	F	(20.4)	70 2873
4214	3975	8.5	44 31.95	4.9569	.1445	68 26 1.6	16.644	.396	3	20.7	68 3447
4215	3976	8.4	44 46.31	4.9935	.1492	68 50 17.4	16.655	.398	3	21.1	69 3199
4216	3977	8.0	21 45 22.46	+5.1878	−0.1737	−70 42 5.9	+16.685	+0.412	3	20.7	70 2877
4217	3978	8.2	45 52.63	5.2046	.1767	70 54 3.7	16.709	.412	3-4	20.7	71 2642
4218	3979	8.9	45 54.81	5.0803	.1612	69 48 55.3	16.711	.402	3	20.0	70 2878
4219	3980	9.0	48 12.12	4 9016	.1430	68 19 31.5	16.821	.380	3	19.7	68 3449
4220	3981	8.9	48 44.19	4.7571	.1271	66 44 0.1	16.846	.369	3	21.0	66 3597
4221	3983	8.8	21 49 2.42	+4.9925	−0.1549	−69 22 9.6	+16.860	+0.386	3	21.1	69 3204
4222	3985	8.5	49 7.62	4.8800	.1416	68 12 52.1	16.864	.377	3	20.7	68 3450
4223	3982	7.0	49 8.06	5.1089	.1696	70 28 9.0	16.865	.395	3-2	20.7	70 2884
4224	3984	6.7	49 15.16	5.1020	.1689	70 25 19.6	16.870	.394	3	20.0	70 2885
4225	3986	8.8	49 30.51	5.1522	.1758	70 53 28.0	16.882	.398	2-3	20.2-20.4	71 2648
4226	3987	9.0	21 49 53.61	+4.7262	−0.1250	−66 30 40.0	+16.900	+0.363	2	19.7	66 3599
4227	3989	8.4	51 54.09	4.7819	.1337	67 28 48.7	16.994	.362	6	21.0	67 3847
4228	3988	9.3	51 58.36	5.0173	.1623	69 59 8.1	16.998	.380	3	20.0	70 2887
4229	3990	8.3	53 22.70	4.6812	.1240	66 26 29.2	17.062	.351	3	19.7	66 3604
4230	3991	8.7	54 34.42*	4.6820	.1254	66 37 48.3	17.117	.348	3	20.4	66 3605
4231	3992	8.8	21 54 58.35	+4.6428	−0.1214	−66 10 16.0	+17.135	+0.344	3	20.0	66 3606
4232	3993	8.8	55 55.57	4.9015	.1535	69 21 54.9	17.178	.361	3	19.7	69 3210
4233	—	7.7	56 25.44	4.5853	.1167	65 35 56.4	17.201	.336	3	21.1	65 3985
4234	3994	8.7	56 59.74	4.8286	.1459	68 44 12.1	17.226	.352	3	21.0	68 3456
4235	3995	9.2	58 32.27*	4.6807	.1300	67 12 40.3	17.295	.338	2	19.7	67 3854
4236	3996	8.7	22 0 19.65	+5.0599	−0.1816	−71 27 28.6	+17.374	+0.360	3	20.0	71 2659
4237	3998	8.0	0 24.40	4.5712	.1194	66 1 57.2	17.377	.325	3	21.1	66 3615
4238	3997	7.8	0 25.05	4.8175	.1493	69 6 20.0	17.378	.343	3	21.1	69 3214
4239	4000	8.0	1 41.84	4.7377	.1410	68 23 17.8	17.433	.334	2	19.6	68 3460
4240	3999	7.5	1 45.31	4.9504	.1689	70 39 8.0	17.435	.349	2	21.2	70 2899
4241	4001	8.7	22 1 54.27	+4.5586	−0.1197	−66 5 48.5	+17.442	+0.320	3	20.8	66 3619
4242	4003	8.2	2 26.23	4.6076	.1261	66 51 47.7	17.465	.322	2	19.8	67 3859
4243	4002	9.0	2 29.55	4.7072	.1383	68 8 42.4	17.467	.329	3	20.2	68 3462
4244	4004	7.5	3 14.55	4.9950	.1776	71 16 16.9	17.499	.348	3-4	20.8	71 2661
4245	4005	8.9	3 38.39	4.7042	.1395	68 17 6.3	17.516	.326	2	19.8	68 3463
4246	4006	9.0	22 3 56.62	+4.7987	−0.1520	−69 25 0.2	+17.529	+0.332	4	21.3	69 3220
4247	—	9.0	4 19.01	4.4980	.1155	65 36 30.9	17.545	.310	2	21.2	65 4000
4248	4008	7 6	4 47.38	4.7238	.1436	68 41 47.9	17.565	.324	3	20.2	68 3465
4249	4007	8.9	4 48.32	4.8330	.1579	69 54 42.3	17 566	.332	2-3	20.8	70 2901
4250	4009	8.5	5 25.40	4.5609	.1241	66 42 35.4	17.591	.311	4	20.8	66 3630

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4251	4010	9.0	22h 6m14s.59	+4s.9170	−0s.1718	−70°57′41″.5	+17″.626	+0″.334	2	19.8	71°2666
4252	4011	8.9	7 3.10	4.8151	.1590	70 3 20.5	17.659	.325	3	20.8	70 2903
4253	4012	8.8	7 29.57	4.7204	.1470	69 4 31.6	17.678	.317	4	21.3	69 3222
4254	4013	8.4	7 39.14	4.4887	.1181	66 2 30.3	17.684	.301	3	21.4	66 3637
4255	4014	9.0	7 49.70	4.5311	.1234	66 41 34.9	17.691	.303	3	20.8	66 3638
4256	4015	7.3	22 7 56.42	+4.6661	−0.1405	−68 29 51.3	+17.696	+0.312	2	19.8	68 3470
4257	4016	7.8	7 58.82	4.5621	.1274	67 9 13.2	17.698	.305	4	20.8	67 3867
4258	4017	8.9	7 59.06	4.5484	.1257	66 57 51.0	17.698	.304	2	19.8	67 3868
4259	4020	8.9	8 57.45	4.4909	.1199	66 18 9.3	17.738	.297	4	21.5	66 3640
4260	4018	8.5	9 3.39	4.8650	.1693	70 51 45.7	17.742	.323	3	21.4	71 2670
4261	4019	7.2	22 9 15.08	+4.8785	−0.1715	−71 1 27.7	+17.750	+0.323	3	20.2	71 2671
4262	4021	9.0	9 39.53	4.6821	.1451	68 58 1.7	17.766	.309	2	20.8	69 3224
4263	4022	8.7	10 50.55	4.6458	.1420	68 43 9.9	17.814	.303	2	19.8	68 3475
4264	4023	8.8	12 16.61	4.5388	.1301	67 34 1.2	17.870	.292	2	19.8	67 3879
4265	4024	8.9	12 57.59	4.5172	.1281	67 23 5.5	17.898	.289	3	20.2	67 3880
4266	4025	7.4	22 13 6.80	+4.6127	−0.1409	−68 41 3.5	+17.904	+0.295	3	21.1	68 3481
4267	—	8.8	13 24.30	4.8940	.1813	71 46 59.9	17.915	.312	3	21.4	72 2680
4268	4026	7.8	14 28.21	4.4897	.1266	67 15 41.5	17.957	.283	2	20.8	67 3882
4269	—	8.2	15 6.18	4.3751	.1131	65 36 35.3	17.982	.274	3	21.4	65 4022
4270	4027	9.0	15 16.94*	4.5854	.1404	68 42 23.7	17.988	.287	2	19.8	68 3484
4271	4028	9.0	22 15 49.31	+4.7820	−0.1690	−71 3 10.5	+18.009	+0.298	3	21.4	71 2680
4272	4029	8.7	16 15.55	4.6813	.1552	70 1 52.2	18.026	.291	3	20.2	70 2922
4273	4030	8.5	16 28.34	4.4784	.1278	67 27 43.3	18.034	.277	2	19.8	67 3886
4274	—	8.9	16 52.80	4.8460	.1807	71 51 9.5	18.050	.300	3	21.1	72 2686
4275	4032	8.8	18 24.36	4.4434	.1258	67 18 20.6	18.107	.271	3	20.8	67 3890
4276	4031	8.7	22 18 31.11	+4.5902	−0.1459	−69 19 35.9	+18.111	+0.279	2	19.8	69 3234
4277	4033	8.3	18 49.86	4.3948	.1200	66 38 32.3	18.123	.266	3	21.4	66 3660
4278	4036	7.4	19 16.28	4.3500	.1149	66 0 6.2	18.140	.262	3	21.4	66 3661
4279	4035	8.8	19 19.18	4.4275	.1249	67 14 25.9	18.141	.267	3	21.1	67 3892
4280	4034	(5.9)	19 19.97	4.7056	.1640	70 48 38.7	18.142	.284	3	20.2	71 2686
4281	4037	8.9	22 20 12.93	+4.5369	−0.1411	−68 56 41.3	+18.175	+0.271	2	19.8	69 3237
4282	4038	8.7	21 11.03	4.4206	.1266	67 29 34.2*	18.210	.262	3	21.4	67 3895
4283	4039	8.6	21 33.63	4.6090	.1536	70 5 11.5	18.224	.272	2	19.8	70 2930
4284	4040	9.0	22 13.33	4.3424	.1176	66 27 52.9	18.248	.254	3	21.1	66 3668
4285	4041	8.9	22 42.25	4.5508	.1470	69 34 29.3	18.265	.266	2	20.8	69 3239
4286	4042	6.5	22 23 7.35	+4.4208	−0.1293	−67 52 13.9	+18.280	+0.257	3	20.2	68 3493
4287	4043	8.0	23 40.54	4.5564	.1494	69 49 16.4	18.300	.263	3	21.4	70 2932
4288	4044	8.8	24 6.68	4.3278	.1181	66 36 24.2	18.316	.249	3	21.4	66 3670
4289	4045	8.8	24 30.75	4.5312	.1471	69 39 17.8	18.330	.260	2	19.8	69 3240
4290	4047	9.0	24 44.33	4.2719	.1115	65 46 23.7	18.338	.244	2	19.8	66 3674
4291	4046	8.8	22 24 58.07	+4.6971	−0.1732	−71 39 43.9	+18.346	+0.268	3	21.1	71 2695
4292	4049	8.8	25 2.99	4.3264	.1191	66 46 31.6	18.349	.246	3	20.2	67 3899
4293	4048	8.7	25 19.77	4.6875	.1724	71 37 21.3	18.359	.266	3	20.8	71 2699
4294	4050	8.3	25 23.76	4.3792	.1268	67 41 20.7	18.361	.248	3	21.4	67 3900
4295	4051	8.9	25 42.71	4.4697	.1401	69 3 55.9	18.372	.253	3	21.4	69 3241
4296	4052	9.1	22 26 0.16	+4.4899	−0.1435	−69 23 35.3	+18.382	+0.253	2	19.8	69 3242
4297	4053	9.2	26 8.76	4.2865	.1153	66 19 39.1	18.387	.241	2	19.8	66 3677
4298	4054	7.2	26 34.26	4.4892	.1443	69 29 33.4	18.402	.252	3	21.1	69 3243
4299	4055	9.0	26 49.63	4.2906	.1167	66 32 31.6	18.411	.239	3	20.8	66 3678
4300	4056	9.0	27 22.47	4.6573	.1717	71 39 5.7	18.430	.259	3	20.2	71 2704

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4301	4057	8.9	22h27m26s.51	+4s.2422	−0s.1110	−65°48′59″.9	+18″.432	+0″.235	3	21.4	66°3680
4302	4058	9.1	28 11.46	4.2916	.1186	66 50 59.4	18.458	.236	2	19.8	67 3906
4303	4059	9.0	28 45.74	4.3940	.1339	68 35 20.4	18.477	.240	2	19.8	68 3507
4304	4061	9.1	30 18.41	4.2074	.1100	65 48 29.1	18.529	.226	3	20.2	66 3683
4305	4060	7.4	30 27.23	4.5809	.1655	71 21 8.2	18.534	.246	3	21.4	71 2706
4306	4062	8.9	22 30 59.00	+4.2367	−0.1149	−66 29 54.5	+18.552	+0.226	3	21.1	66 3684
4307	4063	8.5	31 52.04	4.2120	.1127	66 14 49.1	18.581	.222	2	19.8	66 3685
4308	4065	9.1	32 15.15	4.2773	.1224	67 29 18.2	18.593	.225	2	19.8	67 3910
4309	4066	7.8	32 20.14	4.1907	.1104	65 57 19.5	18.596	.220	3	20.8	66 3686
4310	4064	8.5	32 24.46	4.4181	.1435	69 40 17.5	18.599	.232	3	21.8	69 3248
4311	4067	9.1	22 33 13.99	+4.5033	−0.1584	−70 57 1.5	+18.625	+0.235	3	21.4	71 2709
4312	4068	9.2	33 38.39	4.5553	.1677	71 39 0.1	18.638	.236	4	21.0	71 2711
4313	4069	7.3	34 9.27	4.3109	.1302	68 27 1.5	18.655	.222	3	20.2	68 3516
4314	4071	8.5	35 8.67	4.1676	.1109	66 10 10.8	18.686	.212	2	19.8	66 3690
4315	4070	8.8	35 14.33	4.3389	.1362	69 7 4.4	18.689	.221	3	21.4	69 3252
4316	4072	8.8	22 35 19.32	+4.1616	−0.1103	−66 5 47.4	+18.692	+0.211	2	21.3	66 3692
4317	4073	8.9	35 28.91	4.2460	.1226	67 40 38.6	18.697	.215	3	20.8	67 3913
4318	4074	7.2	35 31.32	4.2693	.1261	68 4 45.7	18.698	.216	3	21.4	68 3518
4319	4075	8.6	36 5.79	4.1438	.1089	65 55 56.7	18.716	.208	3	21.4	66 3695
4320	4076	8.9	36 27.90	4.3599	.1415	69 41 25.8	18.728	.219	2	20.8	69 3255
4321	4077	9.0	22 36 31.42	+4.1403	−0.1090	−65 58 13.6*	+18.730	+0.207	3	20.8	66 3696
4322	4078	8.0	36 48.19	4.2956	.1322	68 47 28.9	18.739	.214	3	21.4	69 3258
4323	4079	8.8	36 54.58	4.3853	.1464	70 8 43.5	18.742	.219	2-3	20.7-20.4	70 2953
4324	4080	8.6	37 0.87	4.2578	.1268	68 13 32.5	18.745	.212	3	20.2	68 3519
4325	4081	8.8	38 54.70	4.3242	.1403	69 41 46.3	18.803	.210	3	20.4	69 3262
4326	4082	9.0	22 38 56.33	+4.1434	−0.1128	−66 37 10.0	+18.804	+0.201	3	20.2	66 3698
4327	4083	8.6	39 10.35	4.3529	.1454	70 10 17.3	18.811	.211	1	21.8	70 2957
4328	4084	8.9	40 0.10	4.1262	.1118	66 32 41.6	18.836	.198	2	21.2	66 3704
4329	4085	9.0	40 10.92	4.1764	.1190	67 32 52.0	18.841	.200	2	19.8	67 3916
4330	4086	8.1	40 30.24*	4.2349	.1290	68 38 55.3	18.851	.202	2	20.8	68 3528
4331	4087	8.1	22 40 32.05	+4.1169	−0.1112	−66 29 37.9	+18.852	+0.196	3	20.8	66 3706
4332	4088	9.2	40 59.28	4.1680	.1195	67 35 23.3	18.865	.197	3	20.2	67 3918
4333	4089	8.9	41 25.44	4.2464	.1323	69 3 14.3	18.878	.200	3	21.4	69 3266
4334	4090	7.6	41 34.34	4.2997	.1412	69 55 20.9	18.883	.202	3	21.4	70 2960
4335	4091	7.0	42 14.78	4.2861	.1402	69 52 13.2	18.902	.200	2	20.8	70 2961
4336	4092	7.0	22 42 33.78	+4.0657	−0.1066	−65 57 20.6	+18.911	+0.188	2	19.8	66 3709
4337	4093	8.8	42 52.98	4.1222	.1154	67 11 41.5	18.921	.190	2	19.8	67 3919
4338	4094	7.2	43 8.22*	4.3744	.1569	71 19 45.8	18.928	.202	3	20.8	71 2723
4339	4096	9.0	43 9.41	4.0502	.1052	65 46 46.8	18.929	.186	3	21.8	66 3710
4340	4095	8.8	43 11.35	4.1982	.1277	68 39 57.1	18.929	.193	3	21.4	68 3531
4341	4097	9.0	22 43 29.24	+4.0891	−0.1114	−66 41 26.6	+18.938	+0.187	2	20.8	66 3711
4342	4098	8.6	43 41.85	4.2225	.1325	69 12 3.1	18.944	.193	3	20.2	69 3270
4343	4099	6.5	43 57.26	4.3190	.1491	70 44 42.5	18.951	.197	2	19.8	71 2726
4344	4100	9.0	44 21.32	4.3744	.1595	71 35 43.7	18.963	.199	3	20.8	71 2727
4345	4101	9.0	44 31.80	4.2964	.1464	70 32 52.5	18.968	.195	2-3	21.3-21.4	70 2966
4346	4102	7.8	22 45 4.49	+4.0573	−0.1089	−66 26 50.0	+18.983	+0.182	3	21.4	66 3713
4347	4103	8.2	45 34.82	4.2053	.1331	69 22 17.1	18.997	.188	3	20.2	69 3274
4348	—	7.8	45 45.37	4.3683	.1615	71 49 23.5	19.002	.195	2	20.8	72 2723
4349	4106	8.4	45 45.89	4.0332	.1064	66 6 48.6	19.002	.179	3	21.4	66 3714
4350	4104	9.0	45 46.15	4.2615	.1429	70 18 48.5	19.002	.190	3	20.8	70 2967

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4351	4105	9.0	22h45m48s.72	+4s.1140	−0s.1188	−67°47′36″.8	+19″.004	+0″.183	2	19.8	68°3537
4352	4107	9.0	46 44.06	4.1906	.1328	69 24 31.3	19.029	.184	3	21.4	69 3275
4353	4108	8.4	47 1.15	4.0279	.1074	66 20 44.1	19.037	.176	3	21.1	66 3718
4354	4109	8.9	47 45.86	4.0547	.1127	67 7 34.0	19.057	.175	3	20.4	67 3925
4355	4110	8.8	49 11 67	4.1338	.1280	69 2 46.8	19.096	.176	3	20.8	69 3282
4356	4111	(6.6)	22 49 27.85	+4.2144	−0.1422	−70 28 29.5	+19.103	+0.178	F	(20.3-19.8)	70 2971
4357	4112	9.0	49 30.66	4.0575	.1160	67 39 57.3	19.104	.171	3	20.8	67 3927
4358	4113	7.5	49 36.56	4.0733	.1187	68 0 38.7	19.107	.171	3	21.4	68 3541
4359	4115	8.9	49 54.41	4.1111	.1255	68 49 4.7	19.114	.172	2	20.8	69 3286
4360	4114	7.8	49 55.01	4.1490	.1319	69 30 12.0	19.115	.174	2	21.8	69 3285
4361	4116	8.7	22 50 21.42	+3.9757	−0.1044	−66 6 46.8	+19.126	+0.165	2	19.8	66 3720
4362	4117	9.1	50 34.39	4.0143	.1108	67 3 7.8	19.132	.166	3	20.8	67 3929
4363	4118	9.1	50 43.03	4.0200	.1120	67 12 56.1	19.136	.166	3	21.4	67 3930
4364	4119	8.8	51 0.68	4.1639	.1366	70 2 34.4	19.143	.172	2	21.8	70 2975
4365	4120	8.3	51 22.03	4.1097	.1280	69 11 4.1	19.154	.169	3	20.2	69 3289
4366	4121	8.9	22 51 32.99	+4.1447	−0.1343	−69 51 16.8	+19.157	+0.170	3	21.1	70 2976
4367	4122	8.6	52 34.92	4.1980	.1460	71 0 0.0	19.184	.169	2	19.8	71 2735
4368	4123	8.8	52 44.42	4.1264	.1335	69 51 8.5	19.188	.166	2	19.8	70 2981
4369	4124	8.5	52 48.97	4.1281	.1347	69 54 6.6	19.190	.166	3	20.8	70 2982
4370	4125	8.1	53 7.88	3.9669	.1075	66 44 13.9	19.198	.158	3	21.4	67 3932
4371	4126	8.1	22 53 29.17	+3.9226	−0.1008	−65 46 21.5	+19.206	+0.155	3	20.2	66 3724
4372	4127	8.8	53 34.37	3.9274	.1016	65 55 10.9	19.209	.155	2	21.8	66 3725
4373	4128	9.0	54 1.98	4.0336	.1199	68 27 12.7	19.220	.159	3	21.1	68 3546
4374	4129	8.4	54 6.72	4.0081	.1158	67 56 45.4	19.222	.158	2	19.8	68 3547
4375	4130	8.8	54 9.08	4.0396	.1212	68 36 34.7	19.223	.159	2	19.8	68 3548
4376	4131	8.9	22 54 57.03	+3.9471	−0.1071	−66 49 37.9	+19.243	+0.153	2-3	20.8	67 3934
4377	4132	8.6	55 6.33	3.9624	.1099	67 13 58.8	19.247	.153	3	20.2	67 3936
4378	4133	9.0	55 31.70	3.9871	.1148	67 54 55.6	19.257	.153	3	21.4	68 3553
4379	4134	8.7	55 48.74	3.9051	.1016	66 4 2.7	19.264	.159	2	21.8	66 3732
4380	4135	8.8	56 51.75	3.9410	.1093	67 16 52.5	19.289	.148	5	20.6	67 3937
4381	4136	8.4	22 57 2.22	+4.1274	−0.1430	−71 1 47.1	+19.293	+0.155	3	20.8	71 2738
4382	4137	8.8	57 9.21	4.0716	.1329	70 5 5.2	19.296	.152	3	21.4	70 2984
4383	4138	8.4	57 11.93*	3.9012	.1032	66 25 4.9	19.297	.146	3-2	20.2-20.3	66 3736
4384	4139	9.0	58 37.50	4.0161	.1258	69 27 9.6	19.330	.147	2	19.8	69 3296
4385	4140	8.8	59 9.37	3.9745	.1194	68 45 7.1	19.343	.144	2	20.8	69 3299
4386	—	9.0	22 59 20.51	+4.1350	−0.1500	−71 47 4.1	+19.347	+0.149	3	21.1	72 2747
4387	4141	8.8	59 42.55	3.9680	.1193	68 47 0.8	19.355	.142	3	21.4	69 3300
4388	4143	9.0	59 55.17	3.9434	.1153	68 18 24.9	19.360	.141	2	20.8	68 3555
4389	4142	(5.8)	59 55.80	3.9856	.1229	69 13 34.3	19.360	.142	F	(19.8)	69 3301
4390	4144	8.6	23 0 1.95	3.9088	.1094	67 32 3.1	19.362	.139	3	20.2	67 3941
4391	4145	9.1	23 0 17.78	+3.9184	−0.1116	−67 51 9.0	+19.368	+0.139	2	20.8	68 3556
4392	4146	8.7	1 10.67	3.8257	.0972	65 44 42.4	19.388	.133	3	20.8	66 3741
4393	4147	9.5	1 18.12	3.9298	.1156	68 26 43.2	19.391	.137	1	21.8	68 3557
4394	4148	9.1	1 53.47	3.8566	.1037	66 50 48.1	19.404	.133	2	20.8	67 3943
4395	4149	8.9	2 6.25	3.9952	.1295	70 5 38.3	19.408	.137	3	20.2	70 2992
4396	4151	8.5	23 2 56.56	+3.8507	−0.1046	−67 3 28.0	+19.427	+0.130	2	19.8	67 3944
4397	4150	8.6	3 0.66	3.9987	.1322	70 26 42.3	19.428	.135	3	21.4	70 2993
4398	4152	8.7	4 13.55	3.8176	.1010	66 37 11.5	19.454	.126	2	19.8	66 3745
4399	4153	8.9	4 46.55	3.8212	.1027	66 55 18.5	19.466	.125	2	19.8	67 3947
4400	4155	7.8	4 55.34	3.8178	.1023	66 52 45.4	19.469	.124	3	20.5	67 3948

