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Observ.

RESULTADO
DE LAS
OBSERVACIONES EN LA ZONA -37° A -61°
CON EL CÍRCULO MERIDIANO GAUTIER DURANTE EL AÑO 1914

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UNIVERSIDAD NACIONAL DE LA PLATA
OBSERVATORIO ASTRONÓMICO

RESULTADO

DE LAS

OBSERVACIONES EN LA ZONA -57° A -61°

CON EL CÍRCULO MERIDIANO GAUTIER DURANTE EL AÑO 1914

EFFECTUADAS POR

FÉLIX AGUILAR



TOMO II

LA PLATA
OBSERVATORIO ASTRONÓMICO

1916

UNIVERSIDAD NACIONAL DE LA PLATA

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ESTACIÓN METEOROLÓGICA Y SISMOLÓGICA EN SAN JUAN

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INTRODUCTION

More than forty years have elapsed since the *Astronomische Gesellschaft* formulated a plan for the determination by a uniform method of the exact position of all the stars to the ninth magnitude. This enormous undertaking has been fully realized as far as concerns the northern sky, but the relative scarcity of observatories in the southern hemisphere has delayed the execution of the work in this part of the heavens.

Our meritorious observatory at Cordoba may be justly proud of having cooperated so efficaciously in this enterprise. It has already completed the greater part of the extensive zone—from -22 to -52 degrees of declination which is reserved for it.

The Observatory of La Plata, through the initiative of the Director, Prof. W. J. Hussey, resolved to lend its aid reserving for this purpose the large Gautier Meridian Circle, in whose use the observers Delavan and Aguilar were to alternate.

Early in the year 1913 the work was begun by Astronomer Delavan with the zone from -52 to -57 degrees of declination.

On January 4th 1914 I began observations in the zone of the following five degrees which contains about 7500 stars. The results, the object of this publication, are those obtained during that year. Everything indicates that the work of observing necessary to finish the zone will be practically completed by the end of this year.

INTRODUCCIÓN

Más de cuarenta años han transcurrido desde que la *Astronomische Gesellschaft*, formuló el plan para la determinación con procedimiento uniforme de la posición exacta de todas las estrellas hasta la novena magnitud inclusive. Esta obra colosal ha sido realizada totalmente en lo que se refiere al cielo boreal. La relativa escasez de observatorios en el hemisferio sur ha retardado la ejecución del trabajo en esta parte del cielo.

Será motivo de justo orgullo para nuestro benemérito Observatorio de Córdoba el haber cooperado tan eficazmente en esta empresa. De la extensa zona que se ha reservado, -22 a -52 grados de declinación, tiene ya ejecutada gran parte del trabajo.

El Observatorio de La Plata, por iniciativa de su director, el profesor W. J. Hussey, ha resuelto prestar su ayuda, destinando a ese fin el gran Círculo Meridiano Gautier, en cuyo uso se alternan los observadores Delavan y Aguilar.

El trabajo fué iniciado con la zona de -52 a -57 grados de declinación, por el astrónomo Delavan a principios de 1913.

El 4 de enero de 1914 empecé las observaciones en la zona de 5 grados a continuación de la anterior y que contiene alrededor de 7500 estrellas. Los resultados, objeto de esta publicación, son los obtenidos durante ese año de trabajo. Todo indica que la tarea de observación que requiere esta zona estará prácticamente terminada al fin de este año.

Volume I of the Publications of this observatory contains a detailed description of the instrument employed.

The constants used have been :

Value of one revolution of the micrometer screw in R. A. = $3^{\circ}258$.

Value of one revolution of the micrometer screw in Declination = $14^{\circ}56$.

Value of one division of the striding level = $0^{\circ}066$.

METHOD OF OBSERVATION

The observations of the transits are made with a Repsold transit micrometer adapted to the instrument, and are registered on a cylinder chronograph with two pens. The chronograph was manufactured by Favarger and Co. For the measures of the declinations, the star is bisected before and after meridian passage, at points situated symmetrically with respect to the same and at a distance of five seconds from the central revolution. The four microscopes on the East pair are read, beginning with the lower on the north side and in a direction contrary to the movement of the hands of a watch. These microscopes are designated in the observation books by the letters A, B, C and D respectively.

During the observations the estimated magnitudes are compared from time to time with those in the C. P. D. as a precaution against possible changes in the transparency of the atmosphere.

The star lists for a night of observation include zones of two hours, and contain fundamental stars distributed as uniformly as possible, on an average of 3 per hour. The fundamental stars within the zone being scarce, it has been necessary to use some other stars near by, and selected in such a manner that the mean of the declination of the fundamentals in each zone approxi-

El tomo I de las Publicaciones de este observatorio contiene una detallada descripción del instrumento empleado.

Las constantes usadas han sido :

Paso del tornillo micrométrico en Ascensión Recta 1 rev. = $3^{\circ}258$.

Paso del tornillo micrométrico en Declinación 1 rev. = $14^{\circ}56$.

Nivel de caballete, una parte = $0^{\circ}066$.

MÉTODO DE OBSERVACIÓN

Las observaciones de pasajes son hechas con un micrómetro impersonal de Repsold, adaptado al instrumento y registrados en un cronógrafo de cilindro de dos plumas, de Favarger y Compañía. Para las de declinación se biseca la estrella antes y después del pasaje, en puntos simétricos respecto al mismo y a 5 segundos de la rotación central. Se leen los cuatro microscopios del Este, empezando con el Norte inferior y en sentido contrario del movimiento de las agujas de un reloj. Estos microscopios son designados en los libros de observación con las letras A, B, C y D respectivamente.

Durante las observaciones, las magnitudes estimadas son comparadas de tiempo en tiempo con las del C. P. D. para precaverse contra posibles cambios en la transparencia de la atmósfera.

Las listas de estrellas para una noche de observación comprenden zonas de dos horas y contienen estrellas fundamentales repartidas lo más uniformemente posible y en promedio a razón de 3 por hora. Siendo escaso el número de estrellas fundamentales dentro de la zona misma, ha sido necesario tomar algunas estrellas próximas y elegidas de modo que el promedio de las declinacio-

mates as nearly as possible the mean declination of the zone of observation.

At the beginning, at the end, and often in the middle of the night of observation, circumpolar, northern and zenith stars are taken, and observation of the nadir are made for determining the constants used in the reductions. The striding level is read occasionally as a check.

The atmosphere pressure is read every hour, using a Fortin barometer, which is 15 meters above sea level and the temperature every half hour, or more frequently if changes render it necessary. During the observation the thermometer is suspended in the aperture of the Meridian Circle Room, at the height of the objective when the same is directed toward the zone to be observed.

In the tables containing the meteorological date we use : B for the barometrical pressure in millimeters, the 7, which is common to all the readings, not being written; T for the centigrade thermometer adjoining the barometer and *t* for the out of doors thermometer.

Each night the errors of runs of the reading microscopes are determined.

REDUCTION OF THE OBSERVATIONS

Those who have taken part in the reductions are, besides the writer, Messers R. Boero, A. Castells, L. Garbarino, V. Manganiello, and M. Agabios. Miss C. Boschi has assisted in the reading of the cronograph sheets.

INSTRUMENTAL CONSTANTS

The collimation is obtained by reversal on a mire located 50 meters south of the instrument. The level constant is found by means of the na-

nes de las fundamentales de cada zona se aproxime lo más posible a la declinación media de la zona en observación.

Al principio y al fin y muchas veces en medio de cada noche de observación, se toman estrellas polares, boreales y zenitales y se hace observaciones del nadir para determinar las constantes para el cálculo. El nivel de caballete se lee a veces como control.

La presión atmosférica se toma cada hora, usando un barómetro Fortín, que está a 15 metros sobre el nivel del mar, y la temperatura cada media hora o más frecuentemente aún si cambios bruscos lo hacen necesario. El termómetro está suspendido durante las observaciones en la abertura de la sala meridiana a la altura del objetivo, cuando está dirigido a la zona que se observa.

En las planillas que contienen los elementos meteorológicos se designa con B la presión atmosférica en milímetros, no escribiendo el 7 que es común a todas las lecturas; con T el termómetro centígrado adjunto al barómetro y con *t* el termómetro externo.

Todas las noches de observación se determina el error de runs de los microscopios.

