OBSERVATORIO ASTRONÓMICO NACIONAL DE TACUBAYA
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DIRECTOR : ING° FÉLIX AGUILAR

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PARA LAS

ÁREAS SELECCIONADAS AUSTRALES

OBSERVADAS POR

HUGO A. MARTÍNEZ

Astrónomo en el Observatorio Astronómico

334

LA PLATA

OBSERVATORIO ASTRONÓMICO

—

1939

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INTRODUCCION

Por indicación del director del Observatorio Astronómico, ingeniero Félix Aguilar, se reobservó las estrellas del programa de las *Areas Seleccionadas Australes* que en 1923 habían sido observadas y cuyos resultados fueron publicados en el tomo XI, primera parte de las *publicaciones* de este Observatorio.

En el intervalo comprendido entre el 31 de marzo de 1937 al 10 de marzo de 1938, se efectuó el total de las observaciones, en este período, que es un tercio del tiempo empleado en el trabajo anterior, se pudo desarrollar todo el trabajo debido a que el observador no tuvo, como anteriormente, que ocuparse de las lecturas de los microscopios.

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

Las ascensiones rectas de todas las estrellas, menos de las circumpolares, fueron observadas siguiéndolas con el micrómetro impersonal Repsold con que está equipado el anteojo. Para las circumpolares se utilizó manipulador, dándose top al paso de la estrella por el hilo móvil que se colocaba en partes simétricas a cada lado de la rotación central; en todos los casos se leyeron 10 contactos.

Para el registro de las ascensiones rectas de las estrellas como del top de reloj, se utilizó el cronógrafo Favarger a plumas fuente. Casi sistemáticamente se empleó el péndulo Riefler N° 325, por excepción el Riefler N° 468, ambos instalados en el sótano del Observatorio y mantenidos a presión y temperatura constantes.

Para las declinaciones el observador hacía dos bisecciones con el tornillo micrométrico, mientras el ayudante leía los cuatro microscopios del pilar del Este, haciendo dos bisecciones en cada trazo si se trataba de estrellas fundamentales y una sola para las estrellas de las áreas.

El run se determinaba al principio y al fin de cada noche. El nadir solamente al final, pues las condiciones de intranquilidad del baño de mercurio no permitían hacerlo al principio.

Los datos meteorológicos eran tomados sistemáticamente cada hora, salvo cuando condiciones especiales hacían presumir algún cambio brusco. La presión era leída en el barómetro Fortín N° 2171 instalado en una sala contigua a la del círculo meridiano. En el termómetro N° 126, que permanecía en la abertura de la sala meridiana a la altura del objetivo, se leía la temperatura ambiente.

Su colimación era determinada mensualmente por inversión sobre la mira colocada a 140 metros al sur del meridiano. Los $\Delta t + m$ y P del E. utilizados en cada noche fueron casi siempre el promedio de todas las fundamentales que se observaron, previamente divididas por grupos de declinación, cuidando en cada uno de ellos que el promedio en declinación no se apartara de la declinación del área a que se aplicaba, y cada grupo estaba apoyado en 6 ó 7 estrellas.

El sistema de referencia utilizado es el de Eichelberger, tomando las posiciones para la fecha de observación del *Almanaque Náutico de San Fernando, The American Ephemeris and Nautical Almanac* y de la *Connaissance des Temps*.

La refracción ha sido calculada con last ablas de Albrecht, *Formeln und Hilfstafeln*, 4ª edición, 1908.

A todas las estrellas se las ha corregido del error de trazo, cuyos valores fueron sacados del tomo VI, entrega 4ª de las *Publicaciones* de este Observatorio.

Comparando las observaciones efectuadas, que se fueron separando por noche de trabajo y por grado de declinación, se pudo notar errores sistemáticos en algunas de las noches cuyas correcciones fueron calculadas y aplicadas a la observación de la fecha correspondiente.

Se calculó el error medio en base a 192 estrellas, todas con 5 observaciones, resultando para las de :

−15°		−30°		−45°		−60°		−75°		−90°	
α	δ	α	δ	α	δ	α	δ	α	δ	α	δ
$\pm''.25$	$\pm''.15$	$\pm''.20$	$\pm''.15$	$\pm''.18$	$\pm''.15$	$\pm''.18$	$\pm''.16$	$\pm''.15$	$\pm''.17$	$\pm''.19$	$\pm''.17$

Al efectuar la reducción al año 1925 se pusieron de manifiesto errores en los valores de la precesión, variación secular y tercer término de la precesión del trabajo anterior; por tanto, se deben tener en cuenta los valores dados en esta publicación que se creen en lo posible excento de errores.

Las estrellas Nos 171 y 661, en las observaciones de 1923, ambas tienen en ascensión recta un error de 1 segundo. Para la estrella 171 dice $14^s.20$ y debe decir $15^s.20$, la 661 dice $19^s.98$ y debe decir $18^s.98$.

El trabajo se presenta dividido en cuatro secciones A, B, C y D.

En la primera (A) se encuentran: las correcciones instrumentales empleadas, marcha de péndulo, condiciones atmosféricas, etc., y la fecha de observación dada en tres decimales del año.

En la segunda (B): la lista de las fundamentales observadas en cada noche, designadas con los números que les corresponden en el catálogo de Eichelberger (*Astronomical Papers*, volumen X, parte 1ª); los valores de los $\Delta t + m$ y P del E. que de ellas se han calculado y los promedios aplicados a cada grupo de declinación.

El número que individualiza cada noche y que corresponde al número de orden de la sección A, sirve para conectar entre sí estas dos secciones.

En la tercera sección (C) se encuentran: las estrellas agrupadas por *Areas seleccionadas* y cada estrella está particularizada por un número que corresponde con el número de orden de la sección (D). Para cada estrella se dan los valores individuales que han intervenido en la formación del promedio y la fecha, con tres decimales, a que corresponde cada observación. El número de la fecha nos permite conectar esta sección con A y B.

En la cuarta sección, la (D): está el catálogo, dividido en las seis zonas de declinación en que están distribuídas las estrellas de las *Areas seleccionadas*.

En este trabajo las estrellas están designadas con el mismo número que tenían en el trabajo anterior.

Para la estrella N° 888, del área de las circumpolares, no se dan posiciones debido a que era tan débil que se hacía imposible su observación.

La lectura de los círculos fué realizada por el ayudante en astronomía señor Silvio Mangariello.

Las reducciones y cálculos por los señores Jorge Garbarino, Silvio Mangariello, Ángel Baldini y el que suscribe.

La Plata, agosto de 1939.

Hugo Arturo Martínez.

A. Lista de los días de observación

Número	Fecha 1930 +	*c-k*	*n*	Marcha del Riefler 325	Número de estrellas	Posición	
1	7.246	+0^{s}667	+0^{s}894	—0^{s}19	115	O	Imágenes regulares.
2	7.249	+ .667	.885	— .19	116	O	» buenas.
3	7.255	+ .667	.960	— .19	89	O	» regulares.
4	7.257	+ .667	.886	— .20	90	O	» buenas.
5	7.263	— .652	.782	— .21	102	E	» regulares.
6	7.268	— .652	.734	— .21	52	E	» buenas, suspendido, mal hilos *z*.
7	7.271	— .652	.795	— .22	106	E	
8	7.274	— .652	.923	— .22	97	E	
9	7.282	— .652	.849	— .23	40	E	» buenas, suspendido, nubes.
10	7.288	— .652	.846	— .22	101	E	» buenas, tranquilas.
11	7.293	— .652	.851	— .21	111	E	» »
12	7.301	— .652	.836	— .20	46	E	» malas, movedizas veladas.
13	7.304	— .652	.805	— .20	42	E	» regulares.
14	7.320	+ .672	.796	— .19	30	O	Suspendido, nubes.
15	7.340	+ .672	.739	— .20	42	O	
16	7.381	+ .672	.817	— .21	104	O	Imágenes regulares.
17	7.383	+ .672	.703	— .21	104	O	
18	7.411	+ .672	.827	— .21	63	O	Suspendido, no llegó top.
19	7.427	+ .672	.766	— .20	109	O	Imágenes muy buenas.
20	7.435	+ .672	.842	— .17	99	O	» buenas.
21[1]	7.438	— .716	.796	+ .12	96	E	Imágenes buenas, mucha humedad.
22[2]	7.441	— .716	.797	+ .12	101	E	» »
23	7.457	— .716	.710	— .19	30	E	» regulares, suspendido nubes.
24	7.479	— .716	.639	— .21	59	E	Suspendido nubes.
25	7.482	— .716	.662	— .22	102	E	Imágenes malas y deformadas.
26	7.496	— .716	.709	— .22	82	E	» buenas.
27	7.506	— .716	.676	— .22	70	E	» regulares.
28	7.552	— .716	.729	— .22	107	E	» buenas.
29	7.558	— .716	.766	— .22	108	E	» »
30	7.561	— .716	.781	— .22	99	E	» »
31	7.569	— .716	.737	— .21	25	E	Suspendido, muy velado, humedad.
32	7.580	— .716	.734	— .21	96	E	» regulares.
33	7.586	— .716	.681	— .21	20	E	Suspendido, cielo velado.
34	7.591	— .716	.644	— .21	20	E	Imágenes buenas.
35[3]	7.597	+ .677	.795	+ .01	77	O	Cielo muy velado.
36	7.608	+ .677	.748	— .22	99	O	Imágenes malas.
37	7.610	+ .677	.782	— .23	102	O	» buenas.
38	7.613	+ .677	.754	— .22	56	O	» buenas, suspendido nubes.
39	7.619	+ .677	.731	— .20	38	O	Suspendido, velado intenso.
40	7.649	+ .677	.749	— .21	87	O	Imágenes buenas.
41	7.671	+ .677	.699	— .23	84	O	» regulares.
42	7.687	+ .677	.666	— .22	24	O	» buenas.
43	7.693	+ .677	.690	— .22	20	O	» buenas.
44	7.715	+ .677	.723	— .21	27	O	» buenas.
45[4]	7.726	+ .677	.592	—1.20	57	O	» buenas, suspendido nubes.

[1], [2], [3] y [4]se observó con el Riefler 468.

Número	Fecha 1930 +	c-k	n	Marcha del Riefler 325	Número de estrellas	Posición	
46[1]	7.728	+0ˢ.677	0ˢ.648	−1ˢ.18	91	O	Imágenes buenas, algo velado.
47	7.736	+ .677	.610	— .20	53	O	» malas, suspendido nubes.
48	7.747	+ .677	.665	— .24	91	O	» regulares.
49	7.750	+ .677	.604	— .22	87	O	» buenas.
50	7.756	+ .677	.687	— .21	51	O	» regulares
51	7.791	+ .677	.707	— .24	89	O	
52	7.794	+ .677	.726	— .24	15	O	Suspendido nubes.
53	7.799	+ .677	.710	— .24	40	O	Imágenes regulares, movedizas.
54	7.802	— .717	.615	— .23	90	E	
55	7.805	— .717	.608	— .22	92	E	» buenas, tranquilas.
56	7.808	— .717	.614	— .21	94	E	
57	7.821	— .717	.670	— .20	91	E	Nubes.
58	7.830	— .717	.697	— .19	41	E	Imágenes buenas.
59	7.832	— .717	.691	— .19	64	E	» buenas.
60	7.857	— .717	.676	— .20	66	E	
61	7.862	— .717	.677	— .22	45	E	Imágenes malas.
62	7.864	— .717	.686	— .22	96	E	
63	7.886	— .717	.707	— .23	60	E	» regulares, suspendido nubes.
64	7.897	— .717	.664	— .23	95	E	» buenas.
65	7 900	— .717	.684	— .22	86	E	» regulares, algo veladas.
66	7.903	— .717	.714	— .22	85	E	» buenas.
67	7.908	— .717	.680	— .22	26	E	Suspendido por nublado.
68	7.914	— .730	.654	— .22	86	E	
69	7.933	+ .603	.790	— .23	84	O	
70	7.938	+ .603	.792	— .23	86	O	Imágenes buenas.
71	7.942	+ .603	.867	— .23	92	O	» buenas.
72	7.945	+ .603	.823	— .23	74	O	» regulares.
73	8.011	+ .603	.971	— .23	38	O	
74	8.033	+ .603	.966	— .24	47	O	» regulares.
75	8.041	+ .603	.917	— .24	48	O	
76	8.052	+ .603	.893	— .24	58	O	» buenas.
77	8.063	+ .603	.710	— .19	36	O	» buenas, se juntaron los hilos en ∝.
78	8.068	— .655	.803	— .19	48	E	
79	8.071	— .655	.833	— .22	86	E	» regulares.
80	8.077	— .655	.840	— .22	89	E	
81	8.107	— .655	.890	— .23	89	E	» buenas.
82	8.109	— .655	.859	— .23	85	E	» buenas.
83	8.112	— .655	.839	— .23	83	E	» buenas.
84[2]	8.115	— .655	.839	— .31	80	E	
85[3]	8.120	— .655	.833	— .31	62	E	» regulares.
86	8.126	— .655	.883	— .23	62	E	» regulares, movedizas
87	8.129	— .655	.885	— .24	57	E	» buenas.
88[4]	8.131	+ .750	.795	— .25	80	O	
89	8.140	+ .750	.805	— .26	80	O	
90	8.142	+ .750	.847	— .24	92	O	» regulares.
91	8.145	+ .750	.843	— .24	103	O	
92	8.148	+ .750	.802	— .24	18	O	Nubes.
93	8.189	+ .750	.811	— .23	59	O	

[1], [2], [3] y [4] se observó con el Riefler 468.

B. Listas de estrellas fundamentales

1

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	−49ˢ	−49ˢ	−49ˢ	−49ˢ	−49ˢ					
592					.28					13″9
593	.11					15″4				
600				.20					13″8	
604	.13					14.6				
609			.21	.21				13″8	13.8	
610		.15					13″5			
618	.11					14.5				
619			.18					13.9		
633	.13					13.8				
636		.13					14.6			
642				.23					13.0	
644	.11	.11				13.7	13.7			
661					.97					12.7
663	.09					15.5				
666				.06					12.7	
668		.14	.14				14.1	14.1		
671	.09					14.2				
682	.14	.14				13.6	13.6			
692			.08	.08				13.2	13.2	
719			.11					12.5		
724					.30					11.1
751		.06					13.3			
764				.08	.08				11.6	11.6
768			.12					12.4		
773				.95	.95				11.5	11.5
795				.14	.14				12.0	12.0
817					.08					10.7
819			.09	.09				12.7	12.7	
822	.11					13.9				
836	.09	.09				13.1	13.1			
840					.10					11.4
	11ʰ4	.11	.12	.13	.11	.11	14.2	13.7	13.2	12.7	11.9

2

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	−49ˢ	−49ˢ	−49ˢ	−49ˢ	−49ˢ					
592										14″5
593	.48					15″3				
600				.49					13.6	
604	.46					15.5				
609			.39	.39				14″4	14.4	
610		.45					14″0			
618	.42					15.3				
619			.45					14.2		
633	.44					14.7				
636		.44					15.7			
642				.43					14.1	
644	.39	.39				14.9	14.9			
661					.41					12.8
663	.41					15.7				
666				.51					13.9	
668			.42	.42						
671	.37					15″2				
682	.43	.43				14.9	14.9			
692			.41	.41				14.8	14″8	
719			.46					13.8		
724					.23					13″3
751		.36					13.9			
764				.38	.38				13.3	13.3
768			.48					14.1		
773				.42	.42				13.9	13.9
795				.42	.42				14.2	14.2
817					.44					12.6
819			.38	.38				13.8	13.8	
822	.40					15.1				
836	.41	.41				14.7	14.7			
840					.33					13.1
	11ʰ4	.42	.41	.43	.43	.38	15.1	14.8	14.4	14.0	13.5

3

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	−49ˢ	−49ˢ	−49ˢ	−49ˢ						
593	.86					13″9				
600				.99						12″6
604	.95					14.1				
609			.86	.86				13″5	13.5	
610		.89					13″1			
618	.86					13.2				
619			.89					13.5		
633	.90					13.4				
636		.92					13.9			
642				.75					13.0	
644	.96	.96				13.4	13.4			
663	.92					13.8				
666				.92					12.7	
668		.90	.90				13.8	13.8		
671	.86					13.9				
682	.92	.92				13.2	13.2			
692			.94	.94				12.3	12.3	
719			.86					12.2		
751		.96					12.6			
768			.89					12.4		
795				.92					12.6	
819			.82	.82				12.6	12.6	
822	.95					13.7				
836	.96	.96				13.3	13.3			
	11ʰ2	.91	.93	.88	.89	—	13.6	13.3	12.9	12.8	—

4

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	−50ˢ	−50ˢ	−50ˢ	−50ˢ						
600				.16					14″4	—
604	.19					15″0				
609			.09	.09				15″3	15.3	
610		.14					14″3			

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
618	.21					14.5				
619			.15					14.7		
633	.12					14.0				
636		.15					14.5			
642				.09					13.8	
644	.17	.17				14.2	14.2			
663	.12					14.7				
666				.05					15.1	
668		.18	.18				14.7	14.7		
671	.10					14.3				
682	.12	.12				14.3	14.3			
692			.18	.18				14.4	14.4	
719			.15					13.2		
751		.18					13.6			
768			.16					13.0		
795				.16					13.6	
819			.12	.12				13.8	13.8	
822	.17					14.1				
836	.17	.17				14.5	14.5			
11h2	.15	.16	.15	.12	—	14.4	14.3	14.2	14.3	—

5

	−50s	−50s	−50s	−50s	−50s					
600				.45					24.9	
604	.57					24.7				
609			.61	.61				24.8	24.8	
610		.54					23.8			
618	.51					24.2				
619			.58					24.3		
633	.58					24.8				
636		.66					25.7			
642				.65					24.7	
644	.62	.62				25.2	25.2			
661										23.3
663	.61					25.5				
666				.58					23.9	
668		.56	.56				24.8	24.8		
671	.53					24.2				
682	.63	.63				24.7	24.7			
692			.59	.59				24.0	24.0	
719			.63					24.3		
724					.60					23.3
751		.67					23.4			
764				.76	.76				23.5	23.5
768			.74					24.3		
773				.67	.67				23.7	23.7
795				.59	.59				24.0	24.0
817					.67					22.5
819			.71	.71				24.4	24.4	
822	.64					24.4				
836	.68	.68				24.0	24.0			
840					.65					23.4
11h5	.60	.62	.63	.62	.66	24.6	24.5	24.4	24.2	23.4

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°

6

	−50s	−50s	−50s	−50s	—					—
593	.94					23.6				
600				.88					24.5	
604	.93					23.9				
609			.92	.92				24.7	24.7	
610		.87					24.2			
618	.85					24.1				
619			.91					24.6		
633	.86					23.8				
636		.93					24.8			
642				.96					24.0	
644	.93	.93				24.4	24.4			
663	.90					23.9				
666				.90					23.1	
668		.93	.93				25.0	25.0		
671	.86					24.3				
682	.89	.89				23.7	23.7			
692			.88	88				23.3	23.3	
719			.94					23.5		
10h4	.90	.91	.92	.91	—	24.0	24.4	24.2	23.9	—

7

	−51s	−51s	−51s	−51s	−51s					
592										20.4
593	.27					21.3				
600				.20					21.2	
604	.28					21.0				
609			.16	.16				21.4	21.4	
610		.24					22.2			
618	.18					22.6				
619			.30					21.6		
633	.17					22.2				
656		.24					22.8			
642				.22					20.7	
644	.27	.27				22.2	22.2			
661										20.1
663	.21					22.8				
666				.19					20.9	
668		.21	.21				22.6	22.6		
671	.15					21.8				
682	.20	.20				22.1	22.1			
692			.21	.21				21.6	21.6	
719			.29					21.8		
724					.43					19.7
751		.19					22.2			
764				.25	.25				21.0	21.0
768			.28					22.7		
773				.10	.10				21.8	21.8
795				.30	.30				21.8	21.8
817					.06					21.0
819			.14	.14				21.8	21.8	
822	.28					22.0				
836	.20	.20				21.7	21.7			
840					.15					21.5
11h4	.22	.22	.23	.20	.22	22.0	22.3	21.9	21.4	20.9

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
8										
	−51ˢ	−51ˢ	−51ˢ	−51ˢ	—					—
593	.34					22″1				
600				.25					21″3	
604	.37					22.4				
609			.39	.39				21″4	21.4	
610		.34					22″0			
619			.36					21.9		
633	.39					22.0				
636		.39					22.9			
642				.44					21.3	
644	.33	.33				22.6	22.6			
663	.35									
666				.32					20.8	
668		.39	.39				22.4	22.4		
671	.28					22.1				
682	.38	.38				22.0	22.0			
692			.30	.30				20.1	20.1	
719			.29					21.3		
751		.36					21.5			
768			.30					22.0		
795				.25					20.8	
819			.18	.18				21.4	21.4	
822	.39					22.5				
836	.36	.36				23.3	23.3			
11ʰ2	.35	.36	.32	.31	—	22.4	22.4	21.5	21.0	—
9										
	−52ˢ	−52ˢ	−52ˢ	−52ˢ	—					—
593	.01					24″5				
600				.06					23″5	
604	.95					24.5				
609			97	.97				24″0	24″0	
610		.00	.00				23″6	23.6		
618	.97					24.4				
619			.99					23.6		
633	.02					24.1				
636		.04					24.5			
642				.12					23.6	
644	.03	.03				23.5	23.5			
663	.99					24.4				
666				.04					22.3	
668		.04	.04				24.0	24.0		
671	.93					23.6				
682	.98	.98				23.6	23.6			
692			.00	.00				23.0	23.0	
10ʰ4	.98	.02	.00	.04	—	24.1	23.8	23.6	23.3	—
10										
	−52ˢ	−52ˢ	−52ˢ	−52ˢ	—					—
593	.42					24″7				
600				.43					23″4	
604	.44					23.9				
609			.39	.39				23″8	23.8	
610		.47							23″8	
618	.43					24″3				
619			.46						23″8	
633	.39					23.9				
636		.42							24.7	
642				.49						23″3
644	.42	.42				24.3	24.3			
663	.46					24.2				
666				.54						23.0
668		.41	.41					24.8	24.8	
671	.38					24.1				
682	.46	.46				23.7	23.7			
692			.37	.37					23.0	23.0
719			.41						23.0	
751		.35						23.1		
768			.44						23.3	
795				.38						23.0
819									23.2	23.2
822	.46					25.6				
836	.43	.43				23.4	23.4			
11ʰ2	.43	.42	.42	.43	—	24.3	24.0	23.6	23.2	—
11										
	−52ˢ	−52ˢ	−52ˢ	−52ˢ	−52ˢ					
593	.71					24″1				
600				.69					23″5	
604	.70					24.5				
609			.70	.70				25″0	25.0	
610		.69					24″4			
618	.70					24.0				
619			.66					24.2		
633	.68					24.1				
636		.68					25.1			
642				.75					24.2	
644	.63	.63				24.3	24.3			
661										22″8
663	.68					24.3				
666				.76					22.9	
668		.70	.70				24.3	24.3		
671	.63					23.3				
682	.67	.67				23.9	23.9			
692			.70	.70				23.0	23.0	
719			.67					23.1		
724				.72						21.6
751		.64					22.8			
764				.73	.73				22.1	22.1
768			.70					22.4		
773				.75	.75				22.2	22.2
795				.81	.81				22.0	22.0
817					.63					20.4
819			.69	.69				22.6	22.6	
836	.62	.62				23.0	23.0			
840					.68					21.5
11ʰ2	.67	.66	.69	.73	.72	23.9	24.0	23.5	23.0	21.8

[1] Los puntos del Ecuador son siempre positivos.

$\Delta t + m$						P. del E. [1]				
			75°	80°	90°			75°	80°	90°
						996		53.49		
						998		53.51		
						13ᵇ3		.59	.87	.67
12										
			−53ˢ	−53ˢ	−53ˢ					
592				52.95					24″2	
615									23.1	
1390					53.34					21″8
649				54.17					23.3	
1417					53.66					21.0
661				53.03					23.3	
1458					53.75					22.6
1490					53.06					21.1
1496					53.61					20.8
727				54.05					23″3	
7					53.46					21″7
777				53.56					23.6	
813				54.02					23.3	
817			53.36					23″7		
105					53.86					23.3
840			53.40					24.0		
848			53.42	53.42				23.3	23.3	
859			53.29					23.8		
149					53.77					22.4
881			53.33					23.7		
173					53.22					23.3
894				53.35					23.4	
932			53.14					23.0		
938			53.31					23.6		
996			53.37					23.2		
998			53.42					23.3		
13ᵇ1			.36	.57	.54			23.5	23.4	22.0
13										
			−53ˢ	−53ˢ	−53ˢ					
615				53.96					23″5	
1390					53.43					23″5
649				53.82					23.6	
1417					53.49					
661				53.33					22.5	
1458					54.61					23.5
1490					53.33					23.1
1496					53.40					21.3
727				54.03					23.3	
777				54.16					22.9	
813				53.91					22.8	
817			53.78					23″0		
105					53.87					22.9
840			53.47					25.4		
848			53.49	53.49				24.0	24.0	
859			53.61					24.0		
149					53.80					22.6
881			53.83					23.1		
173					53.23					23.2
894				54.23					22.8	
932			53.58					22.6		
938			53.55					23.5		

$\Delta t + m$						P. del E. [1]				
			75°	80°	90°			75°	80°	90°
								23″1		
								23.6	23.2	22.9
14										
			−54ˢ	−55ˢ	−55ˢ					
615				55.18						12″8
1390					54.45					10″8
649				55.28					12.5	
661				54.62					12.5	
1458					54.96					11″4
1490					54.72					11.5
1496					54.73					11.1
727				55.62					12″3	
777				55.64					12.8	
813				55.05					13.1	
817			54.74					12″7		
105					55.13					13.5
840			54.72					14.6		
848				54.48				13.7	13.7	
859			54.76					14.3		
149					55.40					13.4
881			54.63					13.8		
173					56.07					13.8
894				55.01					13.7	
932			54.68					12.9		
938			54.71					13.9		
13ᵇ1			.71	.11	.07			13.7	12.9	12.2
15										
			−56ˢ	−56ˢ	−56ˢ					
615				56.51					15″3	
1390					56.60					13″7
649				56.66					15 0	
661				55.86					14.6	
1458					55.86					14.4
1490					56.28					14.1
1496					56.31					13.3
727				56.72					15.2	
777				56.77					14.5	
813				56.19					15.5	
817			56.31					14″7		
105					56.55					15.1
840			56.17					15.3		
848			56.12	56.12				14.7	14.7	
859			56.28					14.7		
149					56.53					14.2
881			56.19					14.6		
173					56.36					14.7
894				57.38					14.5	
932			56.05					14.4		
938			56.06					14.8		
996			56.06					15.3		
998			56.23					15.2		
13ᵇ4			.16	.53	.35			14.8	14.9	14.2

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
16										
	−59ˢ	−59ˢ	−59ˢ	−59ˢ	—					—
819			.36	.36				14″4	14″4	
822	.42					14″8				
829	.36					14.8				
831			.30					14.5		
833				.28					13.1	
836	.34	.34				15.1	15″1			
841				.21					13.8	
843		.33	.33				13.9	13.9		
857				.30					13.8	
859				.19					12.8	
873			.29					13.5		
875				.23					12.8	
882		.33					14.0			
915	.42					14.9				
924		.33					14.6			
925		.21					14.2			
933	.39					14.8				
944		.35					14.4			
948	.38					14.6				
989		.34					14.0			
1008		.33					14.3			
1013	.33					14.3				
1016	.28					15.6				
1033			.42	.42				13.3	13.3	
1058		.35					14.7			
1071			.45					13.8		
1075			.45					13.6		
1079				.34					11.9	
1081			.44					13.9		
15ʰ4	.37	.32	.38	.29	—	14.9	14.4	13.9	13.2	—
17										
	−59ˢ	−59ˢ	−59ˢ	−59ˢ	—					—
819			.65	.65				13″3	13″3	
822	.56					13″5				
829	.60					14.1				
831			.56					13.0		
833				.56					12.3	
836	.59	.59				13.4	13″4			
841				.60					12.4	
843		.54	.54				12.8	12.8		
857				.60					12.4	
859				.52					11.9	
873			.52					12.6		
875				.61					12.1	
882		.59					12.5			
915	.60					13.4				
924		.64					12.3			
925							12.7			
933	.55					12.9				
944		.59					12.6			
948	.62					12.7				
989		.58					12.3			

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
1008		.56					12″6			
1013	.57					13″0				
1016	.60					13.4				
1033			.58	.58				13″0	13″0	
1058		.61					13.1			
1071			.65					12.6		
1075			.64					12.4		
1079				.52					10.7	
1081			.59					12.2		
15ʰ4	.59	.59	.59	.58	—	13.3	12.7	12.7	12.3	—
18										
	−61ˢ	−61ˢ	−61ˢ	−61ˢ	−61ˢ					
817					.60					13″8
819			.65	.65				14″4	14″4	
822	.67					14″2				
829	.65					14.2				
831			.69					14.1		
833				.64					12″8	
836	.70	.70				14″3	14″3			
840					.75					13″1
841				.67					13.4	
843		.62					13.9			
857			.67	.67				13″6	13.6	
859				.71	.71				12.9	12.9
873			.75					13.5		
875				.72					13.2	
882		.76					13.0			
881					.68					10.5
915	.81					14.2				
924		.71					13.9			
925		.61	.61				13.5	13.5		
933	.76					12.7				
944		.65					14.4			
948	.77					14.8				
14ʰ5	.73	.68	.67	.68	.68	14.1	13.8	13.8	13.4	12.6
19										
	−62ˢ	−62ˢ	−62ˢ	−62ˢ	−62ˢ					
817					.84					13″5
819			.93	.93				14″3	14″3	
822	.89					13″6				
829	.93					13.5				
831			.94					14.1		
833				.95					13.3	
836	.91	.91				14.2	14″2			
840					.02					13.1
841				.02					13.9	
843		.92					13.6			
857				.94					14.1	
859				.01	.01				13.9	13.9
873			.83					13.5		
875				.88					14.4	
882		.91					14.5			
881					.65					12.4
915	.95					14.2				

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
924		.88					13″3			
925		.84					13.1			
933	.94					13″5				
944		.93					13.9			
948	.87					13.2				
989		.95					12.9			
1008		.92					13.4			
1013	.92					14 0				
1016	.92					13.9				
1033			.96	.96				13″7	13″7	
1051					.95					12″4
1058		.00					13.2			
1071			.99					13.2		
1075		.00	.00				12.8	12.8		
1079				.02					12.4	
1081			.98					13.5		
15^h4	.92	.93	.95	.96	.89	13.8	13.5	13.6	13.8	13.1

20

	-5^s	-5^s	-5^s	-5^s	—			—	—	—
819			.40	.40						
822	.47					13″4				
829	.42					13.2				
831			.46					13″4		
833				.39					11″1	
836	.45	.45				13.4	13″4			
841				.37					12.9	
843		.38					12.7			
857				.42					13.5	
859				.34					13.2	
873			.41					13.3		
875				.47					13.0	
882		.43					13.5			
915	.50					13.9				
924		.49					13.7			
925		.36					13.6			
933	.42					14.4				
948	.53					13.4				
989		—					13.8			
1008		.52					13.6			
1013	.50					13.3				
1016	.45					14.0				
1033			.42	.42				13.8	13.8	
1058		.48					13.3			
1071			.47					13.1		
1075			.50					13.1		
1079				.41					12.8	
1081			.48					13.3		
15^h4	.47	.44	.45	.40	—	13.6	13.4	13.3	12.9	—

21

	-5^s	-5^s	-5^s	-5^s	—			22″8	22″8	—
819			.57	.57						
822	.67					23″0				
829	.60					23.0				

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
831			.60						22″2	
833				.50						21″4
836	.62	.62				22″8	22″8			
841				.45						22.8
843		.57					22.5			
857				.52						23.2
859				.54						22.3
873			.59						22.6	
875				.56						23.3
882		.57					22.9			
915	.65					23.0				
924		.60					22.4			
925		.50					22.6			
933	.59					23.5				
944		.61					23.2			
948	.58					22.7				
989		.62					22.9			
1008		.69					23.8			
1013	.61					23.8				
1016						23.0				
1033			.62	.62					23.1	23.1
1058		.63					23.1			
1071			.69						22.7	
1075			.70						22.4	
1079				.62						21.8
1081			.64						22.7	
15^h4	.62	.60	.63	.55	—	23.1	22.9	22.6	22.6	—

22

	-5^s	-5^s	-5^s	-5^s	—					—
819			.71	.71					26″0	26″0
822	.74					25″1				
829	.78					25.4				
831			.76						25.0	
833				.70						24.0
836	.77	.77				25.9	25″9			
841				.74						25.3
843		.75					25.4			
857				.75						25.5
859				.78						25.1
873			.82						25.7	
875				.81						25.7
882		.83					26.0			
915	.84					25.4				
924		.75					25.1			
925		.71					24.5			
933	.83					25.4				
944		.79					25.7			
948	.82					25.1				
989		.82					26.2			
1008		.83					26″2			
1013	.88					26″4				
1016	.79					25.5				
1033			.89	.89					25.3	25″3
1058		.85					25.5			
1071			.85						24.8	
1075		.85	.85				25.0	25.0		

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
1079				.84					24.8	
1081			88					25.5		
15h4	.80	.80	.82	.78		25.5	25.6	25.3	25.2	
23										
	−6s	−6s	−6s	—	—				—	—
819			.95					26″1		
822	.96					25″4				
829	.91					26.0				
831			.98					25.0		
836	.96	.96				25.8	25″8			
843		.92	.92				25.6	25.6		
857			.93					26.0		
873		.91	.91				26.0	26.0		
882		.95					25.2	25.2		
14h0	.94	.94	.94	—	—	25.7	25.6	25.6	—	—
24										
	−8s	−8s	−8s	−8s	—					—
819			.69	.69				22″8	22″8	
822	.70					23″7				
829	.67					22.2				
831			.72					22.6		
833				.63					21.0	
836	.65	.65				22.6	22″6			
841				.61					21.5	
843		.64					22.6			
857			.62	.62				22.2	22.2	
859				.65					21.9	
873			.60					23.2		
875				.66					21.8	
882		.60					22.4			
915	.68					23.2				
924		.71	.71				22.6	22.6		
925		.55	.55				21.4	21.4		
933	.67					21.7				
944		.68					21.6			
948	.67					21.5				
989	.65	.65				20.9	20.9			
14h6	.67	.64	.65	.64	—	22.3	22.0	22.5	21.9	—
25										
	−8s	−8s	−8s	−8s	—					—
819			.92	.92				21″5	21″5	
822	.88					23″6				
829	.94					22.2				
831			.98					21″7		
833				.08					20″4	
836	.92	.92				21″8	21″8			
841				.00					20.7	
843		.88					21.3			
857				.99					20.6	
859				.90					20.0	
873			.84					21.7		
875				.97					20.5	

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
882		.89					21″0			
915	.92					22″5				
924		.92					22.7			
925		.85					21.4			
933	.96					21.7				
944		.95					21.2			
948	.91					22.3				
989		.91					21.4			
1008		.95					22.5			
1013	.89					21.5				
1016	.96					23.4				
1033			.96	.96					20″8	20″8
1058		.95					20.8			
1071			.93						20.4	
1075			.95						19.5	
1079				.97						18.9
1081			.94						20.6	
15h4	.92	.91	.93	.97	—	22.4	21.6	20.9	20.4	—
26										
	−9s	−9s	−9s	−9s	—					—
873			.90						23″3	
875				.96						22″8
877				.84						21.1
882		.98					22″3			
886			.94	.94					22.1	22.1
890	.97					21″8				
891	.94					22.8				
901			.03						23.0	
915	.93					23.0				
924		.92					22.5			
925		.82					22.4			
933	.95					23.4				
944		.94					22.1			
948	.01					22.5				
989	.99	.99				21.4	21.4			
1008		.98					22.3			
1013	.01					22.6				
1016	.98					23.2				
1033			.01	.01					22.0	22.0
1058		.94					22.8			
1071			.00						22.2	
1075		.06	.06				21.8	21.8		
1079				.89						21.3
1081			.02						22.2	
15h9	.97	.95	.99	.93	—	22.6	22.2	22.4	21.9	—
27										
	−10s	−10s	−10s	−10s	−10s					
897					.89					19″7
914			.77	.77					20″7	20″7
915	.76					20″2				
924		.73	.73				19.8	19.8		
925		.63	.63				19.9	19.9		
932					.70					18.6
938				.72	.72				19.7	19.7

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
944		.71					20″.4			
948	.74					19″.1				
989		.67					21.0			
996				.69	.69				19″.4	19″.4
998					.83					18.9
1008		.70					20.3			
1013	.75					20.5				
1016	.74					19.1				
1033			.86	.86				18″.7	18.7	
1051					.86					18.2
1058		.75					19.9			
1071			.78					18.6		
1075		.78	.78				19.1	19.1		
1079				.72					19.4	
1081			.77					20.2		
16ʰ3	.75	.71	.76	.75	.78	19.7	20.1	19.6	19.6	19.1

28

	−14ˢ	−14ˢ	−14ˢ	−14ˢ	—					
1073	.76					18″.9				
1075			.79					19″.2		
1079				.71					18″.2	
1081			.76					19.4		
1086		.67					18″.5			
1096	.70					18.7				
1103		.71					19.2			
1115				.65					17.3	
1129			.79					19.1		
1136	.77					18.5				
1138		.78					19.4			
1145				.87					17.5	
1159		.81					18.9			
1172	.71	.71				18.5	18.5			
1183			.76					18.3		
1196			.76					18.1		
1203	.71					19.4				
1206	.72					18.7				
1210				.84					17.9	
1221			73					18.5		
1233				.76					17.4	
1252	.74					19.0				
1256				.82					17.8	
1270			.71					17.6		
1276	.76					18.0				
1279				.77					17.6	
1283		.74					18.9			
1301		.74					17.5			
1325	.68					18.3				
1327				.70					16.8	
19ʰ3	.73	.74	.76	.77	—	18.7	18.7	18.6	17.6	—

29

	−14ˢ	−14ˢ	−14ˢ	−14ˢ	—					
1073	.95					19″.7				
1075			.98					19″.5		
1079				.99					18″.9	

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
1081			.02		—				20″.3	
1086		.93							19″.7	
1096	.92					20″.1				
1103		.88							20.0	
1115				.96						18″.6
1136	.95					18.9				
1138		.94							18.7	
1145				.00						18.7
1159		.00							18.0	
1172	.98	.98				19.9	19.9			
1183			.93						18.6	
1196			.92						17.8	
1203	.90					20.7				
1206	.95					19.4				
1210				.00						18.6
1221			.96						19.1	
1233				.93						17.1
1252	.98					18.6				
1256				.94						18.4
1270			.89						17.7	
1276	.96					19.1				
1279				.96						17.5
1283		.98						18.4		
1301		93						18.3		
1325	.91					18.7				
1327				.82						16.4
19ʰ3	.94	.95	.95	.95	—	19.5	19.0	18.8	18.0	—

30

	−15ˢ	−15ˢ	−15ˢ	−15ˢ	—					
1073	.14					21″.2				
1075			.22						19″.9	
1079				.13						19″.0
1081			.14						20.6	
1086		.05						20″.0		
1096	.18					20.9				
1103		.11						20.5		
1115				.23						19.6
1129			.13						20.7	
1136	.21					21.0				
1138		.19						19.8		
1145				.06						19.5
1159		.23						19.5		
1172	.15	.15				20.5	20.5			
1183			.15						19.7	
1196			.19						18.7	
1206	.10					20.2				
1210				.13						19.8
1221			.14						20.4	
1233				.17						20.1
1252	.13					19.7				
1256				.15						19.5
1270			.09						19.9	
1276	.16					20.3				
1279				.99						19.7
1283		.13						19.9		

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
1301		.09					19″.8			
1325	.18					20″.1				
1327				.02					18″.6	
19ʰ.3	.16	.14	.15	.11	—	20.5	20.0	20.0	19.5	—

31

	−15ˢ.5	−15ˢ.5	−15ˢ.5	−15ˢ.5	—					—
1073	.86					19″.0				
1075			.90					19″.6		
1079				.77					19″.1	
1081			.85					19.8		
1086		.76					19″.4			
1096	.80					19.5				
1103		.77					19.9			
1115				.79					19.2	
1129			.85					19.8		
1136	.81					19.1				
1138		.86					19.5			
1145				.90					19.3	
1159		.83					19.0			
18ʰ.2	.82	.80	.87	.82	—	19.2	19.5	19.7	19.2	—

32

	−16ˢ.5	−16ˢ.5	−16ˢ.5	−16ˢ.5	—					—
1075			.60					21″.2		
1079				.51					19″.3	
1081			.67					20.3		
1086		.49	.49				20″.0	20.0		
1096	.59					21″.2				
1103		.59					20.3			
1109	.57									
1115				.56					19.9	
1129			.63					19.5		
1136	.62					19.7				
1138		.62					19.3			
1145				.57					19.2	
1159		.63					19.0			
1172	.54	.54				20.2	20.2			
1183			.67					19.4		
1196								19.1		
1206	.67					19.5				
1210				.63					19.5	
1221			.63					20.1		
1233				.47					18.8	
1252	.63					20.7				
1256				.57					19.9	
1270			.55					18.6		
1276	.63					20.3				
1279				.62					18.9	
1283	.69	.69				19.5	19.5			
1301		.67					19.6			
1325	.65					20.2				
1327				.57					18.2	
19ʰ.3	.62	.60	.60	.56	—	20.2	19.7	19.8	19.2	—

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°

33

	—	—	—	—	−17ˢ.—	—	—	—	—	—
1212					.94					18″.5
1223					.17					18.1
1233					.12					19.8
1260					.28					18.5
1279					.98					19.4
1294					.13					18.0
1299					.29					17.2
20ʰ.3	—	—	—	—	17.13	—	—	—	—	18.5

34

	—	—	—	—	−17ˢ.—	—	—	—	—	
1212										16″.5
1223					.91					15.2
1233					.56					18.0
1260					.80					16.0
1279					.64					17.6
1294					.59					17.3
1299					.83					17.0
20ʰ.3	—	—	—	—	17.72	—	—	—	—	16.8

35

	−17ˢ.—	−17ˢ.—	−17ˢ.—	−17ˢ.—	—					—
1073	.91					9″.7				
1075			.01					9″.8		
1079				.90					8″.5	
1081			.96					10.0		
1086		.91					8″.9			
1096						10.0				
1103		.89					9.7			
1115				.92					7.8	
1129			.91					9.2		
1136	.97					9.6				
1138		.92					9.5			
1145				.93					8.4	
1159		.93					9.1			
1172	.87	.87				9.4	9.4			
1183			.91					9.4		
1196			.88					8.3		
1203	.92					9.5				
1206	.95					9.4				
1210				.95					8.6	
1221			.86					9.3		
1233				.86					7.8	
1252	.88					9.5				
1256				.99					8.7	
1270			.92					8.9		
1276	.87					9.5				
1279				.96					7.9	
1283		.95					9.3			
1301		.89					9.3			
19ʰ.2	.91	.91	.92	.93	—	9.6	9.3	9.3	8.2	—

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
36										
	−18ˢ	−18ˢ	−18ˢ	−18ˢ	—					—
1073	.81					11″.1				
1075			.79					10″.0		
1079				.72					9″.3	
1081			.89					10.2		
1086		.65					9″.6			
1096	.76					10.1				
1103		.72					10.5			
1115				.77					10.0	
1129			.78					9.7		
1136	.80					10.5				
1138		.79					10.3			
1145				.70					8.9	
1159		.81					9.9			
1172	.73	.73				10.2	10.2			
1183			.79					9.7		
1196			.76					8.8		
1203	.76					10.2				
1206	.76					9.9				
1210				.81					9.0	
1221			.72					9.8		
1233				.77					9.0	
1252	.76					10.1				
1256				.70					9.8	
1270			.78					9.2		
1276	.75					10.3				
1279				.73					8.9	
1283		.86					9.8			
1301		.70					9.4			
1325	.73					9.7				
1327				.71					7.8	
19ʰ3	.76	.75	.79	.74	—	10.2	10.0	9.6	9.1	—
37										
	−18ˢ	−18ˢ	−18ˢ	−18ˢ	—					—
1073	.94					10″.6				
1075			.08					11″.6		
1079				.84					9″.9	
1081			.94					11.0		
1086		.89					10″.4			
1096	.95					10.7				
1103		.89					10.4			
1115				.03					9.8	
1129			.02					9.7		
1136	.04					10.5				
1138		.98					10.7			
1145				.00					9.7	
1159		.00					10.4			
1172	.91	.91				10.8	10.8			
1183			.98					10.8		
1196			.90					9.6		
1203	.04					11.4				
1206	.02					10.9				
1210				.08					10.7	

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
1221			.01						10″.9	
1233				.87						10″.1
1252	.97					10″.4				
1256				.93						10.9
1270			.98						10.7	
1276	.02					11.0				
1279				.98						9.4
1283		.02						10″.8		
1301		.91						10.1		
1325	.98					10.4				
1327				.97						9.2
19ʰ3	.99	.94	.99	.96	—	10.7	10.5	10.6	10.0	—
38										
	−19ˢ	−19ˢ	−19ˢ	−19ˢ	—					—
1073	.20					10″.6				
1075			.25						10″.3	
1079				.25						9″.3
1081			.28						10.7	
1086		.14						10″.3		
1096	.17					10.3				
1103		.18						9.7		
1115				.17						9.3
1129			.18						10.3	
1136	.23					10.3				
1138		.22						10.8		
1145				.32						10.3
1159		.16						9.9		
1172	.18	.18				10.3		10.3		
1183			.22						10.1	
1196			.15						9.1	
1203	.17					11.0				
1206	.16					9.8				
1210				.18						10.0
1221			.16						10.6	
18ʰ7	.18	.18	.21	.23	—	10.4	10.2	10.2	9.7	—
39										
	−19ˢ	−19ˢ	−19ˢ	−19ˢ	—					—
1073	.75					10″.7				
1075			.81						10″.9	
1079				.76						10″.4
1081			.82						11.3	
1086		.69						10″.8		
1096	.75					10.5				
1103		.71						10.7		
1115				.76						10.3
1129			.81						11.2	
1136	.77					10.3				
1138		.77						11.0		
1145				.78						10.6
1159		.76						10.3		
1172	.69	.69				10.6		10.6		
18ʰ2	.74	.72	.81	.77	—	10.5	10.7	11.1	10.4	—

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
40										
	−22ˢ	−22ˢ	−22ˢ	−22ˢ	—					—
1115				.08					10″.1	
1118							11″.0			
1120			.12					10″.6		
1126	.10					10″.6				
1129			.13					10.7		
1136	.11					10.3				
1138		.09					10.4			
1145				.15					9.6	
1150		.13					10.9			
1155	.13					10.7				
1159		.16					10.2			
1172		.10					10.0			
1183			.14					10.0		
1196			.07					9.8		
1203	.08					11.1				
1206	.06					10.4				
1210				.07					10.7	
1221			.11					10.7		
1233				.06					10.0	
1252	.12					10.7				
1256				.13					10.8	
1270			.10					10.1		
1276	.07					11.1				
1279				.00					10.4	
1283		.15					10.4			
1301		.08					10.4			
1325	.09					10.0				
1327				.95					9.5	
19ʰ6	.10	.12	.11	.06	—	10.6	10.5	10.3	10.1	—
41										
	−23ˢ	−23ˢ	−23ˢ	−23ˢ	—					—
1115				.91					10″.6	
1118		.87					10″.2			
1120			.89					10″.6		
1126	.82					10″.0				
1129			.87					10.7		
1136	.84					10.0				
1138		.81					10.1			
1145				.01					9.0	
1150		.88					9.4			
1155	.81					9.4				
1172		.91					9.7			
1183			.87					9.6		
1196			.79					8.6		
1203	.82					10.5				
1206	.81					9.8				
1210				.74					10.0	
1221			.82					9.3		
1233				.81					8.5	
1252	.84					9.7				
1256				.76					9.0	
1270			.84					9.6		