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4401	4154	8.9	23h 4m56s.90	+4s.0019	−0s.1375	−71° 6′38″.2	+19″.469	+0″.130	1	20.8	71°2749
4402	4156	6.5	4 57.34	3.8709	.1121	68 16 54.8	19.469	.126	3	20.1	68 3560
4403	4157	8.6	4 58.30	3.8647	.1110	68 8 5.5	19.470	.126	2	21.8	68 3561
4404	4158	7.0	5 25.04	3.8252	.1046	67 15 55.4	19.479	.123	3	20.8	67 3949
4405	4159	8.5	5 29.75	3.9038	.1195	69 15 9.9	19.480	.126	3	21.4	69 3306
4406	4160	8.7	23 6 5.03	+3.9032	−0.1207	−69 26 18.7	+19.493	+0.124	2	19.8	69 3308
4407	4161	(8.1)	7 21.06	3.9331	.1296	70 31 15.2	19.518	.122	2	19.8	70 2996
4408	4162	9.0	7 48.57	3.9626	.1369	71 16 13.3	19.527	.122	3	20.2	71 2753
4409	4164	8.0	9 8.07	3.8272	.1126	68 41 58.7	19.553	.114	2	19.8	68 3563
4410	4163	(8.4)	9 8.61	3.9579	.1395	71 37 7.8	19.553	.119	2	19.8	71 2754
4411	4165	7.5	23 9 16.43	+3.8998	−0.1276	−70 28 6.0	+19.556	+0.116	3	20.8	70 2999
4412	4166	8.6	9 26.01	3.9101	.1302	70 44 48.3	19.559	.116	3	21.4	71 2755
4413	—	9.0	9 27.55	3.9600	.1408	71 45 48.4	19.559	.118	2	21.8	72 2752
4414	4167	8.8	10 0.46	3.7418	.0980	66 37 28.2	19.570	.110	2-3	19.8-20.2	66 3757
4415	4168	(8.8)	10 11.22	3.7197	.0942	65 59 21.8	19.573	.109	2	19.8	66 3758
4416	4169	8.0	23 10 38.42	+3.9134	−0.1341	−71 14 11.3	+19.582	+0.114	2	20.8	71 2756
4417	4170	8.7	10 58.38	3.7509	.1016	67 17 49.6	19.588	.108	2	19.8	67 3953
4418	4171	8.6	11 2.09	3.7596	.1035	67 34 50.8	19.589	.108	2	19.8	67 3954
4419	—	9.0	11 11.26	3.6974	.0920	65 40 3.1	19.592	.106	3	20.8	65 4118
4420	4172	8.8	11 12.63	3.7555	.1030	67 31 53.1	19.592	.107	3	21.4	67 3956
4421	4173	9.0	23 11 15.76	+3.8042	−0.1128	−68 54 42.7	+19.593	+0.109	3	20.5	69 3312
4422	4174	8.2	11 23.24	3.8591	.1245	70 18 48.1	19.595	.110	2	21.8	70 3000
4423	4175	(8.6)	11 50.31	3.8670	.1274	70 39 38.4	19.604	.109	2	21.8	70 3001
4424	4176	8.9	12 17.00	3.6970	.0939	66 7 42.5	19.612	.103	2	19.8	66 3762
4425	4177	8.9	12 26.21	3.7294	.1005	67 15 0.8	19.615	.104	2	20.8	67 3958
4426	4178	8.8	23 12 35.42	+3.7302	−0.1010	−67 20 19.7	+19.617	+0.103	3-4	21.1-21.0	67 3959
4427	4179	8.6	12 38.85	3.7288	.1008	67 19 12.2	19.618	.102	2	21.3	67 3960
4428	4180	6.5	13 42.51	3.7324	.1038	67 52 54.2	19.637	.101	3	20.4	68 3567
4429	—	7.5	14 12.33	3.6606	.0907	65 42 45.5	19.646	.098	2	21.8	65 4121
4430	4181	8.6	14 43.64	3.8231	.1256	70 43 57.8	19.655	.101	2	19.8	71 2757
4431	4182	8.7	23 14 44.86	+3.8524	−0.1322	−71 24 54.5	+19.655	+0.102	2	20.8	71 2758
4432	4183	8.9	15 1.28	3.7548	.1116	69 5 24.5	19.660	.098	3	20.2	69 3316
4433	4184	8.9	15 28 13*	3.6674	.0945	66 32 39.9	19.667	.095	2-3	20.8	66 3766
4434	4185	8.5	15 31.22	3.7023	.1017	67 44 2.4	19.668	.096	2	19.8	68 3568
4435	4186	8.8	16 13.02	3.7580	.1153	69 40 45.0	19.680	.096	2	19.8	69 3317
4436	—	7.9	23 17 56.24	+3.6123	−0.0885	−65 40 24.5	+19.708	+0.088	4	21.3	65 4133
4437	4187	8.9	18 22.66	3.6294	.0929	66 33 19.3	19.715	.087	2-3	20.8-20.4	66 3768
4438	4188	9.0	19 50.71	3.6850	.1087	69 10 13.9	19.738	.085	2	19.8	69 3319
4439	4189	8.1	20 43.77	3.7468	.1258	71 19 20.8	19.751	.085	2	19.8	71 2761
4440	4190	8.8	21 52.30	3.6330	.1022	68 26 46.3	19.768	.079	3	20.5	68 3570
4441	4191	9.0	23 22 6.04	+3.7063	−0.1203	−70 51 1.9	+19.771	+0.080	2	19.8	71 2762
4442	4192	8.8	22 36.65*	3.6959	.1194	70 47 50.8	19.779	.079	2	19.8	71 2763
4443	4193	7.2	22 41.35	3.5829	.0929	66 59 36.5	19.780	.076	3	20.4	67 3964
4444	4194	8.8	23 17.97	3.5509	.0871	65 58 40.9	19.788	.074	2	20.8	66 3774
4445	4195	8.7	23 39.76	3.5777	.0941	67 19 19.5	19.793	.074	2-3	20.8	67 3966
4446	4196	9.0	23 24 14.46	+3.5504	−0.0892	−66 29 55.5	+19.801	+0.072	2	19.8	66 3776
4447	4197	8.6	24 56.07	3.5676	.0951	67 37 47.3	19.811	.071	2	21.8	67 3967
4448	4198	9.0	26 31.18	3.5930	.1060	69 29 50.4	19.831	.071	2	19.8	69 3324
4449	4199	7.0	26 33.33	3.5922	.1058	69 29 16.1	19.832	.068	4	20.5	69 3325
4450	4200	7.8	30 7.54	3.5884	.1174	71 22 46.5	19.875	.060	7	20.5	71 2765

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4451	4201	8.8	23h30m20ˢ.18	+3ˢ.5594	−0ˢ.1100	−70°28′59″.8	+19″.877	+0″.059	2	19.8	70°3011
4452	4202	9.0	31 7.30	3.4543	.0840	66 14 39.3	19.886	.055	2	19.8	66 3783
4453	4203	9.0	31 33.22	3.5508	.1122	70 54 30.0	19.891	.056	2	19.8	71 2766
4454	4204	8.6	32 56.71	3.5161	.1075	70 27 12.8	19.905	.052	2	19.8	70 3013
4455	4206	8.9	33 44.41	3.4410	.0884	67 27 49.9	19.913	.049	3	20.2	67 3971
4456	4207	8.9	23 33 44.54	+3.4119	−0.0801	−65 44 52.8	+19.913	+0.048	2	19.8	66 3786
4457	4205	8.0	33 48.13	3.5236	.1135	71 19 9.8	19.914	.050	2	19.8	71 2767
4458	4208	9.0	34 45.35	3.4425	.0924	68 19 38.4	19.923	.047	3	20.2	68 3576
4459	4209	8.8	35 21.60	3.4586	.0996	69 36 36.1	19.929	.046	2	19.8	69 3329
4460	4210	7.0	35 27.54	3.4039	.0833	66 40 7 9	19.930	.044	3	20.2	66 3787
4461	4211	(8.0)	23 35 45.58	+3.4952	−0.1130	−71 31 56.5	+19.933	+0.045	2	19.8	71 2769
4462	4212	8.9	35 57.48	3.4493	.0991	69 36 36.4	19.934	.044	2	19.8	69 3330
4463	—	8.9	36 36.46	3.3742	.0783	65 41 32.3	19.940	.042	3	20.8	65 4156
4464	4214	8.1	37 47.80	3.3958	.0894	68 11 10.8	19.951	.039	7	20.8	68 3577
4465	4213	8.0	37 47.81	3.4251	.0991	69 51 10.5	19.951	.040	2	19.8	70 3015
4466	4215	8.9	23 38 45.00	+3.3645	−0.0829	−67 0 54.7	+19.959	+0.037	4	20.3	67 3978
4467	4216	7.9	39 1.23	3.4324	.1075	71 14 8.6	19.961	.037	3	20.8	71 2770
4468	4217	8.9	39 28.87	3.3727	.0887	68 16 49.9	19.965	.035	3	21.1	68 3579
4469	4218	8.8	39 29.42*	3.3391	.0772	65 50 51.5	19.965	.036	3	21.1	66 3791
4470	4219	9.0	39 41.20	3.3785	.0916	68 50 48.1*	19.966	.035	3	20.2	69 3332
4471	4220	8.9	23 39 49.13	+3.3356	−0.0773	−65 54 23.7	+19.967	+0.034	2	20.8	66 3792
4472	4221	(7.0)	40 8.86	3.4068	.1040	70 54 28.9	19.970	.034	F	(20.6-20.7	71 2771
4473	4222	9.0	41 30.87	3.3702	.0975	70 6 0.5*	19.980	.031	3	20.2	70 3017
4474	4223	8.3	41 53.27	3.3246	.0820	67 16 9.4	19.982	.030	2	19.8	67 3980
4475	4224	8.5	42 16.70	3.3812	.1061	71 29 27.6	19.985	.030	6	20.5	71 2774
4476	—	7.2	23 43 12.23	+3.3691	−0.1068	−71 43 21.8	+19.990	+0.027	4	21.3	72 2783
4477	4225	7.3	43 15.58	3.3244	.0887	68 48 35.6	19.991	.027	3	20.2	69 3335
4478	4226	8.8	43 20.44	3.3207	.0875	68 36 58.0	19.992	.027	2	19.8	68 3581
4479	4227	8.6	43 22.56	3.3142	.0851	68 8 14.8	19.992	.026	2	19.8	68 3582
4480	—	(7.5)	43 35.39	3.2841	.0741	65 39 28.3	19.993	.026	4	21.5	65 4173
4481	4228	7.2	23 43 52.15	+3.2940	−0.0794	−66 59 5.0	+19.995	+0.025	2	19.8	67 3981
4482	4229	8.9	44 27.78	3.3209	.0940	69 57 23.1	19.999	.024	3	20.8	70 3020
4483	4230	8.9	44 29.58	3.2938	.0824	67 45 37.1	19.999	.024	3	21.1	68 3583
4484	4231	7.6	45 24.29	3.2700	.0770	66 40 22.6	20.004	.022	4	21.3	66 3799
4485	4232	8.7	45 30.30	3.2857	.0846	68 21 34.5	20.005	.022	2	19.8	68 3584
4486	4233	7.0	23 45 52.39	+3.2582	−0.0742	−66 3 29.4	+20.007	+0.021	3	20.8	66 3801
4487	4234	8.9	46 8.60	3.2993	.0950	70 22 50.2	20.008	.021	2	19.8	70 3021
4488	4235	7.6	46 28.64	3.2837	.0897	69 30 32.3	20.010	.020	3	20.2	69 3336
4489	4236	9.1	46 31.52	3.2915	.0939	70 14 59.1	20.010	.020	3	20.2	70 3022
4490	4237	8.5	47 8.18	3.2391	.0722	65 43 56.3	20.013	.018	2	19.8	66 3803
4491	4238	7.7	23 48 36.55	+3.2409	−0.0826	−68 26 28.3	+20.020	+0.015	7	20.9	68 3585
4492	4239	8.8	49 10.43	3.2219	.0762	67 3 44.7	20.022	.014	3	20.2	67 3986
4493	4240	8.9	49 19.10	3.2330	.0836	68 45 53.1	20.023	.013	3	20.2	69 3337
4494	4241	7.2	49 41.51	3.2101	.0731	66 21 59.2	20.024	.013	5	20.4	66 3810
4495	4242	8.5	49 47.52	3.2466	.0958	71 5 47.5	20.025	.012	2	19.8	71 2779
4496	4243	8.7	23 50 57.21	+3.2189	−0.0892	−70 9 14.4	+20.029	+0.011	3	20.2	70 3025
4497	4244	9.1	52 21.27	3.2044	.0943	71 17 9.7	20.034	.007	2	19.8	71 2780
4498	4245	9.1	52 30.63	3.1717	.0706	66 11 14.4	20.034	.007	2	19.8	66 3815
4499	4246	8.7	53 2.97	3.1732	.0773	68 0 47.1	20.035	.005	2	19.8	68 3589
4500	4247	8.4	53 37.03	3.1572	.0699	66 11 33.4	20.037	.004	3	20.2	66 3817

N°	Index	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	N° Obs.	Ep.	C. P. D.
4501	4248	7.8	23h53m58s.44	+3s.1573	−0s.0743	−67°25′24″.3	+20″.038	+0″.004	3	20.2	67°3991
4502	4249	9.0	53 59.87	3.1616	.0787	68 29 37.4	20.038	.004	2	19.8	68 3590
4503	4250	8.3	55 7.34	3.1512	.0841	70 4 19.2	20.040	.001	3	21.1	70 3032
4504	4251	8.8	55 26.25	3.1324	.0679	65 56 24 9	20.041	+ .001	4	21.3	66 3818
4505	4252	(4.4)	56 1.82	3.1248	.0677	65 59 40.1	20.042	— .001	F	(20.2)	66 3819
4506	4253	7.8	23 56 43.85	+3.1179	−0.0711	−67 6 0.9	+20.043	−0.002	3	21.1	67 3997
4507	4254	8.5	56 48.69	3.1241	.0836	70 5 31.9*	20.043	.002	3	21.1	70 3034
4508	4255	8.6	57 25.89	3.1113	.0772	68 47 17.5	20.043	.003	2	21.3	69 3344
4509	4256	8.8	57 29.27	3.1143	.0851	70 32 35.3	20.043	.004	2	19.8	70 3036
4510	4257	9.0	57 56.42	3.1033	.0757	68 31 18.8	20.044	.004	2	19.8	68 3591
4511	4258	8.6	23 58 12.03	+3.1011	−0.0804	−69 41 13.3	+20.044	−0.005	3	20.7	69 3345
4512	4259	8.9	59 41.48	3.0769	.0656	66 14 44.8	20.045	.008	5	20.2	66 3822
4513	4260	9.0	59 52.96	3.0746	.0765	69 6 28.9	20.045	.008	5	20.6	69 3346

APÉNDICE I

Lista de zonas

Zonas	Fechas	Cl	Número de ✱	$c-k$	n	P. del E.	$\Delta t+m$	Observaciones y clase de imágenes
	Año 1919							
1	Enc. 15	E	56	—0ˢ.044	+0ˢ.311	—0′ 2″.9	+20ˢ.15	
2	21	E	79	—0.047	+0.186	—0 2.3	+20.94	
3	23	E	60	—0.048	+0.258	—0 2.0	+21.52	
4	25	E	59	—0.049	+0.254	—0 2.6	+21.50	
5	27	E	55	—0.050	+0.243	—0 2.9	+22.14	Imágenes muy movedizas. Pasaron nubes.
6	Mar. 5	E	54	—0.054	+0.222	—0 2.7	+23.03	Imágenes difusas. No fué posible leer el nadir.
7	11	E	54	—0.058	+0.165	—0 2.5	+23.36	Imágenes regulares. A intervalos pasaron nubes. Suspendido por haberse nublado.
8	15	O	75	+0.025	+0.170	+1 50.5	+23.68	Al principio imágenes aceptables, en la última parte muy movedizas.
9	17	O	84	+0.025	+0.139	+1 49.8	+23.80	Las tres primeras horas buenas imágenes. Al final pasaron nubes.
10	21	O	43	+0.026	+0.065	+1 49.2	+24.15	Durante la primera hora no funcionó el micrómetro, lo mismo en la cuarta hora.
11	22	O	91	+0.027	+0.010	+1 48.7	+25.12	Durante la primera hora imágenes buenas, después un poco movedizas.
12	29	O	51	+0.027	+0.106	+1 50.4	+25.49	El cronógrafo dejó de funcionar. Imágenes muy movedizas.
13	Abril 8	E	40	—0.070	+0.009	+0 2.7	+10.31	Suspendido por mal funcionamiento del micrómetro.
14	Mayo 5	O	49	+0.059	+0.031	+2 0.2	+ 1.30	Cielo velado. Imágenes movedizas.
15	22	O	49	+0.055	+0.014	+2 3.4	+ 4.15	Muy malas imágenes, movedizas.
16	24	E	46	—0.089	—0.071	+0 16.1	+ 4.44	Buenas imágenes.
17	28	E	49	—0.091	—0.006	+0 14.4	+ 5.14	En la primera hora buenas imágenes, al final movedizas.
18	Junio 4	E	49	—0.047	—0.038	+0 14.0	+ 6.29	
19	6	E	53	—0.097	+0.113	+0 14.8	+ 7.21	Imágenes aceptables. Pasaron algunas nubes.
20	8	E	31	—0.098	—0.045	+0 14.3	+ 7.34	
21	18	O	51	+0.075	+0.285	+2 41.8	+ 8.92	
22	20	O	44	+0.077	+0.298	+2 41.3	+ 8.64	
23	Julio 2	E	37	—0.125	—0.035	+0 47.6	+10.68	Imágenes muy movedizas. Observaciones de escaso valor.
24	4	E	41	—0.126	—0.001	+0 47.6	+10.76	
25	30	O	85	+0.104	+0.150	+2 31.7	+13.74	Buenas imágenes en las dos primeras horas. Al final movedizas y un poco difusas.
26	Ago. 1	O	91	+0.107	+0.137	+2 31.5	+14.07	
27	3	O	56	+0.110	+0.153	+2 30.4	+14.33	Imágenes movedizas y difusas, sobre todo al final. Observaciones de poco valor.
28	7	O	86	+0.116	+0.158	+2 33.9	+14.69	
29	9	O	48	+0.119	+0.114	+2 34.3	+14.95	Imágenes buenas. Al final nubes.
30	11	O	91	+0.122	+0.180	+2 33.8	+15.12	Imágenes difusas y un poco movedizas al principio.
31	17	O	50	+0.130	+0.180	+2 31.2	+16.01	Imágenes muy movedizas.
32	27	E	82	—0.170	+0.104	+0 45.2	+17.62	
33	Sept. 11	E	85	—0.160	+0.158	+0 40.5	+20.58	Las dos primeras horas buenas imágenes, al final movedizas. Cielo velado.
34	13	E	77	—0.159	+0.161	+0 41.0	+20.91	
35	15	E	85	—0.158	+0.234	+0 42.0	+21.33	Buenas imágenes.
36	Oct. 1	O	90	+0.128	+0.169	+2 32.6	+24.26	
37	5	O	41	+0.132	+0.069	+2 33.7	+24.82	Cielo velado. Imágenes movedizas. Suspendido a causa de las nubes.
38	15	O	87	+0.144	+0.220	+2 32.3	+26.84	Imágenes muy movedizas. Cielo a intervalos velado.
39	21	E	71	—0.183	+0.105	+0 43.4	+27.86	
40	23	E	127	—0.183	+0.098	+0 41.8	+28.21	Buenas Imágenes.
41	29	E	90	—0.184	+0.079	+0 41.1	+29.02	Las dos primeras horas buenas imágenes, al final muy movedizas.