CÁLCULO DE LAS OBSERVACIONES

En el cálculo han tomado parte, además del subscripto, los señores R. Boero, A. Castells, L. Garbarino, V. Manganiello, M. Agabios y la señorita C. Boschi en la lectura de las bandas cronográficas.

CONSTANTES INSTRUMENTALES

La *colimación* se obtiene por inversión sobre una mira colocada a 50 metros al sur del instrumento. La *inclinación*, mediante observaciones

dir and checked by the use of the striding level. The value of n is determined by the observations of circumpolar stars of both culminations, or these combined with northern stars. The value of n used in the computations is that which corresponds to the mean temperature during the series.

a) *The Right Ascensions.* — Of the chronographic register of the transits is used the mean of the fourteen contacts next to and symmetrical to rotation 10 of the Right Ascension micrometer. This mean corrected for $(c - k) \sec \delta$ and for $n \tan \delta$ enables the value $\Delta t + m$ for the fundamental stars to be obtained.

The fundamental stars employed were selected from Prof. Auwers' *Fundamental-Catalog für Zonenbeobachtungen am Südhimmel und südlicher Polar-Catalog für die Epoche 1900*. Their positions are taken from the *Berliner Astronomisches Jahrbuch*, those being calculated in cases where the ephemerides are not given in that publication.

b) *The Declination.* — The mean of the four microscopes for the fundamental stars, corrected for refraction, for error of runs, and reduced to the origin of the instrumental declination, the zero of the declination micrometer, provides for the determination of the Equator Point.

The refraction correction has been computed by means of *Formeln und Hilfstafeln* of Albrecht, fourth edition, 1908.

c) *Reduction to Mean Place.* — The elements for the reduction to mean place have been obtained by interpolation from those of the *Berliner Astronomisches Jahrbuch*, the small lunar terms not having been taken into account.

del nadir y es controlada por el nivel de caballete. El valor de n se deduce de observaciones de estrellas circumpolares en ambas culminaciones o combinando éstas con estrellas boreales. El valor de n usado en los cálculos es el correspondiente a la temperatura media de la zona.

a) *Ascensiones rectas.* — Del registro cronográfico de los pasajes se utiliza el promedio de los 14 contactos próximos y simétricos a la rotación 10 del micrómetro en ascensión recta. Ese promedio corregido de $(c - k) \sec \delta$ y de $n \tan \delta$, permite obtener de las estrellas fundamentales el valor $\Delta t + m$.

Las estrellas fundamentales empleadas han sido elegidas del *Fundamental Catalog für Zonenbeobachtungen am Südhimmel und Südlicher Polar Catalog für die Epoche 1900* del profesor Auwers. Sus posiciones son sacadas del *Berliner Astronomisches Jahrbuch* y calculadas las de aquéllas para las cuales esa publicación no da efemérides.

b) *Declinaciones.* — El promedio de las lecturas de los cuatro microscopios para las estrellas fundamentales, corregido de la refracción, del error de runs y reducido al origen de las declinaciones instrumentales, rotación cero del micrómetro en declinación, permite obtener el *punto del Ecuador*.

La corrección debida a la refracción ha sido calculada mediante las *Formeln und Hilfstafeln* de Albrecht, cuarta edición, 1908.

c) *Reducción a posición media.* — Los elementos para la reducción a posición media han sido obtenidos por interpolación de los del *Berliner Astronomisches Jahrbuch* y no han sido tenidos en cuenta los pequeños términos lunares.

ESTRELLAS FUNDAMENTALES

ZONA 1 A

Fecha : Enero 4 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Rms.	Refr.	Lectura reducida	Punto del ecuador
1	α Argus	- 0.26	+ 21.48	+ 0.7	- 0.1	17.9	52° 36' 22.1	+ 2' 26.8
2	[Carinae 27 G]	- 0.30	21.49	- 0.2	+ 0.1	33.8	56 34 33.8	26.5
3	(141)	- 0.26	21.47	+ 1.2	+ 0.1	17.6	52 17 53.7	26.4
4	γ Argus	- 0.33	21.62	- 4.1	- 0.1	27.9	52 42 27.9	26.5

Elementos de reducción

$$e - k = - 0.03$$

$$n = + 0.16$$

$$\text{a } 6^{\text{h}} \text{ o } \Delta t + m = + 21.51$$

$$\text{Marcha horaria del reloj} = - 0.001$$

$$\text{Punto del ecuador adoptado} = + 2' 26.5$$

ZONA 2 A

Fecha : Enero 6 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Rms.	Refr.	Lectura reducida	Punto del ecuador
1	[δ Pictoris]	- 0.31	+ 21.56	+ 2.9	+ 0.1	30.3	54 54 28.8	+ 2' 24.9
2	α Pictoris	- 0.40	21.62	+ 0.4	+ 0.2	28.2	61 48 24.1	25.5
3	δ Volantis	- 0.53	21.73	+ 0.4	0	35.9	67 45 26.2	25.3
4	γ Argus	- 0.30	21.57	+ 1.3	- 0.2	17.9	52 42 30.9	24.3
5	ε Argus	- 0.37	21.51	+ 1.2	- 0.1	25.1	59 41 21.5	24.3
6	σ Carinae	- 0.38	21.54	+ 0.2	- 0.1	26.4	60 16 20.3	23.8

Elementos de reducción

$$e - k = - 0.04$$

$$n = + 0.17$$

$$\text{a } 6^{\text{h}} \text{ o } \Delta t + m = + 21.59$$

$$\text{Marcha horaria del reloj} = - 0.001$$

$$\text{Punto del ecuador adoptado} = + 2' 24.8$$

ZONA 3 A

Fecha : Enero 11 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Rms.	Refr.	Lectura reducida	Punto del ecuador
1	[δ Pictoris]	- 0.36	+ 21.34	- 0.9	0.	20.1	54 54 31.6	+ 2' 24.4
2	α Pictoris	- 0.45	21.55	- 0.7	+ 0.1	27.9	61 48 26.6	24.9
3	γ Argus	- 0.33	21.44	+ 1.0	+ 0.1	17.7	52 42 32.5	24.5

Elementos de reducción

$$e - k = - 0.07$$

$$n = + 0.17$$

$$\text{a } 6^{\text{h}} \text{ o } \Delta t + m = + 21.44$$

$$\text{Marcha horaria del reloj} = - 0.001$$

$$\text{Punto del ecuador adoptado} = + 2' 24.6$$

ZONA 4 A

Fecha : Enero 18 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[δ Pictoris]	- 0.38	+ 20.71	+ 2.8	- 0.1	20.1	54° 54' 32.1	+ 2' 25.3
2	γ Pictoris	- 0.47	20.82	+ 0.3	- 0.2	28.1	61 48 28.4	25.6
3	δ Volantis			+ 0.4	0	37.0	67 45 30.7	25.3
4	γ Argus	- 0.35	20.78	0	- 0.2	17.8	52 42 34.0	25.6
5	δ Argus			+ 1.0	- 0.1	25.1	59 11 24.7	25.7
6	δ Argus			- 0.2	- 0.1	19.7	54 21 3.1	25.8

Elementos de reducción

$$e - k = - 0.09$$

$$n = + 0.15$$

$$a \text{ b}^{\text{h}} \Delta t + m = + 20.77$$

$$\text{Marcha horaria del reloj} = - 0.002$$

$$\text{Punto del ecuador adoptado} = + 2' 25.5$$

ZONA 5 A

Fecha : Enero 20 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	γ Argus	- 0.29	+ 20.65	- 1.6	- 0.1	17.6	52° 36' 29.0	+ 2' 25.2
2	[Carinae 27 G]	- 0.33	20.66	+ 0.3	0	21.9	56 34 42.5	23.6
3	(141)	- 0.29	20.73	+ 0.4	+ 0.1	17.3	52 18 2.6	24.1
4	δ Argus	- 0.35	20.55	0	- 0.1	24.9	59 11 27.3	23.8