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
1276	.84					10″.4				
1279				.76					9″.2	
1283		.84					9″.7			
1301		.80					9.5			
1325	.79					9.9				
1327				.84					8.2	
19ʰ6	.82	.85	.85	.83	—	10.0	9.8	9.7	9.2	—
42										
	—	−25ˢ	—	—	−25ˢ	—		—	—	
1212					.10					11″.0
1221		.19					11″.4			
1223					.13					9.9
1233					.13					10.7
1260					.29					10.2
1279					.14					11.1
1283		.15					10.5			
1299					.18					10.3
1303		.16					10.4			
1307		.20					10.3			
1313		.13					10.3			
20ʰ5	—	.16	—	—	.16	—	10.6	—	—	10.5
43										
	—	—	—	—	−25ˢ	—	—	—	—	
1212					.54					10″.7
1223					.52					10.0
1233					.50					10.3
1260					.57					10.2
1279					.56					10.7
1294					.47					
1299					.49					10.2
20ʰ4	—	—	—	—	.52	—	—	—	—	10.4
44										
	—	−27ˢ	—	—	−27ˢ	—		—	—	
1212					.26					10″.1
1221		.19					10″.6			
1223					.10					8.5
1233					.12					9.9
1260					.21					8.5
1279					.12					10.0
1283		.20					9.9			
1299					.26					8.6
1303		.16					9.5			
1307		.24					9.2			
1313		.16					9.5			
20ʰ5	—	.19	—	—	.18	—	9.7	—	—	9.3
45										
	−28ˢ	−28ˢ	−28ˢ	−28ˢ	—					—
1349	.14					10″.5				
1361				.12					9″.7	
1365				.19					9.7	

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
1376		.13					9.″6			
1407	.10	.10				9.3	9.3			
1414		.17					9.6			
1416			.14					9.″0		
1430	.15					9.4				
1446			.23					9.7		
1469		.18	.18				9.1	9.1		
1474			.13					9.0		
1476			.14					8.9		
1483	.14					9.1				
1484	.14					9.0				
1499				.13					8.″8	
1501				.11					8.7	
23h0	.13	.14	.16	.14	—	9.5	9.4	9.1	9.2	—

46

	−28s	−28s	−28s	−28s	—					—
1349	.34					10.″9				
1353				.48					8.″7	
1361				.28					9.7	
1365				.30					9.8	
1376		.32					9.″0			
1407	.24	.24				9.2	9.2			
1414		.36					9.7			
1416			.35					9.″6		
1430	.31					9.6				
1446			.39					9.6		
1469		.35					9.4			
1474			.31					9.1		
1476			.33					9.6		
1483	.36					10.0				
1484	.41					9.7				
1499				.34					9.8	
1501				.31					8.9	
5			.31					10.1		
8		.32					10.5			
23			.36					9.7		
26	.37	.37				9.7	9.7			
27			.34					9.1		
57		.34					9.4			
103	.33					9.6				
23h4	.34	.33	.34	.34	—	9.8	9.6	9.5	9.4	—

47

	−29s	−29s	−29s	−29s	—					—
1349	.04					9.″3				
1353				.13					9.″4	
1361				.05					9.7	
1365				.00					10.1	
1376		.99					9.″3			
1407	.08	.08				10.5	10.5			
1414		.04					10.3			
1416			.98					9.″9		
1430	.02					9.6				
1446			.07					10.3		
1469		.03	.03				9.4	9.4		

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
1474			.00					9.″7		
1476			.06					10.4		
1483	.02					10.″4				
1484	.05					10.1				
1499				.03					10.″1	
1501				.02					9.7	
23h0	.04	.04	.03	.05	—	10.2	9.9	9.9	9.8	—

48

	−29s	−29s	−92s	−92s	—	9.″8				—
1349	.90									
1353				.97					8.″7	
1361				.91					9.4	
1365				.90					9.5	
1376		.97					9.″3			
1407	.94	.94				9.1	9.1			
1414		.95					9.7			
1416			.89					8.″7		
1430	.92					9.8				
1446			.03					8.8		
1469		.99					8.2			
1474			.94					8.4		
1476			.97					9.3		
1483	.95					9.0				
1484	.96					8.8				
1499				.89					8.5	
1501				.00					8.1	
5			.92					9.8		
8		.95					10.0			
23			.00					8.5		
26		.95					9.2			
27			.90					8.9		
51	.98					9.7				
57		.92					9.2			
103	.88					8.6				
23h4	.93	.95	.95	.93	—	9.1	9.2	8.9	8.8	—

49

	−30s	−30s	−30s	−30s	—	9.″8				—
1349	.14									
1353				.15					8.″4	
1361				.11					9.1	
1365				.22					9.3	
1376		.14					9.″3			
1407	.15	.15				9.1	9.1			
1414		.17					9.2			
1416			.17					8.″9		
1430	.20					9.4				
1446			.29					8.8		
1469		.14					8.4			
1474			.16					9.0		
1476								9.6		
1483	.21					9.1				
1484	.19					8.8				
1499				.15					8.9	
1501				.25					8.4	

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
5			.23					9″.1		
8		.25					9″.4			
23			.27					8.8		
26		.24					9.6			
27			.16					9.0		
51	.21					9″.6				
57		.19					9.7			
103	.20					9.4				
23ʰ.4	.19	.18	.21	.22	—	9.3	9.2	9.0	8.8	—

50

	45°	75°	80°	90°	—	45°	75°	80°	90°	—
615				30ˢ.95					6″.7	
1374	30ˢ.62					9″.2				
1390			32ˢ.01					8″.0		
649				31.36					7.2	
1417			30.40					8.6		
661				30.50						
1429		30ˢ.59					8″.8			
1446	30.78					9.9				
1458			30.56					8.1		
1490			30.72					8.9		
1496			30.31					8.8		
1501		30.58					9.6			
1502		30.44					9.6			
727				30.37					6.5	
5	30.73					9.7				
7			30.54					8.9		
17		30.65					9.3			
38	30.68					10.3				
63	30.71					8.6				
85	30.63					9.2				
813				31.47					6.9	
93		30.64					8.9			
105			30.71					8.3		
116		30.76					9.8			
848				30.17						
149			30.92					8.9		
152		30 47					9.4			
173			30.02					8.2		
894				31.44					8.1	
0ʰ.9	30.69	30.59	30.69	30.89	—	9.5	9.3	8.5	7.1	—

51

	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	−33ˢ	−33ˢ	−33ˢ	−33ˢ	—					—
1349	.44					10″.0				
1353				.43					9″.1	
1356		.39	.39				9″.9	9″.9		
1361				.37					9.1	
1365				.41					9.5	
1376		.39					9.0			
1407	.42					9.1				
1414		.38					9.5			
1416			.41					8.7		
1446			.44					9.6		
1469			.36				9.0	9.0		

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
1474			.33					8″.8		
1476			.43					8.9		
1483	.42					8″.9				
1484	.44					9.2				
1499				.44					8″.5	
1501				.37					7.9	
5			.41					8.3		
8		.42					9″.1			
23			.41					8.8		
26	.46	.46				8.9	8.9			
27			.43					7.5		
51	.34					8.8				
103	.39					8.6				
106	.36	.36				8.3	8.3			
23ʰ.5	.41	.40	.40	.40	—	9.0	9.1	8.8	8.8	—

52

	—	—	—	80°	90°	—	—	—	80°	90°
615					33ˢ.99					7″.9
1390				33ˢ.66					9″.1	
649					33.83					8.0
1417				33.65					8.8	
661					33.32					
1458				34.75					8.2	
1490									8.6	
1496				33.48					8.6	
727					34.14					7.9
7				33.74					8.4	
23ʰ.2	—	—	—	33.86	33.82	—	—	—	8.6	7.9

53

	—	—	75°	80°	90°	—	—	75°	80°	90°
615					34ˢ.21					7″.1
1390				34ˢ.00					8″.4	
649					34.75					7.1
1417				33.88					9.1	
661					33.63					
1429			33ˢ.90					9″.6		
1458				34.44					8.1	
1490				34.11					8.3	
1496				34.27					8.7	
1501			33.85					8.8		
727					34.37					8.6
7				33.60					8.7	
17			33.97					9.8		
777					34.54					7.6
93			33.89					9.4		
105									8.7	
116			34.15					10.2		
848					33.65					
149				34.45					8.3	
152			33.95					9.7		
173				33.67					8.3	
894					34.91					8.2
0ʰ.4	—	—	33.95	34.05	34.30	—	—	9.6	8.5	7.6

[1] Los puntos del Ecuador son siempre positivos.

54

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	−34ˢ	−34ˢ	−34ˢ	−34ˢ	—					—
1349	.26					21″0				
1353				.17					19″4	
1361				.20					19.9	
1365				.21					20.1	
1376		.21					20″1			
1407	.25					20.2				
1414		.26					20.7			
1416			.17					19″8		
1430	.19					20.1				
1446			.32					19.9		
1469		.21	.21				20.3	20.3		
1474			.22					19.6		
1476			.24					20.1		
1483	.19					20.4				
1484	.26					19.9				
1499				.27					19.9	
1501				.32					19.9	
5			.29					19.8		
8		.24					20.3			
23			.24					19.6		
26	.21	.21				20.5	20.5			
27			.29					20.4		
51	.24					20.5				
57		.25					20.3			
103	.26					20.1				
23ʰ4	.23	.23	.25	.23	—	20.3	20.4	19.9	19.8	—

55

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	−34ˢ	−34ˢ	−34ˢ	−34ˢ	—					—
1349	.42					21″2				
1353				.35					19″4	
1361				.42					19.7	
1365				.41					19.8	
1376		.40					20″5			
1407	.36					19.9				
1414		.43					19.9			
1416			.39					19″3		
1430	.38					19.9				
1446			.55					19.6		
1469		.44	.44				19.7	19.7		
1474			.38					19.2		
1476			.42					20.1		
1483	.47					19.6				
1484	.41					19.6				
1499				.52					19.6	
1501				.44					19.6	
5			.49					19.5		
8		.44					20.3			
23			.48					20.2		
26	.45	.45				19.2	19.2			
27			.40					19.9		
51	.42					20.3				
57		.51					20.1			
103	.47					20.1				
23ʰ4	.42	.44	.44	.43	—	20.0	20.0	19.7	19.6	—

56

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	−34ˢ	−34ˢ	−34ˢ	−34ˢ	—					—
1349	.60					20″8				
1353				.61					19″3	
1361				.68					19.6	
1365				.61					20.0	
1376		.56					20″2			
1407	.64					20.1				
1414		.61					20.6			
1416			.55					19″3		
1430	.70					19.7				
1446			.70					20.8		
1469		.65	.65				19.7	19.7		
1474			.58					19.5		
1476			.63					19.8		
1483	.63					19.7				
1484	.63					19.3				
1499				.64					19.0	
1501				.68					18.9	
5			.61					19.5		
8		.65					19.8			
23			.66					19.6		
26	.64	.64				19.7	19.7			
27			.70					19.7		
51	.66					19.8				
57		.65					20.0			
103	.70					20.0				
23ʰ4	.65	.63	.64	.64	—	19.9	20.0	19.7	19.4	—

57

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	−35ˢ	−35ˢ	−35ˢ	−35ˢ	—					—
1349	.58					21″5				
1353				.42					20″6	
1361				.59					21.2	
1365				.51					20.3	
1376		.54					20″2			
1407	.64					20.9				
1414		.63					20.9			
1416			.60					20″1		
1430	.55					20.2				
1446			.69					20.4		
1469		.64	.64				20.5	20.5		
1474			.63					19.4		
1476			.57					20.6		
1483	.60					20.3				
1484	.60					19.9				
1499				.57					19.8	
1501				.63					20.0	
5			.64					20.2		
8		.61					21.6			
23			.62					20.4		
26	.64	.64				20.5	20.5			
27			.60					20.8		
51	.64					20.6				
57		.61					20.8			
103	.61					20.7				
23ʰ4	.61	.62	.61	.54	—	20.6	20.8	20.3	20.4	—

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
			75°	80°	90°			75°	80°	90°
				58						
615	—	—		$36^s.36$		—	—			17".1
1390				$36^s.73$					17".9	
649					36.66					17.8
1417				35.98					18.5	
661					35.98					
1429			$36^s.27$					19".1		
1458				36.30					18.1	
1490				36.34					18.5	
1496				35.95					18.8	
1501			36.21					20.8		
727					36.58					18".9
7				35.97						18.7
17			36 28						19".8	
777					36.41					17.8
813					36.02					17.9
93			36.31						19.8	
105				36.87						19.3
116			36.26						19.7	
848					36.02					
149				36.44						18.2
152			36.48						19.4	
173				36.71						18.4
894					38.53					17.6
	0".9	—	—	36.30	36.37	36.57	—	—	19.9	18.5	17.8

	$\Delta t + m$						P. del E.					
	15°	30°	45°	75°	80°	90°	15°	30°	45°	75°	80°	90°
					59							
	$-36^s.$	$-36^s.$	$-36^s.$	$-36^s.$	$-36^s.$	$-36^s.$						
1356		.50	.50					21".4	21".4			
1361			.40						19.3			
615						.86						18".4
1376		.50						20.4				
1390					.19						19".6	
1404	.45						19".6					
1407	.49	.49					20.1	20.1				
649						.62						18.7
1416			.37						19.9			
1417					.20						19.0	
661						.18						
1429				.43						19".6		
1431		.52						20.2				
1434			.46						20.2			
1446			.52						19.9			
1450	.42						20.7					
1458					.56						18.5	
1469		.49	.49					19.9	19.9			
1474			.44						19.4			
1476			.49						19.8			
1483	.49						20.2					
1496					.42						19.5	
1501				.44						19.6		
727						.53						18.9
7					.11						18.5	
17				.35						20.5		
777						.59						18.2
813						.70						17.9
93				.52						20.4		
105					.93						18.9	
116				.56						20.5		
848						.19						
149					37.30						19.4	
152				.57						20.9		
173					.13						19.2	
894						.77						18.8
$23^h.9$	.46	.50	.48	.48	.48	.56	20.1	20.4	20.0	20.2	19.1	18.5

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
60										
	−38ˢ	−38ˢ	−38ˢ	−38ˢ	−38ˢ					
1469		.47	.47				20″.1	20″.1		
1474			.45					19.4		
1476			.50					19.7		
1483	.47					21″.0				
1484	.51					19.9				
1488		.46					20.6			
1489	.45					20.6				
1499			.42	.42				20.0	20″.0	
1501				.44	.44				20.6	20″.6
1502					.41					20.1
5			.48					20.3		
7					.40					19.1
8		.44					20.9			
17				.38					20.7	
49					.59					19.6
57		.49					20.5			
103	.55					19.8				
106		.43					20.0			
107	.48					20.9				
115			.53					19.9		
116				.59	.59				19.5	19.5
119				.53					20.0	
0ʰ5	.49	.46	.48	.47	.49	20.4	20.4	19.9	20.2	19 8
61										
	39ˢ	38ˢ	39ˢ	—	—				—	—
5			.05					19″.1		
8		.94					20″.5			
23			.06					20.8		
26	.06	.06				20″.5	20.5			
27			.00					19.9		
51	.96					21.2				
57		.02					20.5			
63			.99					20.0		
73		.97					21.0			
85			.08					20.7		
89			.06					20.4		
103	.01					20.6				
106		.95					20.7			
107	.98					21.2				
109	.04					20.8				
115			.04					19.7		
120	.94					20.6				
1ʰ1	.00	.99	.04	—	—	20.8	20.6	20.1	—	—
62										
	−39ˢ	−39ˢ	−39ˢ	−39ˢ	—					
117			.25	.25				20″.4	20″.4	
119				.32					20.8	
131		.22					20″.8			
134			.31					20.7		
138				.29					20.2	

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
140	.24					20″.7				
144			.17					20″.2		
146	.31					20.2				
147		.18					21″.0			
169		.25					21.2			
171	.19	.19				20.2	20.2			
174	.23					21.0				
198			.17					20.4		
211			.30					20″.5		
229				.28					19″.5	
233		.21					22.2			
240	.21					20.7				
242				.29					20.7	
266				.33					20.0	
281		.28					20.3			
311				.33					20.5	
316	.27					20.5				
333	.28					20.6				
335			.28					19.6		
338	.28					20.4				
362		.34					20.2			
3ʰ6	.25	.24	.25	.30	—	20.5	20.8	20.3	20.3	—
63										
	−40ˢ	−40ˢ	−40ˢ	−40ˢ	—					
117			.67	.67				20″.5	20″.5	
119				.71					20.5	
131		.62					20″.7			
134				.74					20.5	
138				.71					19.9	
140	.67					19″.3				
144			.68					20.0		
146	.66					19.7				
147		.62					20.3			
169		.68					20.1			
171	.65	.65				19.5	19.5			
174	.60					19.7				
198			.62					20.0		
211			.71					19.9		
233		.53	.53				20.0	20.0		
240	.53					20.4				
242				.72					19.9	
266				.70					19.5	
2ʰ9	.62	.62	.64	.71	—	19.7	20.1	20.1	20.1	—
64										
	−41ˢ	−41ˢ	−41ˢ	−41ˢ	—					
117			.51	.51				19″.9	19″.9	
119				.40					20.2	
131		.45					19″.7			
134				.55					20.3	
138				.41					19.8	
140	.50					19″.9				
144			.52					19.8		
146	.51					19.5				
147		.49					20.4			

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
169		.47					20.″2			
171	.42	.42				19.″6	19.6			
174	.47					19.9				
198			.50					20.″2		
211			.58					20.1		
229				.51					19.″1	
223		.48					20.4			
240	.57					20.2				
242				.52					20.1	
266				.64					19.5	
281		.56					20.2			
309			.60					20.0		
311				.65					21.6	
316	.59					19.8				
333	.61					19.8				
335			.57					19.6		
338	.52					20.2				
362		.64					20.4			
3h6	.52	.50	.55	.52	—	19.9	20.1	20.0	20.1	—

65

	−41s	−41s	−41s	−41s	—					
117			.67	.67	—			20.″6	20.″6	
119				.62					21.1	
131		.66					21.″2			
134			.73					20.8		
138				.67					20.2	
140	.73					20.″1				
144			.67					20.6		
146	.73					20.6				
147		.74					21.0			
169		.75					21.0			
171	.68	.68				20.9	20.9			
174	.70					21.0				
198			.65					20.8		
211			.76	.76				20.0	20.0	
233		.66	.66				20.5	20.5		
240	.70					19.8				
242				.73					20.5	
266				.79					20.1	
281		.75					19.9			
309			.75					20.6		
311				.82					20.6	
316	.79					20.1				
333	.70					20.6				
335			.76					19.7		
338	.70					20.4				
362		.75					20.4			
3h6	.72	.71	.71	.72	—	20.4	20.7	20.5	20.4	—

66

	−41s	−41s	−41s	−41s	—					
117			.81	.81				20.″3	20.″3	
119				.95					20.5	
131		.97					20.″5			
134			.90					20.7		

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
138				.86						20.″1
140	.91					20.″1				
144			.89						20.″1	
146	.91					19.7				
147		.90					20.″4			
169		.93					20.8			
171	.88	.88				19.9	19.9			
174	.92					20.4				
198			.85						20.6	
211			.01	.01					20.2	20.2
229				.99						19.2
233		.84	.84				21.4	21.4		
240	.91					19.8				
242				.86						20.3
266				.06						19.5
281		.97					20.3			
309			.92						20.9	
311				.98						20.9
316	.97					20.0				
333	.96					21.2				
335			.93						20.1	
338	.92					20.5				
362		.97					20.6			
3h6	.92	.92	.89	.94	—	20.2	20.6	20.5	20.1	—

67

	−42s	−42s	−42s	−42s	—					
117			.31	.31					21.″2	21.″2
119				.25						22.1
131		.27					20.″8			
134			.34						21.5	
138				.26						21.2
140	.23					20.″8				
144			.32						20.6	
146	.23					20.1				
147		.27	.27				21.1	21.1		
169		.29					22.0			
171	.26	.26				20.9	20.9			
174	.27					21.3				
2h4	.25	.27	.31	.27	—	20.8	21.2	21.1	21.5	—

68

	−42s	−42s	−42s	−42s	—					
117			.77	.77					21.″6	21.″6
119				.72						22.2
131		.71					21.″7			
134			.79						21.5	
138				.66						20.9
140	.67					21.″1				
144			.80						20.9	
146	.73					20.4				
147		.73					21.3			
169		.75					21.4			
171	.69	.69				20.3	20.3			
174	.78					21.1				
198			.74						21.4	

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
211			.84					21.6		
233		.71	.71				21.7	21.7		
240						20.9				
242				.74					21.2	
266				.74					20.4	
281		.80					21.2			
309			.80					20.9		
311				.80					21.7	
316	.79					21.0				
333	.78					21.5				
335			.77					20.8		
338	.77					21 2				
362		.80					20.7			
3h6	.74	.74	.78	.74	—	20.9	21.2	21.3	21.3	—

69

	−44s	−44s	−44s	−44s	—					—
117			.39	.39				10.8	10.8	
119				.27					11.2	
131		.43					11.1			
134			.47					11.1		
138				.46					10.1	
140	.50					10.0				
144			.44					10.3		
146	.40					10.6				
147		.41					10.5			
169		.36					11.2			
171	.44	.44				10.2	10.2			
174	.47					10.5				
198			.41					10.0		
211			.56					10.1		
229				.54					9.1	
233		.37	.37				10.4	10.4		
240	.46					9.7				
242				.44					10.0	
266				.50					9.0	
281		.46					10.5			
309			.44					10.2		
311				.51					10.1	
316	.46					9.9				
333	.50					10.3				
335			.40					9.0		
362		.47					9.4			
3h6	.46	.42	.44	.44	—	10.2	10.5	10.2	10.0	—

70

	−44s	−44s	−44s	−44s	—					—
117			.72	.72				10.8	10.8	
119				.75					11.7	
131		.78					10.8			
134			.83					10.0		
138				.75					9.4	
140	.78					10.0				
144			.78					9.5		
146	.74					9.5				
147		.76					9.7			

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
169		.76					10.1			
171	.77	.77				9.3	9.3			
174	.76					9.8				
198			.76					9.6		
211			.93					9.4		
233		.78	.78				9.2	9.2		
240	.80					9.3				
242				.90					9.3	
266				.81					8.1	
281		.77					10.0			
309			.77					7.8		
311				.95					8.1	
316	.81					9.1				
333	.85					8.4				
335			.79					8.7		
338	.83					9.3				
362		.82					8.6			
3h6	.79	.78	.79	.81	—	9.3	9.7	9.4	9.6	—

71

	−62s	−62s	−62s	−62s	—					—
119				.36					10.5	
134			.35	.35				10.2	10.2	
138				.26					9.6	
140	.28					10.1				
144			.21					9.9		
146	.25					10.5				
147		.22					10.5			
169		.23					10.7			
171	.30	.30				9.7	9.7			
174	.29					10.5				
198			.27					11.1		
211			.37					9.9		
229				.28					9.5	
233		.16	.16				10.5	10.5		
240	.28					9.7				
242				.24					9.9	
266				.23					9.7	
309			.27					9.9		
311				.32					10.3	
316	.34					10.3				
333	.38	.38				10.6	10.6			
335			.27					10.4		
338	.27					10.4				
362		.27					10.3			
3h6	.30	.26	.27	.29	—	10.2	10.4	10.3	10.0	—

72

	−44s	−44s	−44s	−45s	—					—
169		.95					10.2			
171	.93					9.4				
174	.02					10.7				
198			.99					9.7		
211			.06	.06				9.0	9.0	
229				.11					8.1	
233		.90	.90				10.2	10.2		

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
240	.88					9.″0				
242				.89					9.″5	
266				.00					7.9	
281		.95					9.″4			
309			.01					7.″4		
311				.09					8.7	
316	.00					8.4				
333	.05	.05				8.4	8.4			
335			.01					8.0		
338	.01					8.8				
345				.15					7.3	
358				.02					7.9	
362		.05					8.5			
4^h4	.98	.98	.99	.05	—	9.1	9.3	8.9	8.3	—

73

	-5^s0	-5^s0	-5^s0	—	—				—	—
256			.33					11.″0		
264	.27					9.″8				
268		.31					10.″1			
281		.31					10.3			
309			.31					10.1		
316	.34					9.8				
333		.29					9.9			
335			.32					9.8		
338	.28					10.3				
357	.34					9.4				
362		.23					8.9			
366	.28					9.4				
370		.25					9.7			
376			.24					8.9		
5^h3	.30	.28	.30	—	—	9.7	9.8	9.9	—	—

74

	—	—	—	5^s2	5^s2	—	—	—		
259				.14					11.″0	
260				.20					11.8	
290					.06					10.″5
311				.20					10.8	
345				.21					10.0	
347					.20					10.6
355					.96					9.1
358				.22					10.1	
440					.30					10.8
449				.08	.08				10.5	10.5
463				.17					11.0	
474					.22					10.8
510					.97					10.2
533					.28					9.8
6^h3	—	—	—	.17	.13	—	—	—	10.7	10.3

75

	—	—	—	-5^s3	-5^s3	—	—	—		
259				.10					10.″6	
260				.98					10.5	

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
290					.07					9.″0
311				.96						9.″9
345				.15						8.5
347					.18					8.1
355					.12					8.3
358				.96						8.7
440					.03					9.6
449				.10	.10					9.2
463				.97						9.9
474					.99					10.7
510					.95					9.0
533					.15					9.9
6^h3	—	—	—	.03	.07	—	—	—	9.6	9.2

76

	—	—	—	-5^s3	-5^s4	—	—	—		
259				.90						
260				.07						
290					.95					9.″5
311				.91						
345				.99						8.″5
347					.18					8.3
355					.94					8.0
358				.84						8.8
440					.99					9.1
449				.91	.91					8.6
463				.93						8.3
474					.08					8.7
510					.91					8.3
533					.04					9.0
6^h3	—	—	—	.94	.00	—	—	—	8.6	8.7

77

	—	—	—	-5^s4	-5^s4	—	—	—		
259				.77					13.″3	
260				.81					12.7	
290					.92					12.″4
311				.88					12.6	
345				.93					12.5	
347					.06					12.6
355					.88					10.3
358				.96					11.7	
440					.11					11.7
449				.88	.88				12.0	12.0
463				.79					11.3	
474					.94					11.9
5^h9	—	—	—	.86	.96	—	—	—	12.3	11.8

78

	—	—	—	-5^s5	-5^s4	—	—	—		
259				.07					21.″0	
260				.11					20.4	
290					.04					20.″0
311				.05					20.7	
345				.10					19.1	

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
347					—					19.″7
355					.86					19.3
358				.00					20.″2	
440					.10					20.2
449				.02	.02				20.7	20.7
463				.01					21.0	
474					.92					21.5
510					.89					20.5
533					.95					20.3
6.3	—	—	—	.05	.97	—	—	—	20.4	20.3

79

	−55.s	−55.s	−55.s	−55.s	—					—
366	.17					22.″1				
380				.30						22.″9
394	.23					22.2				
396			.17	.17				22.″7	22.7	
402	.29	.29				22.1	22.″1			
416		.29					22.2			
419			.29					21.6		
422	.24					21.8				
426		.24					21.7			
427		.25					22.0			
441			.30					22.0		
457			.33					21.8		
459	.30					21.1				
472		.24					22.4	22.4		
478	.21					21.6				
481			.26					21.8		
485			.31	.31				22.4	22.4	
498			.24					21.6		
500	.27					22.5				
514				.13					21.3	
522			.25					22.0		
536		.17					21.1			
541				.21					21.5	
544				.30					21.2	
572		.30					20.4			
598				.09					21.3	
600				.28					21.2	
7.h7	.24	.25	.27	.22	—	21.9	21.7	22.0	21.8	—

80

	−55.s	−55.s	−55.s	−55.s	—					—
366	.73					21.″4				
380				.80						20.″3
394	.77					21.0				
396			.71	.71				21.″4	21.4	
402	.76	.76				20.6	20.″6			
416							20.9			
419			.82					21.0		
422	.70					21.1				
426		.72					20.9			
427		.73					21.0			
441			.81					20.9		
459	.81					20.4				

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
472		.73								
478	.74					21.″3				
481			.76					21.″3		
485			.76	.76				21.8	21.″8	
498			.78					20.6		
500	.76					21.7				
508				.81					21.2	
514				.70					21.5	
522			.76					21.1		
536		.76					20.8			
541				.77					21.0	
544				.84					20.2	
572		.77					21.1			
598				.67					21.1	
600				.77						
7.h7	.75	.75	.77	.76		21.1	20.9	21.2	21.1	

81

	+1.s	+1.s	+1.s	+1.s	—					—
366	.52					21.″4				
380				.71						20.″6
394	.69					21.2				
396			.75	.75					20.″8	20.8
402	.59	.59				20.8	20.″8			
416		.56					20.7			
419			.65						20.7	
422	.62					20.9				
426		.64					20.7			
427		.70					20.6			
441			.53						20.8	
457			.63						19.7	
459	.60					20.0				
472		.58	.58				20.1	20.1		
478	.62					20.6				
481			.63						19.8	
485			.63	.63					20.2	20.2
498			.59						19.9	
500	.66					20.7				
508				.73						19.6
514				.76						19.4
522			.64						19.6	
536		.61					19.8			
541				.60						19.1
544				.61						19.1
572		.67					18.4			
598				.81						19.7
600				.75						19.1
7.h7	.61	.62	.63	.71	—	20.8	20.1	20.2	19.7	—

82

	+1.s	+1.s	+1.s	+1.s	—					—
366	.35					21.″7				
380				.23						21.″9
394	.27					21.5				
396			.39	.39					22.″4	22.4
402	.30	.30				21.5	21.″5			

[1] Los puntos del Ecuador son siempre positivos.

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
416		.23					22″.2			
419			.19					21″.6		
422	.30					21″.2				
426		.24					21.6			
427		.28					21.0			
441			.24					21.4		
457			.22					21.0		
472		.29	.29				21.3	21.3		
478	.33					21.7				
481			.28					21.6		
485			.25	.25				21.8	21″.8	
498			.25					20.9		
500	.23					22.3				
508				.29					22.2	
514				.32					21.5	
522			.26					21.1		
536		.30					21.2			
541				.30					20.8	
544				.18					20.9	
572		.27					21.2			
598				.33					21.0	
600				.31					21.3	
7^h7	.30	.27	.26	.29		21.6	21.4	21.5	21.5	—

83

	$+1^s$	$+1^s$	$+1^s$	$+1^s$	—					—
366	.07					22″.1				
380				.05					22″.0	
394	.06					22.2				
396			.10	.10				22″.0	22.0	
402	.01	.01				22.3	22″.3			
416		.95					21.9			
419			.01					22.1		
422	.06					21.9				
426		.08					22.3			
427		.04					21.6			
441			.00					22.1		
457			.03					21.7		
459	.98					21.6				
472		.05	.05				21.9	21.9		
478	.10					22.1				
481			.00					21.5		
485				.97					22.1	
498			.05					21.5		
500	.08					22.3				
508				.02					21.2	
514				.15					21.5	
522			.02					21.5		
536		.06					21.5			
541				.05					22.5	
544				.98					21.7	
572		.03					21.5			
598				.13					21.5	
600				.03					22.3	
7^h7	.05	.03	.03	.05	—	22.1	21.9	21.8	21.9	—

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45	60°	75°	15°	30°	45°	60°	75°

84

	-13^s	-13^s	-13^s	-13^s	—					—
366	.06					21″.8				
380				.07					22″.2	
394	.07					22.1				
396			.02	.02				22″.8	22.8	
402	.07	.07				21.8	21″.8			
416		.14					21.7			
419			.15					22.3		
422	.06					21.5				
426		.05					21.9			
427		.10					21.4			
441			.12					21.8		
457			.07					21.4		
459	.12					21.3				
472		.09	.09				22.1	22.1		
481			.09					21.4		
485				.10					22.7	
498			.06					21.6		
500	.08					22.1				
508				.10					21.7	
514				.00					21.2	
522			.12					22.1		
536		.02					21.4			
541				.03					21.5	
544				.07					21.6	
572		.09					21.0			
598				.90					22.0	
600				.90					22.3	
7^h7	.08	.08	.09	.02	—	21.8	21.6	21.9	22.0	—

85

	$+0^s$	$+0^s$	$+0^s$	—	—				—	—
366	.54					21″.7				
394	.58					21.3				
402	.55					21.1				
416		.44					21″.5			
419			.48					20″.9		
422	.54					21.3				
426		.52					21.6			
427		.48					20.9			
441			.40					21.5		
457			.50					21.6		
459	.45					21.6				
472		.44					22.0			
478	.62					21.7				
481			.47					21.2		
485			.41					22.1		
498			.50					21.3		
500	.51					21.8				
522			.43					21.1		
536		.54					22.3			
572		.48					21.8			
7^h6	.54	.48	.46	—	—	21.5	21.7	21.4	—	—

[1] Los puntos del Ecuador son siempre positivos.

86

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
	+ 0ˢ	+ 0ˢ	+ 0ˢ	—	—				—	—
366	.06					21″.6				
394	.10					21.7				
402	.02					22.0				
416		.03					21″.6			
419			.00					22″.0		
422	.07					21.9				
426		.09					22.5			
427		.03					21.1			
441			.01					22.8		
457			.07					21.2		
459	.01					21.3				
472		.09					21.2			
478	.08					21.6				
481			.05					21.8		
485			.05					22.0		
498			.11					21.6		
500	.04					22.3				
522			.08					21.6		
536		.10					21.8			
572		.02					21.8			
7ʰ5	.05	.06	.05	—	—	21.8	21.7	21.9	—	—

87

	−0ˢ	−0ˢ	−0ˢ	—	—				—	—
366	.11					21″.8				
394	.15					22.0				
402	.19	.19				21.0	21″.0			
416		.20					21.6			
419			.11					20″.9		
422	.10					21.1				
426		.12					20.9			
427		.22					21.4			
441			.17					21.0		
457			.12					21.3		
459	.19	.19				20.7	20.7			
472		.13	.13				21.2	21.2		
478	.14					21.3				
481			.18					21.5		
485			.17					21.5		
498			.17					21.6		
500	.15					22.5				
572		.12					21.2			
7ʰ5	.15	.17	.15	—	—	21.5	21.1	21.3	—	—

88

	−14ˢ	−14ˢ	−14ˢ	−14ˢ	—					—
366	.94					12″.4				
380				.83					13″.4	
394	.89					12.6				
396			.83	.83				12″.6	12.6	
402	.87	.87				12.4	12″.4			
416		.87					12.3			

	$\Delta t + m$					P. del E. [1]				
	15°	30°	45°	60°	75°	15°	30°	45°	60°	75°
419			.93					12″.6		
422	.84					12″.7				
426		.86					12″.7			
427		.90					12.7			
441			.83					13.0		
457			.80					12.0		
459	.96					11.9				
472		.83	.83				12.3	12.3		
478	.86					12.7				
481			.84					12.7		
485				.84					12″.8	
498			.86					11.9		
500	.96					13.4				
508				.83					12.0	
514				.76					12.8	
522			.85					12.9		
536		.79					12.3			
541				.83					12.4	
544				.91					12.7	
572		.97					11.9			
598				.69					12.4	
600				.86					12.4	
7ʰ7	.90	.87	.85	.82	—	12.6	12.4	12.5	12.6	—

89

	−1ˢ	−1ˢ	−1ˢ	−1ˢ	—					—
366	.39					11″.9				
380				.40					12″.6	
394	.40					12.5				
396			.47	.47				12″.6	12.6	
402	.47	.47				11.3	11″.3			
416		.51					12.0			
419			.48					11.7		
422	.39					11.2				
426		.35					11.0			
427		.48					10.3			
441			.43					11.5		
457			.46					10.8		
459	.48					11.0				
472		.35	.35				11.7	11.7		
478	.42					11.3				
481			.49					11.6		
485				.51					12.3	
498			.47					10.8		
500	.52					12.2				
508				.55					10.8	
514				.40					11.4	
522			.41					11.4		
536		.37					11.5			
541				.36					11.9	
544				.40					11.2	
572		.44					10.5			
598				.37					11.0	
600				.29					11.2	
7ʰ7	.44	.42	.44	.42	—	11.6	11.2	11.5	11.7	—

[1] Los puntos del Ecuador son siempre positivos.

90

	$\Delta t + m$ 15°	30°	45°	60°	75°	P. del E. [1] 15°	30°	45°	60°	75°
	−1ˢ	−1ˢ	−1ˢ	−1ˢ	—					—
366	.54					12″.0				
380				.50					12″.9	
394	.58					13.1				
396			.46	.46				12″.7	12.7	
402	.56	.56				11.9	11″.9			
416		.61					12.8			
419			.55					12.1		
422	.53					12.3				
426		.43					12.4			
427		.54					12.0			
441			.50					12.8		
457			.54					11.5		
459	.57					11.4				
472		.49	.49				12.1	12.1		
478	.50					12.1				
481			.41					12.4		
485				.56					12.8	
498			.49					12.1		
500	.55					12.7				
508				.48					12.7	
514				.43					12.0	
522			.44					11.8		
536		.49					12.6			
541				.56					11.9	
544				.54					11.2	
572		.54					11.6			
598				.42					12.1	
600				.55					12.1	
7ʰ.7	.55	.52	.48	.50	—	12.2	12.2	12.2	12.3	—

91

	$\Delta t + m$ 15°	30°	45°	60°	75°	P. del E. [1] 15°	30°	45°	60°	75°
	−1ˢ	−1ˢ	−1ˢ	−1ˢ	−1ˢ					
366	.84					12″.9				
380				.72					13″.0	
394	.86					12.6				
396			.74	.74				13″.0	13″.0	
402	.82	.82				12.4	12″.4			
416		.86					12.9			
419			.88					12.7		
422	.84					11.9				
426							12.3			
427		.80					12.2			
440					.82					12″.5
441			.81					12.7		

	$\Delta t + m$ 15°	30°	45°	60°	75°	P. del E. [1] 15°	30°	45°	60°	75°
457			.79						12″.0	
459	.88					11″.4				
472					.84					12″.2
478	.83					11.8				
481		.73	.73				12″.3	12.3		
485				.82					12″.6	
498			.81					12.1		
500	.86					12.8				
510					.60					11.3
536		.77					12.3			
541				.72					12.2	
544				.71					12.1	
572		.80					11.9			
587					.77					11.5
598				.70					12.3	
600				.70	.70				12.7	12.7
7ʰ.7	.85	.80	.79	.73	.75	12.3	12.3	12.5	12.6	12.0

92

	$\Delta t + m$ 15°	30°	45°	60°	75°	P. del E. [1] 15°	30°	45°	60°	75°
	−2ˢ	—	—	—	—		—	—	—	—
366	.00					12″.9				
394	.09					13.7				
402	.04					12.8				
416	.03					13.1				
419	.04					13.1				
6ʰ.5	.04	—	—	—	—	13.1	—	—	—	—

93

	$\Delta t + m$ 15°	30°	45°	60°	75°	P. del E. [1] 15°	30°	45°	60°	75°
	−5ˢ	−5ˢ	−5ˢ	—	—				—	—
394	.71					13″.2				
396			.54					13″.3		
402	.65	.65				13.0	13″.0			
416		.73					13.1			
419			.60					13.0		
422	.70					13.4				
426		.69					12.9			
427		.70					12.8			
441								13.5		
457			.68					13.2		
459	.73					12.4				
478	.73					12.7				
481			.65				12.8	12.8		
498			.64					12.7		
500	.75					13.8				
522			.62					12.7		
572		.65					12.0			
7ʰ.4	.71	.68	.62	—	—	13.1	12.8	13.0	—	—

[1] Los puntos del Ecuador son siempre positivos

C. Valores observados de α y δ

Época 1930 +	α 1937.0	δ 1937.0
	Área 116	
1	0^h12^m	14°34′
7.728	$20^s.77$	20″.6
7.747	20.81	20.8
7.808	20.79	20.8
7.821	20.72	20.2
7.862	20.79	20.3
7.793	20.78	20.5
2	0^h12^m	14°24′
7.750	52.33	12.7
7.791	52.40	12.8
7.802	52.38	12.3
7.805	52.45	12.4
7.857	52.33	12.5
7.801	52.38	12.5
3	0^h12^m	14°56′
7.728	58.78	27.2
7.747	58.71	27.7
7.808	58.85	27.0
7.821	58.80	27.9
7.862	58.78	27.2
7.793	58.78	27.4
4	0^h13^m	14°49′
7.750	6.33	19.1
7.791	6.35	19.1
7.802	6.36	18.9
7.805	6.35	18.4
7.857	6.27	18.9
7.801	6.33	18.9
5	0^h13^m	15°4′
7.728	40.78	3.2
7.747	40.72	3.6
7.808	40.80	3.3
7.821	40.75	3.1
7.862	40.75	2.7
7.793	40.76	3.2
6	0^h13^m	14°41′
7.750	50.16	34.9
7.791	50.04	35.1
7.802	50.11	34.7
7.805	50.12	35.2
7.787	50.11	35.0
7	0^h14^m	15°8′
7.728	12.70	57.2
7.747	12.65	57.7
7.808	12.66	56.9
7.821	$12^s.73$	57″.5
7.862	12.67	58.0
7.793	12.68	57.5
8	0^h14^m	14°39′
7.750	52.89	39.4
7.791	52.86	39.8
7.802	52.93	39.9
7.805	52.85	39.8
7.862	52.96	39.8
7.802	52.90	39.7
9	0^h16^m	15°10′
7.728	10.66	55.4
7.747	10.58	55.7
7.808	10.59	55.7
7.821	10.65	55.3
7.862	10.63	55.4
7.793	10.62	55.5
10	0^h16^m	14°10′
7.750	47.40	23.7
7.791	47.38	23.3
7.802	47.41	24.0
7.805	47.38	24.0
7.862	47.43	23.2
7.802	47.40	23.6
	Área 117	
11	1^h11^m	14°36′
7.728	24.43	23.8
7.747	24.42	23.7
7.808	24.42	23.2
7.821	24.43	23.6
7.857	24.44	23.5
7.792	24.43	23.6
12	1^h12^m	14°14′
7.750	14.30	7.5
7.791	14.33	7.4
7.802	14.34	7.7
7.805	14.38	7.3
7.862	14.30	7.3
7.802	14.33	7.4
13	1^h13^m	14°46′
7.728	13.39	57.1
7.747	13.41	56.9
7.808	13.45	56.9
7.821	13.42	56.9
7.857	13.44	56.9
7.792	13.42	56.9
14	1^h13^m	13°52′
7.750	$19^s.60$	47″.6
7.791	19.58	47.9
7.802	19.59	47.7
7.805	19.56	48.2
7.862	19.58	48.0
7.802	19.58	47.9
15	1^h13^m	14°57′
7.728	43.32	0.5
7.747	43.28	0.3
7.808	43.32	0.3
7.821	43.32	0.9
7.857	43.31	0.3
7.792	43.31	0.5
16	1^h13^m	14°31′
7.750	56.00	7.5
7.791	55.95	7.7
7.802	56.04	7.5
7.805	55.99	7.7
7.862	55.95	7.4
7.802	55.99	7.6
17	1^h14^m	14°44′
7.728	19.85	20.6
7.747	19.85	21.1
7.808	19.87	20.6
7.821	19.86	21.1
7.857	19.84	21.3
7.792	19.85	20.9
18	1^h15^m	13°43′
7.791	35.68	41.5
7.802	35.57	40.5
7.805	35.72	41.1
7.832	35.67	41.1
7.862	35.67	40.8
7.818	35.66	41.0
19	1^h15^m	15°10′
7.728	57.63	29.7
7.747	57.64	29.6
7.808	57.61	29.3
7.821	57.63	29.6
7.857	57.69	29.8
7.792	57.64	29.6
20	1^h16^m	14°56′
7.750	6.11	54.7
7.791	6.08	54.2
7.802	6.09	54.5
7.805	$6^s.15$	54″.3
7.862	6.10	54.4
7.802	6.11	54.4
	Área 118	
21	2^h15^m	14°25′
7.864	6.85	27.5
7.886	6.85	27.1
7.897	6.80	27.3
7.938	6.80	28.1
7.942	6.86	27.8
7.905	6.83	27.6
22	2^h15^m	14°32′
7.900	48.59	26.4
7.903	48.62	26.2
7.908	48.61	26.1
7.914	48.57	26.4
7.933	48.60	26.0
7.912	48.60	26.2
23	2^h16^m	14°37′
7.864	45.31	38.5
7.897	45.33	38.3
7.938	45.31	38.3
7.942	45.36	38.1
7.908	45.33	38.3
24	2^h17^m	14°42′
7.900	6.56	23.3
7.903	6.55	22.9
7.908	6.57	23.0
7.914	6.58	23.1
7.933	6.62	22.9
7.912	6.58	23.0
25	2^h17^m	14°54′
7.864	16.00	47.5
7.886	16.05	47.4
7.897	16.04	47.4
7.938	16.04	47.6
7.942	16.08	47.9
7.905	16.04	47.6
26	2^h18^m	14°51′
7.900	32.33	3.4
7.903	32.41	4.2
7.908	32.31	3.9
7.914	32.41	4.1
7.933	32.39	4.4
7.912	32.37	4.0

Época 1930 +	α 1937.0	δ 1937.0
27	2^h18^m	14°44′
7.864	42ˢ.07	58″.7
7.886	42.11	59.3
7.897	42.08	58.5
7.938	42.08	58.6
7.942	42.09	58.4
7.905	42.09	58.7
28	2^h18^m	14°34′
7.900	48.47	16.1
7.903	48.47	15.1
7.908	48.45	15.2
7.914	48.45	14.9
7.933	48.47	16.1
7.912	48.46	15.5
29	2^h18^m	15°12′
7.864	58.21	35.9
7.886	58.26	36.1
7.897	58.22	36.8
7.938	58.19	36.2
7.942	58.16	36.2
7.905	58.21	36.2
30	2^h19^m	15°11′
7.900	44.77	15.4
7.903	44.79	14.9
7.908	44.83	14.8
7.914	44.79	14.9
7.933	44.81	16.1
7.912	44.80	15.2
Área 119		
31	3^h9^m	14°28′
7.864	8.05	34.8
7.886	8.04	34.8
7.897	8.07	35.5
7.942	8.07	34.8
7.945	8.04	35.1
7.907	8.05	35.0
32	3^h10^m	14°25′
7.900	11.15	12.2
7.903	11.20	12.4
7.914	11.22	12.4
7.933	11.15	12.2
7.938	11.12	12.3
7.918	11.17	12.3
33	3^h11^m	15°4′
7.864	36.45	15.6
7.886	36.47	16.3
7.897	36.46	16.2
7.942	36.44	16.5
7.945	36.46	15.8
7.907	36.46	16.1