Zonas	Fechas	Cl	Número de ★	$c-k$	n	P. del E.	$\Delta t+m$	Observaciones y clase de imágenes
	Año 1919							
42	Nov. 4	E	61	—0ˢ.184	+0ˢ.124	+0′41″.9	+30ˢ.06	Imágenes difusas y muy movedizas.
43	6	E	104	—0.184	+0.106	+0 40.6	+30.37	
44	8	E	95	—0.185	+0.069	+0 40.5	+30.68	
45	10	E	55	—0.185	+0.100	+0 40.9	+30.97	Nubes.
46	12	E	30	—0.185	+0.175	+0 42.9	+31.52	Suspendido por estar el cielo muy velado.
47	14	E	86	—0.185	+0.094	+0 41.8	+31.85	
48	18	O	88	+0.152	+0.247	+2 20.9	+32.48	
49	22	O	89	+0.148	+0.218	+2 25.0	+33.05	Imágenes un poco movedizas, al final cielo velado.
50	24	O	88	+0.146	+0.150	+2 25.1	+32.47	Imágenes regulares, algo movedizas.
51	26	O	90	+0.144	+0.284	+2 25.9	+32.25	Imágenes difusas; al principio movedizas.
52	Dic. 8	O	51	+0.132	+0.186	+2 26.0	— 5.03	Imágenes difusas y muy movedizas.
53	10	O	102	+0.130	+0.210	+2 25.3	— 7.31	Condiciones atmosféricas muy variables. Primera hora buenas imágenes. Segunda y tercera horas cielo velado, imágenes difusas. Al final mejorando.
54	18	E	95	—0.157	+0.056	+0 38.1	— 4.75	
55	22	E	87	—0.157	+0.016	+0 40.5	— 7.58	Imágenes aceptables.
56	24	E	70	—0.157	+0.017	+0 40.8	—27.33	Primera mitad buenas imágenes; al final difusas y movedizas.
57	26	E	83	—0.158	+0.017	+0 40.1	—26.65	Buenas imágenes; al principio pasaron nubes.
58	29	E	62	—0.158	+0.028	+0 39.7	+34.40	Imágenes regulares. Cielo velado. Al final nubes.
59	31	E	88	—0.158	+0.037	+0 39.6	+35.21	Buenas imágenes.
	Año 1920							
60	Enc. 4	E	92	—0.159	+0.006	+0 40.0	+36.87	Imágenes regulares. Condiciones atmosféricas variables.
61	5	E	45	—0.159	—0.008	+0 39.6	+37.19	Malas imágenes. Pasaron nubes.
62	8	E	30	—0.160	—0.009	+0 38.8	+38.45	Suspendido a causa de las nubes.
63	10	O	60	+0.126	+0.083	+2 29.1	+39.31	Imágenes movedizas y difusas.
64	12	O	95	+0.126	+0.098	+2 28.4	+40.22	
65	14	O	65	+0.127	+0.116	+2 28.2	+41.19	Las dos primeras horas buenas imágenes, al final cielo velado. Suspendido por haberse nublado.
66	16	O	84	+0.127	+0.123	+2 26.9	+42.01	Imágenes aceptables. Al final cielo nublado.
67	18	O	67	+0.128	+0.119	+2 28.2	+42.86	
68	20	O	97	+0.128	+0.118	+2 27.5	+ 1.05	
69	24	O	47	+0.129	+0.333	+2 28.8	+46.37	Imágenes muy movedizas. Observaciones de poco valor.
70	26	O	35	+0.129	+0.235	+2 28.4	+47.13	Cielo velado. Al final nublado.
71	28	O	57	+0.130	+0.188	+2 27.1	+47.65	Buenas imágenes. Suspendido por haberse nublado.
72	Feb. 9	E	88	—0.161	+0.088	+0 39.6	+52.17	Malas imágenes, muy movedizas.
73	11	E	70	—0.157	—0.005	+0 38.5	— 3.22	Buenas imágenes. Suspendido por mal funcionamiento del cronógrafo.
74	13	E	94	—0.153	+0.099	+0 37.0	— 3.51	Imágenes movedizas.
75	19	E	80	—0.141	+0.122	+0 37.1	— 5.66	Imágenes difusas y movedizas, a intervalos cielo velado y nubes.
76	21	O	60	+0.106	+0.234	+2 27.2	— 6.09	Malas imágenes, difusas y movedizas
77	23	O	80	+0.107	+0.210	+2 26.0	— 6.73	Imágenes regulares.
78	27	O	49	+0.113	+0.189	+2 25.0	— 8.11	Cielo velado.
79	29	O	58	+0.116	+0.201	+2 24.6	— 8.22	Imágenes muy movedizas.
80	Mar. 6	E	44	—0.155	+0.091	+0 35.5	— 8.40	
81	8	E	95	—0.154	+0.184	+0 35.1	— 8.74	Imágenes muy difusas y movedizas. Observaciones de poco valor.
82	16	E	84	—0.151	+0.059	+0 35.3	— 9.14	Las tres primeras horas buenas imágenes; al final pasaron nubes.
83	20	E	32	—0.150	+0.073	+0 36.6	— 9.50	Malas imágenes. Pasaron nubes durante todo el tiempo.
84	21	E	100	—0.150	+0.154	+0 36.5	— 9.29	Imágenes regulares.
85	22	E	77	—0.149	+0.127	+0 35.4	— 9.40	Buenas imágenes. Suspendido por haber dejado de funcionar el relais.
86	23	E	49	—0.149	+0.222	+0 39.3	— 9.44	
87	24	E	96	—0.148	+0.254	+0 37.7	— 9.07	Buenas imágenes.
88	25	E	41	—0.148	+0.219	+0 38.7	— 9.51	
89	26	E	86	—0.147	+0.152	+0 37.6	— 9.48	Imágenes movedizas.

Zonas	Fechas	Cl	Número de ✱	$c-k$	n	P. del E.	$\Delta t+m$	Observaciones y clase de imágenes
	Año 1920							
90	Mar. 28	O	94	+0ˢ.114	+0ˢ.154	+2′25″.6	− 9ˢ.71	Las dos primeras horas buenas imágenes, después movedizas.
91	29	O	98	+0.115	+0.150	+2 25.4	− 9.67	Buenas imágenes.
92	Abril 3	O	96	+0.121	+0.214	+2 27.1	− 9.95	Las dos últimas horas imágenes difusas y movedizas.
93	15	O	82	+0.136	+0.157	+2 25.3	−11.22	Condiciones atmosféricas muy variables; a intervalos el cielo velado; al final nubes.
94	17	O	58	+0.138	+0.181	+2 26.4	−11.45	Al principio malas imágenes; la última hora bastante buenas.
95	21	O	75	+0.144	+0.262	+2 31.4	−11.94	
96	23	O	76	+0.146	+0.216	+2 32.1	−12.34	Malas imágenes; al principio cielo velado.
97	25	O	65	+0.148	+0.150	+2 32.5	−12.64	Buenas imágenes. Suspendido por haberse nublado.
98	27	E	74	−0.182	+0.022	+0 36.9	−13.21	
99	29	E	90	−0.181	+0.060	+0 38.2	−13.36	
100	Mayo 3	E	50	−0.178	+0.112	+0 37.2	−13.55	Imágenes muy movedizas y difusas.
101	5	E	48	−0.176	+0.120	+0 37.6	−13.81	Imágenes muy movedizas. Cielo velado.
102	9	E	62	−0.173	+0.148	+0 38.6	−14.09	Imágenes regulares. Al final nubes. El círculo se movió, debido a que la tuerca estaba muy apretada.
103	17	E	51	−0.168	+0.143	+0 46.3	−14.95	Muy malas imágenes. Observaciones de escaso valor.
104	21	O	73	+0.135	+0.313	+5 0.4	−15.51	Buenas imágenes.
105	23	O	98	+0.136	+0.351	+5 2.2	−15.53	Buenas imágenes.
106	27	O	37	+0.139	+0.317	+5 2.1	−16.09	Suspendido por estar muy velado.
107	Junio 4	O	28	+0.143	+0.480	+5 2.4	−17.42	Malas imágenes. Cielo velado.
108	10	O	49	+0.148	+0.282	+5 3.0	−19.26	Malas imágenes.
109	12	O	50	+0.149	+0.411	+5 2.9	−19.56	Malas imágenes, muy difusas y movedizas.
110	14	O	92	+0.150	+0.400	+5 2.9	−20.07	Imágenes muy movedizas todo el tiempo.
111	22	O	94	+0.155	+0.334	+5 1.1	−22.01	Imágenes regulares.
112	24	E	96	−0.190	+0.189	+0 47.5	−22.54	Imágenes regulares a buenas.
113	30	E	56	−0.194	+0.194	+0 47.3	−22.83	Malas imágenes.
114	Julio 2	E	47	−0.195	+0.261	+0 47.0	−22.40	Imágenes regulares, al final movedizas y cielo velado.
115	6	E	43	−0.198	+0.093	+0 47.8	−22.20	Imágenes regulares. Suspendido a causa de nubes.
116	8	E	94	−0.199	+0.219	+0 46.2	−21.78	Las tres primeras horas buenas imágenes. Al final movedizas, nubes.
117	10	E	38	−0.200	+0.186	+0 47.6	−21.65	Suspendido por haberse nublado.
118	14	E	60	−0.203	+0.256	+0 47.4	−21.21	Imágenes difusas y movedizas.
119	16	E	72	−0.204	+0.199	+0 47.3	−21.11	Imágenes buenas las dos primeras horas.
120	24	E	44	−0.210	+0.095	+0 46.4	−20.15	
121	Ago. 3	O	73	+0.177	+0.292	+5 1.7	−18.90	
122	7	O	93	+0.176	+0.284	+5 1.7	−18.48	Buenas imágenes.
123	11	O	49	+0.174	+0.343	+0 3.4	−18.00	Imágenes horribles.
124	15	O	44	+0.173	+0.331	+0 4.2	−17.82	Imágenes regulares, al final malas.
125	17	O	86	+0.173	+0.302	+0 2.8	−17.55	Al principio regulares, al final malas.
126	19	O	41	+0.172	+0.292	+0 3.5	−17.31	Malas imágenes, muy movedizas.
127	21	O	85	+0.171	+0.302	+0 3.8	−17.16	Imágenes regulares.
128	23	O	85	+0.170	+0.264	+0 3.3	−17.00	Buenas imágenes.
129	26	E	88	−0.203	+0.193	+0 46.4	−16.54	Buenas imágenes.
130	27	E	46	−0.202	+0.164	+0 46.6	−16.44	
131	Sept. 6	E	26	−0.197	+0.147	+0 47.6	−15.72	Suspendido por haberse nublado.
132	10	E	57	−0.195	+0.127	+0 46.2	−15.23	Malas imágenes. Pasaron nubes.
133	12	E	63	−0.193	+0.121	+0 44.7	−15.10	
134	20	E	80	−0.189	+0.084	+0 3.8	−14.44	Imágenes regulares al principio.
135	22	E	44	−0.188	+0.130	+0 3.8	−14.40	Muy malas imágenes. Imposible medir.
136	24	E	60	−0.187	+0.245	+0 4.1	−14.00	
137	26	E	74	−0.185	+0.262	+0 3.0	−13.86	Malas imágenes.
138	28	E	44	−0.184	+0.169	+0 3.5	−13.90	Imposible medir; imágenes movedizas y difusas.
139	Oct. 8	O	84	+0.152	+0.306	+0 3.5	−13.11	Imágenes regulares.
140	10	O	41	+0.152	+0.286	+0 0.9	−12.96	Buenas imágenes. Suspendido por haberse nublado.
141	12	O	29	+0.153	+0.253	+0 2.4	−12.98	
142	14	O	21	+0.154	+0.221	+0 1.1	−12.88	Nubes.
143	16	O	52	+0.155	+0.224	+0 4.1	−12.66	Muy malas imágenes.
144	18	O	80	+0.155	+0.336	+0 2.0	−12.31	

Zonas	Fechas	Cl	Número de ✱	$c-k$	n	P. del E.	$\Delta t+m$	Observaciones y clase de imágenes
	Año 1920							
145	Oct. 20	O	49	+0ˢ.156	+0ˢ.264	+0′ 3″.5	−12ˢ.44	
146	24	O	48	+0.157	+0.298	+0 3.7	−12.15	
147	27	O	48	+0.158	+0.363	+0 5.0	−11.90	
148	30	E	60	−0.193	+0.186	+0 3.9	−11.79	Cielo velado. Imágenes regulares.
149	Nov. 11	E	76	−0.180	+0.055	+0 5.1	−11.00	Buenas imágenes.
150	15	E	76	−0.173	+0.006	+0 6.2	−10.78	
151	17	E	56	−0.171	+0.067	+0 5.9	−10.68	Imágenes difusas y muy movedizas.
152	19	E	54	−0.169	+0.100	+0 6.7	−10.48	
153	23	O	72	+0.130	+0.190	+0 3.6	−10.12	Imágenes regulares.
154	25	O	45	+0.130	+0.134	+0 3.8	−10.08	Malas imágenes.
155	29	O	72	+0.130	+0.106	+0 4.8 +0 2.5	− 9.84	Imágenes regulares.
156	Dic. 1	O	17	+0.131	+0.150	−0 1.6	− 9.60	Suspendido por haberse nublado.
157	3	O	48	+0.131	+0.113	−0 0.1	− 9.57	
158	9	O	18	+0.132	+0.127	+0 0.8	− 9.06	Nubes.
159	13	O	72	+0.133	+0.182	+0 1.7	− 8.74	Malas imágenes, muy movedizas.
160	15	E	49	−0.167	+0.007	+0 1.7	− 8.43	Buenas imágenes. Hilo en ô parece inclinado, diferencia de 0.10 entre principio y fin.
161	17	E	56	−0.166	0.000	+0 0.7	− 8.35	
162	19	E	51	−0.165	+0.034	+0 1.7	− 8.24	
163	21	E	74	−0.164	+0.073	+0 2.5	− 8.17	
164	23	E	77	−0.163	+0.080	+0 1.8	− 7.96	Imágenes regulares. Cielo algo velado.
165	27	E	52	−0.161	+0.050	+0 1.1	− 7.63	
	Año 1921							
166	Ene. 6	E	61	−0.155	+0.035	+0 0.7	− 6.88	
167	8	O	79	+0.122	+0.166	−0 1.6	− 6.68	
168	10	O	62	+0.124	+0.194	−0 0.8	+16.02	Imágenes regulares. Suspendido por haberse velado.
169	12	O	46	+0.126	+0.182	+0 1.3	+ 4.18	Imágenes regulares.
170	18	O	35	+0.137	+0.206	+0 0.1	+ 4.29	Suspendido por ser las imágenes muy malas.
171	20	E	64	−0.173	+0.114	−0 1.5	+ 4.24	Imágenes regulares. Cielo velado.
172	22	E	64	−0.173	+0.056	−0 0.5	+ 4.18	
173	Feb. 1	E	90	−0.170	+0.160	−0 0.8	+ 4 18	
174	5	E	43	−0.169	+0.103	−0 1.1	+ 3.98	
175	9	E	74	−0.169	+0.083	+0 4.2	+ 3.97	Al principio imágenes regulares, luego malas.
176	11	E	66	−0.168	+0.102	+0 3.3	+ 3.98	
177	19	O	91	+0.136	+0.045	+0 7.0	+ 3.74	Al principio buenas imágenes.
178	23	O	84	+0.139	+0.139	+0 7.6 +0 6.3	+ 3.80	
179	25	O	39	+0.141	+0.168	+0 8.3	+ 3.70	Suspendido por mal funcionamiento del cronógrafo.
180	27	O	79	+0.143	+0.162	+0 6.9	+ 3.59	
181	Mar. 3	O	47	+0.145	+0.165	+0 7.9	+ 3.63	
182	5	O	92	+0.146	+0.115	+0 7.7	+ 3.24	
183	11	O	47	+0.152	+0.158	+0 6.7	+ 3.35	Suspendido por haberse nublado.
184	13	O	74	+0.154	+0.143	+0 6.9	+ 3.28	
185	17	E	46	−0.191	+0.248	+0 11.0	+ 3.39	Imágenes horribles.
186	18	E	55	−0.191	+0.266	+0 10.7	+ 3.30	
187	19	E	74	−0.192	+0.242	+0 10.4	+ 3.24	
188	21	E	76	−0.193	+0.286	+0 11.0	+ 3.03	De nueve a diez horas imágenes regulares, de diez a doce horas horribles.
189	27	E	65	−0.196	+0.251	+0 11.6	+ 1.01	Imágenes regulares. Suspendido por haberse nublado.
190	28	E	74	−0.196	+0.233	+0 10.7	+ 1.09	Imágenes a intervalos buenas.
191	30	E	26	−0.198	+0.229	+0 10.0	+ 0.89	Suspendido por haberse nublado.
192	Abril 4	E	74	−0.201	+0.187	+0 11.7	+ 0.72	
193	6	E	38	−0.202	+0.272	+0 13.3	+ 0.50	Imágenes muy malas. Suspendido por mal funcionamiento del hilo en ô, que parece tocar a los otros en α.
194	10	O	70	+0.169	+0.276	+0 8.7	+ 0.31	
195	12	O	93	+0.160	+0.245	+0 9.2	+ 0.15	

Zonas	Fechas	Cl	Número de ★	$c-k$	n	P. del E.	$\Delta t+m$	Observaciones y clase de imágenes
	Año 1921							
196	Abril 19	E	93	−0ˢ.200	+0ˢ.130	+0′ 8″.9	− 0ˢ.36	Buenas imágenes, excepto en la primera hora.
197	—	—	—	—	—	—	—	No existe : error de numeración.
198	20	O	72	+0.175	+0.154	+0 5.8	− 0.34	Imágenes regulares. Cielo velado.
199	24	O	50	+0.150	+0.107	+0 5.7	− 0.47	
200	30	O	32	+0.117	+0.057	+0 5.2	− 1.01	Muy malas imágenes. Pasaron nubes.
201	Mayo 2	E	77	−0.143	−0.007	+0 6.2	− 1.38	
202	4	E	17	−0.141	−0.044	+0 5.6	− 1.83	
203	8	E	93	−0.136	−0.059	+0 5.0	− 2.15	Imágenes malas al principio y regulares al fin.
204	12	E	99	−0.132	−0.094	+0 5.9	− 2.41	Buenas imágenes.
205	13	E	50	−0.131	+0.048	+0 5.8	− 2.12	Malas imágenes.
206	14	E	94	−0.130	+0.027	+0 6.4	− 2.41	Imágenes muy movedizas. A menudo pasaron nubes.
207	18	E	50	−0.124	−0.007	+0 6.0	− 2.98	Suspendido por haberse nublado.
208	20	E	78	−0.122	+0.010	+0 5.8	− 2.94	Imágenes regulares. De once a doce horas cielo velado.
209	22	E	96	−0.120	−0.022	+0 6.8	− 3.33	Imágenes regulares. Durante la mayor parte del tiempo cielo velado.
210	28	O	101	+0.087	+0.098	+0 8.4	− 3.66	Imágenes regulares.
211	Junio 5	O	16	+0.093	+0.054	+0 10.5	− 4.22	Suspendido por haberse nublado.
212	7	O	100	+0.095	+0.100	+0 10.5	− 3.81	Imágenes regulares. En la última hora cielo velado.
213	9	O	63	+0.097	+0.122	+0 9.6	− 3.19	Cielo velado. Imágenes muy movedizas.
214	15	O	84	+0.101	+0.052	+0 9.6	− 2.16	Imágenes regulares.
215	17	O	91	+0.103	+0.080	+0 11.5	− 1.88	Imágenes regulares.
216	19	O	50	+0.104	+0.132	+0 12.0	− 1.50	
217	21	E	101	−0.140	+0.083	+0 14.5	− 1.31	
218	23	E	36	−0.137	+0.089	+0 15.3	− 0.94	Imágenes muy movedizas.
219	27	E	88	−0.131	+0.028	+0 14.6	− 0.69	
220	29	E	88	−0.129	+0.067	+0 15.4	− 0.52	
221	Julio 1	E	31	−0.126	−0.024	+0 15.1	− 0.22	Suspendido por haberse nublado.
222	3	E	37	−0.123	−0.007	+0 15.0	− 0.39	Suspendido por haberse nublado.
223	5	E	63	−0.120	+0.051	+0 13.9	− 0.07	Imágenes regulares en las dos primeras horas, malas en la tercera.
224	7	E	94	−0.117	+0.080	+0 13.8	− 0.02	
225	11	E	20	−0.112	+0.026	+0 12.4	+ 0.37	
226	19	E	64	−0.100	+0.067	+0 13.7	+ 0.70	
227	23	E	62	−0.095	+0.054	+0 12.7	+ 0.75	Suspendido a causa de neblina muy intensa.
228	25	E	61	−0.092	−0.021	+0 12.3	+ 0.76	
229	Ago. 2	O	88	+0.053	+0.139	+0 9.1	+ 1.17	Imágenes regulares.
230	6	O	22	+0.055	+0.093	+0 9.0	+ 1.55	Suspendido por haberse nublado.
231	8	O	31	+0.056	+0.138	+0 8.9	+ 1.46	Durante todo el tiempo pasaron nubes.
232	14	O	21	+0.058	+0.022	+0 8.4	+ 1.39	Nubes.
233	16	O	96	+0.059	+0.066	+0 7.8	+ 1.50	
234	20	O	83	+0.060	+0.120	+0 7.5	+ 1.68	Imágenes regulares, en la última hora difusas y movedizas.
235	22	O	71	+0.061	+0.077	+0 7.6	+ 1.74	Malas imágenes, difusas y movedizas.
236	24	O	26	+0.061	+0.098	+0 7.0	+ 1.96	
237	26	O	81	+0.062	+0.104	+0 7.2	+ 2.04	
238	28	O	71	+0.063	+0.101	+0 9.2	+ 2.33	Imágenes muy malas.
239	30	O	75	+0.064	+0.086	+0 7.0	+ 2.34	
240	Sept. 1	O	61	+0.064	+0.089	+0 7.3	+ 2.39	
241	3	E	66	−0.099	+0.061	+0 14.3	+ 2.48	Imágenes horribles.
242	5	E	88	−0.098	+0.004	+0 13.7	+ 2.44	
243	7	E	43	−0.096	+0.096	+0 9.8	+ 2.72	
244	9	E	60	−0.095	+0.037	+0 9.8	+ 2.87	
245	17	E	63	−0.090	+0.006	+0 9.0	+ 3.66	
246	19	E	50	−0.089	+0.025	+0 9.0	+ 3.87	
247	Oct. 7	E	60	−0.077	−0.044	+0 10.1	+ 5.53	
248	8	O	53	+0.043	+0.123	+0 7.0	+ 5.44	
249	11	O	37	+0.044	+0.095	+0 7.4	+ 5.56	
250	26	O	14	+0.048	+0.005	+0 6.9	+ 7.08	
251	Nov. 24	E	8	−0.145	+0.082	+0 9.4	+10.56	

Zonas	Fechas	Cl	Número de ★	$c-k$	n	P. del E.	$\Delta t+m$	Observaciones y clase de imágenes
	Año 1921							
252	Dic. 5	E	12	−0ˢ.173	+0ˢ.098	+0′ 7″.1	+ 8ˢ.54	
253	18	O	13	−0.115	+0.038	+0 5.6	+ 4.12	No fué posible observar más fundamentales por haberse nublado.
254	20	O	12	+0.111	+0.094	+0 4.0	+ 3.06	
	Año 1922							
255	Ene. 18	E	16	−0.169	+0.005	+0 7.4	— 3.16	
256	Feb. 1	O	17	+0.117	+0.132	+0 5.7	— 5.60	
257	7	O	12	+0.110	+0.128	+0 4.1	— 6.53	
258	13	O	17	+0.102	+0.200	+0 3.2	— 7.43	
259	Mar. 7	O	37	+0.097	+0.370	−0 6.0	−20.75	
260	9	E	17	−0.132	+0.268	−0 4.8	−20.58	Suspendido por las nubes.
261	20	E	18	−0.143	+0.299	+0 1.1	−18.44 −18.97	
262	28	E	18	−0.151	+0.296	+0 1.3	−17.38	
263	Abril 20	E	32	−0.178	+0.187	−0 3.4	−19.82	
264	28	E	35	−0.017	+0.076	−0 3.2	−20.95	
265	Mayo 11	O	20	+0.067	+0.019	−0 5.2	+ 6.04	
266	15	O	23	+0.070	+0.191	−0 7.2	+ 4.32	
267	Junio 23	E	27	−0.140	−0.038	−0 4.9	+ 2.60	
268	Julio 20	E	45	+0.100	−0.139	−0 4.5	+ 7.46	
269	21	E	15	+0.099	−0.132	−0 4.5	+ 7.23	
270	Ago. 10	E	35	+0.076	−0.167	−0 6.1	+ 8.53	Cielo velado. Imágenes muy movedizas.
271	24	O	36	−0.100	−0.082	−0 7.1	+ 6.68	
	Año 1923							
272	Mayo 2	E	21	+0.080	+0.246	−0 9.2	+ 6.05	
273	22	O	11	−0.115	+0.393	−0 5.2	+30.87	Suspendido por haberse nublado.
274	23	O	18	−0.115	+0.334	−0 4.9	+29.80	En la primera hora buenas imágenes; en la segunda, malas.
275	Julio 30	O	22	−0.125	+0.268	−0 3.2	+ 8.45	
276	31	O	29	−0.127	+0.286	−0 4.1	+ 8.10	
277	Ago. 16	O	31	−0.153	+0.238	−0 3.8	+ 4.10	
278	18	O	30	−0.156	+0.230	−0 4.0	+ 3.61	