Elementos de reducción

$$e - k = - 0.10$$

$$n = + 0.10$$

$$a \text{ b}^{\text{h}} \Delta t + m = + 20.65$$

$$\text{Marcha horaria del reloj} = - 0.003$$

$$\text{Punto del ecuador adoptado} = + 2' 24.0$$

ZONA 6 A

Fecha : Enero 26 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	γ Argus	- 0.44	+ 20.49	+ 0.7	- 0.1	18.1	52° 36' 28.7	+ 2' 27.3
2	[Carinae 27 G]	- 0.51	20.43	+ 0.4	0	22.6	56 34 41.8	26.4
3	(141)	- 0.44	20.35	+ 1.2	+ 0.1	17.8	52 18 2.1	26.8
4	δ Argus	- 0.54	20.53	- 1.2	- 0.1	25.6	59 11 27.5	25.9
5	ϵ Carinae	- 0.57	20.59	- 0.6	- 0.1	26.9	60 16 26.7	25.1
6	γ Argus	- 0.47	20.38	- 1.2	0	20.4	54 36 4.5	25.8
7	ϵ Argus	- 0.69	20.50	- 0.7	- 0.1	32.5	64 37 48.8	26.5

Elementos de reducción

$$e - k = - 0.11$$

$$n = + 0.18$$

$$a \text{ b}^{\text{h}} \Delta t + m = + 20.48$$

$$\text{Marcha horaria del reloj} = - 0.004$$

$$\text{Punto del ecuador adoptado} = + 2' 26.3$$

ZONA 7 A

Fecha : Enero 27 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[δ Pictoris]	- 0.50	+ 20.47	+ 0.6	0	20.3	54° 54' 34.5	+ 2' 25.6
2	α Pictoris			- 0.9	+ 0.1	28.3	61 48 30.9	26.1
3	δ Volantis	- 0.81	20.59	- 0.7	0	36.0	67 45 33.5	25.7
4	α Argus	- 0.46	20.53	- 0.6	- 0.1	18.0	52 42 37.6	25.2
5	δ Argus	- 0.46	20.43	0	0	19.7	54 21 7.3	25.0
6	α Argus	- 0.46	20.33	+ 0.4	0	20.0	54 36 5.8	24.9
7	ϵ Argus	- 0.70	20.48	+ 0.6	- 0.1	31.9	64 37 50.4	25.3
8	[α Argus]	- 0.48	20.42	0	- 0.1	19.5	54 6 58.8	25.3

Elementos de reducción

$e - k = - 0.11$
 $n = + 0.21$
 a 6^h0 $\Delta t + m = + 20.47$

Marcha horaria del reloj = - 0.004
 Punto del ecuador adoptado = + 2' 25.4

ZONA 8 A

Fecha : Enero 28 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Argus	- 0.36	+ 20.14	+ 1.0	- 0.1	17.8	52° 36' 31.2	+ 2' 25.4
2	[Carinae 27 G]	- 0.40	20.18	+ 0.7	0	22.1	56 34 44.0	24.8
3	(141)	- 0.36	20.06	- 0.6	+ 0.1	17.5	52 18 4.9	24.5
4	ϵ Argus			- 0.3	- 0.1	25.1	59 11 29.8	24.4
5	α Argus	- 0.39	20.22	- 1.2	0	20.0	54 36 6.7	24.3

Elementos de reducción

$e - k = - 0.11$
 $n = + 0.14$
 a 6^h0 $\Delta t + m = + 20.16$

Marcha horaria del reloj = - 0.004
 Punto del ecuador adoptado = + 2' 24.5

ZONA 9 A

Fecha : Febrero 1º de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Argus	+ 0.09	+ 19.84	+ 1.2	0	18.2	52° 40' 6.9	- 1' 9.2
2	[Carinae 27 G]	+ 0.11	19.87	- 1.0	- 0.1	22.7	56 38 20.4	10.3
3	(141)	+ 0.10	19.85	+ 0.3	+ 0.2	17.9	52 21 41.3	10.6
4	ϵ Argus			- 0.4	0	25.7	59 15 6.2	10.5

Elementos de reducción

$e - k = + 0.08$
 $n = + 0.02$
 a 6^h0 $\Delta t + m = + 19.85$

Marcha horaria del reloj = - 0.004
 Punto del ecuador adoptado = - 1' 10.4
 Lectura del Nadir = 214° 55' 40.0

ZONA 10 A

Fecha : Febrero 2 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Argus	+ 0.09	+ 19.80	+ 0.3	0"	17.9	52°40' 7.1	- 1' 9.2
2	[Carinae 27 G]			+ 0.7	0	22.3	56 38 20.9	10.6
3	(141)	+ 0.10	19.75	- 0.3	0	17.6	52 21 41.7	10.6
4	ϵ Argus	+ 0.10	19.83	- 2.8	0	25.3	59 15 6.5	10.8
5	α Argus	+ 0.09	19.57	+ 0.7	0	20.0	54 39 43.3	10.8
6	[ϵ Argus]	+ 0.09	19.71	+ 0.3	0	19.5	54 10 37.3	11.0

Elementos de reducción

$$c - k = + 0.08$$

$$n = + 0.07$$

$$a 6^b o \Delta t + m = + 19.74$$

$$\text{Marcha horaria del reloj} = - 0.004$$

$$\text{Punto del ecuador adoptado} = - 1' 10.6$$

ZONA 11 A

Fecha : Febrero 4 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[δ Pictoris]	- 0.05	+ 19.58	+ 0.7	0"	20.6	54°58' 12.5	- 1' 10.2
2	α Pictoris	- 0.07	19.61	- 1.3	0	28.7	61 52 9.2	9.8
3	δ Volantis			+ 0.2	0	36.6	67 49 12.3	10.5
4	γ Argus	- 0.04	19.65	+ 1.8	0	18.2	52 46 16.4	10.7
5	ϵ Argus	- 0.07	19.81	+ 0.2	0	25.6	59 15 7.6	10.8
6	ϵ Carinae	- 0.07	19.54	- 1.5	0	26.9	60 20 6.7	11.5
7	ϵ Argus	- 0.09	19.66	+ 0.4	0	32.3	64 41 30.7	11.8

Elementos de reducción

$$c - k = + 0.08$$

$$n = + 0.13$$

$$a 6^b o \Delta t + m = + 19.65$$

$$\text{Marcha horaria del reloj} = - 0.005$$

$$\text{Punto del ecuador adoptado} = - 1' 10.5$$

ZONA 12 A

Fecha : Febrero 8 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Argus	+ 0.04	+ 18.88	- 0.4	0"			
2	[Carinae 27 G]	+ 0.03	18.79	- 0.7	+ 0.1	17.9	52°40' 9.9	- 1' 10.5
3	(141)	+ 0.04	18.87	- 0.4	- 0.1	22.3	56 38 22.9	10.6
4	ϵ Argus			- 0.6	0	17.6	52 21 43.7	10.6
						25.4	59 15 8.9	10.7

Elementos de reducción

$$c - k = + 0.08$$

$$n = + 0.07$$

$$a 6^b o \Delta t + m = + 18.86$$

$$\text{Marcha horaria del reloj} = - 0.005$$

$$\text{Punto del ecuador adoptado} = - 1' 10.6$$

Z O N A 1 3 A

Fecha : Febrero 9 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[δ Pictoris].....	- 0.02	+ 18.84	- 0.7	+ 0.2	20.5	54° 58' 13.8	- 1' 10.4
2	α Pictoris.....	- 0.04	18.83	+ 0.6	- 0.2	28.5	61 52 10.3	9.5
3	β Volantis.....	- 0.06	18.88	+ 2.5	+ 0.1	36.3	67 49 13.7	10.3
4	γ Argus.....			+ 0.7	- 0.1	18.1	52 46 17.0	9.7
5	δ Argus.....	- 0.02	18.83	- 0.3	+ 0.1	19.9	54 24 48.2	11.2
6	ϵ Argus.....	- 0.05	18.86	+ 0.4	- 0.1	32.2	64 41 31.2	10.4
7	[ϵ Argus].....	- 0.02	18.79	+ 1.0	0	19.7	54 10 39.5	10.4

Elementos de reducción

$c - k = + 0.08$
 $n = + 0.13$
 $a 6^h \Delta t + m = + 18.85$

Marcha horaria del reloj = - 0.005
 Punto del ecuador adoptado = - 1' 10.4

Z O N A 1 4 A

Fecha : Febrero 10 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[δ Pictoris].....	- 0.03	+ 18.61	- 0.4	0	20.5	54° 58' 14.4	- 1' 10.9
2	α Pictoris.....	- 0.05	18.82	- 0.6	0	28.5	61 52 11.4	10.3
3	β Volantis.....			+ 0.2	0	36.2	67 49 13.5	9.7
4	γ Argus.....	- 0.02	18.75	+ 1.5	0	18.0	52 46 19.1	11.4
5	ϵ Argus.....	- 0.04	18.77	+ 1.3	0	25.3	59 15 10.4	11.4
6	c Carinae.....	- 0.04	18.82	+ 0.2	0	26.6	60 20 10.0	12.6
7	α Argus.....	- 0.03	18.71	0	0	20.1	54 39 47.8	11.9
8	ϵ Argus.....	- 0.06	18.70	- 0.3	0	32.0	64 41 32.2	10.9

Elementos de reducción

$c - k = + 0.08$
 $n = + 0.14$
 $a 6^h \Delta t + m = + 18.75$

Marcha horaria del reloj = - 0.005
 Punto del ecuador adoptado = - 1' 11.0
 Lectura del Nadir = 214° 55' 25.1

ZONA 15 A

Fecha : Febrero 11 de 1914.

