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# CATÁLOGO LA PLATA F

DE 4828 ESTRELLAS

ENTRE  $46^{\circ}50'$  Y  $52^{\circ}10'$  DE DECLINACIÓN AUSTRAL (1875)

PARA EL EQUINOCIO 1935

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POR

HUGO ARTURO MARTÍNEZ

Astrónomo en el Observatorio Astronómico



LA PLATA

OBSERVATORIO ASTRONÓMICO

1938



## INTRODUCCIÓN

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Las Zonas de la *Astronomische Gesellschaft* correspondientes a La Plata comprendían, de acuerdo al programa adoptado bajo la dirección del profesor Hussey, las limitadas entre las declinaciones  $-52^{\circ}$  a  $-82^{\circ}$ ; luego, por convenio con el Observatorio Nacional de Córdoba, dicho programa fué ampliado con la de  $-47^{\circ}$  a  $-52^{\circ}$ , objeto de esta publicación.

El programa se extiende desde  $-46^{\circ}50'$  a  $52^{\circ}10'$  y comprende todas las estrellas hasta magnitud 9.0 que se encuentran en el *Córdoba Durchmusterung*, tomos XVIII y XXI.

El trabajo de observación se inició a fines del año 1934 y se terminó a fines de 1935, efectuándose unas 18.000 observaciones para las 4828 estrellas que constituyen el total del programa.

Fué posible en tan corto tiempo realizar este programa por las condiciones metereológicas excepcionales que nos favorecieron durante todo el trabajo y casi sin excepción se pudo desarrollar el programa planeado para cada noche de observación.

Por noche se hacían unas 100 observaciones de las que 10 ó 12 eran de estrellas fundamentales y 2 parejas de circumpolares, cada una con estrellas en ambas culminaciones.

Las observaciones se realizaron con el Gran Círculo Meridiano Gautier cuya descripción se encuentra en el tomo I de las *Publicaciones* de este Observatorio.

Para las observaciones en ascensión recta se utilizó el Micrómetro impersonal Repsold con que está equipado el antejo, siguiéndose las estrellas durante 3 rotaciones completas en la parte central del campo.

Los pasos de estrellas y el reloj se registraron en el cronógrafo Favarger.

El péndulo Riefler n° 325 se empleó sistemáticamente y por excepción el Riefler n° 468, ambos instalados en los sótanos del Observatorio y mantenidos a presión y temperatura constantes.

Para las declinaciones el ayudante leía los 4 microscopios del pilar del este y el observador hacía 2 bisecciones con el tornillo micrométrico antes y después de la observación en ascensión recta en partes simétricas del campo a 12 segundos del centro.

Para las fundamentales siempre se hicieron dos lecturas de trazo en cada microscopio y para las de zona una sola lectura.

El run y la mira se tomaban antes y después de la observación, el nadir solamente al final y siempre que las condiciones de tranquilidad del baño de mercurio lo permitían.

Los datos metereológicos se tomaban cada hora, la presión en el barómetro Fortin n° 2571 instalado en una sala contigua a la del Círculo Meridiano. En el termómetro n° 126, que permanecía durante la observación en la abertura de la sala meridiana a la altura del objetivo (a 3 metros de altura sobre el piso), se leía la temperatura ambiente.

La colimación se determinaba mensualmente por inversión sobre la mira, colocada a 140 metros al sur del Meridiano.

El sistema de referencia utilizado fué el *Dritten Fundamental Katalogs* (F. K. 3.), del que se eligieron 118 estrellas en una faja de  $15^\circ$  a ambos lados del centro de la zona.

Para 100 estrellas fundamentales que fueron observadas 10 ó más veces se derivaron posiciones cuya comparación con el F. K. 3. se da en la tabla I.

Para la reducción en ascensión recta se utilizó la fórmula de Besel, los tiempos de pasaje se determinaban leyéndose 10 contactos.

Los  $\Delta t + m$  y puntos del ecuador aplicados en cada noche fueron casi siempre los promedios de todas las fundamentales que se tomaron. Se calculó para 35 noches el error medio de ambas constantes, resultando de  $\pm 0''.14$  y  $\pm 0''.16$ , respectivamente.

La refracción ha sido calculada con las tablas de Albrecht, *Formeln un Hilfstafeln*, 4ª edición, 1908.

A todas las estrellas ha sido aplicado el error de trazo, cuyos valores se sacaron del tomo VI, entrega 4ª de las *Publicaciones* de este Observatorio.

Se ha calculado el error medio de una posición del catálogo en base de 370 estrellas con 3 ó 4 observaciones y considerando que cada estrella del catálogo tiene en promedio 3.22 observaciones, resultó para ascensión recta  $\pm 0''.17$  y para declinación  $\pm 0''.18$ .

En la tabla II, se da la comparación con La Plata A. tomada siempre en el sentido: este catálogo, menos La Plata A.

A continuación de la tabla II, se da las posiciones de una pequeña lista de estrellas observadas por equivocación.

Las estrellas  $50^\circ 2309$  y  $52^\circ 4218$  nunca fueron observadas por no haber sido vistas.

En el *Córdoba Durchmusterung*, tomo XVIII en la página n° 366 de la zona —  $49^\circ$  la numeración está equivocada en 100. En esta publicación se ha respetado la numeración de Córdoba y las estrellas afectadas de este error están indicadas al pie de la página que las comprende.

Al pie de cada página se encuentran las notas necesarias para identificar las estrellas, *p*, indica precede, *s*, sigue; *N*, norte y *S*, sur.

El señor Silvio Mangariello efectuó el total de las lecturas de los círculos.

Los señores Jorge Garbarino, Silvio Mangariello, Angel Baldini y el que suscribe realizaron todos los cálculos y reducciones.

HUGO ARTURO MARTÍNEZ.

La Plata, junio de 1938.

TABLA I

No F. K. 3.	Nombre	α 1935.0	δ 1935.0	L. P. F. — F. K. 3.		Época (93) +	No de obs.
				α	δ		
6	θ Sculptoris .....	0 <sup>b</sup> 8 <sup>m</sup> 25 <sup>s</sup> 948	—35° 29' 48" 75	+0.043	—0.12	5.74	10
15	2 <sup>a</sup> Phoenicis .....	28 17.140	49 9 45.60	— .014	+ .20	5.51	10
38	β Phoenicis .....	1 3 11.185	47 3 58.34	+ .006	+ .48	5.12	14
39	ι Tucanae .....	4 44.418	62 7 19.55	— .033	— .07	5.81	12
54	α Eridani .....	35 17.718	57 33 59.52	— .041	— .36	5.22	16
58	129 G Sculptoris .....	39 11.099	37 9 35.12	+ .031	— .31	5.19	28
67	ψ Phoenicis .....	51 2.492	46 37 13.24	— .003	+ .22	5.29-5.28	26-27
68	ζ Eridani .....	53 25.780	51 55 54.48	— .011	+ .05	5.24-5.22	20-21
72	α Hydri .....	56 43.290	61 53 8.28	— .032	— .28	5.28	16
84	ζ Horologii .....	2 23 4.788	60 36 8.79	+ .028	— .43	5.01-5.10	9-10
86	α Eridani .....	24 36.138	47 59 41.66	— .021	— .05	5.15-5.13	15-16
119	ε Eridani .....	3 17 19.890	43 19 2.15	— .014	+ .26	5.10	13
126	α Reticuli .....	28 14.202	63 9 57.91	— .008	+ .23	5.22-5.16	11-12
128	45 G Horologii .....	30 38.323	50 35 54.94	+ .042	— .42	5.22-5.16	11-12
130	γ Eridani .....	34 45.611	40 29 13.64	— .006	— .60	5.08-5.14	14-15
143	g Eridani .....	47 1.204	36 23 46.45	— .009	— .57	5.18	17
155	α Horologii .....	4 11 50.766	42 27 13.43	+ .015	— .06	5.16-5.14	18-19
156	α Reticuli .....	13 34.936	62 38 10.14	— .008	+ .05	5.08	13
157	γ Doradus .....	14 19.280	51 38 59.00	+ .016	+ .24	5.07-5.08	17-16
167	δ Caeli .....	28 50.555	45 5 32.48	+ .011	+ .14	5.14-5.11	11-12
171	α Doradus .....	32 35.333	55 10 43.35	— .005	— .04	5.18	13
187	α <sup>2</sup> Pictoris .....	5 3 16.843	49 39 54.13	+ .033	+ .62	5.22	11
212	β Doradus .....	33 3.475	62 31 55.35	.000	+ .05	5.13-5.14	15-14
215	α Columbae .....	37 17.607	34 6 27.94	— .012	— .34	5.13-5.12	16-17
223	β Columbae .....	48 39.987	35 47 30.32	— .009	— .19	5.13	18
229	ι Columbae .....	57 9.338	42 49 4.10	+ .009	+ .45	5.16	31-32
231	1 G Puppis .....	6 2 36.076	45 2 7.61	+ .003	— .06	5.19-5.16	29
235	δ Pictoris .....	9 1.878	54 57 12.52	+ .028	— .12	5.01	13
278	π Argus .....	7 14 50.747	36 58 47.25	— .023	— .43	5.09	12
290	f Puppis .....	34 57.703	34 49 16.91	+ .008	— .44	5.18	23
301	α Puppis .....	49 58.887	40 24 25.13	+ .028	— .06	5.17	21-23
303	ζ Argus .....	55 7.517	52 48 26.15	— .004	— .21	5.17	23-24
306	ξ Argus .....	8 1 17.902	39 49 8.75	— .001	— .04	5.27	29-30
309	γ Argus .....	7 31.685	47 8 38.58	— .029	+ .64	5.17-5.10	11-9
313	g Puppis .....	16 7.264	36 27 24.99	+ .015	+ .07	5.03	31
315	ε Argus .....	21 10.860	59 17 59.09	— .021	+ .05	5.09	11
336	c Carinae .....	53 34.515	60 23 44.68	— .023	.00	5.12	21
351	δ Argus .....	9 15 20.987	59 0 6.82	— .029	+ .37	5.14	28-30
359	ψ Argus .....	28 8.254	40 10 53.28	+ .013	— .36	5.18	17
361	N Velorum .....	29 14.722	56 44 49.35	+ .002	— .03	5.10	20-21
369	ν Argus .....	45 28.652	64 46 12.08	— .017	— .34	5.26	16-17
375	ρ Argus .....	54 34.652	54 15 28.22	+ .013	— .53	5.22	25
377	α Antliae .....	56 4.728	35 34 45.31	— .010	— .08	5.25	19
382	g Velorum .....	10 12 0.228	41 47 57.33	+ .012	+ .26	5.08	19
393	s Carinae .....	25 29.312	58 24 25.52	+ .029	— .11	5.07	16-17
397	p Carinae .....	29 42.488	61 21 1.62	+ .003	+ .23	5.17	27-28
428	π Centauri .....	11 18 2.107	54 8 4.33	— .016	+ .01	5.20	22
435	C <sup>2</sup> Centauri .....	32 46.091	47 16 51.61	+ .013	+ .09	5.33	16
439	α Hydrae .....	36 58.715	34 23 3.68	— .050	— .58	5.33	16-17
443	65 G Centauri .....	43 21.472	60 49 0.63	+ .032	+ .09	5.26	44
446	B Centauri .....	47 53.244	44 48 42.23	+ .041	+ .48	5.33	17-14
452	δ Centauri .....	12 4 58.838	50 21 37.97	+ .009	+ .40	5.18	20-18
455	δ Crucis .....	11 40.854	58 23 14.32	— .014	— .08	5.20	23
464	τ Centauri .....	24 30.885	49 52 14.60	— .005	+ .25	5.27	17
468	γ Crucis .....	27 32.832	56 44 57.92	— .023	— .20	5.32	26
481	β Crucis .....	43 54.465	59 20 0.78	— .043	+ .29	5.28	13
496	ι Centauri .....	13 16 56.105	36 22 11.84	— .002	— .10	5.31	18
508	α Centauri .....	45 41.474	42 9 2.19	+ .007	— .07	5.41	25

N <sup>o</sup> F. K. 3.	Nombre	$\alpha$ 1935.0	$\delta$ 1935.0	L. P. F. — F. K. 3.		Época 1930 +	N <sup>o</sup> de obs.
				$\alpha$	$\delta$		
512	$\zeta$ Centauri .....	13 <sup>h</sup> 51 <sup>m</sup> 28.386	—46° 58' 8" 41	—0.019	+0.18	5.45	18-19
514	294 G Centauri .....	52 55.344	63 22 8.11	— .008	— .04	5.43	21-23
518	$\beta$ Centauri .....	59 13.019	60 3 37.01	— .049	+ .04	5.35	47-48
520	$\theta$ Centauri .....	14 2 50.960	36 3 3.08	+ .025	+ .48	5.26	16
529	$\nu$ Centauri .....	15 46.127	56 5 17.14	+ .020	— .13	5.26	15-16
537	$\kappa$ Centauri .....	31 22.181	41 52 24.13	— .010	.00	5.37	23
541	$\alpha$ Lupi .....	37 35.701	47 6 36.73	— .013	+ .30	5.45	11
546	$b$ Lupi .....	42 27.675	52 6 34.71	+ .021	— .11	5.44	13
575	$\gamma$ Lupi .....	15 30 48.037	40 56 58.99	+ .005	— .24	5.39	12
586	$\zeta$ Lupi .....	46 49.268	33 25 50.57	— .014	— .23	5.56	18
589	$\beta$ Trianguli Australis ..	49 23.746	63 13 55.00	+ .010	+ .08	5.56	18
596	$\delta$ Normae .....	16 1 53.307	44 59 54.54	— .004	— .11	5.41	30
599	$\theta$ Lupi .....	2 19.038	36 37 36.74	+ .020	+ .21	5.48	10
600	$\zeta$ Normae .....	8 20.457	54 27 50.99	+ .048	+ .05	5.35	14
602	$\delta$ Trianguli Australis ..	9 30.263	63 31 17.75	+ .014	+ .56	5.34	17
631	$\alpha$ Arae .....	53 13.945	55 53 22.40	— .017	+ .02	5.48	26-27
632	$\epsilon$ Arae .....	54 23.747	53 3 44.77	+ .019	+ .30	5.55	12
648	$\delta$ Arae .....	17 25 13.465	60 37 54.86	— .045	— .15	5.56-5.55	15-16
651	$\alpha$ Arae .....	26 48.794	49 49 35.58	+ .016	+ .39	5.49	9-10
654	$\theta$ Scorpii .....	32 38.709	42 57 29.88	+ .007	+ .06	5.46	15
662	$\mu$ Arae .....	38 58.799	51 48 5.39	+ .002	— .16	5.64	11
666	$\epsilon$ Scorpii .....	43 2.146	40 6 13.40	— .012	— .21	5.59	26
669	G Scorpii .....	45 25.896	37 1 27.83	— .032	— .17	5.64	14-13
683	$\kappa$ Sagittarii .....	18 13 13.691	36 46 58.96	+ .045	— .37	5.46	17
686	$\nu$ Pavonis .....	17 14.256	61 31 32.88	+ .019	+ .33	5.49	22
697	$\theta$ Coronae Australis .....	28 51.683	42 21 40.36	+ .006	+ .02	5.60	26
728	$\alpha$ Sagittarii .....	19 19 23.136	40 44 23.75	+ .006	+ .10	5.59	24
739	$\nu$ Telescopii .....	42 43.252	56 31 14.74	+ .027	— .17	5.62	36
755	$\epsilon$ Telescopii .....	20 2 24.888	53 4 6.52	+ .024	+ .38	5.56	17
763	$\zeta$ Sagittarii .....	18 3.049	42 15 21.41	+ .006	— .10	5.56	14
764	$\alpha$ Pavonis .....	20 31.019	56 56 42.42	— .002	— .17	5.59	24
769	$\alpha$ Indi .....	33 0 188	47 31 10.38	+ .004	+ .12	5.65	12
776	$\kappa$ Indi .....	39 16.565	52 9 16.59	— .002	+ .20	5.70	10
790	$\zeta$ Microscopii .....	58 49.097	38 53 11.12	+ .001	+ .22	5.65	12
822	$\gamma$ Gruis .....	21 49 59.938	37 40 17.40	+ .009	— .40	5.71	23
825	$\epsilon$ Indi .....	58 24.152	57 3 14.92	+ .017	— .16	5.75	13
829	$\alpha$ Gruis .....	22 4 8.722	47 16 35.15	+ .009	+ .42	5.65	15
841	$\alpha$ Tucanae .....	14 3.908	60 35 3.70	— .056	— .06	5.68	11
860	$\epsilon$ Gruis .....	44 38.305	51 39 32.98	+ .016	— .17	5.77	10
877	$\gamma$ Tucanae .....	23 13 38.891	58 35 32.37	+ .008	— .14	5.78-5.77	14-13
889	11 G Phoenicis .....	34 21.394	45 51 7.52	— .016	+ .07	5.39-5.34	20-22
901	$\pi$ Phoenicis .....	55 34.110	53 6 31.96	+ .009	— .01	5.30	21



TABLA II

Número		L. P. F. — L. P. A.			Número		L. P. F. — L. P. A.			Número		L. P. F. — L. P. A.		
L. P. F.	L. P. A.	$\Delta\alpha$	$\Delta\delta$	$\Delta z$	L. P. F.	L. P. A.	$\Delta\alpha$	$\Delta\delta$	$\Delta z$	L. P. F.	L. P. A.	$\Delta\alpha$	$\Delta\delta$	$\Delta z$
49	55	-0.07	-0.1	20.3	1927	2850	-0.12	+0.1	22.0	3452	5481	-0.07	+0.5	21.1
127	179	- .27	+ .4	21.3	1941	2869	- .06	+ .1	22.1	3458	5503	- .01	+ .1	20.3
185	260	+ .13	- 5.2	22.0	2003	2971	- .09	.0	22.0	3477	5543	- .06	+ .1	20.7
290	377	+ .12	+ 1.1		2005	2981	- .11	+ .4	22.0	3479	5548	- .09	+ .2	20.0
348	460	- .13	+ 1.1	19.9	2010	2999	- .14	+ .5	22.1	3488	5564	- .12	+ .2	20.1
355	470	- .19	- .4	21.2	2043	3056	- .07	+ .9	21.7	3510	5599	- .03	- .6	20.6
418	525	+ .03	+ .8	21.4	2092	3164	- .05	+ 1.1	22.0	3586	5728	- .10	+ .3	21.1
454	571	- .09	+ .1	21.4	2129	3220	- .14	+ .3	22.0	3595	5734	- .01	+ .2	20.6
462	586	- .18	.0	20.2	2172	3285	- .02	- .1	22.0	3603	5764	- .07	- .9	19.9
488	630	- .04	+ 1.0	21.3	2197	3311	- .12	+ .9	21.9	3622	5804	- .15	+ .6	20.2
578	752	- .07	+ .3	21.3	2202	3318	- .06	- .6	22.1	3644	5834	.0	- .5	20.0
605	791	- .10	+ .4	21.3	2207	3326	+ .25	+ 1.0	22.0	3655	5855	- .07	- .3	21.0
639	845	- .15	.0	21.4	2218	3343	- .09	- .5	19.0	3663	5861	+ .06	+ .1	20.9
663	878	- .17	+ .4	21.4	2239	3376	- .12	+ .8	21.4	3707	5916	- .07	+ 1.1	20.6
673	897	- .03	+ 1.0	21.2	2293	3464	- .11	+ .5	22.1	3751	5975	- .06	+ .1	20.0
692	919	+ .01	+ 1.1	21.2	2302	3472	- .74	+ 1.8	22.0	3834	6096	+ .06	- 1.3	21.0
713	949	+ .08	+ .8	20.3	2378	3600	- .20	+ .4	21.9	3886	6181	- .06	- .1	20.5
739	970	- .20	+ .1	19.9	2390	3612	- .06	+ .4	21.9	3918	6223	+ .10	+ .8	21.1
745	978	- .08	+ 1.2	21.3	2415	3663	- .18	+ .3	21.9	3925	6229	.0	- .4	21.0
754	991	- .01	- .8	20.5	2444	3694	- .14	+ 1.3	22.0	3945	6261	+ .02	+ .9	21.1
779	1033	- .08	- .9	21.3	2467	3729	- .11	- .2	22.1	3964	6281	- .03	+ .1	20.5
783	1038	+ .02	- .6	21.2	2504	3784	- .26	- .6	22.1	3973	6290	- .08	+ .3	21.1
808	1084	- .02	+ .3	21.0	2515	3818	- .07	+ .1	22.0	3990	6313	- .19	- 1.1	19.2
809	1087	- .13	+ .6	21.0	2539	3857	- .03	+ .5	21.3	4048	6404	- .11	- .3	20.0
820	1122	- .13	+ 1.9	21.1	2551	3881	- .05	- .6	22.0	4055	6418	+ .03	- .1	20.5
825	1127	- .10	+ .5	21.3	2565	3910	+ .03	- .1	22.1	4069	6432	- .09	- .4	21.0
869	1174	- .07	+ .2	21.2	2590	3959	- .13	+ .2	21.9	4112	6479	+ .01	+ .3	21.0
877	1185	- .17	+ .1	21.1	2652	4101	- .13	+ .3	21.7	4126	6491	- .03	+ 1.3	21.1
885	1193	- .20	- .2	21.0	2656	4110	- .43	- .1	21.6	4131	6494	- .05	- 1.3	20.5
888	1196	- .05	+ .9	19.1	2669	4127	.0	+ .7	22.0	4132	6495	+ .01	- .3	20.7
913	1225	- .11	- .5	20.9	2676	4141	- .09	+ 1.1	22.0	4168	6539	- .06	- .3	21.0
950	1277	.0	+ .7	21.1	2701	4203	- .07	+ .2	20.3	4215	6599	- .10	+ .1	21.0
978	1324	- .06	+ 1.0	21.9	2734	4232	+ .01	- .8	22.0	4218	6601	+ .05	- .3	20.5
1021	1391	- .08	+ .4	21.0	2742	4253	- .13	- .3	21.6	4242	6632	- .08	+ .5	21.0
1028	1400	- .07	- .1	21.4	2756	4277	- .17	- .8	22.1	4255	6651	.0	+ 1.6	21.0
1069	1463	- .16	+ 4.4	21.9	2766	4291	- .15	.0	22.1	4282	6694	+ .04	+ .3	20.0
1099	1506	- .12	+ 1.5	21.9	2787	4316	- .04	- .1	20.9	4302	6724	- .30	- 1.0	21.1
1110	1520	- .10	+ 1.5	21.7	2872	4419	+ .02	+ .6	22.0	4323	6754	.0	- .3	21.0
1127	1567	- .37	+ 5.3	21.5	2915	4494	+ .02	+ .6	22.2	4337	6766	- .05	- .3	21.2
1135	1588	- .17	+ .9	21.6	2930	4507	- .02	- .7	21.4	4349	6782	- .47	+ .5	21.1
1175	1658	- .11	+ .2	21.7	2938	4529	+ .07	- .5	21.7	4399	6847	- .04	+ .5	17.1
1256	1741	- .01	+ 1.0	22.2	2986	4607	- .05	+ .2	21.9	4440	6913	+ .06	+ 1.8	21.0
1487	1994	.0	+ 1.0	21.0	3012	4665	- .02	- .9	21.5	4441	6914	+ .03	+ .6	20.0
1490	1999	- .18	+ .2	21.0	3031	4695	- .19	+ .2	20.9	4466	6935	- .13	- .7	21.1
1512	2018	- .11	+ .3	21.5	3112	4818	- .07	+ .5	21.0	4512	7006	- .01	.0	20.6
1556	2082	- .15	+ 1.7	21.3	3132	4848	- .08	+ .1	21.7	4550	7060	+ .06	- 1.3	21.0
1601	2172	+ .01	- 3.8	21.6	3142	4863	- .07	+ .8	20.8	4563	7076	+ .08	+ .8	21.2
1615	2204	- .23	+ 1.0	22.0	3168	4900	- .31	- 1.6	21.0	4621	7153	- .03	- 1.6	20.8
1637	2243	- .04	- 1.1	21.9	3223	4992	- .01	+ .1	21.6	4627	7156	- .01	- 1.8	21.1
1638	2245	- .04	+ 3.6	21.9	3245	5047	- .04	- .4	21.3	4643	7167	- .04	.0	20.6
1674	2354	- .07	+ .3	22.0	3269	5075	- .03	+ .8	21.0	4662	7189	+ .01	- .7	21.1
1681	2373	- .02	- .5	21.9	3294	5101	.0	+ .3	21.4	4668	7197	- .07	.0	21.1
1758	2533	- .12	+ .3	22.0	3333	5177	- .01	- .7	21.6	4677	7205	+ .11	- .1	20.3
1810	2637	- .65	+ 4.9	21.7	3334	5179	- .07	- .2	21.6	4693	7229	- .05	- .9	20.1
1821	2664	+ .01	+ .2	21.6	3404	5348	- .02	- .3	20.5	4700	7236	- .20	- 1.6	20.1
1832	2688	- .19	- .1	21.6	3410	5363	- .13	+ .2	20.0	4711	7251	- .48	- 5.3	20.1
1842	2705	- .08	+ .3	21.7	3429	5422	- .04	+ .4	20.6	4789	7365	+ .03	- .5	21.1
1880	2784	- .06	+ .8	21.4	3436	5443	+ .01	+ .4	20.1	4801	7380	+ .01	- .9	20.0
1926	2849	- .17	+ .1	22.0	3438	5448	- .01	- .5	20.4	4817	7392	+ .39	- 1.3	22.0

## Estrellas fuera de programa

Nº	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs.	Cord.
1	9.5	0 <sup>h</sup> 2 <sup>m</sup> 16.56	+3.0583	-0.0308	-47 <sup>o</sup> 55' 51.74	+20.043	-0.013	.8	1	48 <sup>o</sup> 14688
2	9.3	4 48 33.51	1.4568	+ .0069	51 47 58.6	6.147	.205	.0	1	51 1277
3	9.7	59 47.58	1.6252	.0052	48 17 19.7	5.205	.231	.0	1	48 1605
4	9.7	5 45 36.22	1.5635	.0033	48 32 24.3	1.258	.228	.0	1	48 1982
5	9.7	6 21 46.28	1.5529	.0013	48 48 36.5	- 1.901	.224	.1	1	48 2288
6	9.8	6 54 32.—	+1.5865	-0.0602	-48 51 31.9	- 4.723	-0.222	.0	1	48 2602
7	9.5	9 1 29.26	1.9176	+ .0023	50 54 25.1	14.265	.190	.2	1	50 3790
8	9.1	20 25.20	1.9821	.0044	51 50 47.4	15.378	.179	.2	1	51 3744
9	9.5	24 28.18	1.9922	.0048	52 11 7.9	15.603	.176	.1	1	51 3821
10	9.8	28 4.74	2.0475	.0057	51 16 27.8	15.838	.177	.1	1	51 3876
11	—	10 2 10.80	+2.2399	+0.0118	-51 44 6.7	-17.454	-0.153	.2	1	51 4449
12	9.3	5 53.64	2.2726	.0125	51 25 5.9	17.611	.151	.2	1	51 4495
13	9.4	25 20.67	2.4658	.0163	48 49 48.3	18.393	.135	.2	1	48 5672
14	8.8	11 38 8.14	2.9221	.0325	49 50 35.6	19.951	.032	.3	1	49 6399
15	9.4	13 15 16.34	3.6330	.0557	52 24 57.7	18.571	+ .179	.3	1	52 5561
16	9.8	14 3 53.45	+3.8313	+0.0494	-47 47 48.6	-17.186	+0.295	.4	1	47 8908
17	9.2	9 32.84	3.8461	.0484	47 12 29.2	16.926	.307	.4	1	46 9164
18	9.3	15 2 14.55	4.2401	.0529	50 44 3.7	14.033	.447	.5	1	50 9081
19	9.5	13 36.03	4.1921	.0462	48 14 16.6	13.307	.463	.5	1	48 9801
20	9.2	14 33.17	4.3360	.0531	51 32 53.0	13.244	.480	.4	1	51 8961
21	9.5	15 27 48.48	+4.3605	+0.0490	-50 44 25.3	-12.352	+0.506	.5	1	50 9535
22	9.1	29 55.04	4.4069	.0503	51 31 51.8	12.207	.515	.4	2	51 9250
23	9.6	16 14 3.70	4.5521	.0388	51 2 23.4	8.939	.598	.4	2	50 10369
24	9.2	26 12.77	4.5925	.0352	51 6 15.6	7.975	.618	.6	1	50 10610
25	9.3	52 41.73	4.5763	.0250	49 36 26.7	5.802	.641	.5	1	49 11077
26	9.2	17 18 50.—	+4.6032	+0.0159	-49 19 48.3	- 3.581	+0.662	.5	1	49 11388
27	9.1	38 52.49	4.5305	.0083	47 36 22.3	1.845	.658	.5	1	47 11751
28	9.3	41 44.46	4.5518	.0075	47 59 21.7	1.595	.662	.4	1	47 11791
29	9.9	42 45.56	4.5646	.0071	48 13 32.1	1.506	.664	.6	1	48 12030
30	9.4	54 42.24	4.5451	.0030	47 46 38.8	0.463	.663	.5	1	47 11968
31	9.2	18 31 30.13	+4.7673	-0.0116	-52 0 6.6	+ 2.747	+0.687	.6	1	52 8730
32	10.0	20 17 43.30	4.4535	.0449	51 23 47.5	11.333	.531	.7	1	51 12501
33	9.2	21 8 51.10	4.2026	.0524	51 12 58.5	14.710	.410	.7	1	51 12861
34	9.5	22 6 20.92	3.7718	.0459	47 42 5.0	17.630	.254	.8	1	47 14078

# CATÁLOGO

Nº	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs.	Cord.
1	7.8	0 <sup>h</sup> 0 <sup>m</sup> 38.82	+3.0687	-0.0317	-48° 29' 14".2	+20".044	-0".010	.2	3	48° 14684
2	9.1	1 4.18	3.0662	.0304	47 25 50.5	20.044	.011	.1	4	47 14785
3	8.4	2 18.18	3.0560	.0353	51 37 19.5	20.043	.013	.0	5	51 13763
4	5.9	2 57.59	3.0528	.0324	49 26 11.2	20.042	.014	.8	3	49 14337
5	8.9	3 4.82	3.0531	.0306	47 54 29.2	20.042	.014	.8	3	48 1
6	9.0	0 3 17.83	+3.0517	-0.0306	-47 56 48.2	+20.042	-0.015	.8	3	48 2
7	8.9	4 24.94	3.0455	.0292	46 54 22.9	20.040	.017	.1	4	47 13
8	8.0	4 38.13	3.0389	.0347	51 37 10.3	20.040	.017	.2	3	51 12
9	9.5	4 56.59	3.0386	.0327	50 5 1.4	20.039	.018	.0	5	50 10
10	8.0	5 30.96	3.0380	.0296	47 25 18.6	20.038	.019	.8	4	47 16
11	7.7	0 5 50.04	+3.0310	-0.0337	-50 58 9.8	+20.037	-0.020	.8	3	51 22
12	8.6	5 50.50	3.0318	.0329	50 22 31.4	20.037	.020	.8	3	50 18
13	7.7	5 51.98	3.0314	.0330	50 31 42.8	20.037	.020	.1	4	50 20
14	9.3	6 18.20	3.0339	.0286	46 44 11.1	20.036	.021	.2	3	47 23
15	8.8	6 32.31	3.0272	.0325	50 13 28.4	20.036	.021	.0	5	50 21
16	8.1	0 6 37.41	+3.0259	-0.0330	-50 37 45.7	+20.035	-0.021	.8	4	50 22
17	8.4	6 52.65	3.0260	.0316	49 30 16.3	20.035	.022	.8	3	49 20
18	9.0	7 5 19	3.0263	.0304	48 30 18.9	20.034	.022	.8	3	48 15
19	9.0	8 15.56	3.0156	.0319	49 59 25.4	20.031	.024	.1	4	50 29
20	8.1	8 22.51	3.0148	.0318	50 0 59.8	20.030	.024	.1	4	50 30
21	8.9	0 8 36.48	+3.0163	-0.0301	-48 29 27.8	+20.030	-0.025	.0	5	48 21
22	8.6	9 2.53	3.0078	.0330	51 3 41.5	20.028	.026	.8	4	51 32
23	7.8	10 30.55	3.0024	.0303	49 2 43.1	20.023	.028	.8	3	49 35
24	8.0	10 31.76	3.0029	.0300	48 47 37.4	20.023	.028	.8	3	49 36
25	8.2	11 17.24	2.9940	.0315	50 13 31.8	20.020	.030	.1	4	50 41
26	8.9	0 11 20.40	+2.9990	-0.0293	-48 14 33.5	+20.019	-0.030	.1	4	48 27
27	8.7	11 23.71	3.0018	.0279	46 58 43.0	20.019	.030	.0	5	47 43
28	8.0	12 27.11	2.9962	.0274	46 36 1.8	20.014	.032	.8	4	46 51
29	8.7	12 41.68	2.9832	.0315	50 31 41.8	20.013	.033	.8	3	50 44
30	7.5	12 54.10	2.9868	.0296	48 55 1.4	20.012	.033	.8	3	49 44
31	8.3	0 13 52.69	+2.9885	-0.0274	-46 56 2.6	+20.009	-0.034	.1	4	47 55
32	8.8	13 37.54	2.9784	.0307	49 59 18.8	20.008	.034	.1	4	50 47
33	9.0	14 36.41	2.9770	.0288	48 25 25.4	20.003	.036	.0	5	48 40
34	7.6	15 8.59	2.9668	.0305	50 15 57.2	20.000	.037	.8	4	50 54
35	7.7	15 16.80	2.9779	.0271	46 53 35.6	19.999	.037	.8	3	47 63
36	7.4	0 16 7.71	+2.9727	-0.0268	-46 51 36.4	+19.994	-0.039	.8	3	47 68
37	7.6	16 23.18	2.9560	.0309	50 47 25.3	19.993	.039	.1	4	51 69
38	9.0	18 1.57	2.9561	.0277	48 4 33.1	19.982	.042	.1	4	48 57
39	9.0	18 3.90	2.9534	.0283	48 39 13.1	19.982	.042	.0	5	48 58
40	8.9	18 16.69	2.9490	.0289	49 21 23.7	19.980	.043	.8	4	49 66
41	7.2	0 19 10.68	+2.9333	-0.0308	-51 21 14.0	+19.974	-0.044	.8	3	51 83
42	8.8	19 31.55	2.9526	.0266	46 38 42.4	19.971	.045	.8	3	46 84
43	9.0	19 39.76	2.9387	.0288	49 32 42.8	19.970	.045	.1	4	49 74
44	8.2	19 54.57	2.9410	.0279	48 42 32.8	19.968	.046	.1	4	49 75
45	7.9	19 59.73	2.9297	.0301	50 54 32.5	19.968	.046	.0	5	51 88
46	8.4	0 20 33.63	+2.9317	-0.0286	-49 43 5.0	+19.963	-0.049	.8	4	50 70
47	7.6	21 32.12	2.9159	.0303	51 23 57.6	19.955	.048	.8	3	51 95
48	8.7	22 22.20	2.9129	.0296	50 52 41.5	19.948	.050	.8	3	51 99
49	7.8	22 29.83	2.9068	.0304	51 45 47.9	19.946	.050	.1	4	52 67
50*	8.4	22 33.87	2.9096	.0298	51 11 53.5	19.947	.050	.1	4	51 101

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
51	8.6	0 <sup>h</sup> 22 <sup>m</sup> 51. <sup>s</sup> 85	+2.9101	-0.0294	-50° 44' 30".6	+19.944	-0.050	.0	5	51° 104
52	8.7	23 35.05	2.9104	.0283	49 50 4.7	19.938	.052	.8	4	50 82
53	8.9	24 30.82	2.8962	.0293	51 6 25.7	19.929	.054	.8	3	51 103
54	6.0	25 34.75	2.8899	.0288	50 53 31.7	19.919	.055	.8	3	51 113
55	8.6	26 0.96	2.8863	.0288	50 58 7.9	19.915	.056	.1	4	51 116
56	8.7	0 26 30.50	+2.8809	-0.0289	-51 14 20.4	+19.910	-0.057	.1	4	51 119
57	8.9	26 43.21	2.8805	.0287	51 3 29.6	19.908	.057	.0	5	51 121
58	8.6	26 50.08	2.9054	.0249	47 2 30.0	19.907	.058	.8	4	47 127
59	8.7	27 11.95	2.8947	.0261	48 24 46.7	19.903	.058	.8	3	48 101
60	5.8	27 17.62	2.8931	.0262	48 34 20.7	19.902	.059	.8	3	48 102
61*	8.8	0 27 21.98	+2.8999	-0.0251	-47 23 40.1	+19.901	-0.059	.1	4	47 132
62	7.0	27 58.64	2.8858	.0264	48 59 58.8	19.895	.060	.1	4	49 114
63	8.8	27 59.45	2.8677	.0289	51 35 13.1	19.895	.059	.0	5	51 126
64	5.1	28 17.20	2.8827	.0265	49 9 45.8	19.891	.060	.8	4	49 115
65	7.8	30 4.65	2.8834	.0245	47 18 36.1	19.871	.063	.8	3	47 149
66	8.9	0 31 14.57	+2.8710	-0.0249	-48 2 45.6	+19.858	-0.065	.8	3	48 115
67	8.8	31 57.51	2.8571	.0258	49 17 37.7	19.849	.066	.1	4	49 134
68	8.7	32 6.49	2.8692	.0243	47 31 15.4	19.847	.067	.1	4	47 161
69	6.3	32 35.40	2.8600	.0249	48 21 25.8	19.841	.068	.0	5	48 121
70	9.0	32 42.50	2.8412	.0268	50 38 46.8	19.840	.067	.8	4	50 123
71	8.2	0 32 57.19	+2.8489	-0.0257	-49 29 0.7	+19.837	-0.068	.8	3	49 138
72	8.0	32 58.40	2.8607	.0244	47 55 58.8	19.837	.068	.8	3	48 124
73	6.8	33 30.91	2.8451	.0256	49 29 16.0	19.830	.069	.1	4	49 141
74	8.4	34 4.41	2.8560	.0239	47 37 18.3	19.823	.070	.1	4	47 158
75	8.4	34 59.51	2.8212	.0268	51 5 28.7	19.811	.070	.1-.0	4-5	51 154
76	9.0	0 35 40.74	+2.8273	-0.0254	-49 51 26.2	+19.801	-0.072	.8	4	50 144
77	8.5	36 57.29	2.8407	.0231	47 16 14.3	19.784	.075	.8	3	47 187
78	8.5	37 40.35	2.8129	.0250	49 56 47.8	19.774	.076	.8	3	50 161
79	8.7	37 46.11	2.8279	.0236	48 11 10.0	19.772	.076	.1	4	48 148
80	8.8	37 47.41	2.8363	.0228	47 10 41.8	19.772	.076	.1	4	47 193
81	8.3	0 39 27.38	+2.8111	-0.0238	-48 50 33.2	+19.747	-0.079	.8	4	49 171
82	8.2	39 33.37	2.8221	.0228	47 32 59.1	19.746	.079	.0	5	47 199
83	9.0	39 44.76	2.8288	.0220	46 38 24.2	19.743	.080	.8	3	46 187
84	7.9	40 18.48	2.8102	.0232	48 20 42.0	19.735	.080	.8	3	48 162
85	8.5	40 35.04	2.8093	.0230	48 14 29.5	19.730	.080	.1	4	48 164
86	8.5	0 40 35.82	+2.7787	-0.0254	-51 19 56.5	+19.730	-0.080	.1	4	51 186
87	7.6	41 13.19	2.7907	.0237	49 44 29.6	19.720	.081	.0	5	50 179
88	8.0	41 20.90	2.7866	.0243	50 3 44.3	19.718	.081	.8	4	50 181
89	7.7	42 18.99	2.7888	.0234	49 11 30.4	19.703	.083	.8	3	49 190
90	8.6	42 20.09	2.7701	.0247	50 58 55.9	19.703	.083	.8	3	51 191
91	7.8	0 42 41.15	+2.7918	-0.0229	-48 39 21.4	+19.697	-0.084	.1	4	48 175
92	6.2	42 42.90	2.7989	.0224	47 54 31.4	19.697	.084	.1	4	48 176
93	9.0	45 41.74	2.7845	.0214	47 28 10.7	19.647	.089	.1	4	47 228
94	8.0	45 50.98	2.7681	.0224	48 56 51.7	19.644	.088	.8	4	49 210
95	7.3	45 56.01	2.7872	.0211	47 3 8.0	19.643	.089	.8	3	47 229
96	8.4	0 46 14.19	+2.7780	-0.0215	-47 46 3.5	+19.637	-0.089	.8	3	48 190
97	9.0	46 18.12	2.7769	.0215	47 50 12.8	19.636	.090	.1	4	48 191
98	8.7	47 25.73	2.7802	.0206	46 50 5.2	19.616	.092	.1	4	47 238
99	8.7	47 35.02	2.7724	.0210	47 29 48.4	19.613	.092	.1	4	47 239
100	6.3	47 43.94	2.7276	.0237	51 20 28.8	19.611	.090	.8	4	51 209

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
101	8.8	0 <sup>h</sup> 48 <sup>m</sup> 39. <sup>s</sup> 27	+2.7706	-0.0205	-47° 2' 32".0	+19.594	-0.094	.8	3	47° 247
102	8.1	48 47.51	2.7304	.0228	50 30 19.6	19.591	.093	.8	3	50 221
103	8.5	49 50.36	2.7119	.0232	51 23 40.9	19.572	.093	.2	3	51 220
104	7.8	49 55.81	2.7187	.0228	50 48 52.2	19.570	.094	.1	4	51 221
105	9.0	50 14.80	2.7480	.0210	48 11 45.8	19.564	.095	.1	4	48 206
106	8.0	0 50 33.18	+2.7067	-0.0230	--51 24 21.6	+19.558	-0.095	.8	4	51 223
107	6.9	51 1.40	2.7318	.0214	49 8 38.3	19.549	.096	.8	3	49 245
108	7.7	51 26.57	2.7272	.0214	49 18 0.5	19.540	.097	.8	3	49 247
109	7.0	52 14.59	2.7405	.0202	47 45 17.8	19.525	.098	.1	4	48 216
110	8.0	53 55.38	2.7364	.0195	47 12 55.8	19.491	.101	.1	4	47 280
111	8.6	0 54 13.80	+2.7004	-0.0212	-49 56 55.6	+19.485	-0.100	.1	4	50 258
112	8.6	54 31.45	2.7095	.0206	49 5 39.1	19.479	.101	.8	3	49 262
113	8.7	54 37.54	2.7236	.0198	47 54 58.6	19.477	.102	.8	3	48 226
114	8.7	55 23.94	2.7060	.0203	48 55 27.0	19.461	.103	.8	3	49 268
115	7.6	55 51.19	2.6659	.0218	51 36 58.2	19.451	.102	.1	4	51 237
116	8.9	0 55 57.00	+2.7282	-0.0189	-46 52 3.5	+19.449	-0.104	.1	4	47 289
117	8.6	56 3.80	2.7116	.0197	48 9 16.6	19.447	.104	.1	4	48 235
118	9.0	56 32.40	2.7235	.0189	46 57 50.6	19.437	.105	.8	3	47 294
119	7.7	56 57.76	2.6798	.0206	50 6 3.6	19.428	.104	.8	3	50 270
120	7.8	57 17.73	2.6666	.0210	50 52 29.4	19.421	.104	.8	3	51 241
121	8.3	0 58 4.90	+2.7176	-0.0184	-46 41 34.6	+19.403	-0.108	.1	4	47 304
122	8.5	58 46.83	2.7150	.0182	46 33 54.1	19.388	.109	.1	4	46 289
123	8.2	59 11.18	2.6662	.0200	50 0 17.6	19.379	.108	.1	4	50 282
124	8.9	59 35.86	2.6839	.0191	48 33 3.8	19.370	.109	.8	3	48 251
125	8.1	59 49.37	2.6949	.0186	47 38 3.8	19.365	.110	.8	3	47 312
126	5.3	0 59 53.61	+2.7060	-0.0181	-46 44 47.5	+19.363	-0.110	.8	3	47 313
127	8.8	1 0 32.40	2.6301	.0207	51 46 12.3	19.349	.108	.1	4	52 210
128	6.5	1 29.96	2.6755	.0186	48 17 20.6	19.326	.112	.1	4	48 259
129	9.1	2 29.72	2.6289	.0198	50 58 42.3	19.303	.111	1-2	4-5	51 267
130	4.0	3 11.24	2.6820	.0176	47 3 57.9	19.287	.115	.8	4	47 324
131	8.3	1 3 29.99	+2.6679	-0.0180	-47 56 33.0	+19.279	-0.115	.8	3	48 272
132	8.7	3 54.59	2.6133	.0197	51 20 13.6	19.269	.113	.8	3	51 273
133	9.0	4 23.81	2.6252	.0191	50 23 30.8	19.258	.114	.1	4	50 306
134	9.0	5 8.38	2.6582	.0177	47 54 12.7	19.240	.117	.1	4	48 279
135	7.0	5 40.55	2.6677	.0171	47 0 54.0	19.226	.118	.1	4	47 333
136	8.8	1 6 18.77	+2.5991	-0.0190	-51 10 57.1	+19.210	-0.116	.8	3	51 289
137	9.0	6 20.00	2.6571	.0172	47 28 37.0	19.210	.119	.8	3	47 334
138	8.9	6 24.09	2.6450	.0175	48 16 8.2	19.208	.118	.8	3	48 286
139	8.7	6 40.73	2.6675	.0167	46 36 42.5	19.201	.120	.1	4	46 322
140	9.0	6 56.91	2.6350	.0177	48 42 4.1	19.195	.119	.1	4	49 330
141	8.9	1 7 43.10	+2.6083	-0.0181	-50 3 35.4	+19.175	-0.119	.1	4	50 322
142	9.2	7 51.07	2.6088	.0181	49 58 17.8	19.172	.119	.8	3	50 323
143	9.0	8 16.84	2.6388	.0170	47 54 27.9	19.161	.121	.8	3	48 293
144	9.2	9 4.89	2.5842	.0182	50 56 5.9	19.140	.120	.8	3	51 304
145	9.0	9 6.40	2.6508	.0163	46 46 21.5	19.139	.123	.1	4	47 350
146	8.0	1 9 31.37	+2.6036	-0.0175	-49 37 19.1	+19.128	-0.122	.1	4	49 338
147	9.0	9 41.73	2.5924	.0177	50 13 8.9	19.124	.122	.2	5	50 328
148	8.7	9 50.63	2.5932	.0177	50 6 47.1	19.120	.122	.8	3	50 329
149	9.0	10 3.96	2.6072	.0172	49 11 15.6	19.114	.122	.8	2	49 342
150*	8.0	10 55.62	2.5704	.0178	51 0 10.0	19.091	.122	.8	3	51 311

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
151*	8.3	1 <sup>h</sup> 11 <sup>m</sup> 0 <sup>s</sup> .90	+2.56099	-0.0178	-50°59'52".8	+19.089	-0.122	.1	4	51°31'2
152	9.1	11 5.00	2.6389	.0159	46 47 6.3	19.087	.125	.1	4	47 360
153	7.8	11 33.99	2.5704	.0175	50 45 36.5	19.074	.123	.1	4	51 313
154	8.9	13 17.42	2.6197	.0156	47 10 42.2	19.028	.128	.8	3	47 371
155	8.4	14 56.80	2.5357	.0168	51 22 36.8	18.981	.128	.8	3	51 325
156	8.0	1 15 3.05	+2.5582	-0.0165	-50 8 16.0	+18.979	-0.128	.8	3	50 349
157	8.8	15 13.19	2.5784	.0160	48 56 58.9	18.974	.129	.1	4	49 369
158	8.3	16 19.20	2.6051	.0150	46 58 13.2	18.943	.132	.2	3	47 385
159	9.0	16 20.77	2.5792	.0156	48 29 51.6	18.942	.131	.1	4	48 337
160	8.6	16 43.73	2.5743	.0155	48 38 10.6	18.931	.131	.8	3	48 338
161	7.4	1 16 45.79	+2.5914	-0.0151	-47 37 59.8	+18.930	-0.132	.8	3	47 389
162	7.8	17 33.05	2.5624	.0155	49 1 4.6	18.907	.132	.8	3	49 377
163	7.7	17 49.10	2.5444	.0158	49 54 16.8	18.899	.132	.0	5	50 363
164*	9.1	17 56.02	2.5785	.0150	47 58 21.3	18.896	.133	.1	4	48 342
165	8.9	18 22.88	2.5775	.0149	47 52 11.5	18.883	.134	.1	4	48 347
166	8.4	1 18 24.64	+2.5391	-0.0157	-49 58 53.2	+18.882	-0.132	.8	3	50 367
167	6.5	18 33.59	2.5362	.0157	50 4 56.8	18.878	.132	.1	4	50 368
168	6.9	18 41.39	2.5120	.0160	51 16 37.1	18.874	.129	.8	3	51 337
169	8.8	19 3.48	2.5400	.0154	49 42 36.7	18.863	.133	.1	4	50 370
170	8.0	19 22.04	2.5940	.0142	46 33 40.5	18.854	.136	.8	3	46 383
171	8.7	1 19 35.85	+2.5743	-0.0146	-47 38 0.4	+18.847	-0.136	.0	5	47 402
172	8.4	19 40.71	2.5665	.0147	48 2 50.6	18.844	.135	.8	4	48 353
173	9.2	20 53.90	2.5385	.0149	49 9 44.1	18.808	.136	.8	4	49 390
174	7.9	22 18.22	2.4835	.0152	51 27 26.0	18.765	.135	.8	3	51 352
175	8.7	22 40.13	2.4777	.0152	51 36 50.1	18.754	.135	.0	5	51 355
176	9.0	1 22 44.63	+2.5567	-0.0139	-47 33 54.2	+18.751	-0.140	.1	4	47 422
177	8.2	23 11.21	2.5417	.0143	48 14 2.5	18.738	.140	.1	4	48 367
178	8.9	23 32.28	2.5218	.0143	49 9 49.8	18.727	.139	.8	3	49 397
179	8.7	24 9.63	2.5093	.0143	49 35 56.2	18.707	.139	.8	3	49 401
180	7.8	24 53.81	2.5196	.0139	48 50 25.2	18.684	.141	.8	3	49 407
181	6.9	1 25 36.10	+2.5053	-0.0139	-49 20 32.1	+18.662	-0.141	.1	4-5	49 410
182	8.9	25 58.70	2.5074	.0138	49 7 11.8	18.650	.142	.1	4	49 412
183	9.0	26 38.66	2.5199	.0134	48 16 31.2	18.628	.144	.1	4	48 381
184	7.0	26 45.57	2.5417	.0130	47 5 32.1	18.624	.145	.8	3	47 440
185	7.8	26 49.46	2.4442	.0143	51 49 57.2	18.622	.140	.8	3	52 296
186*	9.0	1 26 56.89	+2.5008	-0.0136	-49 8 31.5	+18.618	-0.143	.8	3	49 419
187*	9.0	27 6.87	2.5001	.0135	49 7 30.6	18.613	.144	1-0	4-5	49 421
188	8.7	27 12.79	2.5083	.0134	48 41 16.6	18.610	.144	.1	4	48 385
189	9.1	28 18.43	2.5230	.0129	47 35 55.7	18.574	.146	.1	4	47 450
190	7.4	28 22.28	2.4400	.0138	51 32 56.7	18.572	.142	.8	3	51 373
191	8.9	1 28 24.21	+2.5390	-0.0126	-46 43 35.0	+18.571	-0.147	.8	3	47 451
192	4.0	28 32.92	2.4853	.0132	49 24 35.4	18.566	.144	.8	3	49 425
193	8.0	28 36.51	2.4674	.0135	50 14 13.4	18.564	.144	.0	5	50 407
194	8.0	29 17.62	2.4484	.0135	50 54 8.3	18.541	.143	.1	4	51 377
195	8.0	29 51.73	2.4674	.0131	49 51 39.9	18.522	.145	.1	4	50 410
196*	8.6	1 29 51.89	+2.4860	-0.0131	-48 58 42.2	+18.522	-0.145	.8	3	49 429
197	6.6	29 56.69	2.4626	.0132	50 3 34.9	18.520	.145	.8	3	50 411
198*	8.4	29 57.42	2.4861	.0129	48 56 42.0	18.519	.146	.8	3	49 430
199	8.0	30 25.89	2.4509	.0131	50 27 11.6	18.503	.145	.0	5	50 412
200	8.0	30 33.54	2.5088	.0124	47 38 35.0	18.498	.149	.1	4	47 463

151 p 4° \* 80 0'4 S.      164 \* doble p.      186 s 10° \* 9.0 1' N.      187 p 10° \* 9.0 1' S.      196 s 2° \* 8.6 2' N.  
198 p 6° \* 8.9 2' S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
201	9.0	1 <sup>h</sup> 30 <sup>m</sup> 50 <sup>s</sup> .42	+2.4934	-0.0126	-48°19'42".0	+18.490	-0.148	.1	4	48°405
202	8.0	31 3.89	2.4404	.0131	50 44 4.9	18.482	.145	.8	3	51 387
203	8.9	31 54.78	2.4183	.0130	51 27 10.5	18.453	.145	.8	3	51 389
204	7.8	32 7.40	2.4469	.0127	50 8 12.1	18.446	.147	.8	3	50 424
205	6.8	34 8.92	2.4562	.0121	49 8 7.2	18.376	.151	.0	5	49 447
206	7.7	1 34 27.76	+2.4654	-0.0119	-48 37 12.7	+18.366	-0.152	.1	4	48 426
207	8.8	34 46.15	2.3914	.0124	51 46 16.5	18.354	.148	.1	4	52 325
208	7.8	34 50.60	2.4878	.0116	47 26 32.6	18.352	.154	.8	3	47 489
209	7.6	35 4.73	2.4850	.0115	47 30 31.4	18.343	.154	.8	3	47 490
210	7.5	35 35.92	2.4661	.0116	48 15 54.6	18.325	.153	.8	3	48 430
211	8.6	1 36 27.62	+2.4721	-0.0114	-47 44 37.3	+18.294	-0.156	.0	5	48 436
212	7.7	36 29.33	2.4424	.0117	49 6 19.7	18.293	.153	.0	5	49 464
213	7.4	37 28.07	2.4368	.0114	49 5 24.2	18.258	.154	.1	4	49 469
214	7.0	39 5.69	2.3970	.0112	50 21 58.4	18.199	.154	.8	3	50 461
215	8.1	41 12.45	2.3686	.0108	50 58 3.6	18.121	.155	.8	3	51 414
216	8.6	1 41 40.36	+2.3791	-0.0108	-50 25 30.8	+18.103	-0.156	.8	3	50 476
217	7.5	42 5.74	2.3531	.0107	51 20 47.5	18.087	.155	.0	5	51 417
218	8.7	42 10.80	2.3907	.0105	49 48 58.4	18.084	.158	.2	5	50 478
219	6.0	43 33.14	2.3489	.0104	51 8 26.7	18.032	.157	.1	4	51 419
220	9.0	43 34.90	2.4412	.0099	47 16 16.9	18.031	.163	.8	3	47 538
221	8.0	1 44 14.44	+2.3741	-0.0101	-49 58 14.8	+18.006	-0.160	.8	3	50 487
222	8.9	44 44.89	2.4053	.0099	48 32 55.1	17.986	.162	.0	5	48 471
223	6.8	44 58.57	2.4486	.0095	46 34 51.2	17.977	.165	.2	5	46 512
224	9.0	45 10.69	2.3995	.0098	48 41 16.2	17.970	.162	.1	4	48 474
225	8.6	46 3.33	2.4306	.0094	47 7 10.5	17.935	.166	.8	3	47 547
226	7.8	1 46 19.84	+2.3396	-0.0097	-50 48 23.3	+17.925	-0.160	.8	3	51 434
227	8.3	46 40.40	2.4340	.0092	46 48 44.3	17.911	.167	.8	3-4	47 551
228	8.0	46 57.74	2.4261	.0092	47 5 33.7	17.900	.167	.0	5	47 552
229	6.0	47 43.73	2.3975	.0092	48 8 20.7	17.870	.166	.2	5	48 487
230	6.5	48 23.14	2.3339	.0093	50 31 38.8	17.844	.163	.1	4	50 514
231	8.5	1 48 25.24	+2.3215	-0.0093	-50 59 7.3	+17.842	-0.162	.8	3	51 444
232*	9.0	48 45.94	2.3376	.0092	50 17 40.7	17.828	.163	.8	3	50 516
233	7.8	49 17.23	2.3338	.0091	50 18 54.2	17.808	.164	.8	3	50 522
234	8.2	49 25.03	2.4154	.0088	46 57 41.1	17.802	.169	.0	5	47 567
235	8.9	49 39.40	2.3937	.0092	47 49 56.6	17.793	.168	.2	5	48 497
236	8.8	1 49 47.06	+2.3660	-0.0089	-48 56 28.3	+17.787	-0.167	.1	4	49 520
237	9.0	49 53.20	2.3422	.0090	49 51 13.2	17.784	.165	.8	3	50 524
238	8.8	49 55.26	2.3422	.0090	49 50 35.1	17.783	.165	.8	3	50 526
239	4.5	51 2.53	2.4144	.0085	46 37 13.2	17.738	.172	.8	3	46 552
240	8.8	52 4.34	2.2995	.0086	50 56 23.7	17.695	.165	.1	4	51 462
241	8.9	1 53 19.01	+2.3651	-0.0082	-48 8 44.4	+17.644	-0.172	.1	4	48 510
242	7.5	53 39.16	2.3111	.0082	50 9 14.9	17.630	.168	.1	4	50 545
243	8.7	54 10.96	2.3194	.0081	49 43 21.6	17.608	.170	.8	3	50 547
244	7.7	54 26.25	2.3222	.0081	49 33 46.7	17.527	.170	.8	3	49 539
245	5.5	54 35.54	2.3689	.0080	47 42 7.2	17.591	.173	.8	3	47 597
246	9.1	1 56 18.01	+2.3788	-0.0076	-46 54 33.0	+17.519	-0.176	.1	4	47 603
247	8.9	56 44.49	2.2836	.0076	50 27 37.4	17.500	.170	.1	4	50 559
248	8.2	57 2.50	2.3828	.0075	46 34 39.8	17.487	.177	.1	4	46 588
249	8.3	57 8.71	2.3229	.0076	48 55 42.5	17.483	.173	.8	3	49 555
250	8.7	57 22.11	2.2678	.0074	50 52 52.9	17.473	.170	.8	3	51 488

232 s 32<sup>s</sup> \* 8.0 1' S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	No Obs.	Cord.
251	5.8	1 <sup>h</sup> 59 <sup>m</sup> 27.54	+2.2675	-0.0071	-50°26'27.1	+17.383	-0.172	.8	3	50°57.2
252	7.3	59 46.89	2.2859	.0071	49 43 17.1	17.369	.174	.1	4	50 57.4
353	8.1	59 49.56	2.2547	.0070	50 48 20.1	17.367	.171	.1	4	51 50.0
254	8.7	59 51.01	2.2994	.0071	49 12 58.5	17.366	.175	.1	4	49 56.7
255	8.8	2 0 35.22	2.2788	.0069	49 48 12.5	17.333	.174	.2	4	50 57.8
256	8.9	2 0 39.07	+2.2977	-0.0070	-49 6 22.9	+17.330	-0.176	.2	4	49 56.9
257	9.0	1 32.39	2.3561	.0068	46 41 14.6	17.291	.179	.1	4	46 60.7
258	8.8	2 16.66	2.2864	.0066	49 10 25.3	17.259	.177	.1	4	49 57.5
259	8.8	2 18.56	2.2401	.0065	50 46 48.1	17.257	.173	.1	5	51 51.0
260	7.8	2 40.07	2.2610	.0065	49 59 33.5	17.241	.175	.1	4	50 59.2
261	9.0	2 2 55.08	+2.3332	-0.0065	-47 17 38.1	+17.230	-0.181	.2	4	47 62.6
262	8.6	3 0.40	2.2925	.0065	48 48 2.5	17.226	.178	.2	4	49 57.7
263	9.1	3 15.47	2.3236	.0065	47 35 30.3	17.215	.181	.2	3	47 62.9
264	9.0	4 9.57	2.3363	.0063	46 54 58.8	17.174	.183	.1	5	47 63.3
265*	9.0	4 11.28	2.3046	.0063	48 6 42.3	17.173	.180	.1	4	48 55.6
266	9.0	2 4 24.57	+2.2970	-0.0063	-48 20 45.8	+17.163	-0.180	.1	4	48 55.7
267	8.1	4 35.42	2.2210	.0060	50 56 54.9	17.155	.174	.2	4	51 52.0
268*	9.0	4 40.40	2.3020	.0062	48 6 22.0	17.151	.181	.1	5	48 55.9
269	8.9	5 31.63	2.2605	.0060	49 25 20.8	17.112	.179	.1	4	49 59.0
270*	8.9	5 51.40	2.3333	.0060	46 40 49.3	17.097	.185	.1	6	46 62.4
271	8.9	2 6 28.94	+2.3302	-0.0059	-46 40 35.1	+17.069	-0.185	.1	5	46 62.8
272	7.8	7 10.60	2.2658	.0058	48 54 21.0	17.037	.181	.1	4	49 59.8
273	8.9	7 47.64	2.3214	.0058	46 44 49.9	17.031	.186	.2	4	47 65.6
274	8.0	7 48.57	2.1953	.0056	51 8 31.4	17.007	.177	.2	4	51 53.2
275	8.0	8 5.29	2.2749	.0057	48 24 0.4	16.995	.183	.1	4	48 57.5
276	8.9	2 8 8.21	+2.2520	-0.0056	-49 11 43.8	+16.992	-0.181	.1	5	49 60.2
277	8.8	8 11.36	2.3039	.0057	47 19 35.3	16.990	.185	.1	4	47 65.9
278	7.5	8 46.00	2.3125	.0056	46 53 24.6	16.963	.187	.1	4	47 66.3
279	9.0	8 55.14	2.2844	.0055	47 53 47.8	16.956	.186	.2	4	48 58.1
280	9.0	9 3.58	2.2337	.0054	49 38 12.3	16.949	.181	.2	4	49 60.4
281	6.7	2 9 25.38	+2.2933	-0.0055	-47 28 26.8	+16.932	-0.186	.1	4	47 66.4
282	8.6	9 51.41	2.3006	.0054	47 7 9.3	16.912	.187	.1	5	47 66.7
283	9.1	11 10.02	2.2486	.0051	48 43 13.6	16.850	.185	.1	4	49 61.7
284	8.0	11 14.34	2.2665	.0052	48 5 0.7	16.847	.186	.1	4	48 58.9
285	8.9	11 39.37	2.2754	.0051	47 41 13.7	16.827	.187	.2	4	47 67.9
286	9.0	2 12 49.11	+2.1436	-0.0043	-51 47 4.8	+16.772	-0.178	.2	4	52 45.9
287	9.0	12 53.34	2.2680	.0049	47 42 55.7	16.768	.188	.1	4	47 68.3
288	8.3	13 4.58	2.1617	.0044	51 11 16.4	16.759	.180	.1	5	51 55.2
289	8.8	13 40.06	2.1619	.0043	51 4 17.4	16.731	.181	.1	4	51 55.5
290	4.5	14 11.28	2.1342	.0041	51 48 44.5	16.706	.179	.2	4	52 46.6
291*	9.2	2 14 12.60	+2.1968	-0.0045	-49 52 19.6	+16.705	-0.184	.1	4	50 65.1
292	8.5	15 18.50	2.1959	.0043	49 41 49.2	16.651	.185	.2	4	49 63.3
293	9.0	15 22.54	2.1688	.0041	50 32 41.3	16.648	.183	.1	4	50 66.1
294	8.8	15 41.77	2.1481	.0040	51 7 10.2	16.632	.182	.1	5	51 56.1
295	8.6	17 4.80	2.2352	.0042	48 4 16.9	16.565	.190	.1	4	48 60.7
296	8.3	2 17 14.54	+2.1403	-0.0037	-51 4 32.6	+16.557	-0.183	.2-1	3-4	51 56.2
297*	7.9	17 55.64	2.2554	.0042	47 13 24.5	16.523	.193	.2	4	47 70.4
298	7.5	17 55.81	2.1520	.0037	50 35 59.4	16.523	.184	.3	3	50 67.5
299	8.0	19 10.19	2.2079	.0038	48 36 29.9	16.461	.191	.1	4	48 61.5
300	9.0	19 32.02	2.2170	.0038	48 14 32.1	16.443	.192	.1	5	48 61.7

265 s 29\* 8.9 0.2 N    268 p 29\* 9.0 0.2 S    270 s 38\* =  $\delta$     291 p 1\* 9.2 1' S    297\* =  $\alpha$  10.0 2' N.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
301	7.5	2 <sup>h</sup> 19 <sup>m</sup> 36 <sup>s</sup> .20	+2.1677	-0.0036	-49° 49' 07.7	+16.439	-0.188	.1	4	50° 681
302	8.7	19 41.60	2.2398	.0039	47 26 38.8	16.435	.194	.2-.1	3-4	47 716
303	9.0	19 50 26	2.2587	.0039	46 45 47.0	16.428	.196	.2	4	47 718
304	6.0	20 37.40	2.1096	.0030	51 23 17.4	16.388	.184	.2	4	51 571
305	9.0	20 47.51	2.2343	.0037	47 26 8.2	16.380	.195	.1	4	47 727
306	8.1	2 20 49.58	+2.2002	-0.0036	-48 34 0.8	+16.378	-0.192	.1	5	48 625
307	8.5	21 19 04	2.2366	.0037	47 15 50.3	16.353	.195	.1	4	47 731
308	7.8	21 36 56	2.2058	.0035	48 12 41.5	16.338	.193	.2-.1	3-4	48 630
309	9.0	23 4 00	2.1571	.0031	49 32 42.8	16.264	.191	.2	4	49 673
310	8.6	23 5 76	2.1812	.0032	48 47 0.3	16.263	.193	.2	4	49 674
311	8.9	2 23 30.87	+2.2315	-0.0033	-47 42 57.7	+16.241	-0.196	.1	4	47 740
312	5.0	24 36.18	2.1977	.0031	47 59 41.0	16.185	.196	.1	5	48 637
313	8.9	25 17.35	2.1236	.0026	50 10 52.9	16.150	.190	.1	4	50 718
314	7.3	25 53.42	2.1062	.0023	50 35 35.5	16.119	.189	.2-.1	3-4	50 722
315	9.0	27 0.20	2.1134	.0023	50 11 54.7	16.060	.191	.2	4	50 731
316	8.8	2 27 38.05	+2.0813	-0.0020	-51 1 15.9	+16.027	-0.189	.2	4	51 596
317	8.7	27 39.72	2.1464	.0024	49 6 5.5	16.026	.195	.1	4	49 694
318	9.0	27 57.10	2.1075	.0021	50 12 57.8	16.011	.192	.1	5	50 736
319	7.8	28 9.57	2.0551	.0016	51 39 52.0	16.000	.187	.1	4	51 597
320	8.5	28 15.95	2.1716	.0025	48 13 8.2	15.994	.198	.2	3	48 657
321	8.8	2 28 37.80	+2.1851	-0.0026	-47 43 44.7	+15.975	-0.199	.2	4	47 764
322	9.0	29 20.19	2.1525	.0023	48 38 18.9	15.937	.197	.2	4	48 668
323	8.9	30 41.71	2.0972	.0018	50 4 18.8	15.865	.194	.1	4	50 748
324	8.3	31 22.24	2.1407	.0020	48 40 27.7	15.829	.198	.2-.1	4-5	48 681
325	8.9	31 32.68	2.1887	.0023	47 8 21.7	15.820	.202	.1	4	47 782
326	6.0	2 31 41.72	+2.0450	-0.0012	-51 22 39.5	+15.812	-0.190	.1	4	51 611
327	9.0	31 43.26	2.1249	.0018	49 5 38.8	15.810	.196	.2	4	49 709
328	7.5	33 18.38	2.0447	.0010	51 8 9.0	15.724	.191	.2	4	51 616
329	9.0	33 22.08	2.0988	.0015	49 36 18.2	15.721	.196	.1	5	49 717
330	8.9	33 22.11	2.0904	.0014	49 50 51.0	15.721	.196	.1	4	50 760
331	8.5	2 33 39.91	+2.1277	-0.0016	-48 42 20.0	+15.705	-0.199	.1	4	48 700
332	7.6	35 5 44	2.1779	.0018	46 55 38.5	15.627	.206	.1	4	47 804
333	8.8	35 11 86	2.1537	.0017	47 40 22.7	15.621	.203	.2	4	47 806
334*	8.3	37 9.54	2.0848	.0010	49 25 38.6	15.513	.199	.2	4	49 731
335	9.1	37 21.89	2.0532	.0007	50 17 10.5	15.502	.196	.1	4	50 777
336	8.8	2 38 54.92	+1.9908	0.0000	-51 43 13.2	+15.416	-0.192	.1	5	51 634
337	7.5	39 22.12	2.1418	-.0012	47 24 20.9	15.390	.206	.1	4	47 829
338	6.5	39 48.02	2.1593	.0012	46 47 56.1	15.566	.209	.1	4	47 832
339	6.8	40 20.60	2.0074	.0000	51 4 48.0	15.335	.195	.2	4	51 641
340	8.0	40 28.40	2.0467	.0004	50 0 16.8	15.328	.199	.2	4	50 800
341	8.6	2 41 6.57	+2.0550	-0.0004	-49 40 51.8	+15.222	-0.200	.1	4	49 749
342	7.5	42 41 78	2.0731	.0004	48 56 35.3	15.202	.203	.1	5	49 754
343	8.1	43 8 09	2.1425	.0008	46 49 50.2	15.177	.210	.1	4	47 849
344	8.0	43 19 99	2.0167	+.0002	50 24 13.2	15.166	.199	.1	4	50 809
345	8.6	45 36 06	2.0852	-.0002	48 11 2.6	15.035	.207	.2	3	48 757
346	8.5	2 45 44.36	+2.0773	-0.0001	-48 23 28.4	+15.027	-0.207	.2	4	48 761
347	9.0	46 18.24	1.9657	+.0010	51 18 38.8	14.995	.196	.1	4	51 664
348	8.9	46 24.79	1.9440	+.0013	51 50 15.6	14.988	.194	.1	5	52 574
349	7.7	46 33.48	2.1336	-.0005	46 36 59.2	14.980	.213	.1	4	46 817
350	7.8	48 30.54	2.0368	+.0004	49 8 23.6	14.866	.206	.1	4	49 779

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
351	9.0	2 <sup>h</sup> 49 <sup>m</sup> 28.78	+2.0913	+0.0001	-47° 28' 9.2	+14.7809	-0.212	.2	4	47° 882
352	8.0	49 48.32	1.9929	.0010	50 8 7.5	14.790	.202	.2	4	50 848
353	8.0	49 52.34	1.9794	.0011	50 28 40.9	14.786	.201	.1	4	50 849
354	8.5	50 38.45	2.0524	.0005	48 25 4.8	14.740	.209	.1	5	48 783
355	8.3	51 35.80	1.9183	.0020	51 46 18.2	14.683	.197	.1	4	52 584
356	8.8	2 51 48.57	+2.0021	+0.0010	-49 37' 37.1	+14.671	-0.205	.1	4	49 790
357	8.8	51 51.34	2.0258	.0008	48 59 16.2	14.668	.208	.2	4	49 791
358*	7.0	52 0.18	1.9421	.0017	51 8 6.3	14.659	.199	.2	4	51 683
359*	8.2	52 3.24	1.9429	.0017	51 6 35.6	14.656	.199	.1	4	51 684
360	7.7	53 17.58	2.0110	.0010	49 11 43.3	14.582	.207	.1	5	49 798
361	8.5	2 53 22.37	+1.9190	+0.0020	-51 31 22.3	+14.577	-0.198	.1	4	51 686
362	9.3	54 6.22	1.9464	.0018	50 45 17.3	14.533	.202	.1	4	50 868
363*	9.0	54 10.78	1.9574	.0017	50 28 10.9	14.528	.203	.2	4	50 870
364	8.6	54 14.23	1.9915	.0013	49 35 19.6	14.525	.206	.2	4	49 864
365	8.6	54 32.21	2.0847	.0005	46 59 6.1	14.507	.216	.1	4	47 905
366	9.0	2 55 19.31	+1.9786	+0.0015	-49 47 2.1	+14.460	-0.206	.1	5	50 877
367	8.8	55 33.72	2.0858	.0006	46 49 6.8	14.445	.216	.1	4	47 910
368	8.0	55 42.74	1.9519	.0018	50 24 45.5	14.436	.203	.1	4	50 882
369	8.8	56 50.52	1.9738	.0016	49 42 42.8	14.367	.207	.2	4	49 820
370	8.0	57 54.60	2.0450	.0011	47 40 28.0	14.302	.215	.2	4	47 922
371	9.0	2 59 35.44	+1.9838	+0.0017	-49 6 34.1	+14.199	-0.210	.1	5	49 836
372	7.9	59 41.09	2.0318	.0013	47 48 51.0	14.195	.215	.1	4	48 829
373	8.5	3 0 36.15	1.9392	.0022	50 7 9.6	14.136	.206	.1	4	50 899
374	9.5	0 41.96	1.9457	.0022	49 56 41.4	14.130	.207	.2-1	3-4	50 900
375	6.5	0 42.46	2.0484	.0012	47 13 44.4	14.129	.216	.2	4	47 932
376	9.0	3 1 13.77	+1.9820	+0.0018	-48 57 10.9	+14.097	-0.211	.2	4	49 847
377	8.6	1 48.00	1.8688	.0032	51 39 49.5	14.061	.200	.1	4	51 699
378	7.8	1 57.55	2.0106	.0016	48 6 33.8	14.052	.215	.1	5	48 839
379*	7.7	2 30.91	1.8689	.0032	51 34 31.7	14.017	.201	.1	4	51 704
380*	8.0	2 34.76	1.8687	.0032	51 34 18.4	14.013	.201	.1	4	51 706
381*	8.5	3 3 58.21	+1.9656	+0.0022	-49 2 42.1	+13.926	-0.212	.2	4	49 859
382	9.1	3 59.73	1.9230	.0026	50 6 38.7	13.924	.208	.2	3-4	50 917
383	9.0	4 29.76	1.8925	.0030	50 47 16.0	13.892	.205	.1	4	51 718
384	8.1	5 19.55	1.8487	.0036	51 42 30.3	13.840	.201	.1	5	51 720
385	8.0	5 23.20	2.0258	.0017	47 17 8.8	13.836	.219	.1	4	47 966
386	8.5	3 6 7.62	+1.8890	+0.0031	-50 40 42.6	+13.789	-0.206	.1	4	50 928
387	8.7	6 30.67	1.9842	.0021	48 15 47.9	13.765	.216	.2	4	48 856
388	8.5	7 15.50	1.9438	.0026	49 12 33.4	13.717	.212	.2	4	49 875
389	8.9	7 16.34	1.9416	.0026	49 15 52.2	13.716	.212	.1	4	49 877
390	7.9	8 2.14	1.8626	.0035	51 4 42.9	13.688	.204	.1	5	51 737
391	6.1	3 8 20.40	+1.9480	+0.0026	-48 58 43.7	+13.648	-0.214	.1	4	49 884
392	9.0	8 27.73	1.9307	.0028	49 23 57.1	13.640	.212	.1	4	49 885
393	8.9	8 41.88	1.8631	.0036	50 59 28.5	13.625	.205	.2	4	51 738
394	8.9	8 45.07	1.9619	.0024	48 34 44.7	13.622	.216	.2	4	48 865
395	8.0	8 55.00	1.8924	.0032	50 16 41.9	13.611	.208	.1	4	50 940
396	9.0	3 9 37.02	+1.8790	+0.0034	-50 30 56.1	+13.566	-0.207	.1	5	50 946
397	8.0	10 15.57	2.0253	.0020	46 43 56.2	13.525	.224	.1	4	46 949
398	7.5	10 44.99	1.9985	.0022	47 23 50.4	13.493	.221	.1	4	47 990
399	8.6	11 1.06	1.9733	.0024	48 1 37.4	13.476	.219	.2	4	48 873
400	8.2	11 8.70	1.9113	.0031	49 34 17.0	13.467	.212	.2	4	49 895

358 s 3° \* 8.0 1'6 N. 359 p 3° \* 7.0 1'6 S. 363 p 4° \* 9.3 1' N. 379 s 4° \* 8.8 0'12 N. 380 p 4° \* 7.6 0'13 S.  
381 =  $\alpha$  2' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
401	8.1	3 <sup>h</sup> 11 <sup>m</sup> 11 <sup>s</sup> .47	+1.8355	+0.0040	—51° 20' 37.2	+13.464	—0.204	.1	4	51° 7' 43
402	8.6	11 24.87	1.9942	.0023	47 26 8.8	13.450	.221	.1	5	47 994
403	8.2	11 52.09	1.8837	.0034	50 9 11.2	13.420	.210	.1	4	50 961
404	7.3	12 51.57	1.8517	.0038	50 47 32.0	13.356	.207	.1	4	51 749
405	8.9	14 24.30	1.9778	.0026	47 31 59.9	13.255	.222	.2	4	47 1003
406	9.0	3 15 0.49	+1.8371	+0.0041	—50 53 27.7	+13.215	—0.207	.2	4	51 757
407	9.0	15 15.42	1.8657	.0038	50 12 22.3	13.199	.210	.1	4	50 981
408	6.3	15 19.43	1.9563	.0028	47 59 20.5	13.195	.220	.1	5	48 900
409	8.7	15 45.74	1.8924	.0035	49 31 20.1	13.166	.214	.1	4	49 912
410	9.0	16 20.05	1.9018	.0034	49 13 56.4	13.128	.215	.2	3	49 914
411	8.6	3 16 37.58	+1.8017	+0.0046	—51 31 55.9	+13.108	—0.204	.2	4	51 764
412*	8.8	17 18.35	1.9044	.0034	49 3 56.6	13.063	.216	.2	4	49 916
413	9.0	17 19.53	1.8164	.0044	51 6 37.4	13.062	.206	.1	4	51 768
414	8.6	18 20.60	1.9374	.0031	48 8 31.6	12.994	.220	.2	4	48 923
415	6.9	19 27.21	1.9381	.0032	48 0 30.8	12.920	.221	.1	4	48 930
416	7.3	3 20 1.00	+1.9755	+0.0028	—46 59 35.9	+12.883	—0.226	.1	4	47 1032
417	8.5	20 56.84	1.7797	.0050	51 32 35.0	12.820	.205	.2	4	51 779
418	8.0	21 7.53	1.7675	.0052	51 47 7.2	12.808	.204	.3-.2	3-4	52 669
419*	8.5	21 15.94	1.8375	.0043	50 13 35.8	12.799	.212	.1	4	50 1015
420	8.2	21 44.65	1.9115	.0035	48 25 48.9	12.757	.220	.1	5	48 940
421	6.6	3 22 40.20	+1.7833	+0.0050	—51 17 28.5	+12.704	—0.206	.1	4	51 790
422	8.5	22 42.61	1.8308	.0044	50 14 4.0	12.701	.212	.1	4	50 1026
423	8.8	22 56.16	1.9174	.0035	48 9 45.9	12.686	.222	.2	4	48 946
424	8.5	24 1.46	1.7891	.0049	51 1 46.0	12.612	.208	.3-.2	3-4	51 801
425*	9.0	24 42.92	1.7933	.0049	50 52 10.7	12.565	.209	.0	8	51 806
426	8.0	3 25 10.22	+1.8698	+0.0041	—49 5 11.0	+12.534	—0.218	.1	4	49 961
427*	8.8	25 10.90	1.7912	.0050	50 52 9.6	12.533	.209	.1-.2	5-4	51 809
428	8.8	25 16.05	1.7992	.0049	50 41 7.3	12.528	.210	.1	4	50 1038
429	9.0	27 42.08	1.9204	.0036	47 36 57.9	12.361	.226	.2	4	47 1064
430	6.0	28 31.75	1.9179	.0037	47 35 45.9	12.303	.226	.2	4	47 1071
431	9.0	3 28 57.99	+1.9467	+0.0034	—46 50 1.1	+12.273	—0.229	.1	4	47 1075
432	8.9	29 1.07	1.8847	.0040	48 21 26.9	12.270	.222	.2-.1	4-5	48 990
433	8.9	29 34.68	1.8510	.0044	49 5 47.0	12.231	.219	.1	4	49 988
434	8.5	29 38.05	1.7965	.0050	50 19 27.2	12.225	.212	.1	4	50 1065
435	8.6	30 0.78	1.8048	.0049	50 6 16.2	12.201	.214	.2	4	50 1066
436*	7.2	3 30 6.06	+1.8366	+0.0045	—49 22 42.0	+12.195	—0.218	.2	4	49 991
437	8.9	30 15.25	1.7609	.0054	51 2 17.8	12.184	.209	.1	4	51 833
438	5.4	30 38.35	1.7797	.0052	50 35 54.7	12.157	.211	.1	5	50 1071
439	8.7	30 57.63	1.9349	.0036	46 56 24.7	12.135	.230	.1	4	47 1081
440	8.5	30 59.23	1.9325	.0036	46 59 53.7	12.133	.229	.1	4	47 1082
441	8.4	3 31 9.53	+1.8430	+0.0045	—49 7 58.6	+12.121	—0.219	.2	4	49 998
442	9.0	32 22.66	1.8695	.0042	48 23 56.4	12.035	.223	.2	4	48 1009
443	8.9	32 40.75	1.7433	.0057	51 11 19.1	12.015	.208	.1	4	51 849
444	8.6	32 57.45	1.8570	.0044	48 38 23.9	11.996	.222	.1	5	48 1011
445	7.9	33 17.15	1.8123	.0048	49 37 58.4	11.972	.217	.1	4	49 1011
446	7.8	3 34 10.73	+1.9036	+0.0040	—47 24 55.1	+11.910	—0.228	.1	4	47 1097
447	9.0	34 17.98	1.7248	.0059	51 25 34.6	11.901	.207	.2	4	51 854
448	8.0	34 56.93	1.7811	.0052	50 10 14.9	11.855	.214	.2	4	50 1090
449	8.6	35 20.13	1.9084	.0040	47 11 25.9	11.828	.229	.1	4	47 1105
450	7.5	35 47.18	1.8207	.0048	49 13 2.0	11.796	.220	.1	5	49 1026