APÉNDICE II

1. Valores individuales, discordantes en A. R.

N°	A. R. 1925.0				N°	A. R. 1925.0				N°	A. R. 1925.0			
7	9ˢ16	9ˢ65	9ˢ43	9ˢ30	1266	46ˢ83	46ˢ14			2462	3ˢ83	4ˢ19	4ˢ41	
34	48.78	49.20	49.15		1276	31.08	31.53	31.23		2518	35.50	35.14		
64	32.04	31.55	31.84	31.69	1278	48.11	48.79	48.75	48.55	2560	53.59	54.02	53.95	
69	25.88	25.53			1293	22.80	23.23	23.40		2561	25.38	25.04		
82	58.75	58.34	58.59		1310	7.27	7.18	6.79		2616	17.91	17.48		
89	41.33	40.91			1377	37.81	37.24	37.74	37.52 37.83 37.56	2674	7.90	7.54		
146	1.25	1.31	1.71		1439	9.08	8.66	8.89		2731	36.98	36.60		
149	49.71	49.75	49.27	49.68	1475	15.40	15.86	15.55		2777	22.36	21.92	21.45	
165	31.04	31.46	31.49		1477	26.95	26.43	26.33		2800	16.62	16.18	16.36	
169	49.89	49.45	49.62		1507	15.79	15.28	15.66		2841	47.72	47.38		
181	6.89	7.18	6.76		1518	47.47	47.00	47.20		2875	8.77	9.14		
197	25.94	26.37	26.18		1529	2.70	2.85	2.42		2941	27.17	27.61		
201	49.01	48.57	48.94		1549	42.92	42.56			2958	18.11	17.31	17.70	17.80
209	0.83	0.47			1577	33.85	33.57	33.93	33.45	3005	32.21	32.37	32.71	
231	52.67	53.11	52.98		1579	17.75	18.09	18.32		3056	38.00	37.81	38.27	
292	49.20	49.17	48.78		1592	25.67	25.89	25.45		3076	54.31	54.66		
295	22.86	23.01	22.54	22.69	1607	30.47	30.17	30.50	30.03	3082	11.32	10.90	11.15	
322	14.50	14.31	14.77		1660	44.62	44.37	44.17		3114	44.82	44.86	45.40	
355	28.11	28.25	27.74	28.36	1681	59.99	60.52	60.39		3115	45.46	45.03	45.20	
383	44.10	44.07	44.32	43.85	1702	4.98	5.39			3158	24.45	24.01	24.25	
403	46.55	46.92			1718	21.27	21.44	20.99		3164	37.18	36.80		
410	16.27	16.12	16.54		1736	55.25	55.43	55.75		3237	31.61	31.89	32.10	
426	19.92	20.10	19.76	19.63	1748	57.71	57.59	57.20		3243	45.35	45.52	45.67	45.90
427	29.49	29.55	29.96		1759	0.36	0.31	0.73		3284	36.20	36.28	36.11	35.74
511	49.06	49.30	48.89		1775	31.30	30.90	30.88		3332	22.01	22.35		
571	41.93	42.14	42.44	42.35	1778	2.16	1.66	1.96	2.02	3335	24.77	24.50	24.82	25.04
596	52.85	53.08	52.76	52.60	1835	11.61	12.04			3388	35.50	35.31	35.73	
609	1.25	1.57	1.77		1862	47.99	47.85	48.34		3431	23.64	23.28		
619	22.57	22.47	22.88		1872	48.32	48.16	48.01	47.80	3436	49.79	49.36		
677	59.72	60.00	60.15		1891	57.80	57.46			3444	23.02	22.81	23.28	
688	56.46	56.16	55.97	55.89	1895	36.48	36.00			3469	51.66	51.42	51.91	
713	2.48	2.30	2.28	1.89	1930	54.45	54.79			3471	18.96	18.60		
738	5.73	5.84	5.37	5.39	1944	47.28	46.87			3506	54.85	54.92	55.26	
743	56.92	56.78	57.25		1980	18.19	17.82			3517	49.17	48.81		
774	47.85	47.77	48.21		2064	55.70	55.20			3526	49.52	49.95		
826	42.09	42.40	41.90		2078	56.96	57.24	57.39		3528	10.93	10.58		
901	3.32	3.20	2.80	3.05	2094	9.21	9.58			3529	17.56	17.22		
916	26.61	26.76	27.04		2156	3.47	2.99			3549	3.26	3.36	3.68	
926	44.65	45.00			2177	56.60	56.17			3578	8.34	8.00		
936	38.45	38.05			2230	20.41	20.88	20.41		3655	13.29	12.95		
988	59.40	59.55	59.14		2252	41.65	42.05			3666	37.75	38.12		
1085	19.70	19.34	19.27		2260	16.32	16.42	16.80	16.71	3689	14.34	14.04	14.49	
1090	51.22	50.86	50.79		2274	39.57	39.26	39.16		3694	0.90	0.52		
1156	5.53	5.94	6.06		2276	54.31	53.82	54.01		3698	24.60	24.35	24.15	
1157	12.89	12.45	12.66		2288	39.77	40.22	39.88		3781	50.80	50.42	50.89	
1188	26.18	25.67	25.62		2341	18.64	18.98	19.05		3876	52.48	52.20	52.61	
1192	16.08	15.67	16.02		2349	18.29	18.05	18.52		3894	21.94	21.67	22.12	
1199	20.29	19.93			2422	13.76	13.29	13.70		3895	23.36	22.99		
1207	11.87	11.08	11.19		2428	51.62	51.93	51.34	51.94 54.96	3899	34.43	34.03		
1213	42.50	42.08	42.08		2440	16.17	15.82			3919	22.33	21.93		
1248	21.68	21.74	21.31		2441	46.89	46.98	47.33		3935	31.59	31.88	32.04	
1256	43.42	43.48	44.01		2450	45.60	45.24			3953	50.10	49.70		

N°	A. R. 1925.0			N°	A. R. 1925.0			N°	A. R. 1925.0		
3978	19ˢ08	19ˢ16	18ˢ73	4230	34ˢ26	34ˢ31	34ˢ69	4383	11ˢ96	11ˢ69	12ˢ12
3994	3.28	3.00	3.44	4235	32.44	32.09		4433	27.96	28.30	
4102	21.32	20.86	20.96	4270	17.20	16.69		4442	36.82	36.47	
4135	54.47	54.88	54.53	4330	30.05	30.42		4469	29.22	29.65	29.38
4136	27.75	28.10	27.65	4338	8.47	8.04	8.14				

2. Valores individuales, discordantes en Decl.

N°	Decl. 1925.0				N°	Decl. 1925.0				N°	Decl. 1925.0			
31	57″4	57″8	55″0	56″7	907	53″4	51″8	50″9		1597	14″7	16″6	17″3	
34	42.9	44.5	42.4		919	15.0	14.7	15.1	12.4	1599	32.8	30.6	31.9	
38	50.7	49.7	48.6	51.2	922	6.2	8.3	5.9		1602	41.3	39.8	38.9	
43	37.7	37.3	35.4	37.9	938	7.2	5.4			1618	38.1	35.3	36.2	
82	57.9	55.7	56.4		956	48.8	49.0	51.2		1627	53.1	54.3	53.7	54.0	51.2
89	3.4	6.5			957	9.6	7.7			1634	22.0	20.8	19.6	
113	41.8	44.1	44.4		961	9.7	11.5	13.2		1639	13.1	15.3	14.6	
142	2.5	1.3	0.4		963	15.6	17.7	17.0		1650	56.7	59.0	58.9	
157	3.3	2.2	2.9	4.6	979	14.0	14.4	16.4		1692	34.7	37.7	35.5	
165	30.6	30.2	28.5		1006	41.6	40.6	42.8		1720	28.1	25.9	27.5	
182	3.6	1.9	4.0		1042	36.2	38.7	36.9	36.4	1729	13.9	12.9	15.0	
197	15.5	14.8	12.5		1082	25.0	25.7	23.2		1737	11.9	10.0	9.6	
225	30.3	28.7	27.7		1090	42.2	42.8	40.2		1752	38.7	41.4		
240	11.9	9.1	12.2		1162	7.2	9.5	9.2		1765	27.0	28.0	30.1	28.5
244	30.8	32.5	29.8		1173	9.4	9.8	11.6		1814	38.1	40.3	40.5	
245	56.9	55.8	58.0		1177	46.6	44.4			1815	31.7	32.8	33.8	
247	32.0	33.6	31.1		1182	42.6	43.5	45.3		1824	3.0	4.4	5.6	5.1
272	14.1	15.9			1198	18.9	16.2	17.5	17.8	1837	46.5	44.4		
274	41.2	40.6	43.4		1202	45.0	43.8	46.0		1843	15.6	17.9		
284	35.8	37.1	34.3	33.7	1218	55.1	57.5	56.4		1901	32.7	33.4	30.7	
294	3.9	1.4	1.6		1224	55.7	57.8	56.3		1972	13.0	14.7		
312	20.0	22.4	22.5		1247	3.1	5.6			1976	7.4	6.1	8.2	
337	57.0	55.0			1257	61.4	59.1	61.4		1980	39.9	41.8		
357	18.4	18.7	18.9	20.9	1262	59.8	58.7	57.5		2004	3.7	6.4		
358	30.3	31.1	32.8		1274	14.1	12.2			2020	5.7	8.1	5.8	
360	47.3	46.6	49.2	47.7	1310	55.5	57.0	54.7		2029	29.6	32.1	32.0	
372	40.3	38.8	42.7	41.7	1366	26.8	26.2	26.4	28.6	2055	53.8	55.8		
381	46.1	43.4	42.0		1384	46.0	47.6	45.4		2065	45.0	46.9	47.2	
420	24.3	25.8	28.7		1400	32.1	30.7	29.8		2073	56.5	59.2		
487	36.2	38.4	37.8		1437	58.9	56.5	57.9	59.0	2079	24.6	26.1	24.0	
568	48.8	51.8	49.1	48.6	1444	54.7	56.2	56.8		2085	40.5	42.8	41.1	
583	45.9	47.3	45.8	43.8	1450	45.1	47.5			2095	12.5	11.7	10.4	
614	14.0	15.6	12.6		1452	4.0	4.4	2.0		2111	52.0	51.4	49.9	
616	36.5	36.4	34.0		1453	15.4	12.6	13.0		2122	52.4	54.9	53.0	
631	25.7	23.5	24.9		1478	15.1	16.3	17.5	17.3	2147	12.9	15.4	12.7	
642	9.9	7.3	8.7		1479	22.0	19.3	20.1		2160	36.9	36.6	39.0	
771	59.2	59.9	61.7	59.1	1492	49.6	51.7	51.2		2182	11.4	12.4	13.5	
795	50.8	51.7	49.6		1507	42.7	40.9	39.7		2198	30.3	31.4	32.6	
827	17.4	17.0	14.8	16.9	1537	42.8	40.6	42.4		2211	15.2	17.7	17.8	
874	51.6	51.9	49.8		1552	49.7	51.8	51.4		2219	22.6	24.8	24.5	
895	46.4	48.9	48.2		1587	10.1	8.1			2230	4.8	6.9	6.9	

N°	Decl. 1925.0			
2251	37″.9	37″.2	39″.8	
2261	41.9	44.1	41.8	
2294	23.6	25.3		
2320	59.7	61.0	62.2	
2346	42.6	42.5	40.4	
2353	56.5	56.5	58.6	
2354	26.9	27.9	29.4	
2362	14.7	12.4	16.3	12.7
2374	47.8	49.8		
2402	17.8	19.9	20.6	
2424	34.3	35.9	36.7	
2449	20.3	22.5	19.4	
2459	19.3	17.4	16.1	
2461	54.7	51.8		
2468	37.6	38.1	40.6	
2474	10.7	9.4	12.2	11.2
2479	20.8	22.7	23.0	
2484	31.0	31.0	33.3	
2488	24.1	25.8		
2496	39.6	41.5		
2497	28.7	29.0	31.4	27.0
2501	3.0	1.1		
2512	59.5	60.9	61.6	
2516	61.4	59.3	60.9	
2545	29.3	27.1	28.5	
2552	26.2	28.6	28.1	
2554	42.1	44.7		
2561	49.5	47.7		
2578	55.6	57.4		
2588	0.8	2.9		
2646	26.4	24.6		
2653	41.8	39.6	41.9	
2677	36.0	37.9		

N°	Decl. 1925.0			
2821	31″.0	33″.6		
2822	56.3	57.5	55.0	
2825	28.1	29.9		
2839	49.7	49.0	51.3	
2883	36.1	33.6	35.6	35.4
2897	22.4	24.8		
2907	25.1	26.9		
2914	52.2	52.8	50.7	
2922	33.8	31.2		
2929	39.6	40.5	42.3	
2940	2.7	0.9		
2941	29.4	31.8		
2953	29.3	27.2		
2965	28.0	26.0		
2968	6.0	5.3	7.6	
2985	50.2	52.0	50.3	49.2
2993	47.3	45.0	45.8	
2999	45.8	43.9		
3005	7.9	9.4	10.7	
3011	46.2	44.2		
3014	39.7	41.4		
3020	9.6	7.5		
3106	15.1	13.6	12.8	
3113	38.5	40.5		
3127	41.1	38.8	39.2	
3188	45.2	43.0	45.7	
3205	14.2	12.3		
3217	58.3	55.9	57.1	
3229	9.7	8.4	7.5	
3234	21.3	18.4	20.0	
3274	39.3	41.0		
3352	6.2	8.3	6.8	
3415	32.0	34.1	32.6	31.1 32.5

N°	Decl. 1925.0		
3451	25″.5	23″.7	
3459	52.9	52.5	50.6
3460	11.3	13.7	
3487	36.3	38.5	
3519	53.6	54.2	55.8
3541	37.5	34.7	37.5
3599	14.7	17.2	15.4
3608	19.9	22.3	21.1
3611	57.8	59.6	
3700	17.4	19.5	
3715	32.1	33.4	31.3
3771	33.1	34.1	35.5
3816	26.6	28.5	
3835	39.7	37.6	38.1
3838	54.1	56.0	
3840	14.0	11.9	12.2
3841	39.1	36.9	37.9
3860	48.8	47.1	
3866	31.6	33.7	31.4
3910	23.5	25.3	
3921	54.3	56.1	
3972	50.5	49.9	47.7
4099	61.9	59.2	60.9
4100	24.5	26.4	26.8
4125	11.4	13.2	
4282	35.4	33.1	34.0
4321	14.0	14.6	12.2
4363	55.9	54.6	57.7
4470	46.9	48.3	49.0
4473	59.1	61.3	61.0
4507	31.2	33.4	31.2

APÉNDICE III

COMPARACIÓN DE CATÁLOGOS

1. La Plata D. — Catálogo General Argentino

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
6	+ 0ˢ.01	+ 0″.5	42.0	109	+ 0ˢ.30	+ 1″.2	41.9	213	+ 1ˢ.13	+ 2″.6	44.3
10	— 0.08	— 0.7	39.0	110	+ 0.91	+ 3.9	42.8	214	+ 0.25	— 7.5	38.9
11	— 0.02	— 4.2	44.0	111	— 0.03	+ 2.5	43.8	215	— 0.13	+ 3.3	40.9
20	— 0.28	— 2.1	39.9	112	+ 0.04	+ 0.3	39.2	216	+ 0.19	+ 1.3	40.9
21	— 0.12	+ 1.2	43.9	113	— 0.09	+ 1.3	39.0	219	+ 0.23	— 0.6	38.8
23	+ 0.38	— 0.7	41.0	114	— 0.12	+ 0.8	39.8	223	+ 0.73	— 12.6	39.9
33	— 0.28	— 0.2	44.5	115	— 0.54	— 0.2	46.0	224	— 0.43	+ 0.9	44.0
36	— 0.33	— 2.1	36.9	116	— 0.03	— 0.2	42.0	231	— 0.04	0.0	39.1
37	+ 0.06	— 0.5	42.9	117	+ 0.72	+ 2.4	43.4	232	— 0.11	— 0.1	40.0
40	+ 0.24	— 0.8	45.6	120	— 0.27	+ 1.2	42.2	236	— 0.12	+ 0.3	47.0
42	— 0.08	— 0.8	39.9	125	+ 0.88	— 2.2	39.9	238	+ 0.07	— 2.3	40.1
43	— 0.21	— 4.1	39.9	129	— 0.36	— 1.5	49.4	239	— 0.13	+ 1.2	44.0
47	+ 0.48	— 0.8	43.4	131	— 0.12	— 1.3	40.0	241	+ 0.14	+ 1.2	42.1
51	+ 0.10	+ 1.4	44.4	136	— 0.54	— 0.5	40.7	246	— 0.37	— 1.6	40.0
54	+ 0.71	+ 2.7	42.0	138	— 0.04	— 0.5	40.2	247	— 0.19	+ 2.3	44.4
55	— 0.19	+ 2.3	39.3	139	— 0.11	— 0.9	39.3	248	+ 0.09	+ 0.8	39.1
57	— 0.19	+ 0.5	43.4	140	+ 0.12	— 4.5	41.4	249	— 1.86	— 8.3	39.1
58	+ 0.12	+ 1.5	45.6	145	— 0.04	+ 0.4	42.9-43.1	250	+ 0.12	— 4.5	38.8
59	+ 0.07	— 0.7	45.4	146	+ 0.11	+ 0.4	39.0	252	+ 0.11	+ 0.4	43.2
62	+ 1.06	— 33.2	45.6	147	+ 0.34	— 1.0	46.4	253	+ 0.11	— 1.0	38.9
63	+ 0.12	+ 2.0	42.4	149	+ 0.16	+ 0.6	41.3	254	+ 0.15	+ 0.6	40.9
70	— 0.20	+ 2.3	44.4	150	+ 0.05	— 0.2	40.2	257	+ 0.06	— 0.5	43.1-42.8
71	— 0.20	— 2.7	43.9	163	— 0.05	+ 0.7	39.9	258	+ 0.01	— 1.9	39.9
72	— 0.25	— 2.8	44.6	166	+ 0.04	— 0.8	39.0	264	+ 0.02	+ 0.6	41.9
76	— 0.43	— 2.8	43.3	168	— 0.01	+ 1.0	37.1	265	+ 0.04	+ 0.1	40.0
78	+ 0.23	0.0	45.0	170	+ 0.10	— 0.8	45.7	266	— 0.08	— 1.4	39.3
82	— 0.21	— 0.6	43.3	174	— 0.29	— 0.5	40.2	270	— 0.26	— 1.4	43.8-44.3
83	— 0.13	— 0.5	40.2	176	— 0.17	+ 1.3	46.7	273	+ 0.07	+ 0.9	42.5
85	— 0.06	— 0.7	39.3	179	— 0.33	— 0.8	45.9	274	+ 0.04	— 1.1	43.9
86	+ 0.02	— 0.4	39.6	182	— 0.90	— 3.5	38.9	275	+ 0.44	— 1.7	44.9
88	— 0.24	— 0.4	45.2	185	+ 0.76	+ 1.3	41.8	279	+ 0.22	— 1.5	39.9
89	— 0.45	+ 2.0	45.4	186	+ 0.14	+ 0.2	45.1	280	— 0.44	— 0.6	45.3
90	— 0.41	+ 0.4	43.7	188	— 0.17	+ 0.4	40.1	282	+ 1.20	— 1.5	42.7
91	— 0.20	— 1.4	42.1	191	— 0.32	— 1.0	41.9	283	0.00	— 1.5	39.9
92	— 0.01	0.0	41.5	192	— 0.17	+ 1.2	45.0	286	+ 0.63	— 2.5	45.7
93	+ 0.05	+ 0.5	40.2	194	+ 0.24	+ 1.6	40.4	287	+ 0.07	+ 1.0	43.6
94	+ 0.64	+ 0.4	39.0	195	— 0.01	— 0.5	39.1	288	+ 0.09	+ 2.6	44.6
95	— 0.42	— 1.6	42.8	196	+ 0.77	— 3.5	41.2	289	+ 0.43	+ 3.1	40.8
96	— 0.47	— 0.9	42.3	197	— 0.08	+ 0.1	40.0	291	— 0.36	— 2.7	42.1
99	+ 0.59	— 4.8	40.0	199	+ 0.44	— 1.0	45.8	294	+ 0.01	+ 3.5	39.6
101	+ 0.21	+ 0.9	42.3	200	+ 0.26	+ 1.4	38.9	295	+ 0.61	+ 1.4	43.6
102	+ 3.20	+ 5.3	46.1	202	+ 0.06	— 1.6	42.0	296	+ 0.26	— 2.3	42.5
103	+ 3.06	+ 5.4	41.3	203	— 0.18	0.0	45.5	299	+ 0.55	+ 0.6	45.4
104	+ 0.93	+ 2.1	45.5	204	— 0.21	+ 0.9	45.2	301	+ 0.30	+ 0.4	41.4
105	+ 0.16	+ 0.4	45.4	205	— 0.01	0.0	39.0	306	— 0.07	0.0	45.4
106	+ 0.02	— 1.0	46.2	207	+ 0.21	+ 1.5	45.5	308	— 0.10	— 0.4	39.0
107	+ 0.61	+ 0.6	44.2	211	+ 0.21	— 0.5	45.4	309	— 0.31	— 0.1	45.0