Época 1930 +	α 1937.0	δ 1937.0
34	3^h11^m	14°40′
7.900	52ˢ.37	34″.6
7.903	52.39	35.1
7.914	52.42	34.5
7.933	52.40	34.8
7.938	52.38	34.6
7.918	52.39	34.7
35	3^h12^m	14°3′
7.864	6.56	38.9
7.886	6.60	39.0
7.897	6.56	39.7
7.942	6.55	39.1
7.945	6.54	38.8
7.907	6.56	39.1
36	3^h12^m	15°1′
7.900	56.19	45.4
7.903	56.23	45.0
7.914	56.18	45.1
7.933	56.18	45.5
7.938	56.21	45.5
7.918	56.20	45.3
37	3^h12^m	14°22′
7.864	56.24	41.1
7.886	56.30	41.1
7.897	56.24	41.4
7.942	56.23	40.9
7.945	56.19	41.1
7.907	56.24	41.1
Área 120		
38	4^h11^m	15°11′
7.864	10.09	21.4
7.886	10.09	21.5
7.897	10.05	22.1
7.942	10.05	21.8
7.945	10.14	21.7
7.907	10.08	21.7
39	4^h11^m	14°48′
7.900	26.30	15.7
7.903	26.32	16.4
7.914	26.34	15.7
7.933	26.39	15.4
7.938	26.32	15.2
7.918	26.33	15.7
40	4^h11^m	15°0′
7.864	44.78	31.1
7.886	44.83	30.4
7.897	44.79	31.2
7.942	44.87	30.6
7.945	44.88	30.9
7.907	44.83	30.8

Época 1930 +	α 1937.0	δ 1937.0
41	4^h12^m	14°33′
7.900	4ˢ.70	47″.4
7.903	4.62	47.6
7.914	4.66	47.6
7.933	4.68	47.3
7.938	4.63	47.9
7.918	4.66	47.6
42	4^h13^m	15°5′
7.864	10.45	6.2
7.886	10.42	5.5
7.897	10.42	6.1
7.942	10.39	6.3
7.945	10.41	6.4
7.907	10.42	6.1
43	4^h13^m	15°14′
7.900	11.69	54.8
7.903	11.74	54.9
7.914	11.74	54.9
7.933	11.74	55.4
7.938	11.67	55.3
7.918	11.72	55.1
44	4^h13^m	15°0′
7.864	51.94	51.7
7.886	51.89	51.8
7.897	51.99	51.3
7.942	51.84	51.6
7.945	51.88	51.1
7.907	51.91	51.5
45	4^h14^m	15°33′
7.900	4.04	56.9
7.903	4.11	56.5
7.914	4.09	56.7
7.933	4.08	56.9
7.938	4.13	56.9
7.918	4.09	56.8
46	4^h15^m	14°47′
7.864	20.45	29.6
7.886	20.39	29.2
7.897	20.48	29.1
7.942	20.42	29.2
7.945	20.44	29.0
7.907	20.44	29.2
47	4^h15^m	14°41′
7.900	46.87	55.4
7.903	46.89	55.4
7.914	46.97	55.9
7.933	46.91	55.7
7.938	46.83	56.1
7.918	46.89	55.7

Época 1930 +	α 1937.0	δ 1937.0
48	4^h15^m	14°37′
7.864	52ˢ.22	54″.3
7.897	52.21	53.7
7.942	52.22	54.7
7.945	52.23	53.9
8.011	52.25	54.4
7.932	52.23	54.2
Área 121		
49	5^h13^m	15°9′
7.864	53.94	36.7
7.897	53.90	36.5
7.942	53.95	36.7
7.945	53.90	36.6
8.011	53.92	36.4
7.932	53.92	36.6
50	5^h14^m	15°1′
7.900	9.60	23.7
7.903	9.60	24.0
7.714	9.66	23.7
7.933	9.64	24.3
7.938	9.63	24.4
7.918	9.63	24.0
51	5^h14^m	15°17′
7.864	44.35	10.2
7.897	44.33	10.6
7.942	44 32	10.9
7.900	44.33	10.6
52	5^h16^m	14°49′
7.900	33.90	56.7
7.903	33.90	56.7
7.914	33.95	57.0
7.933	33.89	56.8
7.938	33.89	56.8
7.918	33.91	56.8
53	5^h17^m	14°39′
7.864	39.83	11.6
7.897	39.86	11.3
7.942	39.89	10.6
7.945	39.87	11.5
8.011	39.98	12.0
7.932	39.89	11.4
54	5^h17^m	14°41′
7.900	5.10	32.3
7.903	5.10	32.5
7.914	5.12	32.6
7.933	5.12	32.4
7.938	5.12	32.4
7.918	5.11	32.4

Época 1930 +	α 1937.0	δ 1937.0
55	5^h18^m	14°12′
7.864	20ˢ.39	51″.0
7.897	20.30	51.9
7.942	20.31	50.8
7.945	20.29	51.5
8.011	20.35	51.6
7.932	20.33	51.4
56	5^h18^m	15°12′
7.900	26.97	44.5
7.903	27.02	44.6
7.914	27.05	44.7
7.933	26.99	44.5
7.938	26.96	—
7.918	27.00	44.6
57	5^h18^m	14°22′
7.864	29.09	35.8
7.897	29.03	36.8
7.942	29.12	37.9
7.945	29.05	36.7
8.011	29.05	36.9
7.932	29.07	36.8
58	5^h18^m	14°36′
7.900	29.56	59.6
7.903	29.54	59.6
7.914	29.52	59.3
7.933	29.50	59.9
7.938	29.54	59.7
7.918	29.53	59.6
59	5^h19^m	15°31′
7.864	6.47	47.4
7.897	6.48	47.2
7.942	6.51	48.2
7.945	6.54	47.6
7.914	6.50	47.6

Época 1930 +	α 1938.0	δ 1938.0
	Área 122	
60	6^h13^m	15°19′
8.071	0.33	54.2
8.078	0.36	55.2
8.107	0.32	54.6
8.142	0.34	54.7
8.148	0.31	54.7
8.109	0.33	54.7
61	6^h13^m	15°22′
8.109	14.72	18.3
8.112	14.72	17.9
8.115	14.70	17.9
8.145	14.75	18.2
8.120	14.72	18.1

Época 1930 +	α 1938.0	δ 1938.0
62	6^h13^m	15°15′
8.120	41ˢ.90	53″.3
8.126	41.87	53.4
8.129	41.94	53.3
8.131	41.88	53.7
8.140	41.97	53.1
8.129	41.91	53.4
63	6^h14^m	15°6′
8.071	1.80	8.5
8.078	1.80	8.2
8.107	1.81	8.6
8.142	1.78	8.3
8.148	1.85	8.8
8.109	1.81	8.5
64	6^h14^m	14°28′
8.109	26.22	21.6
8.112	26.20	21.8
8.115	26.23	22.2
8.145	26.23	22.1
8.120	26.22	21.9
65	6^h14^m	15°25′
8.120	48.84	36.3
8.126	48.84	36.3
8.129	48.85	36.1
8.131	48.87	36.5
8.140	48.90	36.6
8.129	48.86	36.4
66	6^h15^m	14°34′
8.071	40.55	20.8
8.078	40.52	20.2
8.107	40.52	20.5
8.142	40.60	20.6
8.148	40.57	20.5
8.109	40.55	20.5
67	6^h15^m	14°49′
8.109	59.35	7.0
8.112	59.33	6.2
8.115	59.35	6.5
8.145	59.31	7.1
8.120	59.34	6.7
68	6^h16^m	14°59′
8.120	0.23	56.1
8.126	0.15	56.2
8.129	0.22	56.5
8.131	0.21	56.0
8.140	0.21	56.6
8.129	0.20	56.3
69	6^h16^m	15°22′
8.071	11.95	37.1
8.078	11.95	37.4
8.107	11.94	37.2

Época 1930 +	α 1938.0	δ 1938.0
8.142	11ˢ.97	37″.5
8.148	11.94	37.5
8.109	11.95	37.3
	Área 123	
70	7^h14^m	14°44′
8.071	56.63	29.1
8.078	56.54	29.1
8.107	56.60	29.3
8.145	56.59	29.1
8.189	56.62	29.0
8.118	56.60	29.1
71	7^h15^m	15°18′
8.109	14.04	8.8
8.112	14.05	8.7
8.115	13.97	8.7
8.142	14.06	8.4
8.120	14.03	8.6
72	7^h15^m	15°30′
8.120	20.84	53.1
8.126	20.74	53.1
8.129	20.82	53.4
8.131	—	53.8
8.140	20.78	53.7
8.145	20.82	—
8.132	20.80	53.4
73	7^h16^m	15°46′
8.071	44.98	14.4
8.078	44.99	14.6
8.107	44.96	13.8
8.145	44.96	14.3
8.189	44.96	14.5
8.118	44.97	14.3
74	7^h16^m	15°8′
8.109	56.22	41.4
8.112	56.22	41.6
8.115	56.22	41.1
8.142	56.20	41.4
8.120	56.22	41.4
75	7^h16^m	15°23′
8.120	57.97	45.3
8.126	57.88	45.4
8.129	57.89	45.0
8.131	—	44.8
8.140	57.96	45.9
8.129	57.92	45.3
76	7^h17^m	14°45′
8.071	34.71	8.2
8.107	34.76	8.1
8.189	34.69	8.0
8.122	34.72	8.1

Época 1930 +	α 1938.0	δ 1938.0
77	7^h18^m	14°31′
8.109	11ˢ.77	40″.2
8.112	11.80	40.3
8.115	11.77	40.2
8.142	11.76	39.6
8.189	11.75	39.4
8.133	11.77	39.9
78	7^h18^m	15°20′
8.120	50.68	53.2
8.126	50.73	53.8
8.129	50.66	53.7
8.140	50.75	53.6
8.129	50.70	53.6
79	7^h19^m	14°57′
8.071	7.97	59.6
8.078	7.97	59.6
8.107	7.96	59.8
8.142	8.00	60.0
8.145	7.95	60.0
8.109	7.97	59.8
	Área 124	
80	8^h13^m	15°29′
8.071	20.65	40.6
8.078	20.71	40.3
8.107	20.69	40.5
8.142	20.66	41.0
8.145	20.61	41.3
8.109	20.66	40.7
81	8^h13^m	14°45′
8.109	47.47	28.0
8.112	47.45	28.1
8.115	47.47	27.9
8.142	47.43	28.2
8.145	47.41	27.9
8.125	47.45	28.0
82	8^h13^m	14°57′
8.120	60.02	34.7
8.126	59.95	35.3
8.129	59.99	35.0
8.131	59.99	35.1
8.140	60.00	35.6
8.129	59.99	35.1
83	8^h14^m	15°35′
8.071	55.10	59.5
8.078	55.14	59.7
8.107	55.09	60.0
8.145	55.14	59.9
8.189	55.12	59.7
8.118	55.12	59.8

Época 1930 +	α 1938.0	δ 1938.0
84	8^h15^m	14°46′
8.109	8ˢ80	51″6
8.112	8.75	51.9
8.115	8.78	51.4
8.142	8.76	51.4
8.120	8.77	51.6
85	8^h15^m	15°17′
8.120	27.49	35.9
8.126	27.53	36.4
8.129	27.45	35.9
8.131	27.53	37.1
8.140	27.48	36.4
8.129	27.50	36.5
86	8^h15^m	15°14′
8.071	43.05	15.8
8.078	43.01	—
8.107	43.02	16.2
8.145	43.06	15.9
8.189	43.03	15.5
8.118	43.03	15.8
87	8^h16^m	14°40′
8.109	18.92	35.0
8.112	18.87	34.5
8.115	18.89	34.5
8.142	18.92	34.8
8.120	18.90	34.7
88	8^h16^m	15°18′
8.120	48.11	50.1
8.126	48.08	49.8
8.129	48.10	49.6
8.131	48.01	49.8
8.140	48.15	49.3
8.129	48.09	49.7
89	8^h17^m	14°41′
8.071	13.90	55.9
8.078	13.92	56.1
8.107	13.83	56.2
8.145	13.84	56.7
8.189	13.86	56.7
8.118	13.87	56.3
90	8^h17^m	15°23′
8.109	23.67	5.3
8.112	23.73	5.5
8.115	23.66	5.5
8.142	23.68	6.4
8.189	23.58	5.6
8.133	23.66	5.7

Área 125

Época 1930 +	α 1938.0	δ 1938.0
91	9^h11^m	15°0′
8.071	41ˢ64	54″1
8.078	41.64	54.2
8.107	41.65	53.6
8.145	41.66	54.4
8.189	41.63	53.8
8.118	41.64	54.0
92	9^h11^m	14°41′
8.109	44.40	20.0
8.112	44.38	20.2
8.115	44.33	19.9
8.142	44.41	19.1
8.120	44.38	19.8
93	9^h11^m	14°36′
8.120	56.80	11.7
8.126	56.74	11.7
8.129	56.73	12.1
8.131	56.75	11.7
8.140	56.77	11.9
8.129	56.76	11.8
94	9^h12^m	14°45′
8.071	28.97	57.3
8.078	28.92	57.2
8.107	28.94	56.9
8.145	28.93	57.4
8.189	28.92	57.1
8.118	28.94	57.2
95	9^h12^m	15°5′
8.109	39.59	34.6
8.112	39.61	34.4
8.115	39.59	34.3
8.142	39.60	34.6
8.120	39.60	34.5
96	9^h14^m	15°14′
8.120	7.00	50.5
8.126	6.88	50.8
8.129	6.90	50.9
8.131	7.00	50.7
8.140	6.95	51.6
8.129	6.95	50.9
97	9^h15^m	15°13′
8.071	27.10	41.9
8.078	27.08	42.9
8.107	27.11	42.3
8.145	27.07	42.4
8.189	27.15	42.7
8.118	27.10	42.4

Época 1930 +	α 1938.0	δ 1938.0
98	9^h15^m	14°54′
8.109	37ˢ33	14″0
8.112	37.34	14.0
8.115	37.30	14.0
8.142	37.34	13.5
8.189	37.25	14.1
8.133	37.31	13.9
99	9^h16^m	15°31′
8.120	22.05	21.5
8.126	22.05	21.4
8.129	22.04	21.7
8.131	22.13	21.6
8.140	22.13	21.7
8.129	22.08	21.6
100	9^h16^m	15°34′
8.071	37.52	15.4
8.078	37.43	16.0
8.107	37.41	15.3
8.142	37.46	16.1
8.145	37.46	16.3
8.109	37.46	15.8

Época 1930 +	α 1937.0	δ 1937.0

Área 126

101	10^h16^m	15°0′
7.246	3.18	34.2
7.249	3.20	34.0
7.274	3.16	34.0
7.282	3.13	33.6
7.288	3.18	34.4
7.293	3.16	34.1
7.272	3.17	34.0
102	10^h17^m	14°40′
7.246	32.34	8.4
7.249	32.45	7.8
7.274	32.44	9.2
7.282	32.41	8.9
7.288	32.40	8.5
7.293	32.43	8.3
7.272	32.41	8.5
103	10^h17^m	15°10′
7.255	47.08	3.3
7.257	47.06	2.8
7.263	47.04	3.9
7.268	47.04	3.1
7.271	47.07	—
7.263	47.06	3.3
104	10^h18^m	14°52′
7.246	38.89	56.7
7.249	38.83	56.6

Época 1930 +	α 1937.0	δ 1937.0
7.274	38ˢ90	56″3
7.282	38.92	55.8
7.288	38.86	56.0
7.293	38.88	57.3
7.272	38.88	56.4
105	10^h18^m	15°19′
7.255	40.72	58.1
7.257	40.83	58.8
7.263	40.83	58.2
7.268	40.77	58.7
7.271	40.79	57.6
7.263	40.79	58.3
106	10^h19^m	15°44′
7.246	40.95	23.8
7.274	40.86	22.7
7.282	40.88	23.5
7.288	40.90	23.1
7.272	40.90	23.3
107	10^h19^m	15°51′
7.255	59.58	1.6
7.257	59.56	2.0
7.263	59.50	1.8
7.268	59.61	1.7
7.293	59.49	2.5
7.267	59.55	1.9
108	10^h20^m	15°5′
7.249	1.08	37.1
7.271	1.05	37.1
7.284	1.11	37.2
7.288	1.10	37.0
7.273	1.08	37.1
109	10^h20^m	15°19′
7.255	5.01	49.6
7.257	5.03	49.4
7.274	4.92	47.3
7.293	5.01	48.8
7.270	4.99	48.8

Área 127

110	11^h12^m	16°0
7.246	32.11	30.7
7.249	32.18	30.3
7.274	32.19	30.5
7.288	32.19	30.6
7.293	32.17	31.5
7.270	32.17	30.7
111	11^h14^m	15°56′
7.246	1.50	59.5
7.249	1.43	59.9
7.271	1.45	59.1

Época 1930 +	α 1937.0	δ 1937.0
7.288	1ˢ45	59″6
7.293	1.43	59.7
7.270	1.45	59.6
112	11^h14^m	15°28′
7.255	51.13	39.4
7.257	51.10	39.6
7.263	51.08	38.4
7.268	51.04	38.5
7.271	51.16	39.5
7.263	51.10	39.1
113	11^h16^m	15°54′
7.246	3.81	2.2
7.249	3.77	2.3
7.274	3.80	3.0
7.288	3.80	2.9
7.293	3.74	2.5
7.270	3.78	2.6
114	11^h16^m	15°53′
7.255	35.52	17.1
7.257	35.53	17.1
7.263	35.54	17.2
7.268	35.52	17.6
7.271	35.47	17.4
7.263	35.52	17.3
115	11^h16^m	14°58′
7.246	38.70	0.1
7.249	38.68	0.3
7.274	38.67	0.0
7.288	38.71	0.4
7.293	38.70	59.9
7.270	38.69	0.1

Área 128

116	12^h13^m	15°34′
7.246	8.14	39.3
7.249	8.18	39.2
7.274	8.11	38.4
7.288	8.10	39.1
7.264	8.13	39.0
117	12^h13^m	14°53′
7.257	57.46	7.6
7.263	57.51	7.0
7.271	57.46	8.1
7.293	57.45	7.7
7.271	57.47	7.6
118	12^h15^m	15°14′
7.246	6.83	38.7
7.249	6.81	38.5
7.274	6.81	38.2
7.288	6.83	38.4
7.264	6.82	38.4
119	12^h15^m	15°27′
7.257	9.11	38.8
7.263	9.11	38.7
7.271	9.09	38.0
7.293	9.06	39.0
7.271	9.09	38.6
120	12^h15^m	15°26′
7.246	44.01	14.6
7.249	44.02	14.5
7.274	44.05	15.5
7.288	44.00	15.0
7.264	44.02	14.9
121	12^h16^m	15°55′
7.257	3.36	26.5
7.263	3.46	26.8
7.271	3.48	27.2
7.293	3.34	26.9
7.271	3.41	26.8
122	12^h17^m	15°24′
7.246	29.31	26.2
7.249	29.37	26.1
7.274	29.40	25.7
7.288	29.39	25.7
7.264	29.37	25.9
123	12^h17^m	15°27′
7.255	38.56	51.4
7.263	38.58	52.7
7.271	38.43	51.3
7.293	38.53	51.7
7.270	38.52	51.8

Área 129

124	13^h13^m	15°22′
7.246	44.52	54.0
7.249	44.51	54.0
7.274	44.50	53.4
7.288	44.51	53.6
7.293	44.48	54.5
7.270	44.50	53.9
125	13^h13^m	14°56′
7.255	59.38	27.4
7.257	59.40	27.5
7.263	59.39	26.9
7.271	59.47	26.9
7.262	59.41	27.2
126	13^h14^m	15°12′
7.246	10ˢ68	54″2
7.249	10.68	55.2
7.274	10.68	53.8
7.288	10.58	54.7
7.293	10.66	54.2
7.270	10.66	54.4
127	13^h15^m	14°37′
7.255	7.90	30.7
7.257	7.88	30.6
7.263	7.85	30.1
7.271	7.85	28.7
7.262	7.87	30.0
128	13^h15^m	15°14′
7.246	56.09	8.7
7.249	56.10	8.7
7.274	56.13	8.5
7.288	56.10	8.0
7.293	56.15	8.7
7.270	56.11	8.5
129	13^h16^m	15°7′
7.255	43.75	7.4
7.257	43.72	6.7
7.263	43.74	7.2
7.271	43.73	7.6
7.262	43.74	7.2
130	13^h16^m	14°35′
7.246	47.01	40.6
7.249	46.99	40.7
7.274	47.04	40.7
7.288	47.03	40.8
7.293	47.04	40.8
7.270	47.02	40.7
131	13^h16^m	15°53′
7.255	52.50	38.9
7.257	52.56	38.9
7.263	52.53	38.9
7.271	52.51	39.4
7.262	52.52	39.0
132	13^h18^m	15°38′
7.246	1.63	3.5
7.249	1.63	3.7
7.274	1.63	4.6
7.288	1.67	3.7
7.293	1.67	4.0
7.270	1.65	3.9
133	13^h18^m	15°34′
7.255	29.64	17.0
7.257	29.63	17.0
7.263	29ˢ65	16″4
7.271	29.67	15.7
7.262	29.65	16.5

Área 130

134	14^h7^m	16°0′
7.381	23.64	18.8
7.383	23.67	19.2
7.457	23.66	19.4
7.479	23.68	18.6
7.482	23.67	18.5
7.436	23.66	18.9
135	14^h7^m	14°53′
7.411	26.54	51.1
7.427	26.59	51.0
7.435	26.52	51.8
7.438	26.53	51.8
7.441	26.51	51.3
7.430	26.54	51.4
136	14^h7^m	14°54′
7.381	47.75	50.7
7.383	47.73	50.5
7.457	47.71	50.2
7.479	47.76	50.4
7.482	47.73	50.6
7.436	47.74	50.4
137	14^h8^m	14°59′
7.411	32.13	10.0
7.427	32.03	10.4
7.435	32.11	10.1
7.438	32.04	10.2
7.441	32.12	9.6
7.430	32.09	10.1
138	14^h8^m	15°2′
7.381	42.34	19.5
7.383	42.39	19.9
7.457	42.38	20.0
7.479	42.33	20.0
7.482	42.45	20.0
7.436	42.38	19.9
139	14^h9^m	15°34′
7.411	6.60	23.5
7.427	6.60	23.1
7.435	6.66	22.9
7.438	6.64	22.6
7.441	6.59	23.9
7.430	6.62	23.0
140	14^h9^m	15°45′
7.381	31.79	19.4
7.383	31.86	19.0

Época 1930 +	α 1937.0	δ 1937.0
7.457	31ˢ.90	19″.8
7.479	31.84	18.8
7.482	31.83	18.9
7.436	31.84	19.2
141	14^h9^m	15°19′
7.411	46.41	47.7
7.427	46.42	47.7
7.435	46.38	48.0
7.438	46.38	47.1
7.441	46.41	47.4
7.430	46.40	47.6
142	14^h12^m	15°47′
7.381	23.37	20.2
7.383	23.34	21.0
7.457	23.38	20.5
7.479	23.35	21.1
7.482	23.37	21.0
7.436	23.36	20.8
143	14^h12^m	14°49′
7.411	23.43	1.1
7.427	23.42	1.1
7.435	23.45	1.0
7.438	23.41	0.8
7.441	23.43	0.8
7.430	23.43	1.0

Área 131

144	15^h10^m	15°46′
7.381	55.92	12.8
7.383	55.83	12.4
7.479	55.81	12.0
7.482	55.83	11.4
7.496	55.82	12.9
7.444	55.84	12.3
145	15^h11^m	14°55′
7.411	37.07	12.3
7.427	37.10	11.9
7.435	37.06	12.0
7.438	37.06	11.8
7.441	37.06	11.8
7.430	37.07	12.0
146	15^h11^m	15°14′
7.381	51.59	22.1
7.383	51.63	22.5
7.479	51.64	21.6
7.482	51.51	22.4
7.496	51.60	22.0
7.444	51.59	22.1

Época 1930 +	α 1937.0	δ 1937.0
147	15^h11^m	14°49′
7.411	59ˢ.48	40″.8
7.427	59.46	40.8
7.435	59.49	40.3
7.435	59.53	40.8
7.441	59.45	40.7
7.430	59.48	40.7
148	15^h12^m	14°48′
7.381	34.41	16.1
7.383	34.43	16.5
7.479	34.42	17.2
7.482	34.44	16.6
7.496	34.48	16.6
7.444	34.44	16.6
149	15^h13^m	15°20′
7.411	30.27	46.1
7.427	30.29	47.4
7.438	30.31	46.6
7.441	30.31	47.2
7.506	30.24	47.1
7.445	30.28	46.9
150	15^h14^m	15°2′
7.381	12.38	29.2
7.383	12.39	29.5
7.479	12.42	29.6
7.482	12.32	30.0
7.496	12.42	30.0
7.444	12.39	29.7
151	15^h14^m	14°56′
7.411	28.36	10.9
7.427	28.34	11.2
7.435	28.30	11.2
7.438	—	10.7
7.441	28.28	10.7
7.506	28.29	11.8
7.443	28.31	11.1

Área 132

152	16^h11^m	15°15′
7.381	35.03	46.4
7.383	35.05	46.0
7.482	35.11	45.9
7.496	35.10	46.2
7.436	35.07	46.1
153	16^h12^m	15°26′
7.427	12.88	15.0
7.435	12.85	14.6
7.438	12.90	14.9
7.441	12.88	15.4
7.435	12.88	15.0

Época 1930 +	α 1937.0	δ 1937.0
154	16^h12^m	14°41′
7.381	17ˢ.78	33″.8
7.383	17.75	32.6
7.479	17.80	33.5
7.482	17.88	32.5
7.496	17.86	33.2
7.444	17.81	33.1
155	16^h12^m	15°43′
7.427	18.66	50.1
7.435	18.60	49.9
7.438	18.71	49.4
7.441	18.67	50.0
7.435	18.66	49.8
156	16^h13^m	14°54′
7.381	38.77	11.9
7.383	38.78	12.3
7.479	38.77	—
7.482	38.73	12.4
7.496	38.82	11.8
7.444	38.77	12.1
157	16^h13^m	15°10′
7.427	46.44	24.8
7.435	46.51	24.1
7.438	46.44	23.7
7.441	46.46	23.9
7.435	46.46	24.1
158	16^h13^m	15°17′
7.381	51.54	34.3
7.383	51.51	34.1
7.482	51.57	34.8
7.496	51.43	34.0
7.436	51.51	34.3
159	16^h14^m	15°24′
7.427	22.53	7.7
7.435	22.45	7.7
7.438	22.49	7.7
7.441	22.42	7.6
7.435	22.47	7.7
160	16^h15^m	14°43′
7.381	26.66	14.3
7.383	26.69	14.8
7.479	26.66	15.2
7.482	26.66	14.9
7.496	26.68	14.4
7.444	26.67	14.7
161	16^h15^m	15°23′
7.427	50.26	40.0
7.435	50.30	40.3

Época 1930 +	α 1937.0	δ 1937.0
7.438	50ˢ.32	39″.9
7.441	50.27	39.9
7.435	50.29	40.0

Área 133

162	17^h12^m	15°30′
7.381	16.28	34.1
7.383	16.29	34.1
7.482	16.32	33.9
7.496	16.33	33.9
7.506	16.35	34.4
7.450	16.31	34.1
163	17^h12^m	15°9′
7.427	39.77	16.9
7.435	39.80	16.7
7.438	39.78	17.2
7.441	39.76	16.5
7.435	39.78	16.8
164	17^h13^m	15°27′
7.381	59.04	42.4
7.383	59.08	42.5
7.482	59.05	42.1
7.496	59.01	42.1
7.506	59.06	41.9
7.450	59.05	42.2
165	17^h14^m	14°43′
7.427	37.84	56.9
7.435	37.88	56.2
7.438	37.75	56.9
7.441	37.78	56.0
7.435	37.81	56.5
166	17^h14^m	15°43′
7.381	40.81	53.3
7.383	40.81	53.4
7.482	40.71	52.5
7.496	40.73	53.1
7.506	40.76	52.8
7.450	40.76	53.0
167	17^h14^m	15°7′
7.427	47.78	53.9
7.435	47.78	54.3
7.438	47.76	53.7
7.441	47.78	54.4
7.435	47.78	54.1
168	17^h15^m	14°55′
7.381	17.04	32.5
7.383	16.91	32.8

Época 1930 +	α 1937.0	δ 1937.0
7.482	16ˢ.95	31″.4
7.496	17.00	33.3
7.436	16.98	32.5
169	17ʰ15ᵐ	15°9′
7.427	21.61	12.9
7.435	21.68	12.6
7.438	21.61	12.0
7.441	21.61	12.7
7.435	21.63	12.6
170	17ʰ15ᵐ	15°16′
7.381	45.16	53.3
7.383	45.13	52.4
7.482	45.08	52.9
7.496	—	53.8
7.506	45.14	52.9
7.450	45.13	53.1
171	17ʰ16ᵐ	15°23′
7.427	56.48	31.0
7.435	56.42	31.1
7.438	56.47	30.8
7.441	56.46	30.2
7.435	56.46	30.8

Área 134

172	18ʰ11ᵐ	14°53′
7.556	14.20	4.7
7.558	14.19	5.1
7.610	14.21	5.3
7.613	14.24	4.1
7.619	14.24	4.6
7.591	14.22	4.8
173	18ʰ11ᵐ	15°24′
7.561	20.79	17.2
7.569	20.81	17.5
7.580	20.83	17.3
7.597	20.78	18.5
7.608	20.89	17.5
7.583	20.82	17.6
174	18ʰ12ᵐ	14°45′
7.556	6.96	14.4
7.558	6.99	15.3
7.610	7.03	15.0
7.613	7.07	15.4
7.619	7.03	14.9
7.591	7.02	15.0
175	18ʰ12ᵐ	14°56′
7.561	26.02	45.5
7.569	25.98	45.5
7.580	26.03	45.3

Época 1930 +	α 1937.0	δ 1937.0
7.597	26ˢ.01	44″.6
7.608	26.02	44.9
7.583	26.01	45.2
176	18ʰ12ᵐ	14°19′
7.556	27.10	39.5
7.558	27.11	39.9
7.610	27.10	40.0
7.613	27.10	40.2
7.619	27.09	39.9
7.591	27.10	39.9
177	18ʰ12ᵐ	14°40′
7.561	39.51	1.1
7.569	39.46	0.9
7.580	39.49	0.9
7.597	39.50	1.6
7.608	39.57	1.5
7.583	39.51	1.2
178	18ʰ13ᵐ	14°52′
7.556	50.05	21.9
7.558	50.02	21.9
7.610	50.00	21.3
7.613	50.01	22.1
7.619	49.99	21.9
7.591	50.01	21.8
179	18ʰ13ᵐ	14°28′
7.561	55.68	34.7
7.569	55.62	35.4
7.580	55.66	35.2
7.608	55.73	35.0
7.580	55.67	35.1
180	18ʰ14ᵐ	15°27′
7.556	0.79	17.9
7.558	0.72	17.2
7.610	0.80	18.4
7.613	0.75	18.3
7.619	0.75	18.0
7.591	0.76	18.0
181	18ʰ14ᵐ	14°56′
7.561	10.13	34.8
7.569	10.17	35.2
7.580	10.10	35.4
7.597	10.16	35.8
7.608	10.10	35.2
7.583	10.13	35.3

Área 135

182	19ʰ13ᵐ	14°36
7.556	53.75	53.8
7.558	53.72	54.0

Época 1930 +	α 1937.0	δ 1937.0
7.613	53ˢ.77	53″.4
7.649	53.74	53.9
7.671	53.75	54.1
7.609	53.75	53.8
183	19ʰ14ᵐ	14°51′
7.561	28.24	48.4
7.580	28.19	48.1
7.608	28.19	47.6
7.610	28.17	46.9
7.590	28.20	47.8
184	19ʰ14ᵐ	14°27′
7.556	54.41	41.0
7.558	54.42	40.0
7.613	54.43	41.4
7.649	54.45	40.5
7.671	54.42	40.5
7.609	54.43	40.7
185	19ʰ15ᵐ	14°55′
7.580	4.95	8.3
7.608	4.96	8.1
7.610	4.91	8.0
7.600	4.94	8.1
186	19ʰ15ᵐ	14°39′
7.556	6.54	16.6
7.558	6.51	17.0
7.613	6.51	16.5
7.649	6.47	16.6
7.671	6.53	16.6
7.609	6.51	16.7
187	19ʰ15ᵐ	15°9′
7.561	42.10	8.8
7.580	42.11	8.2
7.608	42.20	8.4
7.610	42.20	8.4
7.590	42.15	8.4
188	19ʰ15ᵐ	14°16′
7.558	59.04	12.1
7.613	59.09	12.5
7.649	59.10	12.7
7.671	59.06	12.0
7.623	59.07	12.3
189	19ʰ16ᵐ	14°23′
7.561	15.47	1.3
7.580	15.47	1.4
7.608	15.47	1.2
7.610	15.46	0.7
7.590	15.47	1.2

Época 1930 +	α 1937.0	δ 1937.0
190	19ʰ16ᵐ	14°41′
7.556	26ˢ.63	44″.1
7.558	26.64	44.7
7.613	26.63	44.4
7.649	26.66	44.6
7.671	26.59	44.7
7.609	26.63	44.5
191	19ʰ16ᵐ	15°28′
7.561	44.61	59.8
7.580	44.57	60.1
7.608	44.55	59.9
7.610	44.54	60.1
7.590	44.57	60.0
192	19ʰ16ᵐ	15°25′
7.556	59.35	14.8
7.558	—	15.0
7.613	59.39	15.5
7.649	59.34	15.3
7.671	59.38	15.5
7.609	59.36	15.2

Área 136

193	20ʰ9ᵐ	15°37′
7.556	50.58	4.6
7.558	50.57	4.8
7.649	50.66	5.3
7.671	50.61	5.6
7.608	50.60	5.1
194	20ʰ10ᵐ	14°23′
7.561	13.08	13.8
7.580	13.09	14.4
7.597	13.09	14.3
7.608	13.12	14.1
7.610	13.07	14.4
7.591	13.09	14.2
195	20ʰ11ᵐ	15°31′
7.556	1.42	35.8
7.558	1.43	36.1
7.649	1.48	35.7
7.671	1.40	36.3
7.608	1.43	36.0
196	20ʰ11ᵐ	14°31′
7.561	4.85	34.0
7.580	4.92	33.8
7.597	4.86	32.8
7.608	4.86	33.3
7.610	4.81	33.6
7.591	4.86	33.5

Época 1930 +	α 1937.0	δ 1937.0
197	20^h11^m	14°58′
7.556	$50^s.15$	40″.7
7.558	50.13	39.8
7.649	50.16	40.8
7.671	50.12	40.3
7.608	50.14	40.4
198	20^h12^m	15°4′
7.561	5.23	58.4
7.580	5.26	58.7
7.597	5.23	58.4
7.610	5.26	59.2
7.587	5.24	58.7
199	20^h12^m	14°29′
7.556	9.93	59.4
7.558	9.93	58.6
7.649	9.88	58.5
7.671	9.94	58.8
7.608	9.92	58.8
200	20^h12^m	14°28′
7.561	31.97	50.0
7.580	31.95	50.7
7.597	31.94	50.0
7.608	31.97	50.9
7.610	31.99	50.2
7.591	31.96	50.4
201	20^h13^m	15°22′
7.556	12.98	34.5
7.558	12.98	34.0
7.649	12.98	33.8
7.671	12.98	34.0
7.608	12.98	34.1
202	20^h13^m	14°23′
7.561	19.22	31.9
7.580	19.20	31.4
7.597	19.22	32.1
7.608	19.11	32.1
7.610	19.21	31 8
7.591	19.19	31.9

Área 137

203	21^h9^m	14°39′
7.556	17.91	6.2
7.558	17.83	6.7
7.649	17.85	6.1
7.671	17.89	6.8
7.608	17.87	6.4
204	21^h9^m	14°7′
7.561	$47^s.89$	38″.1
7.580	47.95	38.3
7.608	47.93	38.0
7.610	47.97	38.7
7.590	47.94	38.3
205	21^h10^m	14°54′
7.556	15.31	31.3
7.558	15.30	31.1
7.649	15.36	31.0
7.671	15.29	31.5
7.608	15.32	31.2
206	21^h11^m	14°24′
7.561	1.99	29.4
7.580	2.04	29.2
7.608	1.97	29.0
7.610	2.05	29.1
7.590	2.01	29.2
207	21^h11^m	14°5′
7.556	9.91	30.3
7.558	9.95	31.0
7.649	9.93	30.2
7.671	9.92	30.6
7.608	9.93	30 5
208	21^h11^m	15°3′
7.561	12.97	24.9
7.580	13.07	26.1
7.608	12.98	25.4
7.610	13.03	24.6
7 590	13.01	25.2
209	21^h11^m	14°58′
7.556	54.97	58.9
7.558	54.95	58.2
7.649	55.00	59.2
7.671	55.00	58.9
7.608	54.98	58.8
210	21^h12^m	14°39′
7.561	1.08	48.8
7.580	1.12	49.3
7.608	1.14	48.7
7.610	1.15	48.9
7.590	1.12	48.9
211	21^h13^m	15°5′
7.556	7.32	12.1
7.558	7.23	12.1
7.649	7.31	11.7
7.671	7.31	12.3
7.608	7.29	12.0
212	21^h13^m	14°44′
7.561	$23^s.75$	26″.7
7.580	23.77	27.2
7.608	23.75	27.1
7.610	23.75	27.5
7.590	23.76	27.1
213	21^h14^m	14°16′
7.556	0.64	11.7
7.558	0.68	12.1
7.649	0.65	12.3
7.671	0.61	12.1
7.608	0.64	12.0

Área 138

214	22^h10^m	15°15′
7.726	27.34	8.7
7.728	27.34	8.7
7.736	27.26	8.6
7.808	27.24	9.3
7.821	27.27	8.9
7.764	27.29	8.8
215	22^h12^m	14°45′
7.747	37.15	0.1
7.750	37.22	0.0
7.791	37.20	0.8
7.802	37.19	0.1
7.805	37.18	0.4
7.779	37.19	0.3
216	22^h12^m	14°39′
7.726	44.62	31.7
7.728	44.63	31.7
7.736	44.57	31.9
7.808	—	31.0
7.821	44.53	31.9
7.764	44.59	31.6
217	22^h13^m	14°21′
7.747	1.94	33.4
7.750	1.94	33.6
7.791	1.95	33.6
7.802	1.96	33.7
7.805	1.94	33.0
7.779	1.95	33.5
218	22^h13^m	15°16′
7.726	21.47	40.1
7.728	21.50	40.4
7.736	21.47	40 4
7.808	21.46	40.7
7.821	21.47	40.4
7.764	21.47	40.4
219	22^h13^m	14°58′
7.747	$32^s.71$	17″.4
7.750	32.64	17.2
7.791	32.66	16.7
7.802	32.68	16.7
7.805	32.65	16.7
7.779	32.67	16.9
220	22^h13^m	14°30′
7.726	45.85	26.0
7.728	45.88	25.3
7.736	45.86	26.1
7.808	45.86	26.1
7.821	45.85	25.8
7.764	45.86	25.9
221	22^h14^m	14°48′
7.747	42.56	48.0
7.750	42.54	47.9
7.791	42.58	48.1
7.802	42.55	48.0
7.805	42.63	47.7
7.779	42.57	47.9
222	22^h15^m	14°57′
7.726	12.09	6.3
7.728	11.99	6.6
7.736	11.99	5.7
7.808	12.04	6.1
7.821	12.03	6.1
7.764	12.03	6.2

Área 139

223	23^h13^m	14°50′
7.726	14.27	2.9
7.728	14.27	2.9
7.736	14.26	2.5
7.808	14.29	3.2
7.821	14 19	3.2
7.764	14.26	2.9
224	23^h13^m	14°10′
7.747	49.39	28.9
7.750	49.38	28.8
7.791	49.38	28.6
7.802	49.38	29.2
7.805	49.41	29.0
7.779	49.39	28.9
225	23^h14^m	13°59′
7.726	11.37	9.2
7.728	11.29	9.5
7.736	11.32	9.9
7.808	11.31	8.6
7.821	11.33	9.3
7.764	11.32	9.3

Época 1930 +	α 1937.0	δ 1937.0
226	23^h14^m	14°8′
7.747	38ˢ84	22″0
7.750	38.84	22.1
7.791	38.82	22.0
7.802	38.85	21.7
7.805	38.88	21.4
7.779	38.85	21.8
227	23^h15^m	14°12′
7.726	38.33	32.1
7.728	38.32	32.7
7.736	38.35	32.7
7.808	38.32	31.9
7.821	38.30	32.8
7.764	38.32	32.4
228	23^h15^m	14°35′
7.747	51.77	37.8
7.750	51.78	37.6
7.791	51.78	37.8
7.802	—	37.9
7.805	51.78	37.9
7.832	51.72	37.5
7.788	51.77	37.8
229	23^h16^m	15°8′
7.726	11.94	5.6
7.728	11.95	5.2
7.736	11.93	5.8
7.808	11.93	—
7.821	11.88	5.3
7.764	11.93	5.5
230	23^h16^m	14°24′
7.747	18.46	40.0
7.750	18.36	40.1
7.791	18.38	39.8
7.805	18.43	39.8
7.832	18.44	39.9
7.785	18.41	39.9
231	23^h17^m	14°44′
7.726	1.75	25.8
7.728	1.77	25.9
7.736	1.73	25.5
7.808	1.71	24.8
7.821	1.73	26.3
7.764	1.74	25.7
232	23^h18^m	14°22′
7.747	15.98	39.8
7.750	15.95	39.9
7.791	15.92	40.4
7.802	15.99	39.9
7.805	15.94	40.0
7.779	15.96	40.0

Área 140

Época 1930 +	α 1937.0	δ 1937.0
233	0^h0^m	29°21′
7.726	12ˢ59	3″5
7.728	12.58	3.2
7.747	12.61	3.9
7.808	12.58	3.3
7.821	12.54	3.7
7.766	12.58	3.5
234	0^h1^m	29°37′
7.750	7.02	10.8
7.791	7.08	11.1
7.802	7.03	10.7
7.805	7.04	11.0
7.862	7.00	10.9
7.802	7.03	10.9
235	0^h1^m	29°43′
7.726	9.65	56.5
7.728	9.73	56.6
7.747	9.66	56.3
7.808	9.67	56.0
7.821	9.63	56.0
7.766	9.67	56.3
236	0^h1^m	29°12′
7.750	27.92	9.4
7.791	27.87	9.0
7.802	27.90	8.8
7.805	27.91	9.1
7.857	27.88	8.3
7.801	27.90	8.9
237	0^h1^m	29°59′
7.728	37.77	1.3
7.747	37.70	1.4
7.808	37.73	1.0
7.821	37.72	0.3
7.862	37.71	1.8
7.793	37.73	1.2
238	0^h2^m	29°30′
7.750	56.28	7.7
7.791	56.23	7.6
7.802	56.24	7.8
7.805	56.26	7.5
7.857	56.21	7.5
7.801	56.24	7.6
239	0^h4^m	29°6′
7.728	19 39	0.1
7.747	19.40	0.6
7.808	19.49	0.8
7.821	19ˢ41	0″4
7.862	19.46	0.4
7.793	19.43	0.5
240	0^h4^m	29°46′
7.750	52.75	0.3
7.791	52.77	59.9
7.802	52.78	59.8
7.805	52.74	0.1
7.857	52.77	0.4
7.801	52.76	0.1

Área 141

Época 1930 +	α 1937.0	δ 1937.0
241	1^h4^m	29°57′
7.728	0.84	6.2
7.747	0.83	6.3
7.808	0.91	6.1
7.821	0.85	6.4
7.857	0.82	6.1
7.792	0.85	6.2
242	1^h4^m	29°37′
7.750	34.19	24.4
7.791	34.06	23.5
7.802	34.21	23.8
7.805	34.18	24.4
7.862	34.12	23.6
7.802	34.15	23.9
243	1^h4^m	29°2′
7.728	35.40	27.6
7.747	35.36	27.2
7.808	35.35	26.8
7.821	35.39	27.2
7.857	35.46	26.9
7.792	35.39	27.1
244	1^h5^m	29°57′
7.750	51.97	28.0
7.791	51.96	27.2
7.802	52.00	27.2
7.805	51.98	28.1
7.862	51.93	27.4
7.802	51.97	27.6
245	1^h6^m	29°6′
7.728	50.11	21.5
7.747	50.19	22.2
7.808	50.27	21.5
7.821	50.25	21.9
7.857	50.26	21.8
7.792	50.22	21.8

Área 142

Época 1930 +	α 1937.0	δ 1937 0
246	2^h3^m	29°31′
7.864	21ˢ51	32″0
7.886	21.54	31.9
7.897	21.50	31.8
7.938	21.50	31.7
7.942	21.49	32.0
7.905	21.51	31.9
247	2^h4^m	29°50′
7.900	19.45	33.2
7.903	19.49	33.5
7.908	19.45	33.7
7.914	19.44	33.2
7.933	19.46	33.6
7.912	19.46	33.4
248	2^h4^m	29°11′
7.864	36.17	42.5
7.886	36.23	42.6
7.897	36.14	42.9
7.938	36.19	43.3
7.942	36.20	42.7
7.905	36.19	42.8
249	2^h4	29°37′
7.900	45.74	59.9
7.903	45.71	59.6
7.908	45.77	59.2
7.914	45.64	60.6
7.933	45.78	59.9
7.912	45.73	59.8
250	2^h5^m	29°2′
7.864	22.68	5.5
7.886	22.64	5.4
7.897	22.64	5.4
7.938	22.65	5.5
7.942	—	5.3
7.905	22.65	5.4
251	2^h6^m	29°13′
7.900	32.73	59.7
7.903	32.67	59.9
7.908	32.70	60.1
7.914	32.72	60.0
7.933	32.68	60.0
7.912	32.70	59.9
252	2^h6^m	29°18′
7.868	54.02	15.1
7.886	53.98	15.1
7.897	54.03	15.0

Época 1930 +	α 1937.0	δ 1937.0
7.938	$54^s.08$	15".0
7.942	—	14.6
7.905	54.03	15.0
253	2^h7^m	30°17′
7.900	16.30	33.3
7.903	16.35	33.3
7.908	16.36	33.1
7.914	16.34	32.8
7.933	16.39	33.5
7.912	16.35	33.2

Área 143

254	2^h59^m	28°58′
7.864	31.86	36.9
7.886	31.77	36.6
7.897	31.83	36.5
7.942	31.87	36.7
7.945	31.81	37.2
7.907	31.83	36.8
255	3^h0^m	29°17′
7.900	40.30	38.0
7.903	40.35	37.8
7.914	40.23	36.4
7.933	40.33	36.9
7.938	40.32	37.1
7.918	40.31	37.2
256	3^h0^m	30°8′
7.864	50.96	60.0
7.886	50.97	59.5
7.897	50.98	59.0
7.942	50.87	59.0
7.945	50.87	59.5
7.907	50.93	59.4
257	3^h1^m	29°29′
7.900	5.87	9.2
7.903	5.84	8.7
7.914	5.84	9.2
7.938	5.86	10.0
7.914	5.85	9.3
258	3^h3^m	29°22′
7.864	2.14	13.0
7.886	2.20	13.3
7.897	2.23	13.6
7.942	2.24	13.2
7.945	2.24	13.6
7.907	2.21	13.3
259	3^h3^m	29°10′
7.900	12.59	36.2
7.903	12.59	35.7

Época 1930 +	α 1937.0	δ 1937.0
7.914	$12^s.61$	35".8
7.938	12.64	36.1
7.914	12.61	36.0
260	3^h3^m	29°3′
7.864	28.52	9.4
7.886	28.61	9.4
7.897	28.61	9.8
7.942	28.65	8.9
7.945	28.59	9.8
7.907	28.60	9.5