412 p 14\* 9.6 1' N. 419 p 1\* 9.1 0!2 S. 425 s 29\* 8.5 0!1 N. 427 p 29\* 8.8 0!1 S. 436 s 11\* 9.5 0!2 S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
451	7.8	3° 36' 19".23	+1.8024	+0.0050	-49° 34' 46".7	+11.759	-0.218	.1	4	49° 1034
452	8.9	36 53.68	1.8305	.0047	48 53 40.6	11.718	.221	.1	4	49 1037
453	9.1	37 23.02	1.6991	.0063	51 40 49.1	11.683	.206	.2	4	51 871
454	8.7	38 5.04	1.6854	.0064	51 53 43.1	11.633	.205	.3	3	52 735
455	9.0	39 16.88	1.8130	.0049	49 4 50.3	11.548	.221	.1	4	49 1051
456	7.1	3 39 44.69	+1.8590	+0.0045	-47 58 57.7	+11.515	-0.227	.1-.2	5-4	48 1051
457	7.8	39 49.82	1.8388	.0047	48 26 40.2	11.509	.224	.1	4	48 1052
458	8.8	39 54.85	1.6907	.0064	51 37 58.7	11.503	.206	.1	4	51 881
459	8.7	40 12.31	1.7845	.0053	49 37 58.6	11.482	.218	.2	4	49 1057
460	8.0	40 16.52	1.7967	.0051	49 21 30.1	11.477	.220	.2	4	49 1058
461	7.5	3 40 31.01	+1.7191	+0.0060	-51 0 5.1	+11.459	-0.210	.1	4	51 885
462	9.1	40 42.02	1.6768	.0066	51 50 37.6	11.446	.205	.1	5	52 747
463	8.4	40 52.82	1.6935	.0063	51 29 35.0	11.433	.208	.1	4	51 886
464	8.7	40 55.29	1.7513	.0056	50 17 20.9	11.429	.214	.1	4	50 1123
465	7.2	41 11.57	1.7233	.0060	50 51 24.9	11.411	.211	.2	4	51 887
466	8.7	3 41 27.82	+1.7732	+0.0054	-49 46 18.3	+11.391	-0.217	.2	4	49 1054
467	7.4	42 50.94	1.8355	.0048	48 15 45.2	11.291	.226	.1	4	48 1069
468	5.8	43 14.60	1.8641	.0045	47 33 40.4	11.263	.229	.1	5	47 1147
469	7.9	43 22.90	1.6847	.0064	51 27 44.2	11.253	.208	.1	4	51 900
470	8.0	44 18.49	1.8374	.0047	48 5 42.2	11.186	.227	.1	4	48 1074
471	9.0	3 45 20.00	+1.7076	+0.0052	-50 50 14.3	+11.111	-0.212	.2	4	51 913
472	6.5	45 29.15	1.7014	.0063	50 57 7.9	11.100	.212	.2	4	51 914
473	8.1	45 34.62	1.7342	.0059	50 15 51.3	11.093	.215	.1	4	50 1149
474	9.0	46 18.96	1.7772	.0054	49 16 48.7	11.039	.221	.3-.2	3-4	49 1097
475	8.6	47 14.20	1.8096	.0051	48 29 13.2	10.972	.225	.1	4	48 1090
476	8.7	3 47 19.15	+1.8760	+0.0044	-46 56 25.1	+10.966	-0.233	.1	4	47 1170
477	9.0	47 33.81	1.7099	.0061	50 36 35.6	10.948	.213	.2	4	50 1166
478	8.8	48 45.44	1.6752	.0066	51 13 9.3	10.862	.210	.2	4	51 930
479	7.9	49 3.10	1.7926	.0053	48 43 19.3	10.840	.224	.1	4	48 1101
480	9.0	49 34.33	1.8095	.0051	48 18 9.4	10.802	.227	.2	4	48 1106
481	7.1	3 49 41.62	+1.8437	+0.0048	-47 30 39.3	+10.793	-0.231	.1	4	47 1178
482	7.8	50 20.22	1.8728	.0045	46 46 26.4	10.745	.235	.1	4	46 1208
483	8.7	50 46.38	1.7207	.0060	50 7 58.0	10.713	.217	.2	4	50 1183
484	5.8	51 32.39	1.8557	.0047	47 5 2.2	10.656	.234	.2	4	47 1187
485	8.6	51 32.76	1.8566	.0047	47 3 45.7	10.656	.234	.1	4	47 1189
486	9.0	3 53 3.46	+1.7531	+0.0057	-49 16 13.5	+10.544	-0.222	.1	4	49 1140
487	8.9	53 8.74	1.6731	.0066	50 55 19.2	10.537	.212	.2	4	51 945
488	7.7	53 54.90	1.6157	.0073	51 59 16.0	10.480	.205	.2	3	52 805
489	8.3	54 8.39	1.8090	.0051	47 57 31.9	10.463	.229	.3-.2	3-4	48 1131
490	8.9	54 15.07	1.8299	.0049	47 28 24.8	10.455	.232	.2	4	47 1205
491	7.2	3 54 55.95	+1.7745	+0.0054	-48 39 51.9	+10.404	-0.235	.1	4	48 1136
492	8.1	55 3.32	1.7140	.0061	49 56 40.7	10.395	.218	.2	4	50 1209
493	8.1	56 19.36	1.7838	.0054	48 21 19.6	10.300	.227	.1	4	48 1144
494	6.8	56 23.43	1.7164	.0060	49 47 42.6	10.295	.219	.2-.1	3-4	49 1165
495	8.3	57 6.96	1.6404	.0069	51 16 27.5	10.240	.210	.2	4	51 966
496	8.5	3 57 14.71	+1.7465	+0.0057	-49 5 52.2	+10.230	-0.223	.2	4	49 1174
497	9.0	57 21.50	1.8429	.0048	46 56 23.2	10.222	.235	.1	4	47 1226
498	7.0	58 30.62	1.6108	.0072	51 44 48.5	10.135	.208	.2	4	51 975
499	9.0	58 50.13	1.7378	.0058	49 10 2.6	10.111	.223	.1	4	49 1184
500	9.0	59 21.89	1.7890	.0053	48 1 4.3	10.070	.230	.2-.1	3-4	48 1163

Nº	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs.	Cord.
501	8.7	3 <sup>n</sup> 59 <sup>m</sup> 43.08	+1.6378	+0.0069	—51° 8' 22.1	+10.044	—0.211	.2	4	51 0983
502*	8.5	59 43.60	1.6608	.0066	50 41 10.2	10.043	.214	.2	4	50 1242
503*	8.3	4 0 8.52	1.6592	.0066	50 41 17.3	10.012	.214	.2	4-3	50 1245
504	8.9	0 51.84	1.7385	.0058	49 0 27.4	9.957	.224	.3	3	49 1192
505	8.6	1 5 30	1.7592	.0056	48 32 49.8	9.940	.227	.2	4	48 1174
506	8.3	4 1 19.32	+1.5962	+0.0074	—51 49 31.9	+ 9.922	—0.206	.3	3	51 996
507	8.8	1 49.12	1.6671	.0065	50 24 46.2	9.884	.215	.2	4	50 1255
508	9.1	2 41.88	1.7863	.0053	47 50 30.0	9.817	.231	.3	3	48 1183
509	9.0	3 17.94	1.8043	.0052	47 23 51.2	9.771	.234	.0	3	47 1261
510	8.0	3 35.84	1.6026	.0072	51 32 55.0	9.749	.208	.2	4	51 1008
511	8.7	4 3 42.27	+1.8216	+0.0050	—46 58 32.8	+ 9.740	—0.236	.3-.2	3-4	47 1263
512	8.5	4 18.43	1.7238	.0059	49 4 39.1	9.694	.224	.2	4	49 1215
513	7.8	5 1.06	1.6865	.0063	49 48 5.8	9.640	.220	.2	4	49 1220
514	9.0	5 7.67	1.7992	.0052	47 23 10.0	9.631	.234	.3	3	47 1273
515	9.0	6 10.24	1.6558	.0066	50 20 49.3	9.551	.218	.3	3	50 1278
516	8.9	4 6 14.20	+1.6385	+0.0068	— 50 40 48.5	+ 9.546	—0.214	.0	3	50 1279
517	7.8	6 18.07	1.7440	.0057	48 30 59.0	9.541	.228	.2	4	48 1204
518	8.9	6 27.40	1.7498	.0056	48 22 51.4	9.529	.228	.3-.2	3-4	48 1205
519	8.5	6 47.91	1.7861	.0053	47 33 52.5	9.503	.233	.2	4	47 1280
520	8.9	7 13.67	1.7350	.0058	48 38 46.3	9.470	.227	.3	3	48 1211
521	8.1	4 7 35.93	+1.7821	+0.0054	—47 35 57.6	+ 9.441	—0.233	.2	4	47 1284
522	7.1	9 6.05	1.7998	.0052	47 6 22.6	9.325	.236	.3	3	47 1291
523	8.5	9 46.28	1.7914	.0053	47 15 6.3	9.273	.235	.0	3	47 1296
524	9.0	9 52.34	1.7504	.0056	48 8 32.6	9.266	.230	.2	4	48 1235
525	8.6	10 3.68	1.7799	.0054	47 29 10.7	9.251	.234	.2	4	47 1300
526	9.0	4 10 16.17	+1.7018	+0.0060	—49 8 31.6	+ 9.235	—0.224	.2	4	49 1248
527	9.0	10 23.98	1.7093	.0060	48 58 40.9	9.224	.225	.3	3	49 1249
528	9.0	10 48.47	1.7666	.0054	47 43 50.8	9.193	.233	.0	3	47 1303
529	8.3	11 38.08	1.6906	.0061	49 17 8.7	9.128	.223	.2	4	49 1254
530	8.4	11 51.51	1.6162	.0069	50 44 58.8	9.111	.214	.3	3	50 1314
531	8.0	4 12 6.22	+1.5620	+0.0075	—51 45 24.9	+ 9.092	0.207	.0	3	51 1057
532	8.9	12 16.05	1.6660	.0064	49 44 39.3	9.079	.220	.2	4	49 1257
533	8.5	12 37.11	1.6222	.0068	50 35 9.3	9.052	.215	.2	4	50 1320
534	9.3	13 50.38	1.7667	.0054	47 32 9.9	8.956	.234	.2	4	47 1317
535	5.0	14 19.22	1.5604	.0074	51 38 59.4	8.919	.208	.3	3	51 1066
536	8.4	4 14 42.48	+1.7771	+0.0053	—47 15 19.5	+ 8.888	—0.236	.2	4	47 1323
537	8.4	14 58.23	1.5523	.0075	51 45 37.7	8.868	.207	.3	3	51 1072
538	8.5	15 1.42	1.7100	.0059	48 40 29.1	8.864	.227	.0	3	48 1271
539	9.0	16 7.71	1.7126	.0059	48 33 11.4	8.777	.228	.2	4	48 1279
540	9.3	16 11.39	1.6492	.0065	49 50 21.0	8.772	.220	.3	3	49 1283
541	9.1	4 16 16.53	+1.6597	+0.0064	—49 37 32.1	+ 8.765	—0.221	.2	4	49 1284
542	8.8	16 47.58	1.7013	.0059	48 44 50.0	8.724	.227	.3	3	48 1287
543	8.4	17 4.56	1.6387	.0065	49 59 41.2	8.702	.219	.2	4	50 1342
544	7.1	17 13.42	1.7486	.0056	47 43 24.6	8.691	.233	.3	3	47 1338
545	9.0	17 55.87	1.5778	.0071	51 6 44.0	8.635	.211	.0	3	51 1088
546	9.0	4 18 53.97	+1.7587	+0.0054	—47 24 17.0	+ 8.558	—0.235	.2	4	47 1344
547	8.3	19 13.44	1.5693	.0072	51 11 50.5	8.533	.210	.2	4	51 1096
548	7.5	19 14.23	1.6838	.0060	48 57 50.9	8.532	.226	.2	4	49 1297
549	9.1	19 31.13	1.6983	.0059	48 38 55.5	8.509	.228	.3	3	48 1309
550	8.9	20 4 34	1.6215	.0066	50 9 22.5	8.465	.218	.2	3-4	50 1352

502 s 25\* 8.0 0/2 S.    503 p 25\* 8.3 0/2 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec	$\delta$ 1935.0	Prec.	Var. Sec	1935.0 +	N° Obs.	Cord.
551	8.9	4 <sup>h</sup> 20 <sup>m</sup> 50 <sup>s</sup> .38	+1.7232	+0.0057	-48° 3' 10".6	+ 8.404	-0.232	.3	3	48° 13' 20"
552	8.9	21 43.58	1.5628	.0071	51 10 33.8	8.334	.211	.0	3	51 11 12
553*	7.9	22 9.26	1.7546	.0054	47 18 18.4	8.300	.236	.2	4	47 13 63
554	7.2	22 20.43	1.7776	.0052	46 47 34.0	8.285	.239	.2	4	46 14 04
555	9.1	22 25.28	1.7718	.0052	46 54 53.5	8.279	.239	.2	4	47 13 66
556	8.6	4 22 26.78	+1.6688	+0.0061	-49 5 1.9	+ 8.277	-0.225	.2	4	49 13 20
557	9.1	22 34.18	1.7067	.0058	48 17 58.9	8.267	.230	.3	3	48 13 34
558	7.7	23 8.24	1.5805	.0069	50 46 0.8	8.222	.214	.3	3	50 13 85
559	8.8	23 21.58	1.5645	.0071	51 3 12.7	8.204	.212	.0	3	51 11 19
560*	8.9	23 41.02	1.7173	.0057	48 0 59.6	8.178	.232	.2	4	48 13 37
561	8.9	4 24 4.18	+1.5986	+0.0067	-50 22 19.2	+ 8.147	-0.216	.2	4	50 13 87
562	7.5	25 11.19	1.7569	.0054	47 5 11.4	8.058	.238	.2	4	47 13 83
563	9.1	25 35.81	1.6812	.0059	48 39 32.1	8.025	.228	.3	3	48 13 52
564	8.6	25 52.23	1.6570	.0061	49 8 2.6	8.003	.225	.2	4	49 13 39
565	8.6	25 55.19	1.5360	.0073	51 26 20.4	7.999	.209	.3	3	51 11 38
566	7.8	4 27 8.54	+1.6227	+0.0064	-49 44 33.8	+ 7.901	-0.221	.0	3	49 13 50
567	8.8	27 51.27	1.6824	.0059	48 30 46.5	7.844	.229	.2	4	48 13 63
568	8.3	28 22.66	1.7003	.0057	48 7 5.9	7.801	.232	.2	4	48 13 67
569	9.1	30 0.86	1.6294	.0063	49 27 48.9	7.669	.224	.2	4	49 13 66
570	8.7	30 20.61	1.5964	.0065	50 5 6.4	7.643	.218	.3	3	50 14 19
571	9.0	4 30 58.60	+1.5670	+0.0068	-50 36 25.7	+ 7.592	-0.214	.2	4	50 14 26
572	8.8	31 40.70	1.7425	.0053	47 3 21.7	7.535	.238	.3	3	47 14 21
573	9.1	32 1.01	1.6494	.0060	48 57 57.3	7.507	.226	.0	3	49 13 74
574	8.6	32 28.01	1.6677	.0059	48 34 33.8	7.471	.229	.2	4	48 13 99
575	9.1	33 50.02	1.5320	.0070	51 6 38.6	7.360	.211	.3	3	51 11 84
576	9.0	4 34 9.55	+1.7022	+0.0056	-47 47 7.2	+ 7.333	-0.234	.2	4	47 14 37
577	9.0	35 1.27	1.6250	.0061	49 18 4.7	7.263	.224	.3	3	49 13 89
578	9.0	35 24.04	1.4796	.0074	51 58 10.9	7.232	.204	.2	4	52 9 50
579	9.0	35 55.88	1.6669	.0058	48 25 23.0	7.185	.230	.3	3	48 14 32
580	9.1	37 12.46	1.6920	.0056	47 50 55.9	7.084	.234	.0	3	47 14 54
581	9.1	4 37 16.02	+1.4970	+0.0072	-51 34 37.2	+ 7.080	-0.207	.2	4	51 12 05
582	9.0	37 23.38	1.5504	.0066	50 36 19.8	7.069	.214	.2	4	50 14 58
583	7.5	37 27.56	1.4839	.0072	51 47 58.3	7.054	.205	.2	4	51 12 07
584	8.0	38 46.85	1.6483	.0058	48 39 46.8	6.956	.228	.3	3	48 14 54
585	8.9	39 50.48	1.6485	.0058	48 36 38.6	6.868	.229	.3	3	48 14 67
586	9.1	4 39 50.92	+1.6650	+0.0057	-48 16 46.4	+ 6.868	-0.231	.2	4	48 14 66
587	7.0	39 54.60	1.7084	.0054	47 23 2.8	6.863	.237	.0	3	47 14 72
588*	8.2	40 2.56	1.6809	.0056	47 56 51.6	6.852	.233	.2	4	48 14 69
589	8.1	40 18.67	1.5413	.0066	50 38 27.4	6.830	.214	.2	4	50 14 68
590	6.3	41 6.28	1.5415	.0066	50 36 10.1	6.764	.214	.2	4	50 14 71
591	8.0	4 41 29.05	+1.7071	+0.0053	-47 20 29.1	+ 6.733	-0.237	.3	3	47 14 86
592	9.1	41 35.13	1.6272	.0059	48 57 16.4	6.725	.226	.2	4	49 14 27
593	9.0	41 39.66	1.7177	.0053	47 6 39.9	6.719	.239	.3	3	47 14 89
594*	8.7	41 48.78	1.6534	.0057	48 25 29.3	6.705	.230	.0	3	48 14 78
595*	8.8	41 55.92	1.5716	.0063	50 0 28.4	6.696	.219	.2	4	50 14 76
596*	7.5	4 42 2.07	+1.6516	+0.0057	-48 27 5.1	+ 6.688	-0.230	.2	4	48 14 79
597	9.0	42 51.28	1.6952	.0054	47 31 43.2	6.620	.236	.2	4	47 14 97
598	9.1	42 58.31	1.4750	.0071	51 42 41.5	6.611	.206	.3	3	51 12 42
599*	9.2	43 8.75	1.4808	.0070	51 36 10.6	6.596	.206	.1	4	51 12 43
600	8.1	43 10.87	1.4925	.0069	51 23 41.1	6.593	.208	.3	3	51 12 44

553 s 6\* \* 9.5 1' S. 560 p 2\* 0' 3 N.  
 \* 8.0 2' N. 599 p \* 9.2 0' 3 S. 588 doble. 594 s 13\* \* 7.4 2' S. 595 p 5\* \* 9.6 0' 7 S. 596 p 13\*

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
601	7.9	4 <sup>h</sup> 44 <sup>m</sup> 0 <sup>s</sup> .16	+1.5574	+0.0064	-50°11' 57.2	+ 6.525	-0.217	.0	3	50°1492
602	9.0	44 6.53	1.6621	.0056	48 9 2.2	6.517	.232	.2	4	48 1497
603	8.7	44 18.85	1.5266	.0066	50 44 12.1	6.500	.213	.2	4	50 1494
604	8.6	44 25.12	1.5999	.0060	49 21 41.8	6.491	.223	.2	4	49 1439
605	9.0	44 32.47	1.4534	.0072	52 1 10.2	6.481	.203	.3	3	52 997
606	8.8	4 44 44.64	+1.5014	+0.0068	-51 10 19.8	+ 6.464	-0.210	.2	4	51 1253
607	9.0	45 3.75	1.5373	.0064	50 30 35.2	6.438	.215	.3	3	50 1501
608	9.1	46 14.85	1.4959	.0067	51 12 24.8	6.339	.209	.0	3	51 1262
609	9.1	46 19.96	1.6773	.0053	47 44 52.4	6.332	.235	.2	4	47 1519
610	7.9	46 49.78	1.5661	.0062	49 54 17.6	6.291	.219	.2	4	50 1512
611	8.8	4 46 54.46	+1.5987	+0.0059	-49 16 55.1	+ 6.284	-0.224	.3	3	49 1449
612	9.0	47 0.20	1.5098	.0066	50 55 41.8	6.277	.212	.3	3	51 1266
613	8.1	47 4.90	1.5606	.0062	49 59 50.5	6.270	.219	.2	4	50 1514
614	7.5	47 6.53	1.7001	.0052	47 14 48.4	6.268	.238	.3	3	47 1526
615	8.3	48 0.51	1.6405	.0056	48 25 19.5	6.193	.230	.0	3	48 1529
616*	9.0	4 48 24.16	+1.4559	+0.0070	-51 49 12.4	+ 6.160	-0.204	.4	2	51 1274
617	9.0	48 24.90	1.6545	.0055	48 7 29.3	6.159	.232	.2	4	48 1533
618	8.5	48 46.60	1.4926	.0066	51 9 54.7	6.129	.210	.2	4	51 1278
619	8.8	49 23.18	1.6503	.0055	48 10 16.0	6.078	.232	.3	3	48 1543
620*	7.5	49 45.07	1.5811	.0059	49 30 17.2	6.048	.222	.2	4	49 1563
621	6.9	4 49 52.51	+1.4518	+0.0069	-51 50 1.1	+ 6.038	-0.204	.3	3	51 1281
622	7.8	50 10.82	1.7080	.0051	46 57 33.8	6.012	.240	.0	3	47 1546
623	8.5	51 4.14	1.7168	.0050	46 44 19.6	5.938	.241	.2	4	46 1596
624	9.0	52 56.87	1.4815	.0065	51 12 7.9	5.781	.209	.2	4	51 1298
625	8.9	53 28.89	1.5446	.0060	50 2 49.7	5.736	.218	.2	4	50 1557
626	9.0	4 54 40.59	+1.4812	+0.0064	-51 8 44.0	+ 5.636	-0.210	.3	3	51 1309
627	8.8	54 58.52	1.5470	.0059	49 56 48.2	5.611	.219	.3	3	50 1565
628	8.0	55 3.75	1.4570	.0066	51 33 8.2	5.603	.206	.3	3	51 1313
629	8.8	55 11.71	1.5105	.0062	50 36 17.0	5.592	.214	.0	3	50 1567
630*	8.5	55 28.28	1.5926	.0056	49 4 19.8	5.569	.225	.2	4	49 1597
631	8.8	4 55 48.82	+1.6778	+0.0051	-47 22 16.1	+ 5.540	-0.237	.2	4	47 1587
632	8.4	56 20.16	1.5044	.0062	50 40 25.8	5.496	.213	.2	4	50 1575
633	9.1	56 56.89	1.6735	.0051	47 25 10.2	5.445	.237	.3	3	47 1599
634*	8.6	57 19.27	1.5488	.0058	49 49 55.6	5.413	.220	.3	3	49 1610
635	8.9	57 27.59	1.5264	.0060	50 14 18.2	5.402	.217	.3	3	50 1585
636*	8.5	4 57 47.73	+1.5628	+0.0057	-49 33 13.5	+ 5.373	-0.222	.0	3	49 1611
637*	8.2	57 58.86	1.5802	.0056	49 13 8.5	5.358	.224	.2	4	49 1612
638	8.9	58 33.00	1.6168	.0053	48 29 47.8	5.310	.230	.2	4	48 1598
639	7.8	58 41.72	1.4263	.0066	51 57 9.1	5.298	.203	.3	3	52 1062
640	9.0	58 44.27	1.7030	.0048	46 44 59.2	5.294	.242	.2	4	46 1656
641	8.8	4 58 57.91	+1.6564	+0.0051	-47 41 50.5	+ 5.275	-0.235	.3	3	47 1624
642	8.6	59 2.01	1.4726	.0062	51 8 40.2	5.269	.209	.3	3	51 1338
643	9.0	59 16.58	1.6253	.0053	48 18 18.6	5.249	.231	.0	2	48 1601
644	8.5	59 39.25	1.6802	.0050	47 11 26.9	5.217	.239	.2	4	47 1629
645*	8.3	59 45.58	1.5531	.0057	49 40 10.2	5.208	.221	.2	4	49 1628
646	9.0	5 0 13.19	+1.5141	+0.0060	-50 22 6.3	+ 5.169	-0.215	.2	4	50 1603
647	8.5	0 45.89	1.5100	.0059	50 25 29.8	5.123	.215	.3	3	50 1605
648	8.0	0 53 77	1.5035	.0060	50 32 12.3	5.112	.214	.3	3	50 1606
649	8.3	0 54 45	1.4459	.0063	51 32 46.2	5.111	.206	.3	3	51 1348
650*	6.0	1 6 48	1.5735	.0055	49 14 33.5	5.094	.224	.0	3	49 1641

616 s 9<sup>s</sup> \* 9.3 r' N.

620, 630, 634, 636, 637, 645 y 650. El número correspondiente a Córdoba debe disminuirse en 100.

Nº	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs.	Cord.
651*	8.4	5 <sup>h</sup> 1 <sup>m</sup> 11.68	+1.4836	+0.0061	-50° 52' 51.9	+ 5.086	-0.211	.2	4	50° 1607
652*	7.5	1 15.81	1.5436	.0057	49 47 42.3	5.081	.220	.2	4	49 1643
653	8.3	1 33.49	1.5093	.0059	50 24 42.6	5.056	.215	.3	3	50 1609
654*	7.5	1 34.37	1.5546	.0056	49 34 58.1	5.051	.221	.3	3	49 1647
655*	7.7	2 42.64	1.5463	.0056	49 42 2.4	4.958	.220	.3	3	49 1656
656*	5.3	5 3 16.84	+1.5472	+0.0055	-49 39 54.4	+ 4.910	-0.221	.2	4	49 1662
657	8.8	3 49.26	1.4420	.0063	51 31 21.9	4.864	.206	.0	3	51 1367
658	8.5	4 11.85	1.5935	.0052	48 45 50.9	4.832	.227	.2	4	48 1635
659	8.7	5 6.34	1.4685	.0064	51 1 34.1	4.755	.210	.2	4	51 1372
660	9.2	5 31.11	1.5897	.0052	48 47 46.7	4.720	.227	.3-.2	3-4	48 1648
661*	8.3	5 6 25.41	+1.5574	+0.0053	-49 22 48.4	+ 4.643	-0.223	.3	3	49 1680
662*	7.4	7 30.31	1.5728	.0052	49 3 36.5	4.551	.225	.3	3	49 1690
663	8.6	7 37.43	1.4061	.0062	52 1 2.6	4.541	.201	.3	3	52 1114
664	8.3	7 48.39	1.4572	.0058	51 8 35.8	4.525	.209	.0	3	51 1387
665	8.5	8 33.94	1.6718	.0046	47 5 6.7	4.460	.239	.2	4	47 1711
666	8.2	5 8 59.14	+1.5981	+0.0050	-48 32 2.9	+ 4.425	-0.229	.2	4	48 1669
667	8.9	8 59.94	1.4414	.0058	51 22 55.0	4.423	.207	.2	4	51 1393
668	8.8	10 11.20	1.6564	.0046	47 21 3.9	4.322	.238	.3	3	47 1728
669*	8.0	10 21.39	1.5645	.0051	49 8 12.3	4.307	.224	.3	3	49 1710
670	7.6	10 49.13	1.4241	.0058	51 37 37.7	4.268	.204	.3	3	51 1402
671	8.5	5 11 43.45	+1.6242	+0.0047	-47 57 0.8	+ 4.191	-0.233	.0	3	48 1694
672	8.7	12 13.86	1.4752	.0055	50 42 34.5	4.148	.217	.2	4	50 1676
673	6.5	12 22.66	1.3932	.0059	52 6 14.3	4.135	.200	.2	4	52 1132
674	8.6	12 40.37	1.4329	.0057	51 25 49.4	4.109	.206	.3	3	51 1415
675	9.0	13 7.39	1.6567	.0045	47 16 5.5	4.072	.238	.3	3	47 1749
676*	7.8	5 14 2.18	+1.5390	+0.0050	-49 30 52.9	+ 3.993	-0.222	.3	3	49 1743
677	8.3	14 12.38	1.5791	.0048	48 45 33.3	3.979	.227	.0	3	48 1717
678	8.0	14 15.82	1.6417	.0046	47 32 20.0	3.974	.236	.2	4	47 1757
679	9.0	14 41.74	1.4346	.0056	51 21 3.8	3.937	.205	.2	4	51 1429
680	8.4	14 57.15	1.4228	.0056	51 32 42.2	3.915	.205	.3	3	51 1433
681	8.1	5 15 5.19	+1.5805	+0.0048	-48 42 34.2	+ 3.903	-0.228	.3	3	48 1721
682*	7.8	15 7.54	1.5292	.0050	49 40 7.0	3.900	.220	.3	3	49 1754
683	7.7	15 9.86	1.6039	.0047	48 15 35.9	3.897	.231	.3	3	48 1722
684	9.0	15 46.50	1.4001	.0057	51 54 17.9	3.844	.202	.0	3	51 1435
685	8.0	16 24.64	1.6436	.0044	47 26 51.9	3.790	.237	.2	4	47 1780
686*	8.9	5 16 42.64	+1.5242	+0.0050	-49 43 18.3	+ 3.764	-0.220	.2	4	49 1762
687	8.7	16 53.44	1.4638	.0053	50 47 40.0	3.749	.211	.3	3	50 1717
688	8.7	16 55.72	1.4232	.0055	51 29 26.7	3.745	.205	.3	3	51 1447
689	7.9	17 22.94	1.4134	.0055	51 38 43.2	3.706	.204	.3	3	51 1452
690	5.8	17 46.30	1.4695	.0052	50 40 30.3	3.673	.212	.3	3	50 1723
691	7.8	5 18 12.48	+1.6582	+0.0043	-47 6 46.2	+ 3.635	-0.239	.0	3	47 1787
692	8.2	18 14.57	1.3847	.0056	52 6 10.3	3.634	.200	.2	4	52 1168
693	8.5	18 43.53	1.6343	.0044	47 34 49.4	3.591	.236	.2	4	47 1794
694*	8.8	19 15.51	1.5148	.0049	49 49 59.1	3.545	.219	.3	3	49 1785
695*	9.1	19 19.91	1.5473	.0047	49 14 10.7	3.539	.223	.3	3	49 1785
696	7.5	5 19 51.05	+1.4106	+0.0053	-51 38 15.7	+ 3.494	-0.204	.3	3	51 1466
697	8.8	19 58.09	1.6264	.0044	47 42 27.8	3.484	.235	.3	3	47 1800
698	9.0	20 24.51	1.6550	.0042	47 6 33.0	3.445	.241	.0	3	47 1806
699	8.5	20 30.16	1.4946	.0049	50 10 12.4	3.438	.216	.2	4	50 1748
700	8.4	21 31.68	1.4240	.0052	51 22 33.4	3.349	.206	.2	4	51 1472

651 doble.

669 s 7<sup>s</sup> \* 0.2 N.

652, 654, 655, 656, 661, 662, 669, 676, 682, 686, 694 y 695. El número correspondiente a Córdoba debe disminuirse en 100.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
701*	8.2	5 <sup>h</sup> 21 <sup>m</sup> 46 <sup>s</sup> .87	+1.5337	+0.0047	-49° 26' 17.5	+ 3.327	-0.222	.3	3	49° 18 01
702	8.7	22 18.62	1.6396	.0041	47 23 51.2	3.282	.237	.3	3	47 18 25
703	8.8	23 21.79	1.4697	.0048	50 33 4.9	3.191	.213	.3	3	50 17 75
704	8.4	23 22.64	1.4419	.0050	51 2 2.5	3.190	.209	.3	3	51 14 89
705	8.7	23 35.62	1.6506	.0041	47 9 0.4	3.171	.239	.0	3	47 18 36
706*	8.8	5 23 37.35	+1.5564	+0.0045	-48 58 34.1	+ 3.164	-0.225	.2	4	49 18 09
707	9.1	24 57.20	1.6019	.0042	48 5 3.0	3.054	.232	.2	4	48 18 06
708	8.0	26 12.83	1.5655	.0043	48 45 22.9	2.915	.227	.3	3	48 18 18
709*	8.8	26 33.41	1.5409	.0044	49 12 29.2	2.915	.223	.3	3	49 18 33
710	7.5	27 17.22	1.4532	.0048	50 45 55.5	2.852	.211	.3	3	50 18 01
711	8.8	5 27 18.13	+1.5825	+0.0042	-48 24 46.6	+ 2.850	-0.230	.3	3	48 18 27
712	9.0	27 19.99	1.4025	.0049	51 37 38.4	2.848	.204	.0	3	51 15 10
713	8.4	27 20.98	1.3803	.0050	51 59 40.7	2.846	.200	.2	4	52 12 23
714*	6.5	28 2.76	1.6477	.0039	47 7 29.8	2.786	.239	.2	4	47 18 80
715*	6.5	28 22.13	1.6475	.0039	47 7 24.7	2.758	.239	.3	3	47 18 84
716	9.0	5 28 44.65	+1.6409	+0.0039	-47 14 55.2	+ 2.726	-0.238	.3	3	47 18 86
717	7.6	28 53.43	1.4869	.0044	50 8 51.9	2.713	.216	.3	3	50 18 10
718	8.5	29 39.54	1.4658	.0044	50 30 20.0	2.646	.213	.3	3	50 18 16
719	8.0	29 56.25	1.4880	.0044	50 6 38.8	2.622	.216	.0	3	50 18 19
720	7.8	30 3.28	1.5454	.0042	49 3 52.0	2.612	.224	.2	4	49 17 71
721	7.8	5 30 34.77	+1.6257	+0.0039	-47 31 15.0	+ 2.566	-0.236	.2	4	47 19 03
722	9.0	30 39.91	1.6010	.0040	48 0 8.2	2.559	.232	.3	3	48 18 57
723*	8.3	31 11.23	1.6144	.0039	47 43 56.0	2.514	.234	.3	3	47 19 09
724*	8.5	31 23.05	1.6156	.0939	47 42 22.0	2.497	.235	.3	3	47 19 12
725	9.0	31 27.22	1.5076	.0042	49 44 4.3	2.490	.219	.0	3	49 17 82
726	8.7	5 31 28.05	+1.6389	+0.0038	-47 14 37.8	+ 2.489	-0.238	.3	3	47 19 13
727	8.1	31 46.66	1.3947	.0046	51 41 6.7	2.462	.203	.2	4	51 15 39
728	7.5	31 47.49	1.5247	.0041	49 25 7.7	2.461	.222	.2-0	4-3	49 17 83
729	9.0	32 16.19	1.6207	.0038	47 35 34.3	2.420	.236	.3	3	47 19 19
730	8.3	32 51.25	1.3944	.0045	51 40 25.9	2.369	.203	.3	3	51 15 45
731	7.5	5 32 59.82	+1.5471	+0.0040	-48 59 17.7	+ 2.356	-0.225	.3	3	49 17 90
732	8.7	33 26.37	1.6504	.0037	46 59 8.7	2.318	.240	.3	3	47 19 31
733	8.5	34 1.76	1.5023	.0041	49 47 32.1	2.267	.218	.0	3	49 18 03
734	8.9	34 12.45	1.5049	.0041	49 44 32.6	2.251	.219	.2	4	49 18 07
735	7.3	34 16.73	1.6314	.0037	47 21 9.4	2.245	.237	.2	4	47 19 40
736	7.6	5 34 53.21	+1.5810	+0.0038	-48 19 23.0	+ 2.192	-0.230	.3	3	48 18 91
737	9.0	35 2.66	1.3841	.0044	51 48 48.9	2.178	.201	.3	3	51 15 60
738*	8.3	35 12.75	1.5975	.0037	48 0 8.0	2.164	.232	.3	3	48 18 94
739	8.7	35 31.88	1.3733	.0044	51 59 8.4	2.136	.200	.0	3	52 12 78
740	7.9	35 33.09	1.4643	.0041	50 26 46.5	2.134	.213	.3	3	50 18 58
741	7.7	5 35 41.32	+1.6362	+0.0036	-47 14 16.9	+ 2.123	-0.238	.2-0	4-3	47 19 51
742	9.0	36 3.72	1.5105	.0039	49 37 3.5	2.090	.220	.2	4	49 18 17
743	8.1	36 24.10	1.6097	.0037	47 45 0.5	2.060	.234	.3	3	47 19 57
744	7.8	36 42.98	1.4502	.0040	50 40 36.3	2.033	.211	.3	3	50 18 64
745	8.8	37 8.23	1.3667	.0043	52 4 22.5	1.996	.199	.3	3	52 12 87
746	9.0	5 37 41.15	+1.6146	+0.0036	-47 38 19.3	+ 1.949	-0.235	.3	3	47 19 68
747	9.0	38 21.10	1.5157	.0038	49 29 38.4	1.891	.221	.0	3	49 18 34
748	9.0	38 27.42	1.4466	.0040	50 42 59.7	1.882	.211	.2	4	50 18 78
749	8.9	38 37.70	1.5112	.0038	49 34 19.6	1.867	.220	.2	4	49 18 37
750	8.9	39 30.41	1.3765	.0041	51 53 8.6	1.790	.200	.3	3	51 15 85

714 s 20" \* 5.7 0.13 N.    715 p 7" \* 8.1 0.13 S.    723 s 10" \* 8.5 2' N.    724 p 10" \* 8.0 2' S.    738 p 2" \* 0.11 N.  
 701, 706, 709. El número correspondiente a Córdoba debe disminuirse en 100.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
751	8.5	5 <sup>h</sup> 39 <sup>m</sup> 49 <sup>s</sup> .64	+1.4418	+0.0039	-50°47' 8".0	+ 1".762	-0".210	.3	3	50°18'9"
752	8.3	39 49.83	1.5800	.0036	48 16 52.5	1.762	.230	.3	3	48 19'30"
753	8.9	40 12.24	1.4844	.0037	50 2 8.6	1.729	.215	.5- .3	2-3	50 18'9"
754	8.5	40 29.65	1.3675	.0040	52 1 19.8	1.704	.199	.0	3	52 13'11"
755	8.6	41 41.99	1.6012	.0034	47 51 15.8	1.599	.233	.2	4	47 19'9"
756	8.2	5 41 45.91	+1.6156	+0.0034	-47 34 24.1	+ 1.593	-0.235	.2	4	47 19'9"
757	7.2	41 49 54	1.4928	.0036	49 52 12.0	1.588	.218	.3	3	49 18'54"
758	8.7	42 35.86	1.5294	.0035	49 11 59.2	1.521	.223	.3	3	49 18'60"
759	8.9	43 38.82	1.4285	.0037	50 58 28.4	1.429	.208	.3	3	51 16'08"
760	8.5	43 39.26	1.4714	.0036	50 13 57.7	1.428	.214	.3	3	50 19'18"
761	8.3	5 43 48.92	+1.6231	+0.0033	-47 24 23.0	+1.414	-0.236	.0	3	47 20'14"
762	7.7	44 3.03	1.6420	.0032	47 1 47.8	1.394	.239	.2	4	47 20'17"
763	8.8	44 38.67	1.4327	.0036	50 53 40.1	1.340	.208	.2	4	50 19'27"
764	9.0	44 41.48	1.5924	.0033	47 59 45.5	1.338	.232	.3	3	48 19'72"
765	8.8	44 43.52	1.5226	.0034	49 18 17.8	1.335	.222	.3	3	49 18'79"
766	8.4	5 45 6.98	+1.5702	+0.0033	-48 25 4.8	+1.301	-0.229	.3	3	48 19'79"
767	8.5	45 13.26	1.4335	.0036	50 52 37.4	1.292	.209	.3	3	50 19'33"
768	4.0	45 44.56	1.4208	.0035	51 5 21.5	1.246	.207	.0	3	51 16'20"
769	8.2	45 44.81	1.5512	.0033	48 46 12.2	1.246	.226	.2	4-3	48 19'85"
770	9.0	45 45.34	1.5836	.0033	48 9 28.6	1.245	.231	.2	4	48 19'84"
771	9.0	5 46 7.52	+1.5649	+0.0033	-48 30 35.1	+1.213	-0.228	.4	2	48 19'86"
772	8.0	46 32.99	1.5418	.0033	48 56 18.4	1.176	.225	.3	3	48 19'91"
773	8.5	46 42.51	1.5383	.0032	49 0 7.4	1.162	.224	.3	3	49 18'93"
774	7.8	48 22.81	1.4216	.0034	51 3 22.6	1.016	.207	.3	3	51 16'35"
775	8.0	48 43.36	1.5375	.0032	49 0 11.2	0.986	.224	.0	3	49 19'07"
776	8.8	5 48 59.21	+1.6476	+0.0030	-46 52 53.3	+0.963	-0.240	.2	4	46 20'42"
777	9.0	49 19.79	1.4407	.0033	50 43 30.4	0.933	.210	.2	4	50 19'57"
778	9.0	49 24.86	1.4446	.0032	50 39 29.8	0.925	.211	.3	3	50 19'59"
779	6.5	49 24.90	1.3569	.0034	52 7 22.9	0.925	.198	.3	3	52 13'61"
780	8.5	49 35.54	1.4667	.0032	50 16 20.3	0.910	.214	.3	3	50 19'60"
781	8.5	5 49 51.08	+1.5184	+0.0031	-49 20 50.1	+0.887	-0.221	.3	3	49 19'17"
782	8.8	50 50.14	1.5318	.0030	49 5 48.1	0.861	.223	.0	3	49 19'26"
783	7.5	50 56.08	1.3598	.0033	52 4 4.7	0.793	.198	.2	4	52 13'70"
784	8.8	51 12.54	1.5696	.0030	48 23 21.5	0.769	.229	.2	4	48 20'26"
785	7.0	51 26.02	1.5916	.0029	47 58 3.4	0.749	.232	.3	3	47 20'77"
786	8.2	5 52 26.18	+1.6310	+0.0028	-47 11 44.8	+0.661	-0.238	.3	3	47 20'85"
787	7.0	52 35.17	1.4596	.0030	50 22 58.2	0.648	.213	.3	3	50 19'77"
788	8.9	52 48.48	1.3725	.0031	51 51 9.8	0.629	.200	.5	2	51 16'69"
789*	6.5	53 3.42	1.5016	.0030	49 38 13.5	0.607	.219	.0	3	49 19'45"
790	8.3	53 6.36	1.6075	.0028	47 39 13.4	0.603	.234	.2	4	47 20'89"
791	8.4	5 53 27.41	+1.4236	+0.0030	-50 59 52.0	+0.572	-0.208	.2	4	51 16'71"
792	9.0	53 34.31	1.6038	.0028	47 43 23.8	0.562	.234	.3	3	47 20'95"
793*	9.0	53 37.13	1.5008	.0029	49 38 51.5	0.558	.219	.3	3	49 19'49"
794	8.7	54 3.50	1.5389	.0028	48 57 7.6	0.520	.224	.3	3	48 20'52"
795	8.6	55 5.11	1.3838	.0029	51 39 33.5	0.430	.202	.3	3	51 16'81"
796	9.0	5 55 36.72	+1.5993	+0.0027	-47 48 21.9	+0.384	-0.233	.0	3	47 21'15"
797	8.3	56 0.24	1.5755	.0027	48 15 40.9	0.349	.230	.2	4	48 20'71"
798	7.6	57 30.09	1.4096	.0026	51 13 33.7	0.218	.206	.2	4	51 16'99"
799	9.0	58 7.44	1.5763	.0026	48 14 32.4	0.164	.230	.3	3	48 20'83"
800	9.0	58 37.61	1.5661	.0026	48 26 6.9	0.120	.228	.3	3	48 20'87"

789 s 33° \* 8.4 o'16 S. 793 p 33° \* 6.4 o'16 N.

Nº	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs.	Cord.
801	9.0	5 <sup>h</sup> 58 <sup>m</sup> 56 <sup>s</sup> .09	+1.5855	+0.0026	-48° 3'55".5	+ 0.0093	-0.231	.3	3	48°2088
802	8.3	59 3.60	1.3950	.0026	51 28 5.1	0.082	.203	.5	2	51 1710
803	8.9	59 12.74	1.5369	.0026	48 58 48.7	0.069	.224	.0	3	48 2092
804	5.5	59 17.67	1.4100	.0025	51 13 4.5	0.062	.205	.2	3-4	51 1713
805	8.5	59 59.15	1.5312	.0025	49 5 1.8	0.001	.223	.2	4	49 2011
806	9.0	6 0 15.41	+1.5394	+0.0025	-48 56 2.2	-0.022	-0.224	.3	3	48 2100
807	8.9	0 28.79	1.6191	.0025	47 24 52.8	0.042	.236	.3	3	47 2156
808	9.2	1 24.51	1.3519	.0025	52 10 28.1	0.123	.197	.0	3	52 1421
809	9.0	1 33.11	1.3559	.0025	52 6 37.2	0.136	.198	.1	4	52 1423
810	8.7	2 27.79	1.4174	.0023	51 5 35.8	0.215	.206	.1	3	51 1736
811	9.0	6 2 45.26	+1.6160	+0.0023	-47 28 35.7	-0.241	-0.235	.1	3	47 2175
812*	7.5	3 5.62	1.5653	.0023	48 27 5.9	0.270	.228	.1	3	48 2124
813	9.0	3 23.68	1.5038	.0023	49 35 15.6	0.297	.219	.1	3	49 2044
814	7.8	3 32.40	1.6432	.0023	46 56 27.7	0.310	.239	.3	3	46 2187
815	6.8	5 3.96	1.5245	.0022	49 12 52.7	0.443	.222	.2	4	49 2061
816	8.7	6 5 10.71	+1.5534	+0.0022	-48 40 49.0	-0.453	-0.226	.9	3	48 2143
817	9.0	6 40.08	1.4246	.0021	50 58 56.8	0.583	.207	.3	3	50 2083
818	8.6	6 41.19	1.4960	.0021	49 44 5.4	0.585	.218	.3	3	49 2074
819	8.8	7 18.05	1.4434	.0021	50 39 44.8	0.638	.210	.1	4	50 2087
820	8.8	7 20.50	1.3559	.0020	52 7 26.0	0.642	.197	.1	3	52 1458
821	9.3	6 7 41.61	+1.6286	+0.0021	-47 14 31.7	-0.673	-0.237	.1	3	47 2209
822	9.2	7 41.61	1.6147	.0021	47 30 58.6	0.673	.235	.1	3	47 2210
823	7.6	7 45.48	1.5065	.0021	49 33 2.1	0.678	.219	.1	3	49 2084
824*	7.8	7 56.64	1.4015	.0020	51 22 34.6	0.695	.204	.1	4	51 1769
825	8.6	8 4.38	1.5083	.0020	49 31 12.9	0.706	.219	.3	3	49 2089
826	8.7	6 8 26.86	+1.3619	+0.0020	-52 1 54.8	-0.739	-0.198	.9	3	52 1466
827*	8.0	8 28.08	1.4007	.0020	51 23 30.9	0.740	.204	.3	3	51 1773
828	8.3	8 48.00	1.5401	.0020	48 56 27.8	0.769	.224	.3	3	48 2186
829	8.8	10 18.46	1.4377	.0019	50 46 29.8	0.901	.209	.3	3	50 2109
830	8.7	10 19.85	1.3899	.0018	51 34 51.1	0.903	.202	.1	3	51 1787
831	9.2	6 10 22.33	+1.5586	+0.0019	-48 36 13.8	-0.907	-0.226	.1	4	48 2201
832	9.2	10 24.85	1.6220	.0020	47 23 12.0	0.910	.236	.1	2	47 2230
833	9.0	10 25.96	1.3768	.0018	51 53 45.5	0.912	.199	.1	3	51 1788
834	9.0	10 29.37	1.6081	.0020	47 39 31.1	0.917	.234	.1	3	47 2231
835	7.4	10 48.32	1.5189	.0019	49 20 31.3	0.945	.221	.1	3	49 2106
836	8.6	6 10 53.42	+1.6482	+0.0020	-46 52 3.6	-0.952	-0.239	.3	3	46 2253
837	9.0	11 16.14	1.5162	.0019	49 23 34.0	0.985	.220	.9	3	49 2114
838	8.8	11 16.36	1.5356	.0019	49 2 17.8	0.986	.223	.2	4	49 2113
839	9.0	11 20.93	1.4163	.0018	51 8 45.5	0.992	.206	.3	3	51 1799
840	9.1	11 59.66	1.5633	.0018	49 37 53.1	1.049	.218	.3	3	49 2122
841	9.0	6 12 4.68	+1.3682	+0.0017	-51 56 53.1	-1.056	-0.199	.1	3	51 1805
842	7.9	12 11.64	1.3866	.0017	51 38 47.4	1.066	.201	.1	4	51 1806
843	9.0	12 36.02	1.4946	.0018	49 47 27.8	1.101	.217	.1	3	49 2129
844	8.9	12 38.17	1.6259	.0019	47 19 24.5	1.105	.236	.1	3	47 2244
845	9.3	12 41.90	1.5332	.0018	49 5 27.7	1.110	.223	.1	2	49 2130
846	8.8	6 12 58.80	+1.5506	+0.0018	-48 46 15.4	-1.135	-0.225	.1	3	48 2217
847	8.3	13 1.41	1.6429	.0019	46 59 21.8	1.138	.238	.3	3	46 2278
848	8.8	13 7.23	1.5710	.0018	48 23 16.0	1.147	.228	.2	4	48 2220
849	9.0	13 10.61	1.4971	.0017	49 45 1.0	1.152	.217	.9	3	49 2135
850	9.0	13 58.67	1.6492	.0017	46 52 8.7	1.222	.239	.3	3	46 2292

812 doble. 824 s 30° \* 8.1 1' S. 827 p 30° \* 7.7 1' N.

No	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	No Obs.	Cord.
851	8.8	6 <sup>h</sup> 14 <sup>m</sup> 29. <sup>s</sup> 74	+1.6020	+0.0018	-47° 48' 18.3	-1.267	-0.233	.3	3	47° 22' 56
852	8.5	15 10.90	1.6066	.0017	47 43 18.0	1.327	.234	.1	3	47 22' 67
853	9.0	15 13.81	1.6107	.0017	47 38 29.5	1.331	.234	.0	3	47 22' 68
854	9.0	16 4.08	1.6264	.0017	47 20 25.9	1.404	.236	.1	2	47 22' 73
855	8.4	16 14.61	1.4024	.0014	51 24 51.7	1.420	.203	.1	2-3	51 18' 43
856	9.0	6 16 15.87	+1.5185	+0.0016	-49 23 18.7	-1.421	-0.220	.1	3	49 21' 69
857	8.7	16 18.16	1.4125	.0014	51 14 44.6	1.425	.205	.3	3	51 18' 44
858	9.0	16 18.46	1.4570	.0015	50 29 2.0	1.425	.211	.1	3	50 21' 59
859	8.7	16 34.76	1.5574	.0016	48 40 17.9	1.449	.226	.2	4	48 22' 42
860	7.0	16 43.41	1.5923	.0016	48 0 39.2	1.461	.231	.9	3	47 22' 80
861	7.8	6 17 11.39	+1.4662	+0.0014	-50 19 49.8	-1.502	-0.212	.3	3	50 21' 69
862	8.8	17 36.23	1.5734	.0016	48 22 48.1	1.538	.228	.3	3	48 22' 51
863	8.3	18 13.98	1.5844	.0015	48 10 33.9	1.593	.230	.1	3	48 22' 57
864	9.1	18 20.73	1.6242	.0016	47 24 2.6	1.603	.235	.1	4	47 22' 96
865	9.0	18 21.29	1.6355	.0016	47 10 52.9	1.604	.237	.1	3	47 22' 97
866	7.5	6 18 23.41	+1.5565	+0.0015	-48 42 21.2	-1.607	-0.225	.1	3	48 22' 59
867	7.8	18 47.02	1.5370	.0015	49 4 23.9	1.641	.222	.1	3	49 21' 88
868	8.8	18 55.78	1.6480	.0016	46 56 17.2	1.654	.239	.1	3	46 23' 45
869	7.0	19 6.51	1.3662	.0012	52 2 18.5	1.669	.198	.3	3	52 15' 34
870	9.0	19 56.31	1.5252	.0014	49 18 10.2	1.742	.221	.2	4	49 22' 03
871	8.7	6 20 5.30	+1.4694	+0.0013	-50 18 15.6	-1.755	-0.212	.9	3	50 21' 86
872	7.8	20 17.83	1.4173	.0010	51 12 15.9	1.773	.205	.3	3	51 18' 74
873	8.5	21 6.68	1.4835	.0012	50 4 1.0	1.844	.214	.3	3	50 21' 90
874	8.6	21 20.37	1.5121	.0013	49 33 20.3	1.864	.218	.1	3	49 22' 22
875	8.9	21 31.68	1.5674	.0014	48 32 8.0	1.880	.227	.1	4	48 22' 85
876*	9.0	6 21 46.88	+1.5521	+0.0013	-48 49 32.5	-1.902	-0.224	.1	2	48 22' 89
877	6.7	22 9.37	1.3618	.0009	52 8 40.4	1.935	.197	.1	3	52 15' 40
878	8.9	22 13.93	1.4774	.0012	50 11 18.1	1.941	.213	.1	2-3	50 21' 98
879	8.6	22 32.38	1.4602	.0011	50 29 36.7	1.968	.211	.1	3	50 22' 02
880*	8.6	22 57.51	1.4853	.0011	50 3 24.2	2.005	.214	.3	3	50 22' 04
881	8.8	6 23 6.79	+1.6524	+0.0014	-46 53 52.5	-2.018	-0.239	.0	3	46 23' 96
882	9.2	23 23.01	1.5345	.0012	49 10 15.6	2.042	.222	.9	3	49 22' 40
883	8.6	23 40.40	1.5134	.0011	49 33 42.7	2.067	.219	.3	3	49 22' 42
884	9.0	23 47.03	1.3840	.0008	51 48 4.5	2.077	.200	.3	3	51 18' 97
885	8.7	23 48.65	1.3614	.0008	52 10 16.5	2.079	.196	.1	3	52 15' 47
886	6.3	6 24 0.30	+1.5899	+0.0013	-48 8 14.4	-2.096	-0.230	.1	4	48 23' 08
887*	9.1	24 7.54	1.4253	.0009	51 5 47.7	2.105	.205	.1	3	51 19' 00
888	9.0	24 10.13	1.3660	.0008	52 6 1.9	2.110	.197	.1	3	52 15' 48
889	9.0	24 14.42	1.4974	.0010	49 51 25.3	2.116	.216	.1	3	49 22' 47
890	9.0	24 16.06	1.6130	.0013	47 41 34.2	2.119	.233	.1	2	47 23' 56
891	8.5	6 24 59.04	+1.6511	+0.0013	-46 56 52.7	-2.181	-0.238	.3	3	46 24' 21
892	8.5	25 24.43	1.6094	.0012	47 46 48.8	2.218	.232	.0	3	47 23' 67
893	8.6	25 50.63	1.6015	.0012	47 56 18.2	2.256	.231	.9	3	47 23' 70
894	8.9	26 46.78	1.5397	.0010	49 7 18.7	2.337	.222	.3	3	49 22' 66
895	8.8	27 3.43	1.5334	.0010	49 14 28.8	2.361	.221	.3	3	49 22' 69
896	8.9	6 27 3.57	+1.4895	+0.0009	-50 2 13.0	-2.361	-0.214	.1	3	49 22' 70
897	9.0	27 13.71	1.6272	.0012	47 27 27.2	2.376	.234	.1	4	47 23' 88
898*	9.0	28 12.15	1.4818	.0008	50 11 24.2	2.461	.213	.1	3	50 22' 40
899*	6.5	28 13.15	1.4817	.0008	50 11 33.0	2.462	.213	.1	3	50 22' 41
900	8.6	28 25.43	1.4960	.0008	49 56 32.1	2.480	.215	.1	3	49 22' 92

876 =  $\alpha$  1' N. 880 =  $\alpha$  1.5 N. 887 p 10<sup>s</sup> 2' N. 898 s 1<sup>s</sup> \* 5.6 0' 2 S. 899 p 1<sup>s</sup> \* 9.0 0' 2 N.

Nº	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs	Cord.
901	8.3	6 <sup>h</sup> 28 <sup>m</sup> 50 <sup>s</sup> .36	+1.5903	+0.0010	—48°11'58".5	— 2.516	—0.229	.1	2	48°23'40"
902	8.5	29 10.32	1.6411	.0011	47 12 35.9	2.545	.236	.3	3	47 24 11
903	7.8	29 37.04	1.5177	.0008	49 34 8.6	2.583	.218	.0	3	49 22 05
904	8.8	29 41.88	1.5101	.0008	49 42 25.8	2.590	.217	.9	3	49 22 07
905	6.0	29 47.13	1.3905	.0005	51 46 46.4	2.598	.200	.3	3	51 19 46
906	8.7	6 29 59.10	+1.6076	+0.0010	—47 53 3.2	— 2.615	—0.231	.3	3	47 24 23
907	8.6	30 3.75	1.3849	.0004	51 52 35.1	2.622	.199	.1	3-2	51 19 50
908	9.0	30 35.91	1.3982	.0004	51 39 52.2	2.668	.201	.1	4	51 19 54
909	9.2	30 51.30	1.4307	.0005	51 7 16.0	2.691	.205	.1	3	51 19 57
910	8.0	30 54.68	1.5978	.0009	48 5 21.9	2.696	.230	.1	3	48 23 57
911	8.4	6 31 14.06	+1.4714	+0.0006	—50 25 22.8	— 2.724	—0.211	.1	3	50 22 58
912	7.8	31 14.99	1.5771	.0008	48 29 29.4	2.725	.226	.1	2	48 23 61
913	8.5	31 45.78	1.3659	.0002	52 12 52.0	2.769	.196	.0	3	52 15 90
914	8.2	31 46.71	1.6314	.0010	47 26 47.0	2.771	.234	.3	3	47 24 41
915	7.8	32 49.82	1.5922	.0008	48 13 45.4	2.862	.228	.9	3	48 23 78
916	8.0	6 33 4.36	+1.6388	+0.0009	—47 19 21.8	— 2.883	—0.235	.3	3	47 24 56
917	8.8	33 11.09	1.4305	.0003	51 9 50.6	2.893	.205	.1	3	51 19 80
918	9.0	33 11.85	1.4939	.0005	50 3 30.8	2.894	.214	.3	3	50 22 90
919	8.4	33 53.06	1.6368	.0009	47 22 42.8	2.953	.235	.1	4	47 24 66
920	7.7	33 58.08	1.4844	.0004	50 14 30.2	2.960	.213	.1	3	50 22 95
921	9.1	6 33 58.76	+1.6444	+0.0009	—47 13 39.9	— 2.961	—0.236	.1	2-3	47 24 67
922	8.8	34 5.24	1.6088	.0008	47 55 56.8	2.971	.231	.1	3	47 24 68
923	8.0	34 9.07	1.5938	.0008	48 13 27.8	2.976	.228	.1	3	48 23 89
924	7.3	34 50.77	1.4838	.0004	50 16 8.8	3.036	.212	.3	3	50 23 00
925	8.5	34 56.58	1.5448	.0006	49 9 54.1	3.045	.221	.0	3	49 23 31
926	8.6	6 35 8.41	+1.4203	+0.0001	—51 22 25.5	— 3.062	—0.203	.9	3	51 19 98
927	8.6	35 29.22	1.4756	.0003	50 25 32.1	3.092	.211	.2	5	50 23 07
928	7.8	35 58.98	1.5293	.0005	49 28 12.6	3.135	.219	.1	3	49 23 44
929	9.0	36 29.56	1.6528	.0008	47 6 26.1	3.179	.236	.1	4	47 24 95
930*	8.7	36 52.72	1.5999	.0006	48 9 30.0	3.212	.228	.1	3	48 24 16
931*	6.2	6 36 53.58	+1.5998	+0.0006	—48 9 39.8	— 3.213	—0.228	.1	3	48 24 17
932	8.6	37 1.31	1.5739	.0006	48 39 34.9	3.224	.225	.1	3	48 24 20
933	8.6	37 34.64	1.4420	.0001	51 3 1.6	3.272	.206	.1	3	50 23 19
934	8.3	37 40.99	1.4525	.0001	50 52 20.4	3.281	.207	.3	3	50 23 20
935	8.4	38 18.49	1.5847	.0005	48 28 51.5	3.335	.226	.0	3	48 24 30
936	8.7	6 38 28.18	+1.6485	+0.0007	—47 14 3.7	— 3.349	—0.236	.9	3	47 25 16
937	7.7	39 1.32	1.6328	.0006	47 33 31.8	3.397	.233	.3	3	47 25 20
938	6.0	39 3.45	1.6302	+ .0005	47 36 41.4	3.400	.233	.3	3	47 25 21
939	8.6	39 11.97	1.4114	— .0001	51 35 15.3	3.412	.201	.1	3	51 20 28
940	8.9	40 9.71	1.5420	+ .0003	49 19 19.8	3.495	.220	.1	4	49 23 82
941	8.5	6 40 33.70	+1.4077	—0.0002	—51 41 41.2	— 3.529	—0.200	.1	3	51 20 42
942	7.5	41 12.53	1.4846	.0000	50 23 9.2	3.585	.211	.1	3	50 23 57
943	9.1	41 27.20	1.5716	+ .0003	48 47 55.8	3.606	.224	.1	3	48 24 68
944	8.0	41 29.61	1.6051	.0004	48 9 25.0	3.610	.228	.1	3	48 24 69
945	9.0	41 36.72	1.5935	.0004	48 23 1.2	3.620	.227	.3	3	48 24 71
946	8.8	6 41 36.76	+1.3900	—0.0004	—52 0 45.5	— 3.620	—0.198	.0	3	51 20 48
947	8.4	42 25.31	1.6641	+ .0006	47 0 29.1	3.689	.237	.9	3	46 26 40
948	9.0	43 11.62	1.4502	— .0002	51 1 52.3	3.756	.206	.3	3	50 23 74
949	8.0	43 22.65	1.6581	+ .0005	47 9 11.1	3.772	.236	.3	3	47 23 61
950	7.1	43 55.97	1.3861	— .0006	52 7 50.7	3.819	.196	.1	3	52 16 70

930 s 1° \* 5.7 o!1 S. 931 p 1° \* 8.0 o!1 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
951	9.0	6 <sup>h</sup> 44 <sup>m</sup> 30 <sup>s</sup> .98	+1.5151	0.0000	-49 <sup>o</sup> 54'58" <sup>7</sup>	- 3.869	-0.215	.1	3	49 <sup>o</sup> 24'20"
952	8.8	44 45.41	1.6363	+ .0004	47 37 16.5	3.890	.232	.1	3	47 2572
953	8.5	44 49.99	1.4469	- .0003	51 7 43.1	3.897	.205	.1	3	51 2071
954	8.0	44 58.60	1.6310	+ .0004	47 43 57.7	3.909	.231	.1	3	47 2574
955	6.5	45 19.00	1.4439	- .0004	51 11 30.1	3.938	.204	.1	3	51 2078
956	8.8	6 45 28.47	+1.6508	+0.0004	-47 21 4.2	- 3.952	-0.234	.5	4	47 2583
957	6.5	45 39 32	1.5930	.0002	48 29 28.5	3.967	.226	.0	3	48 2515
958	7.3	45 53.70	1.6575	.0004	47 13 34.3	3.988	.235	.9	3	47 2588
959	8.2	46 10.12	1.5676	.0001	48 59 9.6	4.011	.222	.3	3	48 2519
960	8.9	46 36.21	1.6425	.0004	47 32 44.0	4.048	.233	.3	3	47 2597
961	8.3	6 47 13.96	+1.6191	+0.0002	-48 1 26.8	- 4.102	-0.229	.1	3	47 2608
962	8.8	47 23.85	1.5025	.0000	49 6 49.0	4.115	.221	.1	4	49 2446
963	8.7	47 47.21	1.4184	- .0007	51 41 11.7	4.149	.200	.1	3	51 2102
964	8.8	48 6.02	1.4658	.0004	50 52 56.9	4.175	.207	.1	3	50 2412
965	9.0	48 15.32	1.5118	.0003	50 4 14.0	4.189	.214	.1	3	50 2414
966	3.0	6 48 19.35	+1.4858	-0.0004	-50 32 10.6	- 4.195	-0.210	.1	3	50 2415
967	7.7	48 27.87	1.5804	.0000	48 48 15.9	4.207	.224	.5	4	48 2544
968	7.8	49 19.17	1.6609	+ .0003	47 14 53.2	4.280	.235	.0	3	47 2628
969	8.4	49 46.16	1.5605	- .0001	49 12 51.1	4.318	.220	.3	3	49 2465
970	9.1	49 46.89	1.6404	+ .0003	47 40 14.4	4.319	.232	.3	3	47 2639
971	7.0	6 49 47.64	+1.6129	+0.0001	-48 12 47.6	- 4.320	-0.228	.9	3	48 2556
972	9.0	49 59.89	1.5768	.0000	48 54 52.5	4.338	.222	.1	3	48 2560
973	8.8	51 41.28	1.4178	- .0009	51 48 7.6	4.482	.199	.1	4	51 2139
974	9.0	52 10.33	1.5416	.0003	49 37 58.8	4.523	.217	.1	3	49 2487
975	8.9	52 16.54	1.4454	.0008	51 20 58.5	4.532	.203	.1	3	51 2147
976	8.9	6 52 17.79	+1.4100	-0.0010	-51 56 58.4	- 4.534	-0.198	.1	3	51 2149
977	6.7	52 25.67	1.4924	.0006	50 31 56.0	4.545	.210	.1	3	50 2458
978	8.6	53 2.08	1.3991	.0011	52 9 8.5	4.597	.196	.3	3	52 1733
979	8.8	54 14.60	1.5249	.0005	50 0 0.2	4.699	.214	.0	3	49 2513
980	5.5	54 32.07	1.5982	.0002	48 38 4.4	4.724	.224	.9	3	48 2601
981	9.8	6 54 32.44	+1.5844	-0.0003	-48 54 0.2	- 4.725	-0.222	.4	2	48 2603
982	8.5	55 10.57	1.4745	.0008	50 55 41.4	4.779	.207	.3	3	50 2477
983	8.9	55 11.92	1.4893	.0008	50 40 7.4	4.781	.209	.1	3	50 2478
984	8.8	55 22.98	1.5275	.0006	49 59 13.5	4.796	.214	.1	4	49 2527
985	8.8	55 30.61	1.5943	.0002	48 44 21.5	4.807	.223	.1	3	48 2608
986	8.7	6 55 46.32	+1.4764	-0.0009	-50 54 47.2	- 4.829	-0.207	.1	3	50 2481
987	8.9	56 10.55	1.6316	.0001	48 1 59.2	4.864	.228	.1	3	47 2710
988	7.0	56 14.34	1.5788	.0004	49 3 28.3	4.869	.221	.1	3	48 2615
989	8.3	56 40.62	1.5239	- .0006	50 5 28.4	4.907	.213	.5	4	50 2489
990	6.8	57 10.31	1.6877	+ .0001	46 55 57.0	4.948	.236	.0	3	46 2811
991	7.0	6 58 40.71	+1.5837	-0.0004	-49 2 30.4	- 5.076	-0.221	.9	3	48 2648
992	5.7	59 16.74	1.4600	.0011	51 18 32.0	5.126	.204	.3	3	51 2224
993	8.2	59 23.36	1.5545	.0006	49 36 51.7	5.136	.217	.3	3	49 2565
994	8.8	59 27.69	1.4232	.0014	51 56 38.1	5.142	.198	.1	3	51 2228
995	7.9	59 39.88	1.5137	.0009	50 22 20.7	5.159	.211	.1	4	50 2520
996	8.0	7 0 23.13	+1.6403	-0.0002	-47 59 47.2	- 5.220	-0.229	.1	3	47 2761
997	8.0	0 26.34	1.5943	.0004	48 53 53.2	5.224	.222	.1	3	48 2669
998	8.1	0 28.33	1.5173	.0009	50 20 3.7	5.227	.211	.1	3	50 2530
999	8.0	0 45.33	1.5377	.0008	49 58 14.5	5.251	.214	.1	3	49 2572
1000	6.8	1 5.24	1.5459	.0007	49 49 54.1	5.279	.215	.0	3	49 2577

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1001	8.6	7 1 54.74	+1.6594	-0.0002	-47°40' 1.2	- 5.349	-0.231	.3	3	47°2770
1002	9.0	2 1.48	1.6567	.0002	47 43 29.4	5.358	.230	.9	3	47 2771
1003	5.5	2 12.14	1.5663	.0007	49 29 16.5	5.373	.218	.3	3	49 2587
1004	7.8	2 16.36	1.5080	.0010	50 33 45.8	5.379	.209	.3	3	50 2548
1005	8.0	2 48.30	1.5250	.0009	50 16 23.8	5.424	.212	.1	3	50 2553
1006	8.5	7 3 25.69	+1.5956	-0.0005	-48 58 26.2	- 5.477	-0.221	.1	3	48 2696
1007*	8.9	3 26.71	1.6660	.0002	47 35 10.5	5.478	.231	.1	4	47 2792
1008	7.4	3 37.21	1.5273	.0010	50 15 36.6	5.493	.211	.1	3	50 2561
1009	9.0	3 42.64	1.5439	.0009	49 57 28.6	5.500	.214	.1	3	49 2604
1010*	8.8	3 42.68	1.6656	.0002	47 36 9.6	5.500	.231	.1	3	47 2795
1011	9.0	7 3 49.19	+1.5543	-0.0008	-49 46 11.7	- 5.509	-0.215	.3	3	49 2605
1012*	9.0	3 50.48	1.6086	.0005	48 44 20.4	5.511	.223	.0	3	48 2704
1013	9.0	3 59.53	1.4706	.0013	51 17 0.5	5.524	.204	.9	3	51 2287
1014	8.5	4 12.50	1.5037	.0011	50 42 20.4	5.542	.208	.3	3	50 2566
1015	9.1	4 32.90	1.6253	.0007	48 26 16.4	5.571	.225	.3	3	48 2713
1016	9.0	7 4 37.59	+1.4589	-0.0015	-51 30 34.9	- 5.577	-0.202	.1	3	51 2295
1017	8.8	4 40.26	1.5599	.0008	49 41 38.8	5.581	.216	.1	4	49 2612
1018	8.7	5 9.94	1.4777	.0013	51 12 3.4	5.622	.204	.1	2	51 2300
1019	8.8	5 18.25	1.5159	.0011	50 31 35.1	5.634	.210	.1	3	50 2577
1020	6.5	5 39.81	1.4403	.0016	51 51 56.2	5.664	.199	.1	3	51 2306
1021	7.8	7 5 55.26	+1.4269	-0.0017	-52 6 6.6	- 5.686	-0.197	.1	3	52 1829
1022	8.7	6 11.09	1.6091	.0006	48 48 46.2	5.708	.222	.3	3	48 2733
1023	8.7	6 31.14	1.6641	.0003	47 44 8.0	5.736	.230	.0	3	47 2826
1024	9.0	6 35.36	1.6799	.0002	47 24 57.8	5.742	.232	.9	3	47 2827
1025	8.4	6 41.89	1.5478	.0010	49 59 39.6	5.751	.214	.3	3	49 2637
1026	9.1	7 7 14.39	+1.5957	-0.0007	-49 6 42.6	- 5.796	-0.220	.3	3	49 2641
1027	8.9	7 15.98	1.4329	.0018	52 2 59.4	5.799	.197	.0	3	51 2325
1028	8.8	7 25.52	1.4206	.0019	52 15 47.4	5.812	.196	.1	4	52 1837
1029	8.9	7 36.28	1.5759	.0009	49 30 9.4	5.827	.217	.1	3	49 2645
1030	9.0	7 37.07	1.5562	.0010	49 52 20.3	5.828	.214	.1	3	49 2646
1031	9.0	7 7 43.35	+1.5640	-0.0009	-49 43 48.7	- 5.837	-0.216	.1	3	49 2648
1032	8.7	7 45.01	1.4534	.0016	51 43 2.0	5.839	.200	.1	3	51 2332
1033	8.4	7 58.44	1.5376	.0014	50 13 45.8	5.858	.212	.3	3	50 2609
1034	8.6	8 15.36	1.5332	.0012	50 19 12.3	5.882	.211	.0	3	50 2612
1035	8.9	8 24.21	1.6895	.0003	47 17 17.7	5.894	.233	.9	3	47 2843
1036	8.9	7 8 43.45	+1.6368	-0.0005	-48 21 59.5	- 5.921	-0.225	.3	3	48 2763
1037	5.8	9 2.64	1.6140	.0007	48 49 36.6	5.947	.222	.3	3	48 2765
1038	8.0	9 48.36	1.5894	.0009	49 19 44.5	6.011	.218	.1	3	49 2676
1039	8.6	10 4.29	1.4887	.0016	51 11 20.4	6.033	.204	.1	4	51 2352
1040	8.8	10 17.79	1.4477	.0019	51 54 36.1	6.052	.202	.1	3	51 2353
1041	8.5	7 10 31.96	+1.6042	-0.0008	-49 4 29.5	- 6.072	-0.220	.1	3	48 2782
1042	8.3	10 41.43	1.5971	.0009	49 12 57.6	6.085	.219	.1	3	49 2685
1043	7.8	10 44.03	1.5710	.0010	49 42 50.5	6.088	.216	.1	3	49 2686
1044	7.9	10 49.42	1.5446	.0012	50 12 32.6	6.096	.212	.3	3	50 2634
1045	7.8	11 8.20	1.4961	.0015	51 6 0.4	6.122	.205	.0	3	51 2360
1046	8.6	7 11 18.01	+1.6263	-0.0007	-48 40 27.2	- 6.135	-0.223	.9	3	48 2793
1047	9.0	11 32.99	1.4945	.0016	51 8 41.7	6.156	.205	.4	2	51 2364
1048	8.2	12 10.18	1.5683	.0011	49 49 23.3	6.208	.215	.1	3	49 2698
1049	7.9	12 11.08	1.6526	.0006	48 11 14.8	6.209	.226	.3	3	48 2803
1050	7.6	12 18.00	1.5397	.0013	50 21 30.6	6.219	.211	.1	4	50 2644