N°	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Argus	+ 0.01	+ 18.59	+ 0.3	0"	17.8	52° 40' 11.4	- 1' 11.3
2	[Carinae 27 G]	0	18.57	- 0.4	0	22.2	56 38 24.1	11.1
3	(141)	+ 0.01	18.58	+ 0.9	0	17.5	52 21 45.3	11.4
4	β Argus	- 0.01	18.62	+ 0.3	0	25.2	59 15 10.9	11.6
5	δ Argus	0	18.42	+ 0.3	0	19.7	54 24 49.4	11.7
6	γ Argus	0	18.43	- 0.2	0	20.0	54 39 48.0	11.7
7	[γ Argus]	0	18.42	+ 2.5	0	19.4	54 10 41.4	11.7

Elementos de reducción

$c - k = + 0.08$
 $n = + 0.10$
 a 6^h0 $\Delta t + m = + 18.53$

Marcha horaria del reloj = - 0.005
 Punto del ecuador adoptado = - 1' 11.5

ZONA 16 A

Fecha : Febrero 15 de 1914.

N°	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	δ Volantis	- 0.24	+ 18.36	0"	0"	36.3	67° 49' 18.9	- 1' 13.7
2	γ Argus	- 0.12	18.14	0	0	18.1	52 46 24.4	15.3
3	β Argus	- 0.15	18.20	+ 0.4	0	25.4	59 15 16.0	15.4
4	ϵ Carinae	- 0.17	18.24	0	0	26.7	60 20 15.5	16.3
5	α Argus	- 0.13	18.00	+ 0.7	0	20.1	54 39 53.3	15.6
6	ϵ Argus	- 0.21	18.02	- 0.3	0	32.1	64 41 37.9	14.7
7	[γ Argus]	- 0.12	18.04	+ 0.3	0	19.6	54 10 46.0	14.7
8	δ Carinae	- 0.15	18.11	- 0.2	0	24.3	58 19 16.0	15.0
9	θ Argus			+ 0.6	0	31.2	63 57 51.3	14.7

Elementos de reducción

$c - k = + 0.07$
 $n = + 0.18$
 a 7^h0 $\Delta t + m = + 18.15$

Marcha horaria del reloj = - 0.005
 Punto del ecuador adoptado = - 1' 15.0

ZONA 17 A

Fecha : Febrero 16 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[Carinae 17 G]	- 0.14	+ 18.01	+ 0.3	- 0.1	22.2	56° 38' 28.9	- 1' 14.6
2	z Argus	- 0.11	18.12	+ 0.7	+ 0.1	18.0	52 46 23.9	14.5
3	z Argus	- 0.15	17.93	- 0.9	0	25.2	59 15 16.3	15.4
4	c Carinae	- 0.16	17.96	0	0	26.5	60 20 15.1	15.5
5	[N. Velorum]	- 0.16	18.08	0	0	22.3	56 40 34.6	15.4
6	[z Argus]	- 0.12	17.87	- 0.3	0	19.5	54 10 46.7	15.1
7	s Carinae	- 0.15	17.88	+ 0.7	- 0.1	24.1	58 19 16.7	15.4
8	b Argus			0	+ 0.1	31.0	63 57 51.9	14.9

Elementos de reducción

$$\begin{aligned}
 c - k &= + 0.07 \\
 n &= + 0.19 \\
 a \text{ } \gamma^b \text{ } \Delta t + m &= + 17.99
 \end{aligned}$$

$$\begin{aligned}
 \text{Marcha horaria del reloj} &= - 0.005 \\
 \text{Punto del ecuador adoptado} &= - 1' 15.0
 \end{aligned}$$

ZONA 18 A

Fecha : Febrero 24 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[Carinae 27 G]	- 0.01	+ 16.39	- 0.7	- 0.1	22.6	56° 38' 27.2	- 1' 11.0
2	z Argus			0	+ 0.1	18.3	52 46 21.9	10.2
3	z Argus	- 0.01	16.33	+ 0.3	0	25.8	59 15 13.7	10.2
4	c Carinae	- 0.01	16.42	+ 0.7	0	27.1	60 20 13.7	11.3
5	z Argus	0	16.36	+ 0.7	0	20.5	54 39 52.3	11.4
6	r Argus	- 0.02	16.38	+ 1.2	+ 0.1	32.6	64 41 36.6	10.0
7	[z Argus]	+ 0.01	16.35	+ 0.6	0	19.9	54 10 44.8	10.3

Elementos de reducción

$$\begin{aligned}
 c - k &= + 0.07 \\
 n &= + 0.11 \\
 a \text{ } \gamma^b \text{ } \Delta t + m &= + 16.39
 \end{aligned}$$

$$\begin{aligned}
 \text{Marcha horaria del reloj} &= - 0.008 \\
 \text{Punto del ecuador adoptado} &= - 1' 10.5
 \end{aligned}$$

ZONA 19 A

Fecha : Febrero 25 de 1914.

N°	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[Carinae 27 G]	- 0.13	+ 16.56	- 1.5	- 0.1	22.5	56° 38' 27.6	- 1' 11.2
2	z Argus	- 0.11	16.60	+ 4.7	+ 0.1	18.2	52 46 23.6	11.7
3	z Argus	- 0.15	16.53	- 0.7	0	25.5	59 15 15.3	11.5
4	z Argus	- 0.13	16.42	+ 1.5	0	20.3	54 39 52.1	10.9
5	[N. Velorum]	- 0.15	16.64	- 0.2	0	22.0	56 40 33.3	10.8
6	[z Argus]	- 0.14	16.40	+ 0.9	0	19.7	54 10 46.3	11.4
7	z Carinae	- 0.14	16.40	+ 0.9	- 0.1	24.4	58 19 15.4	11.0
8	z Argus	- 0.22	16.49	+ 0.4	+ 0.2	31.4	63 57 52.4	11.9

Elementos de reducción

$$c - k = + 0.07$$

$$n = + 0.18$$

$$a 7^h 0 \Delta t + m = + 16.52$$

$$\text{Marcha horaria del reloj} = - 0.008$$

$$\text{Punto del ecuador adoptado} = - 1' 11.3$$

$$\text{Lectura del Nadir} = 214^\circ 55' 40.8$$

ZONA 20 A

Fecha : Marzo 3 de 1914.