Área 144

261	4^h0^m	29°51′
7.864	47.34	42.1
7.886	47.33	42.2
7.897	47.30	42.2
7.942	47.28	42.0
7.945	47.28	42.3
7.907	47.31	42.2
262	4^h1^m	29°41′
7.900	52.86	10.1
7.903	52.96	10.2
7.914	52.98	10.4
7.933	52.92	10.0
7.938	52.96	10.4
7.918	52.94	10.2
263	4^h2^m	30°10′
7.864	8.74	42.7
7.897	8.79	42.7
7.942	8.82	42.5
7.945	8.77	42.7
7.912	8.78	42.6
264	4^h2^m	30°23′
7.900	21.70	33.6
7.903	21.65	33.2
7.914	21.69	34.1
7.933	21.64	34.6
7.938	21.68	33.5
7.918	21.67	33.8
265	4^h2^m	30°20′
7.864	29.22	59.4
7.886	29.21	59.3
7.897	29.20	59.5
7.942	29.25	59.3
7.945	29.20	59.9
7.907	29.22	59.5
266	4^h3^m	29°19′
7.900	8.43	25.3
7.903	8.43	26.0

Época 1930 +	α 1937.0	δ 1937.0
7.914	$8^s.47$	25".0
7.933	8.51	25.8
7.938	8.49	25.7
7.918	8.47	25.6
267	4^h3^m	29°50′
7.864	21.16	52.0
7.886	21.09	51.7
7.897	21.14	51.5
7.942	21.06	51.7
7.945	21.14	51.6
7.907	21.12	51.7
268	4^h4^m	29°58′
7.900	59.01	19.2
7.903	58.96	20.1
7.914	58.90	19.9
7.933	59.04	19.5
7.938	59.03	19.3
7.918	58.99	19.6
269	4^h5^m	30°4′
7.864	24.34	52.4
7.886	24.31	52.3
7.897	24.26	52.1
7.942	24.23	52.6
7.945	24.35	51.8
7.907	24.30	52.2

Área 145

270	4^h58^m	29°56′
7.900	49.98	17.9
7.903	49.99	18.5
7.914	50.04	17.4
7.933	50.08	18.4
7.938	50.00	18.0
7.918	50.02	18.0
271	4^h58^m	30°10′
7.864	49.90	3.6
7.897	50.03	3.8
7.942	49.99	3.8
7.945	49.95	3.8
8.011	49.96	3.5
7.932	49.97	3.7
272	4^h58^m	30°10′
7.864	50.65	48.0
7.897	50.60	47.9
7.942	50.61	48.1
7.945	50.61	48.5
8.011	50.57	48.5
7.932	50.61	48.2

Época 1930 +	α 1937.0	δ 1937.0
273	4^h59^m	30°19′
7.900	$5^s.67$	28".4
7.903	5.64	28.2
7.914	5.68	28.6
7.933	5.64	29.1
7.938	5.64	28.6
7.918	5.65	28.6
274	4^h59^m	29°40′
7.864	51.86	31.4
7.897	51.97	31.6
7.942	51.89	31.6
7.945	51.92	31.6
8.011	51.85	31.9
7.932	51.90	31.6
275	5^h0^m	30°14′
7.900	10.47	6.9
7.903	10.53	7.6
7.914	10.42	6.8
7.933	10.47	7.2
7.938	10.50	7.1
7.918	10.48	7.1
276	5^h0^m	29°53′
7.864	27.12	19.3
7.897	27.05	19.2
7.942	27.14	19.3
7.945	27.10	19.4
8.011	27.10	19.1
7.932	27.10	19.3
277	5^h1^m	29°53′
7.900	31.30	59.9
7.903	31.30	60.9
7.914	31.30	59.8
7.933	31.32	58.8
7.938	31.27	59.6
7.918	31.30	59.8
278	5^h2^m	30°49′
7.864	19.59	44.5
7.897	19.67	44.7
7.942	19.62	44.2
7.945	19.59	44.1
8.011	19.63	44.3
7.932	19.62	44.4

Época 1930 +	α 1938.0	δ 1938.0

Área 146

279	5^h58^m	30°5′
8.071	12.80	6.0
8.078	12.90	6.4
8.107	12.86	6.4
8.142	12.84	5.7
8.148	12.86	5.9
8.109	12.85	6.1

Época 1930 +	α 1938.0	δ 1938.0
280	5^h58^m	30°13′
8.109	27ˢ.99	20″.8
8.112	27.98	20.5
8.115	27.95	20.4
8.145	27.96	20.4
8.120	27.97	20.5
281	5^h58^m	29°30′
8.120	5.85	49.6
8.126	5.81	49.3
8.129	5.81	50.0
8.131	5.78	51.0
8.140	5.86	50.0
8.129	5.82	50.0
282	5^h59^m	29°52′
8.071	18.60	39.3
8.078	18.58	39.7
8.107	18.56	39.3
8.142	18.59	39.4
8.148	18.58	39.5
8.109	18.58	39.4
283	5^h59^m	29°25′
8.109	21.59	24.4
8.112	21.59	24.2
8.115	21.59	24.8
8.145	21.55	24.5
8.120	21.58	24.5
284	5^h59^m	29°57′
8.120	34.68	43.6
8.126	34.70	44.1
8.129	34.69	43.9
8.131	34.64	44.0
8.140	34.65	43.8
8.129	34.67	43.9
285	5^h59^m	30°0′
8.071	56.87	46.3
8.078	56.76	45.4
8.107	56.79	46.0
8.142	56.84	45.9
8.148	56.83	46.0
8.109	56.82	45.9
286	6^h0^m	29°59′
8.109	24.80	42.6
8.112	24.77	42.0
8.115	24.81	42.5
8.145	24.79	42.6
8.120	24.79	42.4
287	6^h0^m	30°24′
8.120	30.82	11.4
8.126	30.83	10.8
8.129	30ˢ.88	11″.1
8.131	30.84	10.5
8.140	30.88	10.9
8.129	30.85	10.9
288	6^h1^m	29°20′
8.071	43.10	4.3
8.078	43.13	4.7
8.107	43.03	4.7
8.142	43.11	5.0
8.148	43.07	4.2
8.109	43.09	4.6
289	6^h2^m	29°37′
8.109	4.02	47.3
8.112	4.02	47.1
8.115	4.00	47.0
8.145	3.98	47.3
8.148	4.03	46.3
8.126	4.01	47.0
290	6^h3^m	30°30′
8.120	7.26	23.6
8.126	7.12	24.1
8.129	7.19	23.8
8.131	7.12	24.4
8.140	7.16	24.1
8.129	7.17	24.0

Área 147

Época 1930 +	α 1938.0	δ 1938.0
291	7^h1^m	30°40′
8.071	57.25	51.8
8.078	57.21	51.6
8.107	57.21	52.1
8.145	57.22	52.1
8.189	57.23	52.1
8.118	57.22	51.9
292	7^h2^m	29°36′
8.109	13.32	33.7
8.112	13.31	33.8
8.115	13.32	34.1
8.142	13.32	34.5
8.120	13.32	34.0
293	7^h2^m	30°25′
8.120	58.23	28.8
8.126	58.23	28.9
8.129	58.23	28.6
8.131	58.17	28.1
8.140	58.23	28.7
8.129	58.22	28.6
294	7^h3^m	29°49′
8.071	17.89	39.1
8.078	17.86	38.7
8.107	17ˢ.91	39″.0
8.145	17.90	39.4
8.189	17.89	39.0
8.118	17.89	39.0
295	7^h3^m	30°33′
8.109	36.94	34.6
8.112	36.94	34.7
8.115	36.93	34.8
8.142	36.97	34.3
8.120	36.95	34.6
296	7^h4^m	30°10′
8.120	3.89	48.1
8.126	3.89	48.5
8.129	3.87	48.3
8.131	3.90	48.2
8.140	3.88	48.3
8.129	3.89	48.3
297	7^h4^m	30°3′
8.071	18.50	0.7
8.078	18.47	1.4
8.107	18.37	1.3
8.142	18.40	1.5
8.189	18.39	1.2
8.118	18.42	1.2
298	7^h4^m	29°54′
8.109	19.78	15.4
8.112	19.79	15.5
8.115	19.84	15.8
8.142	19.75	15.4
8.120	19.79	15.5
299	7^h4^m	30°41′
8.120	48.05	49.4
8.126	48.00	50.0
8.129	48.03	49.5
8.131	47.97	49.5
8.140	48.04	50.1
8.129	48.02	49.7
300	7^h5^m	30°24′
8.071	22.23	10.7
8.078	22.23	10.9
8.107	22.22	10.7
8.145	22.23	10.2
8.189	22.20	10.4
8.118	22.22	10.6
301	7^h6^m	29°53′
8.109	13.83	48.6
8.112	13.85	48.6
8.115	13.82	47.8
8.142	13.77	48.8
8.120	13.82	48.4

Área 148

Época 1930 +	α 1938.0	δ 1938.0
302	7^h57^m	30°12′
8.071	28ˢ.43	17″.3
8.078	28.42	17.6
8.107	28.39	17.5
8.145	28.44	17.7
8.189	28.37	17.3
8.118	28.41	17.5
303	7^h57^m	30°36′
8.109	48.10	12.3
8.112	48.09	11.9
8.115	48.04	11.5
8.142	48.03	11.6
8.120	48.06	11.8
304	7^h57^m	30°47′
8.120	50.09	56.2
8.126	50.04	56.8
8.129	50.08	56.6
8.131	50.01	55.7
8.140	50.09	56.7
8.129	50.06	56.4
305	7^h58^m	29°42′
8.071	38.05	18.7
8.078	38.07	18.6
8.107	38.04	17.8
8.145	38.11	18.5
8.189	38.07	19.2
8.118	38.07	18.6
306	7^h59^m	30°26′
8.109	7.51	51.5
8.112	7.49	51.6
8.115	7.51	51.2
8.142	7.47	51.4
8.189	7.46	50.4
8.133	7.49	51.2
307	7^h59^m	29°36′
8.120	33.58	58.8
8.126	33.52	58.4
8.129	33.52	59.4
8.131	33.49	58.9
8.140	33.51	58.2
8.129	33.52	58.7
308	7^h59^m	30°14′
8.071	57.37	34.8
8.078	57.32	33.6
8.107	57.30	34.5
8.142	57.30	32.8
8.145	57.34	33.7
8.109	57.33	33.9

Época 1930 +	α 1938.0	δ 1938.0
309	8^h0^m	30°33′
8.109	56ˢ.20	25″.1
8.112	56.19	24.9
8.115	56.17	24.4
8.142	56.20	24.9
8.145	56.19	25.2
8.125	56.19	24.9
310	8^h1^m	30°19′
8.120	27.64	54.6
8.126	27.68	54.5
8.129	27.63	54.4
8.131	27.64	54.5
8.140	27.64	54.1
8.129	27.65	54.4
311	8^h2^m	29°47′
8.071	9.01	20.0
8.078	9.03	20.6
8.107	9.02	20.5
8.142	8.99	20.5
8.145	8.98	20.4
8.109	9.01	20.4

Área 149

312	9^h3^m	30°37′
8.071	25.81	38.4
8.078	25.84	38.2
8.107	25.76	38.8
8.145	25.83	38.9
8.189	25.79	39.0
8.118	25.81	38.7
313	9^h3^m	30°44′
8.109	33.43	30.0
8.112	33.46	30.1
8.115	33.46	30.2
8.142	33.46	30.2
8.120	33.45	30.1
314	9^h4^m	30°21′
8.120	10.61	45.5
8.126	10.60	45.2
8.129	10.62	45.7
8.131	10.67	45.2
8.140	10.61	45.0
8.129	10.62	45.3
315	9^h4^m	30°51′
8.071	46.92	45.9
8.078	46.93	46.7
8.107	46.92	46.7
8.145	46ˢ.91	46″.1
8.189	46.90	46.2
8.118	46.92	46.3
316	9^h4^m	29°49′
8.109	50.98	58.8
8.112	50.96	58.7
8.115	50.95	58.4
8.142	50.94	58.4
8.120	50.96	58.6
317	9^h5^m	29°42′
8.120	8.74	13.9
8.126	8.80	13.2
8.129	8.77	13.7
8.131	8.84	13.5
8.140	8.82	13.7
8.129	8.79	13.6
318	9^h5^m	30°51′
8.071	33.50	4.1
8.078	33.49	3.8
8.107	33.50	4.0
8.145	33.48	3.7
8.189	33.51	3.7
8.118	33.50	3.9
319	9^h5^m	30°1′
8.109	37.36	28.7
8.112	37.34	27.6
8.115	37.33	27.8
8.142	37.36	27.4
8.120	37.35	27.9
320	9^h5^m	30°17′
8.120	59.46	40.2
8.126	59.53	39.3
8.129	59.51	39.4
8.131	59.48	39.4
8.140	59.49	40.4
8.129	59.49	39.7
321	9^h6^m	30°8′
8.071	21.78	49.8
8.078	21.79	48.9
8.107	21.78	48.5
8.145	21.79	49.4
8.189	21.74	49.7
8.118	21.78	49.3
322	9^h7^m	30°6′
8.109	18.59	41.6
8.112	18.61	42.4
8.115	18.58	41.4
8.142	18ˢ.62	41″.5
8.145	18.64	42.1
8.125	18.61	41.8
323	9^h8^m	29°53′
8.120	32.52	42.6
8.126	32.56	42.9
8.129	32.45	42.9
8.131	32.48	42.7
8.140	32.49	42.9
8.129	32.50	42.8

Época 1930 +	α 1937.0	δ 1937.0

Área 150

324	10^h0^m	30°16′
7.246	0.19	23.3
7.249	0.11	23.2
7.274	0.11	22.5
7.282	0.05	22.8
7.288	0.09	23.2
7.268	0.11	23.0
325	10^h0^m	29°57′
7.255	12.21	54.4
7.257	12.16	54.6
7.263	12.21	—
7.268	12.16	53.4
7.271	12.22	53.2
7.263	12.19	53.9
326	10^h0^m	29°56′
7.246	40.54	40.6
7.249	40.55	40.5
7.282	40.56	40.2
7.288	40.55	40.9
7.293	40.54	40.0
7.272	40.55	40.5
327	10^h1^m	30°10′
7.255	15.39	52.6
7.257	15.39	52.5
7.263	15.38	52.6
7.268	15.37	52.9
7.271	15.41	52.7
7.263	15.39	52.7
328	10^h2^m	30°14′
7.246	6.49	30.9
7.249	6.49	31.5
7.282	6.53	31.9
7.288	6.52	31.1
7.293	6.48	30.7
7.272	6.50	31.2

Época 1930 +	α 1937.0	δ 1937.0
329	10^h2^m	29°56′
7.255	17ˢ.30	6″.7
7.257	17.30	5.7
7.263	17.30	7.2
7.268	17.32	6.7
7.271	17.28	6.7
7.263	17.30	6.6
330	10^h2^m	30°35′
7.255	55.93	2.7
7.257	55.94	3.6
7.263	55.95	3.4
7.268	56.00	3.1
7.271	55.93	3.9
7.263	55.95	3.3
331	10^h3^m	30°53′
7.246	7.28	34.0
7.249	7.31	34.0
7.282	7.29	34.1
7.288	7.27	34.0
7.293	7.29	34.3
7.272	7.29	34.1
332	10^h3^m	29°48′
7.255	36.72	46.0
7.257	36.77	46.2
7.263	36.75	45.2
7.268	36.79	46.5
7.271	36.84	45.1
7.282	36.72	46.5
7.266	36.76	45.9
333	10^h3^m	29°39′
7.246	59.76	22.9
7.249	59.79	22.9
7.288	59.79	22.6
7.293	59.78	22.8
7.269	59.78	22.8

Área 151

334	11^h0^m	29°50′
7 246	6.75	—
7.249	6.75	32.2
7 263	6.75	32.7
7.274	6.82	33.6
7.282	6.76	32.7
7.293	6.74	33.4
7.268	6.76	32.9
335	11^h0^m	30°22′
7.255	14.45	46.8
7.257	14.39	46.8
7.268	14.46	45.2

Época 1930 +	α 1937.0	δ 1937.0
7.271	14ˢ41	47″0
7.288	14.41	47.3
7.268	14.42	46.6
336	11ʰ0ᵐ	29°55′
7.246	33.78	32.0
7.249	33 78	31.9
7.274	33.77	31.5
7.282	33.73	32.3
7.288	33.73	32.2
7.293	33.78	31.8
7.272	33.76	32.0
337	11ʰ1ᵐ	30°30′
7.255	31.45	6.5
7.257	31.47	5.8
7.263	31.37	6.6
7.268	31.42	6.5
7.271	31.46	6.5
7.263	31.43	6.4
338	11ʰ2ᵐ	30°5′
7.246	10.76	43.5
7.249	10.70	43.2
7.274	10.71	43.1
7.282	10.74	43.2
7.288	10.69	43.1
7.293	10.74	43.4
7.272	10.72	43.2
339	11ʰ2ᵐ	30°11′
7.255	16.70	36.3
7.257	16.65	36.2
7.263	16.69	35.9
7.268	16.75	36.3
7.271	16.74	35.2
7.263	16.71	36.0
340	11ʰ3ᵐ	29°56′
7.246	7.02	48.4
7.249	6.98	49.1
7.271	7.03	49.2
7.282	7.01	48.9
7.288	7.03	48.9
7.293	7.02	48.0
7.272	7.02	48.8
341	11ʰ3ᵐ	30°45′
7.255	19.07	29.2
7.257	19.15	29.9
7.263	19.11	29.6
7.268	19.09	29.8
7.271	19.13	30.2
7.263	19.11	29.7

Época 1930 +	α 1937.0	δ 1937.0
342	11ʰ3ᵐ	30°12′
7.246	50ˢ35	46″7
7.249	50.41	46.7
7.274	50.41	46.2
7.282	50.41	47.2
7.288	50.44	46.6
7.293	50.40	46.8
7.272	50.40	46.7

Área 152

343	12ʰ24ᵐ	29°44′
7.246	9.68	10.5
7.249	9.73	10.6
7.274	9.70	10.8
7.288	9.70	10.3
7.293	9.68	10.9
7.270	9.70	10.6
344	12ʰ24ᵐ	29°59′
7.255	35.68	13.4
7.257	35.72	13.4
7.263	35.73	12.7
7.271	35.72	12.7
7.262	35.71	13.0
345	12ʰ25ᵐ	30°29′
7.246	58.08	10.6
7.249	58.01	11.2
7.274	58.08	10.7
7.288	58.07	10.8
7.293	58.08	10.3
7.270	58.06	10.7
346	12ʰ26ᵐ	30°48′
7.255	24.42	2.1
7.257	24.36	2.3
7.263	24.33	2.7
7.271	24.34	3.0
7.262	24.36	2.5
347	12ʰ26ᵐ	30°11′
7.246	44.58	5.7
7.249	44.61	6.4
7.274	44.59	5.9
7.288	44.52	5.5
7.293	44.56	6.1
7.270	44.57	5.9
348	12ʰ26ᵐ	30°12′
7.255	50.84	15.2
7.257	50.86	14.9
7.263	50.92	15.5
7.271	50.81	14.0
7.262	50.86	14.9

Época 1930 +	α 1937.0	δ 1937.0
349	12ʰ27ᵐ	30°14′
7.246	27ˢ44	23″8
7.249	27.46	22.8
7.274	27.35	22.6
7.288	27.47	22.7
7.293	27.45	23.6
7.270	27.43	23.1
350	12ʰ27ᵐ	30°19′
7.255	35.36	44.1
7.257	35.33	45.4
7.263	35.34	46.6
7.271	35.38	45.9
7.262	35.35	45.5
351	12ʰ28ᵐ	30°38′
7.246	17.79	2.6
7.249	17.83	2.6
7.274	17.88	2.1
7.288	17.84	2.1
7.293	17.84	2.0
7.270	17.84	2.3
352	12ʰ28ᵐ	30°34′
7.255	43.10	45.0
7.257	43.08	44.8
7.263	43.07	44.2
7.271	43.12	44.0
7.262	43.09	44.5
353	12ʰ29ᵐ	29°41′
7.246	29.86	48.2
7.249	29.80	48.3
7.274	29.91	49.2
7.288	29.87	49.1
7.293	29.88	49.1
7.270	29.86	48.8

Área 153

354	13ʰ21ᵐ	30°3′
7.246	35.98	12.9
7.249	36.10	13.2
7.274	36.04	12.4
7.288	36.00	13.8
7.293	36.04	13.5
7.270	36.03	13.2
355	13ʰ21ᵐ	30°52′
7.255	38.70	11.3
7.257	38.68	11.2
7.263	38.78	10.3
7.271	38.67	10.9
7.262	38.71	10.9

Época 1930 +	α 1937.0	δ 1937.0
356	13ʰ21ᵐ	30°2′
7.246	41ˢ73	56″9
7.249	41.72	56.1
7.274	41.75	55.8
7.288	41.69	56.1
7.293	41.75	56.1
7.270	41.73	56.2
357	13ʰ22ᵐ	30°31′
7.255	9.90	16.6
7.257	9.81	17.4
7.263	9.91	16.7
7.271	9.89	15.3
7.262	9.88	16.5
358	13ʰ23ᵐ	30°42′
7.246	52.56	44.4
7.249	52.52	43.8
7.274	52.44	44.7
7.288	52.45	43.8
7.293	52.44	44.0
7.270	52.48	44.1
359	13ʰ23ᵐ	30°24′
7.255	53.23	45.7
7.257	53.14	45.1
7.263	53.25	45.4
7.271	53.20	45.6
7.262	53.20	45.4
360	13ʰ24ᵐ	30°27′
7.246	13.53	30.3
7.249	13.55	30.9
7.274	13.47	31.0
7.288	13.54	31.2
7.293	13.56	30.8
7.270	13.53	30.8
361	13ʰ25ᵐ	30°43′
7.255	25.84	4.8
7.257	25.86	4.1
7.263	25.79	4.3
7.271	25.81	5.2
7.262	25.82	4.6
362	13ʰ25ᵐ	29°53′
7.246	33.97	7.9
7.249	33.97	7.5
7.274	34.00	6.9
7.288	33.99	7.8
7.293	34.00	7.6
7.270	33.99	7.5
363	13ʰ26ᵐ	31°3′
7.255	8.89	44.5
7.257	8.90	44.5

Época 1930 +	α 1937.0	δ 1937.0
7.263	$8^s.92$	43".4
7.271	8.88	43.8
7.262	8.90	44.0

Área 154

364	14^h21^m	30°34′
7.381	52.44	46.1
7.383	52.43	45.6
7.457	52.50	46.3
7.479	52.50	46.3
7.482	52.48	45.8
7.436	52.47	46.0
365	14^h22^m	30°0′
7.411	18.03	7.8
7.427	17.95	7.7
7.435	17.95	8.1
7.438	18.00	8.0
7.441	17.96	8.6
7.430	17.98	8.0
366	14^h23^m	30°18′
7.381	57.68	10.1
7.383	57.66	10.9
7.457	57.58	9.9
7.479	57.61	10.2
7.482	57.65	10.6
7.436	57.64	10.3
367	14^h24^m	29°42′
7.411	2.65	2.9
7.427	2.53	3.1
7.435	2.62	3.4
7.438	2.63	3.1
7.441	2.56	2.6
7.430	2.60	3.0
368	14^h24^m	30°53′
7.381	30.00	31.1
7.383	30.02	31.7
7.457	30.11	31.7
7.479	30.11	31.4
7.482	30.12	31.4
7.436	30.07	31.5
369	14^h24^m	30°12′
7.411	39.24	42.1
7.427	39.23	42.4
7.435	39.22	42.7
7.438	39.20	42.4
7.441	39.22	42.1
7.430	39.22	42.3

Época 1930 +	α 1937.0	δ 1937.0
370	14^h24^m	30°46′
7.381	$53^s.84$	3".5
7.383	53.89	2.3
7.457	53.89	2.9
7.479	53.86	2.7
7.482	53.87	3.2
7.436	53.87	2.9
371	14^h26^m	29°38′
7.411	2.69	60.1
7.427	2.70	59.8
7.435	2.71	60.1
7.438	2.67	59.6
7.441	2.62	59.4
7.430	2.68	59.8
372	14^h27^m	29°54′
7.381	12.55	8.2
7.383	12.55	9.3
7.457	12.58	9.2
7.479	12.62	8.4
7.482	12.54	8.9
7.436	12.57	8.8
373	14^h27^m	29°49′
7.411	15.64	5.3
7.427	15.74	5.4
7.435	15.64	5.3
7.438	15.70	6.2
7.441	15.68	5.8
7.430	15.68	5.6

Área 155

374	15^h26^m	29°48′
7.381	37.33	28.8
7.383	37.19	28.2
7.479	37.31	29.4
7.482	37.27	29.0
7.506	37.28	28.2
7.446	37.28	28.7
375	15^h26^m	29°36′
7.427	50.91	52.5
7.435	50.97	53.1
7.441	50.96	52.6
7.496	50.93	52.8
7.450	50.94	52.8
376	15^h27^m	30°2′
7.381	39.70	1.1
7.383	39.71	0.5
7.479	39.71	1.7
7.482	39.67	1.4
7.496	39.78	0.9
7.444	39.71	1.1

Época 1930 +	α 1937.0	δ 1937.0
377	15^h28^m	29°58′
7.427	$26^s.83$	50".7
7.435	26.76	51.5
7.438	26.82	50.4
7.441	26.71	50.4
7.506	26.77	50.6
7.449	26.78	50.7
378	15^h28^m	29°21′
7.381	57.61	53.2
7.383	57.66	53.1
7.479	57.59	53.4
7.482	57.57	53.8
7.496	57.61	53.3
7.444	57.61	53.4
379	15^h29^m	29°26′
7.411	15.85	52.4
7.427	15.85	51.6
7.435	15.93	51.4
7.438	15.81	51.7
7.441	15.82	51.7
7.430	15.85	51.8
380	15^h29^m	29°30′
7.381	23.84	31.0
7.383	23.87	31.2
7.479	23.90	30.3
7.496	23.79	31.0
7.435	23.85	30.9
381	15^h29^m	30°0′
7.427	33.47	45.1
7.441	33.47	44.6
7.482	33.49	43.9
7.506	33.40	45.7
7.464	33.46	44.8
382	15^h30^m	30°2′
7.381	21.10	10.5
7.383	21.00	9.5
7.479	—	10.6
7.482	21.08	11.2
7.496	21.08	9.4
7.444	21.06	10.2
383	15^h30^m	30°34′
7.427	26.67	13.9
7.435	26.70	13.7
7.438	26.62	13.1
7.441	26.75	13.0
7.435	26.68	13.4

Área 156

384	16^h23^m	29°19′
7.381	21.43	18.5
7.383	21.47	19.2

Época 1930 +	α 1937.0	δ 1937.0
7.482	$21^s.35$	20".1
7.496	21.43	18.9
7.436	21.42	19.2
385	16^h24^m	30°8′
7.427	52.72	35.5
7.425	52.59	35.4
7.438	52.69	35.1
7.441	—	35.4
7.506	52.65	34.6
7.449	52.66	35.2
386	16^h24^m	30°1′
7.381	58.64	0.3
7.383	58.68	0.2
7.482	58.59	0.1
7.496	58.70	0.6
7.436	58.65	0.3
387	16^h25^m	29°43′
7.427	40.05	45.9
7.435	40.12	46.0
7.438	40.09	46.1
7.441	40.06	46.1
7.435	40.08	46.0
388	16^h25^m	29°55′
7.381	52.30	55.6
7.383	52.33	55.4
7.482	52.36	55.8
7.496	52.37	55.4
7.506	52.30	55.8
7.450	52.33	55.6
389	16^h26^m	29°20′
7.427	44.73	47.8
7.435	44.68	47.8
7.438	44.70	47.9
7.441	44.67	47.4
7.435	44.70	47.7
390	16^h27^m	29°51′
7.381	12.75	43.3
7.383	12.67	43.1
7.482	12.70	42.6
7.496	12.75	43.2
7.506	12.72	43.5
7.450	12.72	43.1
391	16^h27^m	29°45′
7.427	44.10	14.2
7.435	44.05	14.9
7.438	44.08	14.9
7.441	44.04	14.9
7.435	44.07	14.7

Época 1930 +	α 1937.0	δ 1937.0
392	16^h28^m	29°55′
7.381	4ˢ.84	18″.3
7.383	4.80	17.9
7.482	4.88	17.8
7.496	4.85	17.9
7.506	4.96	17.9
7.450	4.87	18.0
393	16^h28^m	30°3′
7.427	37.34	36.0
7.435	37.32	36.0
7.438	37.34	35.5
7.441	37.34	35.7
7.435	37.34	35.8

Área 157

394	17^h26^m	29°35′
7.381	53.03	22.3
7.383	53.00	22.4
7.482	52.96	21.8
7.496	53.05	22.6
7.506	52.97	22.8
7.450	53.00	22.4
395	17^h27^m	30°2′
7.427	13.69	39.9
7.435	13.66	40.1
7.438	13.72	39.6
7.441	13.69	39.8
7.435	13.69	39.8
396	17^h27^m	30°16′
7.556	14.53	27.1
7.558	14.54	27.3
7.561	14.50	26.5
7.597	14.46	27.3
7.608	—	26.9
7.610	14.52	27.3
7.582	14.51	27.1
397	17^h27^m	30°11′
7.381	33.33	56.8
7.383	33.28	56.8
7.482	33.29	55.4
7.496	33.32	56.8
7.506	33.29	57.6
7.450	33.30	56.7
398	17^h27^m	30°21′
7.556	53.88	19.4
7.558	53.92	19.4
7.561	53.88	19.1
7.597	53.84	18.9
7.608	53ˢ.86	19″.7
7.610	53.96	18.7
7.582	53.89	19.2
399	17^h28^m	30°24′
7.427	14.97	54.4
7.435	14.98	54.4
7.438	15.01	55.1
7.441	14.93	54.9
7.435	14.97	54.7
400	17^h28^m	30°4′
7.381	32.65	27.3
7.383	32.58	27.4
7.482	32.62	28.5
7.496	32.71	27.5
7.506	32.68	26.8
7.450	32.65	27.5
401	17^h28^m	30°19′
7.556	57.18	58.8
7.558	57.12	59.1
7.561	57.14	58.6
7.597	57.14	59.4
7.608	57.07	58.9
7.610	57.15	58.1
7.582	57.13	58.8
402	17^h29^m	29°36′
7.427	2.22	22.8
7.435	2.17	23.1
7.438	2.23	23.9
7.441	2.20	23.2
7.435	2.20	23.2
403	17^h29^m	29°43′
7.381	6.34	37.9
7.383	6.34	38.0
7.482	6.36	37.4
7.496	6.35	38.0
7.506	6.35	37.0
7.450	6.35	37.7
404	17^h29^m	30°22′
7.427	59.01	5.3
7.435	59.03	6.1
7.438	58.97	6.2
7.441	58.98	5.1
7.435	59.00	5.7

Área 158

405	18^h22^m	30°25′
7.556	37.94	48.2
7.558	37.93	48 5
7.610	37.95	49.0
7.613	37ˢ.87	48″.1
7.619	37.84	47.9
7.591	37.91	48.3
406	18^h23^m	30°6′
7.561	0.66	25.1
7.569	0.64	25.2
7.580	0.56	25.2
7.597	0.62	25.1
7.608	0.62	24.4
7.583	0.62	25.0
407	18^h23^m	29°32′
7.556	4.08	47.6
7.558	4.12	47.0
7.610	4.17	47.4
7.613	4.10	47.4
7.619	4.10	46.8
7.591	4.11	47.2
408	18^h23^m	30°9′
7.561	19.68	44.7
7.569	19.64	44.6
7.580	19.61	44.4
7.597	19.63	45.0
7.608	19.60	45.0
7.583	19.63	44.7
409	18^h23^m	29°51′
7.556	47.77	23.7
7.558	47.76	24.0
7.610	47.76	24.0
7.613	47.78	24.0
7.619	47.77	23.8
7.591	47.77	23.9
410	18^h25^m	29°57′
7.561	3.18	18.7
7.569	3.17	19.4
7.580	3.22	20.7
7.608	3.24	19.6
7.580	3.20	19.6
411	18^h25^m	29°23′
7.556	11.08	23.8
7.558	11.01	22.9
7.610	11.00	22.7
7.613	11.06	23.3
7.619	11.05	23.7
7.591	11.04	23.3
412	18^h25^m	29°21′
7.561	30.17	17.0
7.569	30.19	16.6
7.580	30.16	—
7.597	30ˢ.13	16″.5
7.608	30.19	17.4
7.583	30.17	16.9
413	18^h25^m	29°52′
7.556	43.33	10.9
7.558	43.38	10.6
7.610	43.38	10.2
7.613	43.33	10.3
7.619	43.37	9.8
7.591	43.36	10.4
414	18^h26^m	30°38′
7.561	43.63	59.6
7.580	43.63	59.0
7.597	43.60	59.9
7.608	43.70	60.0
7.586	43.64	59.6
415	18^h26^m	29°39′
7.556	52.00	14.7
7.558	51.99	14.3
7.610	52.03	14.5
7.613	51.96	14.7
7.619	51.99	14.7
7.591	51.99	14.6

Área 159

416	19^h22^m	29°52′
7.556	57.72	9.5
7.558	57.72	9.9
7.613	57.66	9.7
7.649	57.68	9.5
7.671	57.74	10.0
7.609	57.70	9.7
417	19^h23^m	29°26′
7.561	9.17	0.7
7.580	9.16	1.5
7.597	9.26	0.5
7.608	9.19	0.6
7.610	9.17	0.6
7.591	9.19	0.8
418	19^h23^m	29°37′
7.556	53.47	36.9
7.558	53.43	35.8
7.613	53.46	36.0
7.649	53.45	35.7
7.671	53.44	36.8
7.609	53.45	36.2
419	19^h24^m	29°30′
7.561	24.19	58.3
7.580	24.15	58.7

Época 1930 +	α 1937.0	δ 1937.0
7.597	24^s15	58″3
7.608	24.15	58.2
7.610	24.22	58.3
7.591	24.17	58.4
420	19^h25^m	29°50′
7.556	25.63	16.8
7.558	25.62	16.9
7.613	25.64	17.0
7.649	25.63	16.7
7.671	25.64	17.2
7.609	25.63	16.9
421	19^h26^m	29°47′
7.561	2.95	47.6
7.580	2.98	48.5
7.597	2.97	47.7
7.608	2.95	47.8
7.610	3.05	48.5
7.591	2.98	48.0
422	19^h26^m	30°2′
7.556	6.40	13.8
7.558	6.49	14.8
7.613	6.49	14.3
7.649	6.43	15.0
7.671	6.41	14.1
7.609	6.44	14.4
423	19^h26^m	29°47′
7.561	42.32	7.7
7.580	42.39	7.7
7.597	42.36	7.6
7.608	42.40	7.2
7.610	42.39	7.1
7.591	42.37	7.5
424	19^h26^m	30°12′
7.556	53.31	0.6
7.558	53.28	0.8
7.613	53.20	59.8
7.649	53.25	0.6
7.671	53.27	0.5
7.609	53.26	0.5
425	19^h26^m	29°30′
7.561	53.02	57.2
7.580	53.05	56.4
7.597	53.03	57.4
7.608	53.00	57.4
7.610	53.00	57.1
7.591	53.02	57.1
426	19^h27^m	29°37′
7.556	8.62	37.2
7.558	8.60	36.9
7.613	8.61	38.0

Época 1930 +	α 1937.0	δ 1937.0
7.649	8^s62	37″2
7.671	8.57	37.1
7.609	8.60	37.3

Área 160

427	20^h24^m	29°34′
7.556	13.99	56.8
7.558	13.97	56.7
7.649	13.93	56.8
7.671	—	57.2
7.687	13.98	56.9
7.715	13.94	57.3
7.639	13.96	57.0
428	20^h24^m	30°4′
7.561	27.87	47.1
7.580	27.89	47.3
7.597	27.82	47.6
7.608	27.90	46.7
7.610	27.82	47.0
7.591	27.86	47.1
429	20^h25^m	29°36′
7.556	19.85	6.5
7.558	19.86	6.8
7.649	19.89	5.8
7.671	—	6.6
7.687	19.87	6.5
7.715	19.86	6.6
7.639	19.87	6.5
430	20^h25^m	29°14′
7.561	51.87	13.3
7.580	51.91	13.2
7.597	51.87	13.7
7.608	51.85	13.0
7.610	51.99	13.3
7.591	51.90	13.3
431	20^h26^m	29°54′
7.556	52.51	10.3
7.558	52.55	9.9
7.649	52.52	10.1
7.671	—	10.3
7.687	52.51	9.9
7.715	52.52	9.9
7.639	52.52	10.1
432	20^h27^m	29°19′
7.561	5.50	29.7
7.580	5.54	29.7
7.597	5.48	29.9
7.608	5.57	29.9
7.610	5.55	30.0
7.591	5.53	29.8

Época 1930 +	α 1937.0	δ 1937.0
433	20^h28^m	30°23′
7.556	2^s34	1″8
7.558	2.32	0.4
7.649	2.27	1.2
7.671	2.21	1.8
7.608	2.28	1.3
434	20^h28^m	30°10′
7.561	49.55	11.0
7.580	49.62	10.9
7.597	49.59	10.8
7.608	49.54	10.6
7.610	49.59	10.9
7.591	49.58	10.8

Área 161

435	21^h28^m	29°4′
7.556	42.98	33.5
7.558	43.02	33.5
7.649	43.04	33.2
7.671	43.05	33.5
7.608	43.02	33.4
436	21^h29^m	30°25′
7.561	16.61	10.1
7.580	16.64	10.3
7.608	16.61	10.2
7.610	16.64	10.3
7.590	16.62	10.2
437	21^h30^m	29°44′
7.556	6.79	50 5
7.558	6.76	50.9
7.649	6.74	51.1
7.671	6.79	51.3
7.608	6.77	51.0
438	21^h30^m	30°22′
7.561	22.15	20.0
7.580	22.14	19.6
7.608	22.19	19.6
7.610	22.13	19.2
7.590	22.15	19.6
439	21^h30^m	30°19′
7.556	57.31	31.9
7.558	57.17	32.1
7.649	57.15	32.3
7.671	57.17	32.4
7.608	57.18	32.2
440	21^h30^m	29°10′
7.561	57.92	7.0
7.580	57.88	6.6

Época 1930 +	α 1937.0	δ 1937.0
7.608	57^s92	6″9
7.610	57.85	6.8
7.590	57.89	6.8
441	21^h31^m	29°58′
7.556	10.33	36.6
7.558	10.33	36.5
7.649	10.28	36.6
7.671	10.28	37.1
7.608	10.30	36.7
442	21^h32^m	29°34′
7.561	39.80	2.0
7.580	39.85	2.1
7.608	39.82	2.2
7.610	39.81	2.4
7.590	39.82	2.2

Área 162

443	22^h23^m	28°59′
7.726	23.17	18.8
7.728	23.17	19.6
7.736	23.12	19.1
7.808	23.14	18.8
7.821	23.12	18.8
7.764	23.14	19.0
444	22^h25^m	29°3′
7.747	9.86	40.3
7.750	9.89	40.1
7.791	9.81	40.5
7.802	9.90	39.6
7.805	9.87	40.1
7.779	9.87	40.1
445	22^h25^m	29°54′
7.726	32.53	4.8
7.728	32.48	5.3
7.736	32.57	4.8
7.808	—	5.6
7.821	32.54	4.7
7.832	32.49	4.8
7 775	32.52	5.0
446	22^h25^m	29°2′
7.747	52.65	56.4
7.750	52.74	56.8
7.791	52.68	56.5
7.802	52.75	56.5
7.805	52.71	55.8
7.779	52.71	56.4
447	22^h25^m	28°58′
7.726	53.93	54.7
7.728	53.97	55.5
7.736	53.92	55.2

Época 1930 +	α 1937.0	δ 1937.0
7.808	53ˢ87	54″4
7.821	53.96	54.8
7.764	53.93	54.9
448	22^h25^m	29°24′
7.747	58.72	7.1
7.750	58.76	6.9
7.791	58.76	6.7
7.802	58.73	7.1
7.805	58.71	7.4
7.779	58.74	7.0
449	22^h26^m	29°11′
7.726	42.69	54.1
7.728	42.75	53.9
7.736	42.68	54.5
7.808	42.71	54.8
7.821	42.71	54.3
7.764	42.71	54.3
450	22^h27^m	29°36′
7.747	35.56	47.0
7.750	35.53	46.9
7.791	35.55	47.2
7.802	35.52	47.0
7.805	35.60	47.3
7.779	35.55	47.1

Área 163

451	23^h22^m	30°21′
7.726	5.34	12.7
7.728	5.37	13 0
7.736	5.29	13.1
7.808	5.37	12.4
7.821	5.36	12.9
7.764	5.35	12.8
452	23^h22^m	29°53′
7.747	16.27	47.1
7.750	16.27	46.9
7.791	16.27	46.8
7.802	16.17	47.0
7.805	16.31	47.1
7.779	16.26	47.0
453	23^h22^m	29°16′
7.726	31.24	51.2
7.728	31.12	51.1
7.736	31.17	51.7
7.808	31.16	51.6
7.821	31.15	51.3
7.764	31.17	51.4

Época 1930 +	α 1937.0	δ 1937.0
454	23^h22^m	29°33′
7.747	45ˢ93	46″6
7.750	46.04	47.5
7.791	46.01	47.4
7.805	46.04	47.4
7.832	45.99	46.9
7.785	46.00	47.2
455	23^h24^m	29°51′
7.726	24.00	56.6
7.728	24.00	56.9
7.736	23.92	57.0
7.808	24.01	56.3
7.821	24.04	56.8
7.764	23.99	56.7
456	23^h25^m	29°13′
7.747	51.45	51.2
7.750	51.46	51.3
7.791	51.45	51.1
7.802	51.48	51.0
7.805	51.49	50.9
7.779	51.47	51.1
457	23^h25^m	30°9′
7.726	57.84	14.5
7.728	57.88	14.6
7.736	57.93	14.3
7.808	57.95	14.5
7.832	57.76	15.3
7.766	57.87	14.6
458	23^h26^m	30°27′
7.747	52.50	5.2
7.750	52.56	5.0
7.791	52.59	5.5
7.802	52.60	5.6
7.805	52.59	5.6
7.779	52.57	5.4

Área 164

459	0^h36^m	45°8′
7.728	51.97	33.0
7.747	52.07	32.6
7.752	52.07	32.9
7.808	51.99	32.4
7.821	52.06	31.6
7.771	52.03	32.5
460	0^h38^m	43°57′
7.750	53.16	0.6
7.791	53.15	0.7
7.802	53.20	59.8

Época 1930 +	α 1937.0	δ 1937.0
7.805	53ˢ17	0″6
7.862	53.19	0.6
7.802	53.17	0.5
461	0^h39^m	44°52′
7.747	30.48	39.3
7.752	30.45	39.7
7.808	30.55	38.1
7.821	30.47	39.3
7.857	30.54	40.6
7.797	30.50	39.4
462	0^h39^m	43°51′
7.750	37.85	52.5
7.791	37.91	52.7
7.802	37.93	52.4
7.805	37.91	52.5
7.862	37.94	51.8
7.802	37.91	52.4
463	0^h40^m	44°28′
7.747	25.11	4.2
7.752	25.15	4.3
7.808	25.21	3.4
7.821	25.15	4.3
7.857	25.17	4.8
7.797	25.16	4.2
464	0^h41^m	43°52′
7.750	22.31	22.9
7.791	22.26	22.8
7.802	22.26	23.4
7.805	22.32	23.6
7.862	22.25	23.2
7.802	22.28	23.2
465	0^h42^m	44°56′
7.747	43.89	18.8
7.752	43.91	18.3
7.808	43.97	18.9
7.821	43.94	19.0
7.857	43.99	19.2
7.797	43.94	18.8
466	0^h43^m	44°26′
7.750	8.77	50.8
7.791	8.74	50.4
7.802	8.75	50.2
7.805	8.79	50.9
7.862	8.83	50.4
7.802	8.78	50.5
467	0^h43^m	44°23′
7.747	20.32	34.9
7.752	20.36	34.4
7.808	20.38	35.0

Época 1930 +	α 1937.0	δ 1937.0
7.821	20ˢ36	35″5
7.857	20.40	35.8
7.797	20.36	35.1
468	0^h43^m	45°7′
7.750	25.87	31.1
7.791	25.92	30.6
7.802	25.90	30.7
7.805	25.83	30.7
7.862	25.86	30.5
7.802	25.88	30.7

Área 165

469	1^h33^m	44°37′
7.728	24.76	32.0
7.747	24.82	32.5
7.808	24.86	32.3
7.821	24.82	32.6
7.857	24.81	32.6
7.792	24.81	32.4
470	1^h33^m	44°24′
7.750	28.35	39.5
7.791	28.27	39.2
7.802	28.32	39.1
7.805	28.38	39.6
7.862	28.36	39.3
7.802	28.34	39.3
471	1^h34^m	45°7′
7.728	1.79	34.7
7.747	1.71	34.8
7.808	1.75	34.6
7.821	1.74	34.8
7.857	1.77	34.5
7.792	1.75	34.7
472	1^h35^m	45°11′
7.750	59.56	56.2
7.791	59.54	56.5
7.802	59.61	56.6
7.805	59.55	56.8
7.862	59.58	56.4
7.802	59.57	56.5
473	1^h36^m	44°54′
7.728	3.34	51.8
7.747	3.25	52.2
7.808	3.25	52.1
7.821	3.28	52.1
7.857	3.27	52.1
7.792	3.28	52.1

Época 1930 +	α 1937.0	δ 1937.0
474	1^h37^m	44°10′
7.750	34ˢ60	56″3
7.791	34.50	56.2
7.802	34.53	55.4
7.805	34.57	55.5
7.862	34.55	55.8
7.802	34.55	55.8
475	1^h37^m	45°21′
7.728	46.38	15.4
7.747	46.28	14.9
7.808	46.30	14.8
7.821	46.29	14.9
7.857	46.35	15.4
7.792	46.32	15.1
476	1^h38^m	44°11′
7.750	23.74	42.2
7.791	23.74	41.9
7.802	23.76	41.8
7.805	23.78	42.1
7.862	23.73	42.3
7.802	23.75	42.1

Área 166

477	2^h33^m	45°1′
7.864	46.15	58.5
7.886	46.02	57.9
7.897	46.08	58.2
7.938	46.13	58.8
7.942	46.03	57.9
7.905	46.08	58.3
478	2^h34^m	44°59′
7.900	3.66	57.3
7.903	3.58	57.2
7.908	3.57	57.1
7.914	3.54	57.4
7.933	3.62	57.7
7.912	3.59	57.3
479	2^h36^m	45°0′
7.864	9.69	16.8
7.886	9.65	17.0
7.897	9.62	16.6
7.938	9.71	16.4
7.942	9.64	16.9
7.905	9.66	16.7
480	2^h36^m	44°58′
7.900	10.47	44.2
7.903	10.57	43.6
7.908	10.49	43.6
7.914	10.49	43.2
7.933	10.50	44.0
7.912	10.50	43.7

Época 1930 +	α 1937.0	δ 1937.0
481	2^h36^m	44°25′
7.864	23ˢ03	38″8
7.886	23.03	32.8
7.897	23.09	32.7
7.938	23.10	32.9
7.942	23.10	33.0
7.905	23.07	32.8
482	2^h36^m	44°4′
7.900	54.99	18.5
7.903	54.87	18.3
7.908	54.89	18.3
7.914	54.92	19.2
7.933	54.87	18.5
7.912	54.91	18.6
483	2^h37^m	44°45′
7.864	27.61	4.6
7.886	27.63	4.4
7.897	27.59	4.0
7.938	27.63	4.5
7.942	27.60	4.3
7.905	27.61	4.4
484	2^h39^m	44°44′
7.900	51.83	47.1
7.903	51.78	47.1
7.908	51.79	46.4
7.914	51.81	47.4
7.933	51.76	46.9
7.912	51.79	47.0
485	2^h40^m	45°10′
7.864	19.45	10.1
7.886	19.43	9.8
7.897	19.49	10.2
7.935	19.41	9.2
7.942	19.43	9.3
7.905	19.44	9.7
486	2^h41^m	44°55′
7.900	3.59	11.4
7.903	3.53	11.3
7.908	3.59	11.4
7.914	3.52	11.7
7.933	3.46	11.5
7.912	3.54	11.5