1007 s 17\* \* 8.3 1' S. 1010 p 17\* \* 5.0 0.1 N. 1012 s 6\* 0.1 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1051	8.6	7 <sup>h</sup> 12 <sup>m</sup> 45. <sup>s</sup> 23	+1.7106	-0.0003	-47° 1' 15".1	-6.256	-0.234	.1	3	46° 2999
1052	5.0	12 50.55	1.6554	.0006	48 9 26.6	6.264	.226	.1	3	48 2807
1053	9.0	13 27.33	1.5837	.0010	49 34 59.3	6.315	.216	.1	3	49 2708
1054	8.0	13 42.12	1.6592	.0006	48 7 1.4	6.335	.227	.1	3	48 2814
1055	7.7	13 57.76	1.5420	.0014	50 22 58.3	6.357	.210	.3	3	50 2660
1056*	9.0	7 14 29.83	+1.6579	-0.0006	-48 10 36.4	-6.401	-0.226	.0	3	48 2822
1057*	8.9	14 35.44	1.6563	.0006	48 12 42.5	6.409	.226	.9	3	48 2823
1058	8.0	14 37.84	1.5678	.0012	49 55 52.8	6.412	.214	.3	3	49 2725
1059	9.0	15 15.71	1.5557	.0013	50 11 3.3	6.464	.212	.3	3	50 2668
1060	9.1	15 19.47	1.5597	.0013	50 6 43.2	6.470	.212	.1	3	50 2669
1061	8.9	7 15 45.05	+1.6569	-0.0007	-48 14 58.0	-6.505	-0.226	.1	4	48 2842
1062	8.5	16 25.68	1.6229	.0009	48 57 13.1	6.521	.221	.1	3	48 2853
1063	8.3	16 33.48	1.5181	.0017	50 55 40.0	6.572	.206	.1	3	50 2680
1064	8.6	16 35.16	1.4623	.0021	51 54 46.3	6.574	.198	.1	3	51 2422
1065	9.0	17 29.21	1.5479	.0015	50 25 22.6	6.648	.210	.1	3	50 2690
1066	7.5	7 17 33.88	+1.5783	-0.0012	-49 51 31.3	-6.654	-0.214	.0	3	49 2757
1067	8.3	17 35.08	1.7166	.0004	47 5 59.0	6.656	.233	.3	3	46 3007
1068	8.8	18 38.60	1.6111	.0011	49 16 45.5	6.744	.218	.9	3	49 2770
1069*	7.3	18 47.31	1.4516	.0023	52 11 27.1	6.756	.196	.3	3	52 1934
1070*	8.5	18 47.74	1.4518	.0023	52 11 17.8	6.756	.196	.2	3	52 1935
1071	9.0	7 18 55.67	+1.7259	-0.0004	-46 57 48.4	-6.767	-0.234	.1	3	46 3089
1072	5.5	19 3.60	1.4656	.0022	51 57 44.3	6.778	.198	.1	3	51 2445
1073	8.9	19 4.10	1.6571	.0008	48 23 25.6	6.779	.224	.1	4	48 2884
1074	7.6	19 4.29	1.4591	.0023	52 4 30.0	6.779	.197	.1	3	51 2446
1075	7.7	19 12.39	1.5047	.0019	51 16 53.0	6.790	.203	.1	3	51 2447
1076	8.8	7 19 19.44	+1.5386	-0.0016	-50 40 26.0	-6.800	-0.208	.1	2	50 2707
1077	7.5	19 21.91	1.5357	.0016	50 43 48.9	6.803	.208	.3	3	50 2708
1078	9.0	19 24.92	1.4792	.0021	51 44 26.4	6.807	.200	.0	3	51 2450
1079*	7.8	19 34.52	1.6576	.0008	48 24 9.8	6.820	.224	.9	3	48 2890
1080*	8.9	19 35.33	1.6573	.0008	48 24 31.4	6.822	.224	.3	3	48 2891
1081	8.9	7 19 50.90	+1.6138	-0.0011	-49 16 51.3	-6.843	-0.218	.3	3	49 2784
1082	9.0	19 59.01	1.6684	.0007	48 12 13.6	6.854	.226	.1	3	48 2897
1083	8.1	20 34.88	1.6187	.0011	49 13 4.7	6.903	.219	.1	4	49 2788
1084	9.0	21 5.42	1.7288	.0004	47 0 2.0	6.945	.233	.1	3	46 3116
1085	9.0	21 25.36	1.6374	.0010	48 53 19.0	6.972	.221	.1	3	48 2911
1086	9.0	7 21 33.09	+1.6784	-0.0007	-48 4 16.1	-6.983	-0.226	.1	3	47 3023
1087	8.8	21 37.59	1.6749	.0007	48 8 47.6	6.989	.226	.1	3	48 2912
1088	8.1	21 40.68	1.6906	.0006	47 49 37.4	6.993	.228	.3	3	47 3026
1089	8.9	22 52.16	1.5302	.0018	50 59 18.9	7.091	.206	.9	3	50 2738
1090	9.0	22 55.21	1.6027	.0013	49 38 9.5	7.095	.215	.0	3	49 2820
1091	8.8	7 23 4.53	+1.7340	-0.0004	-46 58 52.7	-7.107	-0.233	.3	3	46 3144
1092	8.5	23 11.39	1.5113	.0020	51 20 40.6	7.117	.203	.3	3	51 2485
1093	8.8	23 27.50	1.5963	.0013	49 46 58.3	7.139	.214	.1	3	49 2826
1094	8.1	24 15.92	1.7054	.0006	47 38 31.8	7.205	.229	.1	4	47 3052
1095	7.9	24 16.44	1.6864	.0008	48 2 9.9	7.205	.227	.1	3	47 3053
1096	9.1	7 24 22.00	+1.5938	-0.0014	-49 52 28.2	-7.213	-0.214	.1	3	49 2839
1097*	9.1	24 29.13	1.6243	.0012	49 17 26.0	7.223	.218	.1	3	49 2841
1098	5.5	24 41.80	1.5405	.0018	50 53 11.8	7.240	.206	.1	3	50 2761
1099	8.9	25 28.59	1.4694	.0025	52 11 16.5	7.304	.196	.3	3	52 1978
1100	8.1	25 29.52	1.7079	.0006	47 38 58.6	7.305	.229	.5-.3	2-3	47 3068

1056 s 6" \* 8.7 2' S. 1057 p 6" \* 9.0 2' N. 1069 s 1" \* 8.7 =  $\delta$ . 1070 p 1" \* 7.3 =  $\delta$ . 1079 s 1" \* 8.7 0!7 S.  
 1080 p 1" \* 7.8 0!7 N. 1097 p 9" 1!5 N.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1101	9.0	7 <sup>h</sup> 25 <sup>m</sup> 30. <sup>s</sup> 39	+1.5682	-0.0016	-50°24'44".6	-7.306	-0.210	.0	3	50°2770
1102	9.0	25 31.71	1.5787	.0016	50 12 57.5	7.308	.211	.9	3	50 2771
1103	9.0	25 41.90	1.7408	.0005	46 57 43.5	7.322	.233	.1	3	46 3172
1104	8.0	25 48.54	1.5223	.0020	51 16 7.9	7.331	.204	.3	3	51 2507
1105	7.5	25 50.56	1.7262	.0005	47 16 49.2	7.333	.231	.1	4	47 3072
1106	7.8	7 26 6.23	+1.7412	-0.0004	-46 58 27.2	-7.355	-0.233	.1	3	46 3179
1107	9.0	26 28.98	1.6244	.0012	49 23 9.4	7.385	.217	.1	3	49 2861
1108	8.4	26 30.86	1.6601	.0010	48 40 41.7	7.388	.222	.1	3	48 2971
1109	8.8	27 23.70	1.6422	.0011	49 4 45.4	7.460	.219	.1	3	48 2981
1110	8.0	27 49.36	1.4727	.0026	52 14 37.9	7.494	.196	.3	3	52 1993
1111*	8.7	7 27 59.13	+1.5404	-0.0020	-51 2 51.3	-7.507	-0.205	.0	3	50 2791
1112*	8.0	28 16.73	1.5401	.0020	51 3 58.2	7.531	.205	.9	3	50 2796
1113	8.8	28 24.80	1.5002	.0023	51 47 28.7	7.542	.199	.3	3	51 2532
1114	9.0	28 33.93	1.7298	.0006	47 20 21.4	7.554	.230	.3	3	47 3099
1115	7.5	28 46.30	1.5736	.0017	50 28 16.3	7.571	.209	.1	3	50 2803
1116	7.7	7 29 9.86	+1.5451	-0.0020	-51 1 11.2	-7.603	-0.205	.1	4	50 2809
1117	8.9	30 35.28	1.6182	.0014	49 42 41.7	7.718	.214	.1	3	49 2901
1118	9.0	30 58.46	1.6518	.0012	49 4 14.9	7.749	.219	.1	3	48 3023
1119	9.0	31 31.97	1.5210	.0023	51 34 37.1	7.794	.201	.1	3	51 2555
1120	6.9	31 44.44	1.5832	.0018	50 26 31.5	7.811	.209	.1	3	50 2835
1121	8.5	7 32 4.78	+1.6275	-0.0014	-49 36 30.1	-7.838	-0.215	.6	3	49 2914
1122	9.1	32 7.14	1.4998	.0025	51 59 5.3	7.841	.198	.9	3	51 2562
1123	8.8	32 10.90	1.7545	.0005	46 59 48.1	7.847	.231	.0	3	46 3243
1124*	8.4	32 26.49	1.5715	.0019	50 41 53.3	7.867	.207	.3	3	50 2841
1125	8.0	32 59.63	1.5388	.0022	51 19 49.7	7.912	.203	.3	3	51 2571
1126	8.6	7 33 42.10	+1.6280	-0.0014	-49 41 5.2	-7.969	-0.214	.1	3	49 2927
1127	8.9	33 51.05	1.4869	.0027	52 18 7.0	7.981	.195	.1	4	52 2043
1128	7.0	33 58.46	1.7584	.0005	47 0 35.5	7.991	.232	.1	3	46 3271
1129	9.0	34 5.15	1.5916	.0018	50 24 24.3	8.000	.209	.1	3	50 2864
1130	8.1	34 9.05	1.6237	.0015	49 47 32.2	8.005	.214	.1	3	49 2931
1131*	8.5	7 34 22.62	+1.6791	-0.0011	-48 42 2.2	-8.023	-0.221	.1	3	48 3065
1132	8.2	34 28.88	1.7557	.0005	47 5 45.1	8.031	.231	.6	3	46 3277
1133*	7.0	34 54.69	1.6814	.0011	48 40 59.0	8.067	.221	.0	3	48 3069
1134	9.0	35 2.94	1.7624	.0005	46 58 48.6	8.077	.232	.9	2	46 3290
1135	8.7	35 25.72	1.4964	.0027	52 13 5.7	8.107	.196	.3	3	52 2049
1136	8.7	7 35 51.38	+1.5503	-0.0022	-51 16 21.2	-8.141	-0.203	.3	3	51 2601
1137	6.5	36 27.94	1.6968	.0010	48 27 7.5	8.190	.222	.1	3	48 3091
1138	7.8	36 31.84	1.5401	.0023	51 29 44.8	8.195	.201	.1	4	51 2606
1139	8.3	36 33.55	1.7394	.0007	47 33 43.4	8.197	.228	.1	3	47 3193
1140	8.9	37 1.42	1.7282	.0008	47 49 33.8	8.234	.226	.1	3	47 3199
1141	7.7	7 37 8.09	+1.5992	-0.0018	-50 25 40.0	-8.243	-0.209	.1	3	50 2897
1142	8.5	37 11.48	1.5728	.0020	50 55 46.1	8.248	.205	.1	3	50 2899
1143	7.5	37 27.76	1.6776	.0011	48 54 3.3	8.269	.219	.0	3	48 3102
1144	9.0	37 35.65	1.6202	.0016	50 2 52.8	8.280	.212	.3	3	49 2973
1145	8.8	37 37.71	1.7498	.0006	47 23 50.3	8.283	.229	.9	3	47 3205
1146	9.0	7 37 57.78	+1.5850	-0.0019	-50 44 35.1	-8.309	-0.206	.3	3	50 2906
1147	9.0	38 7.30	1.6608	.0013	49 16 36.8	8.322	.217	.3	3	49 2976
1148	8.8	38 11.45	1.6026	.0018	50 25 13.8	8.327	.209	.1	3	50 2908
1149	9.0	38 15.52	1.6377	.0015	49 44 39.0	8.333	.214	.1	2	49 2980
1150	8.7	38 18.87	1.7061	.0009	48 21 42.4	8.337	.223	.1	3	48 3113

1111 s 18°\*8.0 1' N. 1112 p 18°\*8.6 1' S. 1124 { p 10°\*9.1 1'5 S.  
p 3°\*9.1 0'8 S. 1131 s 32°\*6.1 1' N. 1133 p 32°\*8.7 1' S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1151	8.6	7 <sup>h</sup> 39 <sup>m</sup> 5 <sup>s</sup> .56	+1.6502	-0.0014	-49°32'39".7	- 8.399	-0.215	.1	3	49°29'86
1152	7.5	39 8.03	1.7407	.0007	47 40 40.7	8.402	.227	.1	3	47 3225
1153	8.9	39 18.50	1.5770	.0020	50 58 12.6	8.416	.205	.1	3	50 2916
1154	9.0	40 32.45	1.7035	.0010	48 32 37.0	8.514	.221	.0	2	48 3135
1155	9.0	40 56.42	1.6829	.0012	48 59 31.9	8.546	.218	.0	3	48 3139
1156	7.8	7 41 20.26	+1.6420	-0.0015	-49 50 11.8	- 8.577	-0.213	.9	3	49 3014
1157	7.9	41 42.64	1.5278	.0026	52 0 36.9	8.607	.198	.3	3	51 2650
1158	8.8	42 9.22	1.5270	.0026	52 2 55.4	8.641	.197	.3	3	51 2654
1159*	7.0	42 27.87	1.6216	.0017	50 18 5.4	8.666	.209	.1	3	50 2947
1160*	7.8	42 31.86	1.6213	.0017	50 18 40.9	8.671	.209	.1	4-3	50 2948
1161	8.0	7 42 35.26	+1.5517	-0.0024	-51 37 37.2	- 8.676	-0.200	.1	3	51 2656
1162	9.0	43 17.63	1.6772	.0012	49 14 49.0	8.731	.216	.1	3	49 3042
1163	7.8	43 17.65	1.7011	.0011	48 45 22.4	8.731	.219	.1	3	48 3166
1164	8.3	43 21.00	1.6331	.0016	50 7 44.7	8.736	.210	.1	3	49 3044
1165	8.1	43 41.74	1.7649	.0006	47 25 31.5	8.763	.228	.3	3	47 3284
1166	8.8	7 43 46.84	+1.5780	-0.0022	-51 12 34.9	- 8.770	-0.203	.0	3	51 2675
1167	8.2	43 50.63	1.7295	.0008	48 11 45.2	8.775	.223	.9	3	48 3176
1168	9.0	44 13.01	1.6738	.0013	49 22 16.2	8.804	.215	.3	3	49 3053
1169	9.0	44 18.97	1.7618	.0006	47 31 46.0	8.812	.227	.3	3	47 3295
1170	6.8	44 27.15	1.5705	.0023	51 23 25.2	8.823	.202	.1	3	51 2684
1171	6.6	7 44 34.46	+1.6891	-0.0012	-49 4 51.4	- 8.832	-0.217	.1	4-3	48 3181
1172	7.9	44 50.62	1.7438	.0008	47 57 4.2	8.853	.224	.1	3	47 3303
1173	7.7	44 56.10	1.6014	.0020	50 50 12.8	8.860	.206	.1	3	50 2971
1174	7.4	45 11.00	1.6441	.0016	50 1 22.5	8.880	.211	.1	3	49 3062
1175	8.0	45 17.38	1.5297	.0027	52 11 8.2	8.888	.196	.1	3	52 2114
1176	8.0	7 46 8.72	+1.6685	-0.0014	-49 35 47.4	- 8.955	-0.214	.3	3	49 3069
1177	8.5	46 13.04	1.7861	.0004	47 6 44.8	8.961	.229	.0	3	46 3446
1178	8.9	46 14.60	1.5708	.0023	51 29 35.0	8.963	.201	.9	3	51 2701
1179	9.0	46 28.59	1.6748	.0013	49 29 20.0	8.981	.214	.3	3	49 3076
1180	8.8	46 38.17	1.7526	.0007	47 52 19.6	8.994	.224	.3	3	47 3331
1181	9.1	7 47 10.99	+1.7193	-0.0010	-48 36 56.8	- 9.036	-0.219	.1	3	48 3223
1182	8.8	47 17.90	1.7435	.0008	48 6 36.0	9.045	.223	.1	3	47 3336
1183	8.3	48 9.92	1.6214	.0019	50 39 8.1	9.113	.207	.1	3	50 3001
1184	6.6	48 37.80	1.6388	.0017	50 20 31.9	9.149	.209	.1	3	50 3004
1185	8.7	48 38.29	1.7469	.0008	48 7 21.4	9.150	.223	.1	3	47 3353
1186	8.2	7 48 47.86	+1.7355	-0.0009	-48 22 34.8	- 9.162	-0.221	.1	3	48 3244
1187	7.8	49 7.81	1.7647	.0006	47 46 9.0	9.188	.225	.0	3	47 3362
1188	8.7	49 9.41	1.7890	.0004	47 14 4.1	9.190	.228	.3	3	47 3361
1189	7.9	49 17.14	1.7977	.0004	47 2 56.0	9.200	.229	.9	3	46 3491
1190	9.1	49 29.99	1.7106	.0010	48 56 41.5	9.217	.217	.3	3	48 3253
1191	8.7	7 49 34.69	+1.6458	-0.0016	-50 15 47.4	- 9.223	-0.209	.1	3	50 3012
1192	8.9	49 38.90	1.7147	.0010	48 52 6.3	9.228	.217	.3	3	48 3257
1193	8.5	50 11.47	1.7244	.0010	48 41 59.0	9.270	.219	.1	3	48 3264
1194	8.8	50 21.47	1.6650	.0015	49 55 52.8	9.283	.211	.1	3	49 3128
1195	9.0	50 25.50	1.7338	.0009	48 30 58.3	9.289	.220	.1	3	48 3270
1196	9.0	7 50 28.34	+1.8007	-0.0004	-47 3 33.3	- 9.292	-0.228	.1	2	46 3508
1197	8.8	50 29.89	1.7934	.0004	47 13 22.8	9.294	.227	.1	3	47 3384
1198	8.8	50 30.00	1.6784	.0014	49 40 11.3	9.294	.213	.3	3	49 3130
1199	9.0	50 51.03	1.7655	.0006	47 51 40.9	9.321	.224	.0	3	47 3391
1200*	9.0	50 58.82	1.6905	.0013	49 27 21.4	9.332	.214	.9	3	49 3135

1159 s 4\* \* 7.9 o'6 S. 1160 p 4\* \* 7.0 o'6 N. 1200 s 15\* \* 5.0 o'8 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1201*	9.0	7 <sup>h</sup> 51 <sup>m</sup> 0 <sup>s</sup> .83	+1.5913	-0.0022	-51°24' 21".9	-9.334	-0.202	.3	3	51°27'42"
1202*	8.9	51 0.90	1.5923	.0022	51 23 15.5	9.334	.201	.3	3	51 27'41"
1203	7.0	51 3.33	1.6461	.0017	50 21 6.8	9.337	.208	.1	3	50 30'22"
1204*	4.9	51 13.71	1.6919	.0013	49 26 34.6	9.351	.214	.1	3	49 31'37"
1205	8.7	51 22.24	1.6846	.0013	49 36 4.5	9.362	.213	.1	2	49 31'41"
1206	5.1	7 51 23.50	+1.7639	-0.0007	-47 55 56.9	-9.363	-0.223	.1	3	47 33'96"
1207	8.9	51 56.52	1.6291	.0019	50 44 35.5	9.406	.206	.1	3	50 30'30"
1208	9.0	52 25.09	1.8030	.0004	47 8 6.1	9.443	.228	.1	3	46 35'55"
1209	8.6	52 30.65	1.5600	.0026	52 5 7.4	9.450	.196	.3	3	51 27'57"
1210	7.6	52 36.10	1.6689	.0015	49 59 56.1	9.457	.210	.0	3	49 31'65"
1211*	9.0	7 52 38.64	+1.6930	-0.0013	-49 30 48.9	-9.460	-0.213	.9	3	49 31'67"
1212*	8.9	53 1.44	1.6943	.0013	49 30 44.7	9.489	.213	.3	3	49 31'75"
1213	8.8	53 2.33	1.6507	.0017	50 23 29.2	9.490	.208	.3	3	50 30'41"
1214	7.5	53 26.64	1.8058	.0004	47 8 22.7	9.522	.228	.1	3	46 35'72"
1215	8.5	54 11.71	1.8080	.0004	47 8 31.4	9.579	.227	.1	3	46 35'88"
1216	9.0	7 54 12.03	+1.7310	-0.0010	-48 49 34.3	-9.580	-0.218	.1	3	48 33'18"
1217	9.2	54 19.11	1.5989	.0022	51 28 40.5	9.589	.200	.1	3	51 27'68"
1218	9.0	54 22.33	1.7667	.0007	48 4 12.1	9.593	.222	.1	3	47 34'36"
1219	7.5	54 26.56	1.6158	.0021	51 9 50.2	9.599	.203	.1	3	51 27'69"
1220	7.8	54 31.26	1.6847	.0014	49 48 25.7	9.605	.212	.3	3	49 32'01"
1221	8.3	7 54 50.39	+1.8032	-0.0004	-47 17 36.7	-9.629	-0.227	.0	3	47 34'42"
1222	8.6	54 55.25	1.7499	.0008	48 28 13.6	9.630	.220	.9	3	48 33'32"
1223	8.1	55 7.26	1.7214	.0010	49 5 21.2	9.651	.216	.3	3	48 33'34"
1224	9.1	55 23.41	1.6323	.0019	50 54 32.7	9.671	.204	.1	3	50 30'64"
1225	8.0	55 24.00	1.7861	.0005	47 42 52.4	9.672	.224	.3	3	47 34'57"
1226	7.9	7 56 16.46	+1.5718	-0.0026	-52 6 59.8	-9.739	-0.196	.1	3	51 27'80"
1227	5.5	56 22.22	1.7265	.0010	49 4 3.4	9.746	.216	.1	3	48 33'49"
1228	8.8	56 33.11	1.8119	.0003	47 12 51.8	9.760	.226	.1	3	47 34'72"
1229	6.5	56 36.65	1.6178	.0021	51 16 18.1	9.765	.202	.1	3	51 27'84"
1230	8.9	56 49.90	1.7793	.0006	47 57 44.7	9.781	.222	.1	3	47 34'79"
1231	7.6	7 56 53.39	+1.8001	-0.0004	-47 30 17.0	-9.786	-0.225	.3	3	47 34'80"
1232*	7.0	57 5.73	1.7694	.0007	48 11 53.0	9.802	.221	.0	4	48 33'61"
1233	8.9	57 20.78	1.7259	.0010	49 8 52.7	9.821	.215	.9	3	48 33'66"
1234*	7.8	57 22.16	1.6947	.0013	49 47 53.8	9.822	.211	.3	3	49 32'43"
1235*	8.0	57 23.39	1.6949	.0013	49 47 42.1	9.824	.211	.3	3	49 32'44"
1236	7.8	7 57 25.05	+1.6199	-0.0021	-51 17 13.8	-9.826	-0.202	.1	3	51 27'91"
1237	8.9	57 30.14	1.7362	.0010	48 56 28.3	9.833	.216	.1	3	48 33'69"
1238	9.0	57 34.04	1.5839	.0025	51 58 48.6	9.837	.197	.1	3	51 27'95"
1239*	8.6	57 43.62	1.7726	.0006	48 10 25.9	9.850	.221	.1	2	48 33'74"
1240	7.8	57 46.31	1.7760	.0006	48 6 0.3	9.853	.221	.1	3	47 34'90"
1241	7.3	7 57 47.67	+1.8197	-0.0003	-47 7 27.2	-9.855	-0.227	.1	3	46 36'55"
1242	8.3	58 11.96	1.7486	.0008	48 43 32.4	9.886	.217	.3	3	48 33'81"
1243	6.6	58 21.45	1.7456	.0009	48 48 8.2	9.898	.216	.0	3	48 33'84"
1244	8.8	58 32.18	1.6944	.0012	49 53 10.4	9.911	.210	.3	3	49 32'62"
1245*	8.7	58 34.44	1.6636	.0017	50 30 39.0	9.914	.206	.9	3	50 30'98"
1246	6.0	7 58 35.14	+1.7515	-0.0008	-48 41 29.1	-9.915	-0.218	.1	3	48 33'88"
1247*	8.8	58 51.94	1.8007	.0004	47 37 50.0	9.936	.124	.1	3	47 35'06"
1248	9.2	59 8.04	1.6148	.0022	51 30 12.0	9.957	.200	.1	3	51 28'05"
1249	8.7	59 13.61	1.8168	.0003	47 17 30.1	9.964	.225	.1	3	47 35'11"
1250	8.7	59 16.52	1.8223	.0003	47 10 14.2	9.967	.226	.1	3	47 35'13"

1201 =  $\alpha$  \* 8.0 1' N. 1202 =  $\alpha$  \* 8.0 1' S. 1204 p 15° \* 9.0 0' 8 S. 1211 s 22° \* 8.6 0' 2 N. 1212 p 22° \* 8.9 0' 2 S.  
 1232 s 38° \* 8.8 1' N. 1234 s 1° \* 8.0 0' 2 N. 1235 p 1° \* 7.8 0' 2 S. 1239 p 38° \* 7.0 1' S. 1245 s 10° \* 0' 3 N.  
 1247 s 2° \* 0' 1 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1251*	8.8	7 <sup>h</sup> 59 <sup>m</sup> 28 <sup>s</sup> .38	+1.7192	-0.0011	-49°26'20".4	-9.982	-0.213	.1	2	49°32'73
1252	8.8	59 30.32	1.8253	.0002	47 7 8.1	9.985	.226	.3	3	46 3688
1253	9.0	59 32.26	1.7527	.0008	48 43 54.1	9.987	.217	.0	2-3	48 3403
1254	8.0	59 37.71	1.6293	.0020	51 15 29.4	9.994	.202	.9	3	51 2808
1255	8.9	59 46.48	1.6722	.0016	50 25 24.8	10.005	.207	.3	3	50 3111
1256	8.9	7 59 58.38	+1.5788	-0.0026	-52 14 29.0	-10.020	-0.195	.2	3	52 2231
1257	8.7	8 0 14.84	1.6777	.0015	50 20 43.9	10.041	.207	.2	3	50 3115
1258	7.3	0 37 39	1.6330	.0020	51 15 28.3	10.070	.202	.1	3	51 2813
1259	7.0	0 50.11	1.7080	.0012	49 46 3.9	10.086	.211	.1	3	49 3297
1260	7.5	0 59.69	1.7846	.0005	48 8 28.7	10.098	.220	.1	3	47 3537
1261	8.8	8 1 12.36	+1.7708	-0.0007	-48 27 38.7	-10.114	-0.218	.1	3	48 3428
1262	7.6	1 37.46	1.7324	.0010	49 18 52.5	10.145	.213	.1	3	49 3306
1263*	8.2	1 41.09	1.6870	.0014	50 15 36.1	10.150	.207	.1	3	50 3125
1264	8.2	1 58.29	1.8106	.0003	47 37 51.2	10.171	.223	.2	3	47 3550
1265	9.2	2 16.04	1.7152	.0012	49 43 24.8	10.194	.211	.2	3	49 3316
1266	9.0	8 2 17.44	+1.8032	-0.0004	-47 49 22.5	-10.195	-0.222	.2	3	47 3556
1267	9.1	2 50.51	1.6789	.0016	50 30 32.1	10.237	.206	.2	3	50 3137
1268	7.6	2 52.91	1.6842	.0015	50 24 15.0	10.240	.207	.2	3	50 3138
1269	8.2	3 27.04	1.7710	.0007	48 37 10.1	10.283	.217	.2	3	48 3460
1270	8.9	4 38.23	1.7569	.0008	49 0 48.3	10.373	.215	.2	3	48 3478
1271	6.7	8 4 45.28	+1.7896	-0.0005	-48 18 31.2	-10.380	-0.219	.2	3	48 3480
1272	8.8	4 51.13	1.8314	.0002	47 22 17.5	10.388	.224	.1	2-3	47 3597
1273	7.6	5 7.16	1.8221	.0003	47 36 17.2	10.408	.223	.1	3	47 3599
1274	8.5	5 8.35	1.8047	.0004	48 0 1.5	10.409	.220	.1	3	47 3600
1275	9.0	5 10.34	1.6312	.0021	51 37 14.3	10.412	.199	.1	3	51 2839
1276	9.0	8 5 11.22	+1.8163	-0.0003	-47 44 31.8	-10.413	-0.222	.1	3	47 3601
1277	7.3	5 14.78	1.6248	.0022	51 45 1.2	10.417	.199	.1	3	51 2840
1278	7.2	5 23.44	1.7966	.0004	48 11 59.9	10.428	.219	.2	3	48 3495
1279	8.4	5 39.35	1.7574	.0008	49 4 49.6	10.448	.214	.2	3	48 3497
1280	8.6	5 40.71	1.8474	.0000	47 3 53.5	10.449	.225	.2	3	46 3813
1281	8.7	8 5 42.74	+1.6689	-0.0017	-50 55 16.5	-10.452	-0.203	.2	3	50 3167
1282	7.8	5 46.84	1.7698	.0007	48 49 13.3	10.457	.216	.2	3	48 3498
1283	9.3	6 12.35	1.6427	.0020	51 28 33.0	10.489	.200	.2	3	51 2850
1284	9.0	6 14.42	1.8289	.0002	47 32 6.5	10.491	.223	.2	3	47 3624
1285	8.8	6 26.72	1.8350	.0001	47 24 39.3	10.507	.223	.1	3	47 3628
1286	8.4	8 6 26.79	+1.7082	-0.0013	-50 10 44.1	-10.507	-0.208	.2	3	50 3175
1287	8.6	6 47.80	1.7509	.0008	49 18 21.3	10.533	.213	.1	3	49 3370
1288*	8.8	6 55.23	1.7040	.0013	50 18 0.8	10.542	.207	.1	3	50 3180
1289	9.0	6 57.56	1.8270	.0003	47 37 56.3	10.545	.222	.1	3	47 3636
1290	6.2	7 13.23	1.7898	.0005	48 29 32.0	10.564	.217	.1	3	48 3516
1291*	8.7	8 7 15.03	+1.7039	-0.0013	-50 19 39.9	-10.566	-0.207	.1	3	50 3182
1292*	8.8	7 24.66	1.7038	.0013	50 20 34.6	10.578	.206	.2	3	50 3183
1293*	6.2	7 29.11	1.8495	.0000	47 9 10.4	10.584	.224	.2	3	46 3846
1294*	8.1	7 29.39	1.6806	.0016	50 49 13.5	10.584	.204	.2	3	50 3184
1295*	9.2	7 29.39	1.6804	.0016	50 49 30.1	10.584	.204	.2	3	50 3185
1296*	4.0	8 7 31.67	+1.8501	0.0000	-47 8 38.3	-10.587	-0.224	.2	3	46 3847
1297*	9.0	7 34.53	1.8496	.0000	47 9 33.6	10.591	.224	.2	3	46 3848
1298	7.1	7 43.86	1.6396	-.0020	51 39 2.4	10.602	.198	.2	3	51 2861
1299	5.5	7 44.57	1.8248	.0002	47 44 40.0	10.603	.221	.2	3	47 3653
1300	8.7	8 2.78	1.8310	.0001	47 37 29.8	10.626	.222	.0	2	47 3657

1251 Roja. 1263 p 30<sup>s</sup> \* 9.5 1' 2 N. 1288 s 20<sup>s</sup> \* 8.7 1' 7 S. 1291 { p 20<sup>s</sup> \* 8.2 1' 7 N.  
 { s 10<sup>s</sup> \* 8.7 1' S. 1292 p 10<sup>s</sup> \* 8.7 1' N.  
 1293 { s 3<sup>s</sup> \* 3.0 0' 6 N.  
 { s 6<sup>s</sup> \* 9.0 0' 3 S. 1294 =  $\alpha$  \* 9.0 0' 3 S. 1295 =  $\alpha$  \* 8.1 0' 3 N. 1296 { p 3<sup>s</sup> \* 6.5 0' 6 S.  
 { s 3<sup>s</sup> \* 9.0 1' S. 1297 { p 6<sup>s</sup> \* 6.5 0' 3 N.  
 { p 3<sup>s</sup> \* 3.0 1' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1301	8.5	8 <sup>h</sup> 8 <sup>m</sup> 31.10	+1.8083	—0.0003	—48° 8' 30.9	—10.626	—0.219	.1	3	47° 3658
1302*	8.9	8 4.46	1.7661	.0007	49 4 35.1	10.628	.214	.1	3	48 3545
1303*	8.8	8 13.07	1.7663	.0007	49 4 59.1	10.638	.214	.1	3	48 3549
1304*	9.0	8 17.21	1.7320	.0010	49 49 19.8	10.643	.209	.1	3	49 3389
1305*	7.8	8 20.57	1.7779	.0006	48 50 28.6	10.648	.215	.1	3	48 3552
1306	8.8	8 8 25.39	+1.8215	—0.0002	—47 52 19.3	—10.654	—0.220	.1	3	47 3664
1307	8.2	8 25.63	1.7689	.0007	49 2 37.1	10.654	.214	.2	3	48 3556
1308*	8.3	8 32.08	1.7727	.0007	48 58 12.8	10.662	.214	.2	3	48 3560
1309	9.0	8 34.75	1.8167	.0003	47 59 34.4	10.665	.220	.2	2	47 3665
1310	8.9	8 35.32	1.7880	.0005	48 38 10.8	10.666	.216	.2	3	48 3561
1311	8.9	8 8 49.84	+1.8389	—0.0001	—47 30 15.3	—10.684	—0.222	.2	3	47 3670
1312	8.4	9 1.60	1.8044	.0004	48 18 23.1	10.698	.218	.2	3	48 3573
1313	8.1	9 4.10	1.6779	.0016	50 59 46.3	10.701	.202	.2	3	50 3193
1314	8.7	9 4.58	1.7691	.0007	49 5 23.4	10.702	.214	.1	3	48 3574
1315	8.8	9 6.60	1.8295	.0001	47 44 33.7	10.704	.221	.1	2	47 3676
1316	6.5	8 9 13.41	+1.8068	—0.0004	—48 16 1.5	—10.713	—0.218	.1	3	48 3576
1317	9.0	9 28.11	1.7356	.0010	49 50 20.8	10.731	.209	.1	3	49 3399
1318	7.8	9 46.77	1.7351	.0010	49 52 22.1	10.754	.209	.1	3	49 3403
1319	8.0	9 52.11	1.8115	.0003	48 12 45.7	10.760	.218	.1	3	48 3585
1320	8.8	10 10.62	1.6433	.0020	51 46 0.0	10.783	.197	.2	3	51 2880
1321*	8.9	8 10 19.44	+1.7484	—0.0009	—49 37 58.1	—10.794	—0.210	.2	3	49 3413
1322*	8.6	10 21.32	1.7467	.0009	49 40 20.9	10.796	.210	.2	3	49 3414
1323	9.0	10 28.21	1.7280	.0011	50 4 33.0	10.805	.208	.2	3	49 3416
1324	9.1	10 30.98	1.7669	.0007	49 14 59.7	10.808	.212	.2	2	49 3417
1325	9.0	10 55.80	1.7111	.0012	50 27 54.1	10.839	.205	.2	3	50 3208
1326	8.8	8 11 2.57	+1.7318	—0.0010	—50 2 28.6	—10.847	—0.208	.2	3	49 3426
1327	8.6	11 27.32	1.8156	.0003	48 14 51.2	10.877	.218	.2	3	48 3609
1328	7.5	11 28.88	1.6345	.0022	52 2 19.0	10.879	.195	.1	3	51 2893
1329	6.0	11 41.26	1.7363	.0010	49 59 52.9	10.894	.208	.1	3	49 3430
1330	8.6	12 5.10	1.7323	.0010	50 6 51.3	10.923	.207	.1	3	49 3437
1331	8.6	8 12 13.05	+1.7830	—0.0005	—49 2 8.6	—10.933	—0.213	.1	3	48 3620
1332	9.0	12 13.93	1.8170	.0002	48 16 35.7	10.934	.217	.1	3	48 3619
1333	8.9	12 19.70	1.7918	.0004	48 51 2.5	10.941	.214	.2	3	48 3622
1334	9.0	12 27.68	1.7312	.0010	50 10 1.5	10.950	.207	.2	3	49 3442
1335	8.7	13 19.40	1.7896	.0004	48 58 47.6	11.013	.213	.2	3	48 3633
1336	8.5	8 13 28.11	+1.8595	+0.0002	—47 23 46.0	—11.024	—0.222	.2	3	47 3740
1337	7.8	13 30.83	1.7314	— .0010	50 14 55.3	11.027	.206	.2	3	50 3227
1338	8.9	13 33.48	1.7963	.0004	48 50 58.3	11.030	.214	.2	1	48 3638
1339	7.7	13 37.87	1.6525	.0019	51 51 31.3	11.036	.196	.2	3	51 2914
1340	8.0	13 43.55	1.7537	.0008	49 47 31.7	11.043	.208	.2	3	49 3456
1341	7.9	8 13 48.00	+1.7875	—0.0005	—49 3 48.5	—11.048	—0.213	.2	3	48 3642
1342	9.0	13 54.29	1.8634	+ .0002	47 20 25.3	11.056	.222	.1	3	47 3748
1343	8.6	14 5.04	1.7922	— .0004	48 59 2.0	11.069	.213	.1	3	48 3647
1344	9.1	14 11.19	1.7849	.0005	49 9 8.6	11.076	.212	.1	3	48 3648
1345	9.2	14 39.91	1.8276	.0001	48 14 4.1	11.111	.217	.1	3	48 3650
1346	8.8	8 14 42.97	+1.7621	—0.0007	—49 41 36.5	—11.115	—0.209	.1	3	49 3470
1347	8.8	14 43.51	1.8231	.0001	48 20 32.2	11.115	.216	.1	2	48 3651
1348	9.0	14 45.09	1.8146	— .0002	48 32 12.3	11.117	.215	.2	3	48 3654
1349	8.8	15 11.52	1.8627	+ .0002	47 27 46.2	11.149	.221	.2	3	47 3765
1350	8.6	15 13.92	1.8600	.0002	47 31 48.3	11.152	.220	.2	3	47 3767

1302 s 9° \* 9.0 0'5 S.    1303 p 9° \* 8.9 0'5 N.    1304 p 20° \* 0'1 S.    1305  $\left\{ \begin{array}{l} p 8^{\circ} * 1' N. \\ s 4^{\circ} * 1' S. \end{array} \right.$     1308 p 30° \* 9.3 1' N.  
 1321 s 2° \* 8.6 2' S.    1322 p 2° \* 8.6 2' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1351	7.9	8 <sup>h</sup> 15 <sup>m</sup> 19. <sup>s</sup> 15	+1.8524	+0.0001	-47° 43' 2" 0	-11.159	-0.220	.2	3	47° 3771
1352	8.6	16 43.53	1.8644	.0003	47 33 10.7	11.261	.220	.2	3	47 3794
1353	7.0	17 5.55	1.8469	.0001	47 59 34.4	11.287	.218	.2	3	47 3799
1354	9.1	17 30.73	1.7361	-.0010	50 28 43.5	11.317	.204	.2	3	50 3264
1355	7.5	17 48.51	1.7905	.0004	49 19 51.4	11.339	.210	.2	3	49 3495
1356*	8.9	8 17 56.29	+1.8721	+0.0003	-47 28 25.3	-11.348	-0.220	.1	3	47 3821
1357	8.8	18 0.94	1.8829	.0005	47 13 18.6	11.354	.221	.1	3	47 3823
1358	9.1	18 2.42	1.8423	.0001	48 10 52.4	11.355	.216	.1	3	47 3825
1359	8.8	18 6.40	1.8735	.0004	47 27 13.3	11.360	.220	.1	3	47 3826
1360	7.8	18 9.04	1.6774	-.0016	51 44 10.5	11.363	.197	.1	3	51 2952
1361	9.0	8 18 10.68	+1.7293	-0.0010	-50 40 43.2	-11.365	-0.203	.1	3	50 3271
1362	9.0	18 26.31	1.7264	.0010	50 45 39.2	11.384	.202	.2	3	50 3275
1363*	8.8	18 37.75	1.7016	.0013	51 17 20.5	11.398	.199	.2	3	51 2957
1364	7.9	19 4.56	1.8911	+0.0005	47 6 57.4	11.430	.222	.2	3	46 4077
1365	9.0	19 10.30	1.7015	-.0014	51 20 9.7	11.437	.199	.2	3	51 2962
1366	7.1	8 19 12.20	+1.6675	-0.0018	-52 1 13.4	-11.439	-0.195	.2	3	51 2963
1367	8.9	19 23.73	1.6949	.0014	51 29 21.0	11.453	.198	.2	3	51 2964
1368	8.9	19 30.98	1.7105	.0013	51 10 51.4	11.462	.200	.2	3	50 3284
1369	9.0	19 31.27	1.8256	.0001	48 41 32.9	11.462	.213	.2	3	48 3723
1370	8.4	20 10.55	1.8760	+0.0004	47 34 25.3	11.509	.219	.1	3	47 3860
1371	5.0	8 20 31.63	+1.8473	+0.0002	-48 16 51.0	-11.534	-0.215	.1	3	48 3734
1372	8.1	20 38.29	1.8232	.0000	48 50 30.0	11.542	.212	.1	3	48 3736
1373*	8.6	20 39.86	1.8598	.0003	48 0 0.6	11.544	.217	.1	3	47 3873
1374	9.0	20 53.02	1.7174	-.0012	51 9 18.8	11.560	.200	.1	3	50 3298
1375	9.2	21 1.58	1.7804	.0005	49 49 48.8	11.570	.207	.1	2	49 3517
1376	6.2	8 21 6.02	+1.6810	-0.0016	-51 54 49.5	-11.575	-0.195	.2	3	51 2980
1377	8.8	21 15.37	1.8596	+0.0003	48 3 19.6	11.586	.216	.2	3	47 3885
1378	9.0	21 34.20	1.7553	-.0007	50 25 7.7	11.609	.204	.2	3	50 3307
1379	8.9	21 42.14	1.6690	.0018	52 12 17.9	11.618	.193	.2	3	52 2359
1380	8.7	22 3.98	1.6638	.0018	52 20 15.9	11.644	.188	.2	3	52 2361
1381	9.1	8 22 4.41	+1.8122	-0.0001	-49 13 5.0	-11.644	-0.210	.2	3	49 3528
1382	9.1	22 42.95	1.7748	.0005	50 6 3.2	11.690	.205	.2	3	49 3534
1383*	8.3	22 52.69	1.8335	+0.0001	48 48 15.6	11.702	.212	.2	3	48 3771
1384	8.9	22 56.23	1.8486	.0002	48 27 47.3	11.706	.214	.1	3	48 3772
1385	8.6	23 2.73	1.8305	.0000	48 53 17.0	11.714	.212	.1	3	48 3773
1386*	8.5	8 23 4.90	+1.8282	0.0000	-48 56 42.7	-11.716	-0.211	.1	3	48 3774
1387	9.0	23 7.05	1.8197	-.0001	49 8 27.4	11.719	.210	.1	3	48 3775
1388*	8.8	23 10.35	1.8299	+0.0001	48 54 50.3	11.723	.211	.1	3	48 3776
1389	6.0	23 40.20	1.7118	-.0012	51 30 51.1	11.758	.197	.1	3	51 3004
1390	7.7	24 6.90	1.8635	+0.0004	48 13 7.4	11.789	.215	.2	3	48 3789
1391	9.0	8 24 12.78	+1.7979	-0.0002	-49 43 39.3	-11.796	-0.207	.2	3	49 3550
1392	7.7	24 20.62	1.8784	+0.0005	47 53 10.3	11.806	.216	.2	3	47 3951
1393	8.8	24 25.15	1.8752	.0005	47 58 13.8	11.811	.216	.2	2-3	47 3953
1394	9.0	24 30.11	1.7952	-.0003	49 48 43.4	11.817	.206	.2	3	49 3552
1395	8.8	24 32.86	1.8543	+0.0003	48 28 31.9	11.820	.213	.2	3	48 3797
1396	7.9	8 24 37.49	+1.8194	0.0000	-49 16 56.6	-11.825	-0.209	.2	3	49 3553
1397	8.6	24 38.04	1.7320	-.0010	51 10 50.4	11.826	.199	.2	3	50 3343
1398	8.0	24 45.90	1.8437	+0.0002	48 44 27.6	11.835	.212	.1	3	48 3799
1399	8.9	24 49.27	1.8749	.0005	48 0 50.4	11.839	.215	.1	3	47 3959
1400*	8.9	25 4.07	1.7290	-.0010	51 17 0.5	11.857	.198	.1	3	51 3023

1356 s 11° \* 1' N.    1363 p 4° \* 0.2 S.    1373 s 1° \* 0.5 N.    1383 p 23° \* 9.1 0.1 S.    1386 s 6° \* 8.7 2' N.  
 1388 p 6° \* 8.2 2' S.    1400 s 7° \* 8.0 2' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° (Obs.)	Cord.
1401	7.6	8 <sup>h</sup> 25 <sup>m</sup> 8 <sup>s</sup> .21	+1.7470	-0.0008	-50° 54' 44".6	-11.861	-0.200	.1	3	50° 3350
1402	9.0	25 10.08	1.7659	.0006	50 30 39.1	11.864	.203	.1	3	50 3351
1403*	7.9	25 10.71	1.7307	.0010	51 15 30.7	11.864	.198	.1	3	51 3026
1404	9.0	25 12.14	1.8941	+ .0007	47 35 14.4	11.866	.217	.2	3	47 3963
1405	8.9	25 24.83	1.8980	.0007	47 30 46.9	11.881	.218	.2	3	47 3967
1406	8.0	8 25 42.66	+1.7272	-0.0010	-51 22 43.6	-11.902	-0.198	.2	3	51 3031
1407	9.1	25 43.38	1.7768	.0004	50 19 35.3	11.903	.203	.2	3	50 3356
1408*	8.4	25 43.91	1.9015	+ .0007	47 27 28.2	11.903	.218	.2	3	47 3973
1409	9.0	25 46.43	1.8194	.0000	49 23 17.8	11.906	.208	.2	3	49 3570
1410	8.3	25 53.66	1.7977	- .0002	49 53 0.9	11.915	.206	.2	3	49 3572
1411*	9.0	8 26 7.97	+1.9030	+0.0008	-47 27 24.3	-11.932	-0.218	.2	3	47 3980
1412	9.0	26 10.83	1.7464	- .0008	51 1 7.0	11.935	.199	.1	3	50 3360
1413	6.9	26 23.90	1.7217	.0011	51 33 12.5	11.950	.196	.1	3	51 3041
1414	8.8	26 27.57	1.9138	+ .0009	47 13 20.8	11.955	.219	.1	3	47 3990
1415	9.0	26 40.93	1.7342	- .0009	51 19 19.7	11.970	.198	.1	3	51 3045
1416	8.2	8 26 49.78	+1.8844	+0.0006	-47 58 22.1	-11.981	-0.215	.1	3	47 4000
1417	9.0	26 59.29	1.8913	.0007	47 49 10.8	11.992	.216	.1	3	47 4003
1418*	7.0	27 1.52	1.8960	.0007	47 42 39.8	11.994	.216	.2	3	47 4004
1419*	9.0	27 34.76	1.8981	.0007	47 42 35.6	12.034	.216	.2	3	47 4016
1420	7.5	27 40.48	1.8945	.0007	47 48 27.8	12.040	.216	.2	3	47 4023
1421	9.0	8 28 16.46	+1.7142	-0.0012	-51 52 45.0	-12.082	-0.194	.2	3	51 3053
1422	7.9	28 20.78	1.7606	.0006	50 54 56.3	12.087	.200	.2	3	50 3378
1423	8.9	28 22.11	1.7683	.0005	50 45 6.0	12.088	.200	.2	3	50 3379
1424	8.5	28 57.29	1.7763	.0004	50 38 0.0	12.129	.201	.2	3	50 3386
1425	7.3	29 6.68	1.9067	+ .0009	47 38 46.4	12.140	.216	.2	3	47 4048
1426	9.0	8 29 6.81	+1.9149	+0.0009	-47 26 43.2	-12.140	-0.217	.2	3	47 4047
1427	9.0	29 14.29	1.7343	- .0009	51 33 14.5	12.149	.196	.1	3	51 3059
1428	8.5	29 20.72	1.8709	+ .0006	48 31 41.8	12.156	.212	.1	3	48 3865
1429	8.8	29 32.06	1.7414	- .0008	51 25 55.9	12.169	.197	.1	3	51 3063
1430	9.0	29 38.97	1.9109	+ .0009	47 35 37.0	12.177	.216	.1	3	47 4056
1431	7.8	8 29 56.28	+1.9317	+0.0011	-47 6 22.2	-12.197	-0.218	.1	3	46 4274
1432	8.7	30 8.68	1.8941	+ .0008	48 3 0.7	12.212	.214	.2	3	47 4061
1433*	9.0	30 20.27	1.7769	- .0004	50 44 58.8	12.225	.200	.2	3	50 3393
1434	7.9	30 23.83	1.8387	+ .0003	49 22 45.0	12.229	.207	.2	3	49 3621
1435	7.5	30 48.69	1.9239	.0011	47 22 58.0	12.258	.217	.2	3	47 4072
1436	7.3	8 30 55.41	+1.8601	+0.0005	-48 55 56.5	-12.265	-0.209	.2	3	48 3888
1437	8.8	31 44.29	1.8914	.0008	48 16 5.0	12.322	.212	.2	3	48 3900
1438	9.0	31 50.29	1.8299	.0002	49 42 59.9	12.329	.206	.2	3	49 3634
1439	8.6	31 56.24	1.8237	.0002	49 51 59.3	12.336	.205	.2	3	49 3636
1440	9.0	31 58.69	1.7961	- .0001	50 29 15.4	12.339	.201	.1	3	50 3403
1441	8.4	8 32 5.95	+1.7291	-0.0009	-51 55 47.8	-12.347	-0.193	.1	3	51 3088
1442	7.8	32 33.22	1.7812	.0003	50 52 6.3	12.378	.199	.1	3	50 3407
1443	8.9	32 36.54	1.8459	+ .0004	49 25 30.2	12.382	.206	.1	3	49 3643
1444	5.2	32 44.48	1.8336	.0003	49 43 9.8	12.391	.205	.1	3	49 3646
1445	9.0	32 57.22	1.8929	.0009	48 20 59.7	12.406	.211	.1	3	48 3920
1446	8.4	8 33 7.99	+1.8441	+0.0004	-49 31 3.4	-12.418	-0.206	.2	3	49 3653
1447	8.6	33 9.94	1.9190	.0011	47 44 7.7	12.420	.214	.2	3	47 4112
1448	7.0	33 20.58	1.9353	.0015	47 20 41.7	12.432	.216	.2	3	47 4116
1449	8.9	33 25.20	1.8188	.0002	50 7 17.0	12.438	.202	.2	2-3	49 3660
1450	8.2	33 28.37	1.7514	- .0007	51 35 40.9	12.441	.195	.2	3	51 3099

1403 p 7\* \* 8.5 2' S. 1408 s 24\* \* 9.0 0!2 N. 1411 p 24\* \* 8.6 0!2 S. 1418 s 32\* \* 9.0 =  $\delta$ . 1419 p 32\* 7.0 =  $\delta$ .  
1433 doble.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1451	8.4	8 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup> .21	+1.8965	+0.0009	-48° 19' 20".4	-12.447	-0.211	.2	3	48° 39' 28"
1452*	7.8	33 48.71	1.7290	-.0009	52 5 46.4	12.464	.192	.2	3	51.3102
1453	6.4	33 55.53	1.7930	.0001	50 44 36.5	12.472	.199	.2	3	50.3417
1454*	9.0	34 22.76	1.7310	.0009	52 6 27.4	12.503	.192	.1	3	51.3105
1455	8.8	34 32.89	1.7374	.0008	51 59 29.9	12.515	.193	.1	3	51.3108
1456*	8.2	8 34 34.65	+1.9431	+0.0014	-47 16 21.3	-12.517	-0.216	.1	3	47.4135
1457	7.5	34 37.75	1.9234	.0012	47 46 15.3	12.521	.214	.1	3	47.4136
1458	9.2	34 47.18	1.8512	.0005	49 30 56.2	12.531	.205	.1	3	49.3679
1459	7.3	35 8.38	1.8664	.0007	49 11 50.5	12.555	.207	.1	3	48.3950
1460	9.0	35 13.85	1.8884	.0009	48 40 59.9	12.562	.209	.2	3	48.3952
1461	8.0	8 35 33.90	+1.9524	+0.0014	-47 8 0.0	-12.584	-0.216	.2	3	46.4388
1462	8.0	35 57.01	1.8416	.0004	49 51 7.4	12.610	.203	.2	3	49.3692
1463	9.0	36 20.44	1.8246	.0003	50 16 44.1	12.637	.201	.2	3	50.3447
1464	8.2	36 37.17	1.9399	+ .0014	47 33 28.9	12.656	.214	.2	3	47.4171
1465	8.5	36 47.60	1.7922	-.0001	51 2 40.2	12.668	.197	.2	3	50.3453
1466	9.1	8 36 58.00	+1.7516	-0.0006	-51 55 57.2	-12.679	-0.192	.2	3	51.3132
1467	8.4	37 23.18	1.7464	-.0007	52 5 0.6	12.708	.191	.2	3	51.3135
1468	8.9	37 38.32	1.8829	+ .0009	49 3 26.5	12.725	.207	.1	3	48.3998
1469	7.9	38 7.71	1.9197	+ .0013	48 12 52.1	12.758	.210	.1	3	48.4008
1470	8.0	38 13.48	1.7680	-.0003	51 42 35.8	12.765	.193	.1	3	51.3141
1471*	8.0	8 38 37.77	+1.8124	+0.0002	-50 46 55.6	-12.792	-0.198	.1	3	50.3474
1472*	8.6	38 47.75	1.8121	.0002	-50 48 19.9	12.803	.198	.1	3	50.3478
1473	7.5	38 47.83	1.9314	.0014	47 59 35.0	12.803	.211	.1	3	47.4210
1474	8.3	38 55.60	1.9383	.0014	47 50 5.7	12.812	.212	.2	3	47.4214
1475	6.6	39 1.56	1.9041	.0012	48 41 23.6	12.818	.208	.2	3	48.4020
1476	6.0	8 39 5.15	+1.9684	+0.0017	-47 5 3.5	-12.823	-0.215	.2	3	46.4448
1477	8.0	39 8.53	1.9586	.0016	47 20 31.4	12.826	.214	.2	3	47.4217
1478	9.2	39 35.20	1.9392	.0015	47 52 45.1	12.856	.211	.2	2	47.4231
1479	8.9	40 1.14	1.9485	.0016	47 41 26.4	12.885	.212	.2	3	47.4245
1480	8.3	40 1.70	1.9358	.0015	48 0 38.4	12.886	.211	.2	3	47.4246
1481	5.5	8 40 9.93	+1.9422	+0.0115	-47 51 54.0	-12.894	-0.211	.2	3	47.4251
1482	7.0	40 20.51	1.9656	.0018	47 17 9.3	12.907	.214	.1	3	47.4258
1483	7.4	40 28.63	1.9409	+ .0016	47 55 44.9	12.916	.211	.1	3	47.4261
1484	9.0	40 29.17	1.7833	-.0001	51 36 34.6	12.916	.193	.1	3	51.3160
1485	9.6	40 56.23	1.7936	.0000	51 25 58.4	12.946	.194	.1	2-3	51.3164
1486	8.4	8 40 57.25	+1.9634	+0.0018	-47 24 25.9	-12.948	-0.213	.1	3	47.4275
1487	8.7	41 0.87	1.7545	-.0005	52 16 46.4	12.952	.190	.1	3	52.2514
1488	8.0	41 9.40	1.9579	+ .0017	47 34 16.7	12.961	.212	.2	3	47.4282
1489	9.0	41 15.51	1.9224	+ .0014	48 28 22.5	12.968	.208	.2	3	48.4053
1490	9.0	41 24.15	1.7522	-.0005	52 22 4.9	12.978	.189	.2	3	52.2518
1491	8.0	8 41 27.10	+1.7710	-0.0002	-51 58 25.1	-12.981	-0.191	.2	3	51.3167
1492	9.0	41 30.27	1.9749	+ .0019	47 10 2.0	12.984	.214	.2	3	46.4498
1493	8.2	41 37.16	1.7814	-.0001	51 46 6.4	12.992	.192	.2	3	51.3173
1494	5.3	41 38.20	1.8780	+ .0011	49 35 13.1	12.993	.203	.2	3	49.3761
1495	7.4	41 51.15	1.8433	+ .0007	50 25 2.7	13.008	.199	.2	3	50.3518
1496	9.0	8 42 19.17	+1.9400	+0.0016	-48 8 46.0	-13.039	-0.209	.1	3	47.4310
1497	7.8	42 24.38	1.9561	.0017	47 44 56.8	13.044	.211	.1	3	47.4311
1498	8.4	42 37.22	1.9299	.0015	48 25 55.8	13.059	.208	.1	3	48.4069
1499	8.4	42 47.92	1.9838	.0020	47 4 29.8	13.070	.214	.1	3	46.4530
1500	8.6	43 7.98	1.9042	.0013	49 7 6.8	13.093	.205	.1	3	48.4077

1452 s 33\* \* 8.7 0'6 S. 1454 p 33\* \* 7.7 0'6 N. 1456 =  $\alpha$  \* 0'1 N. 1471 s 10\* \* 8.3 1'5 S. 1472 p 10\* \* 7.5 1'5 N.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1501	7.8	8 <sup>b</sup> 43 <sup>m</sup> 11 <sup>s</sup> 74	+1.8953	+0.0012	-49° 20' 24" 9	-13.097	-0.204	.1	3	49° 37' 86
1502*	8.8	43 30.05	1.8467	.0007	50 30 51.9	13.117	.198	.2	3	50 35' 41
1503*	9.0	43 32.98	1.8477	.0006	50 29 40.8	13.120	.198	.2	3	50 35' 42
1504	8.7	43 33.67	1.9631	.0018	47 41 31.6	13.120	.211	.2	3	47 43' 29
1505	9.1	43 47.96	1.8995	.0013	49 18 12.7	13.137	.204	.2	3	49 37' 93
1506	8.0	8 43 53.25	+1.9347	+0.0016	-48 26 53.2	-13.142	-0.207	.2	3	48 40' 91
1507	9.0	43 53.50	1.8116	.0003	51 20 48.2	13.143	.194	.2	3	51 32' 01
1508	8.0	44 0.08	1.9856	.0021	47 9 26.3	13.151	.213	.2	3	46 45' 57
1509	9.0	44 10.53	1.9835	.0020	47 13 48.5	13.161	.212	.2	3	47 43' 36
1510	7.3	44 10.64	1.9804	.0020	47 18 39.8	13.162	.212	.1	3	47 43' 37
1511	8.4	8 44 14.85	+1.9668	+0.0019	-47 40 14.8	-13.166	-0.210	.1	3	47 43' 39
1512	8.7	44 26.77	1.7711	-.0002	52 17 4.0	13.179	.189	.1	3	52 25' 45
1513	8.7	44 36.62	1.9347	+.0017	48 31 37.1	13.190	.207	.1	3	48 40' 97
1514	9.0	45 4.63	1.9705	.0020	47 39 57.9	13.221	.210	.1	3	47 43' 55
1515	8.7	45 9.27	1.8000	.0002	51 44 6.8	13.226	.192	.1	2	51 32' 17
1516	8.3	8 45 17.77	+1.8032	+0.0002	-51 40 50.0	-13.235	-0.192	.2	3	51 32' 21
1517*	8.8	45 33.06	1.9071	.0014	49 18 27.8	13.252	.203	.2	3	49 38' 22
1518*	7.5	45 56.95	1.9079	.0014	49 19 57.1	13.278	.203	.2	3	49 38' 24
1519	9.3	46 6.63	1.8524	.0009	50 39 42.9	13.289	.197	.2	3	50 35' 74
1520*	8.7	46 13.58	1.9103	.0015	49 18 12.2	13.296	.203	.2	3	49 38' 30
1521	8.9	8 46 20.09	+1.9900	+0.0022	-47 17 44.5	-13.303	-0.211	.2	3	47 43' 77
1522*	8.0	46 27.44	1.9813	.0020	47 32 14.3	13.311	.210	.1	3	47 43' 80
1523	9.0	46 28.04	1.9353	.0017	48 42 53.4	13.312	.205	.2	3	48 41' 19
1524	9.0	46 29.86	1.9008	.0013	49 33 55.3	13.314	.201	.1	3	49 38' 35
1525	8.0	46 31.94	1.9246	.0016	48 59 12.7	13.316	.204	.1	3	48 41' 20
1526*	8.1	8 46 35.85	+1.9825	+0.0022	-47 31 17.5	-13.321	-0.210	.1	3	47 43' 81
1527*	8.9	46 37.29	1.9048	.0015	49 28 47.4	13.322	.202	.1	3	49 38' 41
1528*	8.8	46 40.94	1.9057	.0015	49 27 58.8	13.326	.202	.1	3	49 38' 43
1529	8.0	47 15.00	1.9957	.0023	47 14 45.8	13.363	.211	.1	3	47 43' 93
1530	8.4	47 19.32	1.8837	.0013	50 3 52.8	13.368	.199	.2	3	49 38' 56
1531*	8.8	8 47 22.10	+1.9635	+0.0020	-48 5 59.1	-13.371	-0.208	.2	3	47 43' 99
1532*	8.8	47 41.59	1.9640	.0021	48 7 24.9	13.392	.207	.2	3	47 44' 08
1533	8.6	47 51.25	1.9971	.0024	47 16 37.5	13.402	.211	.2	3	47 44' 13
1534	8.2	48 6.53	1.9033	.0015	49 40 52.8	13.419	.200	.2	3	49 38' 74
1535	8.4	48 8.24	1.8755	.0012	50 20 52.7	13.421	.197	.2	3	50 36' 02
1536	5.2	8 48 13.61	+1.9580	+0.0020	-48 20 9.4	-13.427	-0.206	.2	3	48 41' 46
1537	7.9	48 28.13	1.8200	.0006	51 39 12.1	13.442	.191	.2	3	51 32' 67
1538	8.8	48 44.19	1.9107	.0016	49 34 22.7	13.460	.201	.1	3	49 38' 80
1539*	8.6	48 45.24	1.9873	.0023	47 38 15.2	13.461	.209	.1	3	47 44' 30
1540	7.5	49 27.09	1.9246	.0018	49 18 45.0	13.506	.202	.1	3	49 38' 99
1541	8.8	8 50 21.28	+1.9709	+0.0022	-48 14 44.1	-13.564	-0.206	.1	3	48 41' 85
1542	6.5	50 30.14	1.9767	.0023	48 6 45.7	13.574	.206	.1	3	47 44' 60
1543	7.4	50 36.76	2.0137	.0026	47 8 51.0	13.581	.210	.1	3	46 47' 07
1544	8.8	50 38.32	1.8518	.0010	51 10 37.9	13.583	.193	.2	3	50 36' 37
1545	7.8	50 42.56	1.8209	.0007	51 52 57.6	13.587	.189	.2	3	51 33' 03
1546	8.8	8 51 1.63	+1.8510	+0.0011	-51 14 20.4	-13.608	-0.192	.2	3	51 33' 08
1547	9.0	51 23.22	1.8620	.0012	51 1 33.6	13.631	.193	.2	3	50 36' 47
1548	9.0	51 25.40	1.8096	.0006	52 12 45.7	13.633	.188	.2	3	51 33' 14
1549	9.0	51 27.06	1.9532	.0022	48 49 23.2	13.635	.203	.2	3	48 42' 08
1550	8.8	51 34.54	1.9336	.0020	49 19 53.9	13.643	.201	.2	3	49 39' 30

1502 s 3° \* 9.0 1' N.    1503 p 3° \* 8.8 1' S.    1517 s 24° \* 7.0 1' 3 S.    1518 { p 24° \* 8.9 1' 3 N.  
 7.0 2' S.    1522 s 10° \* 8.2 1' N.    1526 p 10° \* 8.2 1' S.    1527 s 3° \* 8.8 1' N.    1528 p 3° 8.8 1' S.    1531 s 19° \*  
 8.9 1' S.    1532 p 19° \* 8.5 1' N.    1539 s 4° \* 1' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1551	5.8	8 <sup>h</sup> 51 <sup>m</sup> 39 <sup>s</sup> .65	+2.0135	+0.0027	-47°16'21".1	-13.648	-0.209	.2	3	47°44'80
1552	8.8	51 49.29	1.8899	.0015	50 25 18.0	13.658	.196	.1	3	50 3654
1553	7.8	51 58.84	1.8119	.0006	52 13 29.6	13.669	.187	.1	3	51 3325
1554	8.6	52 1.15	1.8518	.0011	51 19 59.4	13.671	.192	.1	3	51 3323
1555	9.0	52 2.12	1.9537	.0022	48 52 45.3	13.672	.202	.1	2	48 4222
1556	8.8	8 52 2.61	+1.8055	+0.0005	-52 22 14.0	-13.673	-0.187	.1	3	52 2639
1557	7.5	52 7.47	1.8472	.0011	51 27 4.6	13.678	.191	.1	3	51 3326
1558	9.0	52 37.27	1.9267	.0020	49 37 22.5	13.710	.199	.2	3	49 3947
1559*	8.8	52 48.07	2.0158	.0027	47 20 36.0	13.721	.208	.2	3	47 4504
1560	9.0	52 48.92	2.0224	.0028	47 10 0.8	13.722	.208	.2	3	46 4750
1561	8.6	8 52 56.02	+2.0158	+0.0027	-47 21 30.0	-13.729	-0.208	.2	3	47 4505
1562	8.8	53 48.90	1.8919	.0017	50 36 14.2	13.786	.194	.2	3	50 3685
1563	8.1	53 49.15	1.8606	.0013	51 20 13.5	13.786	.191	.2	3	51 3354
1564	8.5	54 30.42	2.0133	.0028	47 36 36.6	13.829	.206	.2	3	47 4532
1565	7.7	54 52.08	1.9450	.0022	49 25 46.8	13.852	.199	.2	3	49 3994
1566	8.1	8 54 52.69	+1.9177	+0.0020	-50 6 19.5	-13.852	-0.196	.2	3	49 3995
1567	8.5	55 6.09	1.8892	.0017	50 49 9.3	13.867	.193	.1	3	50 3704
1568	9.1	55 10.33	2.0035	.0028	47 57 10.7	13.871	.205	.1	3	47 4543
1569	7.5	55 25.02	1.9042	.0019	50 29 50.2	13.887	.194	.1	3	50 3710
1570	9.0	55 34.60	1.8888	.0017	50 52 57.7	13.897	.192	.1	3	50 3713
1571	8.8	8 55 43.05	+2.0233	+0.0030	-47 29 6.8	-13.906	-0.206	.1	3	47 4551
1572	6.0	55 46.08	1.9923	.0027	48 19 14.0	13.909	.203	.1	3	48 4282
1573	7.6	56 25.40	1.9296	.0022	49 59 50.0	13.950	.196	.2	3	49 4017
1574	7.9	56 26.90	1.9069	.0019	50 33 16.3	13.952	.194	.2	3	50 3727
1575	8.3	57 11.61	2.0094	.0027	48 2 13.0	13.998	.204	.2	3	47 4571
1576	8.5	8 57 30.31	+1.9098	+0.0020	-50 36 36.3	-14.018	-0.193	.2	3	50 3744
1577	7.6	57 43.09	1.8840	.0018	51 14 59.4	14.031	.190	.2	3	51 3409
1578	7.5	57 53.41	1.9643	.0026	49 18 11.8	14.042	.198	.2	3	49 4042
1579	7.8	58 12.73	1.9982	.0029	48 27 33.9	14.062	.202	.2	3	48 4318
1580	7.0	58 35.37	1.8863	.0018	51 18 0.4	14.086	.190	.2	3	51 3420
1581	8.3	8 58 48.34	+1.9338	+0.0024	-50 10 49.2	-14.099	-0.194	.1	3	49 4050
1582	8.9	58 57.69	1.9315	.0023	50 15 26.9	14.109	.194	.1	3	50 3761
1583	9.0	58 58.22	1.9062	.0021	50 52 25.5	14.109	.191	.1	3	50 3762
1584	9.1	59 18.51	1.9418	.0025	50 2 35.3	14.130	.195	.1	3	49 4054
1585	8.0	59 23.50	1.9707	.0028	49 19 22.4	14.136	.198	.1	3	49 4057
1586	8.8	8 59 34.89	+1.9452	+0.0025	-49 59 30.6	-14.147	-0.195	.1	3	49 4060
1587	9.0	59 37.02	2.0035	.0031	48 29 32.4	14.150	.201	.1	2-3	48 4345
1588	6.4	59 43.41	1.8651	.0016	51 55 55.7	14.156	.186	.2	3	51 3430
1589	8.7	9 0 37.69	1.9271	.0024	50 34 4.9	14.212	.192	.2	3	50 3782
1590	8.6	0 57.07	1.9393	.0025	50 18 25.4	14.232	.193	.2	3	50 3784
1591	8.8	9 1 1.91	+2.0192	+0.0033	-48 14 56.1	-14.237	-0.201	.2	3	48 4368
1592	8.0	1 2.18	1.9741	.0029	49 26 18.2	14.237	.196	.2	3	49 4075
1593*	8.5	1 2.69	1.9156	.0023	50 54 3.6	14.238	.190	.1	2	50 3785
1594	8.4	1 15.25	1.9111	.0022	51 2 4.1	14.251	.190	.1	3	50 3786
1595	8.0	1 15.94	2.0602	.0036	47 8 44.3	14.251	.205	.2	3	46 4870
1596	9.0	9 1 19.21	+2.0416	+0.0035	-47 40 15.8	-14.255	-0.203	.1	3	47 4619
1597	8.7	1 21.23	1.9737	.0029	49 29 15.6	14.257	.196	.1	3	49 4080
1598	7.6	1 51.71	2.0616	.0036	47 10 55.9	14.288	.205	.1	3	46 4882
1599	8.8	1 53.50	1.9080	.0022	51 11 23.4	14.290	.189	.1	3	50 3798
1600	9.0	2 3.33	2.0353	.0035	47 56 18.1	14.300	.202	.1	3	47 4628

1559 s 8\* \* 1' S. 1593 p 23\* \* 0'4 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	No Obs.	Cord.
1601	7.6	9 <sup>b</sup> 2 <sup>m</sup> 28 <sup>s</sup> .07	+1.8658	+0.0018	—52° 15' 27.8	—14.325	—0.184	.1-.2	2-3	52° 27' 66
1602	9.0	2 33.86	2.0370	.0035	47 57 24.0	14.331	.201	.2	3	47 46' 34
1603	8.8	2 50.77	1.8908	.0021	51 42 56.4	14.348	.186	.2	3	51 34' 78
1604	9.0	2 55.39	2.0298	.0035	48 12 0.1	14.353	.200	.2	2	47 46' 40
1605	8.7	3 12.08	2.0602	.0037	47 23 28.1	14.370	.203	.2	3	47 46' 44
1606	8.3	9 3 22.93	+1.9626	+0.0029	—50 1 33.4	—14.381	—0.193	.2	3	49 41' 11
1607*	8.8	3 32.28	2.0034	.0033	48 59 19.8	14.390	.197	.2	3	48 44' 17
1608	8.0	3 34.41	1.9692	.0030	49 53 1.0	14.393	.194	.2	3	49 41' 14
1609	9.0	3 37.44	2.0580	.0037	47 30 26.5	14.396	.203	.1	3	47 46' 50
1610	9.0	3 43.70	1.9171	.0026	51 11 59.4	14.402	.188	.1	3	50 38' 31
1611	9.0	9 3 46.20	+2.0631	+0.0038	—47 22 54.7	—14.404	—0.203	.1	3	47 46' 53
1612*	8.2	3 47.73	2.0052	.0033	48 58 22.6	14.406	.197	.1	3	48 44' 20
1613	9.0	4 6.77	2.0292	.0036	48 22 1.2	14.425	.199	.1	3	48 44' 24
1614	7.8	4 20.86	2.0560	.0038	47 39 26.9	14.440	.202	.1	3	47 46' 62
1615	7.4	4 41.18	1.8771	.0020	52 16 2.0	14.460	.183	.1-.2	2-3	52 27' 91
1616	8.9	9 5 7.37	+2.0409	+0.0037	—48 10 41.8	—14.487	—0.200	.2	3	47 46' 67
1617	7.0	5 8.89	1.9347	.0027	50 56 56.7	14.488	.189	.2	3	50 38' 49
1618	8.8	5 18.50	1.8878	.0022	52 5 54.2	14.498	.184	.2	3	51 35' 04
1619	8.7	5 23.72	2.0735	.0040	47 17 55.1	14.503	.202	.2	3	47 46' 73
1620	9.0	5 29.89	1.9082	.0024	51 38 12.8	14.509	.186	.2	2	51 35' 07
1621	8.0	9 5 33.57	+1.9597	+0.0030	—50 22 38.9	—14.513	—0.191	.2	3	50 38' 55
1622	8.1	5 49.02	1.9674	.0031	50 12 59.3	14.528	.191	.2	3	49 41' 42
1623	9.0	5 51.70	2.0071	.0035	49 11 16.9	14.531	.195	.1	3	48 44' 46
1624	8.8	6 4.33	1.9560	.0030	50 32 4.8	14.544	.190	.1	3	50 38' 69
1625	8.9	6 4.62	2.0563	.0039	47 52 24.4	14.544	.201	.1	3	47 46' 82
1626	7.9	9 6 10.21	+1.9310	+0.0028	—51 10 21.0	—14.550	—0.188	.1	3	50 38' 70
1627	8.5	6 18.36	1.9185	.0026	51 29 38.9	14.558	.186	.1	3	51 35' 18
1628	8.5	6 23.92	2.0744	.0041	47 24 10.4	14.563	.202	.1	3	47 46' 87
1129	8.9	6 41.74	2.0173	.0036	49 1 31.9	14.581	.196	.1-.2	2-3	48 44' 58
1630	8.2	7 13.98	2.0588	.0040	47 57 24.5	14.613	.199	.2	3	47 46' 96
1631	8.8	9 7 27.17	+2.0470	+0.0039	—48 18 50.7	—14.627	—0.198	.2	3	48 44' 69
1632	7.0	7 33.82	2.0166	.0037	49 9 29.6	14.633	.195	.2	3	48 44' 71
1633	7.4	7 37.15	2.0867	.0042	47 12 38.4	14.637	.202	.2	3	46 49' 68
1634	8.2	7 51.41	2.0623	.0041	47 56 26.8	14.651	.199	.2	3	47 47' 06
1635	6.5	7 53.30	1.9135	.0027	51 49 5.2	14.653	.184	.2	3	51 35' 53
1636	7.4	9 7 54.61	+2.0233	+0.0038	—49 1 25.9	—14.654	—0.195	.2	3	48 44' 79
1637*	8.2	8 8.58	1.8911	.0024	52 23 1.4	14.668	.182	.1	3	52 28' 37
1638*	9.0	8 25.63	1.8939	.0024	52 21 16.9	14.685	.182	.1	3	52 28' 39
1639	8.6	8 54.55	2.0298	.0039	48 58 50.8	14.713	.195	.1	3	48 44' 97
1640	9.0	8 56.70	2.0122	.0038	49 27 29.9	14.716	.193	.1	3	49 41' 90
1641	8.9	9 9 0.59	+1.9381	+0.0030	—51 22 5.9	—14.719	—0.186	.1	3	51 35' 72
1642	8.3	9 4.47	1.9189	.0028	51 50 38.8	14.723	.184	.1	3	51 35' 75
1643	8.8	9 29.85	2.0500	.0041	48 30 21.4	14.748	.196	.2	3	48 45' 05
1644	8.2	9 34.13	1.9697	.0034	50 39 0.9	14.753	.188	.2	3	50 39' 14
1645	8.9	10 39.76	2.0411	.0042	48 54 31.7	14.817	.194	.2	3	48 45' 17
1646	9.0	9 10 47.48	+2.0545	+0.0043	—48 33 16.5	—14.825	—0.195	.2	3	48 45' 18
1647	8.8	10 51.06	2.0153	.0039	49 38 1.6	14.828	.191	.2	3	49 42' 14
1648	8.9	11 12.55	1.9278	.0030	51 54 45.3	14.849	.182	.2	3	51 36' 14
1649	7.0	11 17.82	2.0473	.0042	48 49 27.8	14.854	.194	.2	3	48 45' 25
1650	9.0	11 33.59	1.9145	.0029	52 16 46.0	14.870	.181	.1	3	52 28' 83

1607 s 16° \* 7.7 1' N.    1612 p 16° \* 8.6 1' S.    1637 s 17° \* 8.7 2' N.    1638 p 17° \* 8.3 2' S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1651	9.0	9 <sup>h</sup> 11 <sup>m</sup> 34 <sup>s</sup> .18	+2.0069	+0.0039	-49° 57' 14".2	-14.870	-0.190	.2	3	49° 42' 24"
1652	8.2	11 52.79	2.0361	.0042	49 12 39.2	14.889	.192	.1	3	48 45' 34"
1653	8.6	11 56.04	1.9942	.0038	50 20 19.7	14.892	.188	.1	3	50 39' 44"
1654	9.0	12 4.86	2.1095	.0047	47 8 54.4	14.900	.199	.1	3	46 50' 20"
1655	8.9	12 40.15	1.9312	.0032	52 1 35.1	14.935	.181	.1	3	51 36' 43"
1656	9.0	9 12 48.94	+2.0758	+0.0046	-48 13 58.6	-14.943	-0.195	.1	3	47 47' 83"
1657	8.4	13 18.51	2.1132	.0048	47 12 39.9	14.972	.198	.2	3	46 50' 40"
1658	8.8	13 23.84	2.0854	.0047	48 2 18.8	14.977	.195	.2	3	47 47' 91"
1659	7.8	13 42.91	2.0274	.0043	49 42 5.9	14.996	.190	.2	3	49 42' 64"
1660	8.5	14 12.29	1.9284	.0033	52 18 15.1	15.024	.180	.2	3	52 29' 37"
1661	7.8	9 14 27.04	+2.0457	+0.0044	-49 18 21.6	-15.038	-0.191	.2	3	49 42' 73"
1662	7.8	14 51.90	1.9778	.0039	51 9 56.2	15.062	.184	.2	3	50 39' 79"
1663	7.9	14 53.48	2.1122	.0050	47 27 43.7	15.064	.197	.2	3	47 48' 11"
1664	7.5	15 16.21	2.0131	.0043	50 18 7.5	15.086	.187	.1	3	50 39' 90"
1665	6.2	15 55.99	1.9986	.0042	50 46 36.7	15.124	.185	.1	3	50 40' 01"
1666	7.0	9 16 33.44	+1.9824	+0.0041	-51 17 8.3	-15.159	-0.183	.1	3	51 36' 93"
1667	9.0	16 40.05	2.0492	.0047	49 31 16.4	15.166	.189	.1	3	49 43' 02"
1668	7.9	16 44.02	2.1132	.0052	47 41 45.9	15.170	.195	.1	3	47 48' 31"
1669	9.0	16 49.88	2.0401	.0046	49 47 44.8	15.175	.188	.1	3	49 43' 06"
1670	9.0	16 51.66	1.9535	.0038	52 3 27.3	15.177	.179	.2	3	51 36' 98"
1671*	8.2	9 18 15.94	+2.1341	+0.0054	-47 17 24.1	-15.257	-0.195	.2	2	47 48' 50"
1672	8.7	18 19.57	2.0539	.0049	49 37 49.9	15.260	.188	.2	3	49 43' 26"
1673	8.9	18 20.44	2.0215	.0046	50 30 53.5	15.261	.185	.2	3	50 40' 37"
1674	8.9	18 20.57	1.9536	.0039	52 15 51.6	15.261	.178	.2	3	52 29' 97"
1675	9.0	18 29.65	2.0257	.0046	50 25 32.6	15.270	.185	.2	3	50 40' 44"
1676	8.8	9 18 44.14	+2.0672	+0.0050	-49 19 1.6	-15.283	-0.188	.2	3	49 43' 30"
1677	8.7	19 6.48	2.1354	.0055	47 22 31.7	15.305	.195	.2	3	47 48' 66"
1678	9.0	19 21.07	2.0037	.0045	51 7 51.5	15.318	.182	.1	3	50 40' 55"
1679	8.9	19 21.29	1.9812	.0043	51 42 52.6	15.318	.180	.1	3	51 37' 27"
1680	8.4	19 23.63	2.0659	.0050	49 27 3.0	15.321	.188	.1	3	49 43' 41"
1681	8.0	9 19 51.58	+1.9614	+0.0041	-52 17 9.7	-15.347	-0.177	.1	3	52 30' 10"
1682	8.0	20 15.01	2.0523	.0051	49 57 24.3	15.369	.186	.1	3	49 43' 52"
1683	9.0	20 18.36	2.0814	.0053	49 8 44.1	15.372	.188	.2	3	48 46' 37"
1684	8.8	20 18.52	2.1381	.0056	47 28 12.6	15.372	.194	.1	3	47 48' 75"
1685	9.0	20 26.98	2.0874	.0053	48 59 42.3	15.380	.189	.2	2	48 46' 42"
1686	8.3	9 20 39.04	+2.1423	+0.0057	-47 23 39.9	-15.391	-0.194	.2	3	47 48' 82"
1687	8.7	20 43.24	1.9834	.0044	51 51 21.4	15.395	.179	.2	2	51 37' 47"
1688	8.9	20 45.67	2.0965	.0054	48 46 44.3	15.397	.189	.2	3	48 46' 49"
1689	9.1	20 56.55	2.0438	.0050	50 17 27.8	15.408	.184	.2	3	50 40' 87"
1690	8.3	21 4.46	1.9983	.0046	51 31 24.3	15.415	.180	.2	3	51 37' 57"
1691	6.7	9 21 7.21	+2.1244	+0.0056	-48 0 26.5	-15.418	-0.191	.2	3	47 48' 90"
1692	7.8	21 32.56	1.9766	.0044	52 8 51.1	15.441	.177	.1	3	51 37' 64"
1693	6.7	21 48.91	2.0050	.0047	51 27 25.0	15.456	.180	.1	3	51 37' 67"
1694	8.9	22 9.65	2.1174	.0057	48 22 23.7	15.476	.190	.1	2	48 46' 66"
1695	8.8	22 36.24	2.1253	.0058	48 12 15.4	15.500	.190	.1	2	47 49' 13"
1696	8.0	9 22 42.02	+2.0636	+0.0054	-50 0 17.9	-15.505	-0.184	.2	3	49 43' 84"
1697*	8.0	22 45.49	2.0070	.0049	51 32 47.8	15.509	.179	.1	2	51 37' 85"
1698	8.9	22 46.89	2.1309	.0058	48 3 39.3	15.510	.190	.1	3	47 49' 17"
1699*	8.6	23 1.26	2.1344	.0059	47 59 32.6	15.523	.190	.2	2	47 49' 22"
1700	8.9	23 3.12	1.9855	.0046	52 8 38.6	15.525	.176	.2	3	51 37' 91"

1671 s 13° 0' 2 S. 1697 s 10° 0' 8 S. 1699 p 1° 0' 4 N.