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
312	— 0ˢ.39	— 1″.4	39.2	449	— 0ˢ.07	— 0″.9	39.7-39.5	578	— 0ˢ.04	— 1″.3	41.2
315	+ 0.46	— 3.4	42.1	454	+ 0.31	+ 3.2	44.1	580	— 0.18	— 2.1	41.7
320	+ 0.23	+ 0.7	41.8	462	— 0.15	+ 1.1	43.4	583	— 0.22	+ 0.2	42.1
321	+ 0.03	— 1.0	41.0	464	+ 0.21	— 0.3	41.6	585	— 0.02	— 1.3	41.8
322	+ 0.36	— 0.3	42.3	465	+ 0.29	— 2.5	46.4	586	— 0.16	+ 0.8	41.1
327	— 0.16	+ 0.5	39.2	466	+ 0.13	— 0.7	40.1	588	— 0.17	+ 1.4	42.2
329	+ 0.09	— 1.2	43.0	467	— 0.23	— 0.3	42.4	589	— 0.19	+ 0.5	43.9
331	— 0.36	+ 1.8	45.0	468	0.00	— 1.1	41.2	590	— 0.19	— 0.5	41.3
334	— 0.56	— 3.4	38.9	471	— 0.33	+ 0.6	43.9	591	— 0.34	— 0.6	41.0
335	— 0.22	— 1.1	43.0-43.3	472	— 0.20	+ 0.5	43.5	592	— 0.09	— 4.4	42.1
338	+ 0.03	— 0.2	40.0	473	+ 0.02	— 0.4	43.0	596	— 0.22	+ 1.5	43.0
341	— 0.32	— 1.5	43.2	474	— 0.10	+ 0.2	43.8	599	+ 0.10	+ 1.3	41.6
342	+ 0.32	+ 1.7	39.2	477	+ 0.05	+ 1.7	40.8	605	— 0.18	+ 2.2	43.2
343	— 0.29	+ 0.2	43.4	479	— 0.29	— 1.7	41.2	607	— 0.16	+ 0.6	41.9
346	— 0.20	+ 0.9	43.0	482	— 0.16	+ 2.3	45.8	608	+ 0.01	— 2.4	40.8
347	+ 0.29	+ 0.8	45.7	483	+ 0.05	+ 0.4	43.4	612	— 0.11	+ 1.3	41.7
349	— 0.05	— 3.2	45.3	484	— 0.22	— 1.8	41.5	613	— 0.21	— 0.1	43.9
351	— 0.45	+ 0.4	46.0	485	+ 0.17	+ 0.8	42.2	616	— 0.21	— 0.4	42.3
352	+ 0.22	+ 1.4	39.9	487	+ 1.03	+ 0.8	44.3	619	— 0.17	— 0.6	43.7-43.9
353	+ 0.05	+ 3.4	45.8	489	+ 0.13	— 0.3	41.0	622	— 0.02	— 0.5	41.7
354	+ 0.46	+ 3.2	45.4	490	+ 0.04	+ 4.3	42.3	624	— 0.16	+ 0.5	41.3
356	+ 0.12	— 0.7	46.0	491	— 0.03	— 2.0	42.0	625	— 0.25	— 0.1	43.0
357	— 0.08	— 2.3	39.2	494	— 0.28	— 1.1	44.0	628	— 0.51	+ 1.1	41.4
361	+ 0.09	+ 2.0	44.6	495	+ 1.35	+ 17.9	43.0	635	— 0.28	+ 0.4	41.6
365	— 0.66	+ 3.5	46.1	496	— 0.08	— 1.1	39.5	640	+ 0.02	— 0.1	42.3
371	— 0.02	— 0.3	45.4	499	+ 0.21	— 0.8	40.3	642	— 0.51	+ 0.5	45.2
372	— 0.06	+ 1.7	41.4	503	+ 0.13	— 2.0	42.4	643	— 0.03	+ 0.4	39.4
373	+ 0.14	— 1.5	40.9	504	+ 0.14	— 0.1	42.4	645	+ 0.35	+ 6.3	41.3
375	— 0.08	— 2.3	40.9	507	+ 0.08	+ 0.3	40.1	647	— 0.19	— 1.3	39.7
376	+ 0.15	— 0.4	43.7	512	— 0.07	+ 0.8	43.5	649	+ 0.12	+ 0.6	41.9
377	— 0.64	— 3.5	41.1-41.4	513	— 0.02	+ 1.6	41.6	651	— 0.16	+ 0.2	45.2
380	— 0.11	0.0	45.3	515	+ 0.18	+ 1.5	42.2	652	— 0.17	— 0.7	41.4
383	— 0.08	— 0.7	39.3	516	— 0.65	— 2.7	42.4	653	— 0.02	— 1.2	42.6
387	— 0.25	+ 1.1	43.5	519	— 0.04	— 0.6	42.5	654	+ 0.20	+ 0.6	41.0
393	— 0.08	+ 0.4	42.7	520	— 0.34	— 2.5	41.4	655	— 0.16	+ 0.8	42.7
396	+ 0.56	— 2.2	41.9	523	— 0.24	— 0.2	43.0	656	— 3.17	+ 52.4	42.9
399	+ 0.16	+ 1.0	38.9	527	— 0.05	+ 3.4	42.2	657	— 0.43	— 0.7	44.2
401	+ 0.01	+ 1.4	39.9	528	+ 0.04	+ 1.1	46.4	664	+ 0.01	— 1.0	39.0
402	— 0.11	+ 0.5	39.3	531	— 0.03	0.0	41.4	666	— 0.21	+ 1.5	45.5
403	— 0.38	— 3.9	44.4	532	— 0.45	+ 2.6	46.9	667	— 0.19	+ 0.6	41.0
404	— 0.18	— 4.1	46.0	535	+ 0.17	+ 3.0	41.5	669	— 0.03	— 0.3	40.8
408	— 0.26	+ 0.2	43.1	538	— 0.22	— 1.3	41.8	672	— 0.12	— 1.6	44.3
409	+ 0.09	+ 1.9	44.8	540	— 0.21	— 0.5	43.4	674	— 0.77	+ 2.0	41.8
410	+ 0.06	— 1.3	39.0	541	— 0.31	— 1.1	41.4	678	— 0.02	— 0.1	40.1
412	— 0.25	+ 1.0	45.5	542	— 0.14	+ 0.7	42.5-42.8	680	— 0.34	— 0.9	41.5
415	+ 0.15	+ 0.5	43.0	543	— 0.56	— 1.7	44.4	682	+ 0.09	+ 3.1	44.2
416	+ 0.08	— 0.7	41.5	545	— 0.13	— 0.8	42.3	684	— 0.13	— 1.8	41.0
429	+ 0.04	— 0.8	43.6	546	+ 0.07	+ 0.1	46.2	687	+ 0.02	+ 3.7	43.1
430	+ 0.01	— 0.3	44.4	551	— 0.29	— 0.1	42.6	689	— 0.18	— 0.5	41.5
431	— 0.26	+ 0.3	39.9	556	— 0.12	+ 0.6	45.0	695	+ 0.12	+ 4.9	40.0
432	— 0.24	+ 1.6	45.8	557	— 0.34	— 0.6	42.4	699	— 0.39	+ 0.7	43.6
433	+ 0.17	+ 1.1	44.2	559	— 0.14	+ 1.5	42.7	702	+ 0.04	+ 2.2	45.4
438	— 0.14	+ 1.0	45.0	560	— 0.32	0.0	43.7	706	— 0.08	+ 0.1	44.9
441	+ 0.06	— 2.0	39.4	565	— 0.04	+ 1.1	43.9	707	+ 0.07	— 0.2	39.9
442	+ 0.18	— 2.1	44.3	568	— 0.18	— 2.7	40.2	708	— 0.70	+ 0.8	45.5
444	+ 0.22	— 0.6	41.6	569	— 0.03	+ 1.4	42.5	712	— 0.28	— 0.9	40.8
445	— 0.08	+ 1.0	40.2	570	— 0.32	— 1.7	43.3	713	— 0.09	+ 2.7	44.1
446	+ 0.47	+ 3.4	44.4	575	— 0.20	+ 0.1	40.2	714	— 0.15	+ 0.8	41.0
447	— 0.17	— 1.7	39.7-39.3	576	+ 0.07	+ 1.4	42.2	717	— 0.26	+ 2.6	43.9

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
720	— 0ˢ.16	— 0″.2	42.6	879	— 0ˢ.28	— 0″.6	41.3	1083	— 0ˢ.01	— 1″.1	42.4
723	— 0.34	— 0.7	42.2	880	+ 0.09	+ 0.1	41.9	1094	— 0.42	— 0.3	43.1
724	— 0.36	+ 3.0	45.2	883	— 0.91	+ 1.3	42.7	1098	— 0.04	+ 0.7	44.1
725	— 0.08	— 0.8	39.9	886	— 0.29	+ 3.5	43.4	1108	— 0.23	+ 0.2	39.9
726	— 0.30	— 1.5	42.1	902	— 0.06	— 1.9	41.1	1110	+ 0.13	— 0.4	39.9
728	+ 0.19	+ 1.4	44.8	905	— 0.47	— 0.2	45.1	1111	— 0.13	+ 1.0	42.1
730	— 0.24	+ 3.7	46.1	913	— 0.06	— 0.6	42.7	1113	— 0.50	+ 3.0	41.2
737	— 0.10	+ 2.1	45.7	914	— 0.16	— 0.3	42.7	1115	— 0.38	+ 0.8	43.5
738	— 0.10	— 0.2	42.7	916	— 0.35	0.0	45.8	1120	— 0.33	— 1.6	39.9
739	— 0.35	+ 0.3	44.3	920	+ 0.14	— 2.4	42.6	1121	— 0.20	+ 0.4	41.4-41.6
746	— 0.16	+ 0.7	40.5	925	— 0.18	+ 0.1	41.2	1123	— 0.12	+ 1.4	45.0
750	— 0.30	— 1.6	40.1	932	— 0.24	+ 1.8	43.0-42.8	1126	— 2.02	+ 3.8	39.8
751	— 0.12	— 0.3	42.9	933	— 0.22	— 2.4	41.3	1132	— 0.05	— 1.7	40.0
752	— 0.02	— 0.3	38.8	934	— 0.20	+ 0.5	47.2	1133	+ 0.04	— 0.7	40.9
754	— 0.28	+ 1.9	43.6	937	— 0.23	— 1.0	42.3	1141	— 0.07	+ 1.4	44.6
755	— 0.15	— 4.5	42.9	942	— 0.21	+ 0.7	42.2	1142	— 0.11	+ 0.2	43.5
764	+ 0.05	— 2.1	40.0	943	+ 0.25	— 4.1	44.2	1147	— 0.30	— 0.2	46.6
771	— 0.17	+ 0.3	40.2	944	+ 0.01	+ 1.3	44.0	1148	+ 0.03	+ 0.2	42.5
772	— 0.07	+ 1.4	44.4	946	— 0.45	+ 0.1	43.4	1150	— 0.27	— 0.9	45.5
773	— 0.33	— 3.1	43.2	950	+ 0.09	— 1.1	41.9	1153	— 0.49	— 1.4	44.9
776	— 0.25	+ 2.2	43.8	952	— 0.20	— 1.2	41.3	1158	+ 0.13	+ 0.5	42.7
778	— 0.42	— 0.8	40.9	955	0.00	+ 3.3	43.9	1170	— 0.64	— 1.9	40.9
779	+ 0.20	— 2.7	45.8	962	— 0.20	— 1.5	42.7	1171	— 0.23	+ 2.0	39.9
780	— 0.32	+ 0.5	45.3	964	— 0.34	+ 2.5	41.9	1176	— 0.55	+ 0.9	39.1
781	— 0.43	+ 1.0	42.6	965	— 0.55	— 1.8	43.6	1180	— 0.27	+ 1.5	46.9
782	+ 0.04	— 2.7	41.2	985	+ 0.22	+ 4.9	42.4	1181	— 0.24	+ 0.6	41.0
785	+ 0.14	+ 1.2	41.8	987	— 0.33	+ 0.5	40.4	1186	— 0.13	— 0.3	42.9
792	— 0.16	+ 0 5	45.2	990	— 0.28	+ 1.6	42.2	1201	— 0.62	+ 3.5	43.5
794	+ 0.18	— 1.5	40.9	991	— 0.06	— 1.5	41.0	1202	— 0.13	— 0.5	43.2-43.4
800	— 0.35	+ 1.0	44.0	993	— 0.03	+ 0.4	43.9	1203	— 0.12	— 0.5	43.7
801	— 0.27	— 0.6	43.1	995	— 0·29	— 0.2	43.2	1211	— 0.10	0.0	40.4
804	— 0.62	+ 2.0	36.1	996	— 0.01	+ 0.6	43.1	1226	+ 0.09	— 0.1	44.1
805	+ 0.05	+ 1.0	42.6	997	— 0.21	+ 1.3	43.0	1229	— 0.96	— 1.4	44.4
812	— 0.03	— 1.9	45.2	1005	— 0.49	+ 1.7	39.6	1231	— 0.23	— 0.1	45.7
813	+ 0·03	+ 1.0	44.4	1009	— 0.05	— 0.2	44.2	1234	— 0.26	— 0.7	42.5
821	— 0.43	+ 10.3	45.3	1011	— 0.11	+ 1.1	43.3	1240	+ 0.11	— 0.3	43.9
824	+ 0.01	+ 0.2	41.4	1017	— 0.41	0.0	45.9	1244	— 0.18	— 1.3	41.5
827	+ 0.35	+ 0.1	39.9	1019	+ 0.17	— 2.9	39.8	1254	— 0.27	— 0.7	39.0
829	— 0.05	+ 5.6	45.6	1020	+ 0.48	— 4.4	39.8	1258	— 0.26	+ 0.2	44.5
831	— 0.12	0.0	44.9	1021	— 0.39	— 0.5	39.0	1260	— 0.01	+ 0.1	43.7
833	— 0.64	+ 3.9	41.9	1023	— 0.01	+ 0.4	39.1	1264	— 0.17	— 1.5	42.7
834	— 0.32	+ 11.3	43.0	1026	— 0.16	— 1.0	42.7	1271	— 0.97	+ 3.9	45.8
835	+ 0.12	— 0.2	45.3	1036	— 0.19	— 0.5	36.3	1273	— 0.39	+ 2.1	43.5
836	— 0.38	+ 0.9	44.3	1038	+ 0.22	+ 0.2	45.9	1274	— 0.56	+ 0.9	44.6
837	— 0.12	— 0.5	41.2	1039	— 0.35	+ 0.8	45.7	1284	— 0.28	— 1.9	40.8
838	— 0.12	+ 4.2	41.8	1040	— 0.07	+ 1.9	45.4	1287	— 0.76	— 1.8	46.9
841	— 0.24	+ 0.3	41.5	1041	— 0.34	+ 0.6	42.4	1289	— 0.27	+ 1.2	45.5
843	— 0.10	— 1.4	41.7	1042	— 0.13	— 1.3	38.9	1301	+ 0.01	— 0.1	41.5
846	+ 0.19	— 0.6	42.0	1043	+ 0.19	+ 0.7	38.2	1313	— 0.78	+ 2.1	46.9
847	— 0.44	+ 2.8	43.0	1044	— 0.24	+ 1.7	43.0	1321	— 0.05	— 0.7	42.9
848	+ 1.41	— 8.7	41.8	1050	— 0.21	+ 0.5	41.9	1323	— 0.27	+ 0.3	38.9
852	— 0.17	— 6.3	42.7	1054	— 0.30	+ 3.1	45.0	1327	+ 0.01	+ 2.2	43.8
858	— 0.70	+ 4.8	44.8	1055	— 0.03	— 0.7	44.8	1328	— 0.16	— 0.9	45.7
860	+ 0.11	— 0.2	41.4	1057	— 0.04	+ 0.6	43.5	1335	— 0.21	+ 0.1	44.6
861	— 0.21	— 0.8	40.8	1058	— 0.52	+ 1.6	42.6	1338	— 0.14	0.0	43.8
862	— 0.33	— 2.0	43.3	1060	+ 0.36	+ 1.3	42.1	1341	— 0.46	+ 1.7	44.3
863	— 0.31	— 0.7	43.9	1076	— 0.39	— 0.2	42.6	1342	— 0.16	— 2.0	45.0
871	— 0.73	+ 0.4	44.0	1077	+ 0.15	+ 0.4	40.7	1344	— 0.09	+ 1.9	44.0
878	— 0.11	+ 2.0	42.9	1082	— 0.87	+ 0.2	46.9	1347	— 0.19	+ 1.0	46.5

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
1349	— 0ˢ.68	+ 0″.9	41.8	1579	+ 0ˢ.01	— 0″.5	41.9	1851	+ 0ˢ.07	— 1″.4	40.2
1354	— 0.28	+ 0.1	41.9	1603	— 0.63	— 0.9	43.3-42.8	1856	— 0.23	— 0.8	40.2
1359	+ 0.09	+ 1.9	39.8	1605	— 0.59	+ 0.7	44.3	1858	+ 0.11	— 0.8	40.8
1360	— 0.76	+ 1.4	43.0	1606	— 1.77	+ 2.2	45.9	1863	+ 0.19	— 0.3	40.9
1363	— 0.31	— 1.2	41.0	1614	— 0.30	+ 0.7	43.6	1867	— 0.60	— 1.3	46.6
1366	— 0.04	— 1.0	38.9	1615	— 0.38	+ 0.3	44.1	1868	— 0.23	— 0.1	46.8
1368	— 0.21	— 0.5	40.2	1616	— 0.12	— 1.5	41.5	1880	+ 0.32	— 0.8	40.5
1373	— 0.34	— 0.5	44.7	1625	— 0.58	— 0.8	39.6-39.4	1881	— 0.44	— 2.3	40.6
1374	— 0.12	— 1.2	44.0	1628	— 0.17	— 1.8	41.4	1884	— 0.24	— 0.9	45.0
1375	— 0.97	+ 1.0	41.8	1633	— 0.54	— 0.3	43.0	1892	— 0.11	— 0.7	46.6
1376	— 0.36	+ 0.1	43.5	1634	— 0.03	+ 1.1	39.9	1896	— 0.02	— 1.7	46.6
1378	+ 0.07	+ 0.8	40.8	1639	— 0.41	— 0.3	45.3	1904	— 0.50	— 0.7	46.2
1380	— 0.52	+ 1.2	45.5	1650	— 0.48	0.0	43.8	1906	— 0.26	— 1.9	45.6
1381	+ 0.17	— 2.3	41.7	1651	— 0.12	+ 1.1	40.0	1908	— 0.26	+ 0.2	40.3
1388	— 0.28	— 0.1	44.7	1652	+ 0.05	— 1.1	40.9-40.7	1934	— 0.18	— 1.2	39.9
1389	— 0.30	— 1.4	45.4	1654	— 0.31	+ 0.5	46.3	1936	— 0.18	— 0.4	40.5
1399	— 0.07	— 0.3	43.8	1657	+ 0.24	— 0.6	41.5	1943	— 0.54	+ 0.9	46.9
1412	— 0.74	0.0	44.3	1661	— 0.35	+ 0.3	40.7	1945	— 0.35	— 2.2	42.9
1419	— 0.63	— 2.9	44.5	1677	— 0.15	— 0.8	43.3	1950	+ 0.10	— 2.5	40.6
1428	— 0.78	+ 2.0	40.9	1680	+ 1.31	— 4.6	42.2	1954	— 0.17	— 1.0	40.9
1429	— 0.19	+ 0.5	42.7-42.5	1687	— 0.46	+ 0.7	38.8	1957	— 0.11	— 1.1	44.3-43.9
1435	— 0.15	+ 1.1	43.5	1701	— 0.26	— 0.8	43.4	1959	— 1.02	— 0.2	42.4
1436	— 0.33	— 0.6	46.5	1702	+ 0.01	— 1.0	42.7	1960	— 0.37	— 2.0	40.7
1453	— 0.55	— 1.4	45.7	1711	— 0.14	— 1.0	40.4	1962	— 0.62	0.0	45.1
1454	— 0.81	— 0.4	40.8	1721	— 0.20	+ 0.1	45.4	1967	+ 0.14	— 2.0	41.0
1463	— 0.36	— 0.4	40.3	1722	— 0.34	+ 0.7	41.9	1970	— 0.16	— 0.3	39.6
1464	— 0.25	+ 0.1	38.8	1724	— 0.21	— 0.3	42.2	1975	— 0.21	— 0.5	44.0
1466	— 1.31	+ 1.5	41.8	1725	— 0.05	+ 1.5	42.4	1978	+ 0.02	0.0	42.2
1467	+ 0.01	+ 0.1	43.4	1728	— 0.17	— 1.8	40.6	1979	— 0.11	— 1.1	41.5
1471	+ 0.23	+ 1.0	40.3	1735	— 0.26	— 0.6	44.9	1982	+ 0.20	— 3.1	42.4
1484	— 0.16	— 1.9	40.6	1736	+ 0.12	0.0	45.7	1984	— 0.03	— 1.0	42.3
1489	— 0.03	+ 0.8	46.1	1741	— 0.60	— 0.1	42.9-42.6	1985	— 0.13	+ 1.4	42.8
1491	0.00	— 1.3	40.3	1747	— 0.38	— 1.6	39.8	1986	— 0.32	+ 2.2	39.3-39.5
1492	— 0.17	+ 0.3	42.5	1750	— 0.50	— 0.2	42.1	1988	+ 0.11	+ 0.2	41.8
1493	— 0.18	— 0.7	41.7	1751	— 0.61	— 1.0	43.6-44.0	1989	— 0.29	0.0	44.8
1496	— 0.25	+ 0.5	45.4	1755	— 0.21	— 0.2	43.5	1990	— 0.10	+ 0.4	40.2
1497	— 0.40	+ 0.3	45.5	1758	+ 0.53	— 1.1	43.5-42.9	1995	— 0.39	— 1.6	40.3
1498	+ 0.13	+ 0.5	43.7	1766	+ 0.09	— 1.0	41.3-40.7	1996	— 0.29	+ 0.2	40.2
1505	— 0.36	+ 0.6	40.2-40.6	1767	— 0.48	— 0.1	46.4	1999	— 0.41	— 0.2	45.2
1507	+ 0.02	— 2.5	41.0	1770	— 0.31	+ 0.7	39.9	2005	— 0.29	— 1.1	42.6
1509	— 0.27	— 0.5	42.9	1783	— 0.43	— 1.3	44.9	2012	— 0.24	— 0.4	43.4
1512	— 0.26	— 0.4	41.2	1785	— 0.21	— 1.5	40.6	2018	+ 0.08	— 0.7	44.7-44.4
1513	— 0.30	+ 0.7	40.9	1787	— 0.12	— 0.2	41.9	2025	+ 0.24	— 0.3	40.2
1514	— 0.16	— 0.5	38.8	1793	— 0.26	— 0.8	44.2	2028	— 0.58	— 2.5	46.6-46.3
1515	— 0.27	— 2.0	41.0	1798	— 0.56	— 1.2	45.1	2032	— 0.24	— 2.0	41.3
1527	— 0.29	— 0.9	41.0	1799	— 0.63	— 0.9	45.0	2036	— 0.86	— 0.6	40.9
1534	— 0.31	— 0.2	42.4	1800	+ 0.10	— 1.1	39.9	2045	— 0.10	— 1.4	40.6
1538	— 0.32	+ 1.5	43.1-42.9	1809	— 0.20	— 0.4	44.9	2046	— 0.38	— 0 6	44.2
1541	— 0.22	— 2.3	41.0	1813	— 0.14	+ 0.5	44.3	2047	— 0.33	— 2.6	46.0
1542	+ 0.22	— 0.8	42.9	1819	— 1.96	— 0.8	41.0	2050	+ 0.07	— 2.2	41.6
1545	— 0.18	— 0.5	44.9	1821	— 0.72	— 0.2	46.7	2051	— 6.12	+ 11.9	45.9
1546	— 0.31	+ 2.7	41.9	1827	— 0.17	— 0.5	39.6	2054	— 0.67	— 0.8	44.6
1553	+ 0.01	+ 1.9	40.0	1831	— 1.63	— 1.9	43.9	2056	— 0.04	+ 0.1	44.1-44.3
1554	— 0.36	— 0.2	39.9	1833	— 0.48	+ 1.0	40.8	2060	— 0.33	— 0.7	43.2
1564	— 0.20	— 2.2	40.6	1840	— 0.43	+ 0.3	43.2	2062	— 0.11	— 5.9	43.6
1567	— 0.43	+ 0.6	40.5	1842	— 0.73	— 1.2	43.5-43.9	2063	— 0.06	— 0.6	40.0
1573	— 0.66	+ 1.4	40.9	1846	— 0.16	— 2.8	45.2	2067	— 0.05	— 2.3	41.1
1574	— 0.27	— 1.9	40.6	1847	+ 0.05	— 0.3	39.0	2070	+ 0.23	+ 1.1	43.7
1576	— 0.24	— 0.2	41.5	1849	— 0.56	— 0.2	45.9	2074	— 0.15	— 1.7	39.9