N°	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	c Carinae	- 0.71	+ 14.94	- 0.2	+ 0.1	26.6	60° 16' 40.0	+ 2' 24.7
2	z Argus	- 0.58	14.80	- 0.2	+ 0.1	20.1	54 36 17.6	25.6
3	v Argus	- 0.86	15.00	- 0.7	+ 0.1	32.1	64 38 2.3	26.8
4	[z Argus]	- 0.58	14.88	+ 0.7	+ 0.1	19.6	54 7 11.0	25.9
5	z Carinae	- 0.66	14.84	+ 0.4	0	24.3	58 15 40.5	26.3
6	z Argus	- 0.83	14.93	- 0.7	- 0.1	31.2	63 54 17.0	25.8

Elementos de reducción

$$c - k = - 0.11$$

$$n = + 0.29$$

$$a 8^h 0 \Delta t + m = + 14.92$$

$$\text{Marcha horaria del reloj} = - 0.010$$

$$\text{Punto del ecuador adoptado} = + 2' 25.9$$

$$\text{Lectura del Nadir} = 214^\circ 52' 27.9$$

ZONA 21 A

Fecha : Marzo 8 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ζ Argus.....	- 0.44	+ 12.92					
2	ε Argus	- 0.55	12.90	+ 0.7	+ 0.1	25.6	59° 11' 40.7	+ 2' 26.2
3	c Carinae	- 0.57	12.82	0	+ 0.1	26.9	60 16 40.0	26.2
4	ζ Argus.....	- 0.47	12.74	0	+ 0.1	20.4	54 36 18.1	26.7
5	[ζ Argus].....	- 0.47	12.78	0	+ 0.1	19.8	54 7 14.1	24.5
6	θ Argus.....	- 0.65	12.80	0	- 0.1	31.3	63 54 18.3	26.3
7	π Centauri.....			+ 3.6	- 0.1	19.6	53 58 52.2	26.1
8	λ Centauri	- 0.62	12.88	+ 0.4	0	29.5	62 30 17.5	26.8
9	[Centauri 65 G].....	- 0.57	12.89					
10	[σ Crueis].....	- 0.53	12.81	- 0.4	- 0.1	24.4	58 13 52.6	27.6

Elementos de reducción

$$\begin{aligned}
 e - k &= - 0.12 \\
 n &= + 0.19 \\
 a \ 8^h 0 \ \Delta t + m &= + 12.88
 \end{aligned}$$

$$\begin{aligned}
 \text{Marcha horaria del reloj} &= - 0.010 \\
 \text{Punto del ecuador adoptado} &= + 2' 26.4
 \end{aligned}$$

ZONA 22 A

Fecha : Marzo 9 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ζ Argus.....	- 0.44	+ 12.71	+ 1.3	0.	18.3	57° 42' 47.1	+ 2' 27.8
2	ε Argus	- 0.54	12.60	- 0.2	0	25.6	59 11 39.1	28.0
3	c Carinae	- 0.57	12.69	+ 0.7	0	26.9	60 16 38.8	27.7
4	ζ Argus	- 0.46	12.52	+ 0.2	0	20.3	54 36 17.4	27.6
5	[ζ Argus].....	- 0.46	12.68	- 0.4	0	19.7	54 7 10.9	28.0
6	κ Carinae.....	- 0.52	12.63	- 0.4	0	24.3	58 15 41.4	27.6
7	θ Argus	- 0.65	12.58	+ 0.3	0	31.2	63 54 17.1	28.0

Elementos de reducción

$$\begin{aligned}
 e - k &= - 0.12 \\
 n &= + 0.19 \\
 a \ 8^h 0 \ \Delta t + m &= + 12.66
 \end{aligned}$$

$$\begin{aligned}
 \text{Marcha horaria del reloj} &= - 0.010 \\
 \text{Punto del ecuador adoptado} &= + 2' 27.9 \\
 \text{Lectura del Nadir} &= 214^{\circ} 52' 27.7
 \end{aligned}$$

ZONA 23 A

Fecha : Marzo 10 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ζ Argus	- 0.52	+ 12.45	+ 0.9	- 0.1	18.3	52° 42' 46.7	+ 2' 28.5
2	η Argus	- 0.53	12.32	- 1.0	0	25.7	59 11 39.9	27.5
3	δ Argus	- 0.44	12.33	+ 1.2	- 0.1	20.1	54 21 17.9	28.3
4	ϵ Carinae	- 0.55	12.37	+ 1.8	0	27.0	60 16 39.4	27.4
5	ζ Argus	- 0.45	12.28	+ 1.8	0	20.3	54 36 17.3	28.1
6	ν Argus	- 0.65	12.23	- 0.6	- 0.1	32.3	64 38 3.3	28.3
7	δ Carinae	- 0.50	12.18	- 0.4	0	24.4	58 15 41.6	27.7
8	θ Argus	- 0.63	12.34	- 0.6	0	31.3	63 54 17.9	27.5
9	(209)	- 0.54	12.21	- 0.4	+ 0.1	24.7	58 28 12.9	27.7
10	τ Centauri	- 0.44	12.26	+ 4.7	+ 0.1	20.6	53 58 52.7	26.3
11	λ Centauri	- 0.59	12.21	- 0.6	0	29.5	62 30 17.1	28.0
12	δ Centauri	- 0.39	12.18	- 0.4	- 0.1	15.5	50 12 16.6	27.9

Elementos de reducción

$$e - k = - 0.12$$

$$n = + 0.19$$

$$a \text{ } 8^{\text{h}} \text{ } \Delta t + m = + 12.30$$

$$\text{Marcha horaria del reloj} = - 0.012$$

$$\text{Punto del ecuador adoptado} = + 2' 27.8$$

$$\text{Lectura del Nadir} = 214^{\circ} 51' 58.7$$

ZONA 24 A

Fecha : Marzo 15 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ζ Argus	- 0.68	+ 10.94	+ 0.3	0	25.3	59° 11' 43.4	+ 2' 26.1
2	η Argus	- 0.58	10.93	- 0.4	0	19.8	54 21 21.0	26.4
3	ζ Argus	- 0.58	10.79	+ 0.4	+ 0.1	20.1	54 36 20.3	26.5
4	ν Argus	- 0.84	10.92	- 0.4	+ 0.1	32.0	64 38 6.3	26.9
5	[ζ Argus]	- 0.57	10.76	+ 1.0	+ 0.1	19.6	54 7 14.2	26.6
6	θ Argus	- 0.81	10.84	- 0.3	0	31.1	63 54 20.6	26.6
7	(209)	- 0.67	10.77	- 0.7	- 0.1	24.5	58 28 15.7	26.7
8	λ Centauri	- 0.77	10.91	- 1.3	0	29.4	62 30 20.0	26.9
9	δ Centauri	- 0.51	10.73					

Elementos de reducción

$$e - k = - 0.13$$

$$n = + 0.26$$

$$a \text{ } 8^{\text{h}} \text{ } \Delta t + m = + 10.87$$

$$\text{Marcha horaria del reloj} = - 0.012$$

$$\text{Punto del ecuador adoptado} = + 2' 26.6$$

$$\text{Lectura del Nadir} = 214^{\circ} 52' 2.2$$

ZONA 25 A

Fecha : Marzo 16 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ε Argus.....	- 0.71	+ 10.61	- 0.6	0	25.2	59° 11' 43.0	+ 2' 25.8
2	e Carinae.....	- 0.73	10.58	- 0.6	0	26.5	60 16 43.2	25.2
3	z Argus.....	- 0.61	10.51	0	0	20.0	54 36 21.4	25.6
4	v Argus.....	- 0.88	10.60	- 0.2	0	31.8	64 38 7.1	26.4

Elementos de reducción

$c - k = - 0.13$
 $n = + 0.27$
 $a \text{ } 8^{\text{b}} \Delta t + m = + 10.59$

Marcha horaria del reloj = - 0.014
 Punto del ecuador adoptado = + 2' 26.0
 Lectura del Nadir = 214° 52' 1.3

ZONA 26 A

Fecha : Marzo 22 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ε Argus.....	- 0.67	+ 8.68					
2	δ Argus.....	- 0.58	8.61	- 0.7	0	19.7	54° 21' 21.4	+ 2' 27.5
3	z Argus.....	- 0.58	8.56	+ 1.5	0	20.0	54 36 21.9	26.7
4	v Argus.....	- 0.82	8.68	+ 0.4	+ 0.1	31.8	64 38 8.1	27.3
5	[z Argus].....	- 0.56	8.59	- 0.6	+ 0.1	19.5	54 7 15.8	27.0
6	s Carinae.....	- 0.64	8.57	0	0	24.1	58 15 45.6	27.6
7	θ Argus.....	- 0.80	8.61	+ 1.0	- 0.1	30.9	63 54 22.5	27.1
8	(209).....	- 0.66	8.53	+ 0.7	- 0.1	24.4	58 28 17.4	27.3
9	π Centauri.....	- 0.56	8.52	+ 0.6	- 0.1	18.9	53 58 56.5	26.5
10	λ Centauri.....	- 0.75	8.50	- 0.2	0	29.2	62 30 21.9	27.5
11	δ Centauri.....	- 0.50	8.40	- 0.3	+ 0.1	15.3	50 12 20.9	27.4