N°	Mag.	$\alpha$ 1935.0	Prcc.	Var. Sec.	$\delta$ 1935.0	Prcc.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1701*	8.1	9 <sup>h</sup> 23 <sup>m</sup> 10. <sup>s</sup> 17	+2. <sup>o</sup> 0152	+0. <sup>o</sup> 0050	—51 <sup>o</sup> 23' 27. <sup>o</sup> 0	—15. <sup>o</sup> 532	—0. <sup>o</sup> 179	.2	3	51 <sup>o</sup> 3793
1702	8.9	23 22.61	2.0922	.0056	49 17 46.0	15.543	.186	.2	3	49 4390
1703	8.0	23 48.20	2.1550	.0061	47 28 45.4	15.566	.191	.2	3	47 4935
1704	8.5	24 1.19	2.0090	.0050	51 40 51.2	15.578	.178	.2	3	51 3809
1705	8.8	24 13.36	2.1346	.0060	48 10 13.1	15.590	.189	.1	3	47 4947
1706	8.2	9 24 14.80	+2.0399	+0.0053	—50 53 31.7	—15.591	—0.180	.2	3	50 4147
1707	9.0	24 21.11	2.0720	.0056	50 1 7.6	15.597	.183	.1	3	49 4402
1708	8.3	24 38.20	2.0199	.0051	51 29 12.3	15.612	.178	.1	3	51 3824
1709	7.5	24 40.52	2.1289	.0060	48 24 39.9	15.614	.188	.1	3	48 4707
1710	8.6	24 50.77	1.9924	.0049	52 14 10.9	15.624	.175	.1	3	51 3828
1711	8.7	9 24 51.78	+1.9946	+0.0049	—52 10 58.2	—15.625	—0.175	.1	2	51 3830
1712	8.4	24 56.38	2.1252	.0060	48 33 46.6	15.629	.187	.2	3	48 4712
1713	7.7	24 59.94	2.1434	.0061	48 1 19.1	15.632	.189	.2	2	47 4955
1714	8.6	25 54.30	2.1210	.0061	48 50 22.7	15.682	.186	.2	3	48 4723
1715	7.6	26 4.03	2.1039	.0060	49 22 10.8	15.690	.184	.2	3	49 4417
1716	8.8	9 26 19.36	+2.1445	+0.0063	—48 11 38.1	—15.704	—0.188	.2	3	47 4971
1717	8.8	26 42.06	2.1526	.0064	48 0 11.0	15.725	.188	.2	3	47 4976
1718	8.0	27 5.64	2.0094	.0053	52 8 21.5	15.746	.175	.2	3	51 3865
1719	7.8	27 13.85	2.1415	.0064	48 25 43.0	15.754	.186	.1	3	48 4748
1720	7.3	27 22.20	2.0779	.0059	50 19 6.0	15.761	.180	.2	3	50 4197
1721	6.7	9 27 51.97	+2.0479	+0.0057	—51 13 52.1	—15.788	—0.177	.1	2	50 4204
1722	8.5	28 7.29	2.0200	.0055	52 1 9.5	15.802	.174	.1	3	51 3880
1723	9.0	28 12.55	2.1819	.0066	47 19 8.7	15.806	.189	.1	3	47 4996
1724	8.3	28 33.44	2.1252	.0064	49 7 48.0	15.826	.183	.1	3	48 4764
1725	6.8	28 57.60	2.1748	.0067	47 39 55.1	15.847	.187	.1	3	47 5002
1726	8.8	9 29 20.81	+2.0660	+0.0060	—50 57 51.7	—15.867	—0.177	.2	3	50 4230
1727	9.0	29 26.46	2.0415	.0058	51 39 5.8	15.872	.175	.2	2	51 3902
1728	8.0	29 40.44	2.1708	.0068	47 54 27.3	15.885	.186	.2	3	47 5007
1729	8.0	29 46.60	2.1322	.0066	49 6 49.6	15.890	.182	.2	3	48 4778
1730	8.7	30 30.27	2.1160	.0065	49 42 56.1	15.929	.180	.2	3	49 4485
1731	9.0	9 31 3.62	+2.1870	+0.0070	—47 37 4.3	—15.958	—0.186	.2	3	47 5024
1732*	8.0	31 20.19	2.1289	.0067	49 28 3.6	15.973	.181	.2	3	49 4502
1733*	5.6	31 24.48	2.1540	.0069	48 42 55.5	15.977	.183	.2	3	48 4802
1734*	8.2	31 27.54	2.1306	.0068	49 26 8.0	15.980	.181	.1	3	49 4504
1735	9.3	31 27.71	2.1491	.0069	48 52 25.0	15.980	.182	.1	3	48 4803
1736	5.4	9 31 53.52	+2.0805	+0.0064	—50 57 54.8	—16.002	—0.176	.1	2	50 4270
1737	9.0	32 0.69	2.1040	.0066	50 18 42.9	16.009	.178	.1	3	50 4271
1738	6.8	32 31.73	2.0565	.0063	51 44 17.3	16.036	.173	.1	3	51 3953
1739	8.1	32 32.10	2.1083	.0067	50 16 18.9	16.036	.178	.1	3	50 4276
1740	8.5	32 39.92	2.1644	.0071	48 35 55.5	16.043	.182	.2	3	48 4815
1741	8.8	9 32 55.91	+2.1912	+0.0072	—47 47 30.0	—16.058	—0.184	.2	3	47 5044
1742	8.7	32 56.05	2.1581	.0071	48 50 21.8	16.058	.182	.2	3	48 4818
1743*	9.0	33 1.70	2.1627	.0071	48 42 44.5	16.062	.182	.2	3	48 4821
1744	8.6	33 16.46	2.1795	.0072	48 13 20.6	16.075	.183	.2	3	47 5048
1745	9.0	33 18.98	2.1669	.0072	48 37 45.5	16.077	.182	.2	3	48 4824
1746	8.5	9 33 50.87	+2.0745	+0.0066	—51 27 10.0	—16.105	—0.173	.2	2	51 3977
1747	8.1	34 1.46	2.0465	.0064	52 15 8.5	16.114	.171	.2	3	51 3979
1748	8.0	34 2.80	2.0839	.0067	51 13 16.6	16.115	.174	.1	3	50 4299
1749*	6.8	34 3.78	2.1762	.0073	48 27 31.2	16.116	.182	.1	3	48 4831
1750	4.9	34 29.84	2.1593	.0073	49 3 46.5	16.139	.180	.1	2	48 4836

1701 s 6° 2' N. 1732 s 8° \* 8.0 0' 2 N. 1733 doble tomé sig. 1734 p 8° \* 7.8 2' S. 1743 doble. 1749 doble.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1751	9.0	9 <sup>h</sup> 34 <sup>m</sup> 33 <sup>s</sup> .55	+2.1782	+0.0074	-48°28'45".3	-16".142	-0".181	.1	3	48°48'37"
1752	9.0	34 42.74	2.1814	.0074	48 24 16.0	16.150	.182	.1	3	48 48'41"
1753	9.1	35 8.68	2.0922	.0069	51 10 3.1	16.172	.173	.2	3	50 43'20"
1754	7.5	35 9.47	2.1421	.0072	49 42 6.0	16.173	.178	.1	3	49 45'46"
1755	7.9	35 44.57	2.1845	.0076	48 28 44.5	16.203	.181	.2	3	48 48'58"
1756	9.0	9 35 49.86	+2.2108	+0.0077	-47 38 20.5	-16.208	-0.183	.2	3	47 50'81"
1757	9.0	35 59.13	2.2239	.0081	47 13 43.9	16.215	.184	.2	3	46 53'61"
1758	8.8	35 59.79	2.0531	.0066	52 23 57.5	16.216	.169	.2	3	52 32'46"
1759	8.5	36 29.58	2.1326	.0074	50 12 47.1	16.242	.175	.2	3	49 45'62"
1760	7.8	36 36.50	2.1801	.0076	48 46 0.4	16.247	.179	.2	3	48 48'72"
1761	9.0	9 36 45.23	+2.1228	+0.0073	-50 33 0.8	-16.255	-0.174	.1	3	50 43'53"
1762	9.0	36 47.61	2.2052	.0078	47 59 13.1	16.257	.181	.2	3	47 50'95"
1763	9.0	36 58.79	2.2227	.0078	47 26 22.7	16.266	.182	.1	3	47 51'00"
1764	9.0	37 16.04	2.2165	.0078	47 41 49.5	16.281	.182	.1	2	47 51'04"
1765	7.8	37 17.12	2.2092	.0078	47 56 32.0	16.282	.181	.1	3	47 51'05"
1766	7.4	9 37 26.14	+2.1502	+0.0076	-49 50 34.9	-16.290	-0.176	.1	3	49 45'78"
1767	9.0	37 28.93	2.1049	.0073	51 11 53.9	16.292	.172	.1	3	50 43'67"
1768	8.9	38 6.23	2.1906	.0079	48 41 18.3	16.324	.178	.2	3	48 48'91"
1769	8.9	38 45.76	2.2299	.0081	47 30 23.4	16.357	.181	.2	3	47 51'23"
1770	8.7	38 53.08	2.1322	.0077	50 38 8.1	16.363	.172	.2	3	50 43'89"
1771*	9.0	9 38 56.69	+2.1250	+0.0076	-50 51 42.5	-16.366	-0.172	.2	3	50 43'91"
1772	7.6	38 58.62	2.1090	.0076	51 20 9.4	16.368	.170	.2	3	51 40'68"
1773	8.7	39 15.70	2.0788	.0073	52 14 30.5	16.382	.168	.2	3	51 40'75"
1774	8.8	39 24.29	2.1163	.0076	51 11 50.2	16.390	.171	.2	3	50 43'99"
1775	8.9	40 7.39	2.1317	.0078	50 51 59.0	16.426	.171	.2	3	50 44'05"
1776	8.8	9 40 18.04	+2.0929	+0.0075	-52 1 37.6	-16.434	-0.168	.1	3	51 40'89"
1777	8.6	40 30.79	2.1675	.0081	49 50 40.3	16.445	.174	.1	3	49 46'27"
1778	7.0	41 8.69	2.1356	.0080	50 55 46.3	16.477	.170	.1	3	50 44'20"
1779	8.8	41 15.54	2.1262	.0079	51 13 44.5	16.482	.169	.1	3	50 44'25"
1780	8.6	41 22.84	2.1648	.0082	50 4 55.2	16.488	.172	.1	3	49 46'39"
1781	8.2	9 41 23.35	+2.1983	+0.0084	-49 1 14.7	-16.489	-0.175	.1	3	48 49'47"
1782	8.5	41 31.16	2.2355	.0085	47 48 33.1	16.495	.178	.2	3	47 51'66"
1783	8.8	41 42.13	2.2421	.0085	47 36 56.2	16.504	.179	.2	3	47 51'69"
1784	8.0	41 43.72	2.1344	.0080	51 4 6.2	16.506	.170	.2	3	50 44'32"
1785	7.5	42 12.51	2.2261	.0085	48 14 58.1	16.529	.176	.2	3	47 51'82"
1786	8.8	9 42 15.43	+2.1555	+0.0083	-50 31 31.4	-16.532	-0.171	.2	3	50 44'40"
1787	8.8	42 26.26	2.2585	.0086	47 10 50.8	16.541	.179	.2	3	46 54'63"
1788	7.6	42 31.13	2.1832	.0084	49 42 36.7	16.545	.173	.2	3	49 46'52"
1789	8.7	42 34.96	2.1683	.0084	50 11 14.4	16.548	.171	.2	3	49 46'54"
1790*	8.0	42 38.73	2.2001	.0085	49 11 20.1	16.551	.174	.1	3	48 49'62"
1791*	8.4	9 42 40.58	+2.2003	+0.0085	-49 11 13.4	-16.553	-0.174	.1	3	48 49'63"
1792	8.5	42 50.99	2.2306	.0086	48 12 54.4	16.561	.176	.1	3	47 51'94"
1793	8.2	42 59.56	2.1920	.0085	49 30 41.8	16.568	.173	.1	3	49 46'57"
1794	7.9	43 25.09	2.1135	.0081	51 59 3.6	16.589	.166	.1	3	51 41'40"
1595	8.2	43 38.92	2.2609	.0088	47 19 5.7	16.600	.178	.1	3	47 52'14"
1796	8.4	9 43 39.67	+2.1623	+0.0085	-50 34 9.6	-16.601	-0.170	.2	3	50 44'81"
1797	8.3	43 52.75	2.2180	.0087	48 49 30.3	16.612	.174	.2	3	48 49'83"
1798	7.5	44 14.72	2.1752	.0086	50 16 28.4	16.630	.170	.2	3	49 46'74"
1799*	9.0	44 14.73	2.1494	.0084	51 4 18.0	16.630	.168	.2	3	50 44'95"
1800	8.8	44 34.34	2.2630	.0089	47 24 47.9	16.645	.177	.2	3	47 52'31"

1771 doble tomé prec. 1790 s 1<sup>s</sup> \* 8.4 o'1 N. 1791 p 1<sup>s</sup> \* 8.0 o'1 S. 1799 p 12<sup>s</sup> o'4 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1801	9.0	9 <sup>h</sup> 44 <sup>m</sup> 56 <sup>s</sup> .45	+2.2681	+0.0090	—47° 18' 47.6	—16.664	—0.177	.2	2	47° 5237
1802	6.8	45 20.73	2.2014	.0088	49 38 27.1	16.683	.171	.2	3	49 4692
1803	8.4	45 41.20	2.2427	.0091	48 19 33.8	16.700	.174	.2	3	48 5011
1804	8.4	45 43.66	2.2760	.0091	47 9 59.7	16.702	.176	.1	3	46 5524
1805	8.8	45 59.65	2.1731	.0088	50 39 38.9	16.715	.168	.1	3	50 4527
1806	8.8	9 46 8.62	+2.1226	+0.0085	—52 12 47.7	—16.722	—0.164	.1	3	51 4196
1807	8.9	46 18.83	2.1390	.0086	51 45 42.5	16.730	.165	.1	3	51 4197
1808	9.0	46 20.29	2.1740	.0088	50 41 45.3	16.731	.168	.1	3	50 4532
1809	8.2	46 29.07	2.2676	.0092	47 36 33.8	16.738	.175	.1	3	47 5267
1810	7.9	46 30.40	2.1214	.0086	52 19 0.0	16.739	.163	.2	3	52 3377
1811	8.2	9 46 57.59	+2.1885	+0.0091	—50 21 21.5	—16.761	—0.168	.2	3	50 4549
1812	8.2	47 14.19	2.1426	.0088	51 49 24.0	16.774	.164	.2	3	51 4213
1813	8.2	47 30.91	2.2722	.0094	47 38 36.1	16.788	.174	.2	3	47 5287
1814	8.8	47 37.80	2.2192	.0092	49 29 5.5	16.793	.170	.2	3	49 4727
1815	8.0	47 41.08	2.1939	.0092	50 19 13.7	16.796	.168	.2	3	50 4563
1816	8.3	9 47 45.78	+2.2251	+0.0093	—49 18 53.3	—16.799	—0.170	.2	3	49 4730
1817	7.8	47 56.46	2.2013	.0093	50 7 51.0	16.808	.168	.2	3	49 4733
1818	8.4	47 58.63	2.2046	.0093	50 1 52.2	16.810	.166	.1	3	49 4734
1819	9.0	47 30.39	2.1710	.0092	51 11 53.5	16.835	.165	.1	3	50 4572
1820	9.0	49 1.47	2.1600	.0092	51 38 6.6	16.859	.163	.1	3	51 4248
1821*	7.8	9 50 0.46	+2.1426	+0.0092	—52 20 35.1	—16.906	—0.161	.1	3	52 3423
1822	7.7	50 14.85	2.1749	.0095	51 24 23.9	16.917	.163	.1	3	51 4265
1823	7.5	50 34.13	2.1838	.0096	51 11 26.9	16.932	.163	.1	3	50 4603
1824	7.5	50 39.27	2.1646	.0095	51 48 9.9	16.936	.162	.2	3	51 4273
1825	7.8	50 43.29	2.2620	.0099	49 37 21.8	16.939	.169	.2	3	48 5100
1826	9.0	9 50 47.91	+2.2029	+0.0097	—50 37 31.9	—16.943	—0.164	.2	3	50 4608
1827	6.6	51 26.95	2.2002	.0098	50 50 20.6	16.973	.163	.2	3	50 4622
1228	9.0	51 47.29	2.1831	.0098	51 26 58.8	16.989	.162	.2	3	51 4295
1829	9.0	52 2.11	2.2569	.0100	49 3 31.4	17.000	.167	.2	2	48 5122
1830	5.6	52 26.10	2.2336	.0100	49 56 8.5	17.019	.165	.2	3	49 4801
1831	9.0	9 52 35.77	+2.2172	+0.0100	—50 30 39.0	—17.026	—0.163	.1	3	50 4640
1832	9.3	52 35.77	2.1595	.0098	52 20 2.3	17.026	.159	.1	3	52 3444
1833	8.8	52 35.93	2.2118	.0100	50 41 20.5	17.026	.163	.2	3	50 4639
1834*	8.5	53 17.68	2.1749	.0100	51 59 51.0	17.058	.159	.1	3	51 4321
1835	9.0	53 33.26	2.1770	.0100	51 59 5.7	17.070	.159	.1	3	51 4325
1836	7.2	9 53 51.32	+2.3117	+0.0104	—47 26 40.3	—17.084	—0.169	.1	3	47 5381
1837	7.8	53 57.52	2.2946	.0104	48 6 1.4	17.089	.168	.1	3	47 5385
1838	6.8	53 58.06	2.2098	.0102	51 1 35.1	17.089	.161	.2	3	50 4662
1839	8.0	54 15.94	2.1962	.0102	51 31 18.6	17.103	.159	.2	3	51 4334
1840	7.8	54 20.77	2.3165	.0104	47 21 59.0	17.107	.168	.2	3	47 5387
1841	7.8	9 54 45.73	+2.2582	+0.0105	—49 33 36.1	—17.125	—0.164	.2	3	49 4831
1842	7.0	54 49.40	2.1740	.0102	52 19 42.6	17.128	.157	.2	3	52 3465
1843	8.4	54 54.32	2.2680	.0105	49 14 44.3	17.132	.164	.2	2	48 5168
1844	7.9	55 9.78	2.1992	.0104	51 36 25.8	17.144	.159	.2	3	51 4342
1845	6.3	55 12.78	2.3015	.0106	48 6 11.8	17.146	.166	.2	3	47 5399
1846	9.0	9 56 11.89	+2.2339	+0.0107	—50 40 53.5	—17.190	—0.159	.1	3	50 4701
1847	8.0	56 23.88	2.3325	.0107	47 10 40.8	17.199	.167	.1	3	46 5690
1848	8.2	56 27.87	2.3064	.0108	48 10 41.3	17.202	.165	.1	3	47 5414
1849	8.7	56 33.10	2.2681	.0108	49 34 57.5	17.206	.162	.1	3	49 4851
1850	8.8	57 8.94	2.2557	.0109	50 8 8.7	17.233	.161	.1	3	49 4859

1821 p 15\* \* 8.4 o!7 S. 1834 s 15\* \* 8.9 o!7 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1851	8.8	9 <sup>h</sup> 57 <sup>m</sup> 19 <sup>s</sup> .66	+2.2738	+0.0109	-49°32'27".8	-17.241	-0.162	.1	3	49°4863
1852	8.0	57 27.44	2.2996	.0110	48 38 21.5	17.247	.164	.2	3	48 5203
1853	8.5	57 34.95	2.2891	.0110	49 2 51.1	17.252	.163	.2	3	48 5205
1854	9.0	57 42.76	2.1958	.0108	52 13 50.2	17.258	.155	.2	3	51 4395
1855	8.6	58 8.78	2.2430	.0110	50 46 38.6	17.277	.158	.2	3	50 4729
1856	7.5	9 58 31.25	+2.2632	+0.0111	-50 9 52.0	-17.294	-0.160	.2	3	49 4876
1857	9.1	58 52.92	2.2417	.0112	50 58 32.5	17.310	.157	.2	2	50 4740
1858	9.0	59 3.02	2.2932	.0113	49 12 30.2	17.317	.161	.2	3	48 5226
1859	8.8	59 13.14	2.3373	.0113	47 35 21.0	17.325	.164	.1-2	2-3	47 5453
1860	8.5	59 26.19	2.2606	.0113	50 26 51.4	17.334	.158	.1	3	50 4750
1861	7.7	10 0 1.91	+2.3167	+0.0114	-48 32 52.1	-17.360	-0.161	.2	3	48 5241
1862*	8.9	0 43.96	2.2303	.0114	51 44 39.7	17.391	.154	.2	3	51 4435
1863*	8.4	0 45.51	2.2309	.0114	51 43 55.1	17.392	.154	.3	3	51 4436
1864	9.0	1 14.16	2.2625	.0116	50 45 48.4	17.413	.156	.3	3	50 4767
1865	8.8	1 28.30	2.3311	.0117	48 18 43.2	17.423	.161	.3	3	48 5257
1866	8.0	10 1 48.82	+2.3378	+0.0117	-48 7 50.0	-17.438	-0.161	.3	3	47 5500
1867	9.1	1 51.83	2.2730	.0117	50 31 52.6	17.440	.156	.3	3	50 4778
1868*	8.3	2 1.66	2.2465	.0117	51 28 56.4	17.447	.154	.3	2	51 4447
1869	7.6	2 27.57	2.2425	.0118	51 42 32.7	17.466	.153	.2	3	51 4451
1870	6.5	2 34.58	2.2641	.0119	50 59 49.9	17.471	.154	.2	3	50 4791
1871	8.7	10 2 41.98	+2.3595	+0.0118	-47 28 21.2	-17.476	-0.161	.2	2	47 5513
1872	8.8	3 7.17	2.2288	.0119	52 18 27.5	17.494	.151	.2	3	52 3569
1873	8.3	3 20.48	2.2368	.0119	52 5 21.3	17.503	.152	.2	3	51 4466
1874	9.0	3 31.14	2.3304	.0120	48 47 29.6	17.511	.158	.2	2	48 5286
1875	7.5	3 41.32	2.2456	.0120	51 52 15.2	17.518	.152	.2	3	51 4471
1876	8.9	10 3 47.45	+2.2840	+0.0121	-50 33 55.2	-17.522	-0.154	.3	3	50 4806
1877	8.7	3 54.16	2.2509	.0121	51 44 21.7	17.527	.152	.3	2	51 4473
1878	8.9	4 8.94	2.3235	.0121	49 11 35.7	17.538	.156	.3	3	48 5302
1879	8.5	4 20.99	2.3126	.0122	49 38 56.2	17.546	.156	.3	3	49 4956
1880	9.2	4 23.35	2.2365	.0122	52 19 41.1	17.548	.150	.3	3	52 3585
1881	7.8	10 4 23.54	+2.2823	+0.0122	-50 45 36.2	-17.548	-0.153	.3	3	50 4813
1882	7.8	4 43.84	2.2421	.0122	52 13 1.5	17.562	.150	.2	3	51 4485
1883	8.4	4 56.34	2.3536	.0122	48 12 23.3	17.571	.158	.2	3	47 5560
1884	6.8	5 2.03	2.3608	.0122	47 56 32.6	17.575	.158	.2	3	47 5561
1885	9.0	5 16.05	2.2895	.0124	50 41 48.4	17.585	.153	.2	3	50 4824
1886*	9.0	10 6 6.69	+2.2745	+0.0125	-51 25 5.3	-17.620	-0.151	.2	3	51 4498
1887	9.0	6 17.34	2.3019	.0126	50 28 42.8	17.628	.152	.2	4	50 4836
1888	9.0	6 20.69	2.3137	.0126	50 3 22.3	17.630	.153	.2	3	49 4992
1889	8.3	6 24.02	2.3537	.0125	48 32 11.9	17.632	.156	.3	3	48 5340
1890	6.5	6 28.16	2.2747	.0126	51 29 30.6	17.635	.150	.3	3	51 4507
1891	8.4	10 6 29.15	+2.3303	+0.0126	-49 27 51.1	-17.636	-0.154	.3	3	49 4994
1892	7.8	6 31.84	2.3682	.0125	47 59 15.4	17.638	.157	.3	3	47 5576
1893	8.8	6 47.77	2.3094	.0127	50 19 12.1	17.649	.152	.3	3	50 4847
1894	7.8	7 39.50	2.3818	.0127	47 41 36.3	17.684	.156	.3	3	47 5601
1895	8.5	7 56.96	2.3023	.0129	50 50 38.8	17.696	.150	.2	3	50 4868
1896	8.1	10 8 32.33	+2.3151	+0.0130	-50 30 33.0	-17.720	-0.150	.2	3	50 4878
1897	9.0	8 35.51	2.2658	.0130	52 16 56.4	17.723	.147	.2	3	51 4541
1898	9.0	8 39.28	2.3112	.0130	50 40 42.1	17.725	.150	.2	3	50 4880
1899	9.0	8 45.17	2.3041	.0131	50 57 48.7	17.729	.149	.2	3	50 4882
1900	8.0	8 52.40	2.3263	.0131	50 10 9.2	17.734	.150	.2	4	49 5032

1862 s 1° \* 8.1 0'6 N    1863 p. 1° \* 8.7 0'6 S.    1868 =  $\alpha$  0'2 N.    1886 p 12° \* 9.3 1' S.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1901	9.1	10 <sup>b</sup> 8 <sup>m</sup> 56 <sup>s</sup> .29	+2.3393	+0.0131	-49°41' 9".3	-17.737	-0.151	.2	3	49°5033
1902	9.1	9 11.84	2.3456	.0131	49 30 13.7	17.747	.151	.3	3	49 5037
1903	8.9	9 15.86	2.3374	.0132	49 50 6.7	17.750	.151	.3	3	49 5039
1904	9.0	9 35.81	2.3741	.0131	48 27 56.1	17.763	.153	.3	3	48 5400
1905	6.6	9 54.37	2.2871	.0133	51 50 31.6	17.776	.147	.3	3	51 4560
1906	9.0	10 10 12.04	+2.3097	+0.0134	-51 5 41.2	-17.787	-0.148	.3	2-3	50 4912
1907	8.2	10 20.46	2.4096	.0131	47 9 20.6	17.793	.154	.2	3	46 5923
1908	7.5	10 28.49	2.4000	.0131	47 35 49.4	17.798	.153	.3	3	47 5655
1909	9.0	10 34.58	2.3208	.0135	50 46 33.1	17.802	.148	.2	3	50 4919
1910	8.0	10 45.12	2.3348	.0135	50 17 17.0	17.809	.148	.2	3	49 5060
1911*	8.6	10 10 49.70	+2.3274	+0.0135	-50 35 6.8	-17.812	-0.148	.2	3	50 4923
1912	6.5	10 52.02	2.3190	.0135	50 54 36.2	17.814	.147	.2	3	50 4924
1913	6.5	10 58.17	2.3054	.0136	51 25 59.3	17.818	.146	.2	4	51 4578
1914	8.0	11 0.02	2.3402	.0135	50 8 23.4	17.819	.149	.2	3	49 5062
1915	8.7	11 14.91	2.4022	.0133	47 41 37.8	17.829	.153	.3	3	47 5672
1916	9.0	10 11 32.18	+2.3870	+0.0135	-48 24 2.7	-17.840	-0.151	.3	3	48 5437
1917	9.0	11 47.51	2.3432	.0136	50 12 44.6	17.851	.148	.3	3	49 5075
1918	8.2	11 57.89	2.3104	.0138	51 29 27.5	17.858	.145	.3	3	51 4592
1919	9.0	12 24.22	2.3631	.0137	49 34 53.8	17.875	.148	.3	2	49 5083
1920	9.2	12 34.71	2.3918	.0137	48 27 17.4	17.882	.150	.3	3	48 5459
1921	7.7	10 12 55.48	+2.4123	+0.0136	-47 40 7.8	-17.895	-0.151	.2	3	47 5701
1922	8.0	12 59.33	2.3835	.0138	48 54 0.3	17.898	.149	.2	3	48 5469
1923	8.2	13 4.70	2.3998	.0137	48 14 25.6	17.902	.150	.2	3	47 5704
1924	8.5	13 8.17	2.3329	.0140	50 55 57.2	17.904	.145	.2	3	50 4966
1925	7.4	13 14.61	2.3614	.0139	49 51 11.1	17.908	.147	.2	3	49 5095
1926*	7.8	10 13 17.16	+2.2962	+0.0140	-52 19 10.8	-17.910	-0.143	.2	4	52 3681
1927*	8.0	13 19.07	2.2961	.0140	52 19 44.7	17.911	.143	.2	3	52 3682
1928	8.2	13 20.41	2.3088	.0140	51 52 47.3	17.912	.143	.3	3	51 4610
1929	9.0	13 47.27	2.3776	.0140	49 20 20.3	17.929	.147	.3	3	49 5100
1930	7.6	14 7.91	2.3407	.0142	50 52 47.7	17.943	.146	.3	3	50 4990
1931	8.9	10 14 10.30	+2.3875	+0.0140	-49 2 22.0	-17.944	-0.147	.3	3	48 5487
1932*	7.7	14 53.35	2.3736	.0142	49 46 18.4	17.972	.146	.3	2	49 5125
1933	8.7	14 55.47	2.4248	.0140	47 37 18.3	17.974	.149	.3	3	47 5745
1934	6.5	15 1.04	2.4146	.0140	48 5 33.0	17.977	.148	.2	3	47 5748
1935	9.0	15 12.93	2.3550	.0144	50 35 38.7	17.985	.144	.2	3	50 5015
1936	8.9	10 15 26.09	+2.3368	+0.0145	-51 21 7.3	-17.993	-0.142	.2	3	51 4637
1937	8.3	15 27.04	2.3297	.0145	51 37 14.3	17.994	.142	.2	3	51 4638
1938	8.6	15 27.40	2.4090	.0142	48 26 26.9	17.994	.147	.2	3	48 5504
1939	8.0	15 38.36	2.3602	.0145	50 29 52.3	18.001	.144	.2	4	50 5024
1940	8.0	15 49.82	2.3220	.0146	52 0 18.6	18.009	.141	.2	3	51 4651
1941	8.4	10 15 51.54	+2.3112	+0.0146	-52 24 26.6	-18.010	-0.140	.3	3	52 3703
1942	8.2	16 1.76	2.3389	.0146	51 25 10.8	18.016	.142	.3	3	51 4652
1943	8.6	16 3.37	2.3854	.0144	49 35 11.5	18.020	.145	.3	3	49 5140
1944	7.4	16 28.38	2.3682	.0146	50 23 22.8	18.033	.143	.3	3	50 5046
1945	7.2	17 12.86	2.4377	.0144	47 38 2.6	18.061	.147	.3	3	47 5782
1946	7.9	10 17 19.34	+2.3520	+0.0148	-51 14 27.6	-18.065	-0.141	.3	3	50 5055
1947	6.0	17 37.45	2.4459	.0144	47 22 18.5	18.077	.146	.2	3	47 5790
1948	7.9	17 40.18	2.3271	.0150	52 16 27.7	18.079	.139	.2	3	51 4673
1949	8.4	17 40.83	2.3380	.0150	51 52 0.9	18.079	.140	.2	3	51 4674
1950*	8.0	17 55.15	2.3590	.0150	51 7 20.9	18.088	.141	.2	3	50 5065

1911 p 4° 0.7' N.    1926 s 2° \* 7.8 1' S.    1927 p 2° \* 7.8 1' N.    1932 roja.    1950 s 33° \* 8.8 1' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
1951	7.0	10 <sup>h</sup> 18 <sup>m</sup> 8.44	+2.4517	+0.0144	-47° 14' 16.6	-18.096	-0.146	.2	3	46° 60' 27
1952	8.2	18 8.68	2.3548	.0150	51 20 37.2	18.096	.140	.2	4	51 4680
1953*	8.8	18 28.35	2.3630	.0151	51 6 23.5	18.109	.140	.2	3	50 5069
1954*	8.4	18 37.82	2.3560	.0152	51 25 15.9	18.115	.139	.2	3	51 4690
1955*	8.8	18 40.33	2.3571	.0152	51 23 11.6	18.116	.139	.3	3	51 4691
1956	8.9	10 18 40.33	+2.3434	+0.0153	-51 54 57.0	-18.116	-0.138	.3	3	51 4692
1957*	8.6	18 46.39	2.3571	.0152	51 24 47.6	18.120	.139	.3	3	51 4693
1958	9.1	18 56.53	2.3709	.0152	50 54 51.2	18.126	.140	.3	3	50 5078
1959	9.0	18 56.75	2.4153	.0149	49 4 21.0	18.126	.143	.3	3	48 5565
1960	8.7	19 2.28	2.3515	.0153	51 42 5.1	18.130	.139	.2	3	51 4701
1961	8.4	10 19 3.95	+2.3752	+0.0152	-50 46 20.6	-18.131	-0.140	.2	3	50 5081
1962*	9.0	19 8.23	2.4073	.0150	49 27 46.0	18.134	.142	.2	3	49 5186
1963*	8.8	19 27.55	2.4098	.0151	49 26 29.6	18.146	.141	.2	3	49 5191
1964	8.3	19 28.41	2.4155	.0151	49 12 7.9	18.146	.142	.2	3	48 5574
1965	7.8	19 31.25	2.4212	.0150	48 57 53.4	18.148	.142	.2	4	48 5576
1966	7.5	10 19 42.41	+2.4519	+0.0148	-47 38 33.4	-18.155	-0.144	.2	3	47 5825
1967	7.9	20 6.87	2.3692	.0155	51 17 4.8	18.170	.138	.3	3	50 5097
1968	7.9	20 31.02	2.3985	.0155	50 11 54.4	18.185	.139	.3	3	49 5205
1969	8.3	20 48.82	2.4046	.0155	50 1 11.9	18.196	.139	.3	2-3	49 5210
1970	8.8	20 49.33	2.4218	.0153	49 17 9.0	18.196	.140	.3	3	48 5598
1971	8.6	10 21 0.18	+2.4263	+0.0153	-49 8 11.8	-18.203	-0.140	.3	3	48 5601
1972	9.1	21 8.27	2.4255	.0154	49 12 38.3	18.207	.141	.3	3	48 5603
1973	9.0	21 28.23	2.4350	.0154	48 52 45.4	18.220	.140	.2	3	48 5608
1974	9.0	21 37.17	2.3519	.0159	52 21 33.7	18.225	.135	.2	3	52 3749
1975	8.9	22 9.14	2.3780	.0159	51 28 22.0	18.244	.136	.2	3	51 4744
1976*	8.4	10 22 19.57	+2.3603	+0.0160	-52 13 16.9	-18.251	-0.134	.2	5	51 4746
1977	7.5	22 28.55	2.4208	.0158	49 46 32.5	18.256	.138	.2	3	49 5235
1978*	7.9	22 42.90	2.3626	.0161	52 14 4.7	18.265	.134	.2	2	51 4749
1979	9.0	23 15.27	2.4592	.0156	48 16 13.3	18.284	.139	.2	3	47 5881
1980	8.2	23 56.46	2.4350	.0160	49 33 13.2	18.309	.137	.3	3	49 5257
1981*	7.0	10 24 2.07	+2.4836	+0.0155	-47 19 38.5	-18.312	-0.140	.3	2	47 5895
1982	8.0	24 10.93	2.4012	.0163	51 4 37.3	18.317	.134	.3	2-4	50 5148
1983	9.1	24 19.34	2.3721	.0165	52 17 40.9	18.322	.132	.3	3	51 4769
1984	8.0	24 27.88	2.4295	.0162	49 56 31.9	18.327	.136	.3	3	49 5264
1985	8.6	24 29.37	2.4407	.0161	49 27 21.1	18.328	.136	.3	3	49 5265
1986	8.9	10 24 30.74	+2.4434	+0.0161	-49 20 24.2	-18.329	-0.136	.2	3	49 5266
1987	8.7	24 33.64	2.4006	.0164	51 12 16.7	18.331	.134	.2	3	50 5156
1988	9.1	24 36.02	2.4217	.0163	50 19 19.8	18.332	.135	.2	3	50 5157
1989*	8.6	24 37.56	2.4870	.0157	47 19 52.7	18.333	.139	.2	3	47 5901
1990	8.0	25 3.08	2.4026	.0165	51 15 30.1	18.348	.133	.2	3	50 5162
1991	7.7	10 25 14.15	+2.4832	+0.0158	-47 41 18.8	-18.354	-0.138	.2	3	47 5908
1992	8.0	25 18.55	2.4572	.0161	48 56 14.3	18.357	.136	.2	3	48 5654
1993	6.6	25 21.98	2.4546	.0162	49 4 21.1	18.359	.136	.3	3	48 5655
1994*	9.0	25 43.95	2.3835	.0169	52 13 47.8	18.372	.131	.3	3	51 4783
1995	8.5	25 51.55	2.4135	.0167	51 1 26.9	18.376	.133	.3	3-4	50 5176
1996	8.4	10 25 54.50	+2.4205	+0.0167	-50 44 21.3	-18.378	-0.133	.3	3	50 5177
1997	9.0	26 0.51	2.4043	.0168	51 27 9.8	18.381	.133	.3	3	51 4787
1998	8.5	26 11.62	2.4801	.0161	48 6 27.8	18.388	.136	.3	3	47 5919
1999	8.9	26 14.04	2.3912	.0169	52 3 21.8	18.389	.131	.2	3	51 4790
2000	8.0	26 18.23	2.4693	.0163	48 39 20.7	18.392	.135	.2	2	48 5670

1953 p 33° \* 7.7 1' S.    1954 s 2° \* 8.6 2' N.    1955 p 2° \* 8.7 2' S.    1957 { p 8° \* 8.7 0' 6 S.    1962 s 19° \*  
8.6 1' 2 N.    1963 p 19° \* 8.7 1' 2 S.    1976 s 20° \* 7' 2 1' S.    1978 p 20° \* 0' 5 N.    1981 s 36° \* 8.6 1' S.    1989 p  
36° \* 7.0 1' S.    1994 doble tomé sig.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2001	9.0	10 <sup>h</sup> 26 <sup>m</sup> 23 <sup>s</sup> .67	+2.4950	+0.0160	-47° 26' 35".6	-18.395	-0.137	.2	3	47° 59' 24"
2002	9.0	26 26.18	2.4711	.0163	48 36 21.1	18.396	.135	.2	3	48 56' 74"
2003	8.8	26 53.43	2.3865	.0172	52 25 58.1	18.412	.130	.2	3	52 37' 90"
2004	8.8	27 8.61	2.4113	.0171	51 28 45.0	18.421	.131	.2	3	51 47' 99"
2005	8.9	27 36.92	2.3910	.0173	52 27 19.6	18.437	.129	.2	3	52 38' 00"
2006	8.3	10 27 38.30	+2.4941	+0.0163	-47 50 49.0	-18.438	-0.135	.3	3	47 59' 38"
2007	8.9	28 50.80	2.4277	.0174	51 15 59.7	18.479	.129	.3	3	50 52' 14"
2008	7.8	29 14.53	2.4157	.0176	51 53 50.2	18.492	.128	.3	3-4	51 48' 25"
2009	8.7	29 25.68	2.4788	.0170	49 6 59.7	18.499	.131	.3	3	48 57' 13"
2010	8.6	29 45.63	2.4079	.0178	52 22 30.2	18.510	.127	.3	3	52 38' 20"
2011	8.5	10 30 6.88	+2.4265	+0.0178	-51 41 32.1	-18.522	-0.127	.3	3	51 48' 35"
2012	8.9	30 7.82	2.4687	.0173	49 48 3.4	18.522	.130	.2	3	49 53' 48"
2013	8.5	30 23.53	2.4397	.0177	51 11 50.0	18.531	.128	.2	3	50 52' 30"
2014	9.1	30 43.49	2.5187	.0168	47 31 23.6	18.542	.132	.2	3	47 59' 75"
2015*	8.7	31 12.17	2.4550	.0178	50 45 8.3	18.558	.127	.2	3	50 52' 35"
2016	8.4	10 31 12.70	+2.4733	+0.0176	-49 54 37.2	-18.558	-0.128	.2	3	49 53' 60"
2017	9.0	31 14.88	2.5281	.0168	47 11 40.1	18.559	.131	.2	3	46 62' 24"
2018	9.0	31 31.62	2.4253	.0182	52 9 31.4	18.569	.125	.3	3	51 48' 53"
2019	9.1	31 33.10	2.5177	.0171	47 49 52.4	18.569	.130	.2	3	47 59' 90"
2020	8.6	31 46.62	2.4972	.0174	48 55 44.9	18.577	.129	.3	3-4	48 57' 45"
2021	9.3	10 31 47.60	+2.4453	+0.0181	-51 22 4.8	-18.577	-0.126	.3	3	51 48' 55"
2022	8.9	32 11.79	2.4755	.0182	50 6 20.1	18.591	.127	.3	3	49 53' 69"
2023*	8.8	32 39.32	2.4462	.0183	51 35 15.8	18.606	.125	.3	3	51 48' 70"
2024	7.8	32 42.68	2.4843	.0179	49 50 30.8	18.607	.127	.3	3	49 53' 77"
2025	9.0	32 53.76	2.4449	.0184	51 43 6.5	18.613	.124	.2	3	51 48' 77"
2026	7.1	10 33 8.36	+2.5064	+0.0177	-48 53 37.8	-18.621	-0.127	.2	3	48 57' 64"
2027	8.7	33 9.17	2.5402	.0171	47 8 42.9	18.622	.129	.2	3	46 62' 57"
2028	8.7	33 9.36	2.4913	.0179	49 38 34.8	18.622	.127	.2	3	49 53' 88"
2029	8.5	33 10.61	2.4607	.0183	51 5 29.4	18.622	.125	.2	3	50 52' 64"
2030	8.5	33 26.27	2.4528	.0185	51 32 2.9	18.631	.124	.2	3	51 48' 82"
2031	8.0	10 33 33.09	+2.5356	+0.0173	-47 30 46.0	-18.635	-0.128	.2	3	47 60' 28"
2032	8.0	33 36.65	2.5349	.0174	47 34 22.7	18.636	.128	.2	3	47 60' 30"
2033	9.1	34 3.97	2.5003	.0181	49 29 3.0	18.651	.126	.3	3	49 53' 96"
2034	7.8	34 16.99	2.4799	.0184	52 32 24.0	18.658	.124	.3	2-3	50 52' 81"
2035	7.7	34 30.21	2.5406	.0175	47 33 1.1	18.665	.127	.3	3	47 60' 39"
2036	4.0	10 34 33.90	+2.5346	+0.0176	-47 53 18.4	-18.667	-0.127	.3	3	47 60' 42"
2037	8.1	34 35.52	2.5151	.0179	48 54 34.5	18.668	.126	.3	3	48 57' 85"
2038	9.1	34 38.60	2.4632	.0186	51 25 54.8	18.669	.123	.2	3	51 49' 02"
2039	9.1	34 42.01	2.4627	.0188	51 28 23.2	18.671	.122	.2	3	51 49' 03"
2040	8.8	35 27.83	2.5250	.0181	48 40 41.2	18.695	.125	.2	3	48 57' 95"
2041	8.5	10 35 59.09	+2.5141	+0.0184	-49 24 12.4	-18.712	-0.123	.2	3	49 54' 23"
2042	8.9	36 1.54	2.4898	.0188	50 37 6.3	18.713	.122	.2	3	50 53' 06"
2043	7.7	36 4.01	2.4511	.0194	52 25 32.1	18.714	.120	.2	3	52 38' 91"
2044*	9.3	36 17.57	2.4849	.0190	50 56 16.7	18.722	.121	.2	3	50 53' 12"
2045*	8.9	36 40.90	2.4871	.0191	50 57 31.6	18.734	.121	.3	3	50 53' 18"
2046	8.0	10 36 58.82	+2.5348	+0.0184	-48 39 27.6	-18.743	-0.124	.3	3	48 58' 20"
2047	7.2	37 13.35	2.5309	.0185	48 56 26.8	18.750	.122	.3	3	48 58' 22"
2048	7.3	37 17.09	2.4702	.0195	51 56 41.2	18.752	.119	.3	3	51 49' 38"
2049	8.5	37 40.81	2.5179	.0189	49 45 38.0	18.765	.121	.3	2-3	49 54' 45"
2050*	8.9	37 45.48	2.5399	.0184	48 38 41.2	18.767	.122	.2	3	48 58' 30"

2015 p 2<sup>s</sup> 0'6 S.    2023  $\left\{ \begin{array}{l} p 10^s 0'8 S. \\ s 7^s 0'6 S. \end{array} \right.$     2044 s 23<sup>s</sup> \* 9.0 1'4 S.    2045 p 23<sup>s</sup> \* 9.0 1'4 N.    2050 s 28<sup>s</sup> \* 8.7 = 5.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2051	8.8	10 <sup>h</sup> 37 <sup>m</sup> 53 <sup>s</sup> .74	+2.5016	+0.0193	-50°39' 4"0	-18.771	-0.120	.3	2	50°5332
2052*	8.2	38 3.47	2.5593	.0183	47 41 6.5	18.776	.123	.2	3	47 6099
2053*	8.9	38 13.07	2.5427	.0186	48 38 42.8	18.781	.122	.2	3	48 5836
2054	8.8	38 21.07	2.4819	.0197	51 44 45.4	18.785	.118	.2	3	51 4956
2055*	9.0	38 23.48	2.5611	.0183	47 41 42.8	18.786	.122	.2	3	47 6107
2056	9.0	10 39 6.33	+2.5244	+0.0193	-49 54 1.9	-18.808	-0.119	.3	3	49 5463
2057	9.0	39 16.97	2.5155	.0195	50 24 52.6	18.813	.119	.2	3	50 5350
2058	9.0	39 55.12	2.4954	.0200	51 37 6.3	18.832	.117	.2	2	51 4974
2059	7.0	40 14.61	2.5540	.0191	48 42 59.8	18.842	.119	.3	3	48 5861
2060	8.3	40 17.85	2.5623	.0189	48 16 42.3	18.844	.119	.3	3	47 6136
2061	9.0	10 40 40.12	+2.5494	+0.0193	-49 6 45.1	-18.855	-0.118	.3	3	48 5870
2062	9.0	41 13.33	2.5504	.0195	49 14 46.1	18.871	.117	.3	3	48 5880
2063	7.5	41 20.41	2.5637	.0192	48 33 18.4	18.875	.118	.3	3	48 5881
2064	7.0	41 26.51	2.5067	.0204	51 34 55.5	18.878	.115	.2	3	51 4988
2065	9.0	41 26.52	2.5014	.0205	51 50 41.7	18.878	.114	.2	3	51 4991
2066	8.8	10 41 31.89	+2.5478	+0.0196	-49 29 56.3	-18.880	-0.117	.2	3	49 5492
2067	9.0	41 49.82	2.5486	.0197	49 33 16.2	18.889	.116	.2	3	49 5498
2068	8.1	42 3.18	2.5314	.0201	50 32 35.2	18.896	.114	.2	2	50 5390
2069*	9.0	42 22.16	2.5635	.0196	48 55 33.3	18.905	.116	.2	3	48 5893
2070	8.6	42 39.41	2.5439	.0201	50 5 46.7	18.913	.115	.2	3	49 5507
2071*	8.6	10 42 45.23	+2.5664	+0.0197	-48 53 56.8	-18.916	-0.116	.2	3	48 5900
2072*	8.4	42 45.41	2.5239	.0205	51 10 25.0	18.916	.114	.3	3	50 5398
2073*	8.8	42 55.17	2.5251	.0206	51 10 7.8	18.921	.114	.3	3	50 5400
2074*	8.3	43 26.90	2.5901	.0193	47 47 12.2	18.936	.116	.3	3	47 6179
2075	9.0	43 32.09	2.5153	.0210	51 52 52.8	18.938	.112	.3	3	51 5020
2076	8.9	10 43 34.08	+2.5357	+0.0206	-50 50 55.8	-18.939	-0.113	.3	3	50 5408
2077	7.9	43 52.30	2.5404	.0206	50 42 31.8	18.948	.113	.2	3	50 5412
2078	3.0	43 58.16	2.5710	.0200	49 4 33.6	18.951	.114	.2	3	48 5913
2079	9.0	44 2.48	2.5767	.0199	48 46 34.1	18.953	.114	.2	3	48 5918
2080	8.2	44 26.07	2.5266	.0211	51 37 45.9	18.964	.111	.2	3	51 5039
2081	9.0	10 44 27.32	+2.5576	+0.0204	-49 59 50.2	-18.965	-0.113	.2	3	49 5539
2082	7.2	45 10.98	2.5264	.0214	51 54 9.3	18.985	.110	.2	3	51 5053
2083	9.0	45 17.12	2.5625	.0207	50 1 33.1	18.988	.111	.2	3	49 5547
2084*	9.0	45 19.61	2.5257	.0217	51 59 23.5	18.989	.110	.2	3	51 5058
2085*	8.8	45 27.19	2.5272	.0215	51 57 40.0	18.993	.110	.3	3	51 5059
2086	8.0	10 45 35.84	+2.5382	+0.0213	-51 26 51.6	-18.997	-0.110	.3	3	51 5063
2087	7.5	45 46.45	2.6006	.0199	48 0 26.5	19.002	.113	.3	3	47 6217
2088	6.9	45 51.78	2.6110	.0197	47 24 23.3	19.005	.113	.3	3	47 6219
2089	9.1	46 23.21	2.5833	.0206	49 15 15.7	19.019	.111	.3	3	48 5954
2090	8.5	46 27.84	2.5721	.0209	49 55 33.9	19.021	.110	.2	3	49 5566
2091	8.8	10 46 45.61	+2.5483	+0.0216	-51 20 20.2	-19.029	-0.109	.2	3	51 5076
2092	8.8	46 49.73	2.5271	.0221	52 27 58.4	19.031	.108	.2	3	52 3998
2093	8.3	46 51.56	2.5603	.0213	50 43 31.0	19.032	.109	.2	3	50 5445
2094	8.7	46 58.24	2.6174	.0199	47 25 16.8	19.035	.111	.2	3	47 6240
2095	8.1	47 28.06	2.5985	.0207	48 46 3.7	19.048	.110	.2	3	48 5968
2096	8.8	10 47 45.07	+2.5747	+0.0213	-50 15 32.4	-19.056	-0.108	.2	3	49 5591
2097	8.9	47 56.75	2.5775	.0213	50 10 31.3	19.061	.108	.2	3	49 5596
2098	8.0	48 3.98	2.5425	.0222	52 7 35.4	19.064	.106	.3	3	51 5091
2099	8.2	48 12.74	2.5630	.0218	51 4 51.8	19.068	.107	.3	3	50 5463
2100	7.6	48 15.15	2.5969	.0210	49 9 31.4	19.069	.108	.3	3	48 5981

2052 s 19° \* 9.0 1' S. 2053 p 28° \* 8.7 =  $\delta$ . 2055 p 19° \* 7.4 1' N. 2069 s 34° \* 8.7 2' N. 2071 p 24° \* 9.8 2' S.  
 2072 s 9° \* 8.6 0.2 N. 2073 p 9° \* 8.3 0.2 S. 2074 s 6° 0.2 N. 2084 s 7° \* 8.9 1.8 N. 2085 p 7° \* 9.0 1.8 S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2101	7.3	10 <sup>h</sup> 49 <sup>m</sup> 2.87	+2.6078	+0.0209	—48° 48' 40.5	—19.091	—0.108	.3	3	48° 59' 91
2102	7.8	49 3.34	2.5512	.0224	52 2 21.4	19.091	.105	.3	3	51 51 05
2103	8.5	49 19.33	2.5656	.0222	51 21 50.2	19.098	.106	.2	3-4	51 51 06
2104	8.3	49 30.41	2.5581	.0224	51 50 33.8	19.103	.105	.2	3	51 51 10
2105*	8.0	49 31.36	2.5653	.0222	51 27 16.3	19.103	.105	.2	3	51 51 11
2106*	8.3	10 50 31.18	+2.5934	+0.0219	—50 14 36.1	—19.103	—0.105	.2	3	49 56 36
2107	8.5	50 32.40	2.5726	.0225	51 26 47.9	19.130	.104	.2	3	51 51 26
2108*	9.0	50 36.93	2.5934	.0220	50 16 56.4	19.132	.104	.2	3	49 56 37
2109	7.8	50 46.76	2.5643	.0228	51 59 41.2	19.136	.103	.2	3	51 51 30
2110	7.4	50 52.97	2.5802	.0224	51 9 10.3	19.139	.104	.2	3	50 54 87
2111	8.7	10 50 58.81	+2.5821	+0.0224	—51 4 53.2	—19.142	—0.103	.3	3	50 54 88
2112	8.9	51 8.30	2.6183	.0215	48 59 4.6	19.146	.105	.3	3	48 60 21
2113	8.3	51 15.57	2.6217	.0214	48 49 7.5	19.149	.105	.3	3	48 60 24
2114*	9.0	51 36.47	2.6337	.0212	48 11 26.8	19.158	.105	.3	3	47 63 12
2115	9.0	51 38.44	2.6140	.0218	49 27 6.1	19.159	.104	.3	3	49 56 47
2116	8.0	10 52 30.46	+2.5711	+0.0233	—52 18 21.8	—19.181	—0.101	.2	3	51 51 51
2117	8.0	52 42.83	2.6296	.0218	48 54 11.4	19.186	.103	.2	3	48 60 42
2118	8.7	52 59.55	2.6567	.0210	47 13 37.5	19.193	.104	.2	3	46 65 67
2119	9.0	53 13.46	2.6447	.0215	48 7 52.7	19.199	.103	.2	3	47 63 31
2120	8.8	53 18.64	2.6288	.0220	49 12 14.8	19.201	.102	.2	4	48 60 46
2121	7.7	10 53 19.00	+2.6511	+0.0213	—47 44 37.0	—19.201	—0.102	.2	3	47 63 34
2122	9.0	53 26.43	2.5788	.0236	52 14 59.7	19.204	.100	.2	3	51 51 68
2123	8.0	53 36.95	2.6493	.0215	47 59 4.1	19.209	.102	.3	3	47 63 39
2124	9.0	53 37.92	2.6197	.0224	49 54 42.9	19.209	.101	.2	3	49 56 80
2125	7.5	53 49.33	2.6153	.0227	50 15 33.3	19.214	.100	.3	3	49 56 83
2126	5.7	10 54 17.51	+2.6159	+0.0228	—50 25 2.6	—19.226	—0.100	.3	3	50 55 34
2127	8.3	54 18.91	2.6324	.0224	49 23 22.9	19.226	.100	.3	3	49 56 88
2128	9.1	54 34.22	2.6002	.0235	51 28 46.8	19.232	.099	.3	3	51 51 83
2129	7.6	54 57.29	2.5883	.0240	52 20 0.2	19.242	.098	.2	3	52 40 74
2130	8.9	55 37.20	2.6022	.0240	51 48 3.1	19.258	.097	.2	3	51 51 96
2131	8.8	10 55 48.83	+2.6052	+0.0239	—51 42 15.3	—19.263	—0.097	.2	3	51 52 00
2132	8.4	55 59.43	2.6351	.0230	49 55 32.9	19.267	.098	.2	3	49 57 24
2133	8.3	56 43.42	2.6526	.0227	49 5 33.1	19.285	.097	.2	3	48 60 75
2134	8.2	56 54.59	2.6500	.0229	49 21 1.3	19.289	.097	.2	4	49 57 35
2135	9.0	57 15.29	2.6402	.0234	50 8 42.9	19.297	.096	.2	3	49 57 41
2136	6.6	10 57 17.89	+2.6196	+0.0241	—51 28 7.7	—19.298	—0.095	.2	3	51 52 20
2137	9.0	57 25.33	2.6542	.0230	49 17 18.5	19.301	.096	.3	3	48 60 83
2138	9.0	57 37.84	2.6446	.0234	50 1 7.1	19.306	.095	.3	3	49 57 48
2139	8.6	57 37.98	2.6600	.0228	48 59 16.4	19.306	.096	.3	3	48 60 87
2140*	8.9	57 39.97	2.6650	.0224	48 39 21.1	19.307	.096	.3	3	48 60 88
2141	8.0	10 57 42.61	+2.6204	+0.0243	—51 35 52.5	—19.308	—0.094	.3	3	51 52 25
2142*	7.7	57 57.05	2.6666	.0228	48 40 9.8	19.314	.096	.2	3	48 60 90
2143	7.8	57 59.00	2.6203	.0244	51 43 31.0	19.314	.094	.2	3	51 52 30
2144	8.4	58 17.47	2.6203	.0246	51 51 29.6	19.322	.093	.2	3	51 52 33
2145	8.2	59 17.57	2.6783	.0229	48 26 54.7	19.345	.094	.2	3	48 61 10
2146	8.4	10 59 40.40	+2.6398	+0.0246	—51 15 2.9	—19.353	—0.092	.2	3	50 56 19
2147	8.8	59 48.31	2.6584	.0239	50 4 44.2	19.356	.092	.2	4	49 57 79
2148	8.7	59 53.81	2.6632	.0238	49 47 9.5	19.358	.092	.2	3	49 57 81
2149	8.1	11 0 19.59	2.6536	.0244	50 38 28.9	19.368	.091	.2	3	50 56 28
2150	7.0	0 51.07	2.6518	.0247	51 0 8.7	19.380	.090	.3	3	50 56 41

2105 s 2° 0' 8 N.    2106 s 6° \* 8.8 2' S.    2108 p 6° \* 8.2 2' N.    2114 p 4° 1' 3 S.    2140 s 17° \* 8.2 0' 5 S.  
 2142 p 17° \* 9.0 0' 5 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2151	9.0	11 <sup>h</sup> 0 <sup>m</sup> 54 <sup>s</sup> .15	+2.6408	+0.0252	-51° 44' 50".3	-19.381	-0.088	.3	3	51° 52' 79
2152	7.4	0 57.69	2.6574	.0246	50 40 44.2	19.382	.090	.3	3	50 56' 45
2153	8.6	1 19.37	2.6496	.0250	51 22 9.2	19.390	.090	.3	3	51 52' 86
2154	6.0	1 35.41	2.7076	.0227	47 19 42.8	19.396	.091	.3	3	47 64' 66
2155	8.0	1 38.01	2.6592	.0248	50 52 16.2	19.397	.089	.2	3	50 56' 55
2156	9.0	11 1 44.87	+2.6730	+0.0243	-49 57 52.8	-19.400	-0.090	.2	3	49 58' 12
2157	8.8	1 49.66	2.6903	.0236	48 45 12.6	19.402	.090	.2	3	48 61' 47
2158	7.9	2 2.15	2.7036	.0231	47 50 46.5	19.406	.090	.2	3	47 64' 73
2159*	6.8	2 9.05	2.6885	.0239	49 2 28.4	19.409	.090	.2	3	48 61' 57
2160*	9.0	2 11.34	2.6891	.0239	49 1 3.2	19.409	.090	.2	4	48 61' 58
2161	8.6	11 2 30.21	+2.6878	+0.0241	-49 15 48.6	-19.416	-0.090	.2	3	48 61' 63
2162	8.5	2 36.61	2.7017	.0235	48 16 18.5	19.419	.089	.2	3	47 64' 87
2163	8.9	2 42.46	2.6762	.0247	50 12 3.3	19.421	.088	.3	3	49 58' 24
2164	6.7	3 11.60	2.6702	.0252	50 51 36.4	19.431	.087	.3	3	50 56' 86
2165	8.8	3 14.86	2.7177	.0230	47 19 54.3	19.432	.091	.3	3	47 64' 97
2166	8.9	11 3 24.48	+2.6660	+0.0255	-51 15 6.4	-19.436	-0.086	.3	3	50 56' 91
2167	7.5	3 24.74	2.6824	.0248	50 5 45.0	19.436	.087	.3	3	49 58' 31
2168	6.5	3 33.35	2.6763	.0251	50 36 18.8	19.439	.087	.2	3	50 56' 93
2169	8.5	4 25.90	2.7180	.0236	47 53 37.3	19.457	.087	.2	3	47 65' 21
2170	7.7	4 37.24	2.7142	.0239	48 17 17.1	19.461	.089	.2	3	47 65' 25
2171	8.5	11 4 57.61	+2.6917	+0.0252	-50 11 14.2	-19.468	-0.085	.2	3	49 58' 50
2172	7.5	5 5.30	2.6604	.0266	52 27 5.4	19.471	.084	.2	3	52 41' 71
2173	7.0	5 19.80	2.6681	.0264	52 3 7.1	19.476	.084	.2	4	51 53' 55
2174	8.8	5 23.43	2.7097	.0246	49 2 11.6	19.477	.085	.2	3	48 61' 99
2175	9.0	5 44.88	2.7085	.0248	49 18 35.1	19.485	.084	.2	3	48 62' 02
2176	8.3	11 6 0.42	+2.7260	+0.0240	-48 3 1.5	-19.490	-0.084	.3	3	47 65' 47
2177	8.7	6 0.70	2.6745	.0265	51 57 6.3	19.490	.083	.3	3	51 53' 71
2178	9.0	6 20.96	2.6732	.0270	52 12 40.9	19.497	.082	.3	3	51 53' 75
2179	8.8	6 39.91	2.7274	.0243	48 16 36.9	19.503	.084	.3	2	47 65' 60
2180	9.6	7 18.94	2.6975	.0263	50 57 43.2	19.516	.081	.3	2-3	50 57' 59
2181	9.1	11 7 20.17	+2.6801	+0.0270	-52 14 6.2	-19.517	-0.081	.2	3	51 53' 94
2182	9.0	7 35.24	2.6824	.0271	52 12 7.0	19.522	.080	.2	3	51 54' 03
2183	8.1	7 41.67	2.7215	.0252	49 18 0.0	19.524	.081	.2	3	48 62' 40
2184	8.7	8 11.06	2.7455	.0242	47 33 3.4	19.534	.081	.2	3	47 65' 84
2185*	8.8	8 16.57	2.7190	.0257	49 48 24.4	19.535	.080	.2	2	49 59' 10
2186*	8.2	11 8 27.62	+2.7202	+0.0258	-49 48 56.8	-19.539	-0.080	.2	3	49 59' 15
2187	8.0	8 28.16	2.7502	.0241	47 17 48.3	19.539	.081	.2	3	46 68' 21
2188	8.4	8 29.00	2.7364	.0249	48 29 53.3	19.540	.080	.2	3	48 62' 50
2189*	8.5	8 29.58	2.6875	.0275	52 18 43.2	19.540	.079	.3	3	51 54' 21
2190	8.4	8 36.52	2.7241	.0256	49 34 59.1	19.542	.080	.3	3	49 59' 19
2191	8.5	11 9 11.34	+2.7492	+0.0244	-47 46 37.6	-19.553	-0.080	.3	3	47 65' 98
2192	8.9	9 16.75	2.6934	.0276	52 18 28.1	19.555	.078	.3	3	51 54' 40
2193	8.4	9 23.63	2.7092	.0269	51 11 9.1	19.557	.078	.3	3	50 57' 86
2194	9.0	9 34.14	2.7080	.0272	51 22 19.9	19.560	.078	.2	3	51 54' 47
2195	5.8	9 34.96	2.7405	.0253	48 44 52.4	19.561	.079	.2	3	48 62' 63
2196	7.0	11 9 58.44	+2.7356	+0.0258	-49 22 55.6	-19.568	-0.078	.2	3	49 59' 37
2197*	7.4	10 14.80	2.6983	.0280	52 28 21.6	19.573	.076	.2	3	52 42' 13
2198	7.4	10 19.47	2.7333	.0261	49 46 6.1	19.575	.077	.2	3	49 59' 43
2199	8.0	10 34.97	2.7613	.0246	47 28 7.4	19.580	.078	.2	3	47 66' 22
2200	7.7	10 51.36	2.7162	.0275	51 26 50.8	19.585	.076	.2	3	51 54' 72

2159 s 2° \* 9.0 2' N. 2160 p 2° \* 6.4 2' S. 2185 s 11° \* 8.2 0.5 S. 2186 p 11° \* 9.0 0.5 N. 2189 p 15° \* 0.2 N. 2197 s 39° \* 7.3 1' S.

No	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	No Obs.	Cord.
2201*	8.8	11 <sup>b</sup> 10 <sup>m</sup> 53.76	+2.7153	+0.0276	-51°32' 11.6	-19.585	-0.076	.3	3	51°54'74
2202	7.8	10 54.27	2.7028	.0282	52 30 2.0	19.585	.075	.3	3	52 4222
2203	9.0	11 5.39	2.7242	.0271	50 56 50.9	19.589	.076	.3	3	50 5808
2204	6.8	11 5.73	2.7560	.0252	48 14 46.9	19.589	.077	.3	3	47 6632
2205	8.5	11 49.42	2.7544	.0258	48 48 38.1	19.603	.075	.3	3	48 6297
2206	8.4	11 12 11.73	+2.7315	+0.0274	-50 59 3.9	-19.609	-0.074	.2	3	50 5828
2207	8.6	12 28.03	2.7149	.0286	52 27 28.6	19.614	.073	.2	3	52 4242
2208	8.3	12 35.66	2.7692	.0253	47 54 15.4	19.617	.074	.2	3	47 6660
2209	7.0	12 52.88	2.7746	.0251	47 33 56.7	19.622	.074	.2	3	47 6664
2210	8.7	12 56.83	2.7289	.0280	51 37 58.5	19.623	.073	.2	3	51 5508
2211	8.8	11 13 44.76	+2.7359	+0.0282	-51 31 45.1	-19.637	-0.072	.2	3	51 5527
2212	8.5	13 45.04	2.7638	.0264	49 6 6.5	19.637	.072	.2	3	48 6335
2213	8.1	13 50.87	2.7479	.0275	50 34 18.0	19.639	.072	.2	3	50 5851
2214	8.3	14 6.80	2.7291	.0288	52 18 7.4	19.643	.071	.3	3	51 5533
2215	8.8	14 11.98	2.7647	.0266	49 17 14.0	19.645	.072	.3	3	48 6342
2216	8.9	11 14 17.61	+2.7455	+0.0280	-51 3 5.4	-19.646	-0.071	.3	3	50 5859
2217	9.0	14 20.62	2.7348	.0287	51 58 36.5	19.647	.070	.3	3	51 5535
2218	8.8	14 38.57	2.7312	.0291	52 26 49.0	19.653	.069	.3	3	52 4265
2219	9.0	14 58.88	2.7707	.0268	49 12 46.5	19.658	.070	.2	3	48 6349
2220	7.8	15 18.63	2.7810	.0263	48 25 55.2	19.664	.070	.2	3	48 6354
2221	8.8	11 15 57.98	+2.7860	+0.0264	-48 21 23.1	-19.675	-0.069	.2	3	48 6363
2222*	8.4	16 8.42	2.7924	.0259	47 49 33.1	19.678	.069	.2	5	47 6726
2223*	8.9	16 19.78	2.7934	.0260	47 51 3.3	19.681	.069	.2	2	47 6730
2224	7.2	16 42.77	2.7503	.0294	52 8 9.7	19.687	.067	.2	3	51 5577
2225*	8.5	16 48.21	2.7945	.0263	48 2 26.6	19.689	.068	.2	3	47 6740
2226*	8.6	11 16 49.81	+2.7949	+0.0263	-48 0 58.3	-19.689	-0.068	.2	3	47 6741
2227	9.0	16 56.69	2.7706	.0281	50 28 4.6	19.691	.067	.3	4	50 5904
2228	8.0	18 23.05	2.7959	.0274	48 56 49.5	19.714	.065	.3	3	48 6399
2229	8.6	18 25.17	2.7871	.0281	49 51 40.3	19.715	.065	.3	3	49 6084
2230	7.0	18 37.93	2.8026	.0269	48 24 57.3	19.718	.065	.3	3	48 6401
2231	8.0	11 18 42.09	+2.8057	+0.0267	-48 8 20.0	-19.719	-0.065	.3	3	47 6769
2232	9.0	18 42.54	2.7922	.0278	49 32 43.8	19.719	.065	.2	3	49 6092
2233	8.7	18 45.89	2.8019	.0271	48 35 19.2	19.720	.065	.2	3	48 6404
2234*	9.0	19 11.24	2.7930	.0281	49 47 3.9	19.727	.064	.2	3	49 6096
2235	9.2	19 21.37	2.8009	.0276	49 5 24.4	19.729	.064	.2	3	48 6418
2236	7.5	11 19 52.79	+2.7914	+0.0288	-50 25 47.4	-19.737	-0.062	.2	3	50 5953
2237	8.9	20 33.76	2.8001	.0286	50 1 37.2	19.748	.062	.2	3	49 6114
2238	8.8	20 37.01	2.8035	.0284	49 42 17.6	19.749	.062	.2	3	49 6116
2239	8.7	20 50.19	2.7770	.0307	52 29 6.3	19.752	.061	.2	3	52 4360
2240	8.3	21 8.16	2.8217	.0272	48 5 49.9	19.756	.061	.3	4	47 6808
2241	8.2	11 21 53.53	+2.8214	+0.0278	-48 40 54.2	-19.767	-0.060	.3	3	48 6459
2242	8.9	22 2.63	2.7957	.0302	51 32 14.8	19.770	.059	.3	3	51 5683
2243	9.0	22 54.23	2.8281	.0280	48 40 14.9	19.782	.058	.3	3	48 6481
2244	8.0	23 14.61	2.8208	.0290	49 46 3.0	19.787	.057	.2	4	49 6163
2245	9.0	23 35.38	2.8138	.0300	50 48 12.9	19.791	.056	.2	2	50 6011
2246*	8.9	11 23 46.91	+2.8192	+0.0297	-50 21 21.7	-19.794	-0.056	.2	3	50 6013
2247	7.8	23 59.34	2.8456	.0280	47 24 10.7	19.797	.057	.2	3	47 6844
2248	8.5	24 31.18	2.8344	.0288	49 11 34.6	19.804	.055	.2	3	48 6507
2249	9.0	24 43.87	2.8095	.0314	52 8 14.7	19.807	.054	.2	3	51 5725
2250	8.4	24 59.09	2.8263	.0309	50 29 47.1	19.810	.054	.2	3-2	50 6032

2201 p 39\* 7.9 1' N. 2222 s 11\* 8.9 1' S. 2223 p 11\* 8.5 1' N. 2225 s 25\* 8.5 2' N. 2226 p 25\* 8.3 2' S.  
2234 p 11\* 0.5 N. 2246 p 35\* 9.0 0.3 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs	Cord.
2251	8.7	11 <sup>h</sup> 25 <sup>m</sup> 10 <sup>s</sup> .90	+2.8170	+0.0312	-51° 41' 35".2	-19.813	-0.0544	.2	3	51° 57' 31"
2252	8.9	25 35.54	2.8232	.0310	51 20 18.9	19.818	.053	.2	3	51 57 39
2253	8.8	26 15.92	2.8313	.0308	50 57 46.0	19.827	.052	.3	4	50 60 52
2254	8.8	26 36.24	2.8608	.0279	47 33 18.1	19.831	.052	.3	3	47 68 82
2255	7.9	26 45.74	2.8319	.0312	51 18 21.5	19.833	.051	.3	3	50 60 60
2256*	8.0	11 27 5.41	+2.8508	+0.0295	-49 17 22.2	-19.838	-0.051	.3	3	48 65 53
2257	8.8	27 33.28	2.8294	.0323	52 15 55.0	19.843	.050	.3	3	51 57 70
2258	8.0	27 45.72	2.8677	.0282	47 37 2.5	19.846	.050	.2	3	47 69 02
2259	8.0	27 47.25	2.8452	.0308	50 35 1.1	19.846	.050	.2	3	50 60 76
2260	8.5	27 53.04	2.8320	.0324	52 14 53.6	19.847	.049	.2	3	51 57 76
2261	8.9	11 28 14.34	+2.8413	+0.0317	-51 27 18.5	-19.852	-0.049	.2	3	51 57 80
2262	8.9	28 17.14	2.8631	.0293	48 42 35.0	19.852	.049	.2	3	48 65 80
2263	8.8	28 39.20	2.8456	.0316	51 17 41.6	19.857	.048	.2	3	50 60 90
2264*	9.2	28 51.59	2.8405	.0325	52 5 48.4	19.859	.048	.2	3	51 57 87
2265*	9.0	28 52.66	2.8406	.0325	52 5 53.3	19.859	.048	.2	3	51 57 88
2266	9.0	11 29 22.34	+2.8632	+0.0304	-49 40 53.1	-19.865	-0.047	.3	3	49 62 61
2267	8.3	29 36.34	2.8611	.0308	50 10 18.1	19.868	.047	.3	3	49 62 66
2268	8.5	29 41.01	2.8491	.0324	51 47 11.6	19.869	.046	.3	3	51 57 96
2269	8.6	29 46.21	2.8592	.0313	50 35 0.0	19.870	.046	.3	3	50 61 13
2270	9.1	30 8.46	2.8479	.0330	52 21 26.9	19.874	.046	.3	3	52 44 92
2271	8.5	11 30 11.95	+2.8590	+0.0318	-51 0 19.9	-19.875	-0.046	.1-.2	2-3	50 61 21
2272	8.5	30 12.19	2.8624	.0313	50 33 10.8	19.875	.046	.2	3	50 61 22
2273	8.5	30 42.00	2.8694	.0310	50 4 23.7	19.880	.045	.2	3	49 62 83
2274	8.4	30 50.49	2.8816	.0296	48 27 27.6	19.882	.045	.2	3	48 66 18
2275	8.0	31 6.85	2.8824	.0298	48 36 31.0	19.885	.044	.2	3	48 66 21
2276	9.0	11 31 11.84	+2.8858	+0.0294	-48 11 4.6	-19.886	-0.044	.2	3	47 69 52
2277	9.0	31 45.09	2.8619	.0332	52 6 5.7	19.892	.043	.2	3	51 58 28
2278	5.3	31 49.66	2.8860	.0301	48 46 48.3	19.893	.043	.2	3	48 66 30
2279	9.0	31 53.25	2.8635	.0332	52 1 23.9	19.893	.043	.3	3	51 58 29
2280	7.9	32 19.71	2.8747	.0323	50 56 5.0	19.898	.042	.3	3	50 61 54
2281	9.0	11 32 28.39	+2.8672	+0.0334	-52 6 36.6	-19.899	-0.042	.3	3	51 58 36
2282*	8.9	32 30.24	2.8799	.0317	50 21 50.1	19.900	.042	.3	3	50 61 58
2283	5.5	32 46.09	2.9014	.0289	47 16 50.8	19.902	.042	.3	3	46 72 05
2284*	7.8	32 50.94	2.8822	.0318	50 22 58.7	19.903	.041	.1-.2	2-3	50 61 66
2285	8.0	32 57.16	2.8990	.0295	47 52 10.7	19.904	.041	.2	3	47 69 74
2286	8.9	11 33 18.30	+2.8907	+0.0311	-49 34 26.0	-19.908	-0.040	.2	3	49 63 17
2287	8.5	33 40.30	2.9050	.0294	47 38 4.7	19.912	.040	.2	3	47 69 86
2288	8.8	33 48.54	2.8855	.0325	50 54 11.7	19.913	.040	.2	3	50 61 77
2289	9.0	33 50.60	2.8809	.0334	51 36 36.6	19.913	.040	.2	3	51 58 59
2290	8.8	33 55.24	2.9044	.0298	48 1 11.0	19.914	.040	.2	2	47 69 90
2291	5.3	11 34 24.50	+2.9111	+0.0294	-47 23 15.4	-19.919	-0.039	.2	3	47 69 97
2292	8.0	34 32.01	2.8951	.0320	50 12 34.8	19.920	.039	.3	3	49 63 44
2293	8.4	34 58.29	2.8840	.0343	52 22 38.7	19.924	.037	.3	3	52 45 65
2294	9.0	35 2.79	2.8923	.0331	51 12 49.5	19.925	.037	.3	3	50 61 96
2295	8.5	35 9.57	2.8889	.0338	51 51 30.2	19.926	.037	.3	3	51 58 83
2296	8.8	11 35 18.34	+2.9130	+0.0302	-48 4 33.0	-19.928	-0.037	.3	3	47 70 08
2297	8.8	35 30.68	2.8904	.0341	52 1 21.1	19.930	.036	.1-.2	2-3	51 58 87
2298	7.8	35 37.63	2.9182	.0300	47 29 26.4	19.931	.037	.2	3	47 70 12
2299	8.8	36 3.54	2.8976	.0337	51 32 11.2	19.935	.036	.2	3	51 58 95
2300	8.0	36 13.62	2.9017	.0333	51 3 52.0	19.936	.035	.2	3	50 62 17