Área 167

487	3^h35^m	44°41′
7.864	10.50	41.1
7.886	10.59	41.2
7.897	10.57	41.1
7.942	10.70	41.2
7.945	10.61	40.1
7.907	10.59	41.0

Época 1930 +	α 1937.0	δ 1937.0
488	3^h36^m	44°59′
7.900	59ˢ60	49″3
7.903	59.60	49.2
7.914	59.51	49.8
7.933	59.68	49.7
7.938	59.57	49.5
7.918	59.59	49.5
489	3^h39^m	44°47′
7.864	5.33	28.3
7.886	5.29	27.4
7.897	5.38	28.3
7.942	5.24	28.0
7.945	5.30	28.2
7.907	5.31	28.0
490	3^h40^m	44°46′
7.900	15ˢ03	4.8
7.903	15.10	4.8
7.914	15.01	4.8
7.931	14.98	4.8
7.938	15.04	5.2
7.918	15.03	4.9
491	3^h41^m	45°14′
7.864	18.29	35.5
7.886	18.24	35.0
7.897	18.31	35.1
7.942	18.38	34.0
7.945	18.34	35.2
7.907	18.31	35.0
492	3^h42^m	44°58′
7.900	23.70	10.9
7.903	23.64	10.3
7.914	23.73	11.0
7.933	23.66	10.8
7.938	23.75	10.6
7.918	23.70	10.7
493	3^h42^m	44°42′
7.864	26.02	39.8
7.886	25.98	39.4
7.897	25.88	39.9
7.942	26.03	40.0
7.945	26.03	40.1
7.907	25.99	39.8

Área 168

494	4^h36^m	44°45′
7.864	14.36	2.8
7.897	14.40	3.0
7.942	14.36	2.9

Época 1930 +	α 1937.0	δ 1937.0
7.945	14ˢ34	3″6
8.011	14.35	3.4
7.932	14.36	3.1
495	4^h37^m	45°14′
7.900	37.62	38.9
7.903	37.61	39.1
7.914	37.60	39.0
7.933	37.59	38.9
7.938	37.57	38.4
7.918	37.60	38.9
496	4^h37^m	45°10′
7.864	48.17	5.1
7.897	48.10	5.1
7.942	48.15	5.2
7.945	48.09	5.5
8.011	48.15	5.1
7.932	48.13	5.2
497	4^h38^m	44°51′
7.900	27.59	23.8
7.903	27.66	23.4
7.914	27.52	23.8
7.933	27.47	23.7
7.938	27.48	23.5
7.918	27.54	23.6
498	4^h39^m	45°25′
7.864	53.13	35.4
7.897	53.17	35.3
7.942	53.15	35.2
7.945	53.09	35.9
8.011	53.13	35.2
7.932	53.13	35.4
499	4^h40^m	45°2′
7.900	0.17	4.3
7.903	0.12	4.7
7.914	0.12	4.0
7.933	0.18	4.1
7.938	0.19	3.9
7.918	0.16	4.2
500	4^h40^m	44°36′
7.864	17.86	49.2
7.897	17.86	49.7
7.942	17.82	49.1
7.945	17.83	48.9
8.011	17.84	48.8
7.932	17.84	49.1
501	4^h40^m	44°46′
7.900	32.25	2.2
7.903	32.50	2.1
7.914	32.31	2.6

Época 1930 +	α 1937.0	δ 1937.0
7.933	$3^{s}2^{s}29$	2.″1
7.938	32.28	2.1
7.918	32.33	2.2
502	$4^{h}41^{m}$	45°25′
7.864	1.92	57.5
7.897	1.98	57.2
7.942	1.98	57.0
7.945	1.99	57.3
8.011	1.93	57.6
7.932	1.96	57.3
503	$4^{h}42^{m}$	44°32′
7.900	35.15	0.1
7.903	35.08	0.6
7.914	35.14	0.2
7.933	35.15	0.3
7.938	35.21	0.5
7.918	35.15	0.3
504	$4^{h}42^{m}$	44°39′
7.864	53.25	58.6
7.897	53.28	58.7
7.942	53.24	58.7
7.945	53.35	58.9
8.011	53.19	58.5
7.932	53.26	58.7

Área 169

505	$5^{h}37^{m}$	45°23′
7.864	0.40	17.7
7.897	0.47	18.1
7.942	0.41	17.2
7.945	0.36	17.6
8.011	0.40	18.1
7.932	0.41	17.7
506	$5^{h}37^{m}$	45°35′
7.900	25.92	28.0
7.903	25.96	27.4
7.914	25.95	27.3
7.933	25.90	27.6
7.938	25.97	27.7
7.918	25.94	27.6
507	$5^{h}39^{m}$	44°57′
7.864	49.63	21.8
7.897	49.65	21.6
7.942	49.69	22.9
7.945	49.67	21.1
8.011	49.66	22.0
7.932	49.66	21.9

Época 1930 +	α 1937.0	δ 1937.0
508	$5^{h}41^{m}$	45°15′
7.900	$1^{s}52$	47.″3
7.903	1.60	47.0
7.914	1.60	47.1
7.933	1.61	46.2
7.938	1.66	47.4
7.918	1.60	47.0
509	$5^{h}41^{m}$	44°34′
7.864	27.72	11.5
7.897	27.65	11.3
7.942	27.70	11.4
7.945	27.60	11.1
8.011	27.67	11.1
7.932	27.67	11.3
510	$5^{h}41^{m}$	44°39′
7.900	42.02	46.3
7.903	42.10	46.0
7.914	42.09	45.8
7.933	42.11	45.0
7.938	42.04	44.7
7.918	42.07	45.6
511	$5^{h}41^{m}$	44°28′
7.864	47.79	28.9
7.897	47.88	28.9
7.942	47.78	29.2
7.945	47.88	29.1
8.011	47.83	29.7
7.932	47.83	29.2
512	$5^{h}41^{m}$	45°38′
7.900	55.03	52.5
7.903	55.05	52.7
7.914	55.02	52.0
7.933	55.04	51.6
7.938	55.02	52.2
7.918	55.03	52.2
513	$5^{h}43^{m}$	45°8′
7.864	13.40	42.4
7.897	13.33	42.5
7.942	13.33	43.3
7.945	13.43	42.3
8.011	13.36	42.3
7.932	13.37	42.6
514	$5^{h}43^{m}$	44°58′
7.900	36.39	9.0
7.903	36.38	9.2
7.914	36.34	9.2
7.933	36.34	9.0
7.938	36.33	8.3
7.918	36.36	8.9

Época 1930 +	α 1938.0	δ 1938.0

Área 170

515	$6^{h}35^{m}$	44°26′
8.071	$5^{s}2^{s}17$	25.″5
8.078	52.19	24.9
8.107	52.21	25.8
8.142	52.18	26.1
8.148	52.09	26.1
8.189	52.21	25.8
8.122	52.18	25.7
516	$6^{h}36^{m}$	45°13′
8.109	27.35	19.5
8.112	27.33	20.1
8.115	27.31	19.6
8.145	27.34	19.4
8.189	27.37	19.7
8.134	27.34	19.7
517	$6^{h}36^{m}$	45°19′
8.120	41.46	3.4
8.126	41.48	3.1
8.129	41.46	3.4
8.131	41.45	3.2
8.140	41.49	3.3
8.129	41.47	3.3
518	$6^{h}36^{m}$	45°0′
8.071	55.19	27.6
8.078	55.09	27.6
8.107	55.16	27.9
8.109	55.11	28.1
8.142	55.13	27.9
8.101	55.14	27.8
519	$6^{h}37^{m}$	44°59′
8.112	7.13	48.0
8.115	7.18	47.3
8.145	7.08	47.5
8.189	7.07	47.3
8.140	7.12	47.5
520	$6^{h}37^{m}$	45°30′
8.120	54.96	8.0
8.126	54.94	7.9
8.129	54.96	7.9
8.131	54.97	8.5
8.140	54.97	7.8
8.129	54.96	8.0
521	$6^{h}39^{m}$	45°3′
8.071	26.73	8.6
8.078	26.74	9.0
8.107	26.78	9.6
8.142	26.74	9.0
8.100	26.75	9.0

Época 1930 +	α 1938.0	δ 1938.0
522	$6^{h}39^{m}$	45°12′
8.109	$3o^{s}24$	53.″0
8.112	30.24	53.3
8.115	30.23	52.8
8.145	30.16	53.0
8.189	30.21	52.9
8.134	30.22	53.0
523	$6^{h}40^{m}$	44°49′
8.120	4.53	21.9
8.126	4.55	22.8
8.129	4.56	22.6
8.131	4.55	22.2
8.140	4.51	22.4
8.129	4.54	22.4
524	$6^{h}40^{m}$	45°17′
8.071	43.09	36.4
8.078	43.12	36.4
8.107	43.08	37.0
8.142	43.02	37.6
8.145	43.06	36.3
8.109	43.07	36.7
525	$6^{h}42^{m}$	45°29′
8.109	54.29	54.5
8.112	54.25	55.2
8.115	54.29	54.6
8.145	54.30	55.0
8.189	54.24	54.8
8.134	54.27	54.8

Área 171

526	$7^{h}34^{m}$	44°50′
8.071	42.54	50.1
8.078	42.61	50.3
8.107	42.57	49.9
8.085	42.57	50.1
527	$7^{h}34^{m}$	45°17′
8.109	56.82	29.0
8.112	56.81	28.7
8.115	56.81	29.1
8.142	56.81	29.0
8.189	56.82	28.7
8.133	56.81	28.9
528	$7^{h}34^{m}$	44°53′
8.120	59.84	17.2
8.126	59.85	16.6
8.129	59.84	16.6
8.131	59.89	16.5
8.140	59.82	16.4
8.129	59.85	16.7

Época 1930 +	α 1938.0	δ 1938.0
529	7^h36^m	45°24′
8.071	31ˢ06	16″1
8.078	31.09	16.8
8.107	31.05	16.4
8.145	31.03	17.0
8.189	31.08	16.9
8.118	31.06	16.6
530	7^h36^m	44°41′
8.109	51.15	13.4
8.112	51.14	13.9
8.115	51.14	13.7
8.142	51.14	13.5
8.189	51.15	13.5
8.133	51.14	13.6
531	7^h37^m	45°9′
8.120	23.71	19.4
8.126	23.76	18.1
8.129	23.74	19.0
8.131	23.72	18.6
8.140	23.73	19.1
8.129	23.73	18.8
532	7^h38^m	45°1′
8.071	6.83	15.3
8.078	6.84	15.4
8.107	6.85	15.0
8.145	6.80	16.0
8.100	6.83	15.4
533	7^h38^m	45°12′
8.109	15.34	17.0
8.112	15.33	16.7
8.115	15.30	16.6
8.142	15.35	16.4
8.189	15.37	16.0
8.133	15.34	16.5
534	7^h39^m	44°29′
8.120	24.98	9.1
8.126	24.96	8.2
8.129	24.96	8.7
8.131	24.95	8.7
8.140	24.95	8.6
8.129	24.96	8.7
535	7^h39^m	44°44′
8.071	30.04	9.9
8.078	30.01	9.9
8.107	29.93	11.0
8.142	29.98	11.1
8.145	29.94	10.5
8.109	29.98	10.5

Época 1930 +	1938.0	δ 1938.0
536	7^h40^m	45°32′
8.109	36ˢ58	10″5
8.112	36.61	9.3
8.115	36.62	10.1
8.142	36.59	10.1
8.145	36.61	10.4
8.125	36.60	10.1
537	7^h41^m	45°0′
8.120	1.94	53.4
8.126	1.90	54.3
8.129	1.88	54.0
8.131	1.91	54.2
8.140	1.93	53.9
8.129	1.91	54.0

Área 172

538	8^h38^m	44°58′
8.071	28.38	10.2
8.078	28.36	10.6
8.107	28.36	11.2
8.131	28.30	11.3
8.140	28.31	11.6
8.105	28.34	11.0
539	8^h38^m	44°50′
8.109	40.63	12.9
8.112	40.62	13.4
8.115	40.60	12.5
8.142	40.64	12.8
8.145	40.58	12.4
8.125	40.61	12.8
540	8^h39^m	44°46′
8.120	27.43	10.6
8.126	27.36	10.3
8.131	27.33	10.3
8.140	27.36	10.3
8.189	27.35	10.3
8.141	27.37	10.4
541	8^h39^m	45°19′
8.071	42.45	42.9
8.078	42.44	43.1
8.107	42.41	42.8
8.142	42.45	43.4
8.189	42.41	43.6
8.117	42.43	43.2
542	8^h39^m	45°11′
8.109	50.19	16.2
8.112	50.22	17.0
8.115	50.19	16.0
8.145	50.21	16.2
8.120	50.20	16.4

Época 1930 +	α 1938.0	δ 1938.0
543	8^h40^m	45°14′
8.120	47ˢ36	23″8
8.126	47.44	23.1
8.131	47.40	23.6
8.140	47.47	22.8
8.142	47.52	23.2
8.132	47.44	23.3
544	8^h41^m	45°20′
8.078	0.31	14.0
8.107	0.26	14.2
8.142	0.24	14.8
8.145	0.29	15.0
8.189	0.27	14.6
8.132	0.27	14.5
545	8^h41^m	44°54′
8.109	34.21	41.9
8.145	34.19	41.9
8.189	34.24	41.8
8.148	34.21	41.9
546	8^h43^m	45°41′
8.126	14.94	17.9
8.131	14.85	18.1
8.140	14.86	17.8
8.132	14.88	17.9
547	8^h43^m	44°45′
8.071	22.76	34.5
8.078	22.70	35.1
8.107	22.76	34.9
8.142	22.76	35.2
8.145	22.71	34.7
8.109	22.74	34.9
548	8^h44^m	45°41′
8.109	23.84	3.7
8.112	23.86	3.9
8.115	23.90	3.4
8.142	23.91	4.6
8.145	23.92	3.4
8.125	23.89	3.8

Área 173

549	9^h33^m	45°50′
8.071	10.48	2.6
8.078	10.42	1.7
8.107	10.42	2.3
8.142	10.50	3.2
8.145	10.50	2.7
8.109	10.46	2.5

Época 1930 +	α 1938.0	δ 1938.0
550	9^h33^m	45°47′
8.109	47ˢ97	48″1
8.112	47.95	48.8
8.115	47.91	48.2
8.142	47.94	47.6
8.120	47.94	48.2
551	9^h33^m	44°56′
8.120	57.69	0.4
8.126	57.68	0.5
8.129	57.66	0.4
8.131	57.67	0.9
8.140	57.73	59 9
8.129	57.69	0.4
552	9^h36^m	45°50′
8.071	16.00	56.9
8.078	15.96	56.5
8.107	16.07	56.4
8.145	16.05	57.3
8.189	15.94	55.8
8.118	16.00	56.8
553	9^h36^m	45°12′
8.109	27.08	59.0
8.112	27.18	58.0
8.115	27.18	59.1
8.142	27.13	58.8
8.189	27.11	58.3
8.133	27.14	58.6
554	9^h36^m	45°8′
8.120	43.82	43.8
8.126	43.76	43.6
8.129	43.73	42 9
8.131	43.82	43.3
8.140	43.73	43.2
8.129	43.77	43.4
555	9^h37^m	45°29′
8.071	2.09	41.9
8.078	2.11	41.8
8.107	2.18	42.2
8.085	2.13	42.0
556	9^h37^m	44°53′
8.109	5.17	34.1
8.112	5.17	34.3
8.115	5.14	34.0
8.142	5.14	33.9
8.145	5.15	32.4
8.189	5.20	34.2
8.135	5.16	33.8
557	9^h37^m	45°22′
8.120	27.58	52.7
8.126	27.56	52.4
8.129	27.59	53.0

Época 1930 +	α 1938.0	δ 1938.0
8.131	27ˢ.60	52″.0
8.140	27.58	51.9
8.129	27.58	52.4
558	9^h38^m	45°16′
8.071	4.51	39.4
8.078	4.52	40.0
8.107	4.62	40.2
8.142	4.49	39.8
8.145	4.55	39.9
8.109	4.54	39.9
559	9^h39^m	45°42′
8.109	32.05	47.0
8.112	32.09	47.0
8.115	32.08	46.8
8.142	32.05	46.3
8.145	32.05	46.1
8.125	32.06	46.6

Época 1930 +	α 1937.0	δ 1937.0
	Área 174	
560	10^h36^m	45°53′
7.246	4.29	40.7
7.249	4.31	41.1
7.274	4.31	41.1
7.282	4.31	40.9
7.288	4.30	40.8
7.293	4.30	40.7
7.272	4.30	40.9
561	10^h37^m	45°45′
7.255	45.03	14.2
7.257	45.10	14.0
7.263	45.17	13.8
7.268	45.07	14.0
7.271	45.16	14.5
7.263	45.11	14.1
562	10^h37^m	44°57′
7.246	46.77	58.5
7.249	46.62	59.0
7.274	46.75	59.2
7.284	46.79	59.1
7.288	46.68	58.7
7.293	46.69	59.9
7.272	46.72	59.1
563	10^h37^m	46°5′
7.255	52.90	57.4
7.257	52.94	57.6
7.263	52.88	57.9
7.268	52.91	57.4
7.271	52.97	57.6
7.263	52.92	57.6

Época 1930 +	α 1937.0	δ 1937.0
564	10^h38^m	45°26′
7.246	57ˢ.06	20″.9
7.249	57.16	21.1
7.274	57.05	21.2
7.282	57.16	21.9
7.288	57.03	21.9
7.268	57.09	21.4
565	10^h39^m	46°3′
7.255	8.33	17.1
7.257	8.34	16.5
7.268	8.35	17.3
7.271	8.28	16.2
7.293	8.35	17.2
7.269	8.33	16.9
566	10^h39^m	44°53′
7.246	29.55	24.0
7.249	29.49	23.7
7.274	29.55	23.3
7.282	29.53	23.7
7.288	29.55	23.9
7.268	29.53	23.7
567	10^h39^m	44°55′
7.246	47.02	48.5
7.249	46.99	48.5
7.274	47.11	48.5
7.282	47.11	47.3
7.288	47.11	48.0
7.268	47.07	48.2
568	10^h39^m	45°11′
7.255	48.00	31.4
7.257	47.96	30.4
7.268	48.05	31.0
7.271	47.92	30.8
7.293	48.08	31.5
7.269	48.00	31.0
569	10^h41^m	45°52′
7.246	36.39	34.0
7.249	36.35	33.4
7.274	36.37	33.2
7.282	36.31	32.8
7.288	36.38	32.7
7.268	36.36	33.2

Época 1930 +	α 1937.0	δ 1937.0
	Área 175	
570	11^h35^m	45°24′
7.246	6.14	1.1
7.249	6.22	1.3
7.274	6.24	1.1

Época 1930 +	α 1937.0	δ 1937.0
7.288	6ˢ.22	0″.9
7.293	6.16	0.7
7.270	6.20	1.0
571	11^h35^m	45°0′
7.255	45.54	42.5
7.257	45.55	43.1
7.263	45.40	42.5
7.268	45.54	43.0
7.271	45.55	43.0
7.263	45.51	42.8
572	11^h36^m	45°37′
7.246	41.23	43.4
7.249	41.22	43.4
7.274	41.29	43.1
7.288	41.34	43.0
7.293	41.27	42.7
7.270	41.27	43.1
573	11^h36^m	45°27′
7.255	47.60	11.1
7.257	47.65	11.3
7.263	47.65	11.0
7.268	47.61	11.6
7.271	47.65	10.4
7.263	47.63	11.1
574	11^h38^m	45°49′
7.246	49.43	58.3
7.249	49.45	58.6
7.274	49.41	58.9
7.288	49.40	58.7
7.293	49.38	58.7
7.270	49.41	58.6
575	11^h38^m	45°17′
7.255	53.49	57.8
7.257	53.40	58.0
7.263	53.46	57.9
7.268	53.43	57.5
7.271	53.45	57.9
7.263	53.45	57.8
576	11^h40^m	44°44′
7.246	10.71	40.9
7.249	10.68	41.0
7.274	10.72	41.4
7.288	10.69	41.2
7.293	10.72	41.2
7.270	10.70	41.1
577	11^h40^m	44°53′
7.255	50.69	59.2
7.257	50.70	59.2
7.263	50.75	59.5

Época 1930 +	α 1937.0	δ 1937.0
7.268	5oˢ.75	58″.9
7.271	50.72	59.0
7.263	50.72	59.2
578	11^h41^m	45°13′
7.246	1.78	43.0
7.249	1.74	43.6
7.274	1.78	43.1
7.288	1.74	43.2
7.293	1.73	43.2
7.270	1.75	43.2
579	11^h42^m	45°42′
7.255	26.21	39.4
7.257	26.19	39.0
7.263	26.26	39.1
7.268	26.24	38.8
7.271	26.17	39.5
7.263	26.21	39.2
580	11^h42^m	45°20′
7.246	36.39	24.0
7.249	36.37	23.8
7.274	36.43	23.5
7.288	36.46	23.6
7.293	36.43	24.1
7.270	36.42	23.8

	Área 176	
581	12^h45^m	45°4′
7.246	3.08	33.0
7.249	3.12	32.6
7.274	3.20	32.8
7.288	3.13	33.2
7.293	3.16	33.3
7.270	3.14	33.0
582	12^h45^m	45°13′
7.255	15.55	31.5
7.257	15.55	31.5
7.263	15.59	32.3
7.271	15.60	31.5
7.262	15.57	31.7
583	12^h46^m	45°28′
7.246	0.52	54.0
7.249	0.56	54.1
7.274	0.42	53.9
7.288	0.53	53.9
7.293	0.51	54.0
7.270	0.51	54.0
584	12^h46^m	45°33′
7.252	6.08	43.0
7.257	6.09	44.2

Época 1930 +	α 1937.0	δ 1937.0
7.263	$6^s.14$	$43''.3$
7.271	6.10	43.1
7.262	6.10	43.4
585	12^h48^m	$45°8'$
7.246	46.50	57.0
7.249	46.54	56.9
7.274	46.40	57.1
7.288	46.48	57.0
7.293	46.58	57.2
7.270	46.50	57.0
586	12^h49^m	$45°34'$
7.255	30.15	25.5
7.257	30.12	25.3
7.263	30.17	25.7
7.271	30.11	25.6
7.262	30.14	25.5
587	12^h49^m	$44°47'$
7.246	45.73	58.7
7.249	45.77	58.9
7.274	45.79	58.8
7.288	45.69	58.9
7.293	45.76	58.8
7.270	45.75	58.8
588	12^h50^m	$44°46'$
7.255	21.74	1.4
7.257	21.65	1.2
7.263	21.66	0.7
7.271	21.73	0.8
7.262	21.70	1.0
589	12^h50^m	$45°1'$
7.246	25.84	13.5
7.249	25.81	14.1
7.274	25.89	14.2
7.288	25.88	14.1
7.293	25.83	13.6
7.270	25.85	13.9
590	12^h50^m	$44°55'$
7.255	58.93	43.8
7.257	59.00	43.9
7.263	58.95	44.2
7.271	58.93	43.8
7.262	58.95	43.9

Área 177

591	13^h47^m	$44°37'$
7.246	35.68	22.7
7.249	35.64	22.5
7.274	35.71	22.1
7.288	35.59	22.7
7.264	35.66	22.5
592	13^h47^m	$44°45'$
7.255	39.52	50.8
7.257	39.48	51.1
7.263	39.48	50.5
7.271	39.51	50.6
7.262	39.50	50.8
593	13^h47^m	$44°43'$
7.246	56.17	6.7
7.249	56.14	7.2
7.274	56.15	5.7
7.288	56.16	6.4
7.264	56.16	6.5
594	13^h48^m	$45°32'$
7.255	38.72	40.1
7.257	38.81	39.5
7.263	38.74	39.6
7.271	38.70	39.2
7.262	38.74	39.6
595	13^h49^m	$45°19'$
7.246	33.54	17.9
7.249	33.61	17.9
7.274	33.55	18.0
7.288	33.55	18.3
7.293	33.55	17.4
7.270	33.56	17.9
596	13^h49^m	$44°31'$
7.255	48.36	16.2
7.257	48.44	16.5
7.263	48.36	16.3
7.271	48.44	17.1
7.262	48.40	16.5
597	13^h50^m	$45°5'$
7.246	44.33	5.2
7.249	44.36	5.4
7.274	44.26	5.9
7.288	44.32	5.4
7.293	44.35	5.7
7.270	44.32	5.5
598	13^h50^m	$45°27'$
7.255	54.23	8.6
7.257	54.19	9.2
7.263	54.21	9.1
7.271	54.25	8.5
7.262	54.22	8.8
599	13^h51^m	$45°35'$
7.246	$2^s.49$	$25''.8$
7.249	2.47	26.1
7.274	2.57	25.9
7.288	2.56	25.3
7.293	2.55	25.3
7.270	2.53	25.7
600	13^h53^m	$45°5'$
7.255	46.00	44.4
7.257	46.06	44.7
7.263	46.07	44.8
7.271	46.02	44.7
7.262	46.04	44.6

Área 178

601	14^h46^m	$46°1'$
7.381	30.72	58.5
7.383	30.71	59.0
7.457	30.71	58.6
7.479	30.71	59.4
7.482	30.79	59.9
7.436	30.73	59.1
602	14^h47^m	$46°13'$
7.411	12.92	27.2
7.427	12.86	27.9
7.435	12.92	27.9
7.438	12.93	27.4
7.441	12.95	27.6
7.430	12.92	27.6
603	14^h47^m	$45°11'$
7.381	51.46	49.3
7.383	51.41	48.7
7.457	51.49	50.8
7.479	51.41	48.4
7.482	51.46	48.9
7.436	51.45	49.2
604	14^h48^m	$45°19'$
7.411	31.28	57.4
7.427	31.28	57.3
7.435	31.25	57.5
7.438	31.27	57.5
7.441	31.30	58.0
7.430	31.28	57.5
605	14^h49^m	$45°35'$
7.381	9.69	52.8
7.383	9.70	53.2
7.457	9.66	54.4
7.479	9.72	52.8
7.482	9.70	52.7
7.436	9.69	53.2
606	14^h49^m	$45°3'$
7.411	$40^s.78$	$14''.5$
7.427	40.79	14.8
7.435	40.80	15.0
7.438	40.72	15.4
7.441	40.73	15.4
7.430	40.76	14.8
607	14^h49^m	$46°0'$
7.381	43.34	4.4
7.383	43.33	3.4
7.457	43.33	4.1
7.479	43.33	2.3
7.482	43.38	4.0
7.436	43.34	3.6
608	14^h50^m	$45°35'$
7.411	6.87	16.1
7.427	6.94	15.1
7.435	6.88	15.1
7.438	6.98	15.9
7.441	6.89	15.3
7.430	6.91	15.5
609	14^h51^m	$45°43'$
7.381	32.55	7.6
7.383	32.47	8.4
7.457	22.59	7.7
7.479	32.50	8.9
7.482	32.56	8.6
7.436	32.53	8.2
610	14^h53^m	$45°59'$
7.411	15.07	19.2
7.427	15.05	19.3
7.435	15.11	19.8
7.438	15.11	18.9
7.441	15.04	19.5
7.430	15.08	19.3

Área 179

611	15^h47^m	$44°54'$
7.381	30.57	1.2
7.383	30.57	1.5
7.479	30.52	1.5
7.482	30.63	2.2
7.496	30.65	1.8
7.444	30.59	1.6
612	15^h47^m	$45°18'$
7.411	35.97	58.5
7.427	35.93	59.0
7.435	35.98	58.7

Época 1930 +	α 1937.0	δ 1937.0
7.438	35ˢ85	58″8
7.441	35.87	58.8
7.430	35.92	58.8
613	15ʰ47ᵐ	45°5′
7.381	48.05	44.8
7.383	48.02	44.4
7.479	48.10	44.2
7.482	48.05	44.1
7.496	47.93	44.5
7.444	48.03	44.4
614	15ʰ48ᵐ	44°57′
7.411	11.33	32.3
7.427	11.37	33.4
7.435	11.29	33.1
7.438	11.35	32.6
7.441	11.34	32.7
7.430	11.34	32.8
615	15ʰ48ᵐ	45°36′
7.381	28.70	45.4
7.383	28.61	45.0
7.479	28.62	44.0
7.482	28.77	44.0
7.496	28.72	45.4
7.444	28.68	44.8
616	15ʰ49ᵐ	44°37′
7.411	50.04	16.9
7.427	49.90	16.4
7.435	49.93	16.5
7.441	49.93	16.4
7.506	50.00	16.4
7.444	49.96	16.5
617	15ʰ49ᵐ	44°48′
7.381	51.22	56.1
7.383	51.24	56.2
7.479	51.21	57.2
7.482	51.19	57.6
7.496	51.29	56.5
7.444	51.23	56.7
618	15ʰ50ᵐ	45°16′
7.411	24.08	39.2
7.427	24.10	39.1
7.435	24.03	38.7
7.438	24.08	39.9
7.441	24.09	40.0
7.430	24.08	39.4
619	15ʰ52ᵐ	45°28′
7.381	13.69	52.4
7.383	13.66	53.2
7.479	13.71	52.9
7.482	13.73	53.0
7.496	13.78	53.7
7.444	13.71	53.0
620	15ʰ53ᵐ	44°55′
7.411	7.16	6.1
7.427	7.08	6.0
7.435	7.00	6.4
7.438	6.95	6.3
7.441	6.99	6.6
7.430	7.04	6.3

Área 180

621	16ʰ45ᵐ	44°53′
7.381	52.49	43.5
7.383	52.48	43.6
7.482	52.49	43.3
7.496	52.55	43.9
7.506	52.47	43.7
7.450	52.50	43.6
622	16ʰ46ᵐ	45°35′
7.427	40.00	14.6
7.435	40.11	14.3
7.438	40.09	14.8
7.441	40.00	14.8
7.435	40.05	14.6
623	16ʰ47ᵐ	44°23′
7.381	2.77	12.6
7.383	2.80	12.1
7.482	2.83	12.3
7.496	2.80	11.8
7.506	2.79	11.9
7.450	2.80	12.1
624	16ʰ47ᵐ	45°21′
7.427	29.38	30.9
7.435	29.35	30.7
7.438	29.30	31.3
7.441	29.39	31.4
7.435	29.36	31.1
625	16ʰ48ᵐ	44°48′
7.381	41.77	11.2
7.383	41.71	11.8
7.482	41.76	11.9
7.496	41.78	10.9
7.506	41.75	11.6
7.450	41.75	11.5
626	16ʰ49ᵐ	44°59′
7.427	5.13	9.7
7.435	5.03	10.2
7.438	5ˢ03	9″8
7.441	5.11	9.4
7.435	5.08	9.8
627	16ʰ49ᵐ	44°47′
7.381	49.39	19.6
7.383	49.44	20.3
7.482	49.36	21.2
7.496	49.39	20.7
7.506	49.43	20.4
7.450	49.40	20.4
628	16ʰ50ᵐ	45°23′
7.427	19.78	22.5
7.435	19.71	23.2
7.438	19.77	22.6
7.441	19.70	22.0
7.435	19.74	22.6
629	16ʰ50ᵐ	44°53′
7.381	32.28	16.6
7.383	32.27	15.9
7.482	32.23	15.7
7.496	32.21	16.1
7.506	32.27	15.6
7.450	32.25	16.0
630	16ʰ51ᵐ	45°0′
7.427	3.06	5.9
7.435	3.08	5.3
7.438	3.07	5.5
7.441	3.14	5.5
7.435	3.09	5.6
631	16ʰ51ᵐ	44°46′
7.381	41.61	38.5
7.383	41.65	38.6
7.482	41.69	37.6
7.496	41.64	38.7
7.506	41.72	39.1
7.450	41.66	38.5

Área 181

632	17ʰ47ᵐ	44°22′
7.381	52.65	3.3
7.383	52.72	3.1
7.482	52.70	3.0
7.496	52.79	3.3
7.506	52.74	3.8
7.450	52.72	3.3
633	17ʰ49ᵐ	45°27′
7.427	37.28	26.1
7.435	37.23	26.8
7.438	37ˢ22	26″7
7.441	37.26	26.4
7.435	37.25	26.5
634	17ʰ50ᵐ	44°35′
7.381	35.28	7.2
7.383	35.35	7.5
7.482	35.36	7.7
7.496	35.29	7.5
7.506	35.31	7.4
7.450	35.32	7.5
635	17ʰ50ᵐ	45°27′
7.427	53.03	37.6
7.435	52.95	36.4
7.438	52.97	36.8
7.441	52.87	36.5
7.435	52.96	36.8
636	17ʰ51ᵐ	44°55′
7.381	6.51	8.8
7.383	6.41	9.0
7.484	6.44	9.6
7.496	6.49	9.4
7.436	6.46	9.2
637	17ʰ51ᵐ	44°42′
7.427	26.15	19.3
7.435	26.17	19.5
7.438	26.17	19.2
7.441	26.09	18.7
7.506	26.16	19.0
7.449	26.15	19.1
638	17ʰ51ᵐ	44°31′
7.381	40.56	50.5
7.383	40.46	50.2
7.482	40.58	50.6
7.496	40.55	50.4
7.436	40.54	50.4
639	17ʰ53ᵐ	44°47′
7.435	20.35	4.5
7.438	20.36	5.0
7.441	20.34	4.7
7.506	20.37	4.3
7.455	20.36	4.6
640	17ʰ53ᵐ	45°26′
7.381	25.77	57.7
7.383	25.73	57.4
7.482	25.82	57.5
7.496	25.79	57.7
7.436	25.78	57.6

Época 1930 +	α 1937.0	δ 1937.0
641	17^h53^m	44°58′
7.435	50ˢ.12	10″.8
7.438	50.20	10.5
7.441	50.19	10.9
7.506	50.20	9.3
7.455	50.18	10.4
642	17^h54^m	44°31′
7.381	27.40	33.1
7.383	27.35	33.5
7.482	27.41	32.8
7.496	27.43	33.0
7.436	27.40	33.1

Área 182

643	18^h49^m	45°33′
7.556	51.81	54.5
7.558	51.83	54.6
7.610	51.83	54.5
7.613	51.76	54.9
7.619	51.80	55.0
7.591	51.81	54.7
644	18^h50^m	45°20′
7.561	6.60	24.1
7.580	6.61	24.1
7.597	6.65	24.0
7.608	6.66	23.4
7.586	6.63	23.9
645	18^h51^m	45°18′
7.556	19.98	8.2
7.558	19.98	7.9
7.610	20.03	8.0
7.613	20.00	8.1
7.619	19.93	7.7
7.591	19.98	8.0
646	18^h51^m	45°13′
7.561	33.33	29.1
7.569	33.36	29.6
7.580	33.28	29.4
7.597	33.32	29.2
7.608	33.30	29.2
7.583	33.32	29.3
647	18^h52^m	44°50′
7.556	3.50	36.1
7.558	3.60	36.3
7.610	3.59	36.3
7.613	3.60	36.6
7.619	3.49	36.7
7.591	3.56	36.4

Época 1930 +	α 1937.0	δ 1937.0
648	18^h52^m	44°54′
7.561	41ˢ.93	54″.8
7.580	41.95	55.0
7.597	41.94	54.8
7.608	41.96	55.3
7.586	41.94	55.0
649	18^h52^m	44°23′
7.556	44.28	3.7
7.558	44.27	2.8
7.610	44.31	3.8
7.613	44.31	3.9
7.619	44.28	3.2
7.591	44.29	3.5
650	18^h53^m	45°1′
7.561	59.73	16.8
7.580	59.68	16.3
7.597	59.66	15.5
7.608	59.60	16.3
7.586	59.67	16.2
651	18^h54^m	44°39′
7.556	5.97	27.6
7.558	5.96	27.2
7.610	5.89	26.9
7.613	5.94	27.2
7.619	5.94	26.9
7.591	5.94	27.2
652	18^h54^m	44°13′
7.561	53.04	29.3
7.580	53.07	29.3
7.597	53.03	30.0
7.608	52.98	29.4
7.586	53.03	29.5
653	18^h55^m	45°12′
7.556	31.44	19.7
7.558	31.47	20.3
7.610	31.41	19.0
7.613	31.47	19.4
7.619	31.44	19.6
7.591	31.45	19.6

Área 183

654	19^h53^m	44°28′
7.556	11.37	28.6
7.558	11.39	27.3
7.649	11.40	27.3
7.671	11.40	28.2
7.608	11.39	27.8

Época 1930 +	α 1937.0	δ 1937.0
655	19^h53^m	44°36′
7.561	24ˢ.72	48″.7
7.580	24.67	48.8
7.608	24.80	48.1
7.610	24.70	48.7
7.590	24.72	48.6
656	19^h55^m	44°51′
7.556	54.22	11.5
7.558	54.20	11.6
7.649	54.22	11.6
7.671	54.18	11.9
7.608	54.20	11.6
657	19^h56^m	44°13′
7.561	5.91	33.4
7.580	5.99	33.9
7.597	5.98	33.8
7.608	5.89	33.3
7.610	5.95	33.7
7.591	5.94	33.6
658	19^h56^m	45°17′
7.556	20.89	10.7
7.558	20.89	11.1
7.649	20.87	11.2
7.671	20.88	10.8
7.608	20.88	11.0
659	19^h57^m	44°38′
7.561	44.68	28.9
7.580	44.74	29.0
7.597	44.59	28.7
7.608	44.70	28.9
7.610	44.62	29.0
7.591	44.67	28.9
660	19^h58^m	45°22′
7.556	8.95	18.7
7.558	8.99	18.9
7.649	8.95	18.4
7.671	8.92	18.3
7.608	8.95	18.6
661	19^h58^m	44°23′
7.561	9.49	51.9
7.580	9.52	52.1
7.597	9.40	51.9
7.608	9.47	52.4
7.610	9.48	51.9
7.591	9.47	52.0
662	19^h59^m	44°46′
7.556	3.64	12.1
7.558	3.71	12.5
7.649	3.61	12.7
7.671	3.67	12.8
7.608	3.66	12.5

Época 1930 +	α 1937.0	δ 1937.0

Área 184

663	20^h47^m	44°21′
7.556	54ˢ.65	15″.2
7.558	54.67	16.4
7.649	54.58	15.9
7.671	54.67	15.9
7.608	54.64	15.8
664	20^h48^m	44°7′
7.561	1.46	14.1
7.580	1.48	13.9
7.597	1.46	13.5
7.608	1.49	13.7
7.610	1.48	14.1
7.591	1.47	13.9
665	20^h49^m	44°34′
7.556	30.02	45.8
7.558	30.04	46.2
7.649	30.06	46.1
7.671	30.12	45.9
7.608	30.06	46.0
666	20^h50^m	45°20′
7.561	24.72	8.0
7.580	24.78	—
7.597	24.70	8.1
7.608	24.76	7.5
7.610	24.65	8.2
7.591	24.72	8.0
667	20^h51^m	44°42′
7.556	23.39	45.8
7.558	23.42	45.4
7.649	23.43	45.8
7.671	23.39	45.7
7.608	23.41	45.7
668	20^h51^m	44°48′
7.561	31.53	59.4
7.580	31.53	59.6
7.597	31.54	60.0
7.608	31.53	59.5
7.610	31.54	59.1
7.591	31.53	59.5
669	20^h53^m	44°21′
7.556	30.23	20.0
7.558	30.31	20.3
7.649	30.22	20.5
7.671	30.27	20.3
7.608	30.26	20.3

Época 1930 +	α 1937.0	δ 1937.0
670	20^h53^m	44°16′
7.561	32ˢ.76	15″.9
7.580	32.79	16.3
7.597	32.77	15.5
7.608	32.79	15.2
7.610	32.77	14.9
7.591	32.78	15.6
671	20^h53^m	45°9′
7.556	55.65	32.8
7.558	55.71	32.9
7.649	55.62	32.4
7.671	55.65	32.6
7.608	55.66	32.7

Área 185

672	21^h50^m	44°5′
7.556	15.50	59.1
7.558	15.54	58.5
7.649	15.56	59.8
7.671	15.57	59.8
7.608	15.54	59.3
673	21^h50^m	44°5′
7.561	30.26	14.2
7.580	30.36	14.1
7.608	30.36	14.7
7.610	30.38	14.8
7.590	30.34	14.4
674	21^h50^m	44°27′
7.726	31.94	47.8
7.728	31.88	47.8
7.736	31.96	47.4
7.802	31.94	47.5
7.805	31.91	47.7
7.759	31.93	47.6
675	21^h50^m	45°6′
7.556	37.33	27.6
7.558	37.30	27.6
7.649	37.26	27.4
7.671	37.26	27.3
7.608	37.29	27.5
676	21^h50^m	43°56′
7.561	43.17	16.8
7.580	43.22	17.4
7.608	43.26	16.4
7.610	43.21	16.3
7.590	43.22	16.7
677	21^h51^m	44°59′
7.726	13.33	32.1
7.728	13.26	32.1
7.736	13ˢ.19	32″.0
7.802	13.28	32.3
7.805	13.25	32.0
7.759	13.26	32.1
678	21^h52^m	44°36′
7.556	59.10	45.6
7.558	59.02	45.4
7.649	59.05	46.0
7.671	58.98	45.9
7.608	59.04	45.7
679	21^h53^m	44°33′
7.561	11.98	35.3
7.580	11.99	35.5
7.608	11.98	34.9
7.610	11.98	36.2
7.590	11.98	35.5
680	21^h54^m	45°3′
7.726	32.18	24.5
7.728	32.18	24.3
7.736	32.18	24.8
7.802	32.17	24.7
7.805	32.19	24.5
7.759	32.18	24.6
681	21^h54^m	44°21′
7.556	39.07	46.3
7.558	39.12	46.0
7.649	39.10	46.5
7.671	39.09	46.4
7.608	39.10	46.3

Area 186

682	22^h43^m	44°36′
7.726	2.69	54.7
7.728	2.64	54.5
7.736	2.59	54.9
7.808	2.67	55.3
7.821	2.58	55.1
7.764	2.63	54.9
683	22^h43^m	45°23′
7.747	10.56	0.7
7.750	10.69	0.8
7.791	10.67	0.5
7.802	10.65	59.9
7.805	10.67	0.8
7.779	10.65	0.5
684	22^h43^m	44°13′
7.726	28.94	42.1
7.728	28.91	41.7
7.736	28.88	42.0
7.808	28ˢ.92	42″.0
7.821	28.82	42.0
7.764	28.89	42.0
685	22^h43^m	45°17′
7.747	46.29	51.7
7.750	46.19	51.7
7.791	46.30	51.9
7.802	46.30	51.8
7.805	46.21	51.9
7.779	46.26	51.8
686	22^h45^m	44°56′
7.726	18.52	6.7
7.728	18.48	7.4
7.736	18.48	6.7
7.808	18.54	7.0
7.821	18.47	7.5
7.764	18.50	7.1
687	22^h46^m	44°45′
7.747	11.73	25.9
7.750	11.72	25.8
7.791	11.77	25.6
7.802	11.75	25.7
7.805	11.79	25.3
7.779	11.75	25.7
688	22^h46^m	44°22′
7.726	55.59	43.1
7.728	55.60	43.1
7.808	55.66	42.4
7.821	55.69	42.8
7.771	55.64	42.8
689	22^h47^m	44°10′
7.747	57.77	0.3
7.750	57.71	59.5
7.791	57.71	0.5
7.802	57.77	59.6
7.805	57.78	0.4
7.779	57.75	0.1
690	22^h48^m	45°19′
7.726	0.40	53.9
7.728	0.40	53.2
7.736	0.37	53.2
7.808	0.46	53.3
7.821	0.36	53.9
7.764	0.40	53.5
691	22^h48^m	45°7′
7.747	9.38	9.5
7.750	9.32	8.9
7.791	9.38	8.9
7.802	9ˢ.33	9″.2
7.805	9.38	9.1
7.779	9.36	9.1
692	22^h49^m	45°11′
7.726	22.35	35.6
7.728	22.35	35.6
7.736	22.43	35.5
7.808	22.30	35.6
7.821	22.38	36.0
7.764	22.36	35.7

Área 187

693	23^h45^m	44°38′
7.726	9.27	8.2
7.728	9.23	8.1
7.736	—	8.3
7.808	9.23	8.9
7.821	9.19	8.5
7.832	9.24	8.2
7.775	9.23	8.4
694	23^h45^m	45°21′
7.747	41.08	23.3
7.752	41.06	23.1
7.791	41.09	23.1
7.802	41.07	24.1
7.805	41.11	23.8
7.779	41.08	23.5
695	23^h48^m	44°51′
7.726	33.25	20.9
7.728	33.15	20.7
7.808	33.22	21.0
7.821	—	22.0
7.832	33.17	20.9
7.857	33.14	21.9
7.795	33.19	21.2
696	23^h49^m	44°58′
7.747	49.18	16.5
7.750	49.14	15.8
7.791	49.21	16.8
7.802	49.28	16.2
7.805	49.28	16.2
7.779	49.22	16.3
697	23^h50^m	45°0′
7.726	8.82	0.0
7.728	8.78	0.5
7.808	8.84	0.1
7.832	8.78	0.7
7.857	8.70	1.3
7.790	8.78	0.5

Época 1930 +	α 1937.0	δ 1937.0
698	23^h50^m	45°17′
7.747	28ˢ.10	10″.9
7.750	28.09	9.9
7.791	28.07	10.7
7.802	28.11	11.2
7.805	28.13	11.1
7.779	28.10	10.8
699	23^h50^m	44°53′
7.726	30.18	38.2
7.728	30.17	38.6
7.808	30.29	38.0
7.832	30.24	39.0
7.857	—	38.7
7.790	30.22	38.5
700	23^h50^m	45°28′
7.747	35.15	23.7
7.750	35.19	23.7
7.791	35.16	23.9
7.802	35.23	23.3
7.805	35.11	23.8
7.779	35.17	23.7

Área 188

701	1^h19^m	59°27′
7.728	45.11	18.7
7.747	45.15	17.4
7.808	45.10	18.2
7.821	45.16	18.1
7.857	45.14	17.9
7.792	45.13	18.1
702	1^h22^m	59°49′
7.750	57.34	9.3
7.791	57.48	8.9
7.802	57.42	8.6
7.805	57.50	9.3
7.857	57.45	9.6
7.801	57.44	9.1
703	1^h22^m	59°49′
7.728	57.27	34.9
7.747	57.30	35.0
7.808	57.37	33.9
7.821	57.36	34.4
7.857	57.28	33.8
7.792	57.32	34.4
704	1^h23^m	59°39′
7.750	21.86	42.0
7.791	21.85	42.3
7.802	21.81	42.4
7.805	21.90	42.3
7.857	21.68	42.9
7.801	21.82	42.4

Época 1930 +	α 1937.0	δ 1937.0
705	1^h24^m	59°28′
7.728	18ˢ.91	39″.5
7.747	18.89	39.5
7.808	19.00	39.8
7.821	18.92	39.0
7.857	18.86	39.2
7.792	18.92	39.4
706	1^h25^m	59°35′
7.750	15.59	52.5
7.791	15.52	52.7
7.802	15.60	52.0
7.805	15.60	52.9
7.857	15.49	51.8
7.801	15.56	52.4
707	1^h26^m	59°51′
7.747	12.68	23.1
7.805	12.80	23.1
7.808	12.79	23.3
7.821	12.67	23.7
7.857	12.65	22.8
7.808	12.72	23.2
708	1^h27^m	59°49′
7.750	42.42	54.4
7.791	42.35	54.6
7.802	42.26	54.6
7.805	42.32	55.6
7.857	42.17	55.4
7.801	42.30	54.9
709	1^h28^m	59°59′
7.728	26.79	0.2
7.747	26.75	0.5
7.808	26.89	0.0
7.821	26.84	59.6
7.857	26.78	0.7
7.792	26.81	0.2