Elementos de reducción

$c - k = - 0.14$
 $n = + 0.23$
 $a \text{ } 8^{\text{b}} \Delta t + m = + 8.62$

Marcha horaria del reloj = - 0.015
 Punto del ecuador adoptado = + 2' 27.3
 Lectura del Nadir = 214° 52' 2.8

ZONA 27 A

Fecha : Marzo 24 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Argus	- 0.63	+ 8.06	- 1.2	- 0.1	25.9	59° 11' 42.4	+ 2' 28.0
2	ϵ Carinae	- 0.66	7.95	- 0.6	- 0.1	27.3	60 16 42.1	28.2
3	γ Argus	- 0.55	7.88	0	- 0.1	20.7	54 36 20.4	28.6
4	ν Argus	- 0.77	8.06					
5	δ Carinae	- 0.61	8.03	- 0.3	0	25.0	58 15 44.9	29.0
6	θ Argus	- 0.75	8.11	+ 1.5	+ 0.1	32.0	63 54 21.0	29.3

Elementos de reducción

$$c - k = -0.15$$

$$n = +0.21$$

$$a \ 8^h \ 0 \ \Delta t + m = +8.04$$

$$\text{Marcha horaria del reloj} = -0.015$$

$$\text{Punto del ecuador adoptado} = +2' 28.8$$

$$\text{Lectura del Nadir} = 214^\circ 52' 1.0$$

ZONA 28 A

Fecha : Marzo 25 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ϵ Carinae	- 0.88	+ 7.94	+ 0.7	- 0.1	28.0	60° 16' 42.4	+ 2' 28.1
2	γ Argus	- 0.72	7.80	+ 0.4	- 0.1	20.7	54 36 20.1	29.1
3	ν Argus	- 1.04	8.01	- 0.3	- 0.2	33.0	64 38 6.6	29.7
4	[γ Argus]	- 0.71	7.83	- 0.2	- 0.1	20.2	54 7 14.4	29.2
5	δ Carinae	- 0.82	7.82	0	0	25.0	58 15 44.9	29.3
6	θ Argus	- 1.01	7.92	+ 0.6	+ 0.1	32.0	63 54 21.8	28.7
7	(209)	- 0.82	7.86	- 0.4	+ 0.1	25.3	58 28 17.2	28.5
8	π Centauri	- 0.71	7.81	- 0.2	+ 0.1	20.0	53 58 55.6	28.4
9	γ Centauri	- 0.96	7.97	- 0.4	0	30.2	62 30 21.5	29.0
10	δ Centauri	- 0.63	7.75	+ 0.3	- 0.1	15.9	50 12 19.6	29.6

Elementos de reducción

$$c - k = -0.15$$

$$n = +0.33$$

$$a \ 8^h \ 0 \ \Delta t + m = +7.91$$

$$\text{Marcha horaria del reloj} = -0.015$$

$$\text{Punto del ecuador adoptado} = +2' 29.1$$

$$\text{Lectura del Nadir} = 214^\circ 52' 0.2$$

ZONA 29 A

Fecha : Marzo 29 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ζ Argus	- 0.56	+ 6.20	+ 1.3	0.	20.1	54° 21' 21.7	+ 2' 28.5
2	z Argus	- 0.56	6.20	+ 0.7	0	20.4	54 36 22.7	27.5
3	v Argus.....	- 0.81	6.28	- 0.3	+ 0.1	32.5	64 38 9.2	28.2
4	[ζ Argus].....	- 0.56	6.19	+ 1.5	- 0.1	19.9	54 7 16.5	28.1
5	s Carinae.....	- 0.64	6.21	- 0.2	0	24.7	58 15 46.9	28.4
6	θ Argus	- 0.79	6.12	- 0.4	0	31.7	63 54 23.9	27.9
7	(209).....	- 0.64	6.11	- 0.2	+ 0.1	24.9	58 28 19.3	27.7
8	π Centauri.....	- 0.56	6.09	+ 3.2	0	19.6	53 58 56.7	28.6
9	λ Centauri.....	- 0.74	6.15	- 0.6	0	29.9	62 30 24.0	27.9
10	δ Centauri.....			+ 0.3	- 0.1	15.6	50 12 22.2	28.2

Elementos de reducción

$c - k = -0.16$
 $n = +0.21$
 a 8^h0 $\Delta t + m = +6.21$

Marcha horaria del reloj = -0.016
 Punto del ecuador adoptado = +2' 28.2
 Lectura del Nadir = 214° 52' 21.5

ZONA 30 A

Fecha : Abril 2 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	s Carinae.....	- 0.04	+ 4.90	+ 0.4	- 0.1	24.5	58° 19' 25.3	- 1' 8.9
2	θ Argus	- 0.06	4.78	+ 1.2	+ 0.2	31.6	63 58 2.2	9.1
3	(209).....	- 0.04	4.90	+ 1.5	+ 0.2	24.9	58 31 58.6	10.4
4	π Centauri.....	- 0.02	4.87					
5	λ Centauri.....	- 0.06	4.90	0	- 0.2	29.9	62 34 2.6	9.4
6	δ Centauri.....	- 0.01	4.92	+ 1.0	+ 0.1	14.6	50 16 0.3	8.7
7	β Crucis.....	- 0.05	4.84	+ 2.5	- 0.1	25.7	59 14 29.8	8.8
8	[α Muscae].....			0	+ 0.2	36.1	67 27 40.9	8.7

Elementos de reducción

$c - k = +0.13$
 $n = +0.18$
 a 10^h0 $\Delta t + m = +4.89$

Marcha horaria del reloj = -0.016
 Punto del ecuador adoptado = -1' 9.2
 Lectura del Nadir = 214° 55' 40.3

ZONA 31 A

Fecha : Abril 3 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ϵ Argus.....	+ 0.06	+ 4.07	+ 1.2	- 0.1	32.3	64° 41' 49.2	- 1' 10.5
2	[ζ Argus].....	+ 0.06	4.19	+ 0.4	0	19.8	54 10 56.8	10.9
3	δ Carinae.....	+ 0.07	4.19	+ 1.0	+ 0.1	24.5	58 19 27.7	11.0
4	θ Argus.....	+ 0.07	4.31	+ 0.2	- 0.1	31.4	63 57 64.3	11.0
5	(209).....	+ 0.06	4.14	+ 0.3	- 0.1	24.8	58 31 59.3	10.8
6	π Centauri.....	+ 0.06	4.21	+ 0.7	- 0.1	19.6	54 2 37.6	10.9
7	ρ Centauri.....	+ 0.06	4.17	+ 0.9	+ 0.1	29.6	62 33 63.9	10.4
8	δ Centauri.....	+ 0.06	4.30	- 2.6	0	15.5	50 16 2.9	11.0
9	α Crucis.....			+ 0.6	+ 0.1	29.7	62 38 45.2	9.9
10	γ Crucis.....	+ 0.07	4.12	+ 0.2	+ 0.1	22.6	56 39 19.0	10.9
11	β Crucis.....	+ 0.06	4.18	+ 0.2	0	25.6	59 14 31.3	10.0
12	[ζ Muscae].....			+ 0.6	- 0.1	36.2	67 27 42.0	9.5
13	ϵ Centauri.....	+ 0.07	4.03	+ 0.7	+ 0.1	18.6	53 3 9.1	10.1
14	[Centauri 294 G].....			+ 0.6	- 0.1	30.6	63 17 15.7	9.7
15	β Centauri.....	+ 0.06	4.13	+ 0.3	+ 0.1	26.5	59 58 51.3	9.6