2256 doble. 2264 s 1° \* 8.7 0' 2 S. 2265 p 1° \* 8.7 0' 2 N. 2282 s 21° \* 8.9 1' S. 2284 p 21° \* 8.2 1' N.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2301	8.3	11 36 <sup>m</sup> 25.23	+2.9015	+0.0335	-51° 19' 30.75	-19.938	-0.035	.2	3	50° 6220
2302	8.7	36 26.55	2.8951	.0347	52 22 8.2	19.938	.035	.2	3	52 4584
2303	6.8	36 43.94	2.9109	.0324	50 7 32.7	19.941	.035	.2	3	49 6377
2304*	8.9	37 2.72	2.9205	.0312	48 46 38.4	19.943	.034	.2	3	48 6700
2305*	8.2	37 11.97	2.9214	.0314	48 48 22.4	19.945	.034	.3	3	48 6703
2306*	9.2	11 37 15.46	+2.9087	+0.0336	-51 8 38.1	-19.945	-0.033	.3	2	50 6227
2307*	9.0	37 17.95	2.9088	.0336	51 10 3.3	19.946	.033	.3	3	50 6230
2308	8.8	37 27.94	2.9079	.0341	51 31 29.7	19.947	.033	.3	3	51 5916
2309	8.1	37 28.16	2.9213	.0316	49 8 54.9	19.947	.033	.3	3	48 6706
2310*	8.7	38 1.69	2.9214	.0324	49 49 58.4	19.952	.032	.3	2	49 6398
2311	7.5	11 38 35.06	+2.9230	+0.0330	-50 15 56.4	-19.956	-0.031	.1-.2	2-3	49 6411
2312	8.7	39 5.53	2.9320	.0320	49 11 1.4	19.960	.030	.2	3	48 6730
2313	8.3	39 7.26	2.9389	.0307	47 48 43.8	19.961	.030	.2	3	47 7057
2314	8.6	39 18.71	2.9321	.0324	49 28 39.5	19.962	.030	.2	3	49 6421
2315	8.9	39 30.33	2.9304	.0330	50 3 52.2	19.964	.030	.2	3	49 6424
2316	9.0	11 39 40.26	+2.9269	+0.0340	-50 59 13.4	-19.965	-0.029	.2	3	50 6278
2317	8.3	39 55.24	2.9229	.0353	52 4 55.4	19.967	.029	.2	3	51 5970
2318	8.9	40 8.00	2.9278	.0346	51 27 30.0	19.969	.029	.2	3	51 5977
2319*	6.8	40 22.63	2.9254	.0355	52 15 32.7	19.970	.028	.3	3	51 5983
2320*	8.9	40 44.38	2.9282	.0356	52 14 29.0	19.973	.027	.3	3	51 5988
2321*	8.9	11 41 19.92	+2.9416	+0.0338	-50 23 51.0	-19.977	-0.026	.3	3	50 6312
2322	7.5	41 25.94	2.9495	.0321	48 46 57.2	19.978	.026	.3	3	48 6769
2323*	9.0	41 29.27	2.9427	.0338	50 23 37.9	19.978	.026	.3	3	50 6315
2324	7.8	41 45.73	2.9408	.0348	51 12 36.4	19.980	.025	.2	3	50 6318
2325	7.8	42 0.03	2.9536	.0322	48 42 32.0	19.982	.025	.2	3	48 6777
2326	8.0	11 42 5.05	+2.9404	+0.0355	-51 47 29.4	-19.983	-0.025	.2	3	51 6003
2327	8.0	42 28.24	2.9535	.0331	49 29 19.2	19.985	.024	.2	3	49 6461
2328	8.7	42 29.17	2.9548	.0328	49 12 17.0	19.985	.024	.2	3	48 6786
2329	8.1	42 33.06	2.9414	.0362	52 19 44.2	19.986	.024	.2	3	51 6012
2330	8.6	42 40.45	2.9545	.0332	49 35 16.4	19.987	.024	.2	3	49 6464
2331	7.7	11 43 0.82	+2.9637	+0.0315	-47 50 55.1	-19.989	-0.024	.2	3	47 7110
2332	9.0	43 29.03	2.9643	.0322	48 28 54.3	19.992	.023	.3	3	48 6802
2333	8.6	44 16.35	2.9596	.0352	51 3 56.8	19.997	.021	.3	3	50 6355
2334	8.0	45 0.01	2.9702	.0338	49 37 56.7	20.001	.020	.3	3	49 6501
2335	7.8	45 45.38	2.9703	.0355	51 2 49.4	20.005	.018	.3	3	50 6375
2336	9.0	11 46 0.99	+2.9794	+0.0332	-48 57 14.1	-20.007	-0.018	.3	3	48 6856
2337	8.3	46 19.49	2.9767	.0349	50 24 4.7	20.008	.018	.2	3	50 6385
2338	9.1	46 24.75	2.9790	.0344	49 53 11.7	20.009	.017	.2	3	49 6516
2339	7.8	46 30.68	2.9781	.0349	50 21 32.2	20.009	.017	.2	3	50 6387
2340	9.0	46 30.92	2.9767	.0354	50 46 27.1	20.009	.017	.2	3	50 6388
2341	8.9	11 46 35.61	+2.9736	+0.0366	-51 50 1.8	-20.010	-0.017	.2	3	51 6081
2342	8.3	46 45.34	2.9811	.0345	49 58 15.3	20.010	.016	.2	3	49 6522
2343	7.6	46 50.28	2.9771	.0361	51 20 20.6	20.011	.016	.2	3	51 6084
2344	8.5	46 52.57	2.9844	.0337	49 10 53.2	20.011	.016	.2	3	48 6872
2345	9.0	47 2.04	2.9793	.0359	51 6 33.5	20.012	.016	.3	3	50 6394
2346*	9.0	11 47 15.93	+2.9827	+0.0353	-50 34 54.8	-20.013	-0.016	.3	3	50 6397
2347	8.3	47 54.61	2.9852	.0362	51 30 45.5	20.016	.014	.3	3	51 6103
2348	7.3	48 4.97	2.9849	.0369	51 44 43.4	20.017	.014	.3	3	51 6106
2349	8.9	48 20.05	2.9880	.0364	51 19 37.0	20.018	.013	.3	3	50 6411
2350	9.0	48 21.51	2.9966	.0331	48 22 26.1	20.018	.014	.2	3	48 6891

2304 s 9° \* 8.3 2' S. 2305 p 9° \* 8.6 2' N. 2306 s 3° \* 8.9 1' S. 2307 p 3° 1' N. 2310 s 6° 0.7' S. 2319 s 21° \* 8.5 1.2' N. 2320 p 21° \* 7.4 1.2' S. 2321 s 9° \* 8.9 =  $\delta$ . 2323 p 9° \* 8.7 =  $\delta$ . 2346 s 5° 1' S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2351	8.8	11 <sup>h</sup> 48 <sup>m</sup> 29. <sup>s</sup> 73	+2.9898	+0.0362	-51° 7' 28."4	-20.019	-0.013	.2	3	50° 64' 15"
2352	7.9	48 48.63	2.9979	.0339	49 2 21.5	20.020	.013	.2	3	48 6899
2353	9.0	48 54.80	2.9988	.0338	48 56 18.6	20.020	.013	.2	3	48 6900
2354	7.1	49 2.74	2.9943	.0362	50 57 9.1	20.021	.012	.2	2	50 6428
2355*	9.0	49 19.83	3.0031	.0333	48 19 15.2	20.022	.012	.2	3	47 7202
2356	8.9	11 49 19.88	+2.9941	+0.0372	-51 45 49.6	-20.022	-0.012	.2	2	51 6128
2357	7.4	49 27.33	2.9939	.0377	52 8 6.0	20.023	.011	.3	3	51 6132
2358*	8.3	49 27.60	3.0040	.0333	48 18 11.8	20.023	.012	.2	3	47 7204
2359	8.0	49 44.80	3.0027	.0348	49 38 34.3	20.024	.011	.3	3	49 6575
2360	8.6	50 11.25	3.0040	.0357	50 20 4.1	20.025	.010	.3	3	50 6446
2361	8.8	11 50 14.78	+3.0079	+0.0340	-48 52 6.0	-20.026	-0.010	.3	3	48 6922
2362	8.9	50 21.95	3.0085	.0342	48 57 30.6	20.026	.010	.3	3	48 6926
2363	8.9	51 45.62	3.0189	.0336	48 22 41.1	20.031	.007	.2	3	48 6952
2364	8.0	52 20.72	3.0171	.0374	51 23 55.1	20.033	.006	.2	3	51 6180
2365	9.0	52 32.66	3.0202	.0364	50 31 44.1	20.033	.006	.2	3	50 6489
2366	9.0	11 52 36.15	+3.0205	+0.0366	-50 36 15.7	-20.033	-0.006	.2	3	50 6491
2367	8.7	52 52.59	3.0244	.0353	49 30 1.3	20.034	.005	.2	3	49 6631
2368	8.9	53 8.56	3.0279	.0342	48 25 58.5	20.035	.005	.2	2	48 6967
2369	8.9	53 17.20	3.0243	.0374	51 10 53.8	20.035	.004	.2	2	50 6501
2370	8.8	53 44.18	3.0275	.0376	51 14 20.6	20.036	.004	.2	3	50 6507
2371	7.0	11 53 46.69	+3.0270	+0.0382	-51 44 17.4	-20.036	-0.003	.3	3	51 6208
2372	8.6	53 58.38	3.0334	.0343	48 22 51.9	20.037	.003	.3	3	48 6982
2373	7.4	54 3.55	3.0332	.0350	48 59 52.4	20.037	.003	.3	3	48 6984
2374	8.8	54 8.86	3.0347	.0342	48 17 47.2	20.037	.003	.3	3	47 7259
2375	8.0	55 0.25	3.0368	.0378	51 9 13.4	20.039	.001	.3	3	50 6533
2376	7.5	11 55 7.82	+3.0393	+0.0362	-49 53 28.0	-20.039	-0.001	.2	3	49 6666
2377	8.7	55 9.76	3.0422	.0335	47 29 19.8	20.039	.001	.2	3	47 7275
2378	7.7	55 20.81	3.0377	.0395	52 24 23.4	20.040	.001	.2	3	52 4777
2379	8.3	55 27.78	3.0433	.0344	48 16 46.7	20.040	.000	.2	3	47 7278
2380	8.9	55 44.81	3.0454	.0342	47 58 46.6	20.040	.000	.2	3	47 7282
2381	6.7	11 55 52.30	+3.0429	+0.0382	-51 20 4.5	-20.041	+0.001	.2	3	51 6236
2382	8.7	56 9.30	3.0461	.0368	50 8 28.0	20.041	.001	.2	2	49 6689
2383	8.0	56 9.46	3.0474	.0351	48 46 41.2	20.041	.001	.2	3	48 7018
2384	7.8	56 10.65	3.0474	.0354	49 0 11.0	20.041	.001	.3	3	48 7019
2385*	8.9	56 15.25	3.0457	.0383	51 17 36.8	20.041	.001	.3	3	50 6554
2386	8.2	11 56 22.65	+3.0496	+0.0342	-47 52 36.8	-20.041	+0.002	.3	3	47 7292
2387	8.0	56 33.94	3.0508	.0343	47 56 42.0	20.042	.002	.3	3	47 7293
2388	9.0	56 36.64	3.0507	.0348	48 22 33.5	20.042	.002	.3	3	48 7024
2389	7.9	56 45.15	3.0504	.0368	49 59 43.5	20.042	.002	.2	3	49 6699
2390	8.0	56 54.62	3.0495	.0400	52 29 30.8	20.042	.002	.2	3	52 4792
2391	8.0	11 57 0.35	+3.0541	+0.0336	-47 17 35.5	-20.042	+0.003	.2	3	46 7571
2392	8.1	57 28.73	3.0559	.0359	49 12 23.6	20.043	.004	.2	3	48 7034
2393	8.0	57 30.41	3.0568	.0346	48 2 26.9	20.043	.004	.2	3	47 7304
2394*	8.2	58 20.44	3.0608	.0389	51 26 42.5	20.043	.005	.2	3	51 6276
2395	8.7	58 24.95	3.0628	.0345	47 50 46.3	20.043	.005	.2	2	47 7314
2396*	8.8	11 58 43.50	+3.0636	+0.0391	-51 27 31.6	-20.044	+0.006	.2	3	51 6286
2397	6.9	58 55.26	3.0649	.0400	52 10 4.0	20.044	.006	.3	3	51 6290
2398	9.0	58 56.60	3.0650	.0402	52 17 30.6	20.044	.006	.3	3	51 6292
2399	8.1	59 43.44	3.0711	.0364	49 17 30.3	20.044	.008	.3	3	48 7081
2400	6.5	59 46.17	3.0715	.0348	47 49 58.1	20.044	.008	.3	3	47 7335

2355 s 9° \* 8.5 1' N. 2358 p 9° \* 9.0 1' S. 2385 s 4° 0' 1 S. 2394 s 23° \* 8.7 0' 8 S. 2396 p 23° \* 8.2 0' 8 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2401	9.0	11 <sup>h</sup> 59 <sup>m</sup> 52.24	+3.0721	+0.0358	-48° 49' 37.3	-20.044	+0.008	.3	3	48° 7082
2402	8.3	12 0 34.88	3.0771	.0381	50 26 48.0	20.044	.010	.3	3	50 6622
2403	7.3	0 55.81	3.0797	.0391	51 6 37.2	20.044	.010	.3	4	50 6630
2404	8.0	1 13.56	3.0814	.0373	49 40 38.1	20.044	.011	.2	3	49 6768
2405	8.3	1 17.90	3.0823	.0390	51 0 29.8	20.044	.011	.3	3	50 6634
2406	8.9	12 1 23.37	+3.0834	+0.0404	-51 59 31.7	-20.043	+0.011	.3	3	51 6330
2407	8.4	1 29.95	3.0836	.0384	50 29 29.8	20.043	.012	.3	3	50 6635
2408	7.2	1 42.24	3.0852	.0389	50 49 46.5	20.043	.012	.3	3	50 6641
2409	7.3	1 58.64	3.0867	.0378	49 54 31.0	20.043	.012	.3	4	49 6776
2410	8.3	1 58.99	3.0861	.0362	48 38 41.3	20.043	.012	.3	3	48 7126
2411	8.9	12 2 4.76	+3.0880	+0.0393	-51 5 55.5	-20.043	+0.013	.3	3	50 6648
2412	9.0	2 54.51	3.0924	.0367	48 53 46.2	20.042	.014	.3	3	48 7140
2413	8.8	3 47.40	3.0994	.0384	50 5 30.9	20.041	.016	.3	3	49 6803
2414	9.0	3 51.21	3.1017	.0410	51 58 27.8	20.041	.016	.3	4-5	51 6376
2415	8.5	3 54.18	3.1025	.0415	52 20 32.8	20.041	.016	.2	3	52 4845
2416	8.7	12 4 9.26	+3.1028	+0.0396	-50 56 23.0	-20.041	+0.017	.3	3	50 6680
2417	8.0	4 29.98	3.1038	.0379	49 36 37.5	20.040	.017	.3	3	49 6810
2418	9.2	4 30.40	3.1049	.0392	50 33 47.7	20.040	.017	.3	3	50 6684
2419*	6.2	4 42.30	3.1062	.0389	50 24 5.8	20.040	.018	.3	4	50 6688
2420	4.8	4 42.61	3.1061	.0388	50 17 57.4	20.040	.018	.3	2	49 6813
2421	7.3	12 4 52.18	+3.1049	+0.0364	-48 19 49.4	-20.039	+0.018	.3	3	47 7396
2422	9.0	4 54.65	3.1100	.0416	52 13 43.0	20.039	.018	.3	3	51 6391
2423*	3.2	4 58.83	3.1080	.0389	50 21 37.4	20.039	.018	.3	3	50 6697
2424	9.0	5 12.64	3.1115	.0409	51 45 3.2	20.039	.018	.3	4	51 6396
2425	8.0	5 16.12	3.1112	.0401	51 10 28.2	20.039	.019	.3	3	50 6703
2426	8.8	12 5 43.28	+3.1139	+0.0397	-50 47 5.0	-20.038	+0.020	.2	3	50 6710
2427	9.1	6 2.41	3.1166	.0402	51 4 58.3	20.037	.020	.3	3	50 6715
2428	7.8	6 13.10	3.1190	.0412	51 46 55.6	20.036	.021	.3	3	51 6417
2429	8.4	6 17.48	3.1191	.0408	51 29 23.8	20.036	.021	.3	3	51 6418
2430	6.8	6 22.90	3.1196	.0408	51 25 19.6	20.036	.021	.3	3	51 6419
2431	9.1	12 6 24.48	+3.1209	+0.0417	-52 3 37.0	-20.036	+0.021	.3	3	51 6420
2432	8.6	6 42.67	3.1154	.0354	47 17 7.8	20.035	.022	.3	3	46 7727
2433	8.5	6 43.87	3.1178	.0373	48 49 4.4	20.035	.022	.3	3	48 7198
2434	9.1	6 49.72	3.1168	.0360	47 43 33.2	20.035	.022	.3	3	47 7426
2435*	8.9	7 6.76	3.1178	.0355	47 14 57.5	20.034	.022	.3	3	46 7734
2436	9.0	12 7 40.57	+3.1257	+0.0386	-49 38 52.7	-20.033	+0.024	.3	4	49 6860
2437*	8.3	7 50.56	3.1312	.0417	51 51 20.6	20.032	.024	.2	3	51 6448
2438	6.7	8 8.37	3.1316	.0405	50 59 47.0	20.031	.025	.3	3	50 6752
2439	4.5	8 14.65	3.1345	.0420	52 0 23.2	20.031	.024	.3	3	51 6455
2440	7.7	8 23.07	3.1325	.0400	50 35 43.1	20.030	.025	.3	3	50 6758
2441	8.9	12 8 31.27	+3.1344	+0.0407	-51 3 4.5	-20.030	+0.025	.3	3	50 6761
2442	7.8	8 34.42	3.1334	.0398	50 24 29.7	20.030	.025	.3	3	50 6763
2443	8.8	8 38.45	3.1319	.0385	49 27 32.7	20.030	.026	.3	3	49 6878
2444	7.9	9 10.77	3.1425	.0429	52 24 56.1	20.028	.027	.3	3	52 4894
2445	9.1	9 46.93	3.1399	.0398	49 50 41.6	20.026	.028	.3	3	49 6898
2446	8.9	12 9 54.41	+3.1391	+0.0380	-48 51 15.1	-20.025	+0.028	.3	3	48 7247
2447	9.1	10 5.27	3.1393	.0375	48 26 1.6	20.024	.029	.3	4-5	48 7249
2448*	8.5	10 39.93	3.1496	.0410	50 57 10.6	20.022	.030	.3	2	50 6802
2449	8.9	10 54.39	3.1507	.0407	50 42 32.5	20.021	.030	.3	3	50 6809
2450*	9.0	10 54.42	3.1513	.0409	50 56 51.1	20.021	.030	.3	3	50 6810

2419 s 17' \* 2.8 2' N.    2423 p 17' \* 6.4 2' S.    2435 p 24' \* 8.6 2' S.    2437 doble.    2448 s 14' \* 8.5 =  $\delta$ .  
 2450 p 14' \* 8.5 =  $\delta$ .

N°	Mag.	$\alpha$ 1935.0	Prec	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2451	7.2	12 <sup>h</sup> 11 <sup>m</sup> 5 <sup>s</sup> .75	+3.1533	+0.0414	-51° 10' 16.6"	-20.020	+0.031	.3	3	50° 68' 14"
2452	8.8	11 22.85	3.1504	.0391	49 25 30.8	20.019	.031	.3	3	49 69 23
2453*	8.8	11 24.95	3.1562	.0418	51 22 8.4	20.019	.031	.3	3	51 65 00
2454	8.8	11 31.21	3.1465	.0367	47 35 12.6	20.019	.032	.3	3	47 74 82
2455	9.0	11 45.83	3.1513	.0383	48 47 16.6	20.017	.032	.3	3	48 72 76
2456*	8.8	12 11 50.03	+3.1593	+0.0419	-51 22 39.4	-20.017	+0.032	.3	3	51 65 12
2457	9.0	12 20.81	3.1610	.0410	50 44 58.3	20.015	.033	.3	3	50 68 35
2458	8.7	12 46.09	3.1602	.0395	49 32 45.1	20.013	.034	.3	4	49 69 54
2459	8.9	13 39.35	3.1650	.0391	49 8 21.8	20.008	.036	.2	3	48 73 01
2460	7.5	14 6.90	3.1662	.0384	48 33 48.6	20.006	.037	.3	3	48 73 07
2461	9.1	12 14 22.21	+3.1716	+0.0400	-49 39 51.3	-20.004	+0.038	.3	3	49 69 73
2462	9.0	14 32.51	3.1732	.0402	49 47 52.2	20.004	.038	.3	3	49 69 75
2463	8.4	14 34.69	3.1699	.0388	48 45 34.7	20.003	.038	.3	3	48 73 11
2464	7.6	14 43.32	3.1826	.0434	51 56 42.9	20.002	.038	.3	3	51 65 57
2465	8.5	14 52.53	3.1796	.0418	50 53 1.8	20.002	.039	.3	3	50 68 74
2466	8.8	12 15 6.39	+3.1754	+0.0396	-49 18 36.5	-20.000	+0.039	.3	3	48 73 24
2467	9.1	15 14.62	3.1883	.0442	52 24 5.1	20.000	.039	.4	4	52 49 68
2468	8.8	15 44.78	3.1913	.0440	52 12 51.1	19.997	.040	.3	4	51 65 71
2469	8.0	15 49.62	3.1735	.0373	47 28 7.4	19.996	.040	.3	4	47 75 30
2470	7.4	16 12.78	3.1822	.0396	49 8 26.7	19.994	.041	.2	3	48 73 43
2471	7.0	12 16 27.70	+3.1793	+0.0381	-47 57 19.1	-19.992	+0.042	.3	3	47 75 38
2472*	9.1	16 37.26	3.1784	.0374	47 26 16.3	19.991	.042	.3	3	47 75 41
2473*	8.9	16 50.80	3.1798	.0374	47 26 13.9	19.990	.042	.3	3	47 75 45
2474	7.9	16 51.09	3.1936	.0422	50 51 26.9	19.990	.043	.3	3	50 69 06
2475	8.9	16 58.57	3.1978	.0434	51 36 47.2	19.989	.043	.3	3	51 65 93
2476	9.0	12 17 43.84	+3.1865	+0.0379	-47 41 39.6	-19.984	+0.044	.3	3	47 75 57
2477	9.0	18 13.31	3.2049	.0430	51 10 25.4	19.981	.046	.3	3	50 69 19
2478	6.5	18 17.97	3.1982	.0406	49 35 18.4	19.980	.046	.3	3	49 70 24
2479	8.2	18 31.86	3.2082	.0434	51 23 42.2	19.978	.046	.4	4	51 66 14
2480	8.8	18 35.23	3.2068	.0428	51 1 31.0	19.978	.047	.3	3	50 69 26
2481	9.0	12 18 53.95	+3.2116	+0.0437	-51 33 0.2	-19.976	+0.047	.2	3	51 66 24
2482	7.8	18 55.24	3.2058	.0418	50 19 37.5	19.976	.047	.3	3	49 70 37
2483	9.0	18 55.65	3.2075	.0424	50 39 55.2	19.976	.047	.3	3	50 69 31
2484	8.3	19 5.58	3.2076	.0421	50 26 31.7	19.974	.047	.3	3	50 69 34
2485	8.0	19 7.68	3.2010	.0399	48 57 55.4	19.974	.047	.3	3	48 73 80
2486	5.5	12 19 16.38	+3.2163	+0.0444	-51 55 56.3	-19.973	+0.048	.3	3	51 66 30
2487	8.9	19 23.12	3.2051	.0410	49 42 24.5	19.972	.048	.3	3	49 70 44
2488*	9.0	19 26.62	3.2181	.0446	52 1 46.3	19.972	.048	.3	3	51 66 36
2489*	8.0	19 39.50	3.2198	.0447	52 3 34.7	19.970	.049	.3	3	51 66 40
2490*	8.5	19 50.82	3.2200	.0444	51 49 19.2	19.969	.049	.3	3	51 66 41
2491	8.2	12 19 58.50	+3.2162	+0.0430	-50 54 18.3	-19.968	+0.049	.3	4	50 69 41
2492	8.5	20 1.07	3.2133	.0420	50 16 27.0	19.967	.049	.2	3	49 70 52
2493	9.1	20 16.35	3.2228	.0444	51 45 47.3	19.965	.050	.3	3	51 66 48
2494	9.1	20 48.67	3.2283	.0449	52 2 13.1	19.961	.051	.3	3	51 66 52
2495	7.6	21 4.09	3.2145	.0405	49 4 47.7	19.959	.051	.3	3	48 74 01
2496*	9.0	12 21 7.91	+3.2296	+0.0447	-51 50 12.5	-19.959	+0.052	.3	3	51 66 59
2497	8.2	21 9.14	3.2318	.0453	52 12 35.9	19.959	.052	.3	3	51 66 60
2498	8.3	21 29.52	3.2212	.0416	49 49 53.5	19.956	.052	.3	3	49 70 74
2499	7.6	21 39.18	3.2128	.0490	47 56 56.9	19.954	.052	.3	3	47 75 95
2500	7.7	22 30.94	3.2250	.0409	49 13 42.3	19.947	.055	.4	3	48 74 13

2453 s 26\* \* 8.6 0'15 S. 2456 p 26\* \* 8.5 0'15 N. 2472 s 13\* \* 8.0 0'12 S. 2473 p 13\* \* 8.9 0'12 N. 2488 s 13\* \* 8.0 1'17 S. 2489 p 13\* \* 8.3 1'17 N. 2490 doble tomé prec. 2496 s 5\* \* 0'14 N.

No	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs.	Cord.
2501	5.7	12 <sup>b</sup> 23 <sup>m</sup> 0.46	+3.2389	+0.0438	-51° 5' 26.3	-19.943	+0.056	.3	2	50°6975
2502	6.5	23 21.65	3.2270	.0401	48 33 6.6	19.940	.056	.3	2	48 7426
2503	8.6	23 25.84	3.2204	.0383	47 13 55.6	19.939	.056	.3	4	46 7930
2504	7.0	23 27.13	3.2499	.0460	52 20 35.0	19.939	.057	.3	3	52 5053
2505	9.2	23 46.88	2.2379	.0423	49 59 31.4	19.936	.057	.3	3	49 7103
2506	8.9	12 23 54.12	+3.2467	+0.0444	-51 18 23.1	-19.935	+0.058	.3	3	50 6993
2507	8.9	24 18.67	3.2415	.0424	49 58 45.3	19.931	.058	.3	3	49 7110
2508	4.0	24 30.86	3.2422	.0423	49 52 14.7	19.929	.059	.3	3	49 7115
2509	7.8	24 35.66	3.2543	.0452	51 42 55.5	19.929	.059	.3	3	51 6704
2510	9.0	25 22.79	3.2608	.0454	51 49 8.2	19.921	.061	.3	3	51 6713
2511	9.0	12 25 25.59	+3.2345	+0.0390	-47 30 50.7	-19.921	+0.061	.4	3	47 7642
2512	7.8	25 28.06	3.2514	.0431	50 17 18.4	19.920	.061	.3	3	49 7123
2513	8.1	26 41.63	3.2698	.0457	51 43 17.7	19.908	.064	.3	4	51 6730
2514	8.8	27 6.44	3.2435	.0389	47 14 13.9	19.904	.064	.2	3	46 7965
2515	7.4	27 41.19	3.2824	.0471	52 26 0.2	19.898	.066	.3	3	52 5084
2516	8.9	12 28 2.11	+3.2581	+0.0411	-48 37 35.4	-19.894	+0.066	.3	3	48 7477
2517	9.0	28 19.61	3.2577	.0406	48 16 1.7	19.891	.067	.3	3	47 7675
2518*	9.1	28 24.43	3.2667	.0425	49 32 46.0	19.890	.067	.3	3	49 7170
2519	9.2	28 50.82	3.2792	.0447	50 52 10.8	19.885	.068	.3	3	50 7060
2520	9.0	28 53.07	2.2552	.0394	47 20 4.1	19.885	.068	.3	3	47 7683
2521*	9.0	12 28 56.04	+3.2706	+0.0427	-49 35 1.6	-19.884	+0.068	.3	3	49 7174
2522	9.1	28 58.36	3.2817	.0451	51 5 6.3	19.884	.069	.4	3	50 7063
2523	6.9	29 37.42	3.2913	.0463	51 43 27.0	19.877	.070	.3	3	51 6792
2524	7.4	29 41.30	3.2808	.0439	50 17 32.8	19.876	.070	.3	4	49 7184
2525	6.7	30 26.00	3.2805	.0429	49 33 1.6	19.867	.072	.2	3	49 7195
2526	7.2	12 30 34.80	+3.2826	+0.0432	-49 42 6.1	-19.866	+0.072	.2	3	49 7197
2527	9.0	31 1.94	3.2759	.0412	48 21 42.1	19.860	.073	.3	3	48 7517
2528	8.8	31 42.31	3.3031	.0462	51 19 3.4	19.852	.075	.3	3	50 7102
2529	8.3	31 42.69	3.3094	.0475	52 3 26.2	19.852	.075	.3	3	51 6813
2530	8.0	32 2.25	3.2866	.0422	48 55 28.3	19.848	.075	.3	3	48 7530
2531	9.0	12 32 31.22	+3.3006	+0.0444	-50 17 44.2	-19.842	+0.076	.3	3	49 7226
2532	8.8	32 32.87	3.2838	.0411	48 6 15.0	19.842	.076	.3	3	47 7726
2533	7.4	32 35.60	3.3159	.0475	52 3 34.4	19.841	.077	.4	3	51 6827
2534	6.9	33 11.15	3.3026	.0440	49 58 38.0	19.834	.078	.3	3	49 7233
2535	8.9	33 16.32	3.2869	.0409	47 53 49.5	19.833	.078	.3	4	47 7733
2536	4.2	12 34 8.29	+3.2947	+0.0414	-48 11 1.0	-19.822	+0.080	.2	3	47 7745
2537	8.0	34 56.86	3.2952	.0407	47 35 7.6	19.811	.081	.3	3	47 7755
2538	9.0	35 12.43	3.3242	.0459	50 51 29.5	19.808	.082	.3	3	50 7153
2539	8.5	35 13.83	3.3386	.0486	52 23 38.0	19.807	.083	.3	3	52 5159
2540	7.0	35 56.50	3.3084	.0425	48 42 33.4	19.802	.083	.3	3	48 7567
2541	9.0	12 35 41.51	+3.3329	+0.0470	-51 26 1.1	-19.801	+0.084	.3	3	51 6878
2542	8.0	36 10.03	3.3132	.0428	48 50 29.3	19.795	.084	.3	3	48 7576
2543	8.9	36 21.71	3.3461	.0487	52 17 40.6	19.792	.086	.3	3	51 6893
2544	7.5	36 45.47	3.3188	.0432	49 2 30.4	19.787	.086	.3	2	48 7583
2545	8.8	36 49.13	3.3255	.0444	49 45 11.4	19.786	.086	.3	3	49 7275
2546	8.7	12 36 50.47	+3.3293	+0.0450	-50 9 10.1	-19.785	+0.086	.3	4	49 7276
2547	8.3	36 56.26	3.3090	.0413	47 44 56.5	19.784	.086	.4	3	47 7777
2548	9.2	37 36.83	3.3096	.0409	47 18 1.1	19.774	.087	.2	3	46 8090
2549	7.7	37 41.38	3.3199	.0425	48 27 38.7	19.773	.088	.3	3	48 7596
2550	9.3	37 48.61	3.3416	.0462	50 45 19.7	19.772	.088	.3	3	50 7194

2518 s<sup>o</sup> 31<sup>o</sup> \* 8.7 2' S.    2521 p 31<sup>o</sup> \* 8.9 2' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2551	8.0	12 <sup>h</sup> 37 <sup>m</sup> 51 <sup>s</sup> .62	+3.3593	+0.0494	-52° 29' 34".3	-19.771	+0.089	.3	3	52° 51' 19"
2552*	9.1	37 53.22	3.3110	.0407	47 15 59.2	19.771	.088	.3	3	46 8097
2553	2.0	37 55.28	3.3227	.0427	48 36 10.4	19.770	.088	.3	3	48 7597
2554	8.4	37 55.51	3.3337	.0467	49 49 31.0	19.770	.088	.3	3	49 7294
2555*	8.6	38 19.46	3.3136	.0407	47 14 58.0	19.764	.089	.4	3	46 8104
2556	8.3	12 38 38.41	+3.3577	+0.0482	-51 46 24.6	-19.760	+0.090	.3	3	51 6921
2557	5.4	38 58.98	3.3283	.0427	48 27 22.7	19.755	.090	.3	4	48 7608
2558	8.2	39 12.19	3.3218	.0413	47 34 14.2	19.751	.091	.2	3	47 7796
2559	9.0	39 16.31	3.3490	.0460	50 27 37.2	19.750	.092	.3	3	50 7213
2560*	9.7	39 33.28	3.3287	.0422	48 5 32.2	19.746	.092	.3	3	47 7799
2561	9.0	12 39 51.30	+3.3418	+0.0441	-49 17 59.4	-19.741	+0.093	.3	3	48 7618
2562*	9.0	39 53.31	3.3308	.0422	48 5 3.6	19.741	.092	.3	3	47 7801
2563	8.9	40 26.60	3.3604	.0467	50 46 25.1	19.733	.094	.3	3	50 7232
2564	7.8	40 59.09	3.3530	.0449	49 40 38.4	19.724	.095	.3	3	49 7339
2565*	8.5	41 10.23	3.3830	.0499	52 24 0.1	19.721	.096	.3	3	52 5226
2566	8.7	12 41 30.05	+3.3754	+0.0482	-51 28 58.7	-19.716	+0.097	.3	3	51 6969
2567	9.0	41 35.35	3.3852	.0498	52 19 13.7	19.715	.098	.3	3	51 6972
2568	9.0	41 44.95	3.3692	.0468	50 44 24.4	19.712	.097	.3	5	50 7252
2569	6.6	41 45.36	3.3402	.0421	47 48 54.5	19.712	.096	.2	3	47 7830
2570	7.3	42 4.72	3.3619	.0454	49 49 22.3	19.707	.098	.3	3	49 7357
2571	9.0	12 42 6.08	+3.3437	+0.0424	-47 57 22.2	-19.707	+0.097	.3	3	47 7833
2572	8.6	42 37.27	3.3568	.0440	48 57 24.4	19.698	.099	.3	3	48 7651
2573	8.3	42 43.82	3.3506	.0429	48 15 22.9	19.696	.099	.3	3	47 7842
2574	9.1	42 50.20	3.3900	.0493	51 55 35.1	19.695	.100	.3	3	51 6989
2575	8.8	43 17.10	3.3812	.0474	50 51 2.7	19.687	.101	.3	3	50 7267
2576	9.0	12 43 24.50	+3.3960	+0.0496	-52 4 56.7	-19.685	+0.102	.3	3	51 6993
2577	8.6	44 12.59	3.3800	.0463	50 9 25.9	19.673	.103	.3	3	49 7379
2578	8.2	44 38.68	3.3634	.0433	48 18 43.6	19.665	.103	.3	3	47 7867
2579	7.8	44 49.87	3.4087	.0503	52 16 11.6	19.662	.105	.3	4	51 7012
2580	9.0	45 14.11	3.3970	.0480	51 2 13.9	19.655	.105	.2	3	50 7289
2581	9.0	12 45 33.11	+3.3997	+0.0482	-51 4 21.4	-19.649	+0.106	.3	3	50 7295
2582	8.4	45 41.05	3.4143	.0504	52 12 51.4	19.647	.107	.3	3	51 7026
2583	8.6	46 6.78	3.4032	.0482	51 2 18.7	19.639	.107	.3	3	50 7300
2584	6.7	46 10.06	3.3913	.0463	49 58 10.1	19.638	.107	.3	3	49 7408
2585*	8.6	46 13.42	3.3866	.0455	49 30 51.4	19.637	.107	.3	3	49 7411
2586*	8.9	12 46 38.62	+3.3893	+0.0456	-49 30 33.5	-19.630	+0.108	.3	3	49 7417
2587	7.5	46 39.48	3.3742	.0433	48 6 20.7	19.630	.108	.3	3	47 7893
2588	7.6	46 50.02	3.4186	.0500	51 52 49.2	19.627	.110	.3	3	51 7041
2589	8.3	46 57.25	3.4155	.0494	51 33 32.4	19.625	.110	.3	3-4	51 7044
2590	5.9	47 14.04	3.4285	.0511	52 26 0.4	19.620	.110	.2	3	52 5300
2591	8.8	12 47 27.74	+3.3974	+0.0459	-49 44 4.2	-19.615	+0.110	.3	3	49 7426
2592	9.0	47 33.97	3.4001	.0464	49 54 48.9	19.614	.110	.3	3	49 7430
2593	9.0	48 22.74	3.4068	.0468	50 0 39.2	19.599	.112	.3	3	49 7445
2594	6.9	48 24.89	3.3814	.0430	47 44 27.6	19.598	.112	.3	3	47 7917
2595	8.2	49 25.76	3.4265	.0493	51 35 28.5	19.598	.113	.3	3	51 7070
2596	8.4	12 48 40.85	+3.3999	+0.0455	-49 14 43.6	-19.593	+0.113	.3	3	48 7737
2597	8.2	48 46.05	3.4385	.0511	52 18 50.9	19.592	.114	.3	3	51 7074
2598	8.7	49 3.83	3.4387	.0509	52 10 39.8	19.586	.115	.3	3	51 7077
2599*	5.0	49 25.58	3.3972	.0445	48 35 23.3	19.579	.114	.3	3	48 7753
2600	8.7	49 43.04	3.4128	.0465	49 45 8.4	19.574	.115	.3	3	49 7464

2552 { p 17\* \* 9.0 2' S.      2255 p 26\* \* 8.9 1' S.      2560 s 21\* \* 9.0 1' N.      2562 p 21\* \* 9.0 1' S.      2565 p 1\* \*  
 { s 26\* \* 7.7 1' N.      10.0 0'5 S.      2585 s 25\* \* 9.0 0'1 N.      2586 p 25 \* 8.1 0'1 S.      2599 roja.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2601	8.5	12 <sup>b</sup> 50 <sup>m</sup> 11 <sup>s</sup> 45	+3.4435	+0.0506	—51° 55' 25.6	—19.565	+0.117	.3	5-4	51° 7' 10.1
2602	8.8	50 15.28	3.4503	.0516	52 23 37.9	19.564	.118	.2	3	52 53.28
2603	8.0	50 27.76	3.4336	.0489	51 0 47.5	19.560	.118	.3	3	50 73.59
2604	9.0	50 39.06	3.4344	.0489	50 58 37.8	19.556	.118	.3	3	50 73.62
2605	8.8	51 23.50	3.4459	.0499	51 27 22.6	19.542	.120	.3	3	51 71.17
2606	7.7	12 51 26.69	+3.4003	+0.0434	—47 44 21.5	—19.541	+0.118	.3	3	47 79.52
2607	9.0	51 33.68	3.3975	.0429	47 25 58.2	19.539	.119	.3	3	47 79.53
2608	9.1	51 33.80	3.4316	.0477	50 15 51.0	19.539	.120	.3	3	49 74.80
2609	9.2	52 3.41	3.4218	.0459	49 12 59.8	19.529	.120	.3	3	48 77.87
2610	8.3	52 7.47	3.4529	.0503	51 34 55.9	19.528	.122	.3	3	51 71.25
2611	8.7	12 52 18.17	+3.4050	+0.0434	—47 41 0.1	—19.524	+0.120	.3	3	47 79.67
2612	7.0	52 57.57	3.4050	.0430	47 20 4.4	19.511	.122	.3	4	47 79.72
2613	5.3	53 19.07	3.4514	.0491	50 50 48.8	19.504	.124	.2	3	50 73.94
2614	8.8	53 19.36	3.4226	.0451	48 36 40.9	19.504	.123	.3	3	48 78.07
2615	9.1	53 19.70	3.4221	.0450	48 33 56.5	19.504	.123	.3	3	48 78.08
2616	9.0	12 53 30.62	+3.4644	+0.0508	—51 41 51.3	—19.500	+0.125	.3	3	51 71.44
2617	9.0	53 34.63	3.4133	.0436	47 42 32.4	19.499	.124	.3	3	47 79.79
2618	8.8	53 38.08	3.4206	.0446	48 17 3.9	19.497	.124	.3	3	47 79.80
2619	8.5	53 51.83	3.4364	.0466	49 25 44.8	19.493	.125	.3	3	49 75.13
2620	8.8	54 10.73	3.4774	.0521	52 15 49.1	19.486	.127	.3	3	51 71.54
2621	8.7	12 54 33.99	+3.4517	+0.0481	—50 13 52.4	—19.478	+0.127	.3	3	49 75.19
2622	8.9	54 38.75	3.4464	.0473	49 47 43.0	19.477	.127	.3	3	49 75.23
2623	8.0	54 39.98	3.4651	.0499	51 9 29.5	19.476	.128	.3	4	50 74.10
2624	8.6	55 21.24	3.4719	.0503	51 17 46.2	19.462	.129	.3	4	50 74.25
2625*	9.0	55 48.50	3.4330	.0447	48 10 30.9	19.452	.129	.3	3	47 80.00
2626*	9.0	12 55 49.63	+3.4331	+0.0447	—48 10 28.0	—19.452	+0.129	.3	3	47 80.01
2627	8.8	56 29.88	3.4725	.0494	50 46 34.5	19.438	.132	.3	3	50 74.34
2628*	7.3	56 32.05	3.4386	.0449	48 15 11.7	19.437	.130	.3	3	47 80.12
2629	9.0	56 49.22	3.4624	.0479	49 54 11.8	19.431	.132	.3	3	49 75.52
2630	8.6	57 57.31	3.4460	.0449	48 8 5.7	19.406	.134	.3	3	47 80.36
2631	8.4	12 58 10.77	+3.4833	+0.0496	—50 43 11.8	—19.401	+0.136	.3	3	50 74.58
2632	8.6	58 22.30	3.4500	.0452	48 13 54.2	19.397	.135	.3	3	47 80.40
2633	8.4	58 26.25	3.4958	.0511	51 26 23.3	19.396	.137	.3	3	51 72.00
2634*	8.7	59 17.20	3.4689	.0470	49 11 34.1	19.377	.138	.3	4	48 78.82
2635	8.7	59 39.78	3.4879	.0491	50 20 26.8	19.368	.139	.3	4	50 74.75
2636*	5.3	12 59 46.88	+3.4719	+0.0470	—49 10 40.1	—19.366	+0.139	.3	3	48 78.87
2637	9.0	59 49.85	3.4566	.0450	48 2 18.6	19.365	.138	.3	3	47 80.55
2638	7.9	13 0 44.33	3.4588	.0447	47 47 2.5	19.344	.140	.3	3	47 80.64
2639	7.8	1 11.92	3.5036	.0500	50 41 32.4	19.333	.143	.3	3	50 75.00
2640	9.0	1 12.68	3.5257	.0528	52 4 49.1	19.333	.144	.3	3	51 72.44
2641	8.8	13 1 28.86	+3.5028	+0.0498	—50 30 30.0	—19.327	+0.144	.3	3	50 75.07
2642	9.1	1 29.43	3.4870	.0477	49 27 1.0	19.327	.143	.3	3	49 76.21
2643	6.5	1 40.80	3.5240	.0523	51 46 3.5	19.322	.145	.3	3	51 72.48
2644	8.0	1 44.85	3.4895	.0479	49 30 12.2	19.321	.144	.3	3	49 76.26
2645	5.3	2 30.03	3.4743	.0454	48 6 54.6	19.303	.145	.3	4	47 80.88
2646	9.0	13 2 32.48	+3.5374	+0.0532	—52 12 18.9	—19.302	+0.147	.3	4	51 72.62
2647	8.0	2 43.00	3.5142	.0503	50 42 5.8	19.298	.147	.3	3	50 75.19
2648	9.0	2 48.83	3.4940	.0477	49 20 10.7	19.296	.146	.3	3	49 76.43
2649	8.9	2 56.70	3.4641	.0440	47 10 44.0	19.292	.145	.3	3	46 84.02
2650	5.0	3 6.29	3.4992	.0482	49 33 31.0	19.289	.147	.3	3	49 76.44

2625 s 1° \* 9.0 0.1 S.

2626 p 1° \* 9.0 0.1 N.

2628 doble.

2634 s 30° \* 5.5 1' N.

2636 p 30° \* 8.7 1' S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2651	8.9	13 <sup>h</sup> 3 <sup>m</sup> 22.09	+3.5344	+0.0523	-51° 40' 8".1	-19.282	+0.149	.3	3	51° 7275
2652	7.5	3 34.95	3.5483	.0538	52 24 12.3	19.277	.150	.3	3	52 5444
2653	8.3	3 38.34	3.4756	.0449	47 42 10.7	19.276	.147	.3	3	47 8099
2654	8.8	3 52.56	3.5111	.0491	50 0 9.7	19.270	.149	.3	3	49 7651
2655	—	3 53.87	3.5017	.0479	49 22 43.6	19.270	.149	.3	3	49 7653
2656	8.6	13 4 1.14	+3.5507	+0.0540	-52 21 37.0	-19.267	+0.151	.3	4	52 5452
2657	9.0	4 1.43	3.5476	.0535	52 10 37.9	19.267	.151	.3	4	51 7282
2658	8.5	4 24.73	3.4752	.0444	47 20 32.4	19.257	.149	.3	3	47 8109
2659	8.9	4 25.83	3.4968	.0470	48 49 27.1	19.257	.150	.3	3	48 7942
2660	8.6	4 30.63	3.5171	.0494	50 6 49.8	19.255	.151	.3	3	49 7659
2661	8.9	13 4 52.65	+3.4812	+0.0449	-47 33 37.6	-19.246	+0.150	.3	3	47 8113
2662	9.0	4 57.80	3.5339	.0511	50 57 50.0	19.244	.152	.3	3	50 7545
2663	8.0	5 17.02	3.5072	.0477	49 8 53.8	19.236	.152	.3	2	48 7952
2664	8.2	5 28.91	3.5437	.0520	51 20 9.1	19.231	.154	.3	3	51 7300
2665	7.8	5 39.37	3.4950	.0460	48 10 41.0	19.227	.152	.3	3	47 8120
2666	8.0	13 5 51.54	+3.5212	+0.0490	-49 48 12.4	-19.222	+0.154	.3	3	49 7680
2667	8.8	6 2.80	3.4904	.0452	47 42 20.6	19.217	.153	.3	4	47 8122
2668	8.0	6 9.00	3.4839	.0444	47 12 33.2	19.215	.152	.3	4	46 8442
2669	9.2	6 26.99	3.5692	.0544	52 24 25.1	19.207	.157	.3	3	52 5472
2670	9.7	6 34.75	3.5223	.0486	49 34 31.1	19.204	.155	.3	3	49 7691
2671*	8.8	13 6 44.49	+3.5675	+0.0539	-52 11 37.0	-19.200	+0.157	.3	3	51 7322
2672	9.3	6 53.38	3.5190	.0481	49 14 12.3	19.196	.156	.3	3	48 7974
2673*	6.8	7 5.37	3.5705	.0541	52 13 14.9	19.191	.159	.3	3	51 7329
2674	8.7	7 23.90	3.5134	.0471	48 39 57.0	19.183	.157	.3	3	48 7988
2675	8.3	7 25.92	3.5098	.0466	48 25 30.8	19.182	.156	.3	3	48 7989
2676	7.2	13 7 58.47	+3.5814	+0.0548	-52 28 0.4	-19.169	+0.161	.3	3	52 5486
2677	8.8	8 8.30	3.5277	.0483	49 16 21.9	19.164	.159	.3	3	48 7997
2678	9.0	8 14.33	3.5338	.0489	49 36 52.4	19.162	.159	.3	3	49 7713
2679	7.8	8 16.21	3.5358	.0491	49 43 16.3	19.161	.159	.3	4	49 7716
2680	8.7	8 21.16	3.5672	.0528	51 31 59.2	19.159	.162	.3	4	51 7341
2681	8.5	13 8 42.19	+3.5455	+0.0500	-50 7 53.6	-19.150	+0.161	.3	3	49 7724
2682	5.8	9 31.35	3.5547	.0506	50 21 17.5	19.128	.163	.3	3	50 7589
2683	8.9	9 31.67	3.5851	.0541	52 3 45.7	19.128	.164	.3	3	51 7359
2684	5.2	10 53.19	3.5345	.0474	48 36 41.2	19.093	.165	.3	3	48 8050
2685	8.0	11 1.83	3.5846	.0530	51 27 36.6	19.089	.167	.3	3	51 7375
2686	8.6	13 11 23.23	+3.5720	+0.0513	-50 37 29.5	-19.079	+0.168	.3	3	50 7616
2687	8.7	11 36.07	3.5162	.0450	47 10 32.7	19.073	.166	.3	3	46 8509
2688	8.8	11 51.04	3.5667	.0504	50 8 49.6	19.067	.168	.3	3	49 7760
2689	8.5	12 10.36	3.5760	.0513	50 33 12.7	19.058	.170	.3	3	50 7622
2690	8.8	12 12.18	3.5747	.0511	50 27 54.7	19.057	.170	.3	4	50 7623
2691	7.8	13 12 17.06	+3.6049	+0.0545	-52 4 16.2	-19.055	+0.171	.3	4	51 7391
2692	9.2	12 19.43	3.5356	.0469	48 7 17.1	19.054	.168	.3	3	47 8183
2693	8.9	12 21.05	3.5783	.0514	50 36 41.6	19.053	.170	.3	3	50 7626
2694	7.0	13 54.24	3.5311	.0454	47 14 50.7	19.011	.171	.3	3	46 8538
2695	8.6	13 57.13	3.5754	.0501	49 51 16.4	19.009	.174	.3	3	49 7790
2696	7.4	13 14 39.82	+3.6001	+0.0525	-50 56 37.1	-18.989	+0.176	.3	3	50 7660
2697	7.0	14 49.70	3.5754	.0496	49 32 10.9	18.985	.175	.3	3	49 7803
2698	8.3	15 8.59	3.6300	.0554	52 18 46.3	18.976	.178	.3	3	51 7425
2699	8.6	15 34.90	3.5557	.0471	48 7 32.9	18.964	.176	.3	3	47 8222
2700	8.3	16 33.51	3.5749	.0485	48 52 56.7	18.936	.179	.3	3	48 8118

2671 s 21° \* 6.5 1' 8 S. 2673 p 21° \* 8.9 1' 8 N.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2701	6.3	13 <sup>h</sup> 16 <sup>m</sup> 40 <sup>s</sup> .00	+3.6428	+0.0556	-52° 24' 23.6	-18.933	+0.182	.3	3	52° 55' 67
2702	9.0	16 49.81	3.6340	.0548	51 54 53.2	18.928	.182	.3	3	51 74' 49
2703	8.3	17 13.64	3.6251	.0536	51 19 50.0	18.916	.183	.3	3	51 74' 53
2704	8.8	17 16.96	3.5881	.0496	49 21 31.4	18.915	.181	.3	3	49 78' 43
2705	8.4	17 39.25	3.5544	.0458	47 18 14.5	18.904	.180	.3	3	46 85' 85
2706	8.0	13 18 0.67	+3.6228	+0.0528	-50 56 30.2	-18.894	+0.184	.3	3	50 77' 08
2707	8.3	18 4.35	3.5971	.0500	49 34 20.7	18.892	.183	.3	3	49 78' 56
2708	9.0	18 4 93	3.6315	.0537	51 21 32.6	18.892	.185	.3	3	51 74' 64
2709*	6.6	18 18.23	3.6428	.0548	51 50 34.5	18.885	.186	.3	3	51 74' 65
2710	8.7	18 26.21	3.6350	.0536	51 24 36.1	18.881	.186	.3	3	51 74' 68
2711*	8.6	13 18 33.97	+3.6444	+0.0548	-51 49 41.1	-18.877	+0.186	.3	3	51 74' 71
2712	6.6	18 59.39	3.5675	.0465	47 36 12.8	18.865	.184	.3	4	47 82' 60
2713	6.9	19 8.90	3.5793	.0476	48 13 22.9	18.860	.184	.3	3	47 82' 61
2714	6.8	19 56.97	3.6075	.0501	49 28 58.8	18.836	.188	.3	3	49 78' 84
2715	7.3	19 59.69	3.5726	.0465	47 33 3.2	18.835	.186	.3	3	47 82' 73
2716	8.4	13 20 0.80	+3.5709	+0.0463	-47 26 48.0	-18.834	+0.186	.3	3	47 82' 74
2717	6.3	20 27.46	3.6515	.0544	51 32 11.4	18.821	.192	.3	3	51 74' 88
2718	7.2	20 38.14	3.6450	.0536	51 9 55.5	18.816	.191	.3	3	50 77' 47
2719	8.8	20 43.14	3.6270	.0516	50 14 9.9	18.813	.191	.3	3	49 79' 00
2720*	9.0	20 51.03	3.5726	.0460	47 15 39.0	18.809	.188	.3	3	46 86' 22
2721	9.0	13 20 52.55	+3.6650	+0.0556	-52 2 23.7	-18.809	+0.193	.3	3	51 74' 96
2722	8.0	21 13.37	3.6560	.0545	51 30 13.0	18.798	.193	.3	3	51 75' 00
2723*	8.7	21 21.67	3.6434	.0530	50 50 39.8	18.794	.193	.3	4	50 77' 55
2724	7.5	21 21.99	3.6580	.0546	51 33 4.1	18.794	.193	.2	3	51 75' 04
2725*	8.5	21 29.21	3.5770	.0462	47 17 40.8	18.790	.190	.3	3	46 86' 28
2726	8.3	13 21 30.62	+3.6690	+0.0556	-52 1 23.8	-18.789	+0.194	.3	3	51 75' 08
2727	8.0	21 50.93	3.5824	.0465	47 28 49.5	18.779	.190	.3	3	47 82' 95
2728	9.0	21 55.45	3.5777	.0459	47 11 13.0	18.777	.190	.3	3	46 86' 38
2729*	8.3	21 57.87	3.6473	.0531	50 50 18.9	18.775	.194	.3	3	50 77' 64
2730	7.5	22 3.55	3.6542	.0537	51 8 29.3	18.772	.194	.3	3	50 77' 65
2731	7.0	13 22 21.69	+3.6032	+0.0484	-48 26 54.3	-18.763	+0.193	.3	3	48 81' 88
2732	9.0	22 29.97	3.6214	.0501	49 21 39.6	18.759	.194	.3	3	49 79' 24
2733	8.5	22 46.36	3.6215	.0499	49 16 29.4	18.751	.194	.3	3	48 81' 95
2734	8.9	22 47.92	3.6876	.0568	52 27 30.5	18.749	.198	.3	4	52 56' 22
2735	6.9	23 10.34	3.6150	.0491	48 48 22.4	18.738	.195	.3	3	48 82' 02
2736	6.5	13 23 24.17	+3.6210	+0.0496	-49 2 37.8	-18.731	+0.196	.3	3	48 82' 06
2737	9.0	23 48.90	3.6753	.0549	51 34 15.1	18.718	.199	.3	3	51 75' 32
2738	8.9	24 10.30	3.5942	.0466	47 22 2.3	18.707	.196	.3	3	47 83' 44
2739	9.0	24 22.58	3.6659	.0536	50 57 17.5	18.701	.200	.3	3	50 77' 94
2740	8.2	24 36.73	3.6206	.0489	48 38 4.4	18.693	.198	.3	3	48 82' 28
2741	5.0	13 25 25.47	+3.6703	+0.0534	-50 49 44.4	-18.667	+0.203	.3	3	50 78' 12
2742	7.7	25 36.30	3.7066	.0570	52 25 17.6	18.662	.205	.3	3	52 56' 39
2743	7.3	25 40.84	3.6063	.0470	47 32 22.5	18.659	.200	.3	3	47 83' 65
2744	9.0	25 51.04	3.6541	.0514	49 55 33.2	18.654	.203	.3	2-3	49 79' 71
2745	9.0	26 26.91	3.6127	.0472	47 38 14.7	18.635	.202	.3	4	47 83' 70
2746	8.3	13 26 49.86	+3.6419	+0.0498	-49 1 10.3	-18.622	+0.204	.3	3	48 82' 60
2747	9.0	27 6.59	3.6785	.0533	50 41 22.7	18.613	.207	.3	3	50 78' 37
2748	9.0	27 36.13	3.6982	.0550	51 26 12.4	18.597	.209	.3	3	51 75' 66
2749	7.7	27 39.32	3.6233	.0476	47 49 4.9	18.595	.205	.3	3	47 83' 83
2750	7.3	27 43.33	3.6178	.0471	47 30 22.4	18.593	.205	.3	3	47 83' 84

2709 s 16° \* 8.3 1' N.    2711 p 16° 1' S.    2720 s 38° \* 8.8 2' S.    2723 s 38° \* 8.1 0.2 S.    2725 p 38° \* 9.0 2' N.  
2729 p 38° 0.2 S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2751	9.3	13 <sup>h</sup> 27 <sup>m</sup> 46 <sup>s</sup> .55	+3.6639	+0.0515	-49° 47' 57".4	-18.591	+0.209	.3	2	49° 7997
2752	6.9	28 0.55	3.7024	.0552	51 30 14.1	18.584	.210	.3	3	51 7569
2753	8.2	29 10.25	3.6250	.0470	47 26 18.4	18.546	.206	.3	3	47 8401
2754	9.0	29 24.01	3.6495	.0493	48 36 29.5	18.538	.210	.3	3	48 8290
2755	9.0	29 50.44	3.7190	.0558	51 40 52.6	18.523	.215	.4	3	51 7587
2756	9.0	13 30 16.22	+3.7375	+0.0574	-52 20 36.1	-18.509	+0.217	.3	4	52 5691
2757	7.2	30 31.26	3.6428	.0481	47 56 20.7	18.500	.212	.3	3	47 8417
2758	9.0	30 36.28	3.7116	.0546	51 8 12.4	18.498	.216	.3	3	50 7879
2759	8.7	30 37.47	3.6764	.0512	49 31 58.0	18.497	.214	.3	3	49 8030
2760	7.1	30 48.43	3.6977	.0531	50 27 33.9	18.491	.216	.3	3	50 7882
2761	9.0	13 30 54.20	+3.6893	+0.0517	-50 3 7.5	-18.487	+0.216	.3	3	49 8035
2762	9.0	31 3.77	3.7306	.0562	51 49 25.1	18.482	.218	.3	2	51 7599
2763	8.8	31 10.64	3.7430	.0574	52 18 26.8	18.478	.219	.3	3	51 7601
2764	8.2	31 38.63	3.6545	.0486	48 11 7.7	18.462	.216	.3	3	47 8437
2765	8.0	31 47.17	3.6694	.0500	48 51 42.3	18.457	.216	.3	3	48 8320
2766	9.0	13 32 3.16	+3.7509	+0.0576	-52 22 53.3	-18.448	+0.221	.4	3	52 5700
2767	8.6	32 12.82	3.6638	.0492	48 28 12.4	18.443	.217	.3	4	48 8328
2768	8.9	32 18.87	3.7173	.0542	50 53 18.7	18.439	.220	.3	3	50 7898
2769	8.1	32 31.92	3.7093	.0533	50 28 40.8	18.432	.220	.3	3	50 7902
2770	8.8	32 44.11	3.7538	.0575	52 18 28.0	18.425	.223	.3	3	52 5709
2771	8.8	13 33 6.54	+3.7422	+0.0562	-51 43 21.0	-18.412	+0.223	.3	3	51 7624
2772	8.9	33 24.39	3.6451	.0470	47 12 23.5	18.402	.218	.3	3	46 8753
2773	9.1	33 26.61	3.7322	.0550	51 12 25.6	18.401	.224	.3	3	50 7915
2774	6.8	33 53.74	3.7134	.0530	50 16 11.2	18.385	.223	.3	3	49 8072
2775	7.6	34 7.11	3.7092	.0525	50 1 8.5	18.377	.224	.3	3	49 8074
2776	8.3	13 34 11.35	+3.6583	+0.0478	-47 38 0.9	-18.375	+0.221	.3	3	47 8466
2777	8.7	34 22.64	3.7042	.0520	49 43 30.5	18.368	.224	.4	3	49 8076
2778	8.9	34 23.02	3.7388	.0552	51 13 17.5	18.368	.226	.3	4	50 7928
2779	8.7	34 37.25	3.7297	.0542	50 46 16.8	18.359	.226	.3	3	50 7931
2780	7.3	34 48.50	3.6945	.0508	49 9 51.9	18.353	.224	.3	3	48 8367
2781	8.2	13 34 53.63	+3.7580	+0.0567	-51 52 36.8	-18.350	+0.228	.3	3	51 7640
2782	8.8	35 9.80	3.6817	.0495	48 28 20.7	18.340	.224	.3	3	48 8374
2783*	8.8	35 9.91	3.7092	.0520	49 43 31.8	18.340	.226	.3	3	49 8085
2784	9.0	35 10.77	3.7253	.0535	50 25 32.1	18.340	.227	.3	3	50 7938
2785*	8.0	35 14.18	3.6863	.0499	48 40 3.3	18.338	.225	.3	3	48 8375
2786	9.0	13 35 33.83	+3.6580	+0.0472	-47 13 33.9	-18.326	+0.224	.3	3	46 8777
2787	8.2	35 41.25	3.7755	.0580	52 21 29.9	18.322	.231	.3	3	52 5741
2788	8.5	35 49.83	3.6778	.0488	48 6 13.9	18.317	.225	.4	3	47 8489
2789	8.7	35 56.50	3.7401	.0545	50 50 42.3	18.313	.229	.3	4	50 7947
2790	6.0	35 58.01	3.7119	.0518	49 37 14.4	18.312	.228	.3	3	49 8095
2791	8.2	13 36 12.78	+3.7269	+0.0531	-50 12 34.1	-18.303	+0.229	.3	2	49 8099
2792*	8.8	36 23.23	3.7316	.0534	50 21 43.4	18.297	.230	.3	3	50 7952
2793	8.2	36 37.41	3.7739	.0573	52 2 30.1	18.288	.233	.3	3	51 7661
2794*	6.8	37 11.41	3.6834	.0487	47 59 23.0	18.268	.229	.3	3	47 8511
2795	8.8	37 22.75	3.7851	.0580	52 16 41.3	18.261	.235	.3	3	51 7668
2796	8.8	13 37 53.85	+3.7052	+0.0503	-48 47 33.0	-18.243	+0.232	.3	3	48 8413
2797	8.9	38 6.52	3.7130	.0509	49 4 55.8	18.235	.232	.3	3	48 8416
2798	8.3	38 17.70	3.7672	.0557	51 19 32.2	18.228	.236	.3	3	51 7677
2799	7.5	38 49.73	3.7496	.0538	50 27 44.6	18.209	.236	.4	3	50 7983
2800*	8.5	39 39.21	3.7756	.0558	51 17 52.4	18.178	.240	.3	4	50 7991

2783 s 2° 0' 7" S.    2785 s 2° 0' 2" S.    2792 p 13° 0' 4" S.    2794 doble.    2800 p 30 s =  $\delta$ .

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec	Var. Sec.	1935.0 +	N° Obs.	Cord.
2801	7.9	13 <sup>h</sup> 39 <sup>m</sup> 45 <sup>s</sup> .63	+3 <sup>s</sup> .7883	+0 <sup>s</sup> .0569	—51°46'21".1	—18".174	+0".241	.3	3	51°-7692
2802	8.8	40 0.02	3.7209	.0516	49 18 51.0	18.166	.238	.3	3	49 8149
2803	7.3	40 10.31	3.7637	.0544	50 41 7.4	18.159	.240	.3	3	50 7998
2804	8.4	40 14.51	3.7954	.0573	51 55 23.4	18.157	.242	.3	3	51 7697
2805	8.9	40 40.77	3.7261	.0508	48 58 21.4	18.140	.239	.3	3	48 8446
2806	6.8	13 41 25.37	+3.7190	+0.0499	—48 27 59.4	—18.113	+0.240	.3	3	48 8458
2807	9.0	41 26.33	3.7252	.0504	48 43 53.9	18.112	.240	.3	3	48 8457
2808	9.0	41 27.44	3.7277	.0506	48 50 9.9	18.111	.240	.3	3	48 8459
2809	9.0	41 46.39	3.7630	.0536	50 14 27.8	18.100	.244	.3	3	49 8173
2810	9.1	41 52.70	3.7419	.0517	49 20 6.1	18.096	.242	.4	3	49 8174
2811	8.4	13 41 55.93	+3.8084	+0.0576	—51 58 53.3	—18.094	+0.246	.3	4	51 7723
2812	8.0	41 58.75	3.8142	.0579	52 11 19.5	18.092	.247	.3	3	51 7724
2813	8.8	42 2.64	3.7725	.0543	50 33 15.8	18.089	.244	.3	3	50 8015
2814	5.5	42 31.72	3.7896	.0556	51 6 25.5	18.071	.246	.3	3	50 8017
2815	7.5	43 1.50	3.8147	.0576	51 56 39.2	18.052	.249	.3	3	51 7732
2816	8.4	13 43 5.55	+3.7116	+0.0485	—47 42 12.9	—18.050	+0.243	.3	3	47 8606
2817	6.6	43 21.29	3.7652	.0530	49 55 30.3	18.040	.247	.3	3	49 8194
2818	8.6	43 32.31	3.7487	.0515	49 11 36.5	18.033	.246	.3	3	48 8482
2819*	6.2	43 33.30	3.7682	.0532	49 59 46.7	18.032	.247	.3	3	49 8198
2820	8.0	43 34.86	3.7636	.0527	49 48 2.6	18.031	.247	.3	3	49 8199
2821	8.8	13 43 48.18	+3.7419	+0.0508	—48 50 23.3	—18.023	+0.246	.4	3	48 8487
2822	8.5	43 57.59	3.7199	.0488	47 50 51.9	18.017	.245	.3	4	47 8621
2823	8.9	44 16.10	3.7062	.0476	47 9 30.6	18.005	.245	.3	3	46 8865
2824	8.0	44 25.89	3.7192	.0486	47 41 49.2	17.998	.246	.3	3	47 8626
2825	9.0	44 30.36	3.7256	.0491	47 57 38.3	17.996	.247	.3	3	47 8627
2826	8.4	13 45 46.97	+3.8001	+0.0548	—50 42 0.0	—17.946	+0.254	.3	3	50 8057
2827	8.9	45 47.75	3.7802	.0535	49 55 1.0	17.946	.253	.3	3	49 8223
2828	7.9	45 48.96	3.8160	.0562	51 17 54.7	17.945	.256	.3	3	50 8058
2829	8.8	45 57.55	3.7789	.0529	49 49 28.6	17.939	.253	.3	3	49 8225
2830	8.9	46 1.31	3.7368	.0494	48 3 53.7	17.937	.251	.3	3	47 8645
2831	8.3	13 46 13.71	+3.7964	+0.0544	—50 26 55.1	—17.929	+0.255	.3	3	50 8065
2832	8.6	46 16.05	3.7356	.0492	47 57 4.9	17.927	.251	.3	3	47 8649
2833	8.6	46 22.94	3.8379	.0579	51 58 12.2	17.923	.258	.3	4	51 7765
2834	8.8	47 11.64	3.7443	.0495	48 5 41.8	17.891	.254	.3	3	47 8657
2835*	7.5	47 28.63	3.7430	.0492	47 58 16.1	17.880	.254	.3	3	47 8662
2836*	7.7	13 47 30.97	+3.7434	+0.0493	—47 58 37.0	—17.878	+0.254	.2	3	47 8664
2837*	8.4	47 55.76	3.7583	.0503	48 30 4.4	17.862	.256	.3	3	48 8544
2838*	6.8	47 59.02	3.7360	.0485	47 32 39.4	17.860	.255	.3	3	47 8670
2839	9.0	48 9.14	3.8383	.0570	51 33 42.6	17.853	.262	.3	3	51 7792
2840	9.0	48 14.47	3.8373	.0569	51 30 6.9	17.849	.262	.3	3	51 7795
2841*	9.0	13 48 17.38	+3.8459	+0.0576	—51 48 6.5	—17.847	+0.263	.3	3	51 7796
2842	8.0	48 19.39	3.8213	.0554	50 53 22.4	17.846	.261	.3	3	50 8086
2843	7.5	48 30.69	3.8148	.0548	50 36 1.3	17.839	.261	.3	3	50 8092
2844*	8.7	48 37.81	3.8474	.0575	51 46 35.0	17.834	.263	.3	3-4	51 7802
2845	8.3	49 0.20	3.8244	.0554	50 50 39.1	17.819	.263	.3	3	50 8095
2846	8.4	13 49 19.51	+3.8634	+0.0585	—52 10 52.1	—17.806	+0.266	.3	3	51 7813
2847	8.9	49 32.39	3.8045	.0534	49 57 44.0	17.797	.262	.3	3	49 8274
2848	8.8	49 41.51	3.7743	.0509	48 43 51.5	17.791	.261	.3	3	48 8570
2849	7.0	49 50.72	3.8131	.0541	50 14 29.2	17.785	.264	.3	3	49 8278
2850	8.8	50 2.02	3.8374	.0560	51 4 49.6	17.777	.266	.3	3	50 8104

2819 roja. 2835 s 2<sup>s</sup> \* 7.5 0'4 S. 2836 p 2<sup>s</sup> \* 7.5 0'4 N. 2837 p 7<sup>s</sup> 0.3 N. 2838 p 1<sup>s</sup> 0'3 S. 2841 s 20\*

\* 8.7 1'6 N. 2844 p 20<sup>s</sup> \* 8.9 1'6 S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2851	7.6	13 <sup>h</sup> 50 <sup>m</sup> 14 <sup>s</sup> .22	+3.87687	+0.0502	-48° 22' 23".1	-17.7669	+0.262	.3	3	48° 85' 78
2852	8.7	50 18.57	3.8425	.0563	51 12 15.1	17.766	.267	.3	3	50 81 07
2853*	8.7	50 29.38	3.8212	.0544	50 22 20.3	17.759	.266	.3	3	50 81 11
2854	8.0	50 29.53	3.7855	.0514	48 59 24.9	17.759	.263	.3	3	48 85 83
2855*	8.7	50 31.14	3.8213	.0544	50 22 15.3	17.758	.266	.3	4	50 81 12
2856	8.5	13 50 31.41	+3.8467	+0.0565	-51 18 13.1	-17.757	+0.270	.3	3	51 78 28
2857	8.6	50 35.07	3.7663	.0498	48 11 31.0	17.755	.262	.3	3	47 87 11
2858	7.5	50 37.10	3.7574	.0491	47 48 53.6	17.754	.262	.3	3	47 87 14
2859	5.5	50 59.78	3.8648	.0578	51 50 29.6	17.738	.270	.3	3	51 78 32
2860*	8.9	51 0.26	3.8258	.0545	50 25 34.0	17.738	.267	.3	3	50 81 17
2861	8.8	13 51 16.30	+3.7996	+0.0522	-49 21 42.5	-17.727	+0.266	.3	3	49 83 00
2862	8.0	51 18.00	3.8598	.0574	51 39 30.3	17.726	.270	.3	3	51 78 36
2863	8.5	51 29.27	3.7928	.0516	49 2 40.4	17.718	.266	.3	3	48 85 91
2864	7.5	51 42.57	3.8280	.0544	50 20 32.2	17.709	.269	.3	3	50 81 26
2865	7.8	51 59.30	3.7838	.0506	48 34 21.6	17.698	.266	.3	3	48 86 01
2866	7.2	13 52 13.83	+3.8693	+0.0575	-51 43 3.4	-17.688	+0.273	.3	4	51 78 46
2867	8.9	52 38.89	3.7749	.0496	48 3 30.3	17.671	.267	.3	3	47 87 41
2868	8.4	52 41.13	3.8156	.0529	49 38 59.8	17.669	.270	.3	3	49 83 15
2869	8.5	52 43.66	3.7937	.0510	48 47 40.8	17.667	.269	.3	3	48 86 13
2870	7.0	53 40.23	3.7969	.0510	48 42 6.5	17.628	.271	.3	3	48 86 30
2871	9.0	13 53 46.31	+3.7991	+0.0511	-48 45 53.2	-17.624	+0.271	.3	3	48 86 32
2872	8.3	53 46.36	3.8978	.0588	52 20 41.9	17.624	.278	.3	3	52 58 89
2873	6.5	54 21.26	3.7868	.0499	48 8 51.6	17.600	.272	.3	3	47 87 72
2874	8.0	54 45.93	3.7729	.0486	47 29 26.9	17.583	.272	.3	3	47 87 76
2875	9.0	54 58.61	3.8564	.0550	50 38 25.0	17.574	.278	.3	3	50 81 59
2876	8.5	13 55 4.50	+3.8837	+0.0575	-51 34 36.9	-17.569	+0.280	.3	3	51 78 79
2877	6.3	55 6.34	3.8411	.0540	50 3 13.1	17.568	.277	.3	4	49 83 56
2878	9.0	55 26.19	3.8072	.0510	48 42 5.6	17.554	.275	.3	3	48 86 53
2879*	7.7	55 35.10	3.8401	.0532	49 54 40.3	17.548	.278	.3	3	49 83 62
2880*	9.0	56 3.09	3.8428	.0536	49 54 26.0	17.528	.279	.3	3	49 83 64
2881	7.7	56 36.86	+3.8208	+0.0516	-48 57 36.1	-17.504	+0.279	.3	3	48 86 69
2882	7.8	56 42.14	3.8280	.0521	49 12 41.2	17.501	.280	.3	3	48 86 72
2883	9.0	57 5.28	3.8762	.0558	50 52 30.2	17.484	.284	.3	3	50 81 88
2884	8.8	57 6.77	3.8058	.0502	48 16 22.8	17.483	.279	.3	3	47 88 03
2885	8.8	58 4.35	3.9230	.0592	52 14 23.1	17.442	.289	.3	3	51 79 11
2886	8.9	13 58 38.73	+3.8868	+0.0560	-50 54 17.7	-17.417	+0.288	.3	3	50 82 09
2887	7.5	59 15.09	3.9156	.0580	51 44 48.9	17.391	.291	.3	3	51 79 21
2888	8.1	14 0 29.85	3.8655	.0534	49 45 34.8	17.336	.290	.3	4	49 84 24
2889	8.0	0 38.72	3.8701	.0537	49 53 33.2	17.330	.291	.3	4	49 84 27
2890*	8.8	1 14.58	3.8792	.0542	50 5 17.0	17.303	.293	.4	3	49 84 38
2891	9.1	14 1 27.74	+3.8526	+0.0520	-49 5 27.2	-17.294	+0.291	.4	3	48 87 48
2892	9.0	1 28.22	3.8272	.0501	48 8 59.7	17.293	.289	.4	4	47 88 59
2893	9.0	1 41.28	3.9040	.0559	50 50 49.4	17.284	.296	.4	3-4	50 82 47
2894	9.0	1 51.60	3.8515	.0518	48 58 7.5	17.276	.292	.4	3	48 87 52
2895	9.2	1 53.67	3.8925	.0549	50 24 43.8	17.275	.295	.5	3	50 82 49
2896	8.3	14 2 7.68	+3.9206	+0.0569	-51 18 32.3	-17.264	+0.298	.3	3	51 79 52
2897*	8.9	2 39.75	3.8852	.0540	50 0 4.6	17.241	.296	.3	3	49 84 63
2898	7.8	2 49.44	3.8119	.0484	47 16 44.9	17.234	.291	.3	3	46 90 87
2899	8.0	3 6.12	3.8694	.0526	49 21 10.8	17.222	.296	.3	4	49 84 72
2900	8.9	3 14.47	3.8744	.0529	49 30 5.6	17.216	.296	.3	4	49 84 73

2853 s 1° \* 8.7 o!2 N. 2855 p 2° \* 8.7 o!2 S. 2860 p 10° o!3 S. 2879 s 28° \* 9.0 o!1 N. 2880 p 28 s \* 7.7 o!1 S.  
2890 doble. 2897 p 6° o!4 S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2901	8.9	14 <sup>h</sup> 3 <sup>m</sup> 27.73	+3.8311	+0.0496	—47°52' 37.0	—17.206	+0.294	.4	3	47° 8904
2902	6.8	3 28.43	3.8774	.0531	49 33 37.7	17.205	.297	.4	3	49 8475
2903	7.3	3 29.88	3.8452	.0506	48 23 40.0	17.204	.296	.4	3	48 8775
2904*	8.9	3 41.82	3.8542	.0512	48 40 55.0	17.195	.296	.4	4	48 8777
2905	9.0	4 10.59	3.8370	.0496	47 57 7.0	17.174	.296	.5	3	47 8914
2906	8.5	14 4 24.31	+3.9326	+0.0569	—51 14 16.2	—17.163	+0.303	.3	3	50 8285
2907	8.1	4 44.63	3.8435	.0500	48 4 32.1	17.148	.297	.3	3	47 8923
2908	7.2	5 18.06	3.9370	.0568	51 11 49.1	17.123	.306	.3	3	50 8294
2909	9.0	5 21.24	3.9174	.0553	50 32 36.1	17.120	.304	.3	4	50 8295
2910	8.7	5 25.80	3.8230	.0482	47 9 57.8	17.117	.297	.3	4	46 9113
2911	9.0	14 5 46.86	+3.8500	+0.0501	—48 6 16.8	—17.101	+0.300	.4	3	47 8933
2912	9.0	5 54.70	3.9545	.0579	51 38 17.3	17.095	.308	.5	2-3	51 7999
2913	9.0	6 22.51	3.9085	.0542	50 2 28.4	17.074	.306	.4	3	49 8518
2914	8.2	6 30.72	3.9397	.0565	51 2 38.5	17.067	.308	.4	3	50 8316
2915	8.4	6 31.24	3.9797	.0596	52 17 58.8	17.067	.312	.5	3	52 5994
2916	8.4	14 6 31.38	+3.8368	+0.0488	—47 27 44.2	—17.067	+0.301	.4	4	47 8945
2917	9.0	6 38.94	3.9628	.0582	51 45 9.7	17.061	.310	.3	3	51 8006
2918	8.0	6 49.50	3.8582	.0503	48 11 26.3	17.053	.303	.3	4	47 8949
2919	7.4	6 50.46	3.8662	.0508	48 28 29.7	17.052	.303	.3	3	48 8820
2920*	8.8	6 51.63	3.8801	.0518	48 57 59.0	17.051	.304	.3	3	48 8819
2921	8.0	14 6 52.21	+3.9691	+0.0586	—51 54 21.2	—17.051	+0.311	.3	4	51 8009
2922	8.1	7 4.29	3.9731	.0588	51 59 22.0	17.042	.312	.4	3	51 8010
2923	8.2	7 15.28	3.8870	.0522	49 7 44.5	17.033	.306	.5	3	48 8826
2924	9.0	7 18.75	3.9036	.0534	49 41 16.6	17.030	.307	.4	3	49 8530
2925	9.0	7 50.08	3.9808	.0591	52 4 34.7	17.006	.314	.4	3	51 8021
2926	9.0	14 7 50.23	+3.9237	+0.0547	—50 15 28.0	—17.006	+0.310	.4	4	49 8541
2927	8.8	8 4.51	3.8622	.0501	48 5 12.1	16.995	.305	.5	3	47 8963
2928	8.0	8 13.92	3.8563	.0496	47 50 21.5	16.988	.306	.3	3	47 8965
2929*	8.6	8 45.19	3.8587	.0495	47 49 27.8	16.964	.307	.3	3	47 8973
2930	9.0	9 8.86	3.9977	.0597	52 20 4.9	16.945	.318	.3	3	52 6011
2931	9.0	14 9 19.50	+3.9123	+0.0532	—49 35 9.3	—16.937	+0.312	.3	4	49 8559
2932	7.0	9 52.90	3.9544	.0561	50 51 30.9	16.911	.317	.3	4	50 8360
2933	8.1	9 56.92	3.8778	.0504	48 16 25.6	16.908	.311	.5	3	47 8987
2934	8.6	10 12.95	3.8671	.0496	47 50 28.3	16.895	.310	.4	3	47 8991
2935	8.8	12 41.15	3.9334	.0533	49 38 36.6	16.778	.321	.4	4	49 8609
2936	8.9	14 12 41.40	+3.9437	+0.0541	—49 58 48.2	—16.778	+0.322	.4	3	49 8610
2937	8.0	12 52.30	3.8823	.0496	47 52 11.8	16.769	.317	.4	4	47 9025
2938	9.0	13 31.43	4.0242	.0597	52 17 50.8	16.738	.330	.4	3	52 6046
2939	8.5	13 51.34	3.9895	.0569	51 12 13.7	16.722	.328	.5	3	50 8427
2940	7.6	14 19.98	4.0169	.0587	51 56 15.2	16.699	.331	.3	3	51 8108
2941	9.1	14 14 32.40	+3.9487	+0.0537	—49 47 48.4	—16.689	+0.326	.4	3	49 8640
2942	8.8	14 50.75	3.9798	.0558	50 43 19.5	16.674	.329	.3	3	50 8443
2943	8.7	15 5.20	3.9874	.0562	50 54 40.5	16.662	.330	.3	4	50 8446
2944*	7.2	16 18.71	4.0323	.0589	52 1 38.3	16.602	.336	.4	5	51 8129
2945	9.0	16 26.56	3.9514	.0531	49 31 53.3	16.596	.330	.4	3	49 8665
2946	8.6	14 16 38.13	+3.9382	+0.0521	—49 4 8.2	—16.586	+0.329	.4	3	48 8963
2947*	8.8	16 57.56	4.0362	.0589	52 1 27.1	16.570	.338	.4	3	51 8132
2948	8.7	17 6.07	4.0265	.0582	51 43 4.8	16.564	.338	.4	4	51 8133
2949	8.8	17 25.28	3.9994	.0561	50 51 18.7	16.548	.336	.4	3	50 8479
2950	9.0	17 26.25	3.9334	.0514	48 45 52.7	16.547	.330	.5	3	48 8973