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
2080	— 4ˢ.43	— 14″.0	44.2	2308	— 1ˢ.00	— 2″.0	45.8	2520	— 0ˢ.24	— 0″.7	38.2
2088	— 0.26	— 1.1	45.6	2310	— 0.70	+ 2.3	41.9	2532	— 0.31	— 1.6	46.1
2089	+ 0.07	— 0.9	40.2	2315	— 0.24	— 1.0	45.7	2538	— 0.76	— 6.1	43.9
2093	— 0.35	— 0.6	45.9	2318	— 0.35	— 1.5	44.9	2549	+ 0.15	+ 0.4	38.8
2096	— 0.64	— 0.5	43.7-43.5	2319	— 0.51	— 1.5	45.0	2550	— 0.43	— 3.5	48.4
2106	— 0.16	— 0.2	54.3	2321	— 0.45	— 2.4	47.0	2555	— 0.43	— 2.2	43.6
2110	+ 0.04	— 2.4	49.7	2323	— 3.81	— 2.7	45.9	2559	— 0.29	— 1.7	45.2
2111	— 0.27	— 1.7	45.6	2324	— 0.23	— 3.6	41.8	2561	— 0.44	— 2.7	41.1
2116	— 0.24	— 0.1	40.3	2328	— 0.32	— 0.6	43.5-43.2	2563	— 0.02	— 1.4	41.1
2119	— 0.20	— 2.3	41.0	2329	— 0.65	— 6.6	40.2	2572	— 0.16	— 0.6	40.1
2121	— 0.63	— 0.6	46.2	2331	— 0.33	— 1.7	42.2	2573	— 0.48	— 1.9	44.7
2127	— 0.02	— 2.3	39.9	2332	— 0.01	— 1.1	40.9	2579	+ 0.07	+ 0.5	42.5
2128	0.00	— 1.5	39.9	2334	— 0.21	— 1.7	45.0	2584	— 0.37	— 0.7	40.0
2129	— 0.05	+ 1.4	43.3	2336	— 0.04	— 1.8	39.9	2589	+ 0.14	— 2.9	44.2
2139	+ 0.03	— 0.9	39.9	2337	— 0.07	— 1.3	45.2	2590	— 0.54	— 2.4	40.9
2140	— 0.17	— 3.0	39.6	2341	— 0.10	+ 0.1	40.2	2593	— 0.08	— 1.9	40.0
2146	— 0.56	— 1.0	41.9	2343	— 0.16	— 0.5	42.7	2596	— 0.42	— 2.2	39.7
2147	— 0.35	— 1.6	46.6	2344	— 0.09	— 1.5	43.4	2600	— 0.27	— 1.4	44.6
2149	— 0.65	— 1.3	41.1	2345	— 2.21	— 5.9	44.9	2603	— 0.15	— 1.8	42.2
2151	— 0.09	— 1.7	42.0	2346	— 0.31	— 1.4	42.0	2604	— 0.12	— 2.3	42.0
2157	— 0.89	— 1.5	42.0	2348	0.00	— 0.2	42.2	2607	— 1.05	— 5.8	43.1
2158	— 0.04	— 0.6	41.6	2350	— 0.54	— 0.8	44.2	2608	0.00	— 0.6	40.9
2166	— 0.40	— 2.5	43.7	2353	— 0.19	— 0.8	39.2	2617	— 2.60	— 11.8	40.3
2168	+ 0.12	+ 3.3	39.6	2354	— 0.27	— 2.3	39.6	2618	— 0.13	— 1.9	39.8
2169	— 0.23	— 1.5	39.7	2355	— 0.45	— 1.4	41.9	2619	— 0.04	— 0.4	42.4
2170	— 0.18	— 1.2	43.0	2356	— 0.37	— 1.9	45.7	2623	— 0.17	— 2.6	44.7
2171	— 0.06	+ 0.5	47.0	2367	— 0.33	— 0.8	45.4	2642	— 0.95	— 4.8	45.9
2174	— 0.43	— 1.7	42.0	2368	— 0.04	— 2.0	46.0	2650	— 0.10	— 1.3	39.3
2175	— 0.61	+ 0.5	40.9-41.2	2371	— 0.21	— 0.5	43.1	2651	— 0.22	— 0.7	41.3
2182	— 0.06	+ 1.1	40.2	2383	— 1.01	— 1.7	44.2	2666	— 0.33	— 0.4	47.0
2189	— 0.14	— 1.1	41.5	2386	+ 0.03	— 1.2	40.8	2670	— 0.13	— 0.3	44.1
2194	— 0.49	— 3.4	45.0	2387	+ 2.15	— 9.5	42.2	2672	— 0.17	— 2.3	42.2
2197	— 0.11	— 1.2	39.9	2388	— 0.39	— 1.4	44.0	2675	— 0.05	— 2.0	43.0
2201	— 0.14	— 0.5	41.2	2394	— 0.36	— 2.9	41.0	2677	— 0.38	+ 0.6	41.4
2203	— 0.40	0.0	41.9	2405	— 0.39	— 0.9	44.4	2678	— 0.09	— 1.3	45.1
2205	— 0.61	— 2.0	46.3	2410	— 0.14	— 1.7	43.9	2679	— 0.23	— 0.9	42.9
2208	— 0.30	+ 0.5	39.7	2417	— 0.26	— 0.3	45.9	2681	— 0.29	— 1.2	44.3
2211	— 0.41	— 1.3	43.6-43.8	2418	— 0.36	+ 0.4	41.1	2683	— 1.04	— 16.0	41.7
2216	— 1.95	+ 0.4	39.7	2429	— 0.25	— 0.5	46.2	2685	— 0.62	— 0.6	44.0
2218	— 0.12	— 1.4	45.0	2434	— 0.30	— 1.3	45.2-45.4	2686	— 0.79	— 0.5	43.8
2235	— 0.20	— 1.9	41.8	2437	— 0.21	— 1.0	44.2	2688	— 0.16	— 1.7	41.0
2242	— 0.71	— 0.6	45.4	2440	— 0.13	— 0.2	42.7-42.5	2698	— 0.04	— 1.8	41.1
2243	— 0.05	+ 0.3	41.2	2441	— 0.66	— 2.0	42.7	2704	— 0.33	— 1.2	40.6
2245	+ 0.17	— 0.8	42.2	2442	— 0.14	— 1.7	43.9	2706	— 0.27	— 2.8	44.2
2250	— 0.21	— 0.2	39.3	2443	— 0.34	— 2.1	42.0	2708	— 2.25	— 9.2	44.4
2269	— 0.19	— 1.7	40.0	2444	— 0.29	— 2.2	46.9	2711	— 0.28	+ 0.1	44.5
2270	— 0.36	— 1.3	44.9	2455	— 0.24	— 2.1	41.5	2725	— 0.44	+ 1.9	39.3
2272	— 0.32	— 1.4	41.1	2465	— 0.09	— 1.8	41.4	2731	— 0.29	— 1.0	39.8
2274	— 0.62	— 1.3	40.2	2470	+ 0.06	— 1.5	41.0	2732	— 0.32	— 3.4	41.3
2275	— 0.09	— 3.7	39.5	2471	— 0.22	— 1.6	39.8	2744	— 0.23	+ 0.2	40.6
2279	— 0.29	+ 0.1	39.8	2479	— 0.11	— 2.4	41.9	2748	— 0.43	— 1.0	46.8
2281	— 0.31	— 1.7	40.9	2489	+ 0.31	— 2.1	40.1	2753	— 0.02	— 0.6	45.7
2282	— 0.08	— 1.4	40.1	2490	— 0.32	— 0.2	41.7	2759	+ 0.39	— 1.4	48.5
2286	+ 0.02	— 1.2	41.6	2491	— 0.29	— 1.4	41.4	2764	— 0.16	— 4.3	48.2
2287	+ 0.06	— 0.2	45.5	2498	— 0.53	— 2.8	42.1	2765	— 0.41	— 1.6	44.2
2296	— 0.44	0.0	40.2	2501	— 0.77	— 1.6	42.0	2771	— 0.25	— 2.3	45.9
2299	— 0.12	+ 0.1	41.8	2504	— 0.38	— 0.5	47.0-46.6	2772	+ 0.46	— 2.0	45.1
2305	— 0.54	— 1.0	45.3	2505	— 0.24	— 2.8	39.9	2774	+ 0.03	— 1.5	45.1-44.7
2306	— 0.60	— 2.2	42.0	2509	— 0.33	— 0.6	44.5	2778	— 0.32	— 1.7	46.0

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
2779	— 0ˢ.39	— 2″.0	44.1	3171	— 0ˢ.29	— 2″.7	46.1	3455	— 0ˢ.03	— 2″.4	40.4
2781	— 0.25	— 0.9	39.9	3172	— 0.31	— 0.3	46.0	3456	— 0.13	+ 0.9	45.0
2787	— 0.28	— 3.1	43.4	3178	— 0.54	— 2.2	45.6	3464	— 0.58	— 1.9	45.1
2788	— 0.13	— 0.6	43.4	3196	— 0.11	— 0.9	42.5	3470	+ 0.05	+ 5.6	47.0
2789	— 0.25	— 4.8	43.9	3198	— 0.35	— 0.7	46.5	3490	— 0.06	+ 0.2	45.2
2795	— 0.12	— 2.6	43.7	3202	— 0.18	+ 0.4	40.9	3493	+ 0.37	— 2.3	45.0
2799	— 0.41	— 0.3	45.0	3206	— 0.44	+ 0.9	47.1	3494	— 0.02	— 1.8	41.0
2803	— 0.04	— 0.7	43.9	3217	— 0.56	— 2.2	46.9	3522	— 0.21	— 0.1	41.4
2804	— 0.03	— 0.5	47.4	3220	— 0.30	— 1.0	46.8	3534	— 0.34	— 2.9	41.9
2808	— 1.64	— 7.8	43.6	3221	— 0.18	— 1.2	45.1	3537	— 0.57	— 6.0	43.8
2812	+ 0.01	— 3.0	44.3	3224	— 0.35	— 2.6	41.0	3551	— 0.33	— 1.5	40.9
2835	— 0.20	— 1.1	46.6-46.9	3232	— 0.25	+ 1.7	47.9	3556	— 0.21	— 1.4	40.9
2842	— 0.06	— 2.0	43.5	3238	— 0.36	— 1.7	45.6	3569	+ 0.13	0.0	43.1
2843	— 0.06	+ 0.5	41.9	3239	— 0.22	— 1.6	44.0	3582	+ 0.20	— 1.5	45.2
2849	— 0.49	— 1.7	39.9	3242	— 0.36	+ 0.4	40.3-41.0	3599	— 0.04	— 2.4	46.0
2857	— 0.03	— 1.0	44.1	3243	— 0.06	— 1.5	39.7-39.9	3612	— 0.44	+ 0.6	44.6
2858	— 0.55	— 2.7	41.7	3246	+ 0.55	+ 1.4	43.9	3626	— 0.02	— 0.9	40.2
2871	+ 0.88	— 0.7	41.7	3253	+ 0.16	— 1.7	46.9	2629	— 0.10	— 0.5	42.0
2888	— 0.16	— 2.1	44.3	3256	— 0.39	— 1.6	44.8	3639	— 0.16	— 0.4	44.4
2889	— 0.26	+ 0.1	45.6	3257	— 0.01	+ 1.0	45.0	3640	— 0.27	— 2.4	43.0
2894	— 0.56	— 1.4	47.0	3260	— 0.08	— 1.6	41.7	3644	— 0.24	— 0.3	42.1
2896	— 0.59	— 2.1	41.3	3270	— 0.15	— 0.5	42.3	3646	— 0.33	+ 0.1	48.1
2899	+ 0.05	— 1.4	42.1	3274	— 0.34	— 1.8	42.4	3647	— 0.23	— 2.3	42.4
2908	— 0.19	— 1.5	43.9	3284	— 0.62	— 3.2	46.4	3648	— 0.31	— 0.6	47.5
2913	— 0.76	— 3.8	41.5	3289	— 0.28	— 0.6	44.0	3649	— 0.24	— 2.0	40.0
2915	— 0.22	— 2.0	47.5	3291	— 0.23	+ 0.7	43.4	3655	— 0.13	+ 0.1	39.0
2928	+ 0.19	— 0.5	44.0	3296	— 0.35	— 1.3	45.0	3663	+ 0.02	0.0	40.0
2931	+ 0.17	— 1.6	41.4	3299	— 0.09	— 1.9	40.3	3670	— 0.20	— 0.7	40.0
2940	— 0.19	— 0.5	44.8	3302	— 0.24	+ 1.2	38.9	3672	— 0.07	— 2.2	43.1
2948	— 0.54	— 3.2	47.0	3305	— 0.24	— 0.6	40.7	3674	— 0.12	— 1.4	44.3
2949	— 0.30	— 0.6	45.0	3309	— 0.42	— 2.6	44.4	3678	— 0.29	— 2.5	42.4
2959	— 0.20	— 0.6	43.6	3315	— 0.10	0.0	39.4	3679	— 0.39	— 0.4	46.0
2963	+ 0.54	+ 1.2	40.9	3322	— 0.10	— 0.8	41.9	3684	— 0.52	— 0.6	42.0
2964	+ 0.16	— 1.0	48.9	3324	— 0.20	— 0.3	41.8	3685	— 0.20	— 0.1	40.0
2968	— 0.22	— 4.2	40.7-40.9	3333	— 0.33	— 1.7	44.3	3688	0.00	— 6.2	42.3
2972	— 0.26	— 1.2	39.9	3340	— 0.03	— 1.8	40.8	3690	— 0.02	— 0.5	40.3
3007	— 0.17	— 2.0	46.6	3344	— 0.30	— 0.6	39.9	3691	— 0.28	— 1.1	42.0
3017	— 0.05	— 0.6	43.4	3346	— 0.38	— 1.3	44.9	3693	— 0.22	— 0.9	40.0
3042	— 0.34	— 2.4	44.0	3348	— 0.32	— 0.8	41.0	3696	— 0.23	— 0.8	41.0
3047	— 0.37	— 2.0	45.0	3359	— 0.33	— 1.6	42.6	3700	— 0.15	— 1.5	43.0
3052	+ 0.53	+ 0.3	40.3	3360	+ 0.30	— 4.2	47.1	3707	— 0.16	— 0.1	45.3
3054	— 0.29	— 2.4	42.4	3363	— 0.29	— 1.6	47.2	3711	— 0.16	— 0.3	40.0
3070	— 0.46	+ 3.6	46.4	3365	+ 0.19	+ 0.5	40.9	3712	— 0.47	— 1.6	45.0
3072	— 0.07	— 1.5	43.8	3368	— 0.33	+ 0.1	39.3	3713	— 0.13	+ 0.1	45.0-44.6
3075	— 0.71	— 3.4	46.5	3369	— 1.57	— 4.8	44.5	3722	— 0.39	— 1.7	43.4
3082	— 2.16	— 17.5	43.6	3379	— 0.23	— 7.7	45.1	3724	— 0.43	— 1.3	41.0
3105	+ 0.22	— 0.3	40.1	3385	— 0.63	— 9.3	44.2-44.6	3725	+ 0.01	— 0.4	42.4
3111	+ 0.02	— 2.1	41.1	3393	— 0.03	— 1.7	38.5	3732	— 0.11	— 0.9	47.0
3112	— 0.37	— 3.3	41.4	3394	— 0.91	— 1.6	43.7	3733	— 0.24	— 0.2	47.1
3118	— 0.39	+ 0.6	47.0	3395	— 0.30	— 1.2	45.4	3734	— 0.29	+ 0.3	41.5
3121	— 0.23	— 1.2	41.0	3396	— 0.10	— 1.6	42.2	3737	+ 0.11	— 1.2	42.4
3123	— 0.51	— 4.9	45.6	3406	— 0.03	— 3.4	45.0	3738	+ 0.02	— 1.1	42.3
3139	— 0.30	— 0.9	41.9	3419	— 0.49	— 1.0	42.8	3740	— 0.16	+ 1.4	39.0
3141	— 0.47	— 1.7	46.9	3420	— 0.33	— 0.8	42.4	3741	+ 0.07	+ 1.9	40.2
3144	+ 0.03	— 1.5	40.9	3425	— 0.05	— 0.7	38.9	3748	— 0.16	— 0.6	43.1
3149	— 0.37	— 5.0	42.5	3428	+ 0.08	— 0.5	48.0	3749	— 0.21	+ 0.3	42.4
3155	— 0.56	— 2.4	47.0	3440	+ 0.14	— 0.0	42.6	3755	+ 0.02	+ 0.2	40.3
3157	— 0.40	— 1.9	46.9	3444	— 0.45	— 1.2	39.0	3757	+ 0.25	+ 0.8	40.3
3167	— 0.47	0.0	42.5	3445	— 0.14	— 1.1	45.0	3762	— 0.17	— 1.8	40.4

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
3768	+ 0ˢ.22	— 0″.3	40.4	3954	+ 0ˢ.52	— 7″.6	46.8	4118	— 0ˢ.05	+ 1″.1	44.9
3769	— 0.31	+ 2.4	40.0	3957	+ 0.18	— 1.2	45.0	4119	+ 3.80	— 12.4	46.3
3771	+ 0.06	+ 0.6	40.3	3967	+ 0.09	— 0.1	40.5	4122	— 0.40	— 0.4	45.0
3779	+ 0.59	— 2.8	45.3	3969	+ 0.17	— 1.3	38.9	4128	+ 0.57	+ 0.1	40.0
3783	— 0.13	— 0.5	41.1	3974	+ 0.46	— 4.0	46.4	4137	— 0.05	— 0.4	44.0
3784	— 0.28	— 4.4	44.6	3977	— 0.19	— 1.3	45.9	4138	— 0.13	+ 1.0	40.1
3785	+ 0.10	— 0.1	46.0	3983	— 0.38	— 11.1	46.3	4142	— 0.02	— 1.1	40.9
3787	— 0.14	— 1.7	45.2	3989	— 0.56	— 2.1	45.2	4145	+ 0.23	+ 0.5	39.8
3788	— 0.07	— 7.2	40.2	3990	+ 0.02	— 3.3	39.9	4148	+ 0.53	— 3.2	43.8
3791	— 0.22	— 2.6	45.0	3992	+ 6.34	— 31.7	46.0	4150	+ 0.33	0.0	39.4
3804	— 0.30	— 1.0	44.0	3995	+ 0.05	+ 1.3	39.9	4155	— 0.17	— 0.4	39.8
3808	— 0.05	— 1.7	41.2	3996	— 0.22	— 1.4	43.8	4157	— 0.35	+ 0.3	40.2
3811	— 0.06	— 2.0	41.3	3998	— 0.20	— 0.5	43.0	4159	— 0.17	0.0	39.9
3814	— 0.35	+ 0.1	46.1	4000	— 0.10	+ 0.1	45.2	4161	— 0.15	— 0.5	41.4
3816	— 0.30	0.0	40.0	4004	— 0.39	— 0.5	45.7	4162	— 0.02	— 1.4	45.0
3817	+ 1.04	— 1.4	46.0	4006	— 0.26	— 0.3	44.0	4165	— 0.09	— 0.5	44.5
3818	+ 1.11	— 1.3	41.9	4016	— 0.27	— 1.4	42.3	4166	+ 1.16	+ 5.8	44.2
3822	— 0.12	— 0.8	45.4	4020	+ 0.07	— 3.7	45.8	4176	+ 0.09	— 0.7	41.0
3823	+ 0.07	— 0.7	39.2	4021	+ 0.16	— 1.6	40.0	4179	+ 0.69	— 2.8	45.0
3825	+ 0.02	— 0.6	41.9	4025	+ 0.04	— 1.4	42.6	4183	— 0.37	— 0.6	45.4
3828	— 0.04	— 2.9	49.1	4027	— 0.13	— 0.3	39.9	4184	— 0.15	— 0.9	40.3
3834	+ 0.03	— 2.4	46.1	4028	— 0.05	— 0.2	40.3	4186	— 0.34	— 0.3	40.2
3837	— 0.23	— 1.4	39.3	4029	+ 0.57	— 0.4	45.0	4189	— 0.26	— 0.5	40.2
3844	+ 0.20	— 2.6	44.3	4030	— 1.04	— 0.4	45.0	4193	— 0.15	0.0	40.3
3845	— 0.20	0.0	43.3	4033	+ 0.41	— 2.2	44.0	4195	+ 0.37	— 0.4	46.7
3852	— 0.08	— 1.1	42.4	4034	— 0.58	— 1.9	40.4	4196	+ 3.40	— 3.2	44.7
3855	+ 0.22	— 7.1	40.0	4035	— 0.01	— 1.2	41.3	4198	— 0.28	— 0.7	44.2
3856	— 0.36	— 1.3	47.0	4039	+ 0.15	— 0.4	43.1	4200	+ 0.06	0.0	41.2
3857	— 0.37	+ 0.7	39.9	4045	+ 0.67	— 2.4	46.1	4202	0.00	— 0.8	44.3
3858	— 0.21	— 1.2	41.5	4053	— 0.16	+ 0.4	43.6	4204	+ 0.17	— 1.4	43.8
3864	— 0.16	+ 2.3	41.9	4055	+ 0.14	— 0.2	44.5	4206	+ 0.07	— 1.7	47.2
3867	+ 0.23	+ 0.1	43.2	4057	+ 0.24	+ 1.1	40.0	4209	+ 0.04	— 2.4	40.2
3871	— 0.14	— 0.9	40.9	4059	— 0.28	+ 0.2	39.0	4211	— 0.55	— 1.8	45.9
3877	+ 0.01	— 1.9	41.0	4060	— 0.74	+ 0.2	45.0	4217	— 0.11	+ 0.4	42.9
3878	— 0.57	+ 3.7	47.0	4061	+ 0.02	— 3.3	39.3	4223	+ 0.09	— 1.6	46.1
3884	— 0.13	— 1.5	43.3	4062	+ 0.15	— 1.8	45.0	4224	+ 0.19	— 1.4	45.0
3885	+ 0.10	— 2.8	44.4	4063	— 0.07	— 1.6	45.6	4225	+ 1.14	— 2.4	41.5-41.7
3886	+ 0.22	— 0.4	41.0	4064	+ 0.92	— 3.7	44.2	4232	— 0.24	— 0.2	40.7
3890	— 0.14	— 0.5	41.0	4065	— 0.02	— 1.8	45.0	4233	+ 0.27	— 3.8	44.1
3895	+ 0.02	+ 0.4	39.9	4066	— 0.03	— 0.5	43.9	4234	— 0.41	+ 0.8	47.2
3896	+ 0.08	— 1.3	40.3	4069	+ 0.16	— 1.3	44.0	4236	+ 0.43	— 2.3	41.2
3898	— 0.43	— 8.0	46.1	4071	— 0.14	— 1.5	41.7	4237	— 0.22	— 1.6	42.1
3899	— 0.27	+ 0.6	44.8	4072	— 0.29	— 1.0	42.8	4238	+ 0.17	— 2.3	46.8
3903	— 0.02	— 3.7	42.9	4075	— 0.38	— 2.0	44.3	4239	— 1.92	— 1.7	44.8
3908	— 0.13	— 0.7	45.8	4076	— 0.11	+ 0.6	42.3	4240	— 0.56	— 0.3	45.8
3910	+ 0.26	+ 0.5	45.6	4078	+ 0.16	— 1.8	44.7	4244	+ 0.24	— 0.7	45.2
3912	— 0.13	— 0.4	44.0	4081	— 0.27	+ 0.4	46.2	4248	+ 0.56	— 3.2	45.8
3914	+ 0.04	— 1.8	45.0	4087	+ 0.07	— 0.4	41.2	4256	— 0.03	+ 0.1	42.5
3919	— 0.14	— 3.2	45.9	4088	+ 0.01	— 0.6	42.0	4261	+ 0.16	— 2.0	45.4
3928	— 0.71	— 2.5	46.0	4091	— 0.07	— 1.7	42.2	4266	+ 0.02	— 8.3	46.3
3929	— 0.52	— 0.9	46.0	4093	+ 0.05	— 0.8	41.1	4273	+ 0.17	— 8.1	40.0
3931	— 0.27	— 9.7	43.1	4097	+ 0.10	— 3.7	43.1	4276	+ 0.20	— 2.5	39.9
3932	— 0.83	— 2.8	44.3	4098	— 0.75	— 1.6	40.8	4277	+ 0.07	+ 0.1	40.6
3933	+ 0.58	— 2.7	43.7	4100	+ 0.15	— 1,1	39.6	4278	+ 0.02	— 0.8	42.8
3936	+ 0.15	— 3.0	44.0	4107	— 0.12	— 0.9	39.5	4280	+ 0.82	— 2.7	45.5
3944	— 0.19	— 2.2	40.2	4109	— 0.28	— 0.5	40.1	4282	— 0.17	— 2.8	40.6
3945	— 0.06	+ 0.2	45.0	4110	— 0.17	— 1.1	40.5	4286	+ 1.01	— 3.4	45.5
3946	— 0.16	— 2.6	42.9	4114	— 0.21	— 1.2	46.4	4292	— 0.05	— 1.4	39.4
3950	— 0.33	— 0.4	47.4	4115	— 0.15	— 2.0	45.5	4294	+ 0.34	+ 0.8	42.6