Elementos de reducción

$$c - k = +0.13$$

$$n = +0.11$$

$$a \ 10^b \ \Delta t + m = +4.19$$

$$\text{Marcha horaria del reloj} = -0.017$$

$$\text{Punto del ecuador adoptado} = -1' 10.4$$

$$\text{Lectura del Nadir} = 214^\circ 55' 40.8$$

ZONA 32 A

Fecha : Abril 4 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ζ Argus].....	0 ^s	+ 3.93					
2	δ Carinae.....	0	3.83	+ 1.0	0	24.4	58° 19' 27.6	- 1' 10.6
3	θ Argus.....	- 0.02	4.01	+ 2.5	- 0.1	31.3	63 58 4.3	10.7
4	(209).....			+ 1.3	- 0.1	24.7	58 31 59.3	10.5
5	π Centauri.....	0	3.91	+ 6.2	- 0.1	19.6	54 2 38.0	11.0
6	ρ Centauri.....	- 0.02	4.02	+ 0.9	0	29.6	62 33 53.7	9.8
7	δ Centauri.....	+ 0.01	3.90	+ 1.3	0	15.5	50 16 3.4	10.8
8	γ Crucis.....	0	3.83	- 3.9	0	22.5	56 39 20.4	12.0
9	β Crucis.....	- 0.01	3.91	+ 1.0	0	25.5	59 14 31.7	10.1
10	[ζ Muscae].....			+ 0.7	- 0.1	36.0	67 27 42.7	9.8
11	ϵ Centauri.....	+ 0.01	3.84	0	+ 0.1	18.5	53 3 9.5	10.2
12	[Centauri 294 G].....	- 0.02	3.99	+ 1.5	- 0.1	30.5	63 17 16.7	10.4
13	β Centauri.....	- 0.01	3.81	+ 0.2	+ 0.1	26.5	59 58 52.0	10.4

Elementos de reducción

$$c - k = +0.13$$

$$n = +0.16$$

$$a \ 10^b \ \Delta t + m = +3.94$$

$$\text{Marcha horaria del reloj} = -0.017$$

$$\text{Punto del ecuador adoptado} = -1' 10.5$$

$$\text{Lectura del Nadir} = 214^\circ 55' 40.6$$

ZONA 33 A

Fecha : Abril 5 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	δ Carinae	0 ^s	+ 3.74	+ 0.2	0"	24.4	58° 19' 27.1	- 1' 9.8
2	θ Argus.....	- 0.01	3.67	+ 2.5	0	31.3	63 58 3.5	9.5
3	(209).....			+ 0.9	0	24.6	58 31 59.5	10.4
4	π Centauri.....	+ 0.01	3.65	- 0.4	0	19.5	54 2 37.8	10.5
5	λ Centauri.....	- 0.02	3.65	- 0.7	0	29.5	62 34 4.3	10.2
6	δ Centauri.....	+ 0.02	3.76	0	0	15.5	50 16 3.1	10.3
7	α Crucis.....			0	0	29.6	62 38 45.2	9.2
8	γ Crucis.....			+ 1.2	0	22.5	56 39 19.3	10.6
9	β Crucis.....	- 0.01	3.54	+ 1.2	0	25.5	59 14 31.2	9.3

Elementos de reducción

$$c - k = +0.13$$

$$n = +0.15$$

$$a \ 10^b \ \Delta t + m = +3.69$$

$$\text{Marcha horaria del reloj} = -0.017$$

$$\text{Punto del ecuador adoptado} = -1' 10.0$$

$$\text{Lectura del Nadir} = 214^\circ 55' 40.7$$

ZONA 34 A

Fecha : Abril 9 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ζ Argus].....	+ 0.05	+ 2.03	+ 5.1	0"	19.9	54° 10' 57.1	- 1' 10.0
2	δ Carinae	+ 0.04	1.95	+ 0.4	0	24.6	58 19 27.8	9.5
3	θ Argus	+ 0.04	1.89	+ 0.9	+ 0.1	31.6	63 58 4.4	9.3
4	(209).....	+ 0.05	1.91	+ 2.0	+ 0.1	24.9	58 31 59.7	9.5
5	π Centauri.....			+ 1.5	+ 0.1	19.8	54 2 38.1	9.8
6	λ Centauri.....	+ 0.04	2.02	0	0	29.9	62 34 5.0	9.6
7	δ Centauri.....			+ 0.6	0	15.7	50 16 2.6	9.1

Elementos de reducción

$$c - k = +0.13$$

$$n = +0.13$$

$$a \ 10^b \ \Delta t + m = +1.97$$

$$\text{Marcha horaria del reloj} = -0.017$$

$$\text{Punto del ecuador adoptado} = -1' 9.5$$

$$\text{Lectura del Nadir} = 214^\circ 55' 40.2$$

ZONA 35 A

Fecha : Abril 12 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[γ Argus]	+ 0.04	+ 1.15	+ 2.0	0"	19.2	54° 10' 56.6	- 1' 9.0
2	ϵ Carinae	+ 0.03	1.02	+ 1.2	0	24.6	58 19 28.2	9.3
3	δ Argus.....	+ 0.02	0.99	+ 0.6	+ 0.1	30.9	63 58 5.0	9.2
4	(209).....			- 0.3	0	24.9	58 32 1.2	10.2
5	π Centauri.....	+ 0.04	0.99	- 0.6	+ 0.1	19.7	54 2 39.8	10.7
6	ν Centauri.....	+ 0.03	0.99	+ 0.9	0	29.8	62 34 5.9	9.6
7	ξ Centauri.....			+ 0.3	0	15.7	50 16 4.3	10.0
8	α Crucis			0	0	30.0	62 38 46.7	8.4
9	γ Crucis	+ 0.03	0.94	- 1.2	0	22.8	56 39 21.8	11.0
10	ϵ Crucis	+ 0.03	1.09	+ 0.2	0	25.8	59 14 33.3	9.1
11	[α Muscae].....			- 0.7	+ 0.1	36.4	67 27 44.6	8.9

Elementos de reducción

$$e - k = +0.13$$

$$n = +0.14$$

$$a 10^6 \Delta t + m = +1.04$$

$$\text{Marcha horaria del reloj} = -0.017$$

$$\text{Punto del ecuador adoptado} = -1'09.6$$

$$\text{Lectura del Nadir} = 214^\circ 55' 40.2$$

ZONA 36 A

Fecha : Abril 17 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ϵ Carinae	- 0.02	- 1.41	+ 9.8	0"	25.0	58° 19' 19.0	- 1' 8.9
2	δ Argus.....	- 0.04	1.31	+ 0.6	+ 0.1	32.1	63 58 5.3	8.2
3	(209).....	- 0.01	1.54	+ 0.6	0	25.3	58 32 1.2	8.9
4	π Centauri.....	0	1.42	+ 0.4	0	20.1	54 2 39.4	8.8
5	ν Centauri.....	- 0.03	1.48	+ 0.7	0	30.3	62 34 5.8	8.1
6	ξ Centauri.....	+ 0.01	1.57	+ 0.7	0	15.9	50 16 4.3	8.8
7	α Crucis			+ 0.6	0	30.4	62 38 47.7	7.9
8	γ Crucis.....	- 0.01	1.44	+ 0.6	0	23.1	56 39 21.4	9.1
9	ϵ Crucis.....	- 0.02	1.47	+ 1.8	0	26.2	59 14 33.9	8.3
10	[α Muscae].....			+ 0.2	0	36.7	67 27 44.6	7.2
11	ϵ Centauris	0	1.59	+ 0.9	0	19.0	53 3 11.3	8.3
12	[Centauri 294 G].....	- 0.03	1.57	+ 0.4	0	31.3	63 17 18.2	7.8
13	ϵ Centauri.....	- 0.02	1.56	0	0	27.1	59 58 54.2	8.2

Elementos de reducción

$$e - k = +0.13$$

$$n = +0.17$$

$$a 10^6 \Delta t + m = -1.45$$

$$\text{Marcha horaria del reloj} = -0.018$$

$$\text{Punto del ecuador adoptado} = -1'8.3$$

$$\text{Lectura del Nadir} = 214^\circ 55' 38.5$$

ZONA 37 A

Fecha : Abril 19 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	δ Centauri	+ 0.04	- 2.39	+ 0.3	0"	15.7	50° 16' 5.9	- 1' 9.8
2	α Crucis			+ 0.3	0	30.1	62 38 49.9	9.5
3	β Crucis	+ 0.03	2.48	0	0	25.9	59 14 36.2	9.9
4	[γ Muscae]			0	0	36.6	67 27 47.4	9.4
5	ε Centauri	+ 0.04	2.43	+ 0.2	0	18.8	53 3 13.0	9.5
6	ζ Centauri			+ 0.7	0	26.8	59 58 55.8	9.3

Elementos de reducción

$$e - k = +0.14$$

$$n = +0.15$$

$$a 12^h 0 \Delta t + m = -2.42$$

$$\text{Marcha horaria del reloj} = -0.020$$

$$\text{Punto del ecuador adoptado} = -1' 9.6$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 39.9$$

ZONA 38 A

Fecha : Abril 23 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	δ Centauris	+ 0.07	- 4.60	- 1.2	0"	15.4	50° 16' 6.9	- 1' 9.9
2	α Crucis			+ 1.3	0	29.5	62 38 50.8	9.2
3	β Crucis	+ 0.07	4.59	+ 0.7	0	25.4	59 14 36.5	9.2
4	[γ Muscae]			0	0	35.9	67 27 48.5	9.3
5	ε Centauri	+ 0.07	4.74	+ 0.6	0	18.4	53 3 3.5	9.0
6	ζ Centauri	+ 0.06	4.53	+ 0.7	0	26.3	59 58 56.9	9.2
7	[η Centauri]	+ 0.06	4.63	+ 1.5	0	21.7	56 0 42.2	8.7
8	[α Circini]	+ 0.07	4.63	+ 0.9	0	32.1	64 37 28.3	9.0
9	[β Circini]	+ 0.06	4.62	0	0	24.6	58 30 12.6	9.5
10	[ε Triang. austr.]	+ 0.07	4.67	+ 0.3	+ 0.1	34.0	66 2 32.8	9.3
11	ζ Triang. austr	+ 0.06	4.75	- 0.2	0	30.3	63 11 16.2	8.8

Elementos de reducción

$$e - k = +0.14$$

$$n = +0.12$$

$$a 12^h 0 \Delta t + m = -4.60$$

$$\text{Marcha horaria del reloj} = -0.020$$

$$\text{Punto del ecuador adoptado} = -1' 9.1$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 40.6$$

ZONA 39 A

Fecha : Abril 30 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[δ Crucis].....	+ 0.07	- 8.21	+ 1.5	+ 0.1	25.3	58° 17' 44.4	- 1' 7.6
2	γ Crucis.....	+ 0.08	8.05	+ 0.7	0	23.4	56 39 24.8	9.0
3	[β Muscae].....			0	0	37.6	67 39 43.6	6.9
4	ϵ Centauri.....	+ 0.08	8.11	+ 1.5	- 0.1	19.2	53 3 13.7	7.3
5	β Centauri.....	+ 0.08	8.11	+ 0.9	- 0.1	27.4	59 58 57.4	7.7
6	[Circini 10 G].....			- 4.4	0	37.9	67 49 42.4	7.8
7	ζ Lupi.....	+ 0.08	8.28	+ 1.5	+ 0.1	17.6	51 47 44.2	7.8
8	ϵ Trianguli.....	+ 0.08	8.18	- 0.3	- 0.1	35.4	66 3 3.7	8.1
9	β Trianguli.....	+ 0.08	8.14	0	0	31.5	63 11 17.4	8.3

Elementos de reducción

$c - k = +0.14$
 $n = +0.12$
 a 12^h0 $\Delta t + m = -8.11$

Marcha horaria del reloj = -0.021
 Punto del ecuador adoptado = -1' 7.8
 Lectura del Nadir = 214° 55' 38.0

ZONA 40 A

Fecha : Mayo 1º de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	δ Centauri.....	+ 0.07	- 8.64	+ 0.9	0	16.0	50° 16' 7.8	- 1' 9.0
2	(232).....			+ 0.7	+ 0.1	25.9	59 57 4.4	7.9
3	α Muscae.....			+ 0.9	0	38.9	68 41 13.1	8.6
4	β Crucis.....	+ 0.07	8.80	+ 1.2	0	26.3	59 14 37.5	7.9
5	(249).....	+ 0.06	8.75	+ 1.3	0	26.6	59 29 17.3	8.6
6	ϵ Centauri.....	+ 0.07	8.79	- 0.4	- 0.1	19.1	53 3 15.1	8.5
7	β Centauri.....	+ 0.07	8.61	+ 1.3	0	27.4	59 58 58.5	8.5
8	[ϵ Centauri].....	+ 0.07	8.89	+ 0.7	0	22.5	56 0 54.5	8.9
9	α Centauri.....			- 0.7	0	27.9	60 30 24.2	8.9

Elementos de reducción

$c - k = +0.14$
 $n = +0.12$
 a 12^h0 $\Delta t + m = -8.72$

Marcha horaria del reloj = -0.021
 Punto del ecuador adoptado = -1' 8.5
 Lectura del Nadir = 214° 55' 39.9

ZONA 41 A

Fecha : Mayo 2 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	(232).....	+ 0 ^s 13	- 9 ^s 16	+ 1 ^{''} 2	+ 0 ^{''} 1	27 ^{''} 2	59° 57' 4 ^{''} 9	- 1' 8 ^{''} 1
2	z Muscae.....			+ 1.8	0	39.0	68 41 13.0	8.1
3	z Muscae.....	+ 0.17	9.17	+ 1.5	0	37.5	67 39 44.5	7.3
4	(249).....	+ 0.13	9.28	+ 1.2	- 0.1	26.7	59 39 17.3	8.3
5	z Centauri.....	+ 0.12	9.24	- 0.2	- 0.1	19.1	53 3 14.9	8.1
6	[Centauri 294 G].....	+ 0.14	9.16	+ 0.1	+ 0.1	31.5	63 17 23.4	8.4
7	z Centauri.....	+ 0.13	9.17	- 0.1	- 0.1	27.3	59 58 58.6	8.3

Elementos de reducción

$$\begin{aligned}
 c - k &= +0^s.14 \\
 n &= +0.08 \\
 a \ 12^h 0 \ \Delta t + m &= -9.17
 \end{aligned}$$

$$\begin{aligned}
 \text{Marcha horaria del reloj} &= -0^s.021 \\
 \text{Punto del ecuador adoptado} &= -1'8^s.1
 \end{aligned}$$

ZONA 42 A

Fecha : Mayo 3 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[z Crucis].....	+ 0 ^s 16	- 9 ^s 53	+ 0 ^{''} 7	0	24 ^{''} 9	58° 17' 45 ^{''} 9	- 1' 8 ^{''} 4
2	z Muscae.....			+ 0.4	0	38.6	68 41 14.3	9.1
3	(248).....	+ 0.15	9.75	0	0	18.9	53 1 28.7	8.2
4	[z Muscae].....			+ 0.2	0	36.8	67 27 49.8	7.4
5	z Centauri.....	+ 0.15	9.71	+ 0.6	0	18.9	53 3 15.4	8.3
6	[Centauri 294 G].....	+ 0.19	9.74	+ 0.2	0	31.2	63 17 24.3	9.0
7	[v Centauri].....	+ 0.16	9.86	+ 0.6	0	22.3	56 0 54.6	8.5
8	(282).....	+ 0.17	9.89	- 0.4	0	26.8	59 47 6.4	7.9
9	z Lupi.....			+ 0.2	0	17.6	51 47 45.9	8.8
10	z Trianguli.....			0	0	35.0	66 3 4.1	7.6
11	z Trianguli.....	+ 0.19	9.81	- 0.6	0	31.1	63 11 18.4	8.4

Elementos de reducción

$$\begin{aligned}
 c - k &= +0^s.14 \\
 n &= +0.06 \\
 a \ 12^h 0 \ \Delta t + m &= -9.70
 \end{aligned}$$

$$\begin{aligned}
 \text{Marcha horaria del reloj} &= -0^s.021 \\
 \text{Punto del ecuador adoptado} &= -1'8^s.3 \\
 \text{Lectura del Nadir} &= 214^{\circ}55'38^s.5
 \end{aligned}$$

ZONA 43 A

Fecha : Mayo 8 de 1914.

N°	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ϵ Crucis].....	+ 0.25	- 12.65	+ 0.2	0	24.5	58° 17' 47.3	- 1' 8.7
2	(232).....	+ 0.27	12.68	+ 0.3	0	26.5	59 57 7.7	9.5
3	α Muscae.....	+ 0.37	12.57	+ 0.6	0	37.9	68 41 15.3	8.8
4	(249).....	+ 0.26	12.86	0	0	25.9	59 29 19.3	8.7

Elementos de reducción

$$c - k = + 0.14$$

$$n = + 0.01$$

$$a 12^h 0 \Delta t + m = - 12.68$$

$$\text{Marcha horaria del reloj} = - 0.023$$

$$\text{Punto del ecuador adoptado} = - 