2904 s 1° 1' N. 2920 p 20° 1' S. 2929 p 2° \* 9.6 1' 5 S. 2944 s 39° \* 8.2 0' 1 N. 2947 p 39° \* 7.3 0' 1 S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
2951	9.0	14 <sup>h</sup> 17 <sup>m</sup> 33 <sup>s</sup> .55	+3.9046	+0.0494	-47° 46' 28".6	-16.541	+0.328	.3	3	47° 9073
2952	8.3	18 1.29	3.9610	.0531	49 33 10.9	16.518	.334	.4	4	49 8685
2953*	7.0	18 23.01	3.9163	.0499	48 1 25.0	16.500	.331	.3	3	47 9082
2954	5.5	18 59.30	3.9961	.0552	50 28 35.9	16.470	.339	.3	4	50 8501
2955	5.5	19 1.20	3.8934	.0481	47 7 16.6	16.468	.330	.3	4	46 9284
2956	8.8	14 19 7.95	+3.9673	+0.0531	-49 33 21.2	-16.463	+0.337	.4	3	49 8699
2957	9.0	19 47.16	4.0578	.0592	52 8 40.4	16.430	.346	.4	4	51 8163
2958	8.9	20 9.79	3.9467	.0513	48 42 43.8	16.411	.337	.4	3	48 9017
2959	8.9	21 9.46	3.9544	.0514	48 47 8.9	16.361	.340	.4	4-5	48 9030
2960	8.4	22 3.26	3.9810	.0528	49 28 21.9	16.316	.344	.4	3	49 8729
2961	9.0	14 22 20.76	+4.0021	+0.0542	-50 4 19.4	-16.301	+0.346	.5	3	49 8736
2962	8.3	22 59.87	3.9506	.0504	48 20 36.6	16.268	.344	.3	3	48 9063
2963	8.8	23 4.00	4.0811	.0594	52 13 58.7	16.264	.355	.3	3	51 8203
2964	9.1	23 9.72	3.9177	.0482	47 13 37.7	16.259	.341	.3	3	46 9328
2965	7.3	23 9.80	4.0605	.0579	51 38 32.5	16.259	.353	.3	4	51 8206
2966	7.7	14 23 13.54	+3.9440	+0.0499	-48 5 31.3	-16.256	+0.343	.3	4	47 9142
2967	8.9	23 25.06	3.9361	.0493	47 47 52.6	16.246	.343	.4	3	47 9146
2968	6.9	24 34.86	3.9392	.0491	47 42 4.9	16.186	.346	.4	3	47 9162
2969	8.7	24 41.20	3.9615	.0506	48 24 23.1	16.181	.348	.4	3	48 9083
2970	6.5	25 1.63	4.0088	.0535	49 49 9.1	16.163	.352	.4	4	49 8777
2971	8.9	14 25 12.11	+4.0704	+0.0577	-51 34 53.7	-16.154	+0.358	.4	3	51 8227
2972	6.5	26 0.35	3.9948	.0520	49 13 45.2	16.112	.353	.5	3	48 9098
2973	8.2	26 7.97	3.9908	.0519	49 5 1.1	16.106	.353	.3	3	48 9102
2974	9.0	26 26.99	4.0292	.0543	50 11 25.0	16.089	.357	.3	3	49 8799
2975	8.3	26 42.10	3.9717	.0504	48 23 36.2	16.076	.353	.3	3	48 9108
2976	8.2	14 26 42.60	+3.9767	+0.0507	-48 32 51.4	-16.076	+0.353	.4	3	48 9109
2977*	8.3	26 57.78	3.9607	.0496	47 59 58.7	16.063	.352	.4	5	47 9188
2978	7.4	27 11.98	3.9448	.0485	47 26 35.0	16.050	.351	.4	3	47 9190
2979	8.4	27 41.93	3.9823	.0508	48 33 42.1	16.024	.355	.4	3	48 9115
2980	7.3	27 51.57	4.0671	.0563	51 3 5.1	16.015	.363	.4	3	50 8610
2981	7.6	14 28 1.84	+4.0908	+0.0578	-51 41 1.4	-16.007	+0.366	.4	4	51 8270
2982	9.0	28 5.75	3.9500	.0485	47 27 51.8	16.003	.354	.4	3	47 9205
2983	6.0	28 13.53	4.0384	.0542	50 10 12.3	15.996	.361	.5	3	49 8831
2984	8.2	28 21.04	3.9439	.0481	47 13 28.0	15.990	.354	.3	3	46 9395
2985	8.8	28 49.37	4.0583	.0553	50 38 47.1	15.965	.364	.3	3	50 8627
2986	6.5	14 29 0.59	+4.1231	+0.0596	-52 23 35.3	-15.955	+0.370	.3	3	52 6172
2987	8.7	29 1.48	4.0236	.0529	49 36 9.9	15.954	.362	.4	3	49 8836
2988	8.0	29 3.20	3.9979	.0513	48 49 18.0	15.952	.360	.3	4	48 9140
2989*	9.0	29 12.58	4.1129	.0588	52 5 26.3	15.944	.370	.4	3	51 8278
2990	7.7	31 12.14	4.1285	.0590	52 11 22.5	15.838	.376	.4	3	51 8302
2991	9.0	14 31 51.56	+4.1116	+0.0576	-51 38 25.9	-15.803	+0.375	.4	3	51 8309
2992	9.0	31 57.42	4.1104	.0574	51 35 29.1	15.797	.376	.4	4	51 8310
2993	7.3	33 14.03	4.0533	.0532	49 48 10.5	15.728	.373	.4	3	49 8895
2994	5.0	33 30.11	4.0321	.0517	49 8 36.6	15.714	.372	.5	3	48 9198
2995	7.8	33 34.74	3.9864	.0489	47 44 30.7	15.710	.366	.3	3	47 9279
2996	8.2	14 33 42.06	+4.0126	+0.0504	-48 31 41.3	-15.703	+0.370	.3	3	48 9202
2997	6.3	33 53.22	4.0505	.0528	49 37 10.3	15.693	.374	.3	3	49 8904
2998	8.5	33 53.65	3.9677	.0476	47 6 3.7	15.693	.366	.3	4	46 9458
2999	8.1	34 11.82	4.0016	.0496	48 6 55.3	15.676	.370	.3	4	47 9289
3000*	9.0	34 39.11	4.0276	.0510	48 49 52.7	15.651	.373	.4	3	48 9210

2953 doble. 2977 p 20° 0'2 N. 2989 s 10° 1' N. 3000 p 12° 1' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3001	6.7	14 <sup>h</sup> 35 <sup>m</sup> 2 <sup>s</sup> .74	+4.0277	+0.0509	—48°46' 22".8	—15.630	+0.374	.4	3	48° 9218
3002	7.8	35 31.99	4.1384	.0578	51 47 8.9	15.603	.385	.4	3	51 8360
3003	8.8	36 2.74	4.0922	.0545	50 28 1.8	15.575	.382	.4	4	50 8727
3004	9.0	36 11.72	4.0517	.0519	49 17 59.3	15.567	.379	.4	3	49 8948
3005	8.9	37 7.63	3.9856	.0476	47 10 1.3	15.515	.374	.5	3	46 9493
3006	8.9	14 37 19.87	+4.0030	+0.0486	—47 40 33.8	—15.504	+0.376	.3	3	47 9337
3007	3.0	37 35.71	3.9860	.0474	47 6 36.4	15.489	.375	.3	3	46 9501
3008	8.9	37 40.49	4.1358	.0567	51 23 51.4	15.485	.390	.3	3	51 8392
3009	9.0	38 18.11	4.0514	.0511	48 58 23.5	15.450	.383	.3	4	48 9261
3010	9.1	38 18.48	4.0479	.0509	48 52 11.6	15.450	.382	.3	4	48 9262
3011*	8.5	14 38 20.28	+4.0362	+0.0502	—48 31 20.0	—15.448	+0.381	.4	3	48 9264
3012	8.5	38 22.37	4.1776	.0591	52 22 8.1	15.446	.395	.4	3	52 6260
3013	9.0	38 29.55	4.0869	.0532	49 57 15.0	15.439	.386	.4	3	49 8993
3014*	9.1	38 36.46	4.0368	.0501	48 30 1.3	15.433	.382	.4	3	48 9267
3015	8.1	38 52.39	4.1381	.0563	51 16 55.6	15.418	.392	.4	3	51 8408
3016	7.6	14 38 54.31	+3.9983	+0.0477	—47 17 38.9	—15.416	+0.379	.5	3	47 9355
3017	9.0	39 5.51	4.1028	.0540	50 18 9.4	15.406	.389	.3	3	50 8761
3018	8.8	39 30.08	4.1084	.0542	50 23 43.1	15.383	.390	.3	3	50 8771
3019	8.9	39 37.82	4.1592	.0573	51 43 3.6	15.376	.395	.3	3	51 8416
3020	8.7	39 38.05	4.1571	.0572	51 39 45.4	15.375	.395	.3	4	51 8417
3021	8.2	14 40 1.58	+4.1306	+0.0554	—50 54 57.6	—15.353	+0.394	.3	4	50 8780
3022	8.3	40 28.80	4.1085	.0538	50 15 20.2	15.328	.392	.4	3	49 9025
3023	8.3	40 47.23	4.0876	.0526	49 38 6.4	15.310	.391	.4	3	49 9033
3024	6.5	40 48.62	4.1397	.0558	51 2 25.4	15.309	.396	.4	3	50 8791
3025	9.0	41 11.81	4.1449	.0558	51 7 19.7	15.287	.397	.5	3	50 8792
3026	8.3	14 41 51.81	+4.1127	+0.0535	—50 10 8.5	—15.250	+0.395	.5	3	49 9043
3027	8.9	41 53.71	4.0493	.0497	48 22 53.3	15.248	.389	.5	3	48 9318
3028	6.0	42 7.51	4.0097	.0473	47 10 4.8	15.235	.385	.3	3	46 9562
3029	6.0	42 27.62	4.1908	.0581	52 6 34.1	15.216	.404	.3	3	51 8457
3030	6.8	42 39.26	4.1848	.0577	51 55 58.9	15.204	.404	.3	3	51 8461
3031	8.0	14 43 9.60	+4.2035	+0.0587	—52 19 34.3	—15.176	+0.406	.3	4	52 6302
3032	8.8	43 34.34	4.0854	.0511	49 10 13.8	15.152	.396	.3	4	48 9346
3033	8.3	44 13.31	4.1612	.0555	51 6 46.0	15.115	.405	.4	3	50 8828
3034	8.9	44 48.26	4.0994	.0516	49 23 3.2	15.081	.400	.4	3	49 9085
3035	8.4	45 4.58	4.0358	.0478	47 31 40.5	15.066	.395	.4	3-4	47 9452
3036	9.0	14 45 17.80	+4.0272	+0.0472	—47 14 24.4	—15.053	+0.394	.5	3	46 9605
3037	7.8	45 21.02	4.0659	.0494	48 21 57.8	15.050	.397	.5	3	48 9374
3038	7.9	45 43.31	4.2095	.0579	52 6 58.0	15.028	.412	.5	3	51 8500
3039	8.9	46 6.65	4.2068	.0576	51 59 45.6	15.006	.413	.3	3	51 8508
3040*	8.8	46 18.11	4.0894	.0504	48 53 54.0	14.995	.402	.3	3	48 9395
3041	9.2	14 46 34.11	+4.1595	+0.0545	—50 44 33.0	—14.979	+0.409	.4	4	50 8850
3042	7.5	46 39.82	4.1149	.0518	49 32 56.6	14.974	.405	.3	4	49 9108
3043	8.0	46 53.81	4.0313	.0469	47 8 16.9	14.960	.397	.3	4	46 9627
3044	8.9	46 56.70	4.0732	.0493	48 21 4.4	14.957	.401	.4	3	48 9402
3045*	9.0	47 51.36	4.0838	.0496	48 31 23.0	14.904	.404	.5	3-4	48 9419
3046*	8.7	14 47 58.53	+4.0830	+0.0495	—48 29 5.7	—14.897	+0.405	.4	3	48 9421
3047	8.0	48 3.47	4.1509	.0534	50 18 56.1	14.892	.411	.4	3-4	50 8870
3048	7.5	48 3.91	4.0657	.0484	47 58 50.0	14.892	.403	.5	3	47 9492
3049	9.0	48 5.53	4.1553	.0536	50 25 38.5	14.890	.412	.5	3	50 8871
3050	8.0	48 17.19	4.0753	.0489	48 13 35.4	14.879	.404	.3	3	47 9496

3011 s 16° \* 8.8 2' N.    3014 p 16° \* 8.2 1.5 S.    3010 z = 0.1 N.    3045 s 7° 0.5 N.    3046 p 7° \* 8.9 2' S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3051	8.5	14 <sup>h</sup> 48 <sup>m</sup> 47.77	+4.0819	+0.0491	-48°20'29.8	-14.849	+0.406	.3	3	48°9428
3052	9.0	49 32.10	4.1170	.0508	49 12 45.7	14.806	.411	.3	3	48 9437
3053	8.8	49 35.64	4.0928	.0494	48 32 21.6	14.802	.409	.3	4	48 9438
3054	8.9	49 53.70	4.0910	.0492	48 26 49.1	14.784	.409	.3	4	48 9441
3055	9.0	50 3.96	4.1938	.0551	51 8 28.8	14.774	.419	.4	3	50 8899
3056	8.3	14 50 15.07	+4.1717	+0.0533	-50 33 31.6	-14.763	+0.418	.5	3	50 8901
3057	8.5	50 25.52	4.1797	.0541	50 44 23.2	14.753	.419	.4	3	50 8904
3058	7.9	50 30.05	4.0934	.0491	48 25 57.3	14.748	.410	.5	3	48 9449
3059	9.0	51 48.18	4.1926	.0543	50 52 50.6	14.671	.423	.5	2	50 8921
3060	8.6	52 3.68	4.0536	.0464	47 5 17.1	14.656	.409	.4	3	46 9683
3061*	8.0	14 52 6.32	+4.0721	+0.0474	-47 36 59.3	-14.653	+0.411	.5	3	47 9543
3062	8.0	52 12.19	4.1728	.0530	50 19 33.7	14.647	.421	.3	3	50 8933
3063	8.8	52 13.09	4.0959	.0487	48 16 17.4	14.646	.414	.3	3	48 9477
3064	6.3	52 27.33	4.2082	.0549	51 11 6.3	14.632	.426	.3	3	50 8939
3065	8.0	52 32.74	4.1174	.0497	48 49 12.6	14.627	.417	.3	4	48 9479
3066	8.0	14 53 10.85	+4.1501	+0.0513	-49 36 38.1	-14.589	+0.421	.4	3	49 9205
3067	7.1	53 40.31	4.1146	.0492	48 35 47.6	14.559	.419	.4	3	48 9494
3068	7.8	53 54.59	4.2321	.0558	51 34 38.2	14.545	.430	.4	3	51 8614
3069*	8.0	54 6.21	4.0659	.0464	47 10 31.9	14.533	.414	.5	3	46 9703
3070*	9.0	54 6.94	4.0662	.0464	47 10 55.4	14.533	.414	.5	3	46 9704
3071	7.6	14 54 34.43	+4.0964	+0.0479	-47 58 29.9	-14.505	+0.418	.5	3	47 9574
3072	7.3	54 38.73	4.0868	.0473	47 41 52.8	14.501	.417	.3	3	47 9575
3073	7.8	54 41.90	4.1184	.0490	48 33 56.3	14.497	.421	.3	3	48 9516
3074	6.8	54 43.41	4.2256	.0551	51 18 59.9	14.496	.432	.3	3	51 8631
3075	8.7	54 55.22	4.1348	.0499	48 58 46.0	14.484	.423	.3	4	48 9518
3076	8.0	14 55 23.47	+4.1648	+0.0513	-49 42 22.6	-14.455	+0.427	.3	3	49 9231
3077	9.0	55 56.95	4.2709	.0572	52 14 4.0	14.422	.438	.4	3	51 8653
3078	8.5	56 12.68	4.1799	.0519	49 59 25.0	14.406	.430	.5	3	49 9241
3079	8.1	56 46.52	4.1560	.0503	49 18 7.1	14.371	.428	.4	3	49 9246
3080*	7.8	57 19.39	4.2537	.0556	51 39 41.9	14.338	.439	.4	4	51 8673
3081	9.0	14 57 33.13	+4.1420	+0.0493	-48 50 4.7	-14.324	+0.428	.4	3	48 9553
3082*	6.5	58 29.60	4.1041	.0469	47 41 11.7	14.266	.426	.4	3	47 9634
3083	9.0	58 39.87	4.1360	.0486	48 32 1.1	14.256	.430	.3	3	48 9562
3084	8.5	59 29.01	4.2779	.0561	51 57 33.0	14.205	.446	.3	3	51 8703
3085	8.5	59 57.61	4.1121	.0468	47 43 23.0	14.176	.430	.3	3	47 9658
3086	8.8	15 0 9.85	+4.2405	+0.0537	-50 59 50.6	-14.163	+0.443	.4	3	50 9059
3087	7.8	0 24.28	4.1590	.0492	48 55 31.7	14.148	.436	.4	3	48 9591
3088	8.7	0 43.14	4.0956	.0457	47 10 27.9	14.129	.430	.4	3	46 9774
3089	8.4	0 52.78	4.1234	.0471	47 55 3.4	14.119	.433	.5	3	47 9672
3090	7.5	1 16.08	4.2172	.0520	50 17 42.8	14.095	.443	.4	3	50 9071
3091	6.7	15 1 31.35	+4.1530	+0.0485	-48 37 53.4	-14.079	+0.437	.5	5	48 9606
3092	8.5	1 39.33	4.1685	.0492	49 1 4.1	14.071	.439	.5	3	48 9607
3093	9.0	1 52.14	4.2392	.0530	50 45 25.3	14.057	.447	.5	2	50 9080
3094	8.0	2 9.67	4.1332	.0472	48 1 28.8	14.039	.436	.3	3	47 9695
3095	6.8	2 16.19	4.2846	.0553	51 46 43.4	14.032	.452	.3	3	51 8745
3096	8.8	15 2 22.51	+4.2605	+0.0539	-51 12 20.8	-14.026	+0.450	.3	3	50 9084
3097	5.6	2 53.77	4.1674	.0487	48 50 19.2	13.993	.441	.4	3	48 9630
3098	7.0	2 57.38	4.1376	.0472	48 9 53.6	13.989	.438	.4	3	47 9706
3099	8.2	3 35.38	4.1356	.0468	47 55 2.2	13.949	.439	.4	3	47 9716
3100	8.5	3 43.08	4.2123	.0511	49 52 42.5	13.941	.447	.4	3	49 9348

3061 doble tomé sig. 3069 s 1° \* 8.6 0.5 S. 3070 p 1° \* 8.0 0.5 N. 3080 p 16° 0.1 N. 3082 roja.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3101	8.3	15 <sup>b</sup> 4 <sup>m</sup> 11.48	+4.2376	+0.0520	—50°26' 28"0	—13.912	+0.450	.4	3	50°9'12
3102	8.8	4 26.25	4.1545	.0475	48 19 1.4	13.896	.442	.5	5	48 9655
3103	9.0	4 29.17	4.1386	.0467	47 53 25.2	13.893	.441	.5	3	47 9730
3104	8.4	4 31.77	4.2463	.0523	50 36 42.3	13.890	.452	.5	3	50 9118
3105	9.0	4 43.80	4.2071	.0502	49 37 46.9	13.878	.445	.3	3	49 9364
3106	8.9	15 5 20.62	+4.2494	+0.0522	—50 35 27.3	—13.839	+0.454	.3	3	50 9126
3107	8.7	5 26.09	4.1854	.0488	48 59 57.4	13.833	.447	.3	3	48 9667
3108	8.5	5 47.02	4.1772	.0482	48 44 56.6	13.811	.447	.4	3	48 9676
3109	7.8	5 47.27	4.3025	.0549	51 46 26.3	13.811	.460	.4	3	51 8802
3110	8.0	6 1.33	4.1259	.0455	47 21 55.2	13.796	.442	.4	3	47 9749
3111	8.9	15 6 3.33	+4.2245	+0.0506	—49 54 16.2	—13.794	+0.452	.4	3	49 9379
3112	7.1	6 26.72	4.3290	.0561	52 17 24.2	13.769	.465	.4	3	52 6491
3113	8.2	6 57.48	4.2669	.0525	50 49 1.5	13.736	.459	.4	4	50 9151
3114	—	7 14.30	4.2094	.0493	49 23 34.5	13.719	.453	.5	3	49 9387
3115*	8.9	7 24.05	4.1307	.0453	47 20 3.8	13.708	.445	.5	3	47 9768
3116*	5.0	15 7 24.21	+4.1746	+0.0475	—48 29 30.7	—13.708	+0.450	.3	3	48 9704
3117*	8.0	7 25.88	4.1750	.0475	48 29 52.6	13.706	.450	.3	3	48 9705
3118*	6.0	7 28.83	4.3150	.0549	51 51 37.4	13.703	.465	.3	3	51 8827
3119	4.0	7 36.12	4.3153	.0548	51 51 11.9	13.695	.465	.4	3	51 8830
3120*	9.0	7 39.82	4.3302	.0556	52 10 39.0	13.691	.467	.4	3	51 8831
3121	8.4	15 7 50.36	+4.2796	+0.0528	—51 0 45.8	—13.680	+0.462	.4	3	50 9164
3122	6.3	8 0.02	4.1574	.0464	47 58 26.4	13.670	.449	.4	3	47 9779
3123	8.8	8 7.66	4.3149	.0546	51 47 6.4	13.662	.466	.4	2	51 8840
3124	7.8	8 17.68	4.3132	.0544	51 43 42.0	13.651	.466	.4	4	51 8844
3125	8.5	8 27.78	4.2279	.0499	49 42 32.0	13.640	.457	.5	3	49 9411
3126	8.4	15 8 31.57	+4.1813	+0.0475	—48 32 0.2	—13.636	+0.452	.5	3	48 9720
3127	8.5	9 9.10	4.3233	.0546	51 51 26.7	13.596	.469	.3	3	51 8866
3128	9.0	9 12.08	4.2611	.0513	50 35 23.2	13.593	.462	.4	4	50 9186
3129	9.0	9 51.87	4.1395	.0449	47 17 6.6	13.550	.450	.3	3	47 9801
3130	9.1	10 5.16	4.3236	.0542	51 45 38.4	13.536	.471	.4	3	51 8883
3131	8.0	15 10 27.20	+4.1888	+0.0471	—48 30 21.8	—13.512	+0.457	.4	3	48 9750
3132	8.6	10 48.31	4.3510	.0554	52 17 0.5	13.489	.475	.4	3	52 6533
3133	8.8	10 56.86	4.2095	.0480	48 58 17.4	13.480	.460	.4	3	48 9757
3134	8.2	11 21.50	4.2384	.0489	49 38 17.5	13.454	.464	.4	4	49 9461
3135*	5.8	11 21.63	4.1667	.0457	47 49 59.8	13.453	.456	.4	3	47 9824
3136	8.6	15 11 27.85	+4.2040	+0.0475	—48 46 34.9	—13.447	+0.460	.5	3	48 9766
3137*	7.5	11 45.26	4.1673	.0458	47 48 16.6	13.428	.457	.5	3	47 9830
3138	8.8	11 50.74	4.3278	.0537	51 39 33.0	13.422	.474	.3	3	51 8914
3139	8.9	12 3.30	4.1553	.0450	47 27 27.0	13.408	.456	.3	3	47 9835
3140	8.0	12 9.62	4.2917	.0517	50 48 30.0	13.402	.471	.3	3	50 9230
3141	6.5	15 12 20.50	+4.1629	+0.0453	—47 37 30.6	—13.390	+0.457	.4	3	47 9839
3142	8.8	12 23.00	4.3592	.0552	52 17 17.7	13.387	.479	.4	3	52 6543
3143	7.5	13 0.18	4.2261	.0481	49 9 16.2	13.347	.465	.4	3	48 9791
3144	8.8	13 9.09	4.3520	.0545	52 2 54.0	13.337	.479	.4	3	51 8936
3145	8.7	13 13.42	4.1950	.0465	48 21 16.7	13.332	.462	.4	3	48 9793
3146*	7.1	15 13 37.69	+4.1698	+0.0451	—47 39 45.1	—13.306	+0.460	.4	4	47 9853
3147	8.2	13 43.81	4.2947	.0513	50 42 17.5	13.299	.474	.5	3	50 9256
3148	9.0	13 45.32	4.1937	.0462	48 15 44.3	13.297	.463	.5	3	48 9804
3149	8.5	13 47.95	4.3477	.0540	51 53 9.8	13.295	.480	.3	3	51 8950
3150*	9.0	13 58.26	4.1714	.0451	47 39 53.6	13.283	.461	.3	2	47 9858

3115 doble tomé sig. 3116 s 1° \* 8.0 0'6 S. 3117 p 1° \* 5.9 0'6 N. 3118 s 6° 0'4 N. 3120 doble tomé S.  
3135 s 23° \* 7.3 1' N. 3137 p 23° \* 6.5 1' S. 3146 } s 20° \* 8.6 0'4 S. 3150 } p 22° \* 7.2 0'4 N.  
3146 } s 24° \* 5.0 1'4 N. 3150 } s 2° \* 5.0 2' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3151*	5.0	15 <sup>h</sup> 14 <sup>m</sup> 0 <sup>s</sup> .08	+4.1705	+0.0450	-47° 38' 14".6	-13.281	+0.461	.3	4	47° 9860
3152	9.0	14 0.55	4.2828	.0506	50 23 59.2	13.281	.473	.3	3	50 9259
3153*	7.5	14 1.82	4.1707	.0451	47 38 29.1	13.279	.461	.4	3	47 9861
3154*	8.4	14 5.08	4.3344	.0532	51 33 49.1	13.276	.479	.4	3	51 8955
3155	9.1	14 46.75	4.3000	.0511	50 42 50.2	13.230	.476	.4	3	50 9270
3156	8.2	15 14 49.20	+4.3362	+0.0530	-51 31 22.9	-13.228	+0.480	.4	3	51 8970
3157	8.3	14 54.12	4.2441	.0483	49 23 9.4	13.222	.471	.5	3	49 9521
3158	8.3	15 12.78	4.3259	.0523	51 15 5.4	13.202	.480	.5	3	51 8974
3159	9.0	15 21.44	4.1574	.0440	47 8 52.5	13.192	.462	.5	3	46 9956
3160	8.7	15 55.29	4.1645	.0441	47 16 18.2	13.155	.464	.3	3	47 9896
3161	9.0	15 15 58.46	+4.2766	+0.0495	-50 2 39.1	-13.152	+0.476	.3	3	49 9535
3162*	8.6	16 16.25	4.1869	.0451	47 48 53.9	13.132	.467	.3	3	47 9900
3163	7.4	16 31.68	4.1768	.0445	47 31 33.1	13.115	.466	.4	3	47 9904
3164	8.5	16 58.41	4.2706	.0488	49 47 46.2	13.086	.477	.4	3	49 9548
3165	5.5	17 24.42	4.2021	.0454	48 4 46.4	13.057	.470	.4	4	47 9919
3166	5.1	15 17 35.95	+4.1877	+0.0446	-47 41 33.2	-13.044	+0.469	.4	3	47 9922
3167	8.8	17 39.85	4.2643	.0483	49 34 21.8	13.040	.477	.5	3	49 9564
3168	8.4	17 41.08	4.3853	.0543	52 17 21.6	13.038	.492	.4	3	52 6594
3169*	8.9	18 5.49	4.1894	.0446	47 41 3.6	13.011	.470	.5	3	47 9926
3170	8.9	18 17.66	4.3782	.0537	52 4 11.7	12.998	.491	.5	3	51 9030
3171	8.9	15 18 21.49	+4.3254	+0.0510	-50 54 34.6	-12.993	+0.486	.3	3	50 9330
3172	6.9	18 25.42	4.3526	.0523	51 30 14.7	12.989	.489	.3	3	51 9032
3173	9.0	18 58.36	4.2692	.0480	49 33 4.8	12.952	.480	.3	3	49 9580
3174	8.4	19 16.86	4.3759	.0532	51 55 5.3	12.932	.493	.4	3	51 9046
3175	8.3	19 17.41	4.3179	.0503	50 38 36.4	12.931	.486	.4	3	50 9351
3176*	8.0	15 19 48.56	+4.1946	+0.0442	-47 38 10.4	-12.897	+0.474	.4	4	47 9950
3177	9.0	19 58.29	4.3719	.0527	51 45 40.3	12.886	.494	.4	3	51 9057
3178	7.9	20 0.30	4.2240	.0455	48 21 6.8	12.883	.477	.4	3	48 9912
3179	8.0	20 26.06	4.3350	.0507	50 54 34.4	12.855	.490	.5	3	50 9371
3180	9.0	20 36.45	4.3431	.0510	51 4 18.7	12.843	.491	.5	3	50 9374
3181	8.4	15 20 47.57	+4.2472	+0.0463	-48 50 16.1	-12.831	+0.481	.5	3	48 9927
3182	8.5	20 51.98	4.2798	.0478	49 36 19.6	12.826	.485	.4	4	49 9604
3183	7.0	20 52.37	4.3462	.0510	51 6 44.6	12.825	.492	.5	3	50 9383
3184	9.0	21 23.81	4.3242	.0498	50 34 11.0	12.790	.491	.3	3	50 9395
3185	8.8	21 33.23	4.2044	.0441	47 42 8.1	12.779	.477	.4	3	47 9976
3186	8.0	15 21 40.54	+4.2334	+0.0454	-48 24 37.6	-12.771	+0.478	.4	4	48 9940
3187	8.9	22 10.58	4.1869	.0431	47 11 38.2	12.737	.477	.4	3	46 10064
3188	8.8	22 12.84	4.3799	.0522	51 42 27.0	12.735	.498	.4	3	51 9099
3189	8.0	22 28.19	4.2293	.0450	48 13 43.3	12.718	.482	.4	3	48 9954
3190	7.8	22 35.18	4.2712	.0468	49 13 38.3	12.710	.487	.5-.4	3-4	49 9628
3191	7.5	15 22 45.94	+4.2860	+0.0474	-49 33 27.1	-12.698	+0.489	.5	3	49 9631
3192	8.5	23 23.99	4.3033	.0478	49 53 34.4	12.655	.492	.5	3	49 9641
3193	8.8	23 33.69	4.4072	.0529	52 8 55.1	12.644	.504	.3	3	51 9129
3194	5.5	23 41.90	4.3712	.0511	51 22 21.1	12.634	.500	.3	3	51 9132
3195	8.5	23 54.30	4.2569	.0457	48 45 10.9	12.620	.487	.3	3	48 9976
3196	9.0	15 24 32.51	+4.3582	+0.0502	-51 0 25.0	-12.577	+0.500	.4	3	50 9463
3197	8.0	24 33.47	4.2148	.0435	47 39 14.5	12.576	.484	.4	3	47 10017
3198	8.2	24 39.82	4.3016	.0475	49 43 38.6	12.569	.494	.4	3	49 9653
3199	8.8	24 45.11	4.3962	.0522	51 48 3.1	12.563	.505	.4	3	51 9149
3200	7.9	24 46.09	4.3366	.0491	50 30 37.6	12.562	.498	.5	3	50 9468

3151 } p 24° \* 7.2 2' S. 3153 } p 2° \* 5.0 0.4 N. 3154 s 23° \* 9.2 0.5 N. 3162 s 2° 0.3 S. 3169 } p 30° \* 5.0 0.6 S.  
 } p 21° \* 8.6 2' S. } p 2° S. } s 15° \* 9.8 0.8 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3201	7.5	15 <sup>h</sup> 24 <sup>m</sup> 46 <sup>s</sup> .25	+4.3665	+0.0505	-51° 9' 55".8	-12.561	+0.501	.4	3	50° 9467
3202*	8.8	24 47.58	4.3609	.0502	51 2 28.0	12.560	.501	.4	3	50 9469
3203	8.4	24 48.82	4.3692	.0506	51 13 8.5	12.559	.502	.5	3	51 9150
3204	6.8	25 10.46	4.4115	.0525	52 4 45.2	12.534	.507	.3	3	51 9157
3205	8.9	25 16.60	4.2779	.0462	49 6 59.8	12.527	.492	.3	3	48 10001
3206*	8.9	15 25 19.94	+4.3560	+0.0498	-50 53 8.4	-12.523	+0.501	.3	3	50 9489
3207	8.8	25 27.77	4.2896	.0466	49 22 17.2	12.514	.494	.4	3	49 9663
3208	7.0	26 23.39	4.2238	.0436	47 41 52.5	12.451	.488	.3	3	47 10047
3209	8.9	26 24.67	4.2898	.0466	49 16 59.4	12.449	.495	.4	3	49 9681
3210	8.5	26 26.51	4.3144	.0477	49 50 42.9	12.447	.498	.5	3	49 9682
3211*	8.1	15 26 37.59	+4.4040	+0.0515	-51 46 55.6	-12.434	+0.509	.4	3	51 9185
3212	8.2	26 55.35	4.4040	.0514	51 45 16.8	12.414	.509	.5	3	51 9188
3213	8.5	26 59.54	4.4179	.0520	52 2 11.2	12.409	.511	.5	3	51 9190
3214	7.9	27 12.00	4.3570	.0491	50 43 19.0	12.395	.504	.5	2	50 9522
3215	8.8	27 13.65	4.3222	.0475	49 56 46.7	12.393	.500	.3	3	49 9697
3216	9.0	15 27 18.25	+4.2434	+0.0443	-48 5 26.3	-12.388	+0.492	.3	3	47 10064
3217	7.6	27 32.30	4.3552	.0489	50 39 0.9	12.372	.505	.3	3	50 9527
3218	8.2	27 39.56	4.3460	.0488	50 26 13.8	12.363	.504	.4	3	50 9531
3219	8.9	27 42.13	4.2109	.0424	47 14 59.6	12.361	.488	.4	3	47 10070
3220	8.4	28 37.56	4.3469	.0481	50 21 50.0	12.297	.506	.4	3	50 9549
3221	7.7	15 28 49.96	+4.2784	+0.0452	-48 46 53.6	-12.283	+0.498	.5	4	48 10057
3222	7.1	28 58.34	4.2186	.0423	47 19 4.2	12.273	.491	.5-.4	2-3	47 10092
3223	8.2	29 1.39	4.4377	.0525	52 15 1.9	12.269	.517	.5	3	52 6771
3224	8.3	29 9.71	4.3271	.0470	49 52 16.2	12.260	.504	.5	3	49 9748
3225*	8.6	29 21.70	4.2805	.0448	48 46 40.7	12.246	.499	.5	3	48 10068
3226	8.0	15 29 34.87	+4.3637	+0.0485	-50 38 28.5	-12.231	+0.509	.3	3	50 9569
3227	9.0	29 38.63	4.2437	.0431	47 52 22.3	12.226	.495	.4	3	47 10103
3228	7.0	30 37.74	4.3148	.0459	49 27 10.8	12.158	.505	.3	3	49 9774
3229	9.0	30 46.46	4.4035	.0498	51 22 46.9	12.148	.516	.5	4	51 9263
3230	8.8	31 6.41	4.4191	.0504	51 40 29.5	12.125	.518	.3	3	51 9269
3231	6.8	15 31 21.19	+4.2219	+0.0417	-47 10 20.5	-12.108	+0.495	.4	3	46 10189
3232	8.0	31 33.73	4.2774	.0439	48 29 52.6	12.093	.502	.4	3	48 10099
3233*	8.5	32 3.50	4.3429	.0466	49 57 4.7	12.058	.511	.5	3-4	49 9800
3234	8.8	32 11.53	4.2326	.0418	47 21 30.8	12.049	.498	.5	3	47 10140
3235	9.0	32 43.11	4.4132	.0495	51 24 16.4	12.012	.520	.5	3	51 9301
3236	9.0	15 32 43.39	+4.3135	+0.0451	-49 13 41.7	-12.012	+0.508	.5	3	49 9815
3237	8.6	32 48.31	4.2286	.0414	47 12 10.9	12.006	.499	.3	3	47 10147
3238	5.0	33 58.88	4.4557	.0509	52 9 35.4	11.924	.527	.4	4	51 9324
3239	9.0	34 8.62	4.3598	.0466	50 8 1.8	11.912	.516	.3	3	49 9834
3240	8.5	34 16.97	4.4021	.0484	51 1 47.5	11.902	.522	.4	3	50 9665
3241	7.9	15 34 26.93	+4.2847	+0.0432	-48 24 7.1	-11.891	+0.508	.4	3	48 10157
3242	7.6	34 40.43	4.3960	.0480	50 51 59.3	11.875	.521	.4	3	50 9676
3243	8.9	35 7.16	4.3068	.0436	48 51 21.1	11.843	.511	.4	3	48 10168
3244	8.8	35 24.90	4.3709	.0466	50 15 36.1	11.823	.520	.4	3	50 9692
3245	8.5	35 55.14	4.4695	.0508	52 15 49.2	11.787	.532	.5	3	52 6908
3246	6.9	15 36 20.85	+4.2551	+0.0414	-47 31 33.5	-11.757	+0.507	.5	3	47 10210
3247	7.6	36 58.73	4.4247	.0483	51 15 45.7	11.712	.529	.5	3	51 9373
3248	8.8	37 23.49	4.2822	.0421	48 4 40.6	11.682	.512	.3	3	47 10225
3249	9.0	37 35.43	4.3582	.0452	49 47 25.2	11.668	.522	.4	4	49 9901
3250	8.8	37 38.94	4.3486	.0448	49 34 22.4	11.664	.520	.3	3	49 9903

3202 } p 7<sup>s</sup> \* 9.3 0'3 N.    3206 s 19<sup>s</sup> =  $\delta$ .    3211 s 18<sup>s</sup> 2' N.    3225 p 32<sup>s</sup> 0'2 S.    3233 =  $\alpha$  0'2 S.

      } s 9<sup>s</sup> \* 9.2 1' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3251	7.3	15 <sup>h</sup> 37 <sup>m</sup> 43 <sup>s</sup> .64	+4.3238	+0.0438	-49° 0' 35".2	-11.659	+0.518	.4	3	48° 10218
3252	8.0	37 53.18	4.3015	.0428	48 29 3.4	11.647	.515	.4	3	48 10219
3253	6.6	37 54.38	4.3366	.0442	49 16 54.7	11.646	.519	.4	3	49 9909
3254	8.8	37 55.33	4.4590	.0495	51 52 39.5	11.645	.534	.4	3	51 9396
3255	8.4	38 5.69	4.4151	.0475	50 57 53.5	11.633	.529	.4	3	50 9744
3256	8.0	15 38 11.62	+4.4227	+0.0478	-51 6 53.3	-11.625	+0.530	.5	3	50 9746
3257	8.0	38 27.86	4.4139	.0473	50 54 25.3	11.606	.530	.5	3	50 9755
3258*	8.6	38 31.59	4.3110	.0427	48 38 51.4	11.602	.517	.5	3	48 10232
3259*	8.8	38 34.93	4.3122	.0430	48 40 8.0	11.598	.518	.3	3	48 10233
3260	6.0	38 48.21	4.4402	.0483	51 25 23.6	11.582	.533	.4	4	51 9417
3261	8.9	15 38 54.42	+4.3918	+0.0462	-50 24 5.3	-11.575	+0.528	.3	3	50 9763
3262	7.8	39 12.84	4.4556	.0488	51 41 56.4	11.553	.536	.4	3	51 9421
3263	8.6	39 24.86	4.4471	.0483	51 30 33.8	11.538	.535	.4	3	51 9429
3264	6.4	39 24.97	4.3756	.0453	50 0 35.7	11.538	.526	.4	3	49 9937
3265	8.1	39 57.96	4.4185	.0469	50 52 15.8	11.499	.533	.4	3	50 9779
3266	9.0	15 40 0.34	+4.2795	+0.0411	-47 47 0.6	-11.496	+0.516	.4	3	47 10268
3267	8.5	40 1.44	4.4159	.0468	50 48 50.3	11.495	.532	.5	3	50 9781
3268	7.0	40 12.50	4.4055	.0463	50 34 51.3	11.481	.531	.5	3	50 9787
3269	8.6	40 14.55	4.4864	.0498	52 13 27.1	11.479	.541	.5	3	52 6957
3270	9.0	40 23.29	4.3519	.0439	49 24 22.0	11.469	.525	.3	3	49 9958
3271	9.0	15 40 25.72	+4.2884	+0.0414	-47 57 22.5	-11.466	+0.518	.4	4	47 10278
3272	9.0	40 35.08	4.3617	.0443	49 36 20.1	11.455	.527	.3	3	49 9961
3273	9.0	41 4.53	4.3973	.0456	50 19 56.5	11.419	.532	.4	3	50 9802
3274	8.7	41 6.01	4.3103	.0420	48 24 24.6	11.417	.521	.4	3	48 10282
3275	8.8	41 10.45	4.2950	.0414	48 2 44.1	11.412	.520	.4	3	47 10286
3276	9.0	15 41 26.99	+4.4165	+0.0462	-50 42 20.5	-11.392	+0.534	.4	3	50 9808
3277	9.3	41 54.27	4.2916	.0410	47 54 13.0	11.360	.520	.4	1	47 10300
3278	7.6	41 55.12	4.4794	.0487	51 56 39.2	11.359	.543	.5	3	51 9474
3279	7.0	41 58.70	4.3192	.0421	48 32 4.4	11.354	.524	.3	3	48 10296
3280	7.9	41 58.87	4.3863	.0448	50 1 17.7	11.354	.532	.5	3	49 9981
3281*	8.4	15 42 0.66	+4.4875	+0.0490	-52 5 46.9	-11.352	+0.544	.5	3	51 9475
3282*	8.9	42 1.79	4.4897	.0491	52 8 15.4	11.350	.544	.4	4	51 9476
3283*	8.6	42 4.53	4.4880	.0491	52 6 7.4	11.347	.544	.3	3	51 9477
3284*	8.3	42 7.46	4.4910	.0492	52 9 24.0	11.344	.544	.4	3	51 9478
3285	8.7	42 13.71	4.2733	.0402	47 26 46.0	11.336	.518	.3	3	47 10306
3286	8.7	15 42 41.89	+4.4638	+0.0477	-51 33 56.7	-11.299	+0.542	.4	3	51 9490
3287	8.9	43 0.32	4.3448	.0427	49 1 29.5	11.280	.528	.4	3	48 10313
3288	8.6	43 5.52	4.2668	.0397	47 13 3.2	11.274	.519	.4	3	47 10315
3289*	6.5	43 18.88	4.4089	.0452	50 23 22.7	11.258	.537	.5	3	50 9853
3290*	7.0	43 26.91	4.3699	.0435	49 32 33.9	11.248	.532	.5	3	49 10007
3291	8.0	15 43 33.63	+4.3475	+0.0427	-49 2 18.8	-11.240	+0.529	.5	3	48 10324
3292*	8.0	43 34.76	4.4095	.0452	50 22 46.2	11.238	.537	.4	4	50 9860
3293*	7.4	43 35.86	4.3714	.0436	49 33 45.8	11.237	.533	.3	3	49 10008
3294*	6.7	43 56.56	4.5029	.0489	52 14 19.3	11.212	.549	.3	3	52 6995
3295*	8.8	43 59.77	4.4828	.0480	51 50 29.0	11.208	.547	.4	3	51 9510
3296*	8.5	15 44 12.65	+4.4836	+0.0480	-51 50 17.7	-11.193	+0.547	.4	3	51 9517
3297	8.4	44 17.59	4.4797	.0478	51 45 19.7	11.187	.547	.4	3	51 9519
3298	8.0	44 19.88	4.3292	.0417	48 33 53.0	11.184	.528	.4	3	48 10336
3299	6.8	44 20.45	4.4932	.0483	52 1 0.5	11.183	.548	.4	3	51 9521
3300	8.8	44 20.78	4.3200	.0413	48 21 4.9	11.183	.527	.5	3	48 10337

3258 s 3\* 8.7 1' S. 3259 p 3\* 8.5 1' N. 3281 s 4\* 8.6 1' 16 S. 3282 (s 3\* 8.6 1' N. 3283 (p 3\* 8.6 1' S.  
 3284 p 6\* 8.6 1' 15 N. 3289 s 16\* 8.5 0' 16 N. 3290 s 9\* 7.4 2' S. 3292 (s 6\* 8.9 0' 15 S. 3293 (p 4\* 8.5 1' 16 N.  
 3294 roja. 3295 s 13\* 8.5 0' 11 N. 3296 p 13\* 8.9 0' 11 S. 3299 p 16\* 6.5 0' 16 S. 3293 p 9\* 7.0 2' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	No Obs.	Corp.
3301	9.0	15 <sup>b</sup> 44 <sup>m</sup> 27.45	+4.3626	+0.0429	-49° 17' 58.3	-11.175	+0.533	.5	3	49° 10025
3302	8.5	44 55.79	4.4972	.0483	52 2 47.6	11.140	.550	.5	3	51 9529
3303	5.0	45 14.69	4.3392	.0418	48 42 52.0	11.118	.531	.3	3	48 10349
3304	8.9	45 30.68	4.4255	.0451	50 33 23.1	11.098	.542	.4	4	50 9886
3305	7.3	45 34.24	4.3461	.0419	48 50 30.6	11.094	.532	.3	3	48 10355
3306	8.4	15 45 36.41	+4.5137	+0.0487	-52 18 39.6	-11.091	+0.553	.4	3	52 7024
3307	8.9	45 40.08	4.3681	.0427	49 19 6.0	11.087	.535	.4	3	49 10043
3308	8.2	46 14.19	4.2798	.0391	47 15 49.2	11.045	.525	.4	3	47 10372
3309	9.0	46 42.27	4.3159	.0404	48 3 56.2	11.011	.530	.4	3	47 10376
3310	8.0	46 51.48	4.3316	.0408	48 24 37.9	11.000	.532	.4	3	48 10377
3311	8.4	15 47 1.57	+4.2793	+0.0389	-47 11 8.7	-10.988	+0.526	.5	3	47 10383
3312	7.6	47 2.10	4.4742	.0465	51 25 26.8	10.987	.550	.5	3	51 9570
3313	8.0	47 16.15	4.4513	.0454	50 56 40.4	10.970	.548	.5	3	50 9927
3314	8.5	47 37.18	4.3156	.0400	47 59 0.2	10.945	.532	.3	3	47 10389
3315	8.8	47 51.97	4.5136	.0478	52 7 50.6	10.926	.556	.4	4	51 9583
3316	7.7	15 48 0.32	+4.3457	+0.0410	-48 38 3.2	-10.916	+0.536	.3	3	48 10392
3317	6.5	48 2.39	4.4289	.0443	50 25 18.2	10.913	.546	.4	3	50 9939
3318	8.7	48 6.21	4.4094	.0434	50 0 32.7	10.909	.544	.4	3	49 10086
3319	9.0	48 8.89	4.3822	.0424	49 25 26.8	10.905	.540	.4	3	49 10089
3320	9.0	48 52.67	4.2901	.0387	47 17 30.7	10.852	.530	.4	3	47 10406
3321	7.7	15 49 3.98	+4.4946	+0.0464	-51 40 3.7	-10.838	+0.556	.4	3	51 9599
3322	8.9	49 10.36	4.3403	.0404	48 25 10.4	10.830	.537	.5	3	48 10403
3323	7.7	49 20.04	4.4279	.0436	50 17 53.4	10.818	.548	.5	3	50 9960
3324	7.0	49 40.16	4.4657	.0451	51 2 44.7	10.794	.553	.5	3	50 9966
3325*	7.6	50 2.27	4.4232	.0433	50 8 47.0	10.766	.548	.3	3	49 10122
3326*	9.0	15 50 2.39	+4.4230	+0.0433	-50 8 34.3	-10.766	+0.548	.4	4	49 10123
3327	7.8	50 11.24	4.3798	.0415	49 12 40.1	10.755	.543	.3	3	49 10126
3328	7.4	50 37.26	4.4083	.0425	49 47 12.0	10.723	.547	.4	3	49 10134
3329	8.5	50 45.71	4.4966	.0463	51 34 31.0	10.713	.559	.4	3	51 9620
3330	8.2	50 52.98	4.4649	.0446	50 56 8.5	10.704	.555	.4	3	50 9986
3331	9.1	15 51 21.48	+4.3839	+0.0413	-49 12 25.1	-10.669	+0.546	.5	4	49 10150
3332*	8.4	51 45.27	4.3968	.0416	49 27 17.9	10.639	.548	.4	3	49 10154
3333	8.9	51 51.54	4.5407	.0472	52 20 23.2	10.632	.566	.5	3	52 7123
3334	8.8	52 8.56	4.5353	.0470	52 12 55.8	10.611	.565	.5	3	52 7125
3335	8.2	52 12.89	4.4203	.0424	49 55 1.7	10.605	.551	.5	3	49 10166
3336	8.3	15 52 14.15	+4.4898	+0.0451	-51 19 39.9	-10.604	+0.560	.3	3	51 9638
3337	5.5	52 21.97	4.3316	.0390	47 58 20.2	10.594	.541	.3	3-2	47 10456
3338	9.0	52 26.86	4.4874	.0449	51 15 48.8	10.588	.560	.3	3	51 9643
3339	7.8	52 39.67	4.4298	.0426	50 4 52.8	10.572	.553	.4	3	49 10173
3340	8.3	53 17.30	4.4519	.0432	50 29 16.6	10.526	.557	.4	3	50 10017
3341*	7.8	15 53 41.82	+4.5086	+0.0452	-51 35 6.1	-10.495	+0.564	.4	3	51 9657
3342	9.0	54 6.46	4.3806	.0403	48 55 33.8	10.464	.549	.5	4-5	48 10472
3343	8.8	54 31.76	4.3939	.0406	49 10 50.5	10.433	.551	.4	3	49 10211
3344*	8.9	54 41.63	4.4059	.0410	49 25 26.5	10.421	.553	.5	3	49 10215
3345	9.0	55 13.07	4.5445	.0459	52 9 38.6	10.382	.571	.5	3	51 9684
3346	8.3	15 55 33.40	+4.4825	+0.0435	-50 56 5.7	-10.356	+0.564	.5	3	50 10057
3347	8.3	56 1.22	4.3321	.0378	47 42 20.9	10.321	.546	.3	3	48 10489
3348	8.9	56 5.51	4.3631	.0389	48 23 37.0	10.316	.550	.3	3	48 10490
3349	8.9	56 48.89	4.4790	.0429	50 46 18.1	10.262	.565	.4	4	50 10069
3350	8.1	57 7.66	4.4274	.0409	49 41 48.8	10.238	.559	.4	3	49 10258

3325 s 1° \* 9.0 0.3 N.    3326 p 1° \* 7.8 0.3 S.    3332 s 4° 0.8 N.    3341 s 1° 0.7 N.    3344 s 10° = 2.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3351	6.7	15 <sup>h</sup> 57 <sup>m</sup> 11 <sup>s</sup> .76	+4.4888	+0.0431	-50°56'21".0	-10.233	+0.567	.4	3	50°10074
3352	7.7	57 52.26	4.4484	.0413	50 4 33.6	10.182	.563	.4	3	49 10268
3353	8.9	58 10.43	4.4375	.0408	49 49 51.7	10.160	.562	.5	3	49 10273
3354	4.5	58 25.56	4.4013	.0394	49 3 0.0	10.140	.558	.4	3	48 10512
3355*	9.0	58 51.98	4.4856	.0423	50 45 17.1	10.107	.569	.5	3	50 10092
3356	8.6	15 58 57.22	+4.3563	+0.0376	-48 1 55.6	-10.101	+0.553	.5	3	47 10514
3357	7.9	59 0.49	4.4813	.0421	50 39 39.1	10.097	.569	.5	3	50 10095
3358*	7.8	59 1.60	4.4866	.0423	50 45 50.5	10.095	.569	.3	3	50 10097
3359	9.0	59 14.55	4.5181	.0434	51 21 56.1	10.079	.573	.3	3	51 9739
3360	8.5	59 20.22	4.3249	.0365	47 17 50.6	10.072	.549	.4	4	47 10516
3361	8.3	16 0 6.23	+4.4445	+0.0404	-49 50 12.3	-10.014	+0.565	.6	3	49 10299
3362	8.6	0 19.58	4.3889	.0383	48 38 55.2	9.998	.559	.5	3-4	48 10531
3363	9.0	0 24.83	4.4867	.0418	50 40 3.4	9.991	.571	.4	3	50 10117
3364	8.5	0 25.22	4.3556	.0372	47 54 41.7	9.991	.555	.4	3	47 10524
3365	8.9	0 32.57	4.4945	.0420	50 48 44.2	9.981	.572	.5	4	50 10118
3366	8.8	16 0 42.07	+4.4362	+0.0400	-49 37 20.2	-9.969	+0.565	.5	3	49 10305
3367	9.0	0 42.40	4.5082	.0424	51 4 15.8	9.968	.574	.5	3	50 10119
3368	8.4	1 28.26	4.4670	.0407	50 11 54.6	9.911	.570	.5	3	50 10131
3369	9.1	1 53.01	4.4461	.0398	49 44 35.9	9.879	.568	.6	3	49 10319
3370	9.0	2 5.22	4.3928	.0379	48 36 29.1	9.864	.562	.5	3	48 10548
3371	7.9	16 2 39 37	+4.3781	+0.0372	-48 14 53.1	-9.820	+0.560	.6	3	48 10554
3372	8.6	3 1.38	4.3585	.0365	47 47 33.9	9.792	.558	.6	3	47 10554
3373	9.1	3 9.02	4.5306	.0423	51 20 7.6	9.783	.580	.6	3	51 9799
3374	8.1	3 21.07	4.5380	.0425	51 27 46.3	9.767	.582	.5	4	51 9803
3375	9.0	3 34.46	4.4598	.0396	49 54 26.6	9.750	.572	.4	3	49 10333
3376	9.1	16 3 53.52	+4.3893	+0.0371	-48 24 19.9	-9.726	+0.564	.5	4	48 10564
3377	9.0	3 58.89	4.3343	.0353	47 10 56.1	9.719	.557	.4	3	47 10562
3378	9.1	4 17.04	4.3764	.0366	48 5 55.5	9.696	.563	.4	3	47 10565
3379	8.6	4 23.17	4.4936	.0405	50 31 44.8	9.688	.578	.5	3	50 10170
3380	7.5	4 40.76	4.5683	.0430	51 56 37.6	9.666	.586	.5	3	51 9814
3381	8.6	16 5 0.29	+4.4420	+0.0385	-49 26 36.7	-9.641	+0.571	.6	3	49 10352
3382	8.6	5 9.34	4.4992	.0404	50 35 21.8	9.629	.579	.5	3	50 10179
3383	8.6	5 12.69	4.3934	.0368	48 24 14.2	9.625	.566	.6	3	48 10577
3384	8.5	5 13.19	4.4245	.0378	49 3 58.2	9.624	.570	.6	3	48 10576
3385	8.3	5 33.46	4.3641	.0357	47 44 33.4	9.598	.563	.6	3	47 10573
3386	8.6	16 5 38.51	+4.5640	+0.0425	-51 47 55.6	-9.592	+0.588	.5	3	51 9825
3387	9.0	5 59.00	4.3433	.0349	47 15 1.7	9.566	.561	.4	3	47 10576
3388	8.2	6 1.88	4.4063	.0370	48 37 31.8	9.562	.569	.4-.5	2-3	48 10587
3389	8.8	6 19.20	4.4152	.0372	48 47 40.1	9.540	.570	.4	3	48 10590
3390	8.5	6 21.80	4.4924	.0397	50 22 27.1	9.537	.580	.5	3	50 10197
3391	8.5	16 7 8.48	+4.3687	+0.0354	-47 44 12.9	-9.477	+0.565	.5	3	47 10585
3392	8.4	7 28.15	4.5642	.0417	51 40 58.0	9.451	.591	.5	3	51 9859
3393	8.4	7 37.64	4.4373	.0374	49 10 17.0	9.439	.575	.6	3	49 10392
3394*	8.4	8 7.38	4.5252	.0402	50 53 59.4	9.400	.587	.6	3	50 10228
3395	8.3	8 18.52	4.4117	.0363	48 35 21.6	9.387	.572	.6	3	48 10609
3396	7.4	16 8 20.70	+4.4662	+0.0381	-49 43 5.8	-9.384	+0.579	.6	3	49 10402
3397	8.6	8 24.83	4.5194	.0398	50 46 4.7	9.378	.586	.6	3	50 10233
3398	8.9	8 33.04	4.5556	.0410	51 27 6.2	9.368	.591	.3	3	51 9888
3399	8.7	8 48.59	4.4683	.0380	49 43 48.0	9.348	.580	.4	3	49 10410
3400	7.7	9 3.86	4.5728	.0414	51 44 29.1	9.328	.594	.5	3	51 9899

3355 s 10° \* 7.8 0'6 S.    3358 p 10° \* 9.0 0'6 N.    3394 p 13° 0'7 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3401	8.8	16 <sup>h</sup> 9 <sup>m</sup> 15.41	+4.5142	+0.0393	—50°36' 44.2	— 9.313	+0.587	.4	3	50° 10252
3402	7.2	9 19.34	4.4233	.0364	48 46 4.2	9.308	.575	.5	3	48 10625
3403*	8.3	9 24.83	4.4797	.0382	49 55 16.4	9.301	.582	.5	3	49 10424
3404*	8.1	9 41.84	4.5985	.0420	52 10 22.2	9.279	.598	.5	3	52 7303
3405	9.0	9 48.34	4.3962	.0353	48 9 36.8	9.271	.572	.6	3	48 10631
3406	9.0	16 10 19.69	+4.4722	+0.0376	—49 42 39.8	— 9.230	+0.583	.5	3	49 10441
3407	9.0	10 24.33	4.4125	.0356	48 28 7.3	9.224	.575	.6	3	48 10642
3408*	8.9	10 28.44	4.5306	.0394	50 51 13.9	9.219	.590	.6	3	50 10281
3409	6.5	10 31.59	4.3549	.0338	47 12 29.0	9.215	.568	.6	3	47 10611
3410	8.8	10 39.73	4.6038	.0418	52 12 27.0	9.204	.600	.5	3	52 7314
3411	8.4	16 10 56.65	+4.4438	+0.0365	—49 5 27.4	— 9.182	+0.580	.4	3	48 10653
3412	8.0	11 5.27	4.4469	.0365	49 8 43.4	9.171	.580	.5	3	48 10656
3413	8.4	11 7.25	4.3658	.0340	47 24 42.2	9.168	.570	.4	3	47 10619
3414	8.4	11 12.27	4.5639	.0402	51 26 22.5	9.162	.596	.5	3	51 9943
3415	8.5	11 14.72	4.4361	.0361	48 54 41.1	9.159	.579	.4	3	48 10659
3416	7.5	16 11 57.60	+4.4571	+0.0365	—49 18 4.3	— 9.103	+0.582	.5	3	49 10470
3417	8.3	12 1.30	4.4768	.0371	49 41 43.5	9.098	.585	.6	3	49 10471
3418	6.5	12 8.27	4.4877	.0374	49 54 26.6	9.089	.587	.5	3	49 10474
3419	8.2	12 19.66	4.3548	.0333	47 5 28.5	9.074	.570	.6	3	46 10616
3420	8.8	13 11.99	4.4757	.0366	49 36 1.8	9.066	.587	.6	3	49 10494
3421	8.3	16 13 19.02	+4.4492	+0.0358	—49 3 12.6	— 8.997	+0.583	.6	3	48 10684
3422	8.6	13 36.32	4.5694	.0393	51 23 35.6	8.975	.599	.5	4	51 9987
3423*	8.0	13 43.88	4.5514	.0389	51 2 48.8	8.965	.597	.5	2	50 10357
3424*	8.1	13 48.61	4.4606	.0360	49 15 19.8	8.959	.585	.5	3	49 10513
3425	8.8	13 56.30	4.5138	.0376	50 18 41.8	8.949	.592	.4	3	50 10366
3426	9.0	16 14 1.35	+4.5101	+0.0374	—50 14 1.3	— 8.942	+0.592	.5	3	50 10370
3427*	7.4	14 11.80	4.4614	.0358	49 14 54.3	8.928	.586	.5	2-3	49 10525
3428*	8.2	14 13.23	4.4986	.0370	49 59 42.4	8.927	.591	.5	5	49 10524
3429	9.1	14 16.47	4.6194	.0409	52 16 2.6	8.922	.607	.6	3	52 7365
3430	7.6	14 46.39	4.5458	.0383	50 52 39.6	8.883	.598	.5	3	50 10383
3431*	5.0	16 14 58.03	+4.5010	+0.0368	—49 59 52.3	— 8.868	+0.592	.6	3	49 10536
3432	8.1	15 2.26	4.4593	.0355	49 9 16.1	8.862	.587	.6	3	49 10538
3433	8.7	15 3.25	4.4212	.0343	48 21 44.1	8.861	.582	.6	3	48 10708
3434*	8.3	15 4.65	4.3612	.0326	47 3 41.6	8.859	.574	.5	4	46 10644
3435*	7.8	15 27.70	4.3636	.0325	47 5 33.8	8.829	.575	.4	3	46 10650
3436	9.1	16 15 44.77	+4.6215	+0.0403	—52 13 2.9	— 8.806	+0.609	.5	3	52 7386
3437	8.8	15 48.05	4.5033	.0366	49 59 31.4	8.803	.594	.4	3	49 10551
3438	7.6	16 10.89	4.6284	.0404	52 18 52.6	8.773	.611	.5	3	52 7391
3439	8.6	16 33.88	4.3618	.0321	46 59 7.2	8.742	.576	.5	3	46 10662
3440	9.0	16 37.65	4.4268	.0340	48 23 7.0	8.738	.584	.6	3	48 10735
3441	6.3	16 16 37.86	+4.5901	+0.0389	—51 35 43.2	— 8.737	+0.606	.5	3	51 10054
2442	7.6	16 39.54	4.4103	.0333	48 2 2.3	8.735	.582	.5	3	47 10677
3443	8.8	17 5.24	4.4829	.0355	49 30 31.6	8.701	.591	.6	3	49 10578
3444	9.3	17 6.26	4.5165	.0365	50 10 20.5	8.700	.597	.5	2	50 10439
3445	9.0	17 6.34	4.4580	.0347	49 0 10.8	8.700	.589	.6	3	48 10745
3446	8.6	16 17 15.57	+4.4276	+0.0338	—48 21 51.6	— 8.688	+0.585	.5	4	48 10749
3447	8.8	17 33.45	4.4512	.0344	48 50 12.8	8.664	.589	.4	3	48 10753
3448	6.2	17 36.08	4.4799	.0352	49 25 8.4	8.661	.593	.5	3	49 10591
3449	8.1	17 40.65	4.5294	.0367	50 23 26.6	8.655	.599	.4	3	50 10451
3450	8.4	18 20.16	4.4366	.0337	48 29 18.6	8.603	.588	.5	3	48 10769

3403 s 2° 0'3 S. 3404 s 10° 1' N. 3408 s 4° = 5, 3423 s 20° \* 9.6 0'5 N. 3424 s 20° \* 0'4 N. 3427 p 23° \* 0'5 S. 3428 s 45° \* 4.6 1' S. 3431 p 45° \* 8.2 0'1 N. 3434 s 23° \* 8.0 2' S. 3435 p 23° \* 8.0 2' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3451	9.0	16 <sup>h</sup> 18 <sup>m</sup> 32 <sup>s</sup> .68	+4.6242	+0.0393	-52° 6' 8.77	- 8.586	+0.613	.5	3	51° 10104
3452	8.8	18 54.76	4.6278	.0392	52 8 48.6	8.557	.614	.5	3	52 7433
3453	9.0	19 36.76	4.4280	.0330	48 13 59.5	8.502	.588	.6	3	48 10795
3454	9.3	19 48.07	4.4208	.0327	48 4 16.5	8.487	.587	.6	3	47 10717
3455*	8.3	20 5.67	4.5476	.0363	50 35 57.0	8.464	.605	.6	3	50 10504
3456	8.0	16 20 8.99	+4.4399	+0.0331	-48 27 5.2	- 8.459	+0.590	.5	4	48 10805
3457	8.5	20 9.94	4.5571	.0366	50 46 28.8	8.458	.606	.6	3	50 10505
3458	8.8	20 12.61	4.6344	.0389	52 11 28.0	8.454	.616	.6	3	52 7453
3459*	8.5	20 19.72	4.5482	.0362	50 35 48.4	8.445	.605	.5	5	50 10508
3460	7.9	20 27.14	4.4673	.0338	48 59 51.2	8.435	.594	.5	3	48 10809
3461	7.7	16 20 36.90	+4.3906	+0.0316	-47 22 41.0	- 8.422	+0.584	.4	3	47 10733
3462	7.3	20 47.60	4.4820	.0341	49 16 32.7	8.408	.597	.5	3	49 10653
3463*	8.7	21 3.07	4.5715	.0367	50 59 46.5	8.388	.609	.5	4	50 10521
3464	8.0	21 47.49	4.4359	.0323	48 16 22.7	8.329	.592	.5	3	48 10829
3465	8.8	21 56.12	4.5741	.0364	50 59 40.9	8.317	.610	.6	3	50 10538
3466*	8.4	16 22 0.32	+4.5334	+0.0352	-50 13 10.7	- 8.312	+0.605	.6	3	50 10543
3467	8.8	22 1.84	4.4187	.0319	47 53 51.1	8.310	.590	.5	3	47 10752
3468*	9.0	22 18.69	4.5360	.0351	50 15 5.7	8.287	.606	.6	3	50 10549
3469	7.2	22 21.90	4.4552	.0328	48 38 28.0	8.283	.595	.6	3	48 10836
3470*	8.0	22 23.52	4.3965	.0312	47 24 9.0	8.281	.587	.5	4	47 10764
3471*	5.0	16 22 24.52	+4.3968	+0.0312	-47 24 30.0	- 8.280	+0.587	.4	3	47 10765
3472	8.3	22 51.20	4.4888	.0335	49 17 38.9	8.244	.600	.5	3	49 10683
3473	8.2	23 9.15	4.5850	.0362	51 7 46.8	8.220	.613	.4	3	50 10564
3474	8.9	23 18.12	4.5558	.0353	50 34 32.3	8.208	.609	.5	3	50 10568
3475	9.0	23 22.37	4.4560	.0325	48 36 4.2	8.203	.596	.5	3	48 10854
3476	7.0	16 24 22.57	+4.6047	+0.0366	-51 25 30.6	- 8.123	+0.616	.5	3	51 10227
3477	8.3	24 42.59	4.6525	.0376	52 15 44.4	8.096	.624	.6	3	52 7510
3478	8.6	25 11.25	4.4693	.0322	48 46 21.0	8.058	.600	.6	3	48 10878
3479	7.8	25 12.19	4.6560	.0375	52 17 56.4	8.056	.625	.5	3	52 7519
3480	7.9	25 55.80	4.5769	.0349	50 49 47.5	7.998	.615	.6	3	50 10608
3481	8.9	16 26 0.48	+4.6471	+0.0369	-52 5 54.5	- 7.992	+0.625	.6	3	51 10252
3482	8.4	26 7.04	4.6152	.0360	51 31 24.2	7.983	.621	.5	4	51 10255
3483	8.4	26 9.52	4.5256	.0334	49 50 25.3	7.980	.609	.4	3	49 10735
3484	8.9	26 18.88	4.5813	.0346	50 53 28.6	7.967	.617	.5	3	50 10612
3485	8.1	26 39.50	4.4839	.0321	48 59 22.5	7.940	.604	.4	3	48 10500
3486	8.0	16 27 17.13	+4.5426	+0.0335	-50 6 34.6	-7.889	+0.612	.5	3	49 10754
3487	8.4	27 20.41	4.5582	.0339	50 24 11.0	7.885	.614	.5	3	50 10625
3488	8.0	27 40.78	4.6597	.0366	52 14 0 0	7.858	.628	.5	3	52 7546
3489	8.0	27 54.59	4.5841	.0345	50 51 35.4	7.839	.618	.6	3	50 10634
3490	8.4	28 16.21	4.6036	.0348	51 11 57.4	7.810	.621	.5	3	51 10285
3491	8.0	16 28 18.30	+4.5115	+0.0322	-49 27 6.0	- 7.807	+0.609	.6	3	49 10765
3492	8.9	28 23.08	4.4185	.0297	47 32 44.7	7.801	.597	.6	3	47 10846
3493	8.9	28 27.96	4.6141	.0350	51 22 54.1	7.794	.623	.6	3	51 10288
3494	8.6	28 39.35	4.6006	.0346	51 7 31.9	7.779	.621	.5	4	50 10644
3495	7.9	28 52.56	4.4920	.0315	49 2 6.7	7.761	.607	.4	3	48 10941
3496	8.6	16 28 54.53	+4.6543	+0.0359	-52 4 32.9	- 7.759	+0.629	.5	3	51 10296
3497	6.7	29 2.93	4.4405	.0301	47 58 29.0	7.747	.600	.4	3	47 10855
3498*	9.0	29 11.02	4.6161	.0347	51 22 51.5	7.736	.624	.5	4	51 10302
3499	7.5	29 15.55	4.4580	.0305	48 19 31.4	7.730	.603	.5	3	48 10947
3500	8.7	29 16.88	4.4176	.0295	47 28 52.3	7.729	.598	.5	3	47 10858

3455 s 13° \* 8.2 o!1 N. 3459 p 13° \* 7.7 o!1 S. 3463 s 2° =  $\delta$ . 3466 s 16° \* 8.9 1!5 S. 3468 p 16° \* 8.7 1!5 N.  
3470 s 1° \* 5.0 o!5 S. 3471 p 1° \* 8.3 o!5 N. 3498 p 43° \* 8.9 =  $\delta$ .



No	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs.	Cord.
3501	8.9	16 <sup>h</sup> 29 <sup>m</sup> 17.68	+4.4396	+0.0300	-47°56'35.3	- 7.727	+0.600	.6	3	47°10859
3502	7.3	29 28.19	4.5239	.0321	49 38 2.6	7.713	.612	.5	2	49 10778
3503	8.5	29 42.62	4.5018	.0315	49 11 13.8	7.694	.609	.6	3	49 10784
3504	8.8	29 46.81	4.5290	.0322	49 43 3.8	7.688	.613	.6	3	49 10785
3505	7.5	29 52.00	4.5059	.0315	49 15 37.5	7.681	.610	.6	3	49 10790
3506	8.0	16 30 3.30	+4.4373	+0.0297	-47 51 17.0	- 7.666	+0.601	.5	4	47 10864
3507	8.6	30 8.90	4.6201	.0345	51 24 11.8	7.659	.626	.4	3	51 10318
3508	7.7	31 5.01	4.6063	.0337	51 6 23.4	7.583	.625	.5	3	50 10678
3509	7.9	31 16.59	4.6528	.0349	51 55 50.7	7.567	.631	.4	3	51 10328
3510	7.2	32 3.90	4.6733	.0352	52 14 58.7	7.503	.635	.5	3	52 7603
3511	8.3	16 32 55.70	+4.4309	+0.0286	-47 34 32.8	- 7.433	+0.603	.5	3	47 10896
3512	8.6	33 0.16	4.6281	.0336	51 24 24.8	7.427	.630	.5	3	51 10360
3513	8.8	33 11.27	4.6484	.0340	51 45 33.4	7.412	.633	.6	3	51 10366
3514	8.9	33 27.73	4.5067	.0303	49 5 40.0	7.390	.614	.6	3	48 11001
3515	8.0	33 28.39	4.5344	.0310	49 38 9.5	7.389	.618	.6	3	49 10839
3516	9.0	16 33 56.18	+4.5918	+0.0323	-50 41 59.9	- 7.351	+0.626	.6	3	50 10712
3517	8.4	34 9.59	4.4845	.0295	48 37 5.4	7.333	.611	.6	3	48 11017
3518	8.8	34 9.65	4.4194	.0279	47 16 18.9	7.333	.603	.5	4	47 10914
3519	7.2	34 23.45	4.6482	.0336	51 41 50.8	7.314	.634	.4	3	51 10385
3520	8.3	34 26.90	4.5016	.0298	48 56 45.9	7.310	.614	.5	3	48 11024
3521*	8.3	16 34 42.49	+4.6586	+0.0337	-51 51 56.1	- 7.288	+0.636	.5	4	51 10391
3522*	9.0	34 43.22	4.6589	.0337	51 52 16.4	7.287	.636	.5	3	51 10392
3523	7.2	34 45.89	4.5611	.0312	50 5 3.9	7.284	.622	.5	3	49 10859
3524	7.8	35 7.80	4.4398	.0281	47 39 18.9	7.254	.606	.6	3	47 10924
3525	8.2	35 8.25	4.4527	.0284	47 55 20.0	7.254	.608	.5	3	47 10923
3526	8.9	16 35 24.88	+4.4659	+0.0286	-48 10 50.1	- 7.231	+0.610	.6	3	48 11047
3527	6.0	35 42.36	4.6324	.0326	51 21 15.0	7.207	.633	.6	3	51 10403
3528	7.6	35 52.02	4.4892	.0290	48 37 47.2	7.194	.614	.6	3	48 11056
3529	8.5	35 53.62	4.4362	.0277	47 32 32.4	7.192	.607	.6	3	47 10938
3530	8.2	36 15.63	4.6292	.0323	51 16 15.3	7.162	.633	.4	3	51 10410
3531	7.1	16 36 16.16	+4.4408	+0.0277	-47 37 12.6	- 7.161	+0.608	.5	4	47 10942
3532*	8.2	36 26.86	4.4909	.0289	48 38 15.1	7.146	.615	.5	3	48 11069
3533*	6.9	36 27.74	4.4910	.0288	48 38 14.6	7.145	.615	.4	3-4	48 11070
3534	5.5	36 44.61	4.5368	.0298	49 31 35.4	7.122	.621	.5	3	49 10890
3535*	9.0	37 4.29	4.4252	.0271	47 15 20.2	7.095	.606	.5	3	47 10953
3536	8.8	16 37 32.31	+4.5474	+0.0298	-49 41 32.9	- 7.057	+0.623	.5	3	49 10898
3537	9.0	37 48.79	4.5824	.0306	50 20 32.7	7.035	.628	.6	3	50 10750
3538	8.6	38 16.82	4.5011	.0284	48 45 14.9	6.997	.618	.5	2	48 11112
3539*	8.8	38 29.06	4.5850	.0304	50 21 32.2	6.980	.629	.6	3	50 10755
3540*	9.0	38 37.92	4.6713	.0325	51 54 25.2	6.968	.641	.6	4	51 10445
3541	7.5	16 38 56.62	+4.4165	+0.0263	-46 59 0.5	- 6.942	+0.607	.6	3	46 10958
3542	8.0	39 2.95	4.4846	.0278	48 23 23.4	6.933	.616	.5	4	48 11124
3543	8.0	39 22.02	4.5496	.0292	49 39 4.3	6.907	.626	.4	3	49 10930
3544	9.0	39 46.28	4.5943	.0301	50 28 24.8	6.874	.632	.5	3	50 10772
3545	9.3	40 2.70	4.5344	.0286	49 19 40.8	6.852	.624	.5	3	49 10936
3546	7.4	16 40 3.30	+4.4446	+0.0265	-47 31 28.0	- 6.851	+0.612	.4	3	47 11017
3547	8.0	40 19.52	4.5437	.0287	49 29 44.3	6.829	.625	.6	3	49 10939
3548	8.6	40 27.32	4.6218	.0305	50 56 47.1	6.818	.637	.5	3	50 10780
3549	8.9	40 29.03	4.6805	.0319	51 59 5.0	6.815	.644	.5	3	51 10469
3550	9.4	41 10.97	4.6890	.0318	52 5 58.2	6.758	.646	.5	2	51 10482

3521 =  $\alpha$ \* 9.0 0.6 S.    3522 =  $\alpha$ \* 8.5 0.6 N.    3532 p 1\* \* 6.0 =  $\delta$ .    3533 p 1\* \* 8.0 =  $\delta$ .    3535 p 1\* \* 9.3 =  $\delta$ .  
 3539 p 40\* \* 8.7 1' N.    3540 =  $\alpha$  0.3 S.