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
4298	+ 0ˢ.80	— 0″.6	44.1	4372	+ 0ˢ.18	— 2″.7	41.0	4461	+ 0ˢ.15	— 2″.2	39.4
4305	— 0.06	— 0.5	46.6	4380	— 0.27	+ 0.1	40.9	4467	+ 0.14	+ 2.7	45.9
4309	— 0.10	— 1.7	41.1	4383	— 0.15	— 2.7	41.4	4469	— 0.33	— 0.4	40.3
4310	+ 0.49	— 2.4	41.0	4402	— 0.29	— 2.4	45.4	4471	+ 0.04	— 2.5	39.9
4313	+ 0.82	— 1.3	45.2	4404	+ 1.61	+ 1.2	46.0	4473	+ 0.18	+ 1.7	39.4
4318	— 0.45	— 1.9	46.1	4409	+ 0.24	— 1.3	39.0	4474	— 0.28	— 2.1	42.0
4322	— 0.46	+ 0.1	46.6	4411	+ 1.53	+ 3.6	44.0	4475	+ 0.17	— 1.0	44.0
4330	+ 0.12	+ 0.3	44.0	4412	— 0.04	— 0.4	40.6	4476	+ 0.39	— 2.3	45.4
4331	+ 0.18	— 2.0	42.1	4415	+ 0.19	— 1.5	39.0	4477	+ 0.23	— 0.4	45.8
4334	+ 0.06	— 0.8	43.2	4417	+ 0.04	+ 1.6	38.9	4480	— 0.47	— 0.4	46.9-46.7
4335	— 0.53	+ 2.1	45.7	4423	+ 0.17	— 0.2	43.4	4481	— 0.82	+ 0.3	43.5
4336	— 0.62	— 0.7	45.2	4428	— 0.05	— 0.2	46.1	4484	+ 2.22	— 3.5	46.4
4338	+ 0.22	+ 0.4	44.1	4429	+ 0.20	— 0.9	41.0	4486	— 0.17	— 0.8	45.9
4342	+ 0.18	— 3.2	39.4	4439	— 0.13	+ 0.3	42.0	4488	+ 0.39	— 1.5	43.1
4343	— 0.03	— 1.6	45.3	4443	— 0.40	— 0.2	43.8	4490	+ 0.34	— 1.6	43.6
4348	+ 0.29	+ 1.0	44.3	4445	+ 0.39	— 1.2	40.0	4494	— 0.65	+ 2.8	45.8-45.6
4353	— 0.09	— 1.1	40.3	4448	+ 1.27	— 5.1	40.9	4500	+ 1.76	— 1.5	41.6
4358	+ 0.06	— 1.7	41.6	4449	+ 1.20	— 5.4	44.5	4504	— 0.26	— 0.8	43.4
4360	+ 0.50	— 1.1	41.0	4450	+ 0.41	+ 2.7	44.7	4506	+ 1.06	— 2.6	41.2
4365	— 0.21	+ 0.1	43.5	4457	— 0.84	— 0.2	43.0				
4371	+ 1.09	— 1.2	39.4	4460	+ 0.25	— 1.6	42.3				

2. La Plata D. — San Luis

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
6	— 0ˢ.01	+ 0″.1	10.1	90	— 0ˢ.49	— 0″.2	9.9	199	— 0ˢ.16	— 0″.4	10.1
11	— 0.11	— 1.6	10.1	92	— 0.04	— 0.2	9.9	202	+ 0.03	— 1.6	10.0
20	— 0.21	— 0.5	9.9	101	— 0.05	+ 0.4	10.0	204	0.0	+ 0.7	9.7
21	— 0.28	+ 0.3	10.4	102	+ 6.1	+ 1.0	10.6	207	— 0.17	+ 0.2	10.0
22	— 0.16	— 0.2	9.6	103	+ 0.64	+ 1.3	10.4	211	— 0.14	— 0.5	10.0
23	— 0.09	+ 0.2	9.3	104	+ 0.06	— 0.3	10.0	213	+ 0.02	+ 1.0	10.3
25	— 0.12	— 0.2	9.9	105	— 0.12	— 0.3	11.0	224	— 0.26	+ 0.1	9.6
33	— 0.16	0.0	11.1	106	— 0.10	— 1.1	11.0	236	— 0.02	— 0.6	10.3
36	— 0.19	— 0.8	9.3	108	— 0.01	0.0	10.3	239	— 0.43	+ 0.3	10.9
40	— 0.07	— 0.1	10.2	109	— 0.13	0.0	10.0	241	— 0.01	+ 1.0	9.5
47	— 0.28	— 0.5	9.9	110	+ 0.12	+ 1.0	10.3	247	— 0.20	+ 1.1	10.8
51	— 0.10	+ 0.7	10.4	111	— 0.25	+ 1.1	10.0	252	— 0.10	— 0.5	10.1
54	+ 0.07	— 0.1	10.1	115	— 0.36	+ 0.2	11.0	257	— 0.17	+ 0.1	9.9
57	— 0.32	+ 0.3	9.8	116	— 0.19	— 0.5	9.6	264	— 0.07	+ 0.2	9.9
58	— 0.07	0.0	10.4	117	— 0.09	+ 0.8	9.9	270	— 0.24	— 0.7	9.6
59	— 0.05	— 0.4	9.9	136	— 0.26	— 0.1	10.2	273	— 0.21	+ 0.7	10.2
62	+ 0.05	— 6.6	9.4	145	— 0.11	+ 0.2	9.8	274	— 0.19	— 0.7	9.9
63	— 0.20	+ 0.2	9.5	147	— 0.05	— 0.6	10.4	275	0.00	— 0.3	9.1
70	— 0.19	+ 0.7	10.0	149	— 0.11	— 0.1	9.6	280	— 0.05	+ 0.5	9.7
71	— 0.11	+ 0.1	9.9	151	+ 0.20	— 0.8	10.5	282	— 0.02	+ 0.2	9.2
72	— 0.31	— 0.9	10.8	170	+ 0.04	— 0.4	10.1	286	+ 0.02	— 0.9	10.3
76	— 0.27	— 1.2	9.7	176	— 0.16	+ 0.4	11.3	287	— 0.19	+ 1.2	10.6
78	— 0.18	0.0	10.9	179	— 0.23	— 0.8	11.0	288	— 0.15	+ 0.3	9.3
82	— 0.08	— 0.3	10.2	186	— 0.08	0.0	9.9	289	— 0.13	+ 0.8	9.2
85	— 0.31	+ 0.2	9.8	191	— 0.07	+ 0.4	10.0	295	— 0.03	+ 0.5	10.3
88	— 0.27	— 0.7	9.7	192	— 0.23	0.0	9.5	299	— 0.04	0.0	10.1

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
306	— 0ˢ.18	— 0″.1	10.2	515	+ 0ˢ.03	— 0″.2	10.6	737	— 0ˢ.10	+ 0″.3	10.3
309	— 0.34	— 0.4	9.8	519	— 0.01	+ 0.1	10.5	738	— 0.05	— 0.4	9.8
315	+ 0.22	+ 0.9	10.6	527	— 0.11	+ 0.4	10.7	739	— 0.10	— 0.7	10.3
322	— 0.11	0.0	9.5	528	— 0.05	+ 0.1	10.9	750	— 0.11	— 1.1	11.1
329	— 0.05	+ 1.0	9.7	532	— 0.15	+ 0.3	10.7	754	— 0.23	+ 0.6	9.9
331	— 0.34	+ 0.3	10.6	538	— 0.09	— 0.8	10.6	755	— 0.18	— 0.5	10.5
335	— 0.21	— 0.5	10.0	540	— 0.07	— 0.7	10.0	756	— 0.23	— 4.5	10.0
341	— 0.15	— 0.6	9.7	542	— 0.03	— 0.3	10.3	772	+ 0.07	— 0.8	11.0
343	— 0.28	— 0.6	10.3	543	— 0.14	+ 0.5	10.0	773	— 0.04	— 0.4	10.0
346	— 0.21	— 0.1	9.7	546	— 0.12	— 0.3	10.2	776	— 0.24	+ 0.9	9.5
347	— 0.17	+ 0.4	10.0	551	— 0.26	+ 0.4	9.6	779	+ 0.05	— 1.3	9.6
349	+ 0.01	— 0.1	10.6	556	— 0.03	0.0	11.0	780	— 0.09	— 0.4	10.2
351	— 0.19	— 0.4	10.4	557	— 0.26	— 0.2	10.1	781	— 0.13	+ 0.2	10.3
354	— 0.09	+ 1.0	9.7	559	— 0.11	+ 0.2	9.8	792	— 0.14	— 0.2	9.4
361	— 0.13	+ 0.2	10.2	560	— 0.14	+ 0.1	11.0	800	— 0.10	— 0.8	10.0
365	— 0.23	+ 1.0	10.9	565	— 0.10	— 0.1	10.1	801	— 0.11	— 0.1	10.8
371	— 0.06	— 0.5	10.1	570	— 0.05	— 0.7	10.4	806	— 0.15	+ 0.1	10.6
376	— 0.02	— 0.4	10.7	576	— 0.12	+ 1.1	10.9	812	+ 0.02	+ 0.1	9.6
377	— 0.33	— 0.8	10.2	578	— 0.11	— 0.1	9.6	813	— 0.11	+ 0.2	10.3
380	— 0.24	+ 0.1	9.9	580	— 0.22	— 1.5	10.0	821	— 0.17	+ 1.4	9.9
387	— 0.32	+ 0.8	10.0	589	— 0.10	+ 0.4	10.7	829	— 0.14	+ 1.0	12.2
393	— 0.09	+ 0.2	10.3	591	— 0.14	+ 0.4	10.1	831	— 0.02	— 0.5	10.9
403	— 0.37	— 0.9	10.9	592	— 0.11	— 1.1	10.2	834	— 0.15	+ 2.4	10.1
404	— 0.21	— 0.6	10.0	596	— 0.05	+ 0.2	9.6	835	+ 0.02	— 0.1	10.1
408	— 0.18	— 0.5	9.9	605	— 0.25	+ 0.3	10.0	836	+ 0.09	— 0.9	10.3
409	— 0.30	+ 0.1	10.9	613	— 0.16	+ 0.1	9.6	837	+ 0.10	— 0.6	9.6
412	— 0.21	+ 0.3	10.0	616	— 0.08	+ 0.9	10.6	838	— 0.12	+ 1.1	9.7
415	+ 0.11	— 0.3	10.4	619	— 0.06	— 0.4	10.7	841	— 0.02	0.0	9.9
416	+ 0.03	— 0.3	9.9	640	— 0.13	+ 0.2	9.6	843	+ 0.01	— 1.2	10.0
429	— 0.05	— 0.2	10.4	642	— 0.20	+ 0.9	10.0	846	— 0.06	— 0.7	10.8
430	— 0.10	— 0.5	10.7	649	— 0.20	— 0.1	10.0	847	— 0.27	— 0.2	10.8
432	— 0.18	+ 0.2	10.6	650	+ 0.06	— 0.1	10.0	848	+ 0.36	— 2.4	10.7
433	— 0.01	+ 0.5	10.3	652	— 0.23	+ 0.1	10.2	858	— 0.25	+ 0.8	10.0
438	— 0 27	+ 0.3	10.9	653	— 0.21	— 0.3	10.6	860	+ 0.12	— 0.2	8.8
442	+ 0.04	— 0.3	10.9	655	— 0.14	— 0.1	9.6	862	— 0.16	— 1.0	9.7
444	— 0.19	+ 0.1	10.5	657	— 0.14	— 0.3	11.0	863	— 0.02	— 0.5	9.7
446	0.00	+ 0.8	10.0	666	— 0.06	+ 0.4	10.3	867	+ 0.08	— 0.7	10.0
449	— 0.20	0.0	10.3	667	— 0.11	+ 0.5	11.0	871	— 0.19	+ 0.1	10.4
453	— 0.02	+ 0.3	10.4	669	— 0.09	+ 0.3	9.5	878	— 0.03	+ 0.1	9.9
454	— 0.04	+ 0.8	9.5	671	— 0.06	— 0.3	10.1	879	0.00	— 0.6	10.4
462	— 0.18	— 0.2	10.0	672	— 0.03	— 0.5	10.4	880	— 0.05	— 0.1	9.4
464	— 0.16	— 0.2	10.1	674	— 0.44	+ 0.7	10.5	883	— 0.28	0.0	10.9
465	0.00	+ 0.7	10.8	682	— 0.07	+ 0.1	10.3	886	0.00	— 0.1	10.2
467	— 0.12	— 0.5	10.3	687	— 0.07	+ 1.4	10.0	905	— 0.24	— 0.4	9.9
468	— 0.09	0.0	10.2	690	— 0.22	+ 0.3	10.1	913	— 0.08	— 0.5	9.4
471	— 0.25	0.0	10.9	699	— 0.15	+ 0.2	10.0	914	— 0.12	— 0.5	10.7
472	— 0.04	+ 0.5	9.7	702	+ 0.05	+ 0.5	10.1	916	— 0.06	— 0.2	10.3
473	— 0.24	+ 1.6	10.4	703	— 0.05	— 0.5	10.0	920	+ 0.08	— 0.7	11.1
474	— 0.11	— 0.6	10.7	706	— 0 11	— 0.8	11.1	925	— 0.15	— 0.2	10.2
477	— 0.03	+ 0.1	10.1	708	— 0.30	+ 0.1	10.0	932	— 0.20	+ 0.8	9.2
482	— 0.13	+ 0.2	10.2	713	— 0.01	+ 0.4	9.7	933	— 0.03	— 0.8	9.6
483	— 0.11	+ 0.2	10.0	720	+ 0.03	+ 0.2	9.7	934	— 0.16	— 0.1	11.5
484	— 0.13	— 0.3	9.8	723	— 0.12	— 0.5	10.1	937	— 0.15	— 0.2	11.1
485	— 0.25	+ 0.2	9.9	724	— 0.09	+ 0.4	10.8	943	+ 0.16	— 1.4	10.8
487	+ 0.05	+ 0.4	10.3	725	— 0.04	— 0.3	9.9	944	+ 0.09	+ 0.4	10.3
494	— 0.32	— 0.1	9.4	726	— 0.12	— 0.5	9.9	946	— 0.17	+ 0.6	9.5
495	+ 0.12	+ 4.8	9.9	728	— 0.02	— 0.5	10.6	952	— 0.81	— 1.2	11.0
504	— 0.13	— 0.3	10.4	730	— 0.22	+ 0.8	11.6	955	— 0.19	+ 0.6	9.9
512	— 0.19	+ 0.7	10.1	731	— 0.05	— 0.9	10.0	962	— 0.13	0.0	10.7

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
964	— 0ˢ.13	— 0″.1	9.8	1271	— 0ˢ.25	+ 1″.6	10.9	1699	— 0ˢ.05	+ 0″.1	9.4
985	+ 0.29	+ 1.1	10.1	1273	— 0.18	+ 0.4	10.8	1701	— 0.14	— 0.4	10.8
987	— 0.17	— 1.5	10.5	1274	— 0.01	— 0.2	10.8	1702	+ 0.06	— 0.4	9.6
990	— 0.03	+ 1.0	11.0	1287	— 0.11	— 1.1	11.0	1721	— 0.06	+ 0.1	11.0
993	+ 0.02	— 0.9	10.6	1289	— 0.13	+ 0.1	10.9	1722	— 0.13	— 0.2	10.2
995	— 0.09	— 0.1	10.2	1304	+ 0.07	+ 0.7	9.2	1724	— 0.09	— 0.2	10.8
996	— 0.07	— 0.4	10.0	1313	— 0.13	+ 1.3	11.0	1735	— 0.13	— 0.3	11.0
997	— 0.07	+ 0.2	9.2	1327	— 0.04	+ 0.3	10.3	1736	+ 0.15	+ 0.7	10.2
1000	+ 0.06	+ 0.1	9.2	1328	+ 0.09	+ 0.1	10.8	1741	— 0.06	— 0.5	9.8
1004	— 0.02	— 0.1	10.2	1335	+ 0.01	+ 0.6	11.1	1742	— 0.18	— 0.2	11.3
1005	+ 0.05	+ 0.4	10.3	1341	— 0.04	— 0.3	10.2	1751	— 0.07	0.0	10.8
1009	+ 0.12	— 0.3	10.8	1342	— 0.05	— 0.5	11.2	1755	— 0.08	+ 0.7	11.0
1011	— 0.09	— 0.4	9.8	1344	— 0.10	+ 0.2	9.0	1767	— 0.08	— 0.4	10.8
1035	— 0.12	+ 1.2	9.4	1347	+ 0.06	+ 0.5	11.6	1783	— 0.09	— 0.5	9.3
1038	+ 0.08	+ 1.3	11.4	1354	— 0.09	0.0	11.3	1798	— 0.12	— 0.3	10.2
1039	— 0.21	— 0.3	10.5	1360	— 0.24	+ 0.6	9.2	1799	— 0.14	— 0.7	9.2
1040	— 0.10	— 0.1	11.2	1373	— 0.12	— 0.2	11.2	1809	— 0.20	— 0.6	11.2
1041	— 0.11	0.0	10.5	1374	+ 0.14	— 0.6	10.9	1813	+ 0.02	+ 0.5	9.2
1044	— 0.11	+ 0.2	8.6	1375	— 0.34	+ 0.3	11.1	1821	— 0.13	+ 0.7	11.2
1050	— 0.15	+ 0.2	8.8	1376	— 0.19	— 0.3	9.6	1831	— 0.53	+ 0.8	10.8
1054	— 0.13	+ 0.8	10.3	1380	— 0.07	+ 0.7	10.2	1840	+ 0.02	+ 0.5	10.8
1055	+ 0.03	+ 0.2	8.8	1388	— 0.08	0.0	11.2	1842	— 0.23	— 0.1	10.7
1057	+ 0.02	— 0.8	9.9	1389	— 0.03	— 0.3	9.5	1846	— 0.17	— 1.0	10.1
1058	— 0.22	+ 0.3	9.8	1399	— 0.07	— 0.3	11.1	1849	— 0.35	+ 0.6	11.3
1060	— 0.08	+ 0.7	8.5	1412	— 0.22	— 0.4	10.0	1867	— 0.10	— 0.7	10.9
1076	— 0.33	0.0	9.3	1419	— 0.22	— 1.0	10.0	1868	— 0.12	— 0.2	11.5
1082	— 0.36	+ 0.7	10.6	1429	— 0.08	+ 1.4	9.5	1884	— 0.11	— 0.2	11.3
1083	— 0.07	— 0.2	9.2	1435	+ 0.08	+ 0.2	10.7	1892	— 0.17	+ 0.2	11.2
1094	— 0.21	+ 0.8	10.6	1436	— 0.12	— 0.3	10.7	1896	— 0.06	— 0.5	11.4
1098	+ 0.02	+ 0.2	8.8	1440	— 0.12	— 0.3	11.0	1904	— 0.06	+ 0.4	10.4
1108	0.00	— 0.4	9.1	1453	— 0.06	— 0.6	9.9	1906	— 0.02	— 0.2	11.0
1111	— 0.03	— 0.4	9.0	1467	— 0.08	0.0	11.0	1908	— 0.17	+ 0.5	9.4
1113	+ 0.15	+ 0.6	9.3	1489	— 0.01	+ 0.7	11.0	1943	— 0.12	+ 0.6	11.0
1115	— 0.22	+ 0.2	10.5	1492	+ 0.21	+ 0.8	10.9	1957	— 0.14	+ 1.0	9.2
1121	+ 0.03	+ 0.7	10.0	1493	— 0.06	— 0.6	11.1	1959	— 0.54	— 0.4	10.0
1123	+ 0.03	+ 0.2	11.1	1496	+ 0.16	— 0.3	10.9	1962	— 0.37	— 0.1	10.6
1141	+ 0.05	+ 0.1	10.6	1497	— 0.08	— 0.3	11.2	1970	— 0.20	+ 0.2	9.2
1142	+ 0.08	— 0.3	9.9	1505	— 0.01	— 0.8	10.5	1975	+ 0.07	— 0.1	10.6
1147	— 0.01	— 0.6	11.0	1512	— 0.09	— 0.3	10.3	1978	+ 0.07	+ 0.3	10.2
1150	— 0.07	— 0.9	11.0	1534	— 0.10	+ 0.4	9.5	1979	— 0.24	— 0.2	10.3
1158	+ 0.07	0.0	9.3	1538	— 0.12	+ 1.1	12.6	1984	— 0.05	+ 0.3	11.6
1170	— 0.16	— 0.3	9.3	1542	— 0.02	+ 0.5	10.1	1985	+ 0.07	+ 0.7	9.9
1171	— 0.21	+ 0.6	9.0	1545	— 0.16	+ 0.3	11.0	1988	+ 0.06	+ 0.4	9.9
1180	+ 0.02	+ 1.1	11.2	1546	— 0.31	+ 0.4	11.1	1989	0.00	— 0.3	10.2
1181	— 0.10	+ 0.6	9.0	1579	— 0.04	0.0	10.4	1999	— 0.10	— 0.2	11.4
1183	+ 0.04	— 0.2	9.1	1603	+ 0.08	— 0.3	10.1	2005	— 0.19	+ 0.3	9.9
1186	+ 0.01	— 1.1	9.7	1605	— 0.27	+ 0.2	10.9	2012	— 0.08	+ 0.2	9.8
1187	+ 0.26	+ 0.2	8.9	1606	— 0.46	+ 0.4	11.1	2018	0.00	+ 0.2	11.4
1201	+ 0.02	+ 0.8	10.6	1614	— 0.21	+ 0.2	9.7	2028	— 0.01	— 1.1	10.8-10.5
1202	— 0.03	— 0.5	10.4	1615	— 0.14	+ 0.7	9.0	2046	— 0.10	— 0.5	11.0
1203	+ 0.13	— 0.4	11.2	1628	+ 0.11	— 0.4	10.5	2047	— 0.14	— 1.0	11.6
1226	— 0.04	— 0.7	10.9	1633	— 0.27	+ 0.1	10.2	2051	— 1.41	+ 2.2	10.6
1229	— 0.29	+ 0.3	10.4	1639	— 0.14	— 0.5	11.2	2054	— 0.22	— 0.7	10.3
1231	+ 0.05	— 0.1	11.1	1650	— 0.21	+ 0.4	9.8	2056	— 1.13	+ 0.1	10.7
1240	+ 0.02	— 0.5	10.0	1654	— 0.11	+ 0.3	11.1	2060	— 0.21	+ 0.3	10.1
1244	+ 0.01	— 0.2	9.5	1670	— 0.04	— 0.1	11.0	2062	— 0.09	— 1.7	9.7
1258	— 0.09	+ 0.4	11.0	1677	— 0.25	0.0	11.2	2080	— 1.25	— 3.6	11.4
1260	+ 0.11	+ 0.7	10.6	1680	+ 0.32	— 0.1	11.1	2088	+ 0.08	+ 0.5	10.1
1264	+ 0.03	— 0.9	9.8	1694	— 0.16	0.0	9.0	2093	— 0.09	— 0.2	11.4