Área 189

710	3^h19^m	59°51′
7.864	54.26	53.8
7.886	44.24	54.5
7.897	54.34	53.9
7.942	54.32	53.8
7.945	54.29	53.8
7.907	54.29	54.0
711	3^h20^m	58°55′
7.900	44.95	18.6
7.903	44.91	19.0
7.914	44.94	18.5
7.933	44.85	18.5
7.938	44.93	18.5
7.918	44.92	17.7

Época 1930 +	α 1937.0	δ 1937.0
712	3^h21^m	59°10′
7.864	27ˢ.22	52″.9
7.886	27.16	52.9
7.897	27.30	52.8
7.942	27.19	52.4
7.945	27.18	52.2
7.907	27.21	52.6
713	3^h21^m	59°9′
7.900	34.63	27.9
7.903	34.62	27.3
7.914	34.78	27.5
7.933	34.69	27.3
7.938	34.72	27.0
7.918	34.69	27.4
714	3^h21^m	59°3′
7.864	56.56	20.0
7.886	56.52	19.1
7.897	56.53	19.1
7.942	56.53	18.7
7.945	56.54	18.9
7.907	56.54	19.2
715	3^h22^m	59°12′
7.900	11.65	56.2
7.903	11.60	55.4
7.914	11.66	56.3
7.933	11.70	55.3
7.938	11.73	55.3
7.918	11.67	55.7
716	3^h23^m	60°4′
7.864	8.88	9.3
7.886	8.88	9.3
7.897	8.90	8.8
7.942	8.89	9.0
7.945	8.92	9.5
7.907	8.89	9.2
717	3^h24^m	59°30′
7.900	48.41	17.9
7.903	48.41	17.6
7.914	48.36	17.9
7.933	48.33	18.3
7.938	48.32	18.0
7.918	48.37	17.9
718	3^h24^m	59°31′
7.864	59.47	4.2
7.886	59.49	4.3
7.897	59.50	4.1
7.942	59.49	4.4
7.945	59.46	4.5
7.907	59.48	4.3
719	3^h29^m	58°47′
7.900	8.67	15.2
7.903	8.59	15.1

Época 1930 +	α 1937.0	δ 1937.0
7.914	8ˢ.66	15″.1
7.933	8.67	14.8
7.938	8.65	15.9
7.918	8.65	15.2

Época 1930 +	α 1938.0	δ 1938.0

Área 190

720	5^h18^m	60°5′
8.033	15.80	6.2
8.041	15.78	5.9
8.052	15.78	6.6
8.063	15.88	6.7
8.068	15.80	6.0
8.051	15.81	6.3
721	5^h19^m	60°21′
8.033	7.05	16.3
8.041	7.09	16.8
8.052	7.14	17.3
8.063	7.04	17.2
8.068	7.06	16.8
8.051	7.08	16.9
722	5^h21^m	59°41′
8.033	58.22	28.2
8.041	58.25	27.8
8.052	58.18	28.4
8.063	58.35	28.2
8.068	58.24	27.7
8.051	58.25	28.1
723	5^h23^m	60°0′
8.033	31.36	30.5
8.041	31.49	30.7
8.052	31.38	30.8
8.063	31.39	30.1
8.068	31.42	30.8
8.051	31.41	30.6
724	5^h24^m	60°40′
8.033	42.96	49.3
8.041	42.98	48.8
8.052	43.04	48.6
8.063	42.97	49.2
8.068	43.02	49.1
8.051	42.99	49.0
725	5^h26^m	60°27′
8.033	54.54	48.5
8.041	54.48	48.1
8.052	54.51	48.0
8.063	54.64	48.8
8.068	54.45	48.4
8.051	54.52	48.4

Época 1930 +	α 1938.0	δ 1938.0
726	5^h28^m	60°2′
8.033	40ˢ.81	47″.3
8.041	40.87	46.9
8.052	40.69	46.8
8.063	40.89	46.8
8.068	40.80	47.1
8.051	40.81	47.0
	Área 191	
727	7^h18^m	60°1′
8.033	43.02	41.9
8.041	42.92	42.1
8.052	43.04	42.4
8.063	42.98	42.1
8.068	42.97	41.8
8.051	42.99	42.1
728	7^h20^m	60°8′
8.033	27.80	3.1
8.041	27.86	3.2
8.052	27.82	2.5
8.063	27.82	3.0
8.068	27.76	2.8
8.109	27.83	2.3
8.061	27.82	2.8
729	7^h21^m	60°34′
8.078	11.40	21.0
8.107	11.54	21.1
8.112	11.51	22.0
8.131	11.54	21.2
8.142	11.50	22.4
8.114	11.50	21.5
730	7^h21^m	60°11′
8.033	20.98	1.5
8.052	21.04	1.4
8.063	21.01	1.3
8.068	—	1.7
8.145	21.02	1.3
8.072	21.01	1.4
731	7^h21^m	60°7′
8.078	34.92	41.4
8.107	34.89	42.1
8.109	34.91	42.1
8.112	34.90	42.7
8.140	35.03	42.7
8.109	34.93	42.2
732	7^h23^m	60°42′
8.033	3.69	54.7
8.041	3.69	55.8
8.052	3.71	54.9
8.063	3ˢ.72	54″.8
8.068	—	55.2
8.109	3.71	55.3
8.061	3.70	55.1
733	7^h23^m	60°22′
8.071	19.58	35.4
8.078	19.51	35.7
8.107	19.60	35.6
8.131	19.54	36.2
8.140	19.57	35.5
8.105	19.56	35.7
734	7^h23^m	59°48′
8.033	59.65	28.2
8.041	59.63	27.9
8.052	59.68	27.9
8.063	59.73	27.6
8.068	—	28.0
8.109	59.77	27.9
8.061	59.69	27.9
735	7^h25^m	60°52′
8.071	43.41	4.2
8.078	43.46	3.5
8.107	43.47	4.3
8.131	43.42	5.0
8.140	43.51	3.8
8.105	43.45	4.2
736	7^h25^m	59°46′
8.033	51.68	31.8
8.041	51.54	32.5
8.052	51.69	32.3
8.063	51.64	32.4
8.068	—	32.7
8.109	51.68	32.3
8.061	51.65	32.3
737	7^h28^m	60°34′
8.041	9.00	23.7
8.052	9.09	24.0
8.063	8.95	24.1
8.068	9.03	24.5
8.078	8.97	24.1
8.060	9.01	24.1
	Área 192	
738	9^h23^m	60°46′
8.071	37.67	45.4
8.078	37.62	45.0
8.107	37.64	45.2
8.142	37.59	45.0
8.145	37.65	45.2
8.109	37.63	45.2
739	9^h23^m	59°37′
8.109	50ˢ.72	7″.8
8.112	50.73	8.4
8.115	50.74	7.9
8.131	50.73	8.2
8.140	50.74	7.2
8.121	50.73	7.9
740	9^h24^m	59°28′
8.071	21.91	27.2
8.078	21.87	27.9
8.107	21.92	28.0
8.142	21.98	28.6
8.145	22.00	27.9
8.109	21.94	27.9
741	9^h24^m	60°24′
8.109	59.85	24.3
8.112	59.81	24.5
8.115	59.79	23.7
8.131	59.83	23.6
8.140	59.84	23.6
8.121	59.82	23.9
742	9^h25^m	60°15′
8.071	35.50	9.7
8.078	35.51	10.0
8.107	35.44	9.5
8.142	35.45	9.8
8.145	35.52	9.7
8.109	35.48	9.7
743	9^h25^m	59°58′
8.109	40.97	24.5
8.112	40.88	23.5
8.115	40.96	25.2
8.131	40.99	23.7
8.140	40.89	25.0
8.121	40.94	24.4
744	9^h26^m	59°44′
8.071	53.97	15.3
8.078	53.96	15.3
8.107	54.03	15.5
8.142	53.94	15.8
8.145	53.91	14.7
8.109	53.96	15.3
745	9^h27^m	60°10′
8.109	19.04	6.5
8.112	19.01	7.2
8.115	19.00	5.8
8.131	19.03	5.5
8.145	19.04	6.7
8.121	19.02	6.3
746	9^h29^m	59°37′
8.071	25ˢ.24	59″.3
8.078	25.35	58.0
8.107	25.45	58.9
8.142	25.34	59.2
8.145	25.37	58.7
8.109	25.35	58.8
747	9^h29^m	59°54′
8.109	48.64	53.3
8.112	48.78	53.1
8.115	48.67	53.0
8.131	48.71	53.2
8.140	48.70	53.5
8.121	48.70	53.2
748	9^h30^m	60°14′
8.071	49.36	52.2
8.078	49.31	52.6
8.107	49.54	52.4
8.142	49.41	52.4
8.145	49.39	52.5
8.109	49.40	52.4
749	9^h32^m	60°21′
8.109	1.17	5.7
8.112	1.13	5.7
8.115	1.22	5.6
8.131	1.20	5.7
8.140	1.21	5.4
8.121	1.19	5.6

Época 1930 +	α 1937.0	δ 1937.0
	Área 193	
750	11^h24^m	60°8′
7.249	51.19	55.2
7.255	51.10	55.2
7.257	50.99	55.4
7.274	51.16	54.7
7.288	51.10	55.6
7.293	51.11	54.8
7.269	51.11	55.2
751	11^h25^m	60°15′
7.255	33.54	43.0
7.257	33.61	43.0
7.263	33.63	43.5
7.268	33.63	43.2
7.271	33.53	43.1
7.263	33.59	43.2
752	11^h27^m	59°40′
7.246	32.49	24.2
7.249	32.48	22.9
7.274	32.35	24.5

Época 1930 +	α 1937.0	δ 1937.0
7.288	$3^s.28$	23".6
7.293	32.34	23.2
7.270	32.39	23.7
753	11^h27^m	60°43′
7.255	52.63	49.9
7.257	52.68	50.1
7.263	52.63	50.2
7.268	52.63	50.5
7.271	52.61	50.1
7.263	52.64	50.2
754	11^h27^m	59°58′
7.246	57.51	13.3
7.249	57.43	13.4
7.274	57.43	12.8
7.288	57.54	12.9
7.293	57.44	12.6
7.270	57.47	13.0
755	11^h28^m	60°55′
7.255	21.40	50.5
7.257	21.46	49.6
7.263	21.41	50.2
7.268	21.46	49.4
7.271	21.42	50.5
7.263	21.43	50.0
756	11^h28^m	60°18′
7.246	36.75	3.2
7.249	36.77	4.0
7.274	36.75	3.2
7.288	36.86	3.5
7.293	36.77	3.0
7.270	36.78	3.4
757	11^h28^m	60°20′
7.257	54.34	44.1
7.263	54.32	43.2
7.268	54.26	43.8
7.271	54.34	43.7
7.265	54.32	43.7
758	11^h29^m	60°30′
7.246	22.18	19.7
7.249	22.21	19.1
7.274	22.25	19.1
7.288	22.24	18.6
7.293	22.25	18.5
7.270	22.23	19.0
759	11^h30^m	60°32′
7.255	52.62	14.3
7.257	52.64	14.3
7.263	52.61	15.7

Época 1930 +	α 1937.0	δ 1937.0
7.268	$52^s.64$	15".2
7.271	52.49	14.9
7.263	52.60	14.9
760	11^h31^m	60°26′
7.249	54.92	15.6
7.274	54.83	16.2
7.288	54.90	15.5
7.293	54.84	15.4
7.276	54.87	15.7
761	11^h32^m	60°56′
7.255	45.80	21.2
7.257	45.86	21.1
7.263	45.85	20.1
7.268	45.83	20.7
7.271	45.95	21.4
7.263	45.86	20.9
762	11^h33^m	59°39′
7.246	14.44	48.5
7.249	14.51	47.3
7.274	14.53	48.8
7.288	14.46	48.1
7.293	14.60	47.7
7.270	14.51	48.1
763	11^h33^m	60°32′
7.255	36.73	43.4
7.257	36.78	44.0
7.263	36.79	43.8
7.268	36.81	45.4
7.271	36.79	43.9
7.263	36.78	44.1

Área 194

764	12^h54^m	60°39′
7.246	8.39	31.7
7.249	8.28	31.2
7.274	8.25	30.9
7.288	8.31	31.1
7.293	8.30	31.1
7.270	8.31	31.2
765	12^h56^m	60°15′
7.255	14.58	13.8
7.263	14.72	14.0
7.271	14.73	13.8
7.293	14.67	14.4
7.270	14.68	14.0
766	12^h56^m	60°2′
7.246	40.57	8.5
7.249	40.66	8.8

Época 1930 +	α 1937.0	δ 1937.0
7.274	$40^s.62$	8".5
7.288	40.53	8.6
7.264	40.60	8.6
767	12^h57^m	60°19′
7.255	42.93	55.4
7.263	42.96	55.6
7.271	42.86	55.9
7.293	42.88	55.7
7.270	42.91	55.6
768	12^h58^m	60°59′
7.246	49.90	33.9
7.249	49.89	34.2
7.274	49.90	33.3
7.288	49.89	33.3
7.264	49.90	33.7
769	12^h58^m	60°24′
7.255	54.67	15.0
7.263	54.58	15.1
7.271	54.60	15.1
7.293	54.66	17.0
7.270	54.63	15.6
770	13^h0^m	59°51′
7.246	12.06	5.3
7.249	12.00	4.8
7.274	11.99	5.2
7.288	11.96	5.2
7.293	12.10	5.3
7.270	12.02	5.2
771	13^h0^m	60°43′
7.255	51.31	26.6
7.257	51.30	26.7
7.263	51.25	27.3
7.271	51.13	27.0
7.262	51.25	26.9
772	13^h1^m	60°6′
7.246	18.44	8.8
7.249	18.41	9.1
7.274	18.44	8.9
7.288	18.42	8.8
7.293	18.45	8.9
7.270	18.43	8.9
773	13^h2^m	59°56′
7.255	58.96	28.1
7.257	58.90	28.0
7.263	58.88	27.8
7.271	58.90	27.8
7.262	58.91	27.9

Época 1930 +	α 1937.0	δ 1937.0
774	13^h3^m	60°21′
7.246	$23^s.30$	56".2
7.249	23.44	56.9
7.274	23.17	57.0
7.288	23.37	57.6
7.293	23.33	57.4
7.270	23.32	57.0

Área 195

775	14^h55^m	59°33′
7.381	49.89	40.2
7.383	50.07	40.7
7.479	49.98	39.9
7.482	49.91	39.6
7.496	49.95	39.7
7.444	49.96	40.0
776	14^h55^m	60°4′
7.411	52.03	8.6
7.427	52.10	8.4
7.435	52.18	8.8
7.438	52.21	8.1
7.441	52.07	7.8
7.430	52.12	8.3
777	14^h56^m	60°32′
7.381	25.97	19.5
7.383	26.09	20.1
7.479	26.08	20.7
7.482	25.98	19.7
7.496	26.02	20.8
7.444	26.03	20.2
778	14^h58^m	60°34′
7.411	59.36	27.9
7.427	59.31	27.4
7.435	59.31	27.8
7.438	59.31	28.5
7.441	59.28	27.4
7.430	59.31	27.8
779	14^h59^m	60°6′
7.381	36.80	34.7
7.383	36.79	34.0
7.479	36.81	33.8
7.487	36.87	33.6
7.474	36.74	34.5
7.444	36.80	34.1
780	14^h59^m	59°32′
7.411	51.37	56.7
7.427	51.46	57.4
7.435	51.38	57.3

Época 1930 +	α 1937.0	δ 1937.0
7.438	51ˢ39	56″5
7.441	51.34	56.5
7.430	51.39	56.9
781	15^h0^m	60°13′
7.381	14.44	17.2
7.383	14.45	17.2
7.479	14.49	17.5
7.482	14.39	17.9
7.506	14.48	17.3
7.446	14.45	17.4
782	15^h2^m	60°32′
7.411	28.13	2.2
7.427	28.10	2.4
7.435	28.20	2.5
7.438	28.13	3.0
7.441	28.15	3.0
7.430	28.14	2.6
783	15^h2^m	60°53′
7.381	52.56	11.0
7.383	52.47	10.9
7.479	52.51	10.8
7.482	52.48	11.2
7.496	52.42	10.8
7.444	52.49	10.9
784	15^h4^m	60°26′
7.411	14.60	25.9
7.427	14.60	25.7
7.435	14.65	25.7
7.438	14.57	25.9
7.441	14.60	25.9
7.430	14.60	25.8

Área 196

785	17^h0^m	60°20′
7.381	34.62	4.2
7.383	34.59	5.1
7.482	34.73	4.9
7.496	34.75	5.1
7.506	34.60	5.2
7.450	34.66	4.9
786	17^h1^m	60°34′
7.427	18.80	46.3
7.435	18.88	46.7
7.438	18.91	46.4
7.441	18.87	46.4
7.435	18.86	46.4
787	17^h1^m	59°34′
7.381	57.29	58.1
7.383	57.34	58.3
7.482	57.35	58.5
7.496	57.35	57.7
7.506	57.43	57.8
7.450	57.35	58.1
788	17^h3^m	59°43′
7.427	38.40	56.7
7.435	38.40	55.5
7.438	38.39	55.7
7.441	38.46	55.4
7.435	38.41	55.8
789	17^h3^m	60°32′
7.381	45.81	12.0
7.383	45.78	11.8
7.482	45.77	11.7
7.496	45.71	12.0
7.506	45.83	12.7
7.450	45.78	12.0
790	17^h4^m	60°39′
7.427	30.01	31.6
7.435	29.95	32.8
7.438	30.03	32.1
7.441	29.91	32.2
7.435	29.98	32.2
791	17^h5^m	59°28′
7.381	7.03	54.4
7.383	7.04	53.4
7.482	6.97	53.9
7.496	7.04	53.8
7.506	7.08	53.5
7.450	7.03	53.8
792	17^h5^m	60°0′
7.427	45.44	27.8
7.435	45.38	28.2
7.438	45.40	27.7
7.441	45.30	28.1
7.435	45.38	28.0
793	17^h7^m	60°26′
7.381	51.39	10.5
7.383	51.30	9.6
7.482	51.22	10.0
7.496	51.20	10.3
7.506	51.36	10.5
7.450	51.29	10.2
794	17^h8^m	59°30′
7.427	0.14	20.8
7.435	0.18	20.3
7.438	0.29	21.1
7.441	0.26	20.9
7.435	0.22	20.8
795	17^h8^m	60°28′
7.381	51ˢ56	27″0
7.383	51.63	27.0
7.496	51.61	26.4
7.506	51.57	26.6
7.442	51.59	26.8

Área 197

796	19^h0^m	60°12′
7.556	23.30	17.0
7.558	23.27	16.9
7.613	23.24	17.2
7.619	23.20	16.9
7.649	23.29	17.1
7.599	23.26	17.0
797	19^h2^m	60°0′
7.561	6.04	6.8
7.580	6.00	6.7
7.608	6.17	6.4
7.610	5.95	6.3
7.671	5.96	6.0
7.606	6.02	6.4
798	19^h3^m	59°28′
7.556	13.14	49.6
7.558	13.10	49.9
7.613	13.18	50.2
7.619	13.14	50.0
7.649	13.14	49.7
7.599	13.14	49.9
799	19^h3^m	59°25′
7.561	19.13	53.4
7.580	19.10	53.8
7.597	18.98	54.3
7.608	19.18	54.0
7.610	19.10	53.6
7.591	19.10	53.8
800	19^h3^m	60°0′
7.556	55.34	13.1
7.558	55.32	12.7
7.613	55.22	13.2
7.649	55.28	12.8
7.671	55.25	13.2
7.609	55.28	13.0
801	19^h3^m	59°2′
7.561	56.71	15.8
7.580	56.64	15.4
7.597	56.55	15.5
7.608	56.72	15.6
7.610	56.58	15.7
7.591	56.64	15.6
802	19^h4^m	59°39′
7.556	40ˢ15	0″5
7.558	40.14	0.6
7.613	40.12	0.5
7.619	40.13	0.6
7.649	40.12	0.3
7.599	40.13	0.5
803	19^h5^m	60°8′
7.561	4.29	51.6
7.580	4.30	52.2
7.597	4.19	52.6
7.608	4.38	52.1
7.610	4.36	51.9
7.591	4.30	52.1
804	19^h7^m	59°47′
7.556	22.80	41.8
7.558	22.78	42.5
7.613	22.74	42.1
7.619	22.82	41.8
7.649	22.85	42.2
7.599	22.80	42.1
805	19^h9^m	59°7′
7.561	39.31	55.6
7.580	39.22	56.0
7.608	39.34	55.6
7.610	39.22	55.7
7.671	39.27	55.9
7.606	39.27	55.8

Área 198

806	20^h59^m	59°10′
7.556	42.13	59.3
7.558	42.16	59.6
7.649	42.16	59.2
7.671	42.17	59.0
7.608	42.16	59.3
807	20^h59^m	59°32′
7.561	51.19	32.9
7.580	51.23	32.6
7.597	—	33.0
7.608	51.24	32.6
7.610	51.21	32.9
7.591	51.22	32.8
808	21^h0^m	59°23′
7.556	38.40	21.2
7.558	38.25	21.8
7.649	38.29	21.7
7.671	38.29	21.8
7.608	38.31	21.6

Época 1930 +	α 1937.0	δ 1937.0
809	21^h0^m	60°20′
7.561	46.46	8.″7
7.580	46.47	9.8
7.597	46.41	9.4
7.608	46.38	9.3
7.610	46.40	9.5
7.591	46.42	9.3
810	21^h1^m	59°58′
7.556	12.50	41.6
7.558	12.49	41.6
7.649	12.59	41.5
7.671	12.49	41.4
7.608	12.52	41.5
811	21^h2^m	59°47′
7.561	4.49	18.8
7.580	4.48	18.8
7.597	4.38	18.6
7.608	4.48	18.9
7.610	4.46	18.6
7.591	4.46	18.7
812	21^h2^m	60°14′
7.556	29.97	42.1
7.558	29.99	42.1
7.649	29.94	41.9
7.671	29.97	41.8
7.608	29.97	42.0
813	21^h3^m	59°16′
7.561	36.10	42.7
7.580	36.23	42.7
7.597	36.15	42.5
7.608	36.13	42.4
7.610	36.15	42.8
7.591	36.15	42.6
814	21^h5^m	59°39′
7.556	33.10	50.4
7.558	33.07	50.3
7.649	32.98	50.5
7.671	33.01	50.1
7.608	33.04	50.3

Área 199

815	22^h55^m	60°29′
7.726	23.65	39.7
7.728	23.56	40.1
7.736	23.60	40.0
7.808	23.52	40.0
7.821	23.58	40.1
7.764	23.58	40.0
816	22^h56^m	59°30′
7.747	36.10	8.″7
7.750	36.13	8.9
7.791	36.23	8.7
7.802	36.15	8.5
7.805	36.17	8.5
7.779	36.16	8.7
817	22^h58^m	59°48′
7.726	11.65	6.8
7.728	11.60	7.7
7.736	11.55	7.1
7.808	11.57	6.9
7.821	11.57	7.0
7.764	11.59	7.1
818	22^h59^m	60°11′
7.747	1.26	5.3
7.750	1.20	5.0
7.791	1.19	4.8
7.802	1.22	4.8
7.805	1.18	4.4
7.779	1.21	4.9
819	23^h0^m	59°51′
7.726	1.43	21.2
7.728	1.45	20.4
7.736	1.43	21.3
7.808	1 44	21.2
7.821	1.40	21.6
7.764	1.43	21.1
820	23^h1^m	59°14′
7.747	38.96	23.1
7.750	38.88	23.1
7.791	38.93	22.5
7.802	38.90	22.7
7.805	38.87	23.1
7.779	38.91	22.9
821	23^h1^m	60°25′
7.726	49.80	9.3
7.728	49.85	9.9
7.736	49.81	9.9
7.808	49.81	9.6
7.821	49.71	9.5
7.764	49.80	9.6
822	23^h3^m	60°25′
7.747	31.37	34.1
7.750	31.42	34.3
7.791	31.34	33.9
7.802	—	34.1
7.805	31.43	34.2
7.779	31.39	34.1
823	23^h3^m	59°58′
7.726	47.96	28.″5
7.728	47.90	28.5
7.736	47.86	28.2
7.808	47.92	28.3
7.821	47.85	28.5
7.764	47.90	28.4
824	23^h3^m	59°27′
7.747	55.20	14.7
7.750	55.27	14.8
7.791	55,27	15.3
7.802	55.27	15.0
7.805	55.32	15.9
7.779	55.27	15.1
825	23^h4^m	60°4′
7.726	49.98	36.6
7.728	49.83	36.4
7.736	49.96	36.7
7.808	49.92	36.7
7.821	49.93	36.1
7.764	49.92	36.5

Área 200

826	0^h14^m	74°18′
7.799	21.63	39.4
7.830	21.62	39.6
7.832	21.78	39.9
7.857	21.76	39.1
7.830	21.70	39.5
827	0^h17^m	74°19′
7.756	54.38	35.4
7.799	54.60	34.8
7.830	54.50	35.3
7.832	54.44	35.6
7.857	54.45	34.6
7.815	54.47	35.1
828	0^h18^m	75°13′
7.756	14.91	42.5
7.799	15.06	42.2
7.830	15.09	42.2
7.832	15.07	42.3
7.857	14.98	40.8
7.815	15.02	42.0
829	0^h21^m	75°10′
7.756	41.38	25.3
7.799	41.48	25.1
7.830	41.43	25.8
7.832	41.55	25.2
7.857	41.41	25.4
7.815	41.45	25.4
830	0^h21^m	74°34′
7.756	57.94	58.″4
7.799	58.17	59.3
7.830	58.06	59.4
7.832	57.92	59.1
7.857	58.11	58.8
7.815	58.05	59.0
831	0^h22^m	74°45′
7.756	42.48	10.4
7.799	42.48	9.7
7.830	42.24	11.0
7.832	42.49	10.4
7.857	42.31	10.7
7.815	42.40	10.4
832	0^h26^m	75°7′
7.756	22.48	10.4
7.799	22.43	10.2
7.830	22.23	10.5
7.832	22.44	10.6
7.857	22.54	11.3
7.815	22.42	10.6
833	0^h26^m	74°7′
7.756	52.14	44.8
7.799	52.12	44.2
7.830	52.32	44.6
7.832	52.33	45.0
7.857	52.37	44.8
7 815	52.26	44.7
834	0^h28^m	74°30′
7.756	31.41	54.3
7.799	31.46	54.0
7.830	31.34	53.4
7.832	31.51	53.3
7.857	31.49	54.1
7.815	31.44	53.8

Época 1930 +	α 1938.0	δ 1938.0

Área 201

835	4^h17^m	75°29′
8.033	50.86	41.3
8.041	50.87	40.8
8.052	50.72	41.4
8.063	50.86	40.2
8.068	50.79	41.4
8.051	50.82	41.0
836	4^h22^m	74°42′
8.033	31.88	13.8
8.041	31.85	13.5
8.052	31.70	12.5

Época 1930 +	α 1938.0	δ 1938.0
8.063	31ˢ84	12″8
8.068	32.01	13.4
8.051	31.86	13.2
837	4^h26^m	74°38′
8.033	3.16	50.3
8.041	3.08	50.6
8.052	3.07	51.1
8.063	3.09	50.8
8.068	3.24	50.2
8.051	3.13	50.6
838	4^h27^m	75°0′
8.033	6.46	30.5
8.041	6.71	32.3
8.052	6.35	32.0
8.063	6.54	31.6
8.068	6.40	31.3
8.051	6.49	31.5
839	4^h27^m	74°50′
8.033	33.29	23.2
8.041	33.45	22.2
8.052	33.28	23.5
8.068	33.24	23.4
8.048	33.32	23.1
840	4^h30^m	74°27′
8.033	5.94	25.5
8.041	5.89	26.0
8.052	6.02	26.3
8.063	6.03	26.2
8.068	6.03	25.8
8.051	5.98	26.0
841	4^h35^m	74°21′
8.033	1.56	10.2
8.041	1.66	10.2
8.052	1.70	9.1
8.063	1.55	11.3
8.068	1.52	11.1
8.051	1.60	10.4
842	4^h36^m	74°29′
8.033	59.97	40.5
8.041	59.95	40.1
8.052	60.12	39.8
8.063	59.92	40.1
8.068	60.08	40.6
8.051	60.01	40.2

Área 202

843	8^h19^m	74°49′
8.033	46.48	3.2
8.041	46.48	2.7
8.052	46.38	2.5
8.068	46.43	3.5
8.145	46.33	2.8
8.068	46.42	2.9

Época 1930 +	α 1938.0	δ 1938.0
844	8^h20^m	75°13′
8.033	48ˢ73	41″8
8.041	48.50	41.4
8.052	48.62	42.2
8.068	48.62	41.9
8.145	48.76	42.6
8.068	48.65	42.0
845	8^h23^m	75°32′
8.033	55.07	7.5
8.041	55.20	7.4
8.052	55.16	7.3
8.068	55.30	7.5
8.145	55.13	6.5
8.068	55.17	7.2
846	8^h25^m	74°42′
8.033	55.38	29.0
8.041	55.21	29.5
8.052	55.15	29.9
8.068	55.12	29.5
8.145	55.20	29.5
8.068	55.21	29.5
847	8^h26^m	74°37′
8.033	7.94	35.0
8.041	7.92	35.1
8.052	7.98	34.7
8.068	8.03	34.7
8.145	7.87	35.5
8.068	7.95	35.0
848	8^h28^m	75°9′
8.033	35.18	6.5
8.041	35.37	7.4
8.052	35.12	7.1
8.068	35.16	6.6
8.145	35.35	6.9
8.068	35.24	6.9
849	8^h29^m	74°44′
8.033	24.22	45.9
8.041	24.10	46.1
8.052	24.22	46.6
8.068	24.25	46.5
8.145	24.10	46.1
8.068	24.18	46.2
850	8^h32^m	74°38′
8.033	33.57	31.5
8.041	33.71	31.9
8.052	33.40	32.4
8.068	33.49	31.6
8.145	33.69	31.2
8.068	33.57	31.7
851	8^h36^m	75°8′
8.033	39.00	14.9
8.041	39.05	14.5

Época 1930 +	α 1938.0	δ 1938.0
8.052	38ˢ96	15″0
8.068	38.95	14.3
8.145	38.91	14.1
8.068	38.97	14.6
852	8^h38^m	74°50′
8.033	37.82	51.6
8.041	37.95	51.4
8.052	37.72	51.4
8.068	37.85	50.8
8.048	37.84	51.3

Época 1930 +	α 1937.0	δ 1937.0

Área 203

853	11^h54^m	75°1′
7.246	40.73	35.2
7.249	40.77	34.3
7.263	40.68	35.1
7.271	40.76	35.0
7.293	40.73	35.1
7.264	40.73	34.9
854	12^h1^m	75°20′
7.246	43.79	9.5
7.249	43.55	9.7
7.263	43.74	9.8
7.271	43.71	10.4
7.293	43.57	10.0
7.264	43.67	9.9
855	12^h3^m	74°54′
7.246	6.46	59.3
7.249	6.45	59.6
7.271	6.19	59.8
7.293	6.22	59.9
7.265	6.33	59.8
856	12^h3^m	75°26′
7.246	48.22	8.1
7.249	48.15	8.5
7.263	48.18	8.2
7.271	48.34	8.4
7.293	48.10	8.2
7.264	48.20	8.3
857	12^h4^m	75°0′
7.246	29.25	59.6
7.249	29.25	59.7
7.263	29.37	60.3
7.271	29.27	59.0
7.293	29.20	59.2
7.264	29.27	59.6
858	12^h9^m	75°48′
7.246	13.71	5.9
7.249	13.68	5.5

Época 1930 +	α 1937.0	δ 1937.0
7.263	13ˢ54	5″6
7.271	13.73	5.9
7.293	13.81	5.6
7.264	13.69	5.7
859	12^h9^m	74°53′
7.246	54.79	8.2
7.249	54.75	8.2
7.263	54.93	8.3
7.271	54.87	8.3
7.293	54.72	8.1
7.264	54.81	8.2
860	12^h10^m	75°40′
7.246	23.75	17.0
7.249	23.71	17.0
7.263	23.78	17.5
7.271	23.64	17.5
7.293	23.79	17.4
7.264	23.73	17.3

Área 204

861	15^h57^m	75°37′
7.301	58.26	48.3
7.304	58.25	48.4
7.340	58.28	48.1
7.411	58.21	48.3
7.427	58.25	47.9
7.506	58.15	47.3
7.382	58.23	48.0
862	16^h0^m	74°40′
7.301	4.74	6.8
7.304	4.75	7.1
7.340	4.80	6.6
7.411	4.65	6.7
7.427	4.72	6.9
7.506	4.81	6.1
7.382	4.74	6.7
863	16^h2^m	74°51′
7.301	56.82	35.0
7.304	56.89	34.5
7.340	56.97	34.7
7.411	56.60	35.2
7.427	56.86	34.6
7.506	56.95	35.4
7.382	56.85	34.9
864	16^h4^m	74°53′
7.301	12.16	48.8
7.304	12.08	48.8
7.340	12.20	48.8
7.411	12.25	48.1
7.427	12.25	48.9
7.506	12.21	48.9
7.382	12.19	48.7

Época 1930 +	α 1937.0	δ 1937.0
865	16^h4^m	74°50′
7.301	21^s61	47″3
7.304	21.58	47.1
7.340	21.65	47.2
7.411	21.76	47.3
7.427	21.71	47.4
7.506	21.54	47.3
7.382	21.64	47.3
866	16^h4^m	75°7′
7.301	32.30	42.4
7.304	32.45	42.5
7.340	32.49	42.8
7.411	32.50	42.6
7.427	32.31	42.3
7.506	32.46	42.8
7.382	32.42	42.6
867	16^h8^m	75°44′
7.301	47.81	38.6
7.304	47.68	39.1
7.340	47.83	38.5
7.411	47.85	38.6
7.427	47.78	38.5
7.506	47.77	38.3
7.382	47.79	38.6
868	16^h8^m	75°8′
7.301	58.34	19.4
7.304	58.41	18.4
7.340	58.45	19.0
7.411	58.45	19.8
7.427	58.41	18.7
7.506	58.40	19.1
7.382	58.41	19.1
869	16^h11^m	74°54′
7.301	24.19	21.4
7.304	24.07	21.3
7.340	24.07	20.9
7.506	24.09	20.7
7.363	24.10	21.1
870	16^h14^m	75°31′
7.301	18.60	43.4
7.304	18.58	42.2
7.340	18.70	42.8
7.506	18.69	43.1
7.363	18.64	42.9

Área 205

Época 1930 +	α 1937.0	δ 1937.0
871	20^h0^m	74°56′
7.586	51.01	17.0
7.591	50.84	16.7
7.693	51.06	18.0
7.715	50.89	17.3
7.646	50.95	17.2
872	20^h1^m	75°32′
7.586	17^s57	53″6
7.591	17.50	53.3
7.693	17.48	52.7
7.715	17.57	53.3
7.646	17.53	53.2
873	20^h1^m	74°23′
7.586	35.43	58.5
7.591	35.25	57.2
7.693	35.26	57.5
7.715	35.35	59.0
7.646	35.32	58.0
874	20^h5^m	75°0′
7.586	40.02	5.0
7.591	39.94	5.3
7.687	39.93	5.5
7.693	40.00	5.4
7.715	39.94	5.0
7.654	39.97	5.2
875	20^h9^m	75°0′
7.586	16.35	51.0
7.591	16.24	51.3
7.687	16.22	51.5
7.693	16.23	51.3
7.715	16.20	51.1
7.654	16.25	51.2
876	20^h9^m	75°29′
7.586	19.12	21.8
7.591	19.05	22.1
7.687	19.00	20.7
7.693	18.81	21.1
7.715	19.04	20.2
7.654	19.00	21.2
877	20^h10^m	75°11′
7.586	10.21	28.7
7.591	10.42	28.5
7.687	10.28	28.4
7.693	10.40	28.5
7.715	10.26	28.3
7.654	10.31	28.5
878	20^h12^m	74°46′
7.586	52.48	22.8
7.591	52.52	22.4
7.687	52.74	23.4
7.693	52.75	23.5
7.715	52.66	22.3
7.654	52.63	22.9
879	20^h16^m	75°36′
7.586	49.92	47.1
7.591	49.79	46.9
7.687	49^s91	47″4
7.693	50.05	46.1
7.715	49.91	46.7
7.654	49.92	46.8
880	20^h18^m	74°34′
7.586	34.72	39.3
7.591	34.34	39.0
7.687	34.57	39.4
7.693	34.44	38.7
7.715	34.54	38.4
7.654	34.52	39.0

Área 206

Época 1930 +	α 1937.0	δ 1937.0
881	0^h12^m	88°42′
7.301	17.2	48.1
7.304	15.7	47.1
7.320	13.4	47.6
7.340	14.4	48.0
7.756	16.7	46.8
7.794	—	47.2
7.799	18.3	47.4
7.830	16.8	47.1
7.832	19.6	47.1
7.586	16.5	47.4
882	0^h41^m	88°58′
7.301	39.2	6.0
7.304	41.2	5.6
7.320	38.4	5.9
7.340	40.4	5.5
7.756	39.5	7.1
7.799	39.3	6.2
7.830	40.0	6.4
7.832	44.3	6.4
7.560	40.3	6.1
883	0^h58^m	88°45′
7.301	45.8	21.9
7.304	46.1	22.4
7.320	43.4	22.4
7.340	43.3	21.8
7.756	47.4	22.5
7.799	41.3	21.2
7.830	44.6	21.9
7.832	48.0	21.6
7.560	45.0	22.0
884	1^h13^m	89°30′
7.301	4.9	32.2
7.304	7.2	32.1
7.320	11.5	31.7
7.340	7.8	32.0
7.756	1.5	31.8
7.799	12.7	33.3
7.830	1.3	31.6
7.832	57.9	32.1
7.560	5.6	32.1
885	1^h23^m	88°47′
7.301	4^s1	25″1
7.304	4.7	24.6
7.320	4.3	24.8
7.340	2.1	24.7
7.756	5.0	25.0
7.799	4.1	25.7
7.830	3.3	25.3
7.832	6.1	24.7
7.560	4.2	25.0
886	3^h18^m	89°24′
7.301	49.6	17.4
7.304	49.6	17.6
7.320	53.8	15.8
7.340	48.4	17.2
7.756	48.2	18.0
7.799	42.1	18.6
7.830	47.5	18.5
7.832	50.1	19.2
7.560	48.7	17.8
887	11^h0^m	89°30′
7.301	39.6	57.4
7.304	38.0	57.9
7.320	39.9	56.4
7.340	36.3	57.4
7.756	44.0	57.5
7.794	37.3	57.8
7.799	40.4	57.4
7.830	42.2	57.7
7.832	37.6	57.9
7.586	39.5	57.5
889	21^h38^m	89°12′
7.301	26.7	4.2
7.304	26.7	4.1
7.320	23.8	5.5
7.340	29.3	4.7
7.794	24.2	4.7
7.799	28.8	4.9
7.830	28.6	4.9
7.832	27.8	5.1
7.565	27.0	4.8
890	22^h11^m	89°8′
7.301	31.9	30.0
7.304	31.3	29.1
7.320	24.5	31.1
7.340	28.7	30.1
7.756	33.9	30.1
7.794	30.2	30.6
7.799	31.0	30.3
7.830	30.3	29.6
7.832	33.1	30.1
7.586	30.5	30.1

D. Catálogo

N°	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Época 1930 +	B. D.
					— 15°				
1	9.1	0h11m44s.12	+3s.0549	−0s.0052	−14°38'20".7	+20".019	−0".031	7.79	15°34
2	8.8	12 15.73	3.0544	.0050	14 28 12.7	20.016	.032	7.80	14 32
3	8.9	12 22.14	3.0535	.0053	15 0 27.6	20.016	.033	7.79	15 36
4	8.2	12 29.69	3.0535	.0053	14 53 19.1	20.015	.033	7.80	15 38
5	8.5	13 4.13	3.0522	.0053	15 8 3.3	20.012	.034	7.79	15 41
6	8.8	0 13 13.48	+3.0525	−0.0052	−14 45 35.1	+20.011	−0.034	7.79	15 42
7	9.2	13 36.06	3.0513	.0054	15 12 57.6	20.009	.035	7.79	15 46
8	9.0	14 16.29	3.0510	.0050	14 43 39.8	20.006	.036	7.80	15 49
9	9.0	15 34.04	3.0481	.0052	15 14 55.5	19.999	.039	7.79	15 52
10	9.2	16 10.82	3.0489	.0047	14 14 23.5	19.995	.040	7.80	14 48
11	9 0	1 10 48.83	+2.9664	−0.0013	−14 40 12.6	+19 095	−0.140	7.79	15 232
12	9.0	11 38.71	2.9681	.0010	14 17 56.2	19.073	.141	7.80	14 240
13	9.3	12 37.87	2.9624	.0012	14 50 45.4	19.047	.143	7.79	15 236
14	8.4	12 43.95	2.9693	.0008	13 56 36.3	19.044	.143	7.80	14 244
15	9.0	13 7.79	2.9604	.0013	15 0 48.8	19.033	.143	7.79	15 238
16	8.9	1 13 20.43	+2.9635	−0.0011	−14 34 55.8	+19.027	−0.144	7.80	14 248
17	9.1	13 44.32	2 9612	.0011	14 48 9.0	19.016	.144	7.79	15 241
18	8.0	15 0.05	2.9674	.0005	13 47 28.7	18.981	.147	7.82	14 252
19	9.0	15 22.18	2.9553	.0012	15 14 17.1	18.971	.147	7.79	15 244
20	9.0	15 30.63	2.9569	.0011	15 0 41.9	18.967	.148	7.80	15 245
21	8.8	2 14 32.25	+2.8817	+0.0023	−14 28 47.7	+16.689	−0.240	7.90	14 423
22	9.6	15 14.05	2.8792	.0023	14 35 45.9	16.655	.241	7.91	14 424
23	9.3	16 10.81	2.8768	.0023	14 40 57.4	16.609	.242	7.91	15 400
24	8.5	16 32.08	2.8752	.0023	14 45 41.9	16.591	.242	7.91	15 401
25	7.2	16 41.57	2.8721	.0022	14 58 6.4	16.584	.242	7.90	15 402
26	9.1	2 17 57.91	+2.8714	+0.0023	−14 54 22.1	+16.521	−0.244	7.91	15 407
27	9.1	18 7.62	2.8726	.0023	14 48 16.7	16.513	.244	7.90	15 410
28	7.8	18 13.96	2.8750	.0024	14 37 33.4	16.508	.245	7.91	14 434
29	8.8	18 23.82	2.8657	.0022	15 15 54.0	16.499	.244	7.90	15 412
30	8.7	19 10.42	2.8650	.0022	15 14 32.6	16.461	.245	7.91	15 416
31	8.7	3 8 34.22	+2.8191	+0.0040	−14 31 18.4	+13.633	−0.307	7.91	14 620
32	9.2	9 37.34	2.8190	.0041	14 27 54.9	13.566	.308	7.92	
33	9.0	11 2.79	2.8056	.0040	15 6 57.6	13.474	.308	7.91	15 562
34	8.0	11 18.64	2.8126	.0041	14 43 16.0	13.457	.310	7.92	14 627
35	6.5	11 32.67	2.8237	.0042	14 6 20.2	13.442	.311	7.91	14 629
36	8.0	3 12 22.54	+2.8050	+0.0040	−15 4 25.7	+13.388	−0.310	7.92	15 568
37	8.8	12 22.43	2.8170	.0042	14 25 21.5	13.388	.311	7.91	14 632
38	8.2	4 10 37.08	2.7499	.0043	15 13 11.9	9.207	.360	7.91	15 745
39	9.0	10 53.23	2.7582	.0044	14 50 5.7	9.187	.361	7.92	15 746
40	9.0	11 11.78	2.7535	.0044	15 2 20.5	9.163	.361	7.91	15 749
41	8.6	4 11 31.50	+2.7631	+0.0044	−14 35 37.0	+ 9.137	−0.362	7.92	14 848
42	7.7	12 37.41	2.7508	.0044	15 6 54.5	9.051	.361	7.91	15 754
43	8.8	12 38.75	2.7471	.0043	15 16 43.4	9.050	.361	7.92	15 755
44	7.9	13 18.88	2.7519	.0044	15 2 39.2	8.997	.362	7.91	15 757
45	9.0	13 31.22	2.7393	.0043	15 35 44 3	8.981	.361	7.92	15 759
46	6.8	4 14 47.37	+2.7558	+0.0044	−14 49 15.5	+ 8.882	−0.364	7.91	14 866
47	9.0	15 13.80	2.7576	.0044	14 43 41.6	8.847	.364	7 92	14 867
48	9.2	15 19.12	2.7590	.0044	14 39 40.0	8.840	.365	7.93	14 869
49	8.6	5 13 21.30	2.7179	.0033	15 10 24.9	4.052	.390	7.93	15 993
50	9.1	13 36.97	2.7211	.0033	15 2 12.1	4.029	.390	7.92	15 996