Nº	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs	Cord.
3551*	9.0	16 <sup>h</sup> 41 <sup>m</sup> 45 <sup>s</sup> .19	+4.4215	+0.0255	-46°57'46".7	-6".711	+0".611	.6	3	46°11016
3552*	9.1	41 47.87	4.4219	.0255	46 58 7.7	6.707	.610	.6	3	46 11017
3553*	7.5	41 50.75	4.4221	.0255	46 58 21.0	6.703	.610	.6	3-4	46 11019
3554	8.4	42 8.72	4.6550	.0306	51 27 58.7	6.679	.643	.5	4	51 10498
3555*	7.8	42 36.01	4.4832	.0266	48 12 10.0	6.641	.619	.4	3	48 11169
3556	7.4	16 42 41.19	+4.4478	+0.0257	-47 28 26.7	-6.634	+0.615	.5	3	47 11052
3557*	8.8	42 43.56	4.4849	.0265	48 13 54.5	6.631	.620	.4	3	48 11172
3558*	8.7	42 44.76	4.4844	.0265	48 13 10.7	6.629	.620	.5	3	48 11174
3559	8.4	43 11.04	4.5629	.0281	49 44 10.5	6.593	.631	.5	3	49 10972
3560	7.9	43 29.80	4.4347	.0252	47 9 56.5	6.567	.614	.5	3	47 11061
3561	8.9	16 43 51.68	+4.6437	+0.0299	-51 11 36.1	-6.537	+0.643	.6	3	51 10512
3562	9.0	44 2.84	4.4854	.0262	48 11 1.1	6.522	.621	.5	3	48 11194
3563	7.8	44 9.58	4.4572	.0255	47 36 15.0	6.512	.617	.6	3	47 11068
3564	7.8	44 28.55	4.5730	.0279	49 52 19.6	6.486	.634	.6	3	49 10987
3565	9.0	44 34.47	4.4942	.0262	48 20 19.8	6.478	.623	.6	3	48 11199
3566	8.6	16 44 35.34	+4.5426	+0.0272	-49 17 16.0	-6.477	+0.630	.5	4	49 10990
3567	8.2	45 0.17	4.4307	.0246	47 0 59.7	6.443	.614	.5	3	46 11054
3568	8.0	45 2.13	4.5723	.0277	49 50 8.5	6.440	.634	.5	3	49 10992
3569	9.0	45 18.61	4.6136	.0285	50 35 24.4	6.417	.640	.4	3	50 10844
3570	8.3	45 25.93	4.6611	.0295	51 26 6.3	6.407	.647	.5	3	51 10533
3571	8.3	16 45 34.11	+4.5399	+0.0267	-49 11 41.7	-6.396	+0.630	.5	3	49 10997
3572*	8.6	45 38.00	4.5788	.0276	49 55 57.3	6.390	.635	.5	3	49 10998
3573	7.9	45 51.56	4.5355	.0267	49 5 54.0	6.372	.630	.6	3	48 11217
3574	8.9	46 45.70	4.5949	.0275	50 11 10.7	6.297	.639	.6	3	50 10855
3575	7.5	46 57.09	4.5330	.0261	49 0 17.1	6.281	.630	.6	3	48 11235
3576*	8.9	16 46 58.72	+4.6286	+0.0282	-50 47 36.2	-6.279	+0.643	.6	3	50 10859
3577	8.8	47 17.92	4.4871	.0250	48 4 58.8	6.252	.624	.6	3	47 11100
3578*	8.7	47 19.18	4.6304	.0281	50 48 42.9	6.250	.644	.5	4	50 10863
3579	8.6	47 47.43	4.5036	.0252	48 23 34.8	6.211	.627	.5	3	48 11246
3580	8.8	48 4.61	4.6771	.0288	51 36 30.4	6.187	.651	.5	3	51 10564
3581	8.1	16 48 14.27	+4.4426	+0.0238	-47 7 55.7	-6.174	+0.619	.4	3	47 11107
3582	9.0	48 30.47	4.6527	.0281	51 9 50.8	6.151	.648	.5	3	51 10570
3583	8.5	48 40.89	4.5960	.0268	50 7 47.0	6.137	.640	.5	3	50 10880
3584	8.4	48 55.18	4.6686	.0283	51 25 40.6	6.117	.651	.5	3	51 10574
3585	7.1	49 33.87	4.5698	.0260	49 36 17.4	6.063	.638	.6	3	49 11036
3586	8.3	16 49 47.40	+4.7156	+0.0289	-52 12 4.9	-6.045	+0.658	.6	2	52 7809
3587	6.5	49 59.43	4.5963	.0262	50 5 1.7	6.028	.642	.6	3	49 11040
3588	8.6	50 2.98	4.4884	.0241	47 59 53.3	6.023	.626	.6	4	47 11124
3589*	7.4	50 3.24	4.5229	.0248	48 40 59.4	6.023	.631	.6	3	48 11285
3590	8.6	50 13.97	4.4790	.0239	47 48 8.9	6.008	.625	.5	3	47 11127
3591*	8.5	16 50 22.34	+4.5244	+0.0247	-48 41 59.6	-5.996	+0.632	.5	4	48 11288
3592	8.0	50 59.86	4.6944	.0280	51 47 39.0	5.944	.656	.5	3	51 10592
3593	6.6	51 7.52	4.6253	.0265	50 34 16.6	5.933	.647	.4	3	50 10905
3594	8.9	51 20.89	4.5947	.0258	50 0 11.6	5.915	.642	.5	3	49 11057
3595	6.5	51 21.65	4.7178	.0284	52 10 47.3	5.914	.660	.5	3	52 7830
3596	7.6	16 51 23.12	+4.4723	+0.0233	-47 37 14.3	-5.911	+0.626	.6	3	47 11140
3597	9.0	51 24.27	4.6916	.0277	51 43 52.4	5.910	.656	.5	3	51 10595
3598	8.2	52 53.26	4.6591	.0265	51 6 34.2	5.786	.653	.6	2	51 10608
3599	8.6	53 6.77	4.4449	.0223	46 59 23.2	5.767	.623	.6	3	46 11133
3600	4.5	53 16.46	4.6280	.0257	50 32 25.3	5.753	.649	.6	3	50 10924

3551 { s 3<sup>s</sup>\* 9.0 0'5 S.    3552 { p 3<sup>s</sup>\* 9.0 0'5 N.    3553 { p 7<sup>s</sup>\* 9.0 0'5 S.    3555 { s 8<sup>s</sup>\* 8.2 2' S.    3557 {  
       { s 7<sup>s</sup>\* 7.7 0'5 S.        { s 4<sup>s</sup>\* 7.7 =  $\delta$ .        { p 4<sup>s</sup>\* 9.0 =  $\delta$ .        { s 9<sup>s</sup>\* 8.2 1' S.        {  
 { p 8<sup>s</sup>\* 7.2 2' N } doble.    3558 { p 9<sup>s</sup>\* 7.2 1' N.    3572 doble, tomé sig.    3576 s 21<sup>s</sup>\* 8.5 1' S.    3578 p 21<sup>s</sup>\* 9.0 1' N.  
 { s 1<sup>s</sup>\* 8.2 1' N }            { p 1<sup>s</sup>\* 8.2 1' S.            3589 s 19<sup>s</sup>\* 9.0 1' S.    3591 p 19<sup>s</sup>\* 7.7 1' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3601	8.3	16 <sup>h</sup> 54 <sup>m</sup> 2 <sup>s</sup> .05	+4.5809	+0.0245	—49°38'40".6	— 5.690	+0.643	.6	3	49° 11092
3602	7.0	54 10.07	4.5356	.0236	48 46 34.2	5.678	.637	.5	4	48 11339
3603	8.7	55 20.47	4.7262	.0272	52 10 35.3	5.580	.663	.4	3	52 7881
3604	6.5	55 32.30	4.5265	.0233	48 32 58.7	5.563	.635	.5	3	48 11360
3605	6.7	56 42.82	4.6626	.0251	51 2 6.6	5.465	.656	.4	3	50 10955
3606	8.8	16 57 10.48	+4.6962	+0.0255	—51 36 13.4	— 5.426	+0.661	.5	3	51 10649
3607*	8.6	57 25.75	4.5441	.0226	48 49 28.0	5.404	.640	.5	3	48 11379
3608	8.6	57 34.45	4.6581	.0247	50 55 30.9	5.392	.656	.5	3	50 10964
3609	7.5	57 52.21	4.6110	.0237	50 4 1.0	5.367	.650	.6	3	49 11131
3610	8.0	58 18.25	4.6251	.0238	50 18 36.3	5.331	.652	.6	3	50 10971
3611	6.8	16 58 19.04	+4.5160	+0.0218	—48 14 40.9	— 5.330	+0.637	.6	3	48 11389
3612	8.0	58 21.97	4.6701	.0245	51 6 37.8	5.325	.659	.6	3	51 10659
3613	6.6	58 51.28	4.4586	.0207	47 4 7.1	5.284	.629	.6	3	46 11191
3614*	9.0	58 55.69	4.6644	.0243	50 59 27.6	5.278	.658	.6	3	50 10977
3615*	8.8	58 57.39	4.6645	.0242	50 59 31.4	5.276	.658	.5	4	50 10978
3616	9.0	16 59 38.97	+4.6844	+0.0244	—51 19 4.1	— 5.217	+0.661	.5	3	51 10676
3617	8.1	59 46.39	4.6098	.0229	49 58 51.9	5.207	.651	.4	3	49 11155
3618*	9.0	17 0 12.73	4.4647	.0202	47 8 55.7	5.170	.631	.5	3	47 11231
3619	8.8	0 19.47	4.5247	.0213	48 20 56.4	5.160	.639	.5	3	48 11413
3620	7.9	0 28.64	4.4569	.0201	46 58 46.4	5.147	.630	.5	3	46 11203
3621	8.9	17 0 59.31	+4.5566	+0.0215	—48 56 43.4	— 5.104	+0.645	.6	3	48 11417
3622	9.0	1 12.06	4.7359	.0257	52 8 38.6	5.086	.670	.6	3	52 7940
3623	8.6	1 12.34	4.5253	.0210	48 19 50.0	5.086	.640	.6	3	48 11424
3624	8.6	1 35.87	4.4970	.0204	47 45 25.7	5.052	.636	.6	3	47 11241
3625	8.1	1 47.63	4.5056	.0205	47 55 25.9	5.036	.638	.6	3	47 11244
3626	7.9	17 2 14.53	+4.6662	+0.0230	—50 54 53.9	— 4.998	+0.661	.5	4	50 11009
3627	8.9	2 38.98	4.5358	.0207	48 29 22.9	4.963	.643	.4	3	48 11444
3628	7.2	3 11.96	4.5527	.0207	48 47 53.7	4.917	.645	.5	3	48 11450
3629	8.9	3 31.36	4.6546	.0224	50 40 16.7	4.889	.660	.4	3	50 11037
3630	9.0	3 33.01	4.5841	.0212	49 22 58.9	4.887	.650	.4	3	49 11187
3631	9.0	17 3 40.28	+4.6082	+0.0215	—49 49 37.1	— 4.877	+0.654	.5	3	49 11189
3632*	9.0	3 50.38	4.6445	.0220	50 28 49.4	4.862	.659	.5	4-5	50 11044
3633*	8.2	3 58.27	4.6447	.0220	50 28 50.3	4.851	.659	.6	3	50 11046
3634	7.5	4 21.66	4.7177	.0231	51 48 14.5	4.818	.670	.6	3	51 10716
3635*	7.5	4 38.63	4.4730	.0190	47 10 40.1	4.794	.635	.6	3	47 11276
3636	7.4	17 5 2.51	+4.4625	+0.0187	—46 56 56.6	— 4.760	+0.634	.6	3	46 11250
3637	8.8	5 6.91	4.7182	.0228	51 47 24.9	4.754	.671	.6	3	51 10720
3638	8.7	5 33.58	4.6193	.0210	49 58 21.6	4.716	.657	.6	3	49 11207
3639	8.8	5 51.20	4.6760	.0218	50 58 39.5	4.691	.665	.4	3	50 11064
3640	8.3	6 3.85	4.7276	.0225	51 51 20.9	4.673	.672	.5	3	51 10728
3641	9.0	17 6 17.22	+4.6782	+0.0216	—51 0 11.3	— 4.654	+0.665	.4	3	50 11068
3642	8.7	6 24.68	4.6243	.0208	50 2 20.9	4.644	.658	.5	3	49 11216
3643	6.6	6 41.83	4.5580	.0197	48 47 37.0	4.619	.649	.5	3	48 11492
3644	8.2	7 4.68	4.7512	.0225	52 13 10.5	4.587	.676	.5	3	52 7999
3645	9.3	7 31.14	4.5203	.0188	48 2 20.2	4.550	.644	.6	3	47 11318
3646	8.5	17 7 38.27	+4.5703	+0.0195	—49 0 4.4	— 4.539	+0.651	.6	3	48 11500
3647	9.0	7 58.38	4.5602	.0192	48 47 56.2	4.511	.650	.6	3	48 11507
3648	8.6	8 30.91	4.5381	.0188	48 21 29.3	4.465	.647	.6	3	48 11516
3649	7.8	8 35.27	4.4787	.0178	47 10 31.6	4.458	.638	.6	3	47 11338
3650	7.1	8 40.44	4.4821	.0178	47 14 32.1	4.451	.639	.5	4	47 11340

3607 doble, tomé prec. 3614 s 2<sup>s</sup> \* 8.6 =  $\delta$ . 3615 p 2<sup>s</sup> \* 8.8 =  $\delta$ . 3618 doble, tomé sig. 3632 s 7<sup>s</sup> \* 8.5 =  $\delta$ .  
3633 p 7<sup>s</sup> \* 8.5 =  $\delta$ . 3635 p 7<sup>s</sup> o!2 S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3651	7.6	17 <sup>h</sup> 8 <sup>m</sup> 47 <sup>s</sup> .32	+4.5137	+0.0182	-47° 52' 20.6	- 4.441	+0.643	.4	3	47° 11342
3652	9.0	8 47.87	4.6387	.0200	50 13 53.6	4.440	.661	.5	3	50 11094
3653	8.8	8 53.87	4.6532	.0202	50 29 19.4	4.432	.663	.4	3	50 11095
3654	8.8	9 34.57	4.5805	.0189	49 8 18.8	4.374	.654	.5	3	49 11262
3655	8.9	9 41 96	4.7562	.0215	52 13 51.9	4.363	.679	.5	3	52 8027
3656	7.9	17 9 52.04	+4.5543	+0.0184	-48 38 1.3	- 4.349	+0.650	.5	3	48 11526
3657	7.6	9 56.20	4.5135	.0178	47 50 10.8	4.343	.644	.6	3	47 11352
3658	8.9	9 56.31	4.4881	.0175	47 19 41.0	4.343	.641	.6	3	47 11354
3659	8.3	10 0.99	4.5468	.0183	48 29 7.9	4.336	.649	.6	3	48 11527
3660	8.2	10 15.84	4.7057	.0205	51 21 58.8	4.315	.672	.6	3	51 10774
3661	8.2	17 10 23.48	+4.6726	+0.0199	-50 47 21.4	- 4.304	+0.667	.6	3	50 11110
3662	7.4	10 39.54	4.6856	.0200	51 0 34.7	4.282	.669	.5	4	50 11118
3663	7.4	10 49.13	4.7583	.0211	52 14 4.4	4.268	.680	.4	3	52 8039
3664	9.0	11 17.63	4.4841	.0170	47 12 36.6	4.227	.642	.5	3	47 11372
3665	7.2	11 20.74	4.6018	.0186	49 29 17.4	4.223	.657	.4	3	49 11286
3666	8.3	17 11 27.24	+4.4764	+0.0168	-47 3 4.6	- 4.214	+0.640	.5	3	46 11332
3667	9.0	11 29.57	4.4990	.0171	47 30 16.4	4.210	.643	.5	3	47 11375
3668	8.8	11 53.45	4.5665	.0179	48 48 45.8	4.176	.653	.5	3	48 11551
3669	8.8	12 13.37	4.6380	.0188	50 7 37.0	4.148	.663	.6	3	50 11133
3670	8.6	12 38.55	4.4771	.0165	47 2 0.3	4.112	.641	.6	3	46 11355
3671	8.7	17 12 46.03	+4.7439	+0.0200	-51 56 44.8	- 4.102	+0.679	.6	3	51 10799
3672	8.7	12 57.87	4.6603	.0188	50 30 18.0	4.085	.667	.6	3	50 11149
3673	7.5	13 0.07	4.5984	.0179	49 22 55.9	4.082	.658	.6	3	49 11306
3674	8.0	13 16.98	4.5255	.0169	47 59 2.0	4.072	.648	.6	3	47 11398
3675	7.3	13 21.93	4.6404	.0183	50 8 27.8	4.051	.664	.4	3	50 11158
3676	7.5	17 13 30.93	+4.5138	+0.0167	-47 44 52.5	- 4.038	+0.646	.5	3	47 11407
3677	8.2	13 33.10	4.5280	.0168	48 1 33.5	4.035	.648	.4	3	47 11409
3678	7.5	13 52.74	4.5936	.0175	49 16 12.2	4.007	.658	.5	3	49 11317
3679	7.9	14 5.35	4.5598	.0170	48 37 40.8	3.989	.653	.5	3	48 11588
3680	9.0	14 16.69	4.5314	.0166	48 4 23.2	3.973	.649	.5	3	48 11593
3681	6.5	17 14 28.79	4.6339	+0.0179	-49 59 44.2	- 3.955	+0.664	.6	3	49 11324
3682	8.9	14 31.72	4.6000	.0174	49 22 25.0	3.951	.659	.6	3	49 11327
3683	8.3	14 51.14	4.7441	.0192	51 53 54.4	3.924	.680	.6	3	51 10813
3684	7.5	14 55.19	4.5531	.0167	48 28 42.7	3.918	.653	.6	3	48 11605
3685	8.5	15 9.83	4.6268	.0176	49 51 1.0	3.897	.663	.6	3	49 11334
3686	8.0	17 15 28.03	+4.5223	+0.0161	-47 51 58.3	- 3.871	+0.649	.6	3	47 11437
3687	8.0	15 39.06	4.6810	.0181	50 48 13.1	3.855	.671	.4	3	50 11190
3688	8.9	15 49.20	4.6697	.0178	50 36 5.9	3.840	.670	.5	3	50 11193
3689*	8.1	16 14.51	4.6965	.0180	51 3 27.0	3.804	.674	.4	3	50 11203
3690	8.3	16 31.21	4.7473	.0186	51 54 42.7	3.780	.681	.5	3	51 10829
3691	9.0	17 16 41.20	+4.7100	+0.0180	-51 16 43.5	- 3.766	+0.676	.5	3	51 10831
3692	8.4	16 50.31	4.7402	.0183	51 47 10.2	3.753	.680	.5	3	51 10832
3693	7.6	16 51.07	4.5178	.0156	47 44 37.3	3.752	.649	.6	3	47 11458
3694	9.0	16 51.56	4.5947	.0165	49 13 8.2	3.751	.660	.6	3	49 11359
3695	9.0	16 51.93	4.5881	.0165	49 5 43.4	3.751	.659	.6	3	49 11360
3696	7.9	17 16 52.60	+4.6211	+0.0168	-49 42 17.5	- 3.750	+0.663	.5	4	49 11358
3697	7.8	17 6.22	4.5304	.0157	47 59 7.0	3.730	.650	.6	3	47 11463
3698	7.5	17 22.94	4.6214	.0166	49 41 54.8	3.706	.664	.5	3	49 11368
3699	8.1	17 44.40	4.6280	.0166	49 48 38.7	3.676	.665	.4	3	49 11374
3700	8.9	17 58.03	4.5351	.0154	48 3 24.1	3.656	.652	.5	3	47 11477

No	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	No Obs.	Cord.
3701	8.6	17 <sup>h</sup> 18 <sup>m</sup> 7 <sup>s</sup> .42	+4.7296	+0.0177	—51°34'46".1	—3.643	+0.680	.4	3	51°10850
3702	5.7	18 22.99	4.5026	.0149	47 24 22.9	3.620	.647	.5	3	47 11484
3703	8.6	18 40.60	4.4956	.0147	47 15 38.1	3.595	.646	.5	3	47 11490
3704	8.4	18 46.55	4.6604	.0166	50 22 6.1	3.586	.670	.5	3	50 11240
3705	7.5	18 49.99	4.5667	.0155	48 38 46.6	3.581	.657	.6	3	48 11653
3706*	8.4	17 19 5.89	+4.6035	+0.0158	—49 19 46.5	—3.559	+0.662	.6	3	49 11390
3707*	9.0	19 15.76	4.7633	.0176	52 6 49.2	3.544	.685	.6	3	52 8122
3708*	8.6	19 22.38	4.6846	.0166	50 46 46.4	3.535	.674	.6	3	50 11248
3709	7.5	19 30.07	4.7186	.0170	51 21 45.7	3.524	.679	.6	3	51 10866
3710*	8.7	19 42.56	4.6852	.0166	50 46 58.4	3.506	.674	.6	3	50 11254
3711	6.8	17 20 2.22	+4.6631	+0.0162	—50 23 20.9	—3.478	+0.671	.4	3	50 11258
3712	9.0	20 24.28	4.6084	.0154	49 23 31.0	3.446	.663	.5	3	49 11422
3713	7.8	20 52.77	4.5983	.0151	49 11 43.3	3.405	.662	.4	3	49 11429
3714	8.4	20 55.11	4.6706	.0159	50 30 6.6	3.402	.672	.5	3	50 11268
3715	5.8	20 55.62	4.6748	.0160	50 34 34.4	3.401	.673	.5	3	50 11269
3716	7.3	17 20 57.79	+4.6246	+0.0153	—49 40 38.7	—3.398	+0.666	.5	3	49 11431
3717	8.9	21 12.63	4.5711	.0147	48 40 40.3	3.377	.658	.6	3	48 11692
3718*	8.9	21 15.91	4.5636	.0146	48 31 59.2	3.372	.657	.6	3	48 11693
3719	8.5	21 22.28	4.5765	.0147	48 46 35.9	3.363	.659	.6	3	48 11696
3720*	8.9	21 24.59	4.7413	.0166	51 42 13.7	3.359	.683	.6	3	51 10876
3721*	6.9	17 21 25.01	+4.5650	+0.0146	—48 33 27.6	—3.359	+0.658	.6	3	48 11697
3722	8.2	21 34.12	4.6341	.0152	49 50 9.7	3.346	.668	.6	3	49 11438
3723	8.8	21 38.32	4.5290	.0141	47 51 27.9	3.340	.653	.4	3	47 11540
3724	6.7	21 46.88	4.7531	.0165	51 53 32.3	3.327	.685	.5	3	51 10881
3725	8.6	21 56.63	4.6044	.0148	49 17 8.5	3.313	.663	.4	3	49 11444
3726	7.5	17 22 3.24	+4.7367	+0.0162	—51 36 49.6	—3.304	+0.682	.5	3	51 10884
3727	6.8	22 7.99	4.6762	.0155	50 34 29.4	3.297	.674	.5	3	50 11283
3728	8.2	22 11.21	4.4905	.0135	47 4 50.0	3.293	.647	.5	3	47 11549
3729	8.7	22 26.43	4.5313	.0139	47 53 10.0	3.271	.653	.6	3	47 11555
3730	8.6	22 45.77	4.5430	.0138	48 6 23.6	3.243	.655	.6	3	48 11720
3731	8.0	17 23 2.79	+4.4860	+0.0132	—46 58 18.2	—3.218	+0.646	.6	3	46 11530
3732	8.0	23 6.56	4.5028	.0133	47 18 34.1	3.213	.649	.6	3	47 11569
3733	8.8	23 51.45	4.5891	.0139	48 57 46.6	3.148	.662	.6	3	48 11738
3734	8.2	24 25.81	4.6658	.0145	50 20 46.4	3.099	.673	.6	3	50 11311
3735	7.9	24 39.19	4.6320	.0141	49 44 15.0	3.079	.668	.4	3	49 11479
3736	8.4	17 24 46.96	+4.7279	+0.0150	—51 24 43.8	—3.068	+0.682	.5	3	51 10921
3737	8.6	25 2.08	4.4871	.0126	46 57 19.8	3.046	.648	.4	3	46 11564
3738	8.3	25 9.59	4.7591	.0152	51 55 35.8	3.036	.687	.5	3	51 10925
3739	8.2	25 59.30	4.6656	.0139	50 18 47.1	2.964	.674	.5	3	50 11334
3740	9.0	26 28.69	4.6586	.0137	50 10 51.8	2.922	.673	.5	3	50 11341
3741	8.8	17 26 39.21	+4.7557	+0.0146	—51 50 30.2	—2.907	+0.687	.6	3	51 10933
3742	7.9	26 46.06	4.5782	.0128	48 42 12.0	2.897	.662	.6	2	48 11785
3743	2.9	26 48.72	4.6392	.0134	49 49 35.7	2.893	.671	.6	3	49 11511
3744	9.0	27 4.10	4.7077	.0139	51 1 34.2	2.871	.680	.6	3	50 11346
3745	8.0	27 40.81	4.7100	.0137	51 3 17.3	2.818	.680	.6	3	51 10949
3746	8.1	17 27 48.50	+4.6854	+0.0134	—50 37 43.3	—2.807	+0.677	.6	3	50 11357
3747	8.0	27 55.15	4.7042	.0136	50 57 5.0	2.797	.680	.4	3	50 11358
3748	9.0	28 7.80	4.6789	.0133	50 30 32.1	2.779	.677	.5	3	50 11359
3749	8.9	28 34.11	4.6990	.0132	50 51 2.8	2.741	.680	.4	3	50 11366
3750	7.8	28 41.56	4.6896	.0131	50 41 9.0	2.730	.678	.5	2-3	50 11370

3706 p 8<sup>s</sup> \* 9.2 =  $\delta$ . 3707 s 6<sup>s</sup> =  $\delta$ . 3708 s 20<sup>s</sup> \* 8.4 o!1 S. 3710 p 20<sup>s</sup> \* 8.5 o!1 N. 3718 s 9<sup>s</sup> \* 7.5 1!5 S.  
3720 p 6<sup>s</sup> o!7 S. 3721 p 9<sup>s</sup> \* 8.9 1!5 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3751	8.8	17 <sup>h</sup> 29 <sup>m</sup> 2 <sup>s</sup> .04	+4.7778	+0.0138	-52° 9' 49".5	-2.700	+0.691	.5	3	52° 82' 06"
3752	7.8	29 14.50	4.5658	.0118	48 25 25.5	2.682	.661	.5	3	48 11820
3753	8.9	29 18.77	4.6020	.0121	49 6 13.0	2.676	.666	.6	3	49 11545
3754	6.5	29 19.64	4.5690	.0118	48 28 58.5	2.675	.661	.6	3	48 11821
3755	8.9	29 24.63	4.6047	.0121	49 9 8.9	2.668	.667	.6	3	49 11547
3756	8.4	17 29 40.32	+4.6111	+0.0120	-49 15 57.4	-2.645	+0.667	.6	3	49 11549
3757	7.3	29 55.86	4.5358	.0113	47 50 8.2	2.622	.657	.6	3	47 11643
3758	8.9	29 56.27	4.5751	.0117	48 35 21.4	2.622	.662	.6	3	48 11834
3759	8.0	30 5.06	4.7432	.0130	51 34 36.8	2.609	.687	.4	3	51 10982
3760	8.2	30 12.52	4.6024	.0118	49 5 49.1	2.598	.666	.5	3	49 11557
3761	8.9	17 31 8.93	+4.6141	+0.0116	-49 17 48.4	-2.516	+0.668	.4	3	49 11564
3762	7.8	31 19.17	4.5105	.0107	47 18 51.6	2.502	.653	.5	3	47 11660
3763	9.0	31 31.33	4.6294	.0116	49 34 15.5	2.485	.671	.5	3	49 11570
3764	8.8	31 39.83	4.5800	.0111	48 39 18.1	2.472	.664	.5	3	48 11866
3765	9.2	32 1.82	4.6664	.0117	50 13 34.8	2.440	.676	.6	3	50 11420
3766	8.3	17 32 4.80	+4.5055	+0.0104	-47 12 12.4	-2.436	+0.653	.5	3	47 11673
3767	8.8	32 15.38	4.7186	.0120	51 7 46.1	2.421	.684	.6	3	51 11006
3768	7.3	32 16.72	4.6100	.0111	49 12 17.6	2.419	.668	.6	3	49 11575
3769	6.7	32 24.35	4.6550	.0114	50 1 6.9	2.408	.675	.6	3	49 11577
3770	8.9	32 51.53	4.5470	.0104	48 0 24.9	2.368	.659	.6	3	47 11680
3771*	8.4	17 34 5.11	+4.7223	+0.0113	-51 9 56.6	-2.262	+0.685	.4	3	51 11033
3772*	8.9	34 6.25	4.7222	.0113	51 9 48.5	2.260	.685	.5	3	51 11035
3773	5.3	35 22.29	4.6218	.0101	49 22 38.4	2.150	.671	.4	3	49 11616
3774	8.3	35 31.22	4.6380	.0100	49 40 10.0	2.137	.673	.5	3	49 11617
3775	7.4	35 46.72	4.6522	.0102	49 55 14.4	2.115	.675	.5	3	49 11619
3776	9.0	17 36 4.49	+4.5399	+0.0093	-47 49 29.4	-2.089	+0.659	.5	3	47 11711
3777	8.9	36 14.15	4.6575	.0100	50 0 36.9	2.075	.676	.6	3	49 11625
3778	9.0	36 21.41	4.7663	.0107	51 52 10.4	2.064	.692	.6	3	51 11065
3779	6.3	36 23.83	4.4928	.0089	46 53 17.0	2.061	.652	.6	3	46 11747
3780*	8.9	36 38.94	4.6981	.0101	50 43 1.8	2.039	.682	.5	2	50 11466
3781*	8.4	17 36 43.43	+4.6966	+0.0101	-50 41 26.1	-2.032	+0.682	.6	3	50 11467
3782	8.1	36 45.28	4.6822	.0100	50 26 22.9	2.030	.680	.6	3	50 11469
3783	6.9	36 56.05	4.5229	.0090	47 28 49.7	2.014	.657	.4	3	47 11720
3784	6.4	36 58.88	4.6846	.0099	50 28 41.0	2.010	.680	.5	3	50 11474
3785*	8.7	37 16.32	4.5818	.0091	48 36 37.8	1.985	.666	.4	3	48 11949
3786	8.3	17 37 17.13	+4.6156	+0.0093	-49 14 19.4	-1.984	+0.670	.5	3	49 11636
3787	8.5	37 26.13	4.6931	.0098	50 37 16.9	1.971	.682	.5	3	50 11480
3788	7.8	37 34.46	4.7636	.0102	51 48 40.1	1.958	.692	.5	3	51 11074
3789	9.0	37 37.16	4.7721	.0102	51 57 1.9	1.954	.693	.6	3	51 11075
3790	7.8	37 44.46	4.6561	.0094	49 58 1.5	1.944	.676	.5	3	49 11642
3791	8.9	17 37 50.75	+4.6535	+0.0094	-49 55 8.2	-1.935	+0.676	.6	3	49 11643
3792	9.1	38 9.92	4.6197	.0090	49 18 15.5	1.907	.671	.6	3	49 11648
3793	8.0	38 44.43	4.5070	.0082	47 8 37.5	1.857	.655	.6	3	47 11748
3794	8.7	38 50.11	4.6529	.0090	49 53 48.6	1.849	.676	.6	3	49 11661
3795	5.0	38 58.83	4.7640	.0096	51 48 5.6	1.836	.692	.4	3	51 11094
3796*	8.8	17 38 59.47	+4.5303	+0.0083	-47 36 4.4	-1.835	+0.658	.5	3	47 11753
3797	8.0	39 7.00	4.5657	.0084	48 16 58.8	1.824	.664	.4	3	48 11974
3798	8.1	39 25.92	4.6546	.0088	49 55 15.7	1.797	.676	.5	3	49 11670
3799	8.6	39 39.66	4.6322	.0086	49 30 55.2	1.777	.673	.5	3	49 11676
3800	7.5	39 53.21	4.5352	.0080	47 41 13.2	1.757	.659	.5	3	47 11769

3771 s 1° \* 8.7 0.2 N.    3772 p 1° \* 9.0 0.2 S.    3780 s 5° \* 5 1.5 N.    3781 p 5° 1.5 S.    3785 } p 4° =  $\delta$ .  
 3796 p 7° 0.3 S.    } s 1° =  $\delta$ .

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3801*	8.9	17 <sup>h</sup> 39 <sup>m</sup> 55 <sup>s</sup> .54	+4.5594	+0.0081	-48° 9' 17".6	- 1.754	+0.663	.6	3	48° 11979
3802*	8.0	39 58.25	4.5580	.0081	48 7 35.1	1.750	.663	.5	3	48 11980
3803	8.2	40 32.89	4.7028	.0087	50 45 12.6	1.699	.684	.6	3	50 11514
3804	9.0	40 42.64	4.7832	.0090	52 5 44.6	1.685	.695	.6	3	52 8310
3805	7.2	40 50.56	4.4956	.0075	46 53 32.0	1.674	.654	.6	3	46 11818
3806	6.6	17 40 57.53	+4.5999	+0.0079	-48 54 29.0	- 1.664	+0.669	.6	3	48 12000
3807	8.0	41 27.61	4.6372	.0080	49 35 9.3	1.620	.675	.4	3	49 11696
3808	8.6	41 41.47	4.5616	.0075	48 10 42.5	1.600	.664	.5	3	48 12015
3809*	8.9	41 54.84	4.5516	.0074	47 58 58.6	1.580	.662	.5	2	47 11793
3810	8.8	42 39.18	4.6268	.0075	49 23 7.7	1.516	.673	.5	3	49 11713
3811	8.0	17 43 5.59	+4.7438	+0.0079	-51 25 29.6	- 1.477	+0.690	.5	3	51 11144
3812	7.8	43 23.60	4.5139	.0067	47 13 58.3	1.451	.657	.5	3	47 11816
3813	8.9	43 46.45	4.5650	.0068	48 13 21.5	1.418	.664	.6	3	48 12050
3814	9.0	44 9.80	4.5371	.0066	47 40 54.0	1.384	.660	.6	3	47 11823
3815*	8.8	45 8.21	4.6774	.0068	50 16 10.4	1.299	.681	.6	3	50 11560
3816	8.9	17 45 11.78	+4.7256	+0.0070	-51 6 0.8	- 1.294	+0.688	.6	3	51 11172
3817	7.8	45 25.09	4.5137	.0061	47 12 40.2	1.275	.657	.6	3	47 11839
3818	6.7	45 31.76	4.5680	.0062	48 15 58.6	1.265	.665	.6	3	48 12072
3819	6.9	45 33.25	4.6332	.0065	49 28 37.1	1.264	.675	.4	3	49 11740
3820	8.0	45 54.21	4.6779	.0065	50 16 21.3	1.232	.681	.5	3	50 11573
3821	9.0	17 46 41.92	+4.5634	+0.0058	-48 10 9.1	- 1.163	+0.665	.4	3	48 12091
3822	8.0	47 8.64	4.7622	.0063	51 41 54.0	1.124	.694	.5	3	51 11202
3823	8.7	47 12.50	4.7113	.0061	50 50 28.8	1.118	.686	.5	4	50 11590
3824	8.9	47 47.55	4.6300	.0056	49 24 8.5	1.067	.674	.5	3	49 11765
3825*	9.0	47 57.46	4.7100	.0058	50 48 52.4	1.053	.686	.6	3	50 11606
3826	9.0	17 48 20.05	+4.7136	+0.0057	-50 52 26.7	- 1.020	+0.687	.5	3	50 11608
3827	9.0	48 39.66	4.6646	.0055	50 1 8.0	0.991	.680	.6	3	50 11614
3828	9.0	49 1.22	4.5234	.0049	47 22 42.7	0.960	.659	.6	3	47 11888
3829	8.4	49 6.72	4.5726	.0050	48 19 40.2	0.952	.666	.6	3	48 12133
3830	9.3	49 19.66	4.6641	.0052	50 0 21.9	0.933	.680	.6	3	49 11779
3831	8.8	17 49 24.00	+4.5253	+0.0048	-47 24 48.9	- 0.927	+0.659	.4	3	47 11895
3832	9.0	50 10.66	4.5804	.0045	48 28 10.5	0.859	.668	.5-.6	3-2	48 12146
3833	8.8	50 34.80	4.5541	.0044	47 58 3.6	0.824	.664	.4	3	47 11904
3834	8.7	50 39.18	4.7842	.0050	52 2 11.6	0.817	.697	.5	3	52 8403
3835	7.3	50 59.58	4.6052	.0044	48 55 44.2	0.788	.671	.5	3	48 12154
3836	8.2	17 51 30.57	+4.5273	+0.0041	-47 26 30.7	- 0.742	+0.660	.5	3	47 11920
3837	8.5	53 2.37	4.5712	.0036	48 17 0.2	0.607	.666	.6	3	48 12179
3838	8.9	53 11.03	4.5571	.0036	48 0 36.7	0.596	.664	.6	3	47 11944
3839	9.0	53 27.02	4.6987	.0037	50 35 31.2	0.573	.685	.6	3	50 11653
3840	9.0	53 37.17	4.5731	.0034	48 18 58.9	0.558	.667	.6	3	48 12187
3841*	8.4	17 54 31.20	+4.5447	+0.0031	-47 46 7.9	- 0.479	+0.663	.6	2	47 11960
3842	9.0	54 40.16	4.5259	.0030	47 24 11.1	0.466	.660	.6	3	47 11967
3843*	7.6	54 47.04	4.5441	.0030	47 45 27.5	0.456	.663	.4	3	47 11970
3844	8.0	55 18.40	4.6603	.0029	49 54 47.9	0.410	.679	.5	3	49 11852
3845	7.4	55 21.10	4.5335	.0028	47 32 59.3	0.406	.661	.4	3	47 11976
3846	8.1	17 55 44.24	+4.5817	+0.0026	-48 28 26.3	- 0.373	+0.668	.5	3	48 12213
3847	8.8	56 17.30	4.5508	.0025	47 52 58.9	0.325	.663	.5	3	47 11989
3848	8.8	56 28.80	4.5082	.0024	47 2 54.0	0.308	.657	.5	3	47 11993
3849	9.0	57 0.47	4.6755	.0023	50 10 43.4	0.262	.681	.6	3	50 11684
3850	8.9	57 1.39	4.5998	.0023	48 48 34.2	0.260	.671	.6	3	48 12227

3801 s 3<sup>s</sup> \* 8.3 2' N.    3802 p 3<sup>s</sup> \* 9.0 2' S.    3809 p 8<sup>s</sup> \* 0.3 S.    3815 doble, tomé prec.    3825 p 40<sup>s</sup> 2' S.  
 3841 { s 10<sup>s</sup> \* 9.4 = 0.  
 { s 15<sup>s</sup> \* 7.7 1' N.    3843 p 15<sup>s</sup> \* 8.4 1' S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3851	8.9	17 <sup>h</sup> 57 <sup>m</sup> 29.57	+4.5055	+0.0021	-46 <sup>h</sup> 59'35.75	-0.219	-0.657	.6	3	46°12051
3852	8.5	57 35.27	4.6441	.0021	49 37 12.3	0.211	.677	.6	3	49 11885
3853	7.0	57 53.65	4.7618	.0019	51 38 53.3	0.184	.694	.6	3	51 11312
3854	9.6	58 15.08	4.5051	.0017	46 59 3.9	0.153	.657	.6	3	46 12059
3855	8.2	58 40.38	4.5133	.0017	47 8 45.2	0.116	.658	.4	3	47 12018
3856	7.5	17 58 53.08	+4.6066	+0.0016	-48 56 0.8	-0.098	+0.672	.5	3	48 12251
3857	9.1	59 5.57	4.6523	.0015	49 45 58.6	0.079	.678	.4	3	49 11898
3858	8.5	59 13.46	4.5427	.0013	47 43 22.0	0.068	.662	.5	3	47 12024
3859	8.1	59 46.47	4.6904	.0012	50 26 39.4	0.020	.684	.5	3	50 11703
3860	6.9	18 0 59.18	4.7680	.0008	51 44 57.8	+0.086	.695	.6	3	51 11348
3861	6.8	18 1 8.68	+4.5412	+0.0009	-47 41 39.8	+0.100	+0.662	.6	3	47 12047
3862	8.0	1 25.42	4.6386	.0008	49 31 11.1	0.124	.676	.6	3	49 11925
3863	8.4	1 26.70	4.5246	.0008	47 22 7.8	0.126	.660	.6	3	47 12051
3864	9.0	1 30.25	4.6957	.0007	50 31 47.0	0.131	.685	.6	3	50 11719
3865	4.2	1 34.12	4.6710	.0007	50 5 51.6	0.137	.681	.6	4	50 11720
3866	8.6	18 1 45.48	+4.5751	+0.0006	-48 20 40.3	+0.154	+0.667	.6	4	48 12277
3867	8.8	1 47.11	4.6400	.0006	49 32 42.3	0.156	.676	.6	3	49 11927
3868	8.7	1 58.01	4.5936	.0006	48 41 35.9	0.172	.669	.6	3	48 12279
3869	7.0	2 2.97	4.5703	.0006	48 15 16.2	0.179	.666	.5	3	48 12280
3870	7.8	2 5.05	4.6553	.0005	49 49 14.4	0.182	.679	.6	3	49 11933
3871	7.4	18 2 12.32	+4.5248	+0.0006	-47 22 28.5	+0.193	+0.659	.6	3	47 12056
3872	8.9	2 33.71	4.5011	.0006	46 54 16.8	0.224	.656	.6	3	46 12117
3873	8.4	3 13.60	4.5511	.0002	47 57 17.0	0.282	.664	.6	3	47 12070
3874	8.4	3 43.00	4.6293	.0000	49 21 17.4	0.325	.675	.6	3	49 11950
3875	9.0	3 44.25	4.6865	-0.0002	50 22 22.4	0.327	.683	.6	4	50 11741
3876	8.8	18 4 6.29	+4.5184	-0.0002	-47 15 4.1	+0.359	+0.658	.6	3	47 12073
3877	8.9	4 15.86	4.7276	.0003	51 4 51.5	0.373	.689	.6	3	51 11382
3878	8.8	4 33.33	4.5933	.0002	48 41 28.4	0.398	.669	.6	2-3	48 12307
3879*	9.0	4 37.18	4.5449	.0003	47 46 16.2	0.404	.662	.6	3	47 12080
3880	8.0	4 42.92	4.5240	.0003	47 21 52.0	0.412	.659	.6	3	47 12082
3881	8.0	18 4 51.82	+4.7613	-0.0008	-51 38 42.9	+0.425	+0.694	.6	3	51 11392
3882	8.6	4 54.77	4.5422	.0004	47 43 11.8	0.430	.662	.6	3	47 12084
3883	7.7	4 56.34	4.6166	.0005	49 7 32.5	0.432	.673	.6	4	49 11959
3884	8.9	4 57.24	4.5374	.0004	47 37 32.7	0.433	.661	.6	3	47 12085
3885	9.0	4 58.60	4.6035	.0006	48 52 59.6	0.435	.671	.6	3	48 12313
3886	8.8	18 5 45.88	+4.7829	-0.0013	-52 0 8.4	+0.504	+0.697	.6	3	52 8524
3887	8.7	5 53.94	4.5038	.0007	46 57 56.1	0.516	.656	.6	3	46 12159
3888*	9.0	6 5.93	4.5713	.0009	48 16 55.0	0.533	.666	.6	3	48 12326
3889*	7.8	6 6.14	4.5732	.0009	48 19 1.6	0.534	.666	.6	3	48 12327
3890	6.0	6 9.73	4.5321	.0008	47 31 34.1	0.539	.660	.6	3	47 12098
3891	8.7	18 6 13.68	+4.6642	-0.0011	-49 59 17.8	+0.545	+0.680	.6	3	49 11968
3892	8.4	6 50.71	4.7023	.0016	51 40 5.9	0.599	.694	.6	3	51 11409
3893	8.6	6 54.41	4.4979	.0010	46 51 6.5	0.604	.655	.6	3	46 12175
3894	8.7	7 13.26	4.5252	.0011	47 23 41.7	0.632	.659	.6	3	47 12107
3895	8.6	7 22.64	4.5884	.0014	48 36 35.4	0.645	.668	.6	4	48 12336
3896	7.0	18 7 50.80	+4.6973	-0.0018	-50 34 25.7	+0.686	+0.684	.6	3	50 11779
3897	8.7	7 53.54	4.5998	.0016	48 49 25.1	0.690	.670	.6	3	48 12344
3898	9.0	8 1.69	4.5450	.0015	47 47 6.2	0.702	.662	.6	3	47 12117
3899	9.0	8 2.51	4.5934	.0016	48 42 20.1	0.703	.669	.6	3	48 12346
3900	8.7	8 13.93	4.6608	.0019	49 56 4.0	0.720	.679	.6	3	49 11985

3879 p 11° 0' 2" N. 3888 =  $\alpha$  \* 8.0 2' S. 3889 =  $\alpha$  \* 8.6 2' N.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3901	9.0	18 <sup>h</sup> 8 <sup>m</sup> 26.10	+4.6078	-0.0018	-48°58' 29.4	+ 0.738	+0.671	.6	3	48° 12349
3902	8.2	9 9.72	4.5853	.0020	48 33 30.8	0.801	.668	.6	3	48 12358
3903	6.7	9 30.48	4.5544	.0020	47 58 24.1	0.831	.663	.6	3	47 12138
3904	7.9	9 43.99	4.5997	.0021	48 49 56.3	0.851	.670	.6	4	48 12366
3905	8.3	9 44.25	4.5244	.0020	47 23 25.3	0.851	.659	.6	3	47 12139
3906*	8.8	18 9 48.05	+4.6847	-0.0025	-50 21 51.8	+ 0.857	+0.682	.6	3	50 11797
3907*	8.3	9 55.98	4.6826	.0026	50 19 37.9	0.869	.682	.6	3	50 11800
3908	8.5	10 18.76	4.6867	.0027	50 24 6.7	0.902	.682	.6	3	50 11803
3909	9.1	10 19.52	4.7588	.0030	51 37 32.7	0.903	.693	.6	3	51 11444
3910	8.9	10 20.40	4.7718	.0030	51 50 27.3	0.904	.695	.6	3	51 11445
3911	6.5	18 10 27.49	+4.6017	-0.0024	-48 52 20.9	+ 0.914	+0.670	.6	3	48 12373
3912	8.3	10 43.94	4.6752	.0028	50 12 6.4	0.938	.680	.6	3	50 11806
3913	8.3	10 45.67	4.5328	.0023	47 33 40.1	0.941	.660	.6	3	47 12154
3914	9.0	11 16.65	4.6470	.0030	49 42 18.2	0.986	.676	.6	3	49 12018
3915	8.4	11 30.75	4.6210	.0029	49 14 2.4	1.007	.672	.6	4	49 12023
3916	6.8	18 11 53.63	+4.7263	-0.0035	-51 5 27.4	+ 1.040	+0.688	.6	3	51 11460
3917	8.0	12 34.67	4.7058	.0037	50 44 45.4	1.100	.685	.6	3	50 11826
3918	8.0	12 36.08	4.7847	.0040	52 3 52.7	1.102	.696	.6	3	52 8581
3919	8.6	12 44.43	4.6748	.0036	50 12 26.9	1.114	.680	.6	3	50 11829
3920	7.8	12 48.92	4.5108	.0029	47 8 24.5	1.120	.657	.5	3	47 12181
3921	8.9	18 12 49.77	+4.5488	-0.0031	-47 53 11.3	+ 1.122	+0.662	.6	3	47 12180
3922	8.0	12 56.34	4.4986	.0026	46 53 57.2	1.131	.654	.6	3	46 12266
3923*	7.7	13 45.30	4.5315	.0034	47 33 23.0	1.202	.659	.6	3	47 12192
3924*	8.9	13 46.65	4.5332	.0034	47 35 21.8	1.204	.659	.6	3	47 12193
3925	7.0	13 54.26	4.7796	.0045	51 59 27.4	1.215	.695	.6	4	52 8593
3926	7.5	18 14 33.25	+4.6274	-0.0040	-49 22 24.0	+ 1.272	+0.673	.6	3	49 12058
3927	8.8	14 38.82	4.6950	.0044	50 34 26.2	1.280	.683	.6	3	50 11849
3928	9.1	14 42.33	4.6989	.0044	50 38 32.5	1.285	.683	.6	3	50 11850
3929	8.0	14 55.84	4.6317	.0042	49 27 12.9	1.305	.673	.6	3	49 12062
3930	6.7	15 2.90	4.5957	.0040	48 47 32.5	1.315	.668	.6	3	48 12421
3931	9.0	18 15 12.22	+4.6290	-0.0043	-49 24 23.9	+ 1.329	+0.673	.6	3	49 12064
3932	8.1	15 21.23	4.6151	.0043	49 9 17.6	1.342	.671	.6	3	49 12068
3933	7.9	15 22.75	4.5825	.0041	48 32 51.8	1.344	.666	.6	3	48 12427
3934	8.9	15 25.37	4.5230	.0039	47 24 5.4	1.348	.657	.6	3	47 12214
3935	8.6	15 37.38	4.5539	.0041	48 0 21.2	1.365	.662	.6	4	48 12434
3936	8.5	18 16 53.41	+4.7458	-0.0056	-51 27 26.0	+ 1.476	+0.689	.6	3	51 11509
3937	8.8	17 0.57	4.5403	.0045	47 45 16.0	1.417	.659	.6	3	47 12228
3938	8.3	17 24.26	4.5123	.0045	47 12 28.8	1.521	.655	.6	3	47 12234
3939	8.3	17 32.93	4.5275	.0046	47 30 35.6	1.533	.657	.6	3	47 12238
3940	8.7	17 46.23	4.7131	.0057	50 54 46.5	1.553	.684	.6	3	50 11880
3941	7.5	18 18 19.66	+4.5729	-0.0052	-48 23 33.6	+ 1.601	+0.664	.6	3	48 12462
3942	9.0	19 14.80	4.6335	.0059	49 53 12.2	1.681	.675	.6	3	49 12102
3943	8.0	19 18.21	4.7689	.0067	51 51 46.3	1.686	.692	.6	3	51 11539
3944	9.0	19 20.02	4.5919	.0056	48 45 43.3	1.689	.666	.6	4	48 12474
3945	7.8	19 24.26	4.7860	.0068	52 8 32.8	1.695	.694	.6	3	52 8631
3946	6.6	18 19 31.18	+4.6421	-0.0060	-49 41 5.6	+ 1.705	+0.674	.6	3	49 12105
3947	9.0	19 38.60	4.5288	.0053	47 33 24.3	1.716	.657	.6	3	47 12257
3948	8.4	19 41.68	4.5952	.0057	48 49 35.9	1.721	.667	.6	3	48 12479
3949	8.0	20 1.01	4.5824	.0058	48 35 23.1	1.749	.665	.6	3	48 12482
3950	8.9	20 13.85	4.5027	.0053	47 2 46.7	1.767	.653	.6	3	47 12265

3906 s 8° \* 7.7 2' N.    3907 p 8° \* 8.5 2' S.    8923 s 1° \* 8.9 2' S.    3924 p 1° \* 8.4 2' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
3951	8.9	18 <sup>h</sup> 20 <sup>m</sup> 33 <sup>s</sup> .93	+4.6937	-0.0067	-50° 36' 28".6	+ 1.796	+0.681	.6	3	50° 11910
3952	8.3	20 38.70	4.6447	.0064	49 44 35.4	1.803	.674	.6	3	49 12115
3953	8.3	20 48.83	4.7415	.0071	51 25 31.7	1.818	.688	.6	3	51 11555
3954	8.0	21 2.16	4.7113	.0070	50 55 1.0	1.837	.683	.6	3	50 11917
3955	8.8	21 4.02	4.5011	.0056	47 1 25.1	1.840	.653	.6	4	47 12273
3956	9.1	18 21 23.49	+4.6366	-0.0066	-49 36 24.6	+ 1.868	+0.672	.6	3	49 12124
3957	8.8	21 43.82	4.7506	.0075	51 35 16.3	1.898	.689	.6	3	51 11563
3958	9.0	21 47.10	4.7142	.0073	50 58 28.9	1.903	.683	.6	3	51 11565
3959	5.6	21 57.68	4.5583	.0063	48 9 16.9	1.918	.660	.6	3	48 12505
3960	8.7	22 0.95	4.6892	.0072	50 32 49.3	1.923	.679	.6	3	50 11929
3961	8.5	18 22 1.87	+4.7706	-0.0078	-51 55 16.2	+ 1.924	+0.691	.6	3	51 11566
3962	8.3	22 3.02	4.6975	.0073	50 41 26.7	1.926	.681	.6	3	50 11930
3963	8.9	22 40.67	4.6599	.0074	50 2 21.3	1.980	.675	.6	3	50 11938
3964	9.0	22 52.46	4.7833	.0082	52 8 18.9	1.997	.693	.6	3	52 8659
3965	8.3	23 9.50	4.7291	.0079	51 14 35.8	2.022	.685	.6	4	51 11580
3966	9.0	18 23 13.95	+4.6278	-0.0072	-49 28 9.0	+ 2.029	+0.670	.6	3	49 12145
3967	8.9	23 15.35	4.6328	.0073	49 33 33.5	2.031	.671	.6	3	49 12147
3968*	9.1	23 36.64	4.5933	.0071	48 50 16.9	2.061	.665	.6	3	48 12525
3969	5.0	23 49.46	4.6077	.0073	49 6 28.5	2.080	.667	.6	3	49 12153
3970	9.0	23 55.28	4.5453	.0069	47 55 44.0	2.089	.658	.6	3	47 12303
3971	8.0	18 24 10.62	+4.5092	-0.0067	-47 13 26.7	+ 2.111	+0.653	.6	3	47 12308
3972	8.3	24 34.75	4.5041	.0068	47 7 42.6	2.146	.652	.6	3	47 12315
3973	8.9	24 42.08	4.7802	.0090	52 6 40.6	2.156	.692	.6	3	52 8675
3974	6.5	25 2.54	4.5106	.0070	47 15 48.9	2.186	.653	.6	3	47 12319
3975	7.8	25 13.37	4.6299	.0080	49 31 57.1	2.202	.670	.6	5	49 12169
3976	8.2	18 25 17.48	+4.6341	-0.0080	-49 36 39.2	+ 2.208	+0.670	.6	2	49 12170
3977*	8.3	25 18.26	4.6397	.0081	49 42 40.2	2.209	.671	.6	4	49 12171
3978	9.0	25 40.23	4.6473	.0083	49 51 14.7	2.241	.672	.6	3	49 12173
3979*	8.6	25 41.59	4.6390	.0082	49 42 13.9	2.243	.671	.6	3	49 12174
3980	7.0	25 48.37	4.7460	.0091	51 33 43.0	2.252	.686	.6	3	51 11610
3981	8.8	18 25 50.98	+4.7341	-0.0090	-51 21 51.8	+ 2.256	+0.685	.6	3	51 11611
3982	7.1	26 0.84	4.5506	.0076	48 3 33.1	2.270	.658	.6	3	48 12549
3983	6.8	26 8.57	4.5407	.0076	47 52 11.8	2.282	.657	.6	3	47 12332
3984	7.3	26 26.90	4.6679	.0087	50 13 49.6	2.308	.674	.6	4	50 11980
3985	7.0	26 27.27	4.5144	.0075	47 21 30.9	2.309	.653	.5	3	47 12339
3986	8.6	18 26 43.33	+4.5844	-0.0081	-48 42 48.7	+ 2.332	+0.663	.6	3	48 12560
3987	8.7	27 1.26	4.7217	.0094	51 10 15.0	2.358	.683	.6	3	51 11627
3988	7.3	28 29.90	4.6678	.0096	50 15 35.9	2.486	.675	.6	3	50 12002
3989	7.3	29 36.82	4.6961	.0098	50 46 20.0	2.583	.678	.6	3	50 12016
3990	9.0	29 48.55	4.7740	.0110	52 5 3.6	2.600	.689	.6	3	52 8720
3991	7.6	18 29 50.77	+4.6190	-0.0095	-49 24 9.1	+ 2.603	+0.667	.6	3	49 12216
3992*	8.6	29 55.63	4.5477	.0089	48 3 49.4	2.610	.656	.6	3	48 12596
3993*	9.0	29 56.14	4.5483	.0089	48 4 32.9	2.611	.656	.6	3	48 12597
3994	8.2	30 0.38	4.5548	.0090	48 12 7.9	2.617	.657	.6	3	48 12599
3995	8.9	30 31.89	4.5809	.0094	48 42 26.7	2.663	.661	.6	4	48 12608
3996	8.6	18 31 33.18	+4.4943	-0.0090	-47 2 21.3	+ 2.751	+0.648	.6	3	47 12395
3997	9.0	32 1.11	4.7476	.0116	51 41 6.4	2.791	.684	.6	3	51 11677
3998	7.9	32 5.77	4.5562	.0097	48 15 51.4	2.798	.656	.6	3	48 12623
3999*	9.0	32 24.82	4.7672	.0120	52 0 54.7	2.826	.687	.6	3	52 8730
4000	7.5	32 33.48	4.4980	.0093	47 7 45.8	2.838	.648	.6	3	47 12408

3968 p 3° \* 9.3 2' N. 3977 s 23° \* 8.6 0'7 N. 3979 p 23° \* 8.1 0'7 S. 3992 s 1° \* 8.6 1' S. 3993 p 1° \* 8.5 1' N.  
3999 p 54° \* 9.2 1' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4001	8.3	18 <sup>h</sup> 32 <sup>m</sup> 34 <sup>s</sup> .82	+4.6607	-0.0109	-50°12' 37.9	+ 2.840	+0.671	.6	3	50°12045
4002	9.0	33 7.74	4.6753	.0113	50 28 8.4	2.888	.673	.6	3	50 12053
4003	5.9	33 33.81	4.5818	.0105	48 46 36.8	2.925	.660	.6	3	48 12637
4004	8.4	33 35.30	4.6212	.0109	49 30 27.3	2.927	.665	.6	3	49 12258
4005	8.8	33 35.44	4.6523	.0112	50 4 11.5	2.928	.670	.6	4	50 12058
4006	8.9	18 34 2.01	+4.6542	-0.0114	-50 6 41.3	+ 2.966	+0.670	.6	3	50 12062
4007	8.7	34 8.44	4.4901	.0098	47 0 1.2	2.975	.646	.6	3	47 12426
4008	6.3	34 19.18	4.5388	.0103	47 58 4.3	2.991	.653	.6	3	48 12644
4009	8.3	34 50.43	4.4954	.0099	47 7 14.6	3.036	.646	.6	3	47 12438
4010	7.8	35 0.19	4.7460	.0128	51 42 40.0	3.050	.683	.6	3	51 11702
4011	6.7	18 35 52.00	+4.4928	-0.0104	-47 5 15.3	+ 3.124	+0.646	.6	3	47 12449
4012	9.0	35 52.71	4.7173	.0129	51 14 44.6	3.125	.678	.6	3	51 11710
4013	6.6	36 17.43	4.6756	.0125	50 31 58.3	3.161	.672	.6	3	50 12079
4014	6.3	36 35.36	4.5461	.0112	48 9 14.3	3.187	.653	.6	3	48 12668
4015	7.6	37 28.56	4.5282	.0113	47 49 23.3	3.263	.650	.6	4	47 12467
4016	8.3	18 37 39.88	+4.5235	-0.0113	-47 44 6.1	+ 3.280	+0.649	.6	3	47 12470
4017	8.0	38 11.20	4.5829	.0122	48 53 15.6	3.325	.657	.6	3	48 12679
4018	8.6	38 17.08	4.5598	.0119	48 27 8.3	3.333	.654	.6	3	48 12681
4019	8.8	38 37.82	4.4969	.0113	47 13 36.8	3.363	.645	.6	3	47 12482
4020	9.1	39 31.22	4.6943	.0140	50 55 28.2	3.440	.673	.6	3	50 12109
4021	8.9	18 39 32.20	+4.4858	-0.0115	-47 1 23.4	+ 3.441	+0.643	.6	3	47 12492
4022	8.9	39 40.71	4.7303	.0145	51 32 31.9	3.453	.678	.6	3	51 11736
4023	8.6	39 47.48	4.6729	.0138	50 33 24.5	3.463	.670	.6	3	50 12112
4024	8.7	39 47.85	4.5175	.0120	47 39 42.8	3.464	.647	.6	3	47 12494
4025	8.6	39 48.38	4.5287	.0121	47 56 51.4	3.464	.649	.6	4	48 12691
4026	8.3	18 39 55.95	+4.7230	-0.0145	-51 25 28.0	+ 3.475	+0.677	.6	3	51 11739
4027	8.1	40 16.28	4.5895	.0130	49 3 19.8	3.504	.657	.6	3	49 12315
4028	8.9	40 24.20	4.7529	.0151	51 56 9.0	3.516	.681	.6	3	51 11744
4029	8.8	40 30.49	4.7182	.0149	51 21 17.7	3.525	.676	.6	3	51 11747
4030	6.4	40 37.68	4.5611	.0128	48 31 35.7	3.535	.653	.6	3	48 12701
4031*	6.4	18 40 41.42	+4.5508	-0.0128	-48 19 54.7	+ 3.540	+0.651	.6	3	48 12702
4032	6.1	40 51.08	4.6936	.0145	50 56 26.0	3.554	.672	.6	3	50 12122
4033	8.4	41 7.98	4.4888	.0120	47 7 3.6	3.579	.642	.6	3	47 12509
4034*	9.0	41 13.31	4.5513	.0128	48 21 7.4	3.586	.651	.6	3	48 12707
4035	8.4	41 55.35	4.6894	.0148	50 53 30.8	3.647	.671	.6	4	50 12133
4036	6.0	18 41 57.15	+4.6480	-0.0143	-50 9 49.5	+ 3.649	+0.664	.6	3	50 12135
4037	7.8	42 24.14	4.6218	.0141	49 42 1.6	3.688	.661	.6	3	49 12336
4038	8.1	42 52.49	4.5239	.0131	47 51 28.1	3.728	.646	.6	3	47 12528
4039	9.0	43 29.27	4.6794	.0153	50 45 18.3	3.781	.668	.6	3	50 12149
4040	7.2	43 40.06	4.7048	.0158	51 11 52.9	3.797	.672	.6	3	51 11770
4041	8.8	18 44 11.56	+4.5100	-0.0133	-47 36 56.2	+ 3.842	+0.643	.6	3	47 12544
4042	9.0	44 21.81	4.5193	.0135	47 48 11.8	3.856	.645	.6	3	47 12546
4043	8.2	44 26.48	4.6240	.0149	49 47 22.1	3.863	.660	.6	3	49 12356
4044*	9.0	44 56.05	4.6390	.0153	50 4 19.4	3.905	.662	.6	3	50 12163
4045*	8.8	45 1.72	4.6391	.0153	50 4 38.5	3.913	.662	.6	4	50 12164
4046	7.9	18 45 36.93	+4.5512	-0.0144	-48 27 15.6	+ 3.964	+0.649	.6	3	48 12745
4047	8.0	45 47.76	4.5202	.0140	47 51 18.5	3.979	.644	.6	3	47 12565
4048	9.0	45 50.05	4.7476	.0172	51 58 20.0	3.982	.676	.6	3	52 8842
4049*	6.8	46 17.05	4.7244	.0171	51 35 46.5	4.021	.673	.6	3	51 11792
4050	8.7	46 28.11	4.6246	.0157	49 51 0.6	4.037	.659	.6	3	49 12372

4031 s 32° \* 8.6 1' S. 4034 p 32° \* 7.1 1' N. 4044 s 5° \* 9.0 0'3 S. 4045 p 5° \* 8.6 0'3 N. 4049 s 22° \* 8.2 1'3 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4051	9.2	18 <sup>h</sup> 46 <sup>m</sup> 38 <sup>s</sup> .75	+4.5538	-0.0148	-48° 31' 53".2	+ 4.052	+0.648	.6	3	48° 12' 54"
4052*	8.7	46 39.33	4.7226	.0172	51 34 28.7	4.053	.673	.6	3	51 11 795
4053	9.0	47 4.96	4.6178	.0158	49 44 29.8	4.089	.657	.6	3	49 12 378
4054	9.0	47 23.21	4.5521	.0150	48 31 5.6	4.114	.648	.6	3	48 12 760
4055	7.0	48 3.73	4.7465	.0182	52 0 37.7	4.172	.675	.6	3	52 8861
4056	8.9	18 48 4.03	+4.6449	-0.0166	-50 15 29.7	+ 4.173	+0.660	.6	3	50 12190
4057	8.3	48 4.80	4.6161	.0162	49 44 8.6	4.174	.656	.6	4	49 12385
4058	6.5	48 7.07	4.5470	.0152	48 26 19.4	4.177	.646	.6	3	48 12769
4059	8.9	48 11.73	4.5996	.0160	49 26 5.8	4.184	.654	.6	3	49 12387
4060*	6.8	49 9.94	4.4906	.0147	47 21 16.0	4.267	.638	.6	3	47 12603
4061	8.1	18 49 13.20	+4.6152	-0.0166	-49 45 2.3	+ 4.271	+0.656	.6	3	49 12395
4062*	7.9	49 17.37	4.4899	.0149	47 20 37.5	4.277	.638	.5	3	47 12605
4063	6.8	49 31.94	4.6262	.0168	49 57 36.4	4.298	.657	.6	3	50 12206
4064*	9.0	49 41.76	4.6398	.0171	50 12 36.3	4.312	.659	.6	3	50 12209
4065	8.6	49 42.20	4.6420	.0172	50 15 0.7	4.313	.659	.6	4	50 12210
4066	8.6	18 49 48.64	+4.5756	-0.0162	-49 1 45.5	+ 4.322	+0.650	.6	3	49 12399
4067	9.1	49 58.07	4.5089	.0152	47 44 31.2	4.335	.640	.6	3	47 12610
4068	8.9	50 18.73	4.6352	.0172	50 8 39.7	4.364	.658	.6	3	50 12214
4069	8.2	50 42.11	4.7427	.0191	52 1 1.4	4.398	.673	.6	3	52 8888
4070	6.2	51 34.91	4.5754	.0168	49 4 34.0	4.473	.648	.6	3	49 12417
4071	8.9	18 51 36.59	+4.6879	-0.0186	-51 6 42.0	+ 4.475	+0.664	.6	3	51 11834
4072	7.8	51 43.69	5.5276	.0161	48 9 37.6	4.485	.641	.6	3	48 12799
4073	8.8	51 53.06	4.6210	.0176	49 55 48.8	4.499	.654	.6	3	50 12226
4074	9.0	51 59.14	4.5817	.0171	49 12 21.4	4.507	.649	.6	3	49 12418
4075	8.4	52 14.04	4.5017	.0159	47 39 50.3	4.528	.637	.6	4	47 12623
4076	8.0	18 52 17.65	+4.4923	-0.0158	-47 28 33.5	+ 4.533	+0.636	.6	3	47 12624
4077	8.2	53 0.74	4.4592	.0155	46 49 22.4	4.595	.631	.6	3	46 12720
4078	9.0	53 1.08	4.6933	.0192	51 14 44.3	4.595	.664	.6	3	51 11846
4079	8.8	53 44.46	4.6750	.0192	50 56 49.8	4.657	.661	.6	3	51 11852
4080	6.5	53 57.69	4.5466	.0172	48 35 38.5	4.676	.642	.6	3	48 12816
4081	9.0	18 54 17.13	+4.5988	-0.0182	-49 35 28.4	+ 4.703	+0.650	.6	3	49 12440
4082	8.7	54 22.45	4.6448	.0190	50 25 53.2	4.711	.656	.6	3	50 12258
4083	8.4	54 41.96	4.6978	.0200	51 22 18.7	4.738	.663	.6	3	51 11859
4084	7.5	54 56.12	4.4856	.0165	47 25 10.6	4.758	.633	.6	3	47 12648
4085	7.7	54 59.72	4.5854	.0182	49 21 46.5	4.763	.647	.6	4	49 12446
4086	9.0	18 55 2.52	+4.5949	-0.0183	-49 32 29.1	+ 4.767	+0.648	.6	3	49 12447
4087	8.4	55 9.78	4.4614	.0162	46 56 3.8	4.778	.630	.6	3	47 12651
4088	8.5	55 12.05	4.6164	.0188	49 56 32.3	4.781	.651	.6	3	50 12263
4089	8.4	55 14.17	4.5486	.0178	48 40 17.6	4.784	.642	.6	3	48 12836
4090	6.8	55 43.91	4.5325	.0175	48 22 30.0	4.826	.639	.6	4	48 12843
4091	8.0	18 55 57.05	+4.4700	-0.0166	-47 8 6.3	+ 4.844	+0.630	.6	3	47 12663
4092	8.0	56 14.56	4.6329	.0194	50 16 27.4	4.869	.653	.6	3	50 12274
4093	8.8	56 24.78	4.7162	.0210	51 44 16.9	4.884	.665	.6	3	51 11874
4094	7.8	57 40.98	4.5133	.0179	48 3 31.4	4.991	.635	.6	3	48 12862
4095	8.0	58 2.34	4.5841	.0192	49 26 1.5	5.022	.645	.6	4	49 12467
4096	8.7	18 58 3.24	+4.7208	-0.0217	-51 52 1.0	+ 5.023	+0.664	.6	3	51 11887
4097	8.0	58 20.27	4.4668	.0173	47 8 37.6	5.047	.628	.6	3	47 12692
4098	7.8	58 26.22	4.6367	.0204	50 24 40.6	5.055	.652	.6	3	50 12292
4099	8.8	58 44.86	4.5499	.0187	48 48 24.2	5.082	.639	.6	3	48 12866
4100	8.3	58 52.63	4.4605	.0175	47 5 55.3	5.092	.627	.6	3-4	47 12696

4052 p 22\* \* 7.3 1'3 S. 4060 s 7\* \* 7.4 0'6 N. 4062 p 7\* \* 7.2 0'6 S. 4064 =  $\alpha$  2' S.