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
2096	— 0ˢ.26	— 0″.5	10.2	2538	— 0ˢ.11	— 2″.5	11.2	2949	— 0ˢ.12	+ 0″.2	11.6
2106	— 0.07	+ 0.5	9.7	2559	— 0.05	— 1.0	10.9	2959	— 0.15	— 0.3	10.2
2111	— 0.19	— 1.1	10.2	2573	— 0.20	— 0.5	10.6	2963	— 0.01	+ 0.5	11.8
2121	— 0.08	+ 0.4	10.5	2589	+ 0.01	+ 0.3	11.2	2964	— 0.11	— 0.4	12.0
2129	— 0.13	+ 0.3	9.6	2600	— 0.21	+ 0.2	10.0	3007	— 0.03	— 0.8	11.4
2147	+ 0.01	— 1.0	10.9	2604	+ 0.02	— 0.3	10.4	3017	— 0.08	— 0.5	10.4
2151	+ 0.20	0.0	10.2	2607	— 0.40	— 2.1	11.5	3041	+ 0.07	— 1.0	10.9
2166	— 0.05	— 0.7	10.8	2617	— 0.66	— 3.3	10.4	3042	— 0.06	— 0.7	10.9
2171	— 0.04	— 0.3	11.4	2619	+ 0.04	— 0.6	9.9	3047	— 0.26	+ 0.1	11.8
2194	— 0.22	— 0.5	11.3	2623	— 0.11	+ 0.3	10.6	3055	— 0.19	— 0.9	11.1
2205	— 0.16	+ 0.2	10.9	2642	— 0.31	— 0.4	10.0	3070	— 0.24	+ 0.5	11.2
2211	0.00	— 0.5	9.7	2666	+ 0.06	+ 0.3	11.4	3072	— 0.09	— 0.9	10.4
2218	— 0.03	— 0.4	11.8	2669	0.00	— 0.3	11.2	3075	— 0.19	— 2.8	11.4
2221	— 0.54	— 0.3	10.2	2670	— 0.18	+ 0.4	10.3	3082	— 0.82	— 4.8	11.4
2235	— 0.08	— 0.7	10.8	2672	— 0.07	— 1.0	10.4	3105	— 0.02	— 0.2	9.9
2242	— 0.30	+ 0.4	9.8	2675	+ 0.15	— 0.9	11.4	3118	— 0.21	0.0	11.4
2270	— 0.15	+ 0.1	11.6	2678	+ 0.02	— 0.3	11.6	3123	— 0.31	— 2.1	11.6
2287	— 0.05	+ 0.6	9.7	2681	— 0.19	— 1.1	10.2	3139	— 0.23	— 0.6	9.9
2305	— 0.39	+ 0.7	10.8	2683	— 0.22	— 4.0	10.1	3141	— 0.27	— 0.5	11.6
2306	— 0.21	— 1.1	10.9	2685	— 0.25	— 0.8	10.1	3144	— 0.16	— 0.6	11.6
2308	— 0.32	+ 0.2	10.2	2686	— 0.08	+ 0.2	9.9	3155	— 0.23	— 0.5	11.5
2315	— 0.06	— 1.4	10.7	2690	— 0.20	— 0.3	11.3	3157	— 0.30	— 0.8	11.6
2318	— 0.11	— 0.1	10.6	2694	— 0.11	— 1.3	11.2	3171	— 0.26	— 0.7	10.8
2319	— 0.09	— 0.2	9.7	2706	— 0.02	0.0	10.7	3172	— 0.28	+ 0.2	11.3
2321	— 0.07	— 0.8	11.2	2707	— 0.14	+ 0.3	10.4	3178	— 0.30	— 1.0	11.7
2323	— 0.98	— 1.5	11.6	2708	— 0.75	— 3.1	13.7	3198	— 0.20	+ 0.1	11.2
2324	— 0.11	— 1.4	10.3	2748	— 0.18	0.0	10.9	3206	— 0.33	— 0.5	11.5
2328	— 0.06	+ 0.6	9.9	2753	+ 0.01	— 0.6	11.8	3217	— 0.26	— 0.4	11.5
2331	— 0.13	+ 0.2	11.4	2759	+ 0.03	— 0.1	11.0	3220	+ 0.03	— 0.3	12.3
2334	— 0.11	— 1.3	10.6	2765	— 0.17	— 0.2	10.9	3232	— 0.21	+ 0.7	11.5
2337	— 0.01	— 1.0	10.4	2771	— 0.15	— 0.4	10.7	3238	— 0.21	— 0.2	10.1
2345	— 0.63	— 1.7	11.5	2772	— 0.02	— 0.1	12.0	3239	— 0.02	— 0.1	9.7
2346	— 0.10	+ 0.3	10.4	2774	— 0.14	— 0.3	11.9	3240	— 0.05	— 0.5	10.0
2348	— 0.01	— 0.5	10.2	2778	— 0.29	— 0.4	10.7	3243	— 0.09	— 0.1	11.0
2350	— 0.12	+ 0.5	10.2	2779	— 0.23	— 0.6	10.6	3246	+ 0.07	— 0.3	10.6
2355	— 0.21	+ 0.3	10.5	2787	— 0.08	— 1.4	10.0	3253	— 0.04	— 0.5	10.9
2356	+ 0.02	0.0	11.1	2788	+ 0.02	— 0.2	9.8	3256	— 0.29	+ 0.1	10.4
2383	— 0.18	+ 0.1	10.4	2789	— 0.11	— 1.0	10.2	3257	— 0.08	+ 0.6	11.8
2387	+ 0.65	— 2.0	10.1	2795	— 0.06	— 1.0	10.3	3284	— 0.28	— 0.7	11.2
2388	— 0.18	+ 0.1	10.2	2803	— 0.13	— 0.5	10.2	3289	— 0.13	— 0.7	10.8
2407	— 0.27	+ 0.4	10.7	2804	— 0.03	— 0.2	10.6	3291	— 0.13	+ 0.1	11.5
2410	— 0.06	— 1.0	10.7	2808	— 0.40	— 1.9	10.0	3296	— 0.29	— 0.5	9.6
2417	+ 0.02	0.0	10.2	2812	— 0.07	— 0.7	11.2	3309	— 0.25	— 0.5	10.1
2429	— 0.15	+ 0.7	10.6	2826	— 0.11	— 1.6	10.3	3333	— 0.37	— 0.4	11.9
2434	— 0.01	+ 0.1	11.0	2828	— 0.18	— 0.7	9.9	3346	— 0.37	— 0.3	11.4
2437	— 0.18	— 0.4	10.8	2835	— 0.08	— 0.4	11.2	3360	— 0.07	— 1.2	12.2
2440	+ 0.02	— 0.3	10.2	2839	— 0.08	— 0.8	10.7	3363	— 0.09	— 0.5	10.3
2441	— 0.35	+ 0.3	10.7	2842	— 0.10	— 0.9	10.0	3369	— 0.56	— 0.9	10.9
2442	+ 0.01	— 0.4	10.6	2857	— 0.23	— 0.6	9.9	3379	— 0.07	— 1.5	11.1
2443	— 0.03	— 0.3	11.4	2858	— 0.09	— 0.7	9.5	3385	— 0.33	— 2.0	9.7
2444	— 0.02	— 1.0	11.2	2871	+ 0.18	— 0.9	9.5	3394	— 0.33	— 0.7	10.6
2455	0.00	— 0.7	10.0	2888	— 0.31	— 0.6	10.5	3395	— 0.13	— 0.6	11.7
2465	— 0.01	— 1.1	10.6	2889	— 0.14	— 0.7	9.7	3396	— 0.13	— 0.2	12.1
2479	— 0.04	— 0.4	10.8	2894	— 0.18	— 0.2	11.5	3408	— 0.18	— 0.8	11.9
2490	— 0.20	+ 0.4	10.3	2908	— 0.09	— 0.9	11.0	3419	— 0.22	— 0.5	10.3
2504	— 0.14	— 0.4	11.8	2915	— 0.16	— 0.4	10.6	3444	— 0.34	— 0.3	11.6
2509	— 0.15	+ 0.1	11.7	2928	— 0.05	— 0.6	10.5	3445	— 0.25	— 1.1	11.9
2520	— 0.13	— 0.3	10.0	2940	— 0.12	— 0.4	10.3	3456	— 0.36	+ 0.2	12.1
2532	— 0.12	— 0.8	11.2	2948	— 0.18	— 1.2	11.6	3464	— 0.35	— 0.4	9.8

N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.	N°	Δα	Δδ	Δ Ep.
3470	+ 0ˢ.03	+ 1″.1	11.6	3945	— 0ˢ.38	+ 0″.3	9.9	4217	— 0ˢ.20	— 0″.5	10.9
3490	— 0.10	— 0.4	11.8	3946	— 0.20	— 1.2	11.4	4221	— 0.44	— 1.7	10.7
3492	+ 0.19	— 1.4	11.6	3947	— 0.04	+ 0.4	11.2	4223	— 0.33	— 0.3	10.4
3534	— 0.23	— 0.4	10.7	3950	— 0.29	— 0.1	11.7	4224	— 0.32	— 0.9	9.6
3537	— 0.41	— 1.5	10.9	3954	+ 0.04	— 2.0	11.2	4225	+ 0.05	— 0.1	10.1-9.9
3556	— 0.18	— 0.8	12.1	3957	— 0.23	— 0.5	11.1	4233	— 0.10	— 1.5	11.3
3582	+ 0.07	— 2.3	11.6	3961	— 0.18	0.0	11.7	4237	— 0.28	— 0.6	11.2
3599	— 0.20	— 0.1	11.4	3965	— 0.05	— 0.1	10.7	4238	— 0.18	0.0	11.5
3618	— 0.25	— 0.3	9.8	3974	— 0.14	— 0.5	10.8	4239	— 0.67	— 0.9	9.1
3629	— 0.44	— 0.7	10.8	3977	— 0.25	+ 0.2	10.6	4240	— 0.15	— 0.9	11.2
3639	— 0.17	— 0.8	11.2	3983	— 0.11	— 2.4	11.5	4244	— 0.20	— 0.1	10.3
3644	— 0.18	+ 0.4	9.8	3989	— 0.13	— 0.7	10.5	4248	— 0.16	— 0.9	10.2
3647	— 0.10	— 1.3	11.0	3991	+ 1.20	— 6.9	10.6	4256	— 0.22	0.0	9.5
3674	— 0.20	— 0.3	10.9	3995	— 0.40	— 0.1	10.4	4261	— 0.14	— 1.4	10.4
3679	— 0.42	— 0.1	10.4	3999	— 0.06	+ 0.4	12.3	4266	— 0.15	— 1.6	10.5
3685	— 0.34	0.0	10.9	4003	— 0.29	— 0.6	10.1	4278	— 0.12	+ 0.1	11.3
3688	— 0.12	— 1.6	11.4	4006	— 0.13	— 0.7	11.3	4280	— 0.05	— 1.6	10.2
3696	— 0.17	— 0.6	9.9	4016	— 0.09	— 0.9	9.5	4286	+ 0.09	— 0.6	10.6
3707	— 0.27	+ 0.6	10.6	4020	— 0.10	— 1.4	11.0	4294	— 0.11	+ 0.5	11.0
3712	— 0.38	+ 0.4	10.5	4029	+ 0.01	— 0.2	9.5	4298	— 0.06	+ 0.3	10.9
3713	— 0.10	+ 0.1	11.0	4030	— 0.39	— 0.6	10.5	4305	— 0.14	— 0.8	10.8
3732	— 0.19	— 0.2	11.1	4033	— 0.01	— 1.4	10.7	4313	+ 0.03	— 0.8	10.2
3733	— 0.35	+ 0.8	11.8	4035	— 0.24	— 0.1	10.4	4318	— 0.38	— 0.5	10.9
3738	— 0.05	— 0.5	11.7	4039	— 0.17	— 0.7	10.5	4322	— 0.44	+ 0.3	11.3
3747	— 0.22	+ 0.5	9.6	4045	+ 0.54	0.0	10.7	4330	— 0.23	+ 1.2	10.7
3779	+ 0.08	— 1.1	10.6	4060	— 0.36	— 0.2	11.5	4331	— 0.06	— 0.6	10.6
3785	— 0.05	— 0.1	10.9	4062	— 0.13	+ 0.4	11.2	4334	— 0.16	— 0.2	11.3
3784	— 0.38	— 0.5	10.9	4063	— 0.18	— 0.5	11.0	4335	— 0.32	+ 0.5	10.7
3787	— 0.25	— 1.6	11.8	4065	— 0.19	— 0.3	11.2	4336	— 0.32	— 0.3	9.5
3791	— 0.11	— 0.4	10.1	4066	— 0.21	+ 0.5	11.6	4338	+ 0.07	— 0.1	10.7
3804	— 0.27	— 0.4	10.0	4071	— 0.29	+ 0.2	10.3	4343	— 0.20	0.0	9.7
3814	— 0.20	+ 0.3	10.6	4072	— 0.32	— 0.1	11.0	4348	+ 0.08	— 0.3	10.5
3817	+ 0.12	+ 0.2	12.1	4078	0.00	— 0.3	10.8	4360	— 0.06	— 0.5	11.6
3822	— 0.28	— 0.6	11.0	4081	— 0.15	+ 0.3	11.4	4365	— 0.13	— 0.1	9.7
3825	— 0.24	+ 0.4	10.4	4087	— 0.25	+ 0.4	10.9	4383	— 0.09	— 1.2	10.2
3828	— 0.06	— 0.4	12.0	4097	— 0.18	— 0.8	10.5	4402	— 0.10	— 0.5	10.4
3834	— 0.18	— 0.4	12.0	4098	— 0.39	— 0.3	11.6	4404	+ 0.46	— 0.4	10.6
3844	— 0.14	+ 0.2	11.7	4115	— 0.12	+ 0.1	9.7	4411	+ 0.34	+ 1.3	11.1
3845	— 0.35	— 0.1	11.1	4116	— 0.27	0.0	10.2	4423	— 0.22	— 0.8	11.8
3850	— 0.29	+ 0.6	12.1	4118	— 0.16	0.0	10.3	4427	+ 0.36	— 5.4	10.9
3851	— 0.14	— 4.8	10.8	4119	+ 0.81	— 3.1	11.4	4428	0.00	— 0.9	10.3
3856	— 0.14	— 0.8	11.4	4122	— 0.46	+ 0.1	9.7	4443	— 0.27	+ 0.2	9.7
3858	— 0.33	+ 0.2	10.9	4137	— 0.23	— 0.2	10.2	4449	+ 0.03	— 1.5	10.8
3864	— 0.28	+ 2.9	10.9	4145	— 0.24	+ 0.6	10.2	4450	— 0.02	+ 0.1	10.1
3867	— 0.32	0.0	10.9	4148	— 0.12	— 1.0	10.7	4457	— 0.31	— 0.3	10.0
3877	— 0.17	+ 0.5	9.3	4162	— 0.20	— 1.1	10.4	4460	+ 0.07	— 0.6	10.0
3878	— 0.30	+ 0.8	10.7	4165	— 0.29	+ 0.5	10.4	4467	— 0.14	0.0	10.6
3884	— 0.23	— 0.8	11.0	4166	+ 0.12	+ 1.4	10.6	4472	— 0.27	— 1.0	10.1
3888	— 0.20	+ 0.7	10.1	4170	— 0.06	+ 0.4	9.6	4475	— 0.07	— 1.0	10.7
3899	— 0.31	— 1.2	10.5	4179	+ 0.03	— 0.8	11.3	4476	— 0.28	— 1.1	11.5
3905	— 0.14	— 1.5	11.5	4183	— 0.41	— 0.2	9.6	4477	— 0.05	+ 0.7	10.0
3909	— 0.07	0.0	11.4	4195	— 0.01	+ 0.1	10.1	4480	— 0.27	— 0.3	11.3
3911	— 0.17	+ 0.5	12.2	4196	+ 0.43	— 1.1	11.1	4481	— 0.26	+ 0.3	9.4
3913	— 0.35	+ 0.8	11.2	4198	— 0.29	— 0.7	10.6	4486	+ 0.33	— 1.4	11.4
3915	— 0.22	— 0.2	10.0	4200	— 0.17	— 0.4	10.0	4488	— 0.14	— 0.7	10.1
3919	— 0.12	— 1.0	11.3	4202	— 0.11	— 0.8	10.7	4490	+ 0.08	— 0.6	9.6
3931	— 0.26	— 2.7	12.2	4204	— 0.03	— 1.2	10.6	4492	— 0.28	+ 0.9	10.4
3932	— 0.75	— 0.4	11.4	4206	— 0.15	— 0.4	10.7	4500	+ 0.21	— 0.4	9.9
3933	+ 0.02	— 0.9	11.0	4211	— 0.28	— 1.1	11.1	4504	— 0.30	— 1.1	11.2

APÉNDICE IV

Tercer término de la Precesión

A. R.	En A. R.					En Declinación				
	−65°	−67°	−69°	−71°	−73°	−65°	−67°	−69°	−71°	−73°
0h 0m	+s.077	+s.090	+s.108	+s.132	+s.165	−″.17	−″.17	−″.17	−″.17	−″.17
0 30	+.058	+.066	+.076	+.088	+.103	−.11	−.11	−.10	−.10	−.09
1 0	+.038	+.040	+.042	+.042	+.039	−.08	−.07	−.06	−.06	−.05
1 30	+.018	+.015	+.010	.000	−.018	−.05	−.05	−.05	−.04	−.04
2 0	+.001	−.006	−.016	−.032	−.060	−.04	−.04	−.05	−.05	−.06
2 30	−.011	−.019	−.032	−.052	−.084	−.05	−.05	−.06	−.08	−.10
3 0	−.018	−.026	−.039	−.058	−.088	−.05	−.06	−.08	−.10	−.14
3 30	−.019	−.027	−.038	−.053	−.076	−.06	−.07	−.09	−.12	−.16
4 0	−.017	−.022	−.029	−.039	−.053	−.06	−.08	−.10	−.13	−.18
4 30	−.012	−.015	−.018	−.021	−.024	−.06	−.07	−.09	−.12	−.16
5 0	−.007	−.007	−.006	−.003	+.004	−.05	−.06	−.07	−.10	−.13
5 30	−.003	−.002	+.002	+.009	+.023	−.03	−.04	−.04	−.06	−.08
6 0	−.002	+.001	+.006	+.014	+.030	−.01	−.01	−.01	−.01	−.01
6 30	−.003	−.001	+.003	+.010	+.024	+.02	+.02	+.03	+.04	+.05
7 0	−.006	−.006	−.004	−.001	+.006	+.03	+.04	+.06	+.08	+.11
7 30	−.010	−.013	−.015	−.018	−.020	+.04	+.06	+.08	+.10	+.14
8 0	−.015	−.020	−.026	−.035	−.048	+.05	+.06	+.08	+.11	+.15
8 30	−.017	−.024	−.034	−.049	−.071	+.05	+.06	+.08	+.11	+.15
9 0	−.015	−.024	−.036	−.054	−.083	+.05	+.05	+.07	+.09	+.12
9 30	−.009	−.017	−.029	−.048	−.078	+.04	+.05	+.05	+.07	+.09
10 0	+.003	−.003	−.013	−.029	−.055	+.04	+.04	+.04	+.05	+.06
10 30	+.019	+.017	+.012	−.003	−.014	+.05	+.05	+.04	+.04	+.04
11 0	+.038	+.041	+.043	+.044	+.042	+.08	+.07	+.06	+.06	+.05
11 30	+.058	+.067	+.077	+.089	+.104	+.11	+.11	+.10	+.10	+.09
12 0	+.076	+.090	+.108	+.132	+.164	+.17	+.17	+.17	+.17	+.17
12 30	+.089	+.107	+.132	+.166	+.214	+.23	+.24	+.25	+.26	+.28
13 0	+.094	+.115	+.144	+.185	+.244	+.31	+.32	+.34	+.37	+.40
13 30	+.090	+.112	+.142	+.184	+.248	+.38	+.41	+.44	+.49	+.54
14 0	+.075	+.095	+.123	+.162	+.222	+.44	+.48	+.53	+.59	+.67
14 30	+.051	+.067	+.088	+.119	+.167	+.49	+.54	+.60	+.68	+.78
15 0	+.020	+.028	+.040	+.058	+.087	+.51	+.56	+.63	+.72	+.84
15 30	−.017	−.017	−.016	−.014	−.009	+.50	+.56	+.62	+.72	+.83
16 0	−.055	−.064	−.075	−.090	−.110	+.45	+.50	+.57	+.66	+.77
16 30	−.089	−.107	−.130	−.161	−.206	+.37	+.42	+.47	+.55	+.64
17 0	−.117	−.142	−.174	−.219	−.284	+.26	+.30	+.34	+.39	+.46
17 30	−.135	−.164	−.203	−.256	−.334	+.13	+.15	+.17	+.20	+.23
18 0	−.141	−.172	−.212	−.269	−.350	−.01	−.01	−.01	−.01	−.02
18 30	−.135	−.163	−.202	−.255	−.332	−.15	−.17	−.19	−.22	−.26
19 0	−.116	−.140	−.172	−.216	−.280	−.28	−.32	−.36	−.42	−.49
19 30	−.087	−.104	−.127	−.157	−.201	−.39	−.44	−.50	−.57	−.67
20 0	−.052	−.060	−.071	−.086	−.104	−.47	−.52	−.59	−.68	−.78
20 30	−.014	−.014	−.012	−.009	−.002	−.51	−.57	−.64	−.73	−.86
21 0	+.023	+.032	+.045	+.064	+.094	−.52	−.58	−.65	−.73	−.85
21 30	+.054	+.070	+.092	+.124	+.194	−.50	−.55	−.61	−.69	−.79
22 0	+.078	+.099	+.127	+.167	+.228	−.45	−.49	−.54	−.60	−.68
22 30	+.092	+.114	+.145	+.189	+.253	−.38	−.41	−.45	−.49	−.55
23 0	+.096	+.118	+.147	+.188	+.248	−.31	−.33	−.35	−.37	−.41
23 30	+.090	+.109	+.134	+.168	+.216	−.23	−.24	−.25	−.26	−.28