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51	7.5	5h14m11s.75	+2s.7145	+0s.0033	−15°17′58″.1	+ 3″.980	−0″.390	7.90	15°1001
52	8.0	16 1.21	2.7251	.0033	14 50 42.4	3.823	.392	7.92	14 1094
53	8.8	17 7.14	2.7292	.0032	14 39 55.9	3.729	.392	7.93	14 1099
54	8.2	17 32.37	2.7281	.0032	14 42 16.4	3.693	.392	7.92	14 1102
55	7.9	17 47.45	2.7397	.0033	14 13 35.2	3.671	.394	7.93	14 1103
56	8.2	5 17 54.42	+2.7152	+0.0034	−15 13 28.3	+ 3.661	−0.391	7.92	15 1018
57	9.0	17 56.24	2.7357	.0032	14 23 20.4	3.659	.394	7.93	14 1104
58	7.1	17 56.77	2.7299	.0032	14 37 43.2	3.658	.393	7.92	14 1105
59	8.8	18 34.01	2.7072	.0032	15 32 30.6	3.604	.390	7.91	15 1020
60	9.2	6 12 25.14	2.7071	.0016	15 19 40.3	− 1.086	.394	8.11	15 1322
61	9.1	6 12 39.54	+2.7061	+0.0016	−15 22 3.4	− 1.107	−0.393	8.12	15 1325
62	9.0	13 6.69	2.7088	.0016	15 15 38.2	1.146	.394	8.13	15 1327
63	8.2	13 26.54	2.7129	.0016	15 5 52.9	1.175	.394	8.11	15 1328
64	9.1	13 50.75	2.7286	.0016	14 28 5.8	1.211	.397	8.12	14 1387
65	8.6	14 13.69	2.7049	.0016	15 25 19.9	1.244	.393	8.13	15 1335
66	8.3	6 15 5.11	+2.7263	+0.0016	−14 34 3.0	− 1.319	−0.396	8.11	14 1396
67	8.5	15 23.98	2.7202	.0016	14 48 48.9	1.346	.395	8.12	14 1399
68	6.2	15 24.89	2.7157	.0016	14 59 38.5	1.348	.394	8.13	14 1400
69	8.6	15 36.77	2.7063	.0016	15 22 19.2	1.365	.393	8.11	15 1342
70	8.6	7 14 20.98	2.7401	.0000	14 43 5.7	6.389	.376	8.12	14 1817
71	9.0	7 14 38.58	+2.7269	+0.0001	−15 16 44.9	− 6.413	−0.374	8.12	15 1746
72	9.0	14 45.41	2.7220	.0001	15 29 29.6	6.423	.373	8.13	15 1748
73	8.4	16 9.65	2.7166	.0001	15 44 49.0	6.539	.372	8.12	15 1766
74	8.8	16 20.71	2.7316	.0001	15 7 15.9	6.554	.374	8.12	14 1834
75	9.0	16 22.49	2.7256	.0001	15 22 19.7	6.557	.373	8.13	15 1768
76	8.8	7 16 59.09	+2.7412	−0.0001	−14 43 41.9	− 6.607	−0.375	8.12	14 1840
77	9.0	17 36.06	2.7467	.0001	14 30 13.0	6.658	.375	8.13	14 1849
78	8.8	18 15.24	2.7278	.0000	15 19 26.0	6.712	.372	8.13	15 1778
79	8.9	18 32.39	2.7369	.0000	14 56 31.9	6.735	.373	8.11	14 1861
80	8.0	8 12 44.73	2.7636	.0004	15 27 17.8	10.972	.332	8.11	15 2351
81	9.2	8 13 11.32	+2.7794	−0.0005	−14 43 4.7	−11.004	−0.334	8.12	14 2452
82	7.2	13 23.91	2.7754	.0005	14 55 11.6	11.020	.333	8.13	14 2456
83	9.0	14 19.20	2.7628	.0003	15 33 35.4	11.087	.331	8.12	15 2365
84	8.5	14 32.63	2.7801	.0005	14 44 27.0	11.103	.333	8.12	14 2460
85	8.7	14 51.49	2.7697	.0004	15 15 11.6	11.126	.331	8.13	15 2370
86	8.6	8 15 7.01	+2.7711	−0.0005	−15 11 50.6	−11.145	−0.331	8.12	14 2465
87	9.1	15 42.72	2.7833	.0005	14 38 9.0	11.188	.332	8.12	14 2471
88	8.4	16 12.07	2.7705	.0004	15 16 23.5	11.224	.330	8.13	15 2378
89	8.8	16 37.68	2.7836	.0005	14 39 29.7	11.255	.331	8.12	14 2475
90	9.4	16 47.66	2.7695	.0003	15 20 39.0	11.267	.329	8.13	15 2382
91	9.4	9 11 4.81	+2.8328	+0.0005	−14 57 40 8	− 14.842	−0.271	8.12	14 2788
92	8.6	11 7.48	2.8383	.0004	14 38 6.6	14.844	.272	8.12	14 2789
93	9.0	11 19.84	2.8400	.0004	14 32 58.4	14.857	.272	8.13	14 2790
94	6.5	11 52.05	2.8379	.0004	14 42 43.4	14.888	.271	8.12	14 2793
95	9.2	12 2.78	2.8326	.0005	15 2 20.6	14.898	.270	8.12	14 2794
96	8.7	9 13 30.14	+2.8318	+0.0006	−15 11 35.9	−14.984	−0.266	8.13	14 2802
97	9.0	14 50.26	2.8337	.0007	15 10 26.4	15.061	.266	8.12	14 2811
98	9.1	15 0.40	2.8392	.0006	14 50 57.8	15.070	.266	8.13	14 2813
99	9.0	15 45.29	2.8299	.0008	15 28 4.9	15.113	.265	8.13	15 2762
100	6.9	16 0.68	2.8294	.0008	15 30 58.9	15.128	.264	8.11	15 2763

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101	9.0	10h15m28s.18	+2s.9157	+0s.0032	−14°56′57″.9	−17″.996	−0″.180	7.27	14°3086
102	9.3	16 57.35	2.9214	.0032	14 36 31.7	18.053	.177	7.27	14 3092
103	8.0	17 12.06	2.9164	.0034	15 6 26.4	18.062	.177	7.26	14 3093
104	8.8	18 3.83	2.9207	.0033	14 49 19.1	18.094	.176	7.27	14 3097
105	9.2	18 5.80	2.9159	.0035	15 16 21.0	18.096	.175	7.26	14 3098
106	9.0	10 19 5.94	+2.9130	+0.0037	−15 40 45.6	−18.133	−0.173	7.27	15 3042
107	8.6	19 24.60	2.9122	.0038	15 47 24.0	18.145	.173	7.27	15 3043
108	9.1	19 26.03	2.9203	.0035	15 1 59.2	18.146	.173	7 27	14 3103
109	9.7	19 29.97	2.9179	.0036	15 16 10.9	18.148	.171	7.27	14 3104
110	8.8	11 11 56.25	2.9934	.0072	15 56 35.4	19.606	.082	7.27	15 3227
111	9.2	11 13 25.49	+2.9961	+0.0072	−15 53 4.0	−19.632	−0.080	7.27	15 3231
112	9.1	14 15.10	2.9998	.0071	15 24 43.3	19.647	.078	7.26	15 3236
113	8.5	15 27.78	2.9996	.0074	15 50 6.5	19.668	.076	7.27	15 3241
114	8.8	15 59.51	3.0006	.0074	15 49 21.1	19.676	.075	7.26	15 3242
115	9.0	16 2.63	3.0050	.0069	14 54 3.9	19.677	.075	7.27	14 3305
116	9.6	12 12 31.01	+3.0931	+0.0110	−15 30 38.8	−20.015	+0.033	7.26	15 3440
117	9.0	13 20.34	3.0934	.0106	14 49 7.5	20.011	.035	7.27	14 3484
118	8.5	14 29.66	3.0957	.0109	15 10 38.4	20.005	.037	7.26	14 3488
119	9.2	14 31.93	3.0962	.0110	15 23 38 6	20.005	.037	7.27	15 3449
120	8.8	15 6.85	3.0970	.0110	15 22 14.9	20.001	.038	7.26	14 3489
121	8.3	12 15 26.22	+3.0984	+0.0113	−15 51 26.8	−19.999	+0.039	7.27	15 3450
122	9.2	16 52.17	3.0998	.0111	15 20 26.0	19.991	.042	7.26	14 3495
123	8.6	17 1.31	3.1002	.0112	15 23 52.0	19.990	.042	7.27	15 3452
124	9.3	13 13 6.24	3.1876	.0140	15 19 5.6	19.034	.154	7.27	14 3679
125	9.0	13 21.18	3.1845	.0138	14 52 39.0	19.027	.154	7.26	14 3681
126	7.2	13 13 32.41	+3.1870	+0.0139	−15 9 6.3	−19.022	+0.155	7.27	14 3683
127	8.7	14 29.66	3.1837	.0136	14 33 42.2	18.995	.156	7.26	14 3688
128	9.1	15 17.82	3.1898	.0140	15 10 20.9	18.973	.158	7.27	14 3690
129	9.0	16 5.45	3.1900	.0140	15 3 19.9	18.950	.160	7.26	14 3694
130	9.2	16 8.78	3.1858	.0137	14 31 53.4	18.948	.159	7.27	14 3695
131	8.8	13 16 14.15	+3.1966	+0.0145	−15 49 51.8	−18.946	+0.160	7.26	15 3643
132	9.0	17 23.29	3.1962	.0143	15 34 17.1	18.913	.162	7.27	15 3652
133	9.2	17 51.28	3.1964	.0143	15 30 29.8	18.899	.163	7.26	15 3653
134	5.8	14 6 44.37	3.2734	.0158	15 56 54.4	17.057	.258	7.44	15 3817
135	9.6	6 47.42	3.2589	.0151	14 50 26.9	17.054	.257	7.43	14 3892
136	9.2	14 7 8.62	+3.2595	+0.0152	−14 51 26.1	−17.038	+0.257	7.44	14 3893
137	9.7	7 52.94	3.2614	.0152	14 55 46.2	17.004	.259	7.43	14 3896
138	9 8	8 3.22	3.2623	.0152	14 58 56.1	16.996	.259	7.44	14 3897
139	9.2	8 27.37	3.2700	.0156	15 30 59.5	16.977	.261	7.43	15 3824
140	9.2	8 52.55	3.2730	.0157	15 41 55.9	16.958	.262	7.44	15 3826
141	9.0	14 9 7.18	+3.2676	+0.0154	−15 16 24.4	−16.947	+0.262	7.43	14 3900
142	8.7	11 44.02	3.2774	.0157	15 43 59.1	16.823	.267	7.44	15 3837
143	9.0	11 44.25	3.2642	.0151	14 45 39.3	16.823	.266	7.43	14 3910
144	8.9	15 10 15.62	3.3505	.0149	15 43 30.3	13.526	.366	7.44	15 4059
145	9.3	10 57.03	3.3355	.0145	14 52 30.5	13.481	.366	7.43	14 4155
146	9.5	15 11 11.48	+3.3416	+0.0146	−15 11 40.8	−13.465	+0.367	7.44	14 4156
147	9.8	11 19.46	3.3341	.0144	14 46 59.5	13.456	.366	7.43	14 4157
148	9.1	11 54.42	3.3343	.0144	14 45 35.8	13.419	.367	7.44	14 4161
149	9.0	12 50.13	3.3454	.0146	15 18 6.9	13.359	.369	7.44	15 4071
150	9.5	13 32.30	3.3404	.0144	14 59 50.2	13.313	.370	7.44	14 4167

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151	9.2	15h13m48s.23	+3s.3387	+0s.0144	−14°53′31″.8	−13″.295	+0″.370	7.44	14°4168
152	9.2	16 10 54.31	3.3962	.0115	15 13 56.2	9.185	.444	7.44	15 4278
153	8.8	11 32.06	3.4006	.0115	15 24 25.7	9.136	.445	7.44	15 4283
154	7.3	11 37.19	3.3841	.0113	14 39 43.9	9.130	.443	7.44	14 4383
155	8.3	11 37.77	3.4072	.0116	15 42 0.6	9.129	.446	7.44	15 4284
156	9.1	16 12 58.08	+3.3897	+0.0113	−14 52 24.1	− 9.024	+0.445	7.44	14 4388
157	8.0	13 5.70	3.3958	.0113	15 8 36.3	9.015	.446	7.44	14 4389
158	9.3	13 10.72	3.3986	.0114	15 15 46.5	9.008	.446	7.44	15 4291
159	9.3	13 41.65	3.4014	.0114	15 22 20.4	8.968	.447	7.44	15 4293
160	6.8	14 46.02	3.3869	.0111	14 41 28.4	8.884	.446	7.44	14 4398
161	8.8	16 15 9.46	+3.4022	+0.0113	−15 21 54.1	− 8.853	+0.449	7.44	15 4300
162	9.0	17 11 35.09	3.4351	.0065	15 29 44.0	4.203	.491	7.45	15 4495
163	8.0	11 58.66	3.4265	.0064	15 8 27.1	4.170	.490	7.44	15 4502
164	8.9	13 17.83	3.4346	.0063	15 26 53.9	4.057	.492	7.45	15 4507
165	9.1	13 56.80	3.4168	.0062	14 43 8.8	4.001	.490	7.44	14 4598
166	8.3	17 13 59.46	+3.4413	+0.0063	−15 43 5.4	− 3.997	+0.493	7.45	15 4511
167	8.5	14 6.65	3.4266	.0062	15 7 6.6	3.987	.491	7.44	15 4512
168	9.4	14 35.92	3.4217	.0062	14 54 45.5	3.945	.491	7.44	14 4602
169	8.5	14 40.50	3.4273	.0062	15 8 25.7	3.939	.492	7.44	15 4514
170	9.4	15 3.96	3.4306	.0062	15 16 6.6	3.905	.492	7.45	15 4516
171	9.1	17 16 15.25	+3.4337	+0.0061	−15 22 45.5	− 3.803	+0.493	7.44	15 4517
172	9.2	18 10 33.09	3.4277	.0007	14 53 16.2	+ 0.923	.499	7.59	14 4946
173	8.6	10 39.53	3.4407	.0006	15 24 29.1	0.932	.501	7.58	15 4889
174	9.4	11 25.93	3.4244	.0006	14 45 27.4	1.000	.498	7.59	14 4953
175	8.8	11 44.86	3.4291	.0005	14 56 57.9	1.027	.499	7.58	14 4955
176	9.1	18 11 46.13	+3.4138	+0.0006	−14 19 52.6	+ 1.029	+0.496	7.59	14 4956
177	8.9	11 58.44	3.4222	.0005	14 40 14.1	1.047	.498	7.58	14 4959
178	8.8	13 8.88	3.4272	.0004	14 52 35.9	1.149	.498	7.59	14 4969
179	8.8	13 14.66	3.4173	.0004	14 28 49.3	1.158	.497	7.58	14 4971
180	7.8	13 19.46	3.4417	.0004	15 27 32.3	1.165	.500	7.59	15 4911
181	9.0	18 13 28.98	+3.4289	+0.0004	−14 56 49.8	+ 1.179	+0.498	7.58	14 4973
182	9.1	19 13 12.90	3.4041	− .0051	14 38 9.7	6.295	.469	7.61	14 5371
183	9.1	13 47.29	3.4097	.0052	14 53 4.3	6.342	.469	7.59	15 5304
184	9.0	14 13.63	3.4000	.0052	14 28 57.6	6.379	.467	7.61	14 5378
185	9.0	14 24.02	3.4107	.0053	14 56 25.1	6.393	.469	7.60	15 5308
186	8.0	19 14 25.66	+3.4045	−0.0052	−14 40 33.8	+ 6.395	+0.468	7.61	14 5380
187	9.3	15 1.16	3.4160	.0054	15 10 26.1	6.444	.469	7 59	15 5312
188	8.5	15 18.33	3.3950	.0052	14 17 30.2	6.468	.466	7.62	14 5387
189	8.8	15 34.70	3.3975	.0053	14 24 19.4	6.491	.466	7.59	14 5389
190	9.1	15 45.78	3.4048	.0054	14 43 2.9	6.506	.467	7.61	14 5390
191	9.0	19 16 3.49	+3.4233	−0.0056	−15 30 18.7	+ 6.531	+0.469	7.59	15 5318
192	9.2	16 18.30	3.4217	.0056	15 26 34.2	6.551	.469	7.61	15 5321
193	9.0	20 9 9.94	3.3893	.0095	15 39 13.9	10.709	.413	7.61	15 5584
194	9.0	9 32.74	3.3630	.0090	14 25 23.3	10.737	.409	7.59	14 5674
195	9.0	10 20.80	3.3864	.0096	15 33 45.8	10.796	.411	7.61	15 5592
196	8.6	20 10 24.48	+3.3652	−0.0091	−14 33 43.4	+10.800	+0.409	7.59	14 5680
197	9.0	11 9.66	3.3741	.0094	15 0 51.0	10.856	.409	7.61	15 5597
198	9.0	11 24.73	3.3761	.0094	15 7 9.5	10.874	.409	7.59	15 5599
199	9.0	11 29.56	3.3638	.0092	14 32 9.6	10.880	.407	7.61	14 5690
200	8.9	11 51.61	3.3631	.0092	14 31 1.6	10.907	.407	7.59	14 5693

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201	8.9	20h12m32s.41	+3s.3813	−0s.0096	−15°24′45″.9	+10″.957	+0″.408	7.61	15°5606
202	9.0	12 38.87	5.3606	.0092	14 25 43.8	10.965	.405	7.59	
203	8.8	21 8 38.14	3.3112	.0113	14 42 3.0	14.697	.322	7.61	14 5960
204	9.2	9 8.33	3.3018	.0111	14 10 35.4	14.727	.320	7.59	14 5964
205	8.8	9 35.56	3.4144	.0115	14 57 28.5	14.754	.321	7.61	15 5922
206	8.7	21 10 22.36	+3.3051	−0.0112	−14 27 27.0	+14.800	+0.319	7.59	14 5973
207	9.1	10 30.34	3.2997	.0111	14 8 28.4	14.808	.318	7.61	14 5975
208	9.5	10 33.23	3.3158	.0116	15 6 23.2	14.811	.319	7.59	15 5926
209	8.9	11 15.22	3.3138	.0116	15 1 57.3	14.852	.318	7.61	15 5931
210	8.8	11 21.43	3.3083	.0114	14 42 47.4	14.858	.317	7.59	15 5934
211	8.6	21 12 27.53	+3.3141	−0.0117	−15 8 11.3	+14.922	+0.316	7.61	15 5938
212	9.1	12 44.07	3.3080	.0115	14 47 26.6	14.939	.315	7.59	15 5940
213	9.4	13 21.05	3.2995	.0112	14 19 11.9	14.975	.313	7.61	14 5984
214	9.2	22 9 48.39	3.2420	.0116	15 18 42.2	17.772	.211	7.76	15 6168
215	8.2	11 58.40	3.2333	.0112	14 48 34.8	17.859	.206	7.78	15 6174
216	9.6	22 12 5.81	+3.2321	−0.0112	−14 43 6.1	+17.864	+0.206	7.76	15 6175
217	8.7	12 23.22	3.2283	.0110	14 25 8.1	17.875	.205	7.78	14 6242
218	8.3	12 42.62	3.2382	.0115	15 20 15.2	17.888	.205	7.76	15 6178
219	8.1	12 53.86	3.2345	.0113	15 1 51.8	17.895	.205	7.78	15 6180
220	8.4	13 7.12	3.2288	.0111	14 34 0.9	17.904	.204	7.76	14 6245
221	8.4	22 14 3.81	+3.2311	−0.0112	−14 52 23.3	+17.941	+0.202	7.78	15 6185
222	9.0	14 33.25	3.2320	.0113	15 0 41.9	17.960	.202	7.76	15 6189
223	9.0	23 12 36.52	3.1458	.0089	14 53 58.4	19.618	.086	7.76	15 6383
224	8.0	13 11.70	3.1416	.0085	14 14 24.5	19.628	.084	7.78	14 6437
225	8.2	13 33.64	3.1402	.0084	14 3 5.0	19.635	.084	7.76	14 6438
226	6.6	23 14 1.17	+3.1403	−0.0084	−14 12 17.6	+19.643	+0.083	7.78	14 6441
227	8.9	15 0.66	3.1392	.0085	14 16 28.4	19.660	.081	7.76	14 6447
228	9.1	15 14.09	3.1407	.0086	14 39 33.8	19.664	.080	7 79	15 6394
229	9.1	15 34.22	3.1428	.0089	15 12 1.6	19.669	.080	7.76	15 6395
230	8.3	15 40.75	3.1392	.0085	14 28 36.0	19.671	.080	7.78	14 6450
231	8.4	23 16 24.07	+3.1396	−0.0087	−14 48 22.0	+19.683	+0.078	7.76	15 6400
232	8.6	17 38.33	3.1361	.0084	14 26 36.5	19.703	.076	7.78	14 6456
					− 30°				C. P. D.
233	9.1	23 59 35.70	+3.0742	−0.0150	−29 25 4.0	+20.045	−0.008	7.77	29 6912
234	7.0	0 0 30.19	3.0712	.0151	29 41 11.4	20.045	.010	7.80	29 6916
235	8.0	0 32.83	3.0710	.0152	29 47 56.8	20.045	.010	7.77	30 6846
236	8.5	0 0 51.07	+3.0700	−0.0148	−29 16 9.4	+20.045	−0.010	7.80	29 6919
237	8.2	1 0.91	3.0694	.0153	30 3 1.7	20.045	.010	7.79	30 6850
238	8.0	2 19.47	3.0651	.0148	29 34 8.1	20.044	.013	7.80	29 6926
239	9.2	3 42.71	3.0608	.0145	29 10 1.0	20.042	.015	7.79	29 1
240	9.0	4 16.07	3.0586	.0148	29 50 0.6	20.041	.017	7.80	30 5
241	9.2	1 3 26.52	+2.8618	−0.0090	−30 0 57.5	+19.282	−0.122	7.79	30 116
242	9.1	3 59.80	2.8628	.0087	29 41 15.0	19.268	.123	7.80	29 111
243	9.0	4 0.98	2.8677	.0085	29 6 18.2	19.268	.124	7.79	29 112
244	8.2	5 17.71	2.8558	.0088	30 1 18.4	19.237	.125	7.80	30 118
245	9.2	6 15.90	2.8601	.0083	29 10 12.3	19.213	.127	7.79	30 118
246	9.1	2 2 49.29	+2.6854	−0.0032	−29 34 58.6	+17.234	−0.207	7.90	29 229
247	9.1	3 47.33	2.6776	.0032	29 53 59.5	17.191	.208	7.91	30 245
248	7.5	4 3.95	2.6871	.0030	29 15 8.8	17.178	.209	7.90	29 231
249	9.0	4 13.58	2.6797	.0031	29 41 25.7	17.172	.209	7.91	29 232
250	8.8	4 50.40	2.6875	.0029	29 5 31.0	17.144	.210	7.90	29 233

N°	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Época 1930 +	C. P. D.
251	9.0	$2^h\ 6^m\ 0^s.53$	$+2^s.6811$	$-0^s.0028$	$-29°17'24''.8$	$+17''.090$	$-0''.212$	7.91	29° 237
252	7.2	6 21.88	2.6790	.0028	29 21 39.7	17.074	.212	7.90	29 238
253	8.8	6 44.41	2.6618	.0031	30 20 57.7	17.057	.211	7.91	30 251
254	9.4	59 1.22	2.5507	+ .0008	29 1 27.4	14.234	.268	7.91	29 346
255	9.4	3 0 9.81	2.5413	.0008	29 20 27.0	14 163	.268	7.92	29 348
256	9.2	3 0 20.66	+2.5222	+0.0007	−30 11 49.0	+14.152	−0.266	7.91	30 379
257	8.8	0 35.42	2.5361	.0008	29 31 58.8	14.137	.268	7.91	29 349
258	9.0	2 31.80	2.5341	.0009	29 25 1.3	14.016	.270	7.91	29 353
259	9.1	2 42.15	2.5380	.0010	29 13 23.9	14.005	.271	7.91	29 354
260	8.5	2 58.12	2.5401	.0010	29 5 57.2	13.998	.271	7.91	29 355
261	9.5	4 0 18.42	+2.4069	+0.0029	−29 53 42.0	+ 9.999	−0.308	7.91	30 530
262	9.4	1 24.02	2.4098	.0029	29 43 9.0	9.916	.310	7.92	29 494
263	9.1	1 40.02	2.3961	.0029	30 12 41.1	9.896	.308	7.91	30 532
264	7.7	1 52.99	2.3899	.0029	30 25 32.1	9.879	.307	7.92	30 533
265	7.8	2 0.53	2.3909	.0029	30 22 57.7	9.870	.308	7.91	30 535
266	8.9	4 2 39.46	+2.4175	+0.0030	−29 21 23.2	+ 9.820	−0.311	7.92	29 500
267	8.4	2 52.28	2.4031	.0030	29 52 49.1	9.804	.310	7.91	30 536
268	9.3	4 30.22	2.3971	.0030	30 0 15.5	9.679	.310	7.92	30 540
269	9.1	4 55.58	2.3934	.0030	30 6 47.7	9.647	.310	7.91	30 542
270	9.0	58 22.05	2.3303	.0031	29 57 21.7	5.325	.330	7 92	30 763
271	9.1	4 58 22.09	+2.3234	+0.0031	−30 11 7.4	+ 5.325	−0.329	7.93	30 764
272	9.1	58 22.73	2.3230	.0032	30 11 51.8	5.324	.329	7.93	30 765
273	7.8	58 37.83	2.3184	.0031	30 20 32.0	5.303	.328	7.92	30 767
274	9.0	59 23.85	2.3372	.0031	29 41 34.2	5.239	.331	7.93	29 747
275	9.0	59 42.64	2.3202	.0031	30 15 9.4	5.212	.329	7.92	30 773
276	8.2	4 59 59.13	+2.3304	+0.0031	−29 54 21.3	+ 5.189	−0.330	7.93	29 750
277	8.7	5 1 3.35	2.3291	.0031	29 55 0.7	5.099	.331	7.92	29 757
278	9.0	1 52.02	2.3002	.0031	30 50 44.5	5.030	.327	7.93	30 784
279	8.8	57 42.97	2.2986	.0022	30 5 8.4	0.200	.335	8.11	30 2198
280	9.2	57 58.14	2.2943	.0022	30 13 22.5	0.177	.335	8.12	30 1101
281	9.1	5 58 35.71	+2.3163	+0.0022	−29 30 51.3	+ 0.123	−0.338	8.13	29 1083
282	8.4	58 48.61	2.3050	.0022	29 52 40.5	0.104	.336	8.11	29 1084
283	9.3	58 51.43	2.3191	.0022	29 25 25.5	0.100	.338	8.12	29 1085
284	8.8	59 4.74	2.3024	.0022	29 57 44.7	0.080	.336	8.13	29 1087
285	8.8	58 26.91	2.3009	.0022	30 0 46.2	0.048	.335	8.11	30 1112
286	8.3	5 59 54.87	+2.3014	+0.0022	−29 59 42.2	+ 0.007	−0.335	8.12	29 1091
287	9.0	6 0 1.09	2.2887	.0022	30 24 10.6	− 0.002	.334	8.13	30 1113
288	8.3	1 12.90	2.3218	.0022	29 20 2.9	0.106	.338	8.11	29 1098
289	9.0	1 33.94	2.3128	.0023	29 37 44.9	0.137	.337	8.13	29 1101
290	9.2	2 37.46	2.2855	.0023	30 30 20.7	0.230	.333	8.13	30 1124
291	8.8	7 1 27.20	+2.3088	+0.0013	−30 39 42.6	− 5.310	−0.322	8.12	30 1519
292	9.3	1 42.88	2.3413	.0012	29 35 24.4	5.332	.327	8.12	29 1544
293	8.8	2 28.09	2.3175	.0012	30 24 18.2	5.396	.323	8.13	30 1523
294	8.7	2 47.52	2.3358	.0012	29 48 28.2	5.423	.326	8.12	29 1551
295	7.3	3 6.87	2.3141	.0012	30 32 23.5	5.450	.322	8.12	30 1526
296	9.0	7 3 33.65	+2.3259	+0.0012	−30 9 36.7	− 5.488	−0.324	8.13	30 1529
297	9.5	3 48.13	2.3300	.0012	30 1 49.3	5.508	.324	8.12	29 1554
298	9.5	3 49.44	2.3344	.0012	29 53 3.6	5.510	.325	8.12	29 1555
299	8.0	4 17.98	2.3110	.0012	30 40 37.3	5.550	.322	8.13	30 1534
300	8.7	4 52.05	2.3205	.0012	30 22 57.6	5.598	.322	8.12	30 1538

N°	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Época 1930 +	C. P. D.
301	9.0	7ᵇ 5ᵐ43ˢ44	+2ˢ3365	+0ˢ0012	−29°52′34″4	− 5″670	−0″324	8.12	29°1570
302	8.6	56 57.27	2.3949	.0014	30 10 10 0	9.791	.301	8.12	30 2164
303	9.2	57 17.06	2.3846	.0014	30 34 3.9	9.816	.299	8.12	30 2169
304	8.9	57 19.13	2.3793	.0014	30 45 48.5	9.819	.298	8.13	30 2170
305	8.8	58 6.74	2.4104	.0013	29 40 9.9	9.879	.302	8.12	29 2234
306	8.3	7 58 36.40	+2.3911	+0.0014	−30 24 42.0	− 9.917	−0.299	8.13	30 2194
307	9.1	59 2.13	2.4143	.0013	29 34 49.1	9 949	.301	8.13	29 2248
308	8.8	59 26.15	2.3981	.0014	30 12 23.9	9.980	.299	8.11	30 2202
309	8.2	8 0 25.10	2.3912	.0014	30 31 13.9	10.054	.297	8.12	30 2215
310	9.0	0 56.47	2.3983	.0014	30 17 42.9	10.094	.298	8.13	30 2219
311	7.8	8 1 37.63	+2.4140	+0.0014	−29 45 8.3	−10.145	−0.299	8.11	29 2280
312	9.0	9 2 53.03	2.5216	.0037	30 34 31.9	14.351	.251	8.12	30 2794
313	9.0	3 0.70	2.5194	.0037	30 41 23.2	14.358	.250	8.12	30 2797
314	9.0	3 37.74	2.5292	.0037	30 18 37.9	14.396	.251	8.13	30 2799
315	9.2	4 14.16	2.5198	.0038	30 48 38.5	14.433	.249	8.12	30 2800
316	7.8	9 4 17.91	+2.5423	+0.0037	−29 46 50.7	−14.437	−0.251	8.12	29 2917
317	9.0	4 35.69	2.5458	.0036	29 39 5.5	14.455	.249	8.13	29 2919
318	9.0	5 0.71	2.5220	.0039	30 47 55.5	14.480	.248	8.12	30 2803
319	8.8	5 4.33	2.5401	.0037	29 58 19.4	14.484	.250	8.12	29 2922
320	8.6	5 26.53	2.5351	.0038	30 14 30.9	14.506	.249	8.13	30 2805
321	9.0	9 5 48.77	+2.5392	+0.0038	−30 5 40.2	−14.528	−0.249	8.12	29 2925
322	6.5	6 45.56	2.5423	.0038	30 3 32.0	14.585	.248	8.12	29 2933
323	9.2	7 59.35	2.5499	.0039	29 50 32.0	14.659	.247	8.13	29 2937
324	7.9	59 27.92	2.6821	.0076	30 12 54.8	17.336	.189	7.27	29 3171
325	9.0	59 39.93	2.6875	.0075	29 54 25.6	17.344	.189	7.26	29 3172
326	8.9	10 0 8.27	+2.6892	+0.0076	−29 53 12.0	−17.365	−0.188	7.27	29 3178
327	9.0	0 43.14	2.6872	.0077	30 7 23.9	17.390	.187	7.26	29 3180
328	9.2	1 34.23	2.6888	.0078	30 11 1.9	17.427	.186	7.27	29 3182
329	8.8	1 44.97	2.6940	.0077	29 52 37.3	17.435	.187	7.26	29 3183
330	7.5	2 23.71	2.6860	.0080	30 31 33.6	17.463	.185	7.26	29 3042
331	9.0	10 2 35.10	+2.6818	+0.0081	−30 50 4.3	−17.471	−0.184	7.27	30 3045
332	8.9	3 4.36	2.6998	.0078	29 45 15.9	17.492	.185	7.27	29 3188
333	9.0	3 27.34	2.7032	.0077	29 35 52.6	17.508	.184	7.27	29 3190
334	8.8	59 32.27	2.8734	.0130	29 46 40.6	19.351	.101	7.27	29 3419
335	9.0	59 39.98	2.8695	.0132	30 18 54.3	19.354	.101	7.27	30 3271
336	8.7	10 59 59.26	+2.8742	+0.0131	−29 51 39.6	−19.361	−0.100	7.27	29 3421
337	8.5	11 0 56.95	2.8727	.0135	30 26 13.7	19.383	.098	7.26	30 3277
338	8.1	1 36.17	2.8781	.0134	30 1 50.4	19.398	.098	7.27	29 3428
339	9.2	1 42.17	2.8777	.0134	30 7 43.1	19.400	.097	7.26	29 3429
340	9.1	2 32.42	2.8823	.0134	29 52 55.7	19.418	.096	7.27	29 3431
341	8.7	11 2 44.58	+2.8767	+0.0138	−30 41 36.6	−19.422	−0.095	7.26	30 3279
342	7.5	3 15.80	2.8826	.0137	30 8 53.4	19.434	.095	7.27	29 3434
343	8.8	12 23 31.88	3.1509	.0209	29 40 11.4	19.939	+ .055	7.27	29 3625
344	10.0	23 57.86	3.1531	.0212	29 55 13.8	19.935	.057	7.26	29 3627
345	9.0	25 20.13	3.1594	.0216	30 25 11.7	19.923	.059	7.27	30 3495
346	8.5	12 25 46.40	+3.1620	+0.0219	−30 44 3.5	−19.918	+0.060	7.26	30 3497
347	9.0	26 6.62	3.1610	.0215	30 7 7.0	19.915	.061	7.27	29 3629
348	8.8	26 12.91	3.1614	.0215	30 8 16.0	19.914	.061	7.26	29 3631
349	9.2	26 49.45	3.1636	.0216	30 10 24.3	19.908	.062	7.27	29 3632
350	7.5	26 57.36	3.1643	.0217	30 15 46.7	19.906	.063	7.26	29 3633

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351	7.3	12h27m39s.81	+3s.1679	+0s.0220	−30°34′ 3″.6	−19″.899	+0″.064	7.27	30°3504
352	8.9	28 5.05	3.1691	.0220	30 30 45.8	19.895	.065	7.26	30 3505
353	7.9	28 51.83	3.1683	.0214	29 37 50.2	19.886	.067	7.27	29 3638
354	9.1	13 20 55.94	3.3395	.0249	29 59 27.6	18.808	.176	7.27	29 3753
355	8.7	20 58.51	3.3485	.0256	30 48 25.4	18.807	.177	7.26	30 3647
356	8.6	13 21 1.64	+3.3397	+0.0249	−29 59 10.7	−18.805	+0.176	7.27	29 3754
357	9.0	21 29.70	3.3464	.0254	30 27 31.1	18.791	.180	7.26	30 3648
358	9.2	23 12.21	3.3540	.0256	30 38 59.4	18.738	.182	7.27	30 3654
359	9.1	23 12.97	3.3507	.0253	30 21 0.7	18.738	.181	7.26	30 3655
360	8.4	23 33.28	3.3523	.0254	30 23 46.2	18.727	.182	7.27	30 3656
361	8.3	13 24 45.49	+3.3591	+0.0257	−30 39 20.5	−18.689	+0.185	7.26	30 3664
362	9.2	24 53.77	3.3501	.0250	29 49 23.4	18.685	.185	7.27	29 3766
363	8.6	25 28.50	3.3653	.0260	31 0 0.1	18.667	.187	7.26	30 3668
364	8.8	14 21 10.11	3.5280	.0264	30 31 29.9	16.361	.304	7.44	30 3840
365	9.0	21 35.74	3.5188	.0259	29 56 52.1	16.339	.304	7.43	29 3979
366	9.0	14 23 15.28	+3.5288	+0.0261	−30 14 55.5	−16.254	+0.308	7.44	30 3843
367	8.9	23 20.36	3.5181	.0256	29.38 48.2	16.250	.307	7.43	29 3981
368	9.0	23 47.56	3.5411	.0267	30 50 17.0	16.227	.310	7.44	30 3844
369	9.0	23 56.85	3.5290	.0261	30 9 27.9	16.219	.309	7.43	29 3982
370	8.9	24 11.37	3.5400	.0265	30 42 48.6	16.206	.311	7.44	30 3845
371	9.1	14 25 20.39	+3.5225	+0.0255	−29 35 46.3	−16.147	+0.311	7.43	29 3985
372	9.1	26 30.19	3.5303	.0257	29 50 56.0	16.087	.314	7.44	29 3988
373	8.6	26 33.32	3.5289	.0257	29 45 52.8	16.084	.314	7.43	29 3989
374	9.8	15 25 53.22	3.6707	.0227	29 45 59.2	12.486	.424	7.45	29 4206
375	9.3	26 6.93	3.6665	.0226	29 34 23.5	12.470	.424	7.45	29 4207
376	9.3	15 26 55.55	+3.6783	+0.0228	−29 59 32.4	−12.415	+0.426	7.44	29 4210
377	9.4	27 42.62	3.6787	.0227	29 56 22.7	12.361	.427	7.45	29 4212
378	8.9	28 13.62	3.6648	.0222	29 19 25.8	12.325	.426	7.44	29 4213
379	8.9	28 31.83	3.6674	.0222	29 24 24.5	12.304	.427	7.43	29 4215
380	9.2	28 39.80	3.6691	.0223	29 28 3.7	12.295	.428	7.44	29 4216
381	9.2	15 29 49.26	+3.6818	+0.0226	−29 58 17.7	−12.284	+0.429	7.46	29 4217
382	9.6	29 36.84	3.6840	.0226	29 59 43.8	12.229	.431	7.44	29 4218
383	9.0	29 42.30	3.6974	.0230	30 31 47.0	12.223	.432	7.44	30 4138
384	9.2	16 22 36.34	3.7558	.0165	29 17 40.4	8.264	.502	7.44	29 4423
385	9.2	24 7.27	3.7811	.0166	30 6 57.9	8.143	.507	7.45	30 4381
386	9.6	16 24 13.31	+3.7776	+0.0166	−29 59 23.0	− 8.135	+0.507	7.44	29 4427
387	8.8	24 54.82	3.7704	.0163	29 42 9.4	8.080	.506	7.44	29 4430
388	9.3	25 7.00	3.7765	.0164	29 54 19.2	8.063	.507	7.45	29 4431
389	8.5	25 59.55	3.7611	.0160	29 19 12.1	7.993	.506	7.44	29 4434
390	8.7	26 27.39	3.7763	.0162	29 50 8.0	7.956	.509	7.45	29 4435
391	8.9	16 26 58.77	+3.7739	+0.0161	−29 43 40.1	− 7.914	+0.509	7.44	29 4439
392	9.1	27 19.51	3.7791	.0161	29 53 43.7	7.886	.510	7.45	29 4441
393	9.0	27 51.92	3.7838	.0161	30 2 2.1	7.843	.511	7.44	29 4443
394	9.7	17 26 7.12	3.8230	.0071	29 34 47.4	2.953	.553	7.45	29 4751
395	9.3	26 27.64	3.8371	.0072	30 2 5.1	2.923	.555	7.44	29 4755
396	9.1	17 26 28.37	+3.8442	+0.0072	−30 15 52.4	− 2.922	+0.556	7.58	30 4772
397	8.4	26 47.19	3.8421	.0071	30 11 22.4	2.895	.555	7.45	30 4777
398	8.8	27 7.72	3.8471	.0071	30 20 45.2	2.866	.556	7.58	30 4779
399	8.9	27 28.78	3.8491	.0071	30 24 21.1	2.835	.557	7.44	30 4781
400	8.8	27 46.58	3.8387	.0070	30 3 54.2	2.809	.555	7.45	30 4784

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401	8.6	17h28m10s.96	+3s.8469	+0s.0070	−30°19′25″.9	− 2″.774	+0″.557	7.58	30°4788
402	8.5	28 16.30	3.8246	.0068	29 35 50.4	2.766	.553	7.44	29 4767
403	9.2	28 20.41	3.8283	.0068	29 43 5.0	2.760	.554	7.45	29 4769
404	8.9	29 12.81	3.8485	.0068	30 21 33.9	2.685	.557	7.44	30 4798
405	8.5	18 21 51.66	3.8544	− .0022	30 26 11.6	+ 1.909	.559	7.59	30 5509
406	9.5	18 22 14.49	+3.8442	−0.0022	−30 6 48.7	+ 1.942	+0.557	7.58	30 5511
407	7.5	22 18.19	3.8270	.0022	29 33 10.9	1.948	.554	7.59	29 5557
408	9.1	22 33.48	3.8458	.0023	30 10 8.7	1.970	.557	7.58	30 5514
409	7.0	23 1.74	3.8362	.0023	29 51 48.4	2.011	.556	7.59	29 5565
410	8.5	24 17.14	3.8388	.0026	29 57 45.4	2.120	.556	7.58	29 5572
411	8.8	18 24 25.19	+3.8214	−0.0025	−29 23 49.3	+ 2.132	+0.553	7.59	29 5573
412	8.2	24 44.33	3.8202	.0026	29 21 43.2	2.160	.553	7.58	29 5576
413	9.0	24 57.33	3.8359	.0027	29 52 36.9	2.178	.555	7.59	29 5578
414	9.8	25 57.32	3.8598	.0030	30 39 27.2	2.266	.558	7.59	30 5529
415	9.6	26 6.05	3.8289	.0028	29 39 42.3	2.278	.554	7.59	29 5588
416	6.5	19 22 12.20	+3.7921	−0.0116	−29 53 34.5	+ 7.036	+0.515	7.61	29 6051
417	8.6	22 23.85	3.7793	.0114	29 27 25.8	7.052	.513	7.59	29 6052
418	8.7	23 8.05	3.7840	.0116	29 39 1.9	7.112	.513	7.61	29 6060
419	8.7	23 38.82	3.7802	.0116	29 32 24.6	7.154	.512	7.59	29 6066
420	8.7	24 40.18	3.7883	.0119	29 51 44.1	7.238	.512	7.61	29 6079
421	8.6	19 25 17.55	+3.7863	−0.0120	−29 49 15.8	+ 7.288	+0.511	7.59	29 6082
422	9.2	25 20.93	3.7932	.0121	30 3 42.3	7.293	.512	7.61	30 6025
423	9.0	25 56.96	3.7852	.0121	29 48 36.0	7.342	.510	7.59	29 6083
424	8.7	26 7.70	3.7970	.0123	30 13 29.1	7.357	.512	7.61	30 6031
425	8.4	26 7.70	3.7772	.0119	29 32 25.7	7.357	.509	7.59	29 6084
426	7.5	19 26 23.25	+3.7801	−0.0120	−29 39 6.2	+ 7.378	+0.509	7.61	29 6087
427	8.1	20 23 29.71	3.6885	.0186	29 37 18.3	11.746	.431	7.64	29 6309
428	9.8	23 43.47	3.7005	.0189	30 7 8.6	11.763	.432	7.59	30 6260
429	9.2	24 35.62	3.6868	.0186	29 38 28.7	11.824	.429	7.64	29 6312
430	8.8	25 7.79	3.6767	.0184	29 16 36.0	11.862	.427	7.59	29 6314
431	8.4	20 26 8.24	+3.6913	−0.0190	−29 56 33.0	+11.933	+0.427	7.64	30 6267
432	7.0	26 21.43	3.6765	.0186	29 21 53.5	11.948	.425	7.59	29 6318
433	9.2	27 17.88	3.7010	.0195	30 25 25.8	12.014	.427	7.61	30 6268
434	9.4	28 5.27	3.6940	.0193	30 12 35.9	12.070	.425	7.59	30 6275
435	9.4	21 28 0.66	3.5312	.0217	29 7 43.2	15.796	.310	7.61	29 6608
436	8.8	21 28 33.97	+3.5554	−0.0229	−30 28 20.3	+15.826	+0.311	7.59	30 6537
437	8.4	29 24.30	3.5403	.0223	29 48 1.7	15.870	.308	7.61	30 6539
438	8.8	29 39.55	3.5515	.0229	30 25 30.4	15.884	.309	7.59	30 6540
439	9.0	30 14.61	3.5490	.0228	30 22 43.4	15.915	.308	7.61	30 6541
440	8.4	30 15.58	3.5272	.0218	29 13 18.0	15.916	.306	7.59	29 6610
441	6.5	21 30 27.82	+3.5418	−0.0225	−30 1 48.1	+15.927	+0.307	7.61	30 6542
442	8.5	31 57.47	3.5301	.0222	29 37 14.5	16.006	.303	7.59	29 6612
443	9.7	22 22 42.61	3.3785	.0212	29 2 58.3	18.266	.195	7.76	29 6704
444	9.1	24 29.40	3.3741	.0213	29 7 20.2	18.329	.191	7.78	29 6705
445	9.3	24 51.93	3.3835	.0220	29 57 45.2	18.342	.191	7.78	30 6640
446	8.8	22 25 12.26	+3.3719	−0.0213	−29 6 36.8	+18.354	+0.190	7.78	29 6706
447	7.9	25 13.49	3.3710	.0212	29 2 35.3	18.355	.190	7.76	29 6707
448	8.5	25 18.25	3.3759	.0216	29 27 47.4	18.358	.190	7.78	29 6708
449	9.2	26 2.27	3.3712	.0213	29 15 35.0	18.383	.188	7.76	29 6711
450	9.4	26 55.08	3.3736	.0217	29 40 28.2	18.414	.187	7.78	29 6713

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451	8.5	23h21m26s.91	+3s.2042	−0s.0191	−30°25′10″.0	+19″.762	+0″.070	7.76	30°6735
452	9.1	21 37.86	3.2012	.0187	29 57 44.2	19.765	.069	7.78	30 6736
453	9.2	21 52.82	3.1972	.0182	29 20 48.7	19.768	.069	7.76	29 6807
454	9.5	22 7.64	3.1978	.0184	29 37 44.5	19.772	.068	7.78	29 6808
455	9.0	23 45.68	3.1940	.0185	29 55 54.3	19.795	.065	7.76	30 6740
456	9.0	23 25 13.25	+3.1862	−0.0179	−29 17 48.9	+19.814	+0.062	7.78	29 6812
457	9.4	25 19.60	3.1901	.0186	30 13 12.4	19.816	.062	7.77	30 6742
458	8.6	26 14.32	2.1884	.0188	30 31 3.4	19.828	.060	7.78	30 6745
					— 45°				
459	7.0	0 36 17.72	+2.8605	−0.0216	−45 12 30.0	+19.794	−0.074	7.77	45 73
460	8.2	38 18.89	2.8580	.0204	44 0 57.6	19.765	.078	7.80	44 83
461	8.8	0 38 56.35	+2.8473	−0.0210	−44 56 36.4	+19.756	−0.079	7.80	45 79
462	9.2	39 3.67	2.8545	.0202	43 55 49.4	19.754	.079	7.80	44 86
463	7.8	39 51.03	2.8454	.0205	44 32 1.1	19.743	.079	7.80	44 89
464	9.2	40 48.16	2.8448	.0199	43 56 19.9	19.728	.082	7.80	44 90
465	9.0	42 10.02	2.8283	.0204	45 0 15.2	19.706	.084	7.80	45 86
466	8.7	0 42 34.83	+2.8301	−0.0199	−44 30 46.8	+19.700	−0.085	7.80	44 95
467	9.4	42 46.42	2.8295	.0199	44 27 31.4	19.697	.085	7.80	44 96
468	9.3	42 52.02	2.8227	.0204	45 11 27.0	19.695	.085	7 80	45 87
469	9.3	1 32 54.20	2.5515	.0111	44 41 13.3	18.420	.154	7.79	44 197
470	8.6	32 57.69	2.5551	.0111	44 28 20.2	18.418	.155	7.80	44 198
471	8.0	1 33 31.29	+2.5390	−0.0112	−45 11 15.4	+18.399	−0.155	7.79	45 182
472	8.8	35 29.25	2.5271	.0109	45 15 36.3	18.330	.157	7.80	45 185
473	7.0	35 32.90	2.5321	.0108	44 58 31.9	18.328	.157	7.79	45 186
474	9.0	37 4.10	2 5379	.0103	44 14 35.0	18.274	.160	7.80	44 210
475	8.3	37 16.15	2.5145	.0106	45 24 54.2	18.266	.159	7.79	45 189
476	8.9	1 37 53.36	+2.5334	−0.0102	−44 15 20.9	+18.244	−0.161	7.80	44 211
477	8.0	2 33 19.18	2.2416	.0023	45 5 6.8	15.724	.209	7.90	45 254
478	9.2	33 36.70	2.2412	.0022	45 3 5.6	15.708	.210	7.91	45 256
479	7.0	35 42.88	2.2314	.0020	45 3 23.7	15.593	.211	7.90	45 264
480	7.2	35 43.72	2.2321	.0020	45 1 50.7	15.592	.211	7.91	45 265
481	7.8	2 35 56.10	+2.2473	−0.0020	−44 28 39.6	+15.581	−0.213	7.90	44 294
482	8.5	36 27.85	2.2551	.0019	44 7 25.1	15.552	.214	7.91	44 295
483	8.5	37 0.82	2.2330	.0018	44 48 10.5	15.521	.212	7.90	45 266
484	8.7	39 25.12	2.2225	.0016	44 47 51.5	15.387	.214	7.91	45 268
485	9.0	39 52.95	2.2078	.0015	45 13 13.9	15.361	.213	7.90	45 269
486	6.5	2 40 37.00	+2.2120	−0.0014	−44 58 15.2	+15.320	−0.214	7.91	45 271
487	9.7	3 34 46.52	2.0059	+ .0032	44 44 3.3	11.869	.241	7.91	44 380
488	9.6	36 35.73	1.9883	.0033	45 2 10.2	11.740	.240	7.92	45 356
489	9.7	38 41.44	1.9890	.0034	44 49 46.9	11.591	.244	7.91	44 383
490	9.0	39 51.20	1.9860	.0034	44 48 22.8	11.508	.242	7.92	44 386
491	9.0	3 40 54.74	+1.9643	+0.0036	−45 16 52.0	+11.432	−0.240	7.91	45 358
492	8.8	42 0.04	1.9712	.0036	45 0 26.8	11.353	.242	7.92	45 361
493	9.0	42 2.22	1.9810	.0035	44 44 55.8	11.351	.243	7.91	45 389
494	7.8	4 35 52.33	1.8353	.0047	44 46 29.2	7.193	.253	7.93	44 505
495	8.7	37 15.87	1.8109	.0048	45 16 3.7	7.080	.250	7.92	45 497
496	8.7	4 37 26.36	+1.8139	+0.0048	−45 11 29.8	+ 7.065	−0.250	7.93	45 498
497	9.0	38 5.62	1.8261	.0047	44 52 47.6	7.012	.252	7.92	44 507
498	7.8	39 31.55	1.7982	.0048	45 26 58.0	6.894	.249	7.93	45 505
499	8.9	39 38.37	1.8153	.0047	45 3 26.6	6.885	.252	7.92	45 506
500	8.9	39 55.84	1.8330	.0046	44 38 11.3	6.861	.254	7.93	44 512