Nº	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	Nº Obs.	Cord.
4101	6.8	18 <sup>h</sup> 58 <sup>m</sup> 53 <sup>s</sup> .71	+4.6753	-0.0212	-51° 6' 42".7	+ 5".094	+0".657	.6	3	51° 11893
4102	8.9	59 36.43	4.5985	.0201	49 45 7.6	5.154	.646	.6	3	49 12481
4103	7.2	59 45.42	4.5323	.0190	48 30 1.5	5.167	.636	.6	3	48 12876
4104*	8.6	59 48.44	4.6352	.0208	50 25 47.4	5.171	.651	.6	3	50 12308
4105	8.4	59 56.58	4.4889	.0182	47 38 45.2	5.183	.630	.6	4	47 12710
4106	9.0	19 0 0.50	+4.5447	-0.0192	-48 44 56.4	+ 5.188	+0.638	.6	3	48 12878
4107	8.7	0 33.59	4.6739	.0218	51 8 27.1	5.235	.656	.6	3	51 11910
4108	9.0	0 41.20	4.5824	.0202	49 29 14.3	5.245	.642	.6	3	49 12489
4109	7.5	1 33.37	4.6937	.0226	51 31 2.8	5.319	.658	.6	3	51 11917
4110	5.8	1 54.09	4.6310	.0215	50 25 22.6	5.348	.648	.6	3-4	50 12326
4111	8.2	19 1 56.23	+4.5597	-0.0202	-49 6 6.9	+ 5.351	+0.638	.6	3	49 12498
4112	8.6	1 56.52	4.7231	.0234	52 1 55.2	5.351	.661	.6	3	52 8972
4113	6.8	2 1.74	4.5232	.0196	48 23 57.7	5.359	.633	.6	3	48 12901
4114	7.8	2 31.19	4.4839	.0190	47 38 2.0	5.400	.627	.6	3	47 12735
4115	9.0	3 27.41	4.5734	.0210	49 24 48.4	5.479	.639	.6	4	49 12511
4116	9.0	19 4 7.28	+4.7006	-0.0238	-51 43 25.7	+5.535	+0.656	.6	3	51 11938
4117	8.9	4 38.17	4.6515	.0230	50 53 8.2	5.578	.649	.6	3	50 12351
4118	8.5	4 55.38	4.5374	.0205	48 46 41.8	5.602	.634	.6	3	48 12931
4119	8.8	5 2.85	4.6052	.0222	50 3 44.9	5.613	.642	.6	3	50 12355
4120	8.9	5 14.76	4.5703	.0216	49 25 8.6	5.629	.637	.6	3	49 12530
4121	8.9	19 5 26.19	+4.6325	-0.0229	-50 34 30.5	+ 5.645	+0.646	.6	3	50 12358
4122*	8.9	5 43.07	4.6238	.0229	50 25 39.6	5.669	.644	.6	3	50 12360
4123*	8.0	5 50.31	4.6246	.0229	50 26 48.8	5.679	.644	.6	3	50 12361
4124	9.0	6 2.23	4.5409	.0213	48 53 7.0	5.696	.632	.6	3	48 12942
4125	9.0	6 13.91	4.6946	.0225	49 54 37.8	5.712	.640	.6	3	50 12364
4126	8.8	19 6 20.39	+4.7158	-0.0250	-52 3 41.2	+ 5.721	+0.656	.6	3	52 9003
4127	8.0	6 21.13	4.4811	.0204	47 42 48.7	5.722	.624	.6	3	47 12774
4128	7.9	6 52.60	4.4448	.0197	46 59 18.3	5.766	.618	.6	3	47 12780
4129	8.0	7 6.47	4.6168	.0232	50 21 6.0	5.785	.642	.6	3	50 12368
4130	8.4	7 6.82	4.5674	.0222	49 25 57.9	5.786	.635	.6	3	49 12547
4131*	8.9	19 7 11.54	+4.7056	-0.0252	-51 55 12.8	+ 5.792	+0.654	.6	3	52 9008
4132*	7.4	7 18.75	4.7050	.0252	51 54 49.6	5.803	.654	.6	3	52 9009
4133	6.4	7 45.29	4.6289	.0238	50 35 41.5	5.840	.643	.6	3	50 12377
4134	7.6	7 55.61	4.4562	.0203	47 15 49.3	5.854	.619	.6	3	47 12784
4135	8.5	8 1.06	4.5965	.0232	50 0 44.5	5.862	.638	.6	4	50 12379
4136	8.0	19 8 21.55	+4.4473	-0.0203	-47 5 47.2	+ 5.890	+0.617	.6	3	47 12789
4137	8.9	8 30.50	4.5559	.0225	49 16 2.1	5.903	.632	.6	3	49 12553
4138	8.3	8 30.67	4.6882	.0253	51 40 8.7	5.903	.651	.6	3	51 11982
4139	8.0	8 31.49	4.6453	.0244	50 55 0.8	5.904	.645	.6	3	51 11983
4140	9.0	8 33.12	4.5169	.0217	48 30 45.3	5.906	.627	.6	3	48 12964
4141	8.7	19 8 51.28	+4.4534	-0.0206	-47 14 30.5	+ 5.932	+0.618	.6	3	47 12793
4142*	8.6	9 5.46	4.4637	.0208	47 27 50.5	5.951	.619	.6	3	47 12795
4143*	8.5	9 5.73	4.4640	.0208	47 28 7.5	5.952	.619	.6	3	47 12796
4144	8.4	9 42.08	4.4475	.0207	47 9 11.3	6.002	.616	.6	3	47 12800
4145	7.4	10 5.76	4.5427	.0228	49 4 31.3	6.035	.629	.6	4	49 12562
4146	7.4	19 10 22.69	+4.4870	-0.0217	-47 59 15.8	+ 6.059	+0.621	.6	3	48 12976
4147	8.6	11 24.69	4.5147	.0226	48 34 48.8	6.145	.624	.6	3	48 12983
4148	8.7	11 34.42	4.5532	.0236	49 20 5.8	6.158	.629	.6	3	49 12575
4149	8.3	11 47.57	4.5934	.0245	50 6 4.6	6.177	.634	.6	3	50 12407
4150	7.6	11 56.36	4.5222	.0230	48 44 57.0	6.189	.624	.6	2	48 12988

4104 p 35° \* 9.3 =  $\delta$ . 4122 s 8° \* 8.4 1' S. 4123 p 8° \* 8.9 1' N. 4131 s 7° \* 7.1 0.7 N. 4132 p 7° \* 8.3 0.7 S.  
4142 s 0.4° \* 8.4 0.4 S. 4143 p 4° \* 8.5 0.4 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4151	8.9	19 <sup>b</sup> 12 <sup>m</sup> 22 <sup>s</sup> 28	+4.6763	-0.0266	-51° 36' 46".2	+ 6".225	+0.645	.6	3	51° 12014
4152	8.8	12 29.21	4.5720	.0243	49 43 43.4	6.234	.631	.6	3	49 12582
4153	8.9	12 36.79	4.5638	.0241	49 34 39.0	6.245	.630	.6	3	49 12584
4154	8.0	12 37.69	4.5431	.0237	49 10 57.2	6.246	.627	.6	3	49 12585
4155	8.0	13 8.82	4.4929	.0228	48 13 3.4	6.289	.619	.6	4	48 13003
4156	6.8	19 13 10.74	+4.4427	-0.0217	-47 11 29.3	+ 6.292	+0.612	.6	3	47 12828
4157	8.9	13 23.75	4.4569	.0221	47 29 40.6	6.310	.614	.6	3	47 12829
4158	8.9	13 24.79	4.5710	.0246	49 44 48.6	6.311	.630	.6	3	49 12593
4159	8.4	14 16.77	4.5068	.0235	48 32 30.2	6.383	.620	.6	3	48 13014
4160	6.5	14 33.80	4.6757	.0274	51 41 28.6	6.407	.643	.6	3	51 12029
4161	8.6	19 14 40.24	+4.6067	-0.0264	-50 27 44.1	+ 6.415	+0.633	.6	3	50 12429
4162	8.9	16 4.39	4.5215	.0244	48 54 21.6	6.532	.620	.6	3	49 12620
4163	7.1	17 35.46	4.6493	.0279	51 21 18.5	6.657	.636	.6	3	51 12054
4164	7.8	17 38.24	4.6253	.0274	50 55 38.7	6.661	.633	.6	3	51 12055
4165	8.8	18 6.10	4.5936	.0268	50 22 3.6	6.699	.628	.6	3	50 12451
4166	8.9	19 18 13.40	+4.5830	-0.0266	-50 10 29.1	+ 6.709	+0.627	.6	3	50 12453
4167	8.9	18 20.68	4.6173	.0275	50 48 44.4	6.719	.631	.6	3	50 12454
4168	7.9	19 39.63	4.6763	.0295	51 55 3.0	6.827	.638	.6	3	52 9094
4169	8.2	19 57.62	4.4784	.0248	48 13 9.7	6.852	.611	.6	3	48 13067
4170	7.5	20 9.09	4.6359	.0287	51 13 40.6	6.868	.632	.6	3	51 12077
4171	7.7	19 20 21.23	+4.4466	-0.0242	-47 35 4.5	+ 6.884	+0.606	.6	3	47 12886
4172*	9.1	20 56.93	4.4056	.0234	46 44 42.6	6.933	.600	.6	3	46 12998
4173	7.5	21 1.37	4.5654	.0272	49 58 12.6	6.939	.622	.6	3	50 12478
4174	9.0	22 14.47	4.6511	.0299	51 35 33.4	7.039	.632	.6	3	51 12095
4175	8.0	22 26.01	4.4938	.0260	48 38 31.5	7.055	.610	.6	3	48 13087
4176	9.1	19 23 16.00	+4.5013	-0.0265	-48 49 48.1	+ 7.123	+0.610	.6	3	48 13095
4177	8.7	23 36.00	4.4601	.0256	48 0 52.3	7.150	.604	.6	3	48 13097
4178*	8.8	23 39.16	4.5616	.0281	50 1 10.7	7.155	.618	.6	3	50 12504
4179*	9.0	24 7.27	4.5596	.0282	50 0 15.8	7.193	.617	.6	3	50 12509
4180	8.6	24 28.52	4.4646	.0258	47 56 35.8	7.222	.603	.6	3	48 13101
4181	8.1	19 24 37.29	+4.4906	-0.0267	-48 40 52.3	+ 7.234	+0.608	.6	3	48 13104
4182	8.5	24 39.95	4.5732	.0288	50 17 9.2	7.237	.619	.6	3	50 12516
4183	9.0	24 54.83	4.5301	.0278	49 28 28.0	7.258	.612	.6	3	49 12686
4184	8.4	24 58.42	4.5788	.0291	50 24 17.5	7.262	.619	.6	3	50 12519
4185	8.0	25 3.46	4.4852	.0267	48 35 35.3	7.269	.606	.6	3	48 13108
4186	9.0	19 25 28.32	+4.5578	-0.0287	-50 2 4.4	+ 7.303	+0.616	.6	2-3	50 12526
4187	8.9	25 40.95	4.4825	.0269	48 34 14.9	7.320	.605	.6	3	48 13117
4188	8.8	27 57.71	4.5582	.0293	50 9 47.2	7.506	.612	.6	3	50 12543
4189	7.5	28 6.98	4.3973	.0255	46 54 49.2	7.518	.591	.6	3	47 12956
4190	8.8	28 18.79	4.4896	.0279	48 50 36.9	7.534	.603	.6	3	48 13142
4191	8.8	19 29 3.19	+4.5943	-0.0310	-50 53 35.8	+ 7.594	+0.617	.5	3	51 12147
4192	7.8	29 16.14	4.5836	.0308	50 42 21.4	7.611	.615	.6	3	50 12554
4193	8.2	29 17.92	4.4859	.0282	48 49 5.4	7.614	.602	.6	3	48 13153
4194	8.6	29 44.29	4.5146	.0291	49 24 42.7	7.649	.605	.6	3	49 12727
4195	8.0	29 48.42	4.5358	.0297	49 49 35.5	7.655	.608	.6	3	49 12728
4196	9.0	19 29 50.40	+4.5948	-0.0313	-50 56 31.1	+ 7.658	+0.616	.6	3	51 12152
4197*	8.5	30 7.14	4.5579	.0304	50 16 0.7	7.680	.610	.6	3	50 12563
4198	5.0	30 23.89	4.4547	.0278	48 14 27.8	7.703	.596	.6	3	48 13161
4199	9.0	30 26.28	4.4328	.0272	47 47 15.5	7.706	.593	.6	3	47 12978
4200*	8.3	30 40.79	4.5570	.0306	50 16 40.2	7.725	.610	.6	3	50 12568

4172 p 2° \* 1'5 S. 4178 s 28° \* 8.8 1' N. 4179 p 28° \* 8.6 1' S. 4197 s 34° \* 8.3 0'6 S. 4200 p 34° \* 7.9 0'6 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4201*	9.0	19 <sup>n</sup> 31 <sup>m</sup> 24 <sup>s</sup> 13	+4.4436	-0.0278	-48° 3' 45.3	+ 7.784	+0.594	.5	3	48° 13171
4202	8.9	31 49.49	4.6048	.0324	51 13 36.7	7.818	.616	.5	3	51 12168
4203	8.8	31 52.34	4.5365	.0305	49 56 48.0	7.822	.606	.6	3	50 12576
4204	8.6	31 53.95	4.3936	.0266	47 1 38.7	7.824	.586	.6	3	47 12992
4205	8.4	32 34.05	4.4218	.0276	47 40 4.5	7.877	.589	.6	3	47 13000
4206	7.6	19 33 5.08	+4.4488	-0.0285	-48 15 36.1	+ 7.919	+0.592	.6	3	48 13189
4207	9.0	33 6.99	4.5762	.0321	50 45 55.5	7.922	.609	.6	3	50 12586
4208	9.0	33 14.67	4.5673	.0319	50 36 23.6	7.932	.608	.6	3	50 12588
4209	8.7	33 42.30	4.4426	.0285	48 9 47.4	7.969	.591	.6	3	48 13194
4210	8.9	34 6.83	4.4176	.0280	47 39 42.3	8.002	.587	.6	3-4	47 13012
4211	8.4	19 34 8.00	+4.4561	-0.0290	-48 27 59.6	+ 8.003	+0.592	.6	3	48 13195
4212	8.9	34 55.48	4.5157	.0310	49 42 19.6	8.067	.599	.6	3	49 12765
4213	7.6	35 8.44	4.5353	.0316	50 5 53.8	8.084	.602	.6	3	50 12607
4214*	8.0	35 40.96	4.6196	.0344	51 41 58.2	8.127	.612	.6	3	51 12195
4215	9.0	36 2.03	4.6319	.0349	51 56 20.3	8.155	.613	.6	3	52 9203
4216*	8.0	19 36 11.52	+3.6169	-0.0345	-51 40 38.7	+ 8.168	+0.611	.6	3	51 12198
4217	9.0	36 14.74	4.6282	.0348	51 53 1.0	8.172	.613	.6	3	52 9204
4218	9.0	36 33.32	4.6296	.0350	51 55 32.6	8.197	.612	.6	3	52 9208
4219	8.8	36 46.76	4.4762	.0303	48 49 6.2	8.215	.590	.6	3	48 13214
4220	7.5	37 25.22	4.5574	.0332	50 38 40.3	8.266	.602	.6	3	50 12626
4221	7.6	19 37 37.27	+4.5661	-0.0335	-50 49 14.8	+ 8.282	+0.603	.6	3	50 12629
4222*	8.6	38 0.67	4.4403	.0299	48 21 17.8	8.313	.585	.6	3	48 13228
4223	9.0	38 10.40	4.5081	.0320	49 44 7.0	8.326	.594	.6	3	49 12797
4224	8.0	38 32.09	4.5377	.0330	50 19 55.0	8.355	.598	.6	3	50 12638
4225	7.9	38 33.59	4.5782	.0342	51 5 59.9	8.357	.603	.6	3	51 12209
4226*	8.1	19 38 35.31	+4.4389	-0.0301	-48 21 30.4	+ 8.359	+0.584	.6	3	48 13231
4227	8.9	38 57.30	4.3658	.0282	46 48 35.8	8.388	.574	.6	3	46 13174
4228	8.5	40 20.32	4.4102	.0298	47 51 16.8	8.498	.579	.5	3	47 13067
4229	8.9	40 29.44	4.4274	.0304	48 13 35.5	8.510	.581	.6	3	48 13243
4230	8.7	40 30.66	4.5681	.0347	51 1 16.0	8.512	.599	.6	3	51 13222
4231	7.6	19 40 38.38	+4.5222	-0.0333	-50 9 9.8	+ 8.522	+0.593	.6	3	50 12655
4232	8.9	40 39.07	4.4312	.0306	48 18 56.0	8.523	.581	.6	3	48 13245
4233	8.8	40 43.52	4.5648	.0347	50 58 19.6	8.529	.598	.6	3	51 12223
4234	8.7	40 49.72	4.4694	.0318	49 6 53.8	8.537	.586	.6	3	49 12827
4235	9.1	40 51.54	4.3875	.0294	47 23 46.3	8.539	.575	.6	3	47 13073
4236	8.9	19 40 55.79	+4.5928	-0.0353	-51 30 12.1	+ 8.545	+0.602	.6	3	51 12226
4237	9.0	42 37.40	4.4260	.0311	48 19 18.6	8.600	.578	.6	4	48 13264
4238	8.3	43 55.90	4.4887	.0335	49 41 12.9	8.782	.584	.6	3	49 12853
4239	9.0	44 12.73	4.4171	.0314	48 13 49.0	8.804	.575	.6	3	48 13278
4240	9.0	44 52.68	4.5377	.0354	50 42 4.0	8.856	.590	.6	3	50 12688
4241	9.0	19 45 0.72	+4.5523	-0.0359	-50 59 16.4	+ 8.866	+0.591	.6	3	51 12246
4242	9.1	45 4.85	4.6036	.0377	51 56 36.0	8.872	.598	.6	3-4	52 9258
4243	7.7	45 13.86	4.5400	.0356	50 45 58.9	8.884	.589	.6	3	50 12691
4244	9.1	45 18.96	4.5702	.0366	51 20 33.7	8.890	.593	.6	3	51 12249
4245	6.0	45 29.19	4.3897	.0308	47 43 16.4	8.904	.569	.6	3	47 13103
4246	6.9	19 46 47.24	+4.5548	-0.0368	-51 8 35.6	+ 9.005	+0.589	.6	3	51 12259
4247	8.4	47 16.49	4.3531	.0304	47 1 39.8	9.043	.562	.6	3	47 13121
4248	9.0	47 18.04	4.5674	.0373	51 24 39.7	9.045	.590	.6	4	51 12262
4249	9.0	57 43.14	4.4849	.0348	49 50 36.0	9.078	.579	.6	3	49 12880
4250	9.0	48 27.78	4.4238	.0330	48 38 14.1	9.136	.570	.6	3	48 13312

4201 s 2° 1' 5" S. 4214 s 31° \* 8.1 1' 4" N. 4216 p 31° \* 7.7 1' 4" S. 4222 s 34° \* 8.1 0' 2" S. 4226 p 34° \* 8.8 0' 2" N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4251	8.6	19 <sup>b</sup> 48 <sup>m</sup> 38 <sup>s</sup> .40	+4 <sup>h</sup> 47 <sup>m</sup> 22 <sup>s</sup>	-0 <sup>h</sup> 03 <sup>m</sup> 46 <sup>s</sup>	-49 <sup>o</sup> 38' 42 <sup>''</sup> .5	+ 9 <sup>h</sup> 15 <sup>m</sup> 0 <sup>s</sup>	+0 <sup>h</sup> 57 <sup>m</sup> 6 <sup>s</sup>	.6	3	49 <sup>o</sup> 12887
4252	8.4	49 23.53	4.4692	.0348	49 37 52.9	9.208	.575	.6	3	49 12894
4253	9.0	49 33.47	4.5446	.0374	51 7 18.9	9.221	.584	.6	3	51 12279
4254	9.3	49 54.85	4.3302	.0306	46 40 49.8	9.249	.556	.6	3	46 13282
4255	9.0	50 2.06	4.5889	.0391	51 58 47.4	9.258	.589	.6	3	52 9297
4256	7.7	19 50 28.74	+4.3410	-0.0311	-46 57 47.4	+ 9.293	+0.557	.6	3	47 13147
4257	8.0	50 34.49	4.4087	.0333	48 27 10.3	9.300	.565	.6	3	48 13331
4258	9.0	51 38.43	4.3803	.0327	47 54 37.5	9.383	.560	.6	3	48 13343
4259	9.0	51 47.56	4.4765	.0360	49 56 7.9	9.394	.572	.6	3	50 12736
4260	8.6	51 57.24	4.4690	.0358	49 47 36.9	9.407	.571	.6	3	49 12916
4261	9.1	19 52 22.67	+4.3267	-0.0312	-46 45 51.5	+ 9.440	+0.552	.6	3	46 13303
4262*	8.9	52 26.52	4.3329	.0314	46 54 29.0	9.444	.553	.6	3	47 13165
4263*	9.0	52 33.30	4.3343	.0315	46 56 53.0	9.453	.553	.6	3	47 13166
4264	8.8	52 41.53	4.5603	.0392	51 37 16.4	9.464	.582	.6	3	51 12300
4265	8.9	53 18.99	4.3936	.0337	48 18 32.5	9.512	.560	.6	3	48 13359
4266	7.6	19 54 54.00	+4.5218	-0.0388	-51 1 59.1	+ 9.634	+0.574	.6	3	51 12320
4267	8.0	54 56.87	4.4929	.0377	50 28 19.2	9.637	.570	.6	3	50 12761
4268	8.9	55 11.46	4.4274	.0355	49 9 11.4	9.656	.562	.6	3	49 12944
4269	8.9	55 13.05	4.3903	.0343	48 22 2.7	9.658	.557	.6	3	48 13374
4270	6.8	55 17.00	4.4879	.0377	50 23 41.1	9.663	.569	.6	3	50 12763
4271	7.8	19 55 24.86	+4.4158	-0.0352	-48 55 33.2	+ 9.673	+0.560	.6	3	49 12946
4272	8.9	55 31.30	4.3347	.0325	47 9 29.7	9.681	.549	.6	3	47 13190
4273	6.9	55 37.64	4.4440	.0362	49 31 44.5	9.689	.563	.6	3	49 12949
4274	7.5	55 51.27	4.4558	.0368	49 47 14.4	9.707	.564	.6	3	49 12950
4275	7.1	56 42.96	4.3496	.0334	47 34 37.0	9.773	.549	.6	3	47 13199
4276	8.8	19 57 17.46	+4.4694	-0.0378	-50 9 41.6	+ 9.817	+0.564	.6	3	50 12778
4277*	8.6	57 42.72	4.4712	.0380	50 13 37.5	9.849	.564	.6	3	50 12780
4278	8.8	59 1.01	4.3243	.0330	47 10 0.3	9.948	.543	.6	3	47 13223
4279	9.0	59 9.80	4.5254	.0405	51 23 44.4	9.959	.568	.6	3	51 12355
4280	9.0	59 27.97	4.4046	.0362	48 58 10.3	9.982	.552	.6	3	49 12973
4281	9.2	19 59 35.69	+4.5001	-0.0397	-50 55 56.8	+ 9.992	+0.564	.6	3	51 12362
4282	9.0	59 46.84	4.5507	.0417	51 55 11.0	10.006	.570	.6	3	52 9369
4283	9.0	59 59.35	4.4492	.0380	49 56 20.9	10.022	.557	.7	3	50 12800
4284	8.8	20 0 2.75	4.3737	.0353	48 20 40.7	10.026	.548	.7	3	48 13404
4285	8.9	0 26.85	4.5030	.0402	51 3 1.6	10.056	.564	.7	3	51 12370
4286	9.0	20 0 29.06	+4.3420	-0.0344	-47 40 21.3	+10.059	+0.543	.7	3	47 13234
4287	9.0	1 9.16	3.3351	.0343	47 33 52.5	10.110	.541	.7	3	47 13236
4288	8.2	1 46.46	4.4886	.0401	50 51 43.5	10.157	.560	.6	3	51 12378
4289	9.0	1 55.34	4.4403	.0388	49 53 38.4	10.168	.554	.6	3	50 12807
4290	8.4	2 5.51	4.4824	.0400	50 45 35.9	10.180	.558	.7	3	50 12810
4291	8.9	20 2 25.74	+4.5260	-0.0418	-51 38 16.2	+10.206	+0.564	.7	3	51 12382
4292	9.0	2 40.97	4.5385	.0424	51 53 40.6	10.225	.545	.7	3	52 9384
4293	8.8	2 51.49	4.3064	.0339	47 2 6.0	10.238	.535	.7	3	47 13246
4294	8.0	2 54.85	4.3869	.0368	48 50 20.3	10.242	.545	.6	3	49 12999
4295	8.2	3 26.91	4.3191	.0345	47 22 14.1	10.282	.536	.7	3	47 13249
4296	8.9	20 3 39.73	+4.5173	-0.0419	-51 33 35.7	+10.298	+0.561	.6	3	51 12396
4297	8.3	3 48.95	4.3345	.0352	47 44 56.5	10.310	.538	.7	3	47 13254
4298	9.0	4 12.24	4.4024	.0378	49 16 4.2	10.339	.545	.7	3	49 13005
4299	9.0	4 13.42	4.3777	.0369	48 44 15.5	10.341	.542	.7	3	48 13440
4300	6.6	4 23.97	4.3111	.0346	47 15 24.6	10.354	.534	.6	3	47 13262

4262 s 6° \* 8.9 2' S. 4263 p 6° \* 9.0 2' N. 4277 s 3° =  $\delta$ .



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4301	7.9	20 <sup>b</sup> 4 <sup>m</sup> 42 <sup>s</sup> .29	+4.3146	-0.0348	-47°21'38".8	+10.377	+0.534	.6	3	47°13'26.5
4302	7.7	4 55.21	4.5307	.0430	51 54 29.7	10.393	.560	.7	3	52 9394
4303	9.0	5 33.05	4.4320	.0394	49 59 29.1	10.440	.547	.6	3	50 12838
4304	8.9	5 35.75	4.3188	.0352	47 31 25.4	10.443	.533	.7	4	47 13270
4305	8.0	6 0.47	4.2916	.0344	46 55 35.6	10.474	.529	.7	3	47 13275
4306	8.8	20 6 21.01	+4.3963	-0.0384	-49 17 53.3	+10.500	+0.541	.7	3	49 13018
4307	9.0	6 40.71	4.3617	.0372	48 34 19.8	10.524	.537	.7	3	48 13449
4308	8.2	7 13.03	4.4712	.0416	50 54 58.3	10.564	.550	.7	3	51 12425
4309	9.0	7 13.60	4.3022	.0351	47 16 0.1	10.565	.529	.6	3	47 13283
4310	7.7	7 54.72	4.4483	.0409	50 30 19.8	10.616	.546	.6	3	50 12857
4311	8.5	20 8 35.02	+4.3530	-0.0375	-48 31 33.5	+10.665	+0.533	.7	4	48 13463
4312	7.5	8 51.88	4.3246	.0365	47 54 30.8	10.686	.529	.7	3	48 13464
4313	8.2	9 6.66	4.4444	.0412	50 31 2.0	10.705	.543	.7	3	50 12868
4314	8.8	9 8.06	4.3958	.0393	49 30 7.9	10.706	.537	.7	3	49 13041
4315	8.7	12 48.18	4.4420	.0425	50 45 35.9	10.975	.538	.7	3	50 12896
4316	7.4	20 13 28.11	+4.3582	-0.0394	-49 1 55.3	+11.024	+0.526	.6	3	49 13058
4317	8.4	13 29.87	4.4653	.0438	51 17 19.5	11.026	.539	.7	3	51 12473
4318	7.6	13 51.54	4.4851	.0448	51 42 46.2	11.052	.541	.7	3	51 12475
4319	8.6	14 3.68	4.3452	.0391	48 47 26.8	11.067	.524	.7	3	48 13507
4320	8.9	14 7.92	4.3637	.0398	49 12 21.4	11.072	.526	.7	3	49 13061
4321	6.5	20 14 16.63	+4.3058	-0.0376	-47 54 49.8	+11.083	+0.518	.7	3	48 13509
4322	6.8	14 37.86	4.2988	.0374	47 46 50.2	11.109	.517	.6	3	47 13340
4323	8.6	15 13.77	4.4871	.0454	51 51 44.9	11.152	.539	.6	3	52 5457
4324	8.9	15 49.67	4.3702	.0404	49 29 14.6	11.196	.524	.7	3	49 13070
4325	7.9	16 16.62	4.4026	.0422	50 13 21.5	11.228	.527	.7	3	50 12923
4326	7.8	20 16 53.45	+4.4366	-0.0439	-50 58 55.8	+11.272	+0.530	.7	3	51 12495
4327	6.6	16 58.23	4.3989	.0423	50 12 6.1	11.278	.525	.7	3	50 12929
4328	9.1	17 5.41	4.4444	.0443	51 9 32.6	11.287	.530	.6	3	51 12498
4329	8.2	17 33.80	4.3711	.0414	49 39 16.1	11.321	.521	.7	3	49 13079
4330	7.5	17 54.62	4.3435	.0404	49 4 24.5	11.346	.517	.6	3	49 13082
4331	8.2	20 18 3.11	+4.4183	-0.0436	-50 42 4.9	+11.356	+0.526	.7	3	50 12939
4332	9.0	18 47.38	4.4491	.0452	51 23 52.2	11.409	.528	.7	3	51 12513
4333*	9.1	18 52.46	4.3822	.0423	50 0 16.1	11.416	.520	.7	3	50 12943
4334	7.8	19 1.10	4.4310	.0445	51 2 48.5	11.426	.526	.7	3	51 12515
4335	9.1	19 13.74	4.4764	.0465	51 58 57.6	11.441	.531	.6	3	52 9482
4336	8.7	20 19 21.07	+4.3099	-0.0394	-48 26 15.5	+11.450	+0.511	.6	3	48 13543
4337	8.7	19 21.75	4.4734	.0464	51 56 1.9	11.451	.530	.7	3	52 9483
4338	8.1	19 53.39	4.3827	.0427	50 6 12.7	11.488	.519	.7	3	50 12952
4339	8.0	19 53.47	4.3117	.0398	48 31 28.1	11.489	.510	.7	3	48 13546
4340	8.5	20 40.18	4.3780	.0428	50 4 12.9	11.544	.517	.7	3	50 12959
4341	7.7	20 21 29.90	+4.2362	-0.0372	-46 52 19.3	+11.603	+0.499	.7	3	47 13399
4342*	8.8	22 0.12	4.2886	.0395	48 10 28.6	11.639	.504	.6	3	48 13557
4343*	9.0	22 4.27	4.2888	.0396	48 11 3.0	11.644	.504	.7	3	48 13558
4344	7.9	22 24.84	4.2576	.0384	47 28 23.2	11.669	.500	.6	3	47 13402
4345	7.8	22 31.42	4.3140	.0407	48 48 26.4	11.676	.506	.7	3	49 13104
4346	9.0	20 22 51.22	+4.3145	-0.0409	-48 51 0.4	+11.700	+0.506	.7	3	49 13105
4347	8.4	22 58.16	4.3647	.0431	49 58 53.2	11.708	.511	.7	3	50 12975
4348*	9.0	23 2.43	4.3053	.0406	48 39 18.8	11.713	.504	.7	3	48 13563
4349	8.8	23 12.13	4.4542	.0472	51 52 45.1	11.725	.522	.6	3	52 9510
4350	9.0	23 25.49	4.2398	.0380	47 7 57.6	11.740	.496	.6	3	47 13411

4333 s 4' 1" N. 4342 s 5' \* 9.8 0'6 S. 4343 p 4' \* 8.5 0'6 N. 4348 s 27' \* 8.8 2' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4351*	8.8	20 <sup>h</sup> 23 <sup>m</sup> 29 <sup>s</sup> .51	+4.3020	-0.0406	-48° 37' 8".0	+11.745	+0.503	.6	3	48° 13' 56.8
4352	7.7	23 30.66	4.3106	.0410	48 49 5.2	11.747	.504	.7	3	49 13 11.0
4353	9.0	23 52.96	4.3124	.0412	48 53 32.8	11.773	.504	.7	2	49 13 11.1
4354	7.8	24 17.25	4.4212	.0461	51 18 4.9	11.802	.516	.7	3	51 12 55.9
4355	8.8	24 44.03	4.3583	.0435	49 59 57.7	11.833	.508	.7	3	50 12 99.1
4356	9.0	20 25 39.25	+4.3392	-0.0429	-49 39 31.5	+11.898	+0.504	.6	3	49 13 12.0
4357	7.7	27 15.79	4.3663	.0447	50 24 15.0	12.011	.504	.7	3	50 13 02.0
4358	8.8	27 39.82	4.3167	.0427	49 20 9.8	12.039	.498	.6	3	49 13 13.3
4359	8.0	28 1.92	4.2360	.0393	47 27 47.7	12.065	.488	.7	3	47 13 44.0
4360	7.9	28 11.46	4.2995	.0421	48 59 28.9	12.076	.495	.7	3	49 13 13.9
4361	8.3	20 29 5.10	+4.2048	-0.0383	-46 47 8.4	+12.138	+0.483	.7	3	46 13 59.9
4362	8.8	29 23.29	4.3497	.0448	50 14 15.3	12.159	.499	.7	3	50 13 02.9
4363	8.6	30 36.42	4.3327	.0445	49 58 31.7	12.244	.495	.6	3	50 13 03.8
4364	7.8	30 45.15	4.3582	.0457	50 33 13.3	12.254	.497	.7	3	50 13 04.4
4365	7.5	31 27.94	4.3814	.0471	51 7 18.4	12.303	.499	.6	3	51 12 61.9
4366	7.5	20 33 0.16	+4.2190	-0.0402	-47 31 10.6	+12.409	+0.478	.7	3	47 13 47.7
4367	7.8	33 21.68	4.2691	.0426	48 46 21.8	12.434	.483	.7	3	48 13 62.7
4368	7.5	33 29.28	4.3598	.0468	50 50 59.1	12.442	.493	.7	3	51 12 63.3
4369	8.3	34 24.87	4.2983	.0443	49 33 37.0	12.506	.484	.7	3	49 13 17.8
4370	8.6	34 37.03	4.3562	.0471	50 52 50.4	12.520	.491	.6	3	51 12 64.7
4371	8.0	20 35 31.29	+4.3788	-0.0486	-51 27 32.3	+12.581	+0.492	.7	3	51 12 65.9
4372	7.0	35 50.93	4.1894	.0393	47 3 24.1	12.604	.469	.6	3	47 13 49.6
4373	9.1	36 14.03	4.3251	.0462	50 21 4.7	12.632	.484	.7	3	50 13 08.4
4374	8.9	37 5.67	4.3012	.0454	49 53 44.2	12.688	.480	.7	3	50 13 08.9
4375	8.7	37 13.76	4.2754	.0442	49 18 32.6	12.697	.477	.7	3	49 13 19.3
4376	8.6	20 37 14.41	+4.2271	-0.0420	-48 8 41.2	+12.698	+0.472	.7	3	48 13 65.0
4377	7.8	37 20.95	4.3265	.0467	50 29 39.3	12.705	.482	.6	3	50 13 09.3
4378	8.0	37 26.60	4.2622	.0437	49 0 56.1	12.712	.475	.7	3	49 13 19.4
4379	6.8	37 33.87	4.1663	.0393	46 37 57.7	12.720	.463	.6	3	46 13 66.2
4380	8.9	38 1.87	4.2444	.0430	48 38 53.2	12.751	.472	.7	3-4	48 13 65.5
4381	8.3	20 38 18.20	+4.3319	-0.0473	-50 42 44.5	+12.770	+0.481	.7	3	50 13 09.9
4382	9.0	38 31.74	4.3091	.0463	50 13 15.8	12.785	.478	.7	3	50 13 10.2
4383*	7.2	40 17.38	4.3233	.0477	50 43 23.9	12.903	.477	.7	3	50 13 11.4
4384*	7.5	40 28.35	4.3234	.0478	50 44 32.5	12.916	.476	.6	3	50 13 11.5
4385	8.6	40 37.48	4.1883	.0413	47 31 8.1	12.926	.461	.7	3	47 13 53.4
4386	6.7	20 41 29.70	+4.2527	-0.0447	-49 12 27.1	+12.984	+0.467	.6	3	49 13 21.7
4387	7.6	41 46.33	4.3308	.0486	51 2 34.2	13.002	.475	.7	3	51 12 69.9
4388	7.8	42 42.67	4.3148	.0482	50 47 1.6	13.065	.472	.7	3	50 13 13.2
4389	7.5	42 45.05	4.1753	.0414	47 24 41.6	13.067	.456	.7	3	47 13 55.7
4390	9.1	43 45.21	4.2842	.0471	50 11 28.2	13.134	.466	.7	3	50 13 13.9
4391	7.9	20 43 57.15	+4.2296	-0.0444	-48 54 35.6	+13.147	+0.460	.7	3	49 13 22.9
4392	9.0	44 0.39	4.3073	.0483	50 44 58.7	13.150	.468	.6	3	50 13 14.1
4393	7.3	44 34.85	4.2309	.0447	49 0 28.2	13.188	.459	.6	3	49 13 23.2
4394	7.9	44 42.04	4.2085	.0436	48 27 57.0	13.196	.456	.7	3	48 13 68.6
4395	8.0	44 46.83	4.1471	.0407	46 53 20.9	13.201	.449	.7	3	47 13 57.3
4396	8.6	20 44 59.81	+4.1524	-0.0410	-47 3 14.0	+13.216	+0.449	.7	3	47 13 57.5
4397	8.0	45 45.04	4.2179	.0445	48 48 54.0	13.265	.455	.7	3	49 13 23.5
4398	7.5	46 45.08	4.3006	.0491	50 53 36.0	13.331	.462	.6	3	51 12 73.2
4399	6.0	46 48.68	4.3431	.0513	51 51 5.7	13.335	.467	.7	3	52 9 66.4
4400	7.8	48 0.51	4.1954	.0442	48 30 0.0	13.412	.449	.6	3	48 13 70.6

4351 p 27° \* 9.0 2' S. 4383 s 11° \* 7.2 1' S. 4384 p 11° \* 7.2 1' N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4401	9.0	20 <sup>h</sup> 48 <sup>m</sup> 15 <sup>s</sup> .86	+4.2879	-0.0490	-50° 46' 23.3	+13.429	+0.458	.7	3	50° 13161
4402	7.2	48 40.95	4.1300	.0412	46 51 49.0	13.456	.440	.7	3	47 13609
4403	8.0	48 51.04	4.2371	.0466	49 37 41.8	13.467	.452	.7	3	49 13251
4404	6.3	49 57.16	4.2887	.0497	50 58 26.7	13.538	.455	.7	3	51 12748
4405	7.5	50 21.42	4.1223	.0414	46 50 44.7	13.564	.436	.6	3	47 13618
4406	8.9	20 51 30.77	+4.2514	-0.0483	-50 16 30.2	+13.639	+0.448	.7	3	50 13179
4407	7.9	52 19.33	4.1926	.0455	48 55 16.7	13.691	.441	.6	3	49 13268
4408	9.2	52 26.09	4.2678	.0496	50 46 5.7	13.698	.450	.7	3	50 13181
4409	8.8	53 0.20	4.1875	.0455	48 52 13.9	13.734	.439	.7	3	49 13272
4410	9.0	53 27.60	4.1050	.0410	46 43 52.2	13.763	.429	.7	3	46 13771
4411	8.2	20 53 37.27	+4.1684	-0.0447	-48 26 59.8	+13.773	+0.436	.7	3	48 13728
4412	9.0	55 21.60	4.1204	.0429	47 22 46.2	13.883	.427	.6	3	47 13652
4413	6.0	55 44.59	4.2836	.0518	51 31 17.1	13.908	.444	.7	3	51 12778
4414	7.0	56 49.94	4.1987	.0475	49 36 23.2	13.976	.433	.6	3	49 13298
4415	9.0	57 31.19	4.2238	.0491	50 18 37.4	14.019	.434	.7	3	50 13213
4416	8.2	20 57 57.08	+4.2196	-0.0491	-50 15 35.8	+14.046	+0.433	.7	3	50 13214
4417	7.0	59 39.90	4.2288	.0502	50 41 35.9	14.152	.430	.7	3	50 13225
4418	7.8	59 40.25	4.1320	.0450	48 13 7.5	14.153	.420	.7	2	48 13768
4419	7.4	21 0 1.73	4.2621	.0523	51 31 59.3	14.175	.433	.6	3	51 12801
4420	8.0	1 17.42	4.0723	.0422	46 45 59.4	14.253	.414	.7	3	47 13682
4421	7.2	21 1 48.65	+4.1432	-0.0463	-48 47 9.5	+14.285	+0.418	.6	3	49 13321
4422	8.8	2 46.03	4.1556	.0473	49 13 55.1	14.343	.417	.7	3	49 13329
4423	8.6	2 46.13	4.1627	.0477	49 25 2.6	14.343	.418	.7	3	49 13328
4424	8.6	3 0.74	4.2265	.0514	51 3 6.6	14.359	.424	.7	3	51 12818
4425	9.0	3 2.49	4.2444	.0525	51 29 9.4	14.360	.426	.7	3	51 12819
4426	6.8	21 3 24.72	+4.1513	-0.0473	-49 12 5.4	+14.383	+0.415	.6	3	49 13335
4427	7.3	3 37.64	4.0616	.0425	46 45 19.0	14.396	.406	.7	3	46 13845
4428	8.6	3 44.01	4.1124	.0453	48 12 0.1	14.402	.413	.6	3	48 13788
4429	9.0	4 31.77	4.2138	.0513	50 56 0.1	14.451	.420	.7	3	51 12830
4430	8.4	4 48.72	4.0658	.0431	47 1 54.0	14.469	.404	.7	3	47 13708
4431	7.7	21 5 9.07	+4.2204	-0.0521	-51 10 25.4	+14.488	+0.419	.7	3	51 12836
4432*	9.0	5 39.74	4.1370	.0474	49 6 47.0	14.519	.410	.7	3	49 13357
4433*	8.6	5 40.11	4.1367	.0474	49 6 18.1	14.519	.410	.6	3	49 13358
4434	8.1	6 1.76	4.1156	.0463	48 35 1.7	14.541	.407	.7	3	48 13805
4435	8.9	6 28.11	4.1080	.0460	48 25 56.5	14.568	.405	.6	3	48 13809
4436	8.7	21 7 11.12	+4.1268	-0.0474	-49 2 22.1	+14.611	+0.408	.7	3	49 13367
4437	8.3	7 24.76	4.2148	.0526	51 19 45.3	14.624	.414	.7	3	51 12851
4438	9.0	7 32.54	4.0896	.0454	48 3 54.0	14.632	.401	.7	3	48 13815
4439	9.0	8 1.49	4.0913	.0456	48 10 32.5	14.661	.400	.7	3	48 13818
4440	7.5	8 13.33	4.2291	.0538	51 46 50.3	14.673	.414	.6	3	52 9787
4441	8.6	21 8 17.96	+4.2342	-0.0541	-51 54 54.6	+14.677	+0.414	.7	3	52 9788
4442	8.0	8 58.71	4.1565	.0497	50 3 47.6	14.718	.405	.6	3	50 13271
4443	7.3	9 5.46	4.0736	.0450	47 49 7.8	14.724	.397	.7	3	48 13825
4444	8.0	9 8.89	4.1868	.0516	50 51 43.4	14.728	.408	.7	3	51 12863
4445*	8.5	9 15.56	4.1994	.0524	51 11 32.0	14.734	.409	.7	3	51 12866
4446	7.0	21 10 35.17	+4.1221	-0.0483	-49 22 1.9	+14.813	+0.399	.7	3	49 13387
4447	8.8	11 1.72	4.1936	.0532	51 16 57.0	14.839	.405	.6	3	51 12876
4448	8.9	11 36.71	4.1646	.0512	50 37 35.4	14.873	.401	.7	3	50 13284
4449	8.0	11 38.33	4.1718	.0517	50 48 56.9	14.874	.401	.6	3	51 12878
4450	8.8	11 43.85	4.1258	.0490	49 37 19.8	14.880	.397	.7	3	49 13401

4432 s 1° \* 8.7 o'4 N. 4433 p 1° \* 9.0 o'4 S. 4445 p 25° \* 1'5 S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4451*	9.0	21 <sup>h</sup> 12 <sup>m</sup> 13. <sup>s</sup> 94	+4. <sup>s</sup> 2017	-0. <sup>s</sup> 0538	-51° 38' 45".6	+14".909	+0".403	.7	2	51° 12881
4452	7.5	12 17.47	4.1461	.0504	50 14 15.8	14.913	.398	.7	3	50 13289
4453	8.9	12 52.27	4.0965	.0477	48 58 45.2	14.947	.392	.7	3	49 13408
4454	8.9	12 57.24	4.0734	.0464	48 20 29.6	14.951	.389	.6	3	48 13848
4455	8.8	13 7.03	4.0368	.0443	47 18 14.0	14.961	.385	.7	3	47 13751
4456	8.6	21 13 9.36	+4.1467	-0.0508	-50 22 25.5	+14.963	+0.396	.6	3	50 13295
4457	7.5	13 27.48	4.0939	.0478	48 59 21.9	14.981	.390	.7	3	49 13412
4458	9.0	13 59.30	4.1452	.0510	50 26 53.7	15.012	.394	.7	3	50 13300
4459	7.1	14 5.47	4.0312	.0443	47 16 29.0	15.018	.383	.7	3	47 13758
4460	9.0	14 26.13	4.1818	.0535	51 27 7.5	15.037	.397	.7	3	51 12891
4461*	9.0	21 14 32.25	+4.1630	-0.0524	-50 59 9.9	+15.043	+0.395	.6	3	51 12893
4462	7.3	14 45.74	4.1200	.0498	49 53 9.1	15.056	.390	.7	3	50 13306
4463	7.8	14 57.85	4.1111	.0493	49 40 21.6	15.068	.389	.6	3	49 13423
4464	7.8	14 59.50	4.0288	.0445	47 19 41.8	15.070	.381	.7	3	47 13762
4465	7.0	15 19.95	4.1419	.0513	50 32 54.4	15.089	.391	.7	3	50 13311
4466	8.1	21 15 34.16	+4.1924	-0.0546	-51 52 21.5	+15.103	+0.395	.7	3	52 9830
4467	8.2	15 44.44	4.0860	.0481	49 5 19.1	15.113	.385	.7	3	49 13426
4468	9.0	16 0.37	4.0321	.0450	47 34 23.2	15.128	.379	.6	3	47 13769
4469	8.3	16 47.25	4.1243	.0509	50 17 11.8	15.173	.386	.7	3	50 13324
4470	6.2	16 49.68	4.1212	.0507	50 12 42.1	15.175	.386	.6	3	50 13325
4471	9.0	21 16 55.33	+4.1292	-0.0512	-50 26 15.6	+15.180	+0.387	.7	3	50 13326
4472*	9.0	17 14.09	4.1169	.0506	50 9 7.1	15.198	.385	.7	3	50 13330
4473	8.3	17 25.21	4.0768	.0482	49 4 20.3	15.209	.381	.7	3	49 13435
4474	7.5	17 32.16	4.1267	.0513	50 27 34.4	15.215	.385	.7	3	50 13333
4475	7.3	17 41.17	4.1619	.0536	51 24 3.8	15.224	.388	.6	3	51 12914
4476	7.1	21 18 22.27	+4.0601	-0.0476	-48 43 56.5	+15.263	+0.377	.7	3	48 13877
4477	5.8	20 1.99	3.9905	.0440	46 53 37.8	15.357	.367	.6	3	47 13796
4478	8.6	20 16.25	4.0758	.0492	49 27 28.6	15.350	.375	.7	3	49 13458
4479	7.8	21 23.45	3.9875	.0442	47 0 9.2	15.433	.364	.7	3	47 13804
4480	8.7	21 39.07	4.1389	.0538	51 22 48.3	15.447	.378	.7	3	51 12934
4481	8.6	21 22 6.02	+3.9925	-0.0448	-47 16 1.2	+15.472	+0.363	.7	3	47 13810
4482	7.7	22 49.60	4.1336	.0539	51 24 53.7	15.513	.375	.6	3	51 12940
4483	8.6	23 23.00	3.9825	.0446	47 8 53.6	15.543	.360	.7	3	47 13817
4484	8.8	23 25.51	4.0622	.0496	49 32 45.1	15.546	.367	.6	3	49 13478
4485	9.0	24 5.74	4.1120	.0530	51 1 40.8	15.583	.370	.7	3	51 12948
4486	8.9	21 24 17.06	+4.0174	-0.0471	-48 21 40.1	+15.593	+0.361	.7	3	48 13909
4487	9.0	24 33.91	4.0619	.0500	49 42 32.4	15.608	.365	.7	3	49 13487
4488*	7.2	24 49.02	4.0923	.0520	50 36 2.6	15.622	.367	.7	3	50 13370
4489	8.9	24 52.48	4.1211	.0540	51 23 27.4	15.625	.369	.6	3	51 12954
4490*	7.6	25 17.40	4.0906	.0521	50 37 36.2	15.648	.366	.7	3	50 13373
4491	9.0	21 26 21.91	+4.0543	-0.0502	-49 46 5.5	+15.707	+0.361	.6	3	50 13379
4492	8.7	26 37.29	4.1016	.0534	51 7 55.8	15.721	.364	.7	3	51 12963
4493	8.6	26 45.68	4.0576	.0506	49 55 31.9	15.728	.360	.7	3	50 13382
4494	8.7	26 54.50	4.1164	.0545	51 34 30.5	15.736	.365	.7	3	51 12966
4495	8.6	27 8.19	4.0720	.0516	50 23 41.8	15.748	.361	.7	3	50 13384
4496	8.4	21 27 8.80	+4.0605	-0.0510	-50 4 11.0	+15.749	+0.360	.6	3	50 13385
4497	8.0	27 54.79	4.0245	.0489	49 8 24.2	15.790	.355	.7	3	49 13506
4498	8.9	28 1.91	3.9713	.0456	47 31 14.2	15.797	.350	.6	3	47 13840
4499	9.0	28 42.52	3.9804	.0464	47 54 57.5	15.833	.349	.7	3	48 13930
4500	8.7	29 10.29	4.0346	.0500	49 38 15.4	15.858	.353	.7	3	49 13513

4451 =  $\alpha$  \* 7.2 0'5 S. 4461 p 2' \* =  $\delta$ . 4472 p 1' 1' N. 4488 s 29' \* 7.6 1'3 S. 4490 p 29' \* 7.4 1'3 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4501	8.5	21 <sup>b</sup> 29 <sup>m</sup> 13 <sup>s</sup> .73	+4.0223	-0.0492	-49° 16' 59".1	+15.861	+0.352	.7	3	49° 13515
4502	8.9	29 31.84	4.0732	.0527	50 48 10.0	15.877	.356	.7	3	51 12977
4503	7.0	29 45.87	3.9434	.0444	46 53 55.6	15.890	.343	.6	3	47 13854
4504	9.0	30 19.44	4.0029	.0484	48 52 28.8	15.919	.348	.7	3	49 13522
4505	8.0	30 33.08	4.0422	.0511	50 4 51.0	15.932	.351	.6	3	50 13411
4506	9.0	21 31 52.26	+3.9745	-0.0471	-48 14 45.3	+16.001	+0.342	.7	3	48 13942
4507	7.7	32 14.18	4.0896	.0550	51 41 30.9	16.021	.352	.7	3	51 12999
4508	7.5	32 14.88	4.0694	.0536	51 7 59.7	16.021	.350	.7	3	51 12998
4509	9.0	32 31.30	3.9477	.0456	47 29 28.7	16.036	.338	.7	3	47 13868
4510	9.1	32 38.60	4.0846	.0548	51 37 19.9	16.042	.350	.6	3	51 13000
4511	8.1	21 33 22.39	+4.0108	-0.0500	-49 36 48.6	+16.080	+0.342	.7	3	49 13536
4512	7.0	35 16.76	4.0778	.0555	51 51 59.4	16.179	.344	.6	3	52 9942
4513	9.0	35 19.68	3.9074	.0440	46 36 57.9	16.182	.329	.7	3	46 14029
4514	8.0	35 29.22	4.0385	.0529	50 47 7.4	16.190	.340	.7	3	51 13015
4515	9.0	35 40.03	3.9861	.0494	49 14 26.7	16.199	.335	.7	3	49 13558
4516	8.5	21 36 25.08	+3.9746	-0.0489	-49 0 38.2	+16.238	+0.333	.7	3	49 13560
4517	9.0	37 15.63	3.9517	.0476	48 25 27.2	16.281	.329	.6	3	48 13974
4518	7.6	38 1.61	4.0105	.0520	50 23 25.3	16.320	.333	.7	3	50 13446
4519	8.8	38 25.82	4.0386	.0542	51 17 21.5	16.340	.334	.6	3	51 13039
4520	8.9	38 49.10	3.9452	.0478	48 29 11.1	16.360	.325	.7	3	48 13982
4521	8.6	21 39 15.43	+3.9636	-0.0492	-49 9 9.9	+16.382	+0.326	.7	3	49 13583
4522	8.3	40 8.87	3.9417	.0481	48 36 22.3	16.427	.322	.7	3	48 13990
4523	8.2	40 25.30	3.9565	.0492	49 7 57.7	16.441	.323	.7	3	49 13587
4524	8.4	40 52.88	4.0057	.0529	50 44 39.7	16.464	.326	.6	3	51 13052
4525	6.6	41 0.86	3.9742	.0507	49 47 56.2	16.470	.323	.7	3	50 13463
4526	9.0	21 41 4.58	+3.9030	-0.0458	-47 28 26.2	+16.473	+0.317	.6	3	47 13913
4527	9.1	41 6.38	3.8822	.0444	46 45 15.9	16.475	.315	.7	3	47 13914
4528	7.9	42 1.70	3.9047	.0466	47 42 11.5	16.521	.315	.7	3	47 13920
4529	7.4	42 41.15	3.8724	.0443	46 41 24.4	16.553	.311	.7	3	46 14065
4530	8.5	43 38.95	3.9621	.0509	49 53 28.7	16.600	.317	.7	3	50 13478
4531	6.5	21 44 2.62	+3.8911	-0.0461	-47 36 0.4	+16.620	+0.310	.6	3	47 13928
4532	8.6	44 10.40	3.9361	.0492	49 8 56.5	16.626	.314	.7	3	49 13618
4533	6.4	44 21.94	3.9032	.0470	48 4 40.2	16.635	.310	.6	3	48 14013
4534	7.4	44 38.14	4.0142	.0551	51 40 4.2	16.649	.319	.7	3	51 13070
4535	8.4	44 50.54	3.8752	.0452	47 11 13.2	16.659	.307	.7	3	47 13934
4536	8.9	21 44 58.67	+3.9890	-0.0534	-50 58 20.1	+16.665	+0.316	.7	3	51 13074
4537	8.0	45 11.91	3.9387	.0499	49 25 16.9	16.676	.312	.7	3	49 13628
4538	9.0	45 12.34	3.9044	.0474	48 16 26.5	16.676	.309	.6	3	48 14016
4539	7.0	45 34.93	3.8637	.0447	46 54 48.4	16.695	.304	.7	3	47 13941
4540	6.7	45 49.67	3.8938	.0469	48 1 42.8	16.706	.307	.6	3	48 14024
4541	9.0	21 46 9.71	+3.9940	-0.0543	-51 20 29.4	+16.723	+0.314	.7	3	51 13079
4542	9.1	47 18.81	3.9722	.0532	50 53 8.0	16.778	.310	.7	3	51 13087
4543	8.5	47 26.00	3.8879	.0471	48 7 26.3	16.784	.303	.7	3	48 14031
4544	8.7	48 14.62	3.9356	.0509	49 53 33.2	16.822	.305	.7	3	50 13504
4545	9.0	48 43.84	3.8785	.0470	48 2 27.3	16.845	.299	.6	3	48 14038
4546	7.8	21 49 9.80	+3.8511	-0.0452	-47 8 20.9	+16.866	+0.296	.7	3	47 13963
4547	8.6	49 29.51	3.9159	.0499	49 28 44.8	16.881	.301	.6	3	49 13649
4548	9.1	51 37.42	3.8984	.0496	49 17 53.5	16.981	.295	.7	3	49 13659
4549	7.8	51 47.35	3.8398	.0454	47 14 6.6	16.989	.290	.7	3	47 13978
4550	7.5	52 8.67	3.9694	.0552	51 43 15.2	17.005	.299	.7	3	52 10030

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4551	8.1	21 <sup>h</sup> 52 <sup>m</sup> 39 <sup>s</sup> .59	+3.8233	-0.0445	-46°47'18".0	+17.029	+0.287	.7	3	47°13982
4552	8.9	52 43.14	3.8651	.0475	48 20 50.2	17.032	.290	.6	3	48 14065
4553	7.6	52 54.73	3.9116	.0511	50 0 12.1	17.041	.293	.7	3	50 13533
4554	8.7	53 16.58	3.8298	.0452	47 9 41.5	17.058	.286	.6	3	47 13989
4555	8.6	53 31.66	3.8833	.0492	49 9 17.1	17.069	.289	.7	3	49 13670
4556	9.0	21 53 41.87	+3.8462	-0.0465	-47 51 25.1	+17.077	+0.286	.7	3	48 14069
4557	8.8	54 49.79	3.8292	.0457	47 27 6.6	17.129	.285	.7	3	47 13999
4558	8.5	54 56.90	3.8790	.0495	49 17 35.2	17.134	.289	.7	3	49 13680
4559	7.7	55 14.05	3.8062	.0442	46 39 15.4	17.147	.280	.6	3	46 14147
4560	9.0	55 35.99	3.9120	.0523	50 33 22.7	17.166	.287	.7	3	50 13547
4561	8.0	21 55 58.89	+3.8366	-0.0467	-47 58 7.1	+17.181	+0.281	.6	3	48 14077
4562	8.8	56 17.01	3.8387	.0470	48 6 35.5	17.194	.280	.8	3	48 14078
4563	8.0	56 17.84	3.9458	.0553	51 48 16.8	17.195	.288	.7	3	52 10049
4564	8.6	56 33.61	3.9276	.0536	51 16 6.3	17.207	.287	.7	3	51 13139
4565	8.5	56 47.38	3.8204	.0458	47 31 30.7	17.217	.278	.7	3	47 14019
4566	7.4	21 56 57.59	+3.8258	-0.0463	-47 46 2.9	+17.226	+0.278	.6	3	48 14084
4567	8.7	57 14.05	3.8352	.0471	48 10 43.0	17.237	.278	.7	3	48 14087
4568	8.9	57 28.65	3.8256	.0465	47 52 7.3	17.248	.277	.6	3	48 14089
4569	7.8	58 12.88	3.8109	.0456	47 27 33.1	17.280	.274	.7	3	47 14028
4570	8.0	58 22.12	3.9262	.0547	51 35 45.0	17.287	.282	.7	3	51 13146
4571	8.9	21 58 23.86	+3.8237	-0.0467	-47 59 23.5	+17.289	+0.275	.7	3	48 14099
4572	7.6	58 54.40	3.8940	.0524	50 37 50.7	17.311	.279	.7	2	50 13566
4573	8.4	59 4.07	3.8049	.0455	47 24 30.5	17.318	.272	.6	3	47 14032
4574	9.0	59 6.73	3.8355	.0479	48 35 1.6	17.320	.274	.7	3	48 14101
4575	8.0	22 1 17.81	3.8349	.0487	49 2 2.7	17.416	.269	.7	4	49 13717
4576	8.0	22 1 57.34	+3.8575	-0.0508	-50 0 8.7	+17.444	+0.269	.7	3	50 13582
4577	9.0	1 57.53	3.8105	.0471	48 15 8.1	17.444	.266	.7	3	48 14119
4578	9.0	2 12.67	3.7760	.0445	46 56 23.6	17.455	.263	.8	3	47 14051
4579	8.8	2 14.99	3.8232	.0482	48 48 2.4	17.457	.267	.8	3	49 13721
4580	8.8	3 58.39	3.8200	.0487	49 3 40.3	17.531	.262	.8	3	49 13734
4581	8.0	22 4 7.96	+3.8559	-0.0517	-50 25 26.5	+17.537	+0.265	.7	3	50 13594
4582	1.9	4 8.67	3.7737	.0451	47 16 35.2	17.538	.259	.7	4	47 14063
4583	9.0	5 39.62	3.7998	.0478	48 39 47.0	17.601	.258	.7	3	48 14142
4584	7.3	5 51.75	3.7926	.0473	48 25 34.4	17.610	.257	.8	3	48 14143
4585	9.0	6 5.16	3.7781	.0463	47 53 55.7	17.619	.256	.8	3	48 14146
4586	9.0	22 6 42.05	+3.8078	-0.0489	-49 12 38.8	+17.645	+0.256	.8	3	49 13750
4587	9.2	6 57.06	3.7698	.0460	47 45 30.6	17.655	.253	.7	3-4	48 14148
4588	8.8	7 57.39	3.7820	.0474	48 29 17.7	17.697	.254	.7	3	48 14152
4589	8.7	8 7.28	3.8207	.0506	50 1 52.6	17.703	.254	.7	3	50 13604
4590	9.0	8 20.96	3.7830	.0476	48 37 1.5	17.713	.251	.8	3	48 14155
4591	8.0	22 8 29.99	+3.7938	-0.0486	-49 5 1.1	+17.719	+0.251	.8	3	49 13763
4592	8.9	8 43.61	3.7379	.0441	46 50 18.6	17.728	.247	.8	3	47 14097
4593	7.6	8 54.55	3.7988	.0491	49 22 31.7	17.736	.251	.7	4	49 13764
4594	8.5	9 44.29	3.7376	.0445	47 3 55.8	17.769	.245	.7	3	47 14103
4595	9.0	11 9.90	3.7248	.0440	46 51 9.4	17.826	.241	.8	3	47 14118
4596	8.5	22 11 9.90	+3.7763	-0.0483	-49 1 2.5	+17.826	+0.244	.7	3	49 13781
4597	8.9	11 17.57	3.7298	.0445	47 6 6.2	17.831	.241	.8	3	47 14119
4598	8.7	11 51.64	3.8401	.0540	51 37 40.6	17.853	.247	.8	3	51 13223
4599	8.8	12 53.50	3.7313	.0453	47 33 30.8	17.894	.237	.8	3	47 14128
4600	8.2	13 7.90	3.7621	.0480	48 55 0.2	17.904	.239	.7	4	49 13790

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4601	8.9	22 <sup>h</sup> 13 <sup>m</sup> 14.89	+3.7986	-0.0511	-50° 24' 16.4	+17.908	+0.241	.7	3	50° 13630
4602	8.4	13 34.53	3.7608	.0480	48 58 24.9	17.921	.238	.7	3	49 13794
4603	8.1	13 41.67	3.8021	.0517	50 39 0.3	17.926	.240	.8	3	50 13635
4604	8.8	14 6.63	3.7463	.0471	48 30 1.8	17.942	.236	.8	3	48 14176
4605	8.5	14 33.33	3.7859	.0507	50 13 52.4	17.959	.237	.7	4	50 13640
4606	8.8	22 15 6.89	+3.7371	-0.0467	-48 21 38.9	+17.981	+0.233	.7	3	48 14181
4607	8.0	15 21.21	3.7051	.0441	47 0 43.2	17.990	.231	.7	3	47 14141
4608	8.6	15 48.46	3.7320	.0466	48 19 10.0	18.008	.231	.8	3	48 14183
4609	8.9	16 16.17	3.8059	.0533	51 26 7.4	18.025	.235	.8	3	51 13241
4610	9.0	16 24.09	3.7970	.0525	51 7 27.0	18.030	.234	.8	3	51 13243
4611	8.5	22 17 18.74	+3.7989	-0.0532	-51 25 45.7	+18.065	+0.232	.7	4	51 13246
4612	9.1	17 59.69	3.7437	.0486	49 22 43.0	18.091	.227	.7	3	49 13822
4613	8.5	18 27.28	3.6872	.0439	46 59 43.6	18.108	.223	.7	3	47 14166
4614	8.7	18 29.82	3.7831	.0524	51 7 1.8	18.110	.228	.8	3	51 13248
4615	9.0	18 32.33	3.7352	.0481	49 9 35.4	18.111	.226	.8	3	49 13823
4616*	8.6	22 19 25.55	+3.6809	-0.0438	-46 57 27.2	+18.144	+0.220	.8	3	47 14170
4617*	7.3	19 26.22	3.6817	.0439	46 59 51.5	18.145	.220	.7	5	47 14171
4618	8.0	19 44.23	3.7664	.0515	50 46 18.2	18.156	.225	.7	3	51 13253
4619	7.3	20 20.85	3.7249	.0480	49 11 21.5	18.178	.221	.7	3	49 13832
4620	7.9	20 26.30	3.7233	.0480	49 8 42.7	18.182	.221	.8	3	49 13833
4621	7.5	22 21 12.19	+3.7807	-0.0536	-51 43 38.4	+18.210	+0.222	.8	3	52 10166
4622	8.3	21 14.72	3.6679	.0434	46 49 34.6	18.211	.216	.8	3	47 14190
4623	8.3	21 17.55	3.6904	.0454	47 53 59.0	18.213	.217	.7	3-4	48 14204
4624	7.8	21 43.92	3.7388	.0500	50 9 22.9	18.229	.219	.7	3	50 13671
4625	7.6	23 21.69	3.7177	.0488	49 41 30.2	18.288	.214	.7	3	49 13852
4626	8.8	22 23 34.47	+3.7586	-0.0527	-51 28 45.2	+18.260	+0.216	.8	3	51 13276
4627	8.9	24 8.89	3.7603	.0533	51 42 16.7	18.316	.215	.8	3	52 10181
4628	8.3	24 49.77	3.6806	.0462	48 25 3.9	18.340	.209	.8	3	48 14219
4629*	8.1	25 25.08	3.6860	.0470	48 50 21.2	18.361	.207	.7	1	49 13867
4630*	8.4	25 33.69	3.6856	.0470	48 51 43.5	18.366	.207	.7	5	49 13869
4631	7.8	22 25 43.37	+3.7143	-0.0497	-50 11 56.0	+18.371	+0.208	.7	3	50 13694
4632	8.8	26 11.91	3.6405	.0432	46 51 44.9	18.388	.203	.8	3	47 14218
4633	8.4	26 33.24	3.6676	.0458	48 17 39.1	18.400	.204	.8	3	48 14226
4634	8.2	26 50.82	3.6410	.0435	47 4 24.9	18.411	.202	.8	3	47 14222
4635	9.0	27 0.74	3.6723	.0464	48 38 56.3	18.416	.203	.7	3	48 14228
4636	6.8	22 27 1.94	+3.6962	-0.0487	-49 45 49.0	+18.417	+0.205	.7	3	50 13701
4637	7.9	27 3.67	3.7178	.0508	50 43 49.9	18.418	.206	.7	3	51 13301
4638	7.8	27 26.92	3.7277	.0519	51 16 18.7	18.431	.206	.8	3	51 13304
4639	9.0	27 50.91	3.6854	.0481	49 30 29.8	18.445	.203	.8	3	49 13882
4640	7.5	27 52.55	3.6319	.0431	46 54 49.1	18.446	.199	.8	3	47 14229
4641	8.8	22 28 20.38	+3.7080	-0.0505	-50 40 20.2	+18.462	+0.203	.7	3	50 13706
4642	8.6	29 25.08	3.7157	.0518	51 19 20.6	18.498	.201	.7	3	51 13321
4643	7.7	29 36.65	3.7236	.0528	51 43 15.7	18.505	.200	.7	3	52 10207
4644	8.9	29 52.17	3.6860	.0492	50 7 29.3	18.514	.198	.8	3	50 13718
4645	7.9	30 17.79	3.7056	.0514	51 8 22.4	18.528	.198	.8	3	51 13323
4646	8.3	22 30 42.26	+3.6354	-0.0448	-47 56 0.1	+18.541	+0.193	.8	3	48 14247
4647	8.4	31 15.73	3.6813	.0495	50 19 38.7	18.560	.194	.7	3	50 13720
4648	8.4	31 27.40	3.6836	.0498	50 29 33.1	18.566	.194	.7	3	50 13724
4649	8.7	31 27.94	3.6808	.0495	50 22 1.6	18.567	.194	.7	3	50 13725
4650	8.2	31 32.46	3.6925	.0505	50 55 27.7	18.569	.195	.8	3	51 13326

4616 s 1° \* 7.3 2' S. 4617 p 1° \* 8.5 2° N. 4629 s 8° \* 8.1 1' 3 S. 4630 p 8° \* 8.1 1' 3 N.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4651	7.0	22 <sup>b</sup> 32 <sup>m</sup> 43 <sup>s</sup> .22	+3.6372	-0.0459	-48° 38' 35".4	+18.608	+0.189	.8	3	48° 14' 25.7
4652	8.8	32 43.62	3.6018	.0425	46 47 47.7	18.608	.187	.8	3	47 14' 26.4
4653	8.9	33 5.22	3.6253	.0450	48 8 54.1	18.620	.188	.7	3	48 14' 26.1
4654	8.4	33 48.96	3.6663	.0494	50 24 14.8	18.643	.189	.7	3	50 13' 7.2
4655	7.6	34 10.82	3.5980	.0428	47 2 47.4	18.655	.184	.8	3	47 14' 27.3
4656	7.7	22 34 36.12	+3.6330	-0.0465	-49 1 8.0	+18.668	+0.185	.7	3	49 13' 20.0
4657	8.4	34 42.30	3.6136	.0447	48 2 51.7	18.671	.183	.8	3	48 14' 26.6
4658	7.9	35 30.73	3.6680	.0504	51 1 12.4	18.697	.185	.8	3	51 13' 34.2
4659	8.9	35 55.40	3.5874	.0426	47 1 25.4	18.710	.180	.7	3	47 14' 28.9
4660	7.9	36 3.10	3.6061	.0445	48 5 0.3	18.714	.180	.7	3	48 14' 27.1
4661	7.5	22 36 10.87	+3.6412	-0.0481	-49 56 11.0	+18.718	+0.182	.7	3	50 13' 7.0
4662	7.9	37 5.21	3.6740	.0520	51 47 53.7	18.746	.182	.8	3	52 10' 23.7
4663	8.3	37 12.97	3.5964	.0442	47 56 38.7	18.750	.177	.8	3	48 14' 27.7
4664	8.2	38 14.76	3.6007	.0451	48 30 57.4	18.782	.175	.8	3	48 14' 28.4
4665	6.7	38 44.95	3.5800	.0433	47 32 43.2	18.797	.173	.7	3	47 14' 30.7
4666	2.8	22 38 47.65	+3.5741	-0.0427	-47 13 29.0	+18.799	+0.173	.7	3	47 14' 30.8
4667	8.5	39 9.65	3.5873	.0443	48 5 17.3	18.810	.173	.7	3	48 14' 28.9
4668	9.2	41 46.68	3.6419	.0515	51 49 41.9	18.888	.170	.8	3	52 10' 26.0
4669	6.0	41 51.00	3.5504	.0420	46 53 20.7	18.890	.165	.8	3	47 14' 32.0
4670	7.0	42 14.19	3.5904	.0462	49 19 12.9	18.901	.166	.8	3	49 13' 9.5
4671	8.7	22 42 27.07	+3.5647	-0.0435	-47 56 46.5	+18.907	+0.164	.7	3	48 14' 30.4
4672	8.2	42 27.11	3.5785	.0451	48 43 56.7	18.907	.165	.7	3	49 13' 9.5
4673	7.5	42 34.54	3.6012	.0476	50 1 24.5	18.911	.166	.7	3	50 13' 7.8
4674	7.4	42 46.75	3.6262	.0504	51 23 33.4	18.917	.167	.8	3	51 13' 37.9
4675	7.4	42 53.34	3.5508	.0424	47 16 56.2	18.920	.163	.8	3	47 14' 33.1
4676	8.5	22 42 56.66	+3.5740	-0.0449	-48 39 26.0	+18.921	+0.164	.8	3	48 14' 30.6
4677	7.6	44 9.01	3.6259	.0510	51 51 21.9	18.956	.164	.7	3	52 10' 26.9
4678	4.5	44 38.32	3.6186	.0508	51 39 33.0	18.970	.162	.7	3	51 13' 38.9
4679	9.3	45 45.40	3.5609	.0450	48 55 4.9	19.001	.157	.7	4	49 13' 9.7
4680	8.7	48 3.29	3.5174	.0416	47 7 15.9	19.064	.150	.8	3	47 14' 37.1
4681	8.0	22 48 29.92	+3.5272	-0.0429	-47 55 13.7	+19.076	+0.150	.8	3	48 14' 34.4
4682	7.4	48 38.13	3.5331	.0436	48 20 17.0	19.080	.150	.8	3	48 14' 34.5
4683	8.9	49 31.49	3.5024	.0407	46 42 37.8	19.103	.146	.7	3	47 14' 38.0
4684	6.3	49 47.53	3.5356	.0446	48 56 33.7	19.111	.147	.7	3	49 13' 9.8
4685	8.6	51 12.51	3.5092	.0424	47 49 52.6	19.148	.143	.7	4	48 14' 35.4
4686	7.3	22 51 24.33	+3.4959	-0.0410	-47 1 28.4	+19.153	+0.142	.8	3	47 14' 39.2
4687	6.7	51 29.25	3.5232	.0442	48 50 22.9	19.155	.143	.8	3	49 13' 9.7
4688	7.6	51 29.43	3.5227	.0442	48 48 48.7	19.155	.143	.8	3	49 13' 9.6
4689	7.4	51 44.12	3.4888	.0404	46 40 30.7	19.161	.141	.7	3	46 14' 47.4
4690	9.0	51 54.69	3.5293	.0452	49 23 47.6	19.166	.142	.7	3	49 13' 9.9
4691	8.0	22 52 1.49	+3.5231	-0.0445	-49 3 13.8	+19.169	+0.142	.7	3	49 14' 00.2
4692	6.3	53 0.93	3.5054	.0431	48 19 0.1	19.194	.139	.8	4	48 14' 36.4
4693	9.2	54 1.65	3.5548	.0496	51 46 53.0	19.219	.139	.8	3	52 10' 30.7
4694	8.7	54 35.43	3.5400	.0482	51 8 46.9	19.233	.137	.8	3	51 13' 43.7
4695	7.4	54 40.98	3.5449	.0489	51 28 32.3	19.235	.137	.7	3	51 13' 43.8
4696	7.0	22 56 17.96	+3.4640	-0.0402	-46 50 26.1	+19.275	+0.130	.7	3	47 14' 42.2
4697	7.1	57 0.05	3.5022	.0452	49 48 2.3	19.291	.130	.7	3	50 13' 85.1
4698	7.3	57 9.37	3.4936	.0443	49 17 31.6	19.295	.130	.8	3	49 14' 02.6
4699	5.8	57 18.84	3.5235	.0481	51 17 58.2	19.299	.130	.8	3	51 13' 44.6
4700	8.4	57 54.37	3.5277	.0491	51 48 59.1	19.313	.129	.8	3	52 10' 32.6

4687 p 1° \* 6.5 1/2 N. 4688 s 1° \* 6.8 1/2 S.



N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4701	8.8	22 <sup>b</sup> 58 <sup>m</sup> 22.45	+3.4544	—0.0402	—47° 3' 2.8	+19.323	+0.126	.7	3	47° 14433
4702*	8.7	58 23.30	3.5186	.0483	51 27 41.6	19.324	.128	.7	3	51 13452
4703	7.6	58 43.84	3.4943	.0454	50 2 34.7	19.332	.126	.7	3	50 13857
4704	6.5	59 12.17	3.4648	.0420	48 11 53.5	19.343	.124	.8	3	48 14393
4705	8.9	59 22.52	3.4644	.0421	48 14 47.1	19.347	.124	.8	3	48 14396
4706	8.4	22 59 25.44	+3.4665	—0.0424	—48 25 21.0	+19.348	+0.124	.8	3	48 14397
4707	8.3	59 27.32	3.4552	.0410	47 36 14.0	19.348	.123	.8	2	47 14436
4708	8.2	23 0 2.25	3.4968	.0467	50 47 59.6	19.362	.124	.7	3	51 13459
4709*	7.9	0 16.55	3.4360	.0381	46 31 5.8	19.367	.121	.7	3	46 14529
4710	8.8	0 26.15	3.4913	.0463	50 37 1.2	19.371	.123	.8	3	50 13868
4711	8.8	23 1 13.76	+3.5022	—0.0483	—51 42 23.6	+19.388	+0.121	.8	3	52 10340
4712	8.6	1 54.87	3.4480	.0416	48 13 17.7	19.403	.118	.8	3	48 14408
4713	7.8	2 39.14	3.4422	.0414	48 8 12.1	19.419	.116	.7	3	48 14412
4714	9.0	2 55.10	3.4422	.0415	48 15 42.6	19.425	.116	.8	3	48 14414
4715	6.4	3 25.24	3.4616	.0446	49 57 28.3	19.436	.115	.7	3	50 13885
4716*	7.5	23 3 29.04	+3.4764	—0.0466	—51 2 18.6	+19.437	+0.115	.8	3	51 13470
4717*	7.4	3 29.96	3.4762	.0466	51 2 16.7	19.438	.115	.8	3	51 13471
4718	9.0	4 56.73	3.4432	.0432	49 20 48.1	19.468	.111	.8	3	49 14062
4719	8.5	5 6.92	3.4710	.0472	51 28 10.2	19.472	.112	.7	3	51 13480
4720*	8.5	5 43.71	3.4225	.0410	48 6 46.9	19.484	.109	.7	3	48 14432
4721	8.9	23 7 17.98	+3.4534	—0.0465	—51 18 58.4	+19.516	+0.106	.7	4	51 13489
4722	7.0	9 33.64	3.4203	.0436	49 58 20.8	19.560	.101	.8	3	50 13915
4723	8.3	9 52.96	3.4083	.0421	49 9 14.8	19.566	.099	.8	3	49 14089
4724	8.1	9 56.18	3.4120	.0426	49 29 54.5	19.567	.100	.8	3	49 14090
4725	7.6	10 9.99	3.3881	.0394	47 32 53.4	19.572	.098	.7	3	47 14501
4726	8.5	23 11 1.84	+3.3982	—0.0416	—48 55 54.7	+19.588	+0.097	.7	3	49 14096
4727	8.2	11 7.14	3.4024	.0422	49 21 2.2	19.590	.098	.7	4	49 14097
4728	9.0	11 9.05	3.4000	.0419	49 9 39.1	19.590	.098	.8	3	49 14098
4729	8.7	11 23.80	3.3775	.0388	47 16 11.8	19.595	.095	.8	3	47 14507
4730	8.5	11 55.63	3.3920	.0414	48 54 6.8	19.604	.095	.8	3	49 14100
4731	8.6	23 12 33.76	+3.3671	—0.0382	—46 57 57.2	+19.616	+0.093	.7	3	47 14515
4732	8.1	13 17.78	3.4151	.0461	51 40 20.6	19.629	.092	.7	3	51 13522
4733	6.9	14 22.12	3.3714	.0402	48 28 6.1	19.648	.089	.7	3	48 14466
4734	7.0	15 8.29	3.3595	.0391	47 47 27.5	19.661	.087	.8	3	48 14472
4735	8.9	15 16.94	3.3462	.0371	46 31 5.7	19.663	.086	.8	3	46 14609
4736	8.0	23 16 5.85	+3.3428	—0.0372	—46 40 40.9	+19.677	+0.084	.8	3	47 14531
4737	6.7	16 22.47	3.3528	.0390	47 53 45.8	19.682	.084	.7	5	48 14474
4738	9.0	16 56.42	3.3788	.0437	50 46 49.9	19.691	.084	.7	3	51 13538
4739*	9.0	17 10.33	3.3759	.0435	50 39 56.0	19.695	.083	.7	4	50 13947
4740*	6.2	17 11.20	3.3758	.0435	50 39 40.9	19.695	.083	.8	3	50 13948
4741	9.0	23 17 11.64	+3.3377	—0.0373	—46 51 19.0	+19.695	+0.082	.8	3	47 14536
4742	7.9	18 26.06	3.3336	.0377	47 14 25.8	19.715	.079	.8	3	47 14543
4743	8.7	18 55.04	3.3364	.0386	47 52 36.6	19.723	.079	.7	3	48 14482
4744	8.9	19 6.47	3.3527	.0415	49 42 31.0	19.726	.078	.7	3	50 13957
4745	8.5	19 14.67	3.3602	.0429	50 32 48.6	19.728	.078	.8	4-5	50 13959
4746	9.2	23 19 48.10	+3.3391	—0.0398	—48 46 25.9	+19.736	+0.077	.8	3	49 14133
4747	8.9	20 23.20	3.3311	.0390	48 19 3.2	19.745	.075	.8	3	48 14490
4748	8.8	20 53.66	3.3406	.0412	49 42 17.6	19.753	.076	.8	3	50 13967
4749	9.0	23 3.27	3.3171	.0392	48 41 42.0	19.784	.069	.7	3	49 13147
4750	8.3	23 8.99	3.3153	.0389	48 33 17.4	19.785	.069	.7	3	48 14503

4702 p 4<sup>a</sup> =  $\delta$ . 4709 doble tomé prec. 4716 s 1<sup>a</sup> \* 6.2 0.1 N. 4717 p 1<sup>a</sup> \* 7.3 0.1 S. 4720 p 3<sup>a</sup> 1' S.  
 4739 s 1<sup>a</sup> \* 6.2 0.2 N. 4740 p 1<sup>a</sup> \* 9.0 0.2 S.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4751	6.8	23 <sup>h</sup> 23 <sup>m</sup> 33 <sup>s</sup> .22	+3.3298	-0.0421	-50°30'54".8	+19.791	+0.069	.8	4-5	50°13976
4752*	8.0	23 34.53	3.3308	.0422	50 38 13.0	19.791	.068	.8	3	50 13977
4753*	8.4	23 38.41	3.3303	.0422	50 38 11.8	19.792	.068	.8	3	50 13978
4754	7.2	24 15.22	3.3266	.0422	50 42 6.8	19.800	.067	.8	3	51 13570
4755	8.2	24 57.69	3.2918	.0364	47 4 18.4	19.810	.064	.7	3	47 14585
4756	9.0	23 25 8.87	+3.3302	-0.0440	-51 47 40.9	+19.812	+0.065	.7	4	52 10433
4757	6.8	25 31.62	3.2883	.0364	47 4 52.0	19.817	.063	.7	3	47 14589
4758	8.7	25 32.50	3.3235	.0431	51 22 45.2	19.818	.064	.8	3	51 13578
4759	8.7	25 51.86	3.2992	.0388	48 45 29.4	19.822	.063	.8	3	49 14161
4760	8.0	26 47.11	3.2919	.0384	48 36 3.5	19.834	.061	.8	3	48 14523
4761	8.7	23 26 55.57	+3.2859	-0.0374	-47 55 45.1	+19.835	+0.060	.7	3	48 14524
4762	9.0	27 5.98	3.2920	.0388	48 52 50.5	19.838	.060	.7	3	49 14168
4763	8.4	28 20.75	3.2708	.0359	47 4 51.3	19.853	.057	.8	3	47 14600
4764	8.7	28 20.99	3.2797	.0377	48 19 47.6	19.853	.058	.7	3	48 14531
4765	9.0	28 29.10	3.2661	.0351	46 31 5.2	19.855	.057	.8	3	46 14686
4766	9.4	23 28 34.25	+3.2818	-0.0384	-48 49 34.1	+19.856	+0.057	.8	3	49 14174
4767	7.5	28 59.60	3.2914	.0409	50 28 28.6	19.861	.056	.7	3	50 14000
4768	8.2	29 27.34	3.2709	.0372	48 6 5.7	19.866	.055	.7	3	48 14534
4769	8.6	29 56.16	3.2934	.0423	51 23 59.2	19.872	.054	.7	3	51 13599
4770	8.3	30 2.49	3.2680	.0373	48 13 31.0	19.873	.054	.8	3	48 14536
4771	9.0	23 30 27.46	+3.2698	-0.0382	-48 52 50.4	+19.878	+0.053	.8	3	49 14181
4772	8.9	31 7.93	3.2533	.0354	47 2 22.7	19.885	.051	.8	3	47 14620
4773	8.6	31 14.94	3.2615	.0373	48 25 21.4	19.886	.051	.7	3	48 14543
4774	8.4	31 23.51	3.2643	.0382	48 59 24.0	19.888	.051	.7	3	49 14186
4775	8.3	32 3.19	3.2491	.0356	47 17 57.5	19.895	.049	.7	3	47 14628
4776	9.0	23 32 47.29	+3.2477	-0.0362	-47 49 32.4	+19.903	+0.048	.8	3	48 14549
4777	8.7	33 45.26	3.2364	.0348	46 56 32.4	19.913	.046	.8	3	47 14636
4778	9.0	34 7.43	3.2401	.0362	47 59 11.8	19.916	.045	.8	3	48 14552
4779	9.0	35 1.66	3.2365	.0366	48 22 16.2	19.925	.043	.7	3	48 14559
4780*	7.8	35 58.96	3.2229	.0345	46 59 55.1	19.934	.041	.8	3	47 14651
4781	8.0	23 36 13.10	+3.2446	-0.0405	-51 6 54.3	+19.936	+0.041	.8	4	51 13628
4782	9.0	36 24.84	3.2252	.0357	47 56 57.6	19.938	.040	.8	3	48 14564
4783	7.5	36 30.82	3.2232	.0353	47 41 12.4	19.939	.040	.8	3	48 14566
4784	8.7	37 0.28	3.2300	.0379	49 33 21.0	19.943	.039	.8	3	49 14221
4785	7.7	38 9.24	3.2288	.0396	50 47 3.1	19.953	.036	.7	3	51 13645
4786	8.5	23 38 25.80	+3.2175	-0.0369	-49 0 10.4	+19.955	+0.036	.7	3	49 14228
4787	8.8	39 5.50	3.2024	.0336	46 44 25.4	19.960	.034	.8	4	47 14666
4788	6.8	39 38.73	3.1986	.0335	46 40 23.2	19.965	.033	.8	3	47 14668
4789	8.4	40 3.77	3.2200	.0406	51 42 35.9	19.968	.032	.8	3	52 10497
4790	8.9	41 27.69	3.1917	.0345	47 42 16.7	19.978	.029	.8	3	48 14594
4791	—	23 41 31.68	+3.1936	-0.0353	-48 15 50.3	+19.979	+0.029	.7	3	48 14595
4792	8.4	43 4.95	3.1876	.0364	49 19 11.3	19.989	.026	.7	3	49 14244
4793	5.2	43 49.40	3.1877	.0381	50 35 14.6	19.994	.024	.8	4	50 14047
4794	7.6	43 57.30	3.1791	.0352	48 37 59.3	19.995	.024	.8	3	48 14610
4795	9.2	43 57.41	3.1842	.0371	49 58 5.0	19.995	.024	.8	3	50 14048
4796	6.9	23 44 40.99	+3.1842	-0.0388	-51 15 6.2	+19.999	+0.022	.8	3	51 13684
4797	9.0	45 1.98	3.1823	.0390	51 24 39.3	20.001	.022	.7	3	51 13685
4798	6.5	45 22.59	3.1676	.0342	48 0 40.7	20.003	.021	.8	3	48 14613
4799	6.3	45 30.67	3.1642	.0331	47 12 13.4	20.004	.021	.7	3	47 14701
4800	8.2	45 31.54	3.1778	.0386	51 10 13.7	20.004	.021	.8	4	51 13687

4752 s 1° \* 8.8 o'1 N. 4753 p 5° \* 8.2 o'1 S. 4780 doble, tomé sig.

N°	Mag.	$\alpha$ 1935.0	Prec.	Var. Sec.	$\delta$ 1935.0	Prec.	Var. Sec.	1935.0 +	N° Obs.	Cord.
4801	8.4	23 <sup>h</sup> 45 <sup>m</sup> 44 <sup>s</sup> .84	+3.1781	—0.0393	—51°40'46".3	+20.005	+0.020	.8	3	52°10516
4802	8.8	45 50.86	3.1629	.0334	47 29 16.7	20.006	.020	.8	3	47 14704
4803	8.6	46 16.45	3.1632	.0345	48 26 31.1	20.008	.019	.7	3	48 14616
4804	8.5	46 53.74	3.1573	.0336	47 48 54.7	20.011	.018	.7	3	48 14618
4805	6.3	47 11.12	3.1552	.0334	47 44 20.2	20.013	.017	.8	4	48 14620
4806	9.0	23 47 20.69	+3.1640	—0.0379	—50 58 30.0	+20.013	+0.017	.8	3	51 13695
4807	7.1	47 36.42	3.1561	.0351	49 1 14.2	20.015	.016	.8	3	49 14270
4808	8.6	49 3.01	3.1442	.0336	48 7 5.1	20.021	.014	.8	3	48 14627
4809	8.4	49 35.54	3.1378	.0319	46 52 28.0	20.023	.012	.7	3	47 14721
4810	8.0	49 59.25	3.1408	.0349	49 17 50.8	20.025	.012	.7	3	49 14284
4811	7.9	23 50 16.04	+3.1401	—0.0355	—49 47 40.1	+20.026	+0.011	.8	4	50 14071
4812	9.0	50 16.64	3.1358	.0331	47 57 3.5	20.026	.011	.8	3	48 14632
4813	8.8	50 26.03	3.1403	.0363	50 21 43.0	20.026	.011	.8	3	50 14073
4814	8.6	50 29.39	3.1328	.0322	47 11 31.9	20.027	.010	.8	3	47 14726
4815	9.0	50 32.61	3.1353	.0338	48 28 47.5	20.027	.010	.7	3	48 14634
4816	7.4	23 52 0.96	+3.1294	—0.0361	—50 28 32.1	+20.032	+0.008	.7	3	50 14076
4817	7.8	52 13.69	3.1304	.0378	51 44 4.3	20.032	.007	.8	4	52 10537
4818	8.9	52 38.18	3.1212	.0331	48 18 19.8	20.034	.006	.8	3	48 14644
4819	9.2	52 58.59	3.1168	.0314	46 55 54.7	20.034	.005	.8	3	47 14745
4820	7.9	54 25.05	3.1115	.0346	49 45 44.0	20.038	.003	.8	3	50 14088
4821	8.6	23 54 54.03	+3.1090	—0.0355	—50 29 32.3	+20.039	+0.002	.7	3	50 14090
4822	9.0	55 3.11	3.1090	.0365	51 16 13.3	20.039	+ .001	.7	3	51 13726
4823	7.5	56 25.24	3.0991	.0363	51 21 38.0	20.041	— .002	.7	3	51 13735
4824	9.0	56 47.87	3.0962	.0361	51 13 46.1	20.042	.002	.8	3	51 13738
4825	8.9	56 56.42	3.0940	.0340	49 42 51.5	20.042	.002	.8	3	50 14096
4826	7.6	23 57 33.18	+3.0905	—0.0353	—50 48 30.2	+20.043	—0.004	.8	3	51 13741
4827	5.8	57 44.51	3.0882	.0332	49 10 18.0	20.043	.004	.7	3	49 14316
4828	5.6	58 0.04	3.0872	.0351	50 41 58.5	20.043	.005	.7	3	51 13743