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501	8.8	$4^h40^m10^s.42$	+1ˢ.8259	+0ˢ.0046	−44°47′24″.1	+ 6″.841	−0″.253	7.93	44°517
502	8.9	40 40.41	1.7956	.0048	45 27 18.7	6.800	.249	7.93	45 509
503	9.1	42 13.16	1.8321	.0046	44 33 20.2	6.673	.255	7.92	44 523
504	8.0	42 31.35	1.8258	.0046	44 41 18.3	6.648	.254	7.93	44 524
505	9.0	5 36 39.71	1.7249	.0034	45 23 42.0	2.038	.251	7.93	45 656
506	9.1	5 37 5.36	+1.7151	+0.0034	−45 35 51.4	+ 2.001	−0.250	7.92	45 658
507	7.8	39 28.73	1.7436	.0032	44 57 43.2	1.793	.254	7.93	44 705
508	8.0	40 40.85	1.7287	.0032	45 16 7.1	1.688	.252	7.92	45 671
509	9.2	41 6.54	1.7606	.0031	44 34 30.9	1.650	.256	7.93	44 707
510	8.8	41 20.99	1.7562	.0031	44 40 5.0	1.629	.256	7.92	44 709
511	8.8	5 41 26.65	+1.7648	+0.0031	−44 28 48.5	+ 1.621	−0.257	7.93	44 710
512	7.8	41 34.51	1.7101	.0032	45 39 11.3	1.610	.249	7.92	45 675
513	9.0	42 52.57	1.7332	.0031	45 9 0.4	1.496	.253	7.93	45 681
514	9.2	43 15.46	1.7412	.0031	44 58 26.3	1.463	.253	7.92	44 717
515	8.5	6 35 29.06	1.7785	.0011	44 25 45.3	− 3.091	.255	8.12	44 1007
516	8.5	6 36 4.68	+1.7433	+0.0010	−45 12 38.6	− 3.143	−0.250	8.13	45 972
517	8.8	36 18.86	1.7390	.0010	45 18 22.0	3.163	.249	8.13	45 975
518	8.2	36 32.34	1.7536	.0010	44 59 46.2	3.183	.251	8.10	44 1018
519	9.5	36 44.31	1.7543	.0010	44 59 5.7	3.200	.251	8.14	44 1021
520	8.8	37 32.45	1.7316	.0010	45 29 25.3	3.269	.248	8.13	45 981
521	8.9	6 39 3.95	+1.7540	+0.0010	−45 2 24.6	− 3.401	−0.251	8.10	44 1037
522	9.1	39 7.51	1.7466	.0009	45 12 8.5	3.406	.250	8.13	45 993
523	9.3	39 41.59	1.7652	.0010	44 48 37.3	3.455	.252	8.13	44 1044
524	9.1	40 20.40	1.7442	.0009	45 16 50.9	3.510	.249	8.11	45 1003
525	9.0	42 31.69	1.7370	.0008	45 29 6.5	3.699	.247	8.13	45 1028
526	7.8	7 34 18.44	+1.8558	+0.0001	−44 49 5.7	− 8.017	−0.244	8.08	44 1717
527	7.8	34 32.93	1.8373	.0000	45 15 44.2	8.037	.242	8.13	45 1624
528	7.9	34 35.74	1.8547	.0001	44 51 32.0	8.041	.244	8.13	44 1725
529	8.0	36 7.19	1.8362	.0000	45 22 30.3	8.162	.241	8.12	45 1650
530	8.6	36 26.86	1.8676	.0001	44 39 26.9	8.189	.245	8.13	44 1761
531	9.0	7 36 59.69	+1.8491	0.0000	−45 7 31.6	− 8.232	−0.242	8.13	45 1669
532	8.6	37 42.70	1.8565	.0000	44 59 27.4	8.289	.243	8.10	44 1783
533	7.8	37 51.30	1.8490	.0000	45 10 28.4	8.301	.242	8.13	45 1685
534	6.9	39 0.49	1.8821	+ .0002	44 27 19.4	8.392	.246	8.13	44 1809
535	8.6	39 5.65	1.8719	.0001	44 42 21.1	8.399	.244	8.11	44 1810
536	8.4	7 40 12.67	+1.8407	0.0000	−45 30 19.6	− 8.488	−0.240	8.12	45 1718
537	6.2	40 37.68	1.8639	+ .0001	44 59 3.0	8.521	.242	8.13	44 1829
538	6.4	8 38 1.76	2.0445	.0022	44 55 25.0	12.752	.224	8.10	44 2907
539	8.1	38 13.96	2.0501	.0022	44 47 26.7	12.766	.225	8.12	44 2911
540	7.7	39 0.65	2.0553	.0023	44 43 23.6	12.819	.225	8.14	44 2929
541	9.0	8 39 15.96	+2.0362	+0.0022	−45 16 56.1	−12.836	−0.223	8.12	45 2850
542	6.5	39 23.66	2.0418	.0022	45 8 29.2	12.844	.223	8.12	44 2936
543	8.0	40 20.87	2.0435	.0023	45 11 35.3	12.908	.222	8.13	45 2882
544	6.8	40 33.74	2.0408	.0023	45 17 26.3	12.922	.222	8.13	45 2888
545	8.6	41 7.45	2.0582	.0024	44 51 53.2	12.960	.223	8.15	44 2980
546	8.3	8 42 48.40	+2.0368	+0.0024	−45 38 27.8	−13.072	−0.220	8.13	45 2987
547	8.5	42 55.82	2.0703	.0025	44 42 44.7	13.080	.223	8.11	44 3031
548	5.5	43 57.35	2.0415	.0024	45 38 12.7	13.148	.219	8.12	45 3028
549	8.4	9 32 41.21	2.2498	.0074	45 46 33.8	16.044	.190	8.11	45 3862
550	8.8	33 18.63	2.2538	.0075	45 44 19.0	16.077	.189	8.12	45 3867

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551	9.0	$9^h33^m28^s.06$	$+2^s.2789$	$+0^s.0075$	$-44°52'31''.1$	$-16''.085$	$-0''.191$	8.13	44°3927
552	8.5	35 46.56	2.2643	.0078	45 47 26.0	16.205	.187	8.12	45 3894
553	9.1	35 57.46	2.2828	.0078	45 9 27.7	16.214	.189	8.13	44 3979
554	8.9	36 14.05	2.2859	.0078	45 5 12.3	16.228	.189	8.13	44 3987
555	8.7	36 32.51	2.2779	.0079	45 26 10.7	16.244	.188	8.09	45 3900
556	9.2	9 36 35.32	+2.2946	+0.0079	−44 50 2.4	−16.246	−0.189	8.14	44 3992
557	9.0	36 57.89	2.2830	.0079	45 19 20.8	16.266	.188	8.13	45 3906
558	9.0	37 34.78	2.2888	.0080	45 13 7.9	16.297	.187	8.11	44 4012
559	8.6	39 2.36	2.2839	.0082	45 39 13.6	16.371	.185	8.12	45 3942
560	9.3	10 35 33.36	2.5773	.0171	45 49 56.4	18.699	.127	7.27	45 4823
561	8.5	10 37 14.03	+2.5891	+0.0174	−45 41 29.0	−18.752	−0.125	7.26	45 4844
562	9.4	37 15.48	2.6023	.0171	44 54 14.0	18.752	.126	7.27	44 5011
563	8.6	37 21.90	2.5840	.0175	46 2 12.4	18.756	.125	7.26	45 4848
564	7.8	38 25.87	2.6010	.0175	45 22 35.8	18.789	.124	7.27	45 4855
565	9.3	38 37.22	2.5918	.0177	45 59 31.3	18.794	.123	7.27	45 4858
566	9.0	10 38 58.16	+2.6129	+0.0173	−44 49 38.0	−18.805	−0.124	7.27	44 5028
567	9.2	39 15.69	2.6138	.0174	44 52 2.4	18.814	.124	7.27	44 5033
568	9.1	39 16.67	2.6097	.0175	45 7 45.1	18.814	.123	7.27	44 5035
569	8.5	41 5.04	2.6087	.0181	45 48 46.7	18.868	.120	7.27	45 4886
570	7.8	11 34 31.11	2.9228	.0276	45 20 1.9	19.921	.039	7.27	45 5548
571	9.0	11 35 10.35	+2.9286	+0.0274	−44 56 43.6	−19.927	−0.038	7.26	44 5622
572	8.4	36 6.08	2.9310	.0281	45 33 43.8	19.936	.036	7.27	45 5557
573	7.5	36 12.42	2.9325	.0280	45 23 11.8	19.937	.036	7.26	45 5558
574	8.6	38 14.08	2.9427	.0287	45 45 59.1	19.955	.032	7.27	45 5568
575	8.3	38 18.09	2.9455	.0282	45 13 58.3	19.955	.032	7.26	44 5651
576	8.8	11 39 35.22	+2.9553	+0.0279	−44 40 41.5	−19.965	−0.030	7.27	44 5661
577	8.5	40 15.20	2.9585	.0282	44 49 59.5	19.970	.029	7.26	44 5669
578	8.4	40 26.23	2.9582	.0285	45 9 43.5	19.972	.028	7.27	44 5671
579	8.8	41 50.61	2.9647	.0292	45 38 39.4	19.982	.026	7.26	45 5595
580	6.0	42 0.79	2.9671	.0289	45 16 24.0	19.983	.026	7.27	44 5685
581	8.8	12 44 23.15	+3.3301	+0.0384	−45 0 37.0	−19.670	+0.102	7.27	44 6069
582	9.0	44 35.55	3.3326	.0387	45 9 35.8	19.667	.102	7.26	44 6071
583	8.6	45 20.41	3.3393	.0391	45 24 58.2	19.654	.104	7.27	45 6055
584	8.6	45 26.00	3.3406	.0392	45 29 47.6	19.652	.104	7.26	45 6057
585	8.8	48 6.25	3.3520	.0390	45 5 1.8	19.605	.110	7.27	44 6107
586	9.0	12 48 49.79	+3.3604	+0.0397	−45 30 30.5	−19.592	+0.112	7.26	45 6090
587	7.8	49 5.47	3.3542	.0386	44 44 3.8	19.587	.112	7.27	44 6114
588	8.9	49 41.38	3.3573	.0387	44 42 6.2	19.575	.114	7.26	44 6121
589	9.5	49 45.50	3.3602	.0390	44 57 19.1	19.574	.114	7.27	44 6122
590	8.3	50 18.57	3.3624	.0390	44 51 49.2	19.564	.115	7.26	44 6122
591	9.0	13 46 51.66	+3.6645	+0.0432	−44 33 47.8	−17.905	+0.248	7.26	44 6547
592	9.0	46 55.46	3.6677	.0434	44 42 16.2	17.902	.248	7.26	44 6548
593	9.2	47 12.11	3.6682	.0434	44 39 32.0	17.891	.249	7.26	44 6550
594	9.0	47 54.44	3.6893	.0448	45 29 5.4	17.864	.251	7.26	45 6579
595	8.9	48 49.26	3.6894	.0444	45 15 44.2	17.827	.253	7.27	45 6588
596	8.3	13 49 4.29	+3.6736	+0.0431	−44 27 42.9	−17.817	+0.253	7.26	44 6563
597	8.6	50 0.00	3.6904	.0441	45 1 32.3	17.780	.256	7.27	44 6568
598	9.0	50 9.80	3.6992	.0447	45 23 35.7	17.773	.257	7.26	45 6595
599	8.5	50 18.06	3.7030	.0450	45 31 52.7	17.768	.257	7.27	45 6597
600	8.5	53 1.53	3.7063	.0442	45 2 12.9	17.656	.263	7.26	44 6587

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601	9.0	14h45m42s.85	+3s.9879	+0s.0449	−45°58′59″.0	−15″.029	+0″.391	7.44	45°7058
602	9.0	46 24.92	3.9972	.0452	46 10 28.0	14.988	.393	7.43	45 7066
603	9.1	47 3.81	3.9675	.0434	45 8 50.1	14.950	.392	7.44	44 7013
604	8.9	47 43.55	3.9747	.0436	45 16 58.9	14.912	.393	7.43	45 7077
605	8.3	48 21.83	3.9859	.0439	45 32 55.0	14.874	.396	7.44	45 7082
606	9.0	14 48 53.08	+3.9710	+0.0430	−45 0 17.0	−14.844	+0.398	7.43	44 7029
607	9.0	48 55.29	4.0013	.0446	45 57 5.8	14.842	.398	7.44	45 7085
608	8.7	49 19.00	3.9898	.0439	45 32 17.9	14.818	.398	7.43	45 7087
609	8.6	50 44.50	4.0002	.0440	45 40 11.7	14.734	.402	7.44	45 7106
610	9.0	52 26.85	4.0166	.0443	45 56 24.0	14.633	.406	7.43	45 7119
611	9.0	15 46 40.36	+4.1840	+0.0355	−44 51 49.8	−11.014	+0.514	7.44	44 7647
612	8.5	46 45.49	4.2005	.0361	45 16 47.1	11.008	.516	7.43	45 7692
613	7.5	46 57.69	4.1925	.0357	45 3 32.9	10.993	.516	7.44	44 7649
614	9.0	47 20.99	4.1885	.0355	44 55 21.6	10.965	.516	7.43	44 7652
615	9.2	47 38.07	4.2151	.0363	45 34 33.8	10.944	.519	7.44	45 7699
616	9.1	15 48 59.77	+4.1805	+0.0347	−44 35 6.8	−10.844	+0.517	7.44	44 7665
617	9.3	49 0.95	4.1881	.0350	44 46 47.0	10.843	.518	7.44	44 7666
618	9.0	49 33.56	4.2080	.0355	45 14 30.1	10.803	.521	7.43	45 7717
619	9.3	51 23.02	4.2219	.0355	45 26 45.4	10.668	.526	7.44	45 7733
620	9.0	52 16.59	4.2023	.0345	44 52 59.5	10.602	.524	7.43	44 7692
621	9.1	16 45 0.49	+4.3327	+0.0227	−44 52 26.7	− 6.442	+0.601	7.45	44 8055
622	9.1	45 47.65	4.3650	.0231	45 33 58.5	6.377	.606	7.44	45 8169
623	9.0	46 11.03	4.3126	.0219	44 21 56.4	6.345	.599	7.45	44 8066
624	8.6	46 37.07	4.3562	.0227	45 20 15.9	6.309	.605	7.44	45 8175
625	9.1	47 49.73	4.3338	.0219	44 46 57.5	6.208	.603	7.45	44 8079
626	8.5	16 48 12.95	+4.3426	+0.0219	−44 57 56.1	− 6.176	+0.605	7.44	44 8088
627	8.0	48 57.36	4.3352	.0216	44 46 7.5	6.114	.605	7.45	44 8094
628	9.2	49 27.37	4.3628	.0219	45 22 10.2	6.072	.609	7.44	45 8200
629	8.4	49 40.15	4.3408	.0215	44 52 3.8	6.055	.606	7.45	44 8104
630	8.1	50 10.91	4.3468	.0214	44 58 53.9	6.012	.607	7.44	44 8106
631	9.0	16 50 49.59	+4.3380	+0.0211	−44 45 27.4	− 5.958	+0.606	7.45	44 8112
632	9.0	17 47 0.18	4.3777	.0051	44 21 50.1	1.136	.638	7.45	44 8813
633	9.0	48 41.10	4 4288	.0047	45 27 15.1	0.985	.645	7.44	45 8936
634	9.2	49 42 66	4.3885	.0043	44 34 57.2	0.900	.640	7.45	44 8835
635	9.1	49 59.81	4.4293	.0044	45 27 26.8	0.875	.645	7.44	45 8950
636	8.0	17 50 13.61	+4.4040	+0.0042	−44 54 59.5	− 0.854	+0.642	7.44	44 8838
637	8.5	50 33.42	4.3942	.0041	44 42 9.7	0.826	.640	7.45	44 8842
638	8.6	50 47.90	4.3862	.0040	44 31 41.2	0.805	.639	7.44	44 8843
639	8.6	52 27.58	4.3983	.0035	44 46 57.2	0.659	.641	7.46	44 8857
640	7.8	52 32.62	4.4294	.0036	45 26 50.3	0.652	.646	7.44	45 8981
641	8.8	17 52 57.29	+4.4070	+0.0034	−44 58 3.5	− 0.616	+0.642	7.46	44 8861
642	9.0	53 34.76	4.3866	.0032	44 31 26.8	0.562	.639	7.44	44 8864
643	7.9	18 48 58.95	4.4054	− .0135	45 34 46.2	+ 4.252	.626	7.59	45 9518
644	9.5	49 13.90	4.3947	.0134	45 21 15.6	4.273	.624	7.59	45 9522
645	9.2	50 27.29	4.3914	.0137	45 19 1.0	4.378	.623	7.59	45 9530
646	8.7	18 50 40.68	+4.3875	−0.0137	−45 14 22.5	+ 4.397	+0.622	7.58	45 9532
647	8.0	51 11.14	4.3695	.0136	44 51 30.1	4.440	.619	7.59	44 9397
648	8.9	51 49.49	4.3719	.0139	44 55 49.4	4.495	.619	7.59	44 9400
649	8.0	51 52.12	4.3480	.0136	44 23 57.9	4.498	.616	7.59	44 9402
650	9.0	53 7.18	4.3751	.0143	45 2 11.9	4.605	.619	7.59	45 9551

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651	9.0	18h53m13s.66	+4s.3585	−0s.0141	−44°40′23″.0	+ 4″.614	+0″.616	7.59	44°9408
652	8.9	54 0.98	4.3382	.0140	44 14 26.1	4.681	.613	7.59	44 9416
653	9.1	54 38.88	4.3814	.0148	45 13 16.9	4.735	.619	7.59	45 9565
654	9.3	19 52 20.63	4.2316	.0283	44 30 21.4	9.437	.540	7.61	44 9684
655	9.3	52 33.90	4.2367	.0285	44 38 42.4	9.454	.541	7.59	44 9685
656	8.9	19 55 3.35	+4.2396	−0.0293	−44 53 7.7	+ 9.645	+0.538	7.61	45 9839
657	8.8	55 15.40	4.2138	.0286	44 15 29.9	9.661	.534	7.59	44 9694
658	6.0	55 29.83	4.2561	.0300	45 19 7.5	9.679	.539	7.61	45 9841
659	8.3	56 53.98	4.2258	.0294	44 40 26.7	9.787	.533	7.59	44 9707
660	7.3	57 17.92	4.2545	.0304	45 24 16.8	9.817	.536	7.61	45 9847
661	9.0	19 57 18.91	+4.2149	−0.0292	−44 25 50.2	+ 9.818	+0.532	7.59	44 9710
662	8.7	58 12.96	4.2273	.0298	44 48 11.5	9.887	.532	7.61	44 9714
663	8.5	20 47 6.08	4.0487	.0368	44 23 56.4	13.353	.434	7.61	44 9898
664	8.9	47 13.01	4.0403	.0365	44 9 54.5	13.361	.433	7.59	44 9899
665	7.8	48 41.48	4.0503	.0374	44 37 27.8	13.457	.432	7.61	44 9902
666	9.4	20 49 35.88	+4.0728	−0.0387	−45 22 50.5	+13.515	+0.433	7.59	45 10048
667	9.0	50 34.87	4.0475	.0378	44 45 29.0	13.579	.428	7.61	44 9909
668	7.3	50 42.95	4.0505	.0380	44 51 42.8	13.587	.428	7.59	45 10054
669	7.0	52 41.96	4.0272	.0375	44 24 5.2	13.715	.422	7.61	44 9918
670	9.1	52 44.52	4.0242	.0373	44 19 0.5	13.717	.422	7.59	44 9917
671	9.2	20 53 7.06	+4.0527	−0.0388	−45 12 17.9	+13.741	+0.424	7.61	45 10058
672	9.0	21 49 30.30	3.7723	.0399	44 9 22.1	16.882	.289	7.61	44 10125
673	9.0	49 45.12	3.7709	.0399	44 8 37.3	16.894	.288	7.59	44 10127
674	9.0	49 46.60	3.7800	.0405	44 31 10.5	16.895	.289	7.76	44 10128
675	9.0	49 51.77	3.7956	.0416	45 9 50.5	16.899	.290	7.61	45 10232
676	9.0	21 49 58.06	+3.7662	−0.0396	−43 59 39.7	+16.904	+0.288	7.59	44 10129
677	9.2	50 27.81	3.7898	.0414	45 2 55.4	16.927	.289	7.76	45 10235
678	9.0	52 13.81	3.7717	.0407	44 40 10.0	17.009	.284	7.61	44 10138
679	9.2	52 26.78	3.7694	.0406	44 36 59.9	17.019	.283	7.59	44 10140
680	8.8	53 46.91	3.7749	.0415	45 6 49.8	17.081	.281	7.76	45 10244
681	9.0	21 53 54.04	+3.7575	−0.0403	−44 25 11.5	+17.086	+0.279	7.61	44 10145
682	9.0	22 42 20.51	3.5120	.0382	44 40 41.9	18.905	.162	7.76	44 10262
683	8.5	42 28.40	3.5232	.0393	45 26 47.5	18.909	.163	7.78	45 10334
684	8.6	42 46.87	3.5038	.0376	44 17 29.1	18.918	.161	7.76	44 10264
685	7.9	43 4.07	3.5186	.0392	45 21 39.0	18.926	.161	7.78	45 10337
686	8.8	22 44 36.47	+3.5045	−0.0385	−44 59 54.9	+18.970	+0.157	7.76	45 10340
687	8.5	45 29.82	3.4969	.0381	44 49 13.7	18.995	.155	7.78	45 10341
688	10.0	46 13.82	3.4874	.0375	44 26 31.1	19.015	.153	7.77	44 10272
689	10.0	47 16.03	3.4787	.0371	44 13 48.7	19.044	.150	7.78	44 10277
690	8.7	47 18.48	3.4954	.0388	45 23 42.1	19.045	.151	7.76	45 10345
691	8.2	22 47 27.49	+3.4914	−0.0385	−45 10 57.8	+19.049	+0.150	7.78	45 10346
692	8.3	48 40.56	3.4857	.0385	45 15 24.8	19.082	.147	7.76	45 10351
693	9.1	23 44 31.31	3.1621	.0302	44 42 8.4	19.999	.023	7.78	44 10372
694	9.0	45 3.17	3.1612	.0310	45 25 23.5	20.002	.022	7.78	45 10476
695	8.9	47 55.50	3.1430	.0300	44 55 21.4	20.017	.016	7.80	45 10481
696	9.0	23 49 11.61	+3.1359	−0.0299	−45 2 16.6	+20.023	+0.013	7.78	45 10483
697	9.0	49 31.19	3.1341	.0298	45 4 0.8	20.024	.012	7.79	45 10485
698	8.5	49 50.53	3.1328	.0301	45 21 11.1	20.025	.012	7.78	45 10486
699	9.2	49 52.66	3.1317	.0297	44 57 38.8	20.025	.012	7.79	45 10487
700	8.8	49 57.60	3.1325	.0303	45 32 24.0	20.026	.012	7.78	45 10488

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					— 60°				
701	8.2	1h19m17s.51	+2s.3029	—0s.0175	—59°31′ 4″.3	+18″.857	—0″.122	7.79	59°91
702	8.7	22 30.32	2.2613	.0163	59 52 54.1	18.760	.124	7.80	60 111
703	7.7	22 30.20	2.2611	.0162	59 53 19.4	18.760	.124	7.79	60 112
704	9.0	22 54.68	2.2626	.0161	59 43 27.3	18.747	.125	7.80	59 96
705	9.0	23 51.81	2.2598	.0157	59 32 23.9	18.718	.126	7.79	59 98
706	8.9	1 24 48.61	+2.2470	—0.0154	—59 39 36.6	+18.688	—0.126	7.80	59 99
707	9.0	25 45.98	2.2295	.0150	59 55 7.0	18.657	.127	7.81	60 116
708	8.8	27 15.72	2.2163	.0144	59 53 38.1	18.609	.128	7.80	60 117
709	7.8	28 0.37	2.2042	.0141	60 2 43.1	18.585	.128	7.79	60 118
710	8.0	3 19 38.58	1.3086	+ .0139	59 54 28.8	12.909	.151	7.91	60 249
711	8.5	3 20 28.49	+1.3685	+0.0124	—58 57 52.8	+12.853	—0.158	7.92	59 268
712	8.1	21 11.04	1.3465	.0129	59 13 26.1	12.805	.156	7.91	59 269
713	8.7	21 18.51	1.3473	.0129	59 12 0.8	12.797	.157	7.92	59 271
714	8.4	21 40.31	1.3521	.0128	59 5 52.4	12.772	.157	7.91	59 272
715	7.8	21 55.59	1.3395	.0131	59 15 28.6	12.755	.156	7.92	59 273
716	8.8	3 22 53.60	+1.2730	+0.0146	—60 6 41.4	+12.690	—0.149	7.91	60 252
717	8.6	24 32.72	1.3030	.0138	59 32 48.7	12.578	.153	7.92	59 275
718	8.3	24 43.86	1.3010	.0138	59 33 35.0	12.565	.153	7.91	59 276
719	8.2	28 52.72	1.3269	.0130	58 49 42.5	12.280	.158	7.92	59 280
720	9.0	5 18 5.56	0.7878	.0098	60 5 53.6	3.645	.114	8.05	60 409
721	9.4	5 18 57.18	+0.7611	+0.0098	—60 22 3.2	+ 3.571	—0.110	8.05	60 411
722	8.0	21 47.62	0.8174	.0086	59 42 11.2	3.326	.118	8.05	59 463
723	8.6	23 21.19	0.7859	.0089	60 1 12.0	3.192	.114	8.05	60 415
724	9.2	24 33.61	0.7207	.0092	60 41 29.0	3.088	.105	8.05	60 417
725	7.0	26 44.92	0.7382	.0087	60 28 26.0	2.898	.108	8.05	60 424
726	9.2	5 28 30.73	+0.7748	+0.0081	—60 3 22.6	+ 2.746	—0.113	8.05	60 429
727	7.8	7 18 32.57	0.8019	— .0099	61 0 14.5	— 6.735	.107	8.05	60 821
728	8.9	20 16.27	0.8892	.0089	60 6 33.3	6.878	.119	8.06	60 825
729	9.2	21 0.42	0.8526	.0096	60 32 51.2	6.938	.114	8.11	60 828
730	9.0	21 9.48	0.8879	.0091	60 9 30.9	6.951	.118	8.07	60 829
731	8.8	7 21 23.32	+0.8936	—0.0090	—60 6 11.5	— 6.969	—0.119	8.11	60 831
732	8.5	22 52.70	0.8465	.0100	60 41 22.8	7.092	.112	8.06	60 836
733	9.0	23 8.16	0.8779	.0095	60 21 3.1	7.113	.117	8.10	60 838
734	9.3	23 47.61	0.9301	.0088	59 46 54.6	7.166	.124	8.06	59 824
735	8.6	25 32.51	0.8426	.0104	60 50 29.1	7.309	.111	8.10	60 839
736	9.7	7 25 39.44	+0.9397	—0.0089	—59 44 57.1	— 7.318	—0.125	8.06	59 828
737	9.5	27 57.60	0.8786	.0102	60 32 46.4	7.505	.115	8.06	60 845
738	9.1	9 23 17.26	1.5670	.0031	60 43 23.1	15.538	.138	8.11	60 1424
739	9.2	23 29.44	1.6376	.0012	59 33 45.6	15.549	.144	8.12	59 1384
740	7.1	24 0.49	1.6498	.0010	59 25 5.3	15.578	.145	8.11	59 1389
741	8.8	9 24 39.01	+1.6006	—0.0021	—60 21 0.8	—15.613	—0.140	8.12	60 1429
742	9.0	25 14.49	1.6144	.0018	60 11 46.2	15.646	.141	8.11	59 1397
743	8.8	25 19.73	1.6315	.0014	59 55 0.8	15.650	.142	8.12	59 1398
744	8.6	26 32.45	1.6545	.0008	59 40 50.9	15.716	.143	8.11	59 1402
745	8.5	26 57.79	1.6331	.0013	60 6 41.6	15.739	.141	8.12	59 1403
746	9.1	9 29 3.51	+1.6801	—0.0001	—59 34 32.6	—15.852	—0.143	8.11	59 1409
747	8.6	29 27.02	1.6675	.0003	59 51 26.7	15.873	.142	8.12	59 1412
748	7.7	30 27.86	1.6566	.0006	60 11 25.2	15.927	.140	8.11	59 1414
749	7.2	31 39.67	1.6604	.0004	60 17 37.6	15.990	.139	8.12	60 1464
750	7.6	11 24 18.53	2.7126	+ .0393	60 4 57.5	19.802	.053	7.27	59 3485

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751	8.9	11h25m 0s.95	+2s.7181	+0s.0397	—60°11′45″.4	—19″.812	—0″.052	7.26	59°3496
752	9.0	26 59.41	2.7458	.0398	59 36 25.6	19.837	.049	7.27	59 3541
753	7.5	27 19.79	2.7350	.0412	60 39 52.1	19.842	.048	7.26	60 3002
754	7.5	27 24.49	2.7460	.0403	59 54 14.9	19.842	.048	7.27	59 3545
755	6.9	27 48.55	2.7372	.0417	60 51 51.8	19.847	.048	7.26	60 3011
756	8.1	11 28 3.77	+2.7482	+0.0410	—60 14 5.2	—19.850	—0.047	7.27	59 3556
757	8.3	28 21.28	2.7506	.0412	60 16 45.4	19.854	.047	7.26	60 3017
758	8.2	28 49.16	2.7532	.0416	60 26 20.7	19.860	.046	7.27	60 3028
759	8.5	30 19.35	2.7682	.0422	60 28 16.3	19.877	.044	7.26	60 3058
760	7.5	31 21.48	2.7799	.0423	60 22 17.0	19.888	.042	7.28	60 3069
761	6.8	11 32 12.44	+2.7827	+0.0436	—60 52 22.1	—19.898	—0.041	7.26	60 3090
762	8.2	32 40.86	2.8020	.0421	59 35 49.2	19.903	.040	7.27	59 3635
763	8.7	33 3.20	2.7960	.0434	60 28 45.2	19.906	.039	7.26	60 3159
764	9.1	12 53 24.81	3.6203	.0744	60 35 37.3	19.503	+ .130	7.27	60 4371
765	8.6	55 31.04	3.6323	.0736	60 11 20.6	19.460	.135	7.27	59 4634
766	7.8	12 55 56.97	+3.6317	+0.0730	—59 58 15.3	—19.450	+0.136	7.26	59 4640
767	7.5	56 59.07	3.6486	.0744	60 16 2.6	19.428	.139	7.27	59 4651
768	8.3	58 5.74	3.6774	.0772	60 55 41.0	19.404	.143	7.26	60 4395
769	8.2	58 10.63	3.6621	.0750	60 20 22.9	19.402	.142	7.27	60 4396
770	8.5	59 28.03	3.6616	.0734	59 47 12.8	19.374	.145	7.27	59 4700
771	8.8	13 0 6.92	+3.6892	+0.0767	—60 39 34.7	—19.359	+0.148	7.26	60 4419
772	8.4	0 34.24	3.6783	.0746	60 2 16.8	19.349	.148	7.27	59 4719
773	8.8	2 14.57	3.6906	.0745	59 52 36.3	19.310	.153	7.26	59 4735
774	9.2	2 38.80	3.7053	.0761	60 18 5.5	19.300	.154	7.27	60 4448
775	8.3	14 54 54.20	4.6417	.0817	59 30 46.6	14.485	.474	7.44	59 5773
776	9.2	14 54 55.97	+4.6742	+0.0841	—60 1 14.8	—14.483	+0.477	7.43	59 5774
777	9.3	55 29.46	4.7092	.0862	60 29 27.2	14.449	.482	7.44	60 5590
778	8.8	58 2.49	4.7304	.0860	60 31 36.6	14.294	.489	7.43	60 5597
779	9.4	58 40.29	4.7040	.0837	60 3 43.4	14.255	.488	7.44	59 5795
780	8.6	58 55.29	4.6695	.0811	59 30 6.4	14.240	.485	7.43	59 5798
781	8.5	14 59 17.80	+4.7159	+0.0841	—60 10 27.1	—14.217	+0.491	7.45	59 5801
782	8.9	15 1 31.04	4.7531	.0852	60 29 14.0	14.080	.499	7.43	60 5634
783	7.8	1 55.06	4.7804	.0869	60 50 22.6	14.055	.503	7.44	60 5637
784	9.0	3 17.42	4.7595	.0845	60 23 38.5	13.969	.504	7.43	60 5645
785	8.5	16 59 30.60	5.3361	.0380	60 19 2.7	5.229	.753	7.45	60 6695
786	9.5	17 0 14.50	+5.3607	+0.0380	—60 33 44.8	—5.167	+0.757	7.44	60 6699
787	8.4	0 54.06	5.2722	.0357	59 33 57.3	5.111	.745	7.45	59 6903
788	8.8	2 34.91	5.2896	.0350	59 42 56.7	4.970	.749	7.44	59 6907
789	8.6	2 41.40	5.3632	.0365	60 31 13.1	4.961	.760	7.45	60 6712
790	8.6	3 25.44	5.3765	.0364	60 38 34.0	4.899	.762	7.44	60 6718
791	8.8	17 4 3.75	+5.2712	+0.0337	—59 27 56.2	—4.844	+0.748	7.45	59 6909
792	9.3	4 41.52	5.3196	.0343	59 59 31.1	4.791	.755	7.44	59 6914
793	9.0	6 46.90	5.3640	.0340	60 25 15.4	4.613	.763	7.45	60 6725
794	9.1	6 56.84	5.2801	.0321	59 29 26.2	4.599	.751	7.44	59 6922
795	9.2	7 47.13	5.3699	.0334	60 27 33.0	4.528	.764	7.44	60 6727
796	9.0	18 59 19.32	+5.3304	—0.0353	—60 13 19.1	+5.131	+0.749	7.60	60 7253
797	9.2	19 1 24.42	5.3075	.0358	60 1 10.3	5.275	.744	7.61	60 7259
798	8.3	2 10.07	5.2583	.0353	59 29 54.9	5.370	.736	7.60	59 7448
799	8.3	2 16.08	5.2538	.0353	59 26 58.9	5.379	.736	7.59	59 7450
800	9.1	2 51.67	5.3028	.0369	60 1 18.7	5.429	.742	7.61	60 7268

N°	Mag.	A. R. 1925.0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Época 1930 +	C. P. D.
801	9.2	19h 2m54s.05	+5s.2183	−0s.0349	−59° 3′21″.3	+ 5″.432	+0″.730	7.59	59°7451
802	8.5	3 36.92	5.2693	.0365	59 40 6.9	5.492	.736	7.60	59 7453
803	7.9	4 0.58	5.3127	.0378	60 9 58.9	5.525	.742	7.59	60 7269
804	8.6	6 19.53	5.2746	.0383	59 48 51.3	5.720	.735	7.60	59 7461
805	9.0	8 36.77	5.2107	.0380	59 9 7.3	5.911	.723	7.61	59 7465
806	8.5	20 58 46.20	+4.6684	−0.0772	−59 13 48.8	+14.097	+0.478	7.61	59 7667
807	9.0	58 54.99	4.6903	.0788	59 35 22.4	14.106	.480	7.59	59 7668
808	9.1	59 42.27	4.6750	.0783	59 26 11.8	14.155	.476	7.61	59 7670
809	9.1	59 49.64	4.7363	.0826	60 22 59.6	14.163	.483	7.59	60 7445
810	9.2	21 0 16.07	4.7092	.0810	60 1 32.1	14.190	.479	7.61	60 7447
811	8.8	21 1 8.23	+4.6906	−0.0803	−59 50 10.0	+14.243	+0.475	7.59	60 7450
812	7.0	1 33.42	4.7176	.0825	60 17 33.6	14.269	.477	7.61	60 7451
813	9.2	2 40.44	4.6472	.0782	59 19 35.0	14.338	.467	7.59	59 7675
814	8.0	4 37.21	4.6577	.0802	59 42 44.1	14.456	.464	7.61	59 7677
815	8.5	22 54 38.77	3.7388	.0747	60 33 30.9	19.235	.145	7.76	60 7621
816	9.0	22 55 51.79	+3.7011	−0.0707	−59 34 0.0	+19.265	+0.141	7.78	59 7846
817	9.0	57 27.32	3.6933	.0713	59 51 58.8	19.303	.137	7.76	60 7623
818	10.0	58 16.92	3.6948	.0725	60 14 56.9	19.322	.135	7.78	60 7626
819	8.5	59 17.36	3.6769	.0710	59 55 13.3	19.346	.132	7.76	60 7627
820	8.2	23 0 55.20	3.6467	.0684	59 18 15.6	19.382	.127	7.78	59 7857
821	8.9	23 1 5.78	+3.6728	−0.0725	−60 29 2.3	+19.386	+0.128	7.76	60 7629
822	9.2	2 47.57	3.6561	.0720	60 29 27.3	19.423	.123	7.78	60 9630
823	8.6	3 4.24	3.6428	.0703	60 2 21.6	19.429	.122	7.76	60 7622
824	8.8	3 11.76	3.6298	.0685	59 31 8.4	19.432	.121	7.78	59 7862
825	8.1	4 6.35	3.6349	.0703	60 8 30.0	19.452	.120	7.76	60 7635
					— 75°				
826	8.8	0 13 48.34	+2.7850	−0.0837	−74 22 39.6	+20.008	−0.033	7.83	74 20
827	9.3	17 22.00	2.7106	.0784	74 23 34.9	19.987	.038	7.82	74 29
828	9.0	17 42.92	2.6795	.0814	75 17 41.8	19.985	.039	7.82	75 27
829	9.0	21 10.25	2.6050	.0752	75 14 24.9	19.959	.044	7.82	75 34
830	9.1	21 26.69	2.6179	0.0730	74 38 58.5	19.957	.044	7.82	74 35
831	8.9	0 22 11.29	+2.5967	−0.0723	−74 49 9.8	+19.951	−0.045	7.82	75 37
832	9.2	25 52.41	2.5036	.0670	75 11 9.6	19.917	.050	7.82	75 40
833	8.9	26 21.94	2.5309	.0643	74 11 43.6	19.912	.051	7.82	74 40
834	8.9	28 1.70	2.4817	.0625	74 34 52.5	19.895	.052	7.82	74 42
835	8.8	4 18 11.55	−1.6016	+ .1105	75 31 33.1	8.614	+ .207	8.05	75 26
836	9.6	4 22 49.85	−1.3897	+0.0994	−74 44 0.6	+ 8.246	+0.181	8.05	74 289
837	9.1	26 21.28	1.4025	.0913	74 40 34.3	7.964	.185	8.05	74 290
838	9.0	27 26.24	1.5251	.0961	75 2 14.1	7.878	.201	8.05	75 270
839	8.8	27 52.32	1.4750	.0931	74 52 5.2	7.842	.195	8.05	74 291
840	9.1	30 23.82	1.3776	.0861	74 29 5.5	7.639	.182	8.05	74 292
841	9.0	4 35 19.53	−1.3841	+0.0815	−74 22 44.7	+ 7.238	+0.184	8.05	74 294
842	8.5	37 18.68	1.4417	.0824	74 31 12.4	7.076	.194	8.05	74 297
843	8.0	8 19 58.85	0.9497	— .1044	74 46 33.6	−11.496	.118	8.07	74 500
844	9.0	21 2.44	1.0531	.1124	75 11 11.7	11.572	.130	8.07	75 498
845	9.5	24 9.61	1.1032	.1192	75 29 34.0	11.794	.135	8.07	75 499
846	6.9	8 26 6.26	−0.8432	−0.1031	−74 39 54.5	−11.931	+0.104	8.07	74 509
847	8.5	26 18.68	0.8187	.1016	74 34 59.8	11.945	.101	8.07	74 510
848	6.5	28 47.41	0.9299	.1118	75 6 29.5	12.119	.113	8.07	74 513
849	8.8	29 34.78	0.8086	.1040	74 42 8.0	12.174	.099	8.07	74 515
850	6.5	32 43.28	0.7401	.1021	74 35 50.7	12.391	.090	8.07	74 520

N°	Mag.	A. R. 1925,0	Prec.	Var. Sec.	Decl. 1925.0	Prec.	Var. Sec.	Época 1930 +	C. P. D.
851	8.7	8h36m49s.68	— 0s.8164	— 0s.1115	−75° 5′30″.0	−12″.671	+ 0″.098	8.07	74°528
852	8.0	38 47.19	0.7120	.1057	74 48 4.9	12.803	.085	8.05	74 531
853	9.0	11 54 5.32	+ 2.9445	+ .1034	74 57 34.4	20.038	— .003	7.26	74 863
854	8.2	12 1 6.42	3.0973	.1173	75 16 9.4	20.045	+ .011	7.26	74 875
855	9.8	2 28.73	3.1262	.1162	74 50 59.3	20.044	.014	7.26	74 877
856	8.8	12 3 10.39	+ 3.1437	+ 0.1216	−75 22 7.8	−20.043	+ 0.015	7.26	75 780
857	5.5	3 51.31	3.1564	.1191	74 56 59.1	20.042	.016	7.26	74 880
858	10.0	8 34.37	3.2693	.1346	75 44 5.3	20.031	.026	7.26	75 789
859	8.6	9 15.46	3.2717	.1265	74 49 7.9	20.028	.028	7.26	74 887
860	8.6	9 44.11	3.2939	.1352	75 36 17.0	20.027	.029	7.26	75 792
861	8.9	15 56 27.61	+ 7.5380	+ 0.2388	−75 35 45.2	−10.289	+ 0.948	7.38	75 1274
862	9.0	58 37.36	7.2696	.2106	74 38 5.8	10.126	.919	7.38	74 1516
863	9.0	16 1 28.42	7.3559	.2118	74 49 36.7	9.911	.936	7.38	74 1517
864	8.5	2 43.48	7.3803	.2112	74 51 51.6	9.816	.942	7.38	74 1520
865	8.8	2 53.08	7.3670	.2098	74 48 50.3	9.803	.941	7.38	74 1521
866	8.6	16 3 2.82	+ 7.4540	+ 0.2167	−75 5 45.8	− 9.791	+ 0.952	7.38	74 1522
867	8.9	7 15.25	7.6979	.2274	75 42 45.7	9.468	.993	7.38	75 1289
868	9.2	7 28.21	7.5040	.2110	75 6 26.4	9.451	.969	7.38	74 1528
869	9.1	9 54.46	7.4573	.2021	74 52 30.7	9.263	.955	7.36	74 1532
870	8.8	12 46.28	7.6842	.2134	75 29 55.1	9.040	1.004	7.36	75 1294
871	8.3	19 59 22.43	+ 7.3901	— 0.2165	−74 58 17.6	+ 9.975	+ 0.930	7.65	75 1572
872	9.6	59 46.78	7.5767	.2337	75 34 54.0	10.006	.953	7.65	75 1573
873	8.6	20 0 8.76	7.2254	.2042	74 25 59.0	10.033	.908	7.65	74 1874
874	9.0	4 11.86	7.3562	.2240	75 2 9.9	10.338	.914	7.65	75 1579
875	9.0	7 48.59	7.3192	.2286	75 2 59.1	10.608	.901	7.65	75 1587
876	9.3	20 7 49.60	+ 7.4647	— 0.2422	−75 31 29.2	+10.609	+ 0.919	7.65	75 1586
877	8.8	8 42.13	7.3620	.2345	75 13 37.2	10.674	.904	7.65	75 1589
878	9.2	11 26.31	7.2070	.2261	74 48 34.0	10.876	.878	7.65	74 1889
879	9.1	15 21.17	7.4116	.2546	75 39 1.4	11.162	.893	7.65	75 1606
880	9.0	17 9.66	7.0852	.2268	74 36 55.1	11.293	.848	7.65	74 1899
					— 90°				
881	8.7	0 12 18.9	— 0.293	+ 1.673	−88 46 47.6	+20.016	— 0.006	7.56-7.59	89 1
882	9.4	43 53.5	12.032	14.998	89 2 2.5	19.677	+ 0.310	7.56	89 3
883	9.1	1 1 24.2	14.108	14.255	88 49 14.3	19.330	0.536	7.56	89 5
884	9.3	23 28.7	60.607	151.138	89 34 19.0	18.731	3.142	7.56	89 11
885	9.2	27 9.5	21.696	20.956	88 51 9.2	18.612	1.167	7.56	89 6
886	9.9	3 39 13.6	−109.858	+129.017	−89 26 45.8	+11.548	+13.085	7.56	89 16
887	8.8	11 7 6.2	— 28.736	— 59.741	89 27 4.0	−19.516	0.963	7.59	89 33
889	9.6	21 25 57.3	+ 67.063	76.642	89 15 17.3	+15.682	6.082	7.56	89 50
890	7.2	22 2 10.9	50.177	59.010	89 12 2.1	+17.452	3.592	7.59	89 53

Tercer término de la precesión para las estrellas de — 75°

N°	α	δ	N°	α	δ	N°	α	δ	N°	α	δ	N°	α	δ	N°	α	δ
826	+0ˢ.160	−0″.13	836	−0ˢ.038	−0″.23	846	−0ˢ.092	+0″.21	856	+0ˢ.231	+0″.18	866	−0ˢ.154	+0″.93	876	−0ˢ.098	−1″.03
827	.153	.12	837	.030	.22	847	.090	.20	857	.211	.18	867	.189	.97	877	.090	1.01
828	.169	.12	838	.031	.23	848	.107	.22	858	.264	.20	868	.173	.91	878	.078	.97
829	.153	.10	839	.031	.23	849	.098	.21	859	.230	.20	869	.182	.88	879	.064	1.06
830	.144	.10	840	.025	.21	850	.100	.20	860	.260	.21	870	.210	.92	880	.051	.96
831	+0.144	−0.09	841	−0.019	−0.20	851	−0.116	+0.22	861	−0.129	+1.00	871	−0.131	−0.95			
832	.137	.09	842	.017	— .20	852	— .114	.20	862	.127	.90	872	.141	1.01			
833	.125	.10	843	.090	+ .22	853	+ .197	.15	863	.142	.91	873	.122	.90			
834	.121	.09	844	.099	.23	854	.222	.17	864	.149	.90	874	.112	.97			
835	.056	.26	845	.109	.24	855	.213	.18	865	.148	.90	875	.093	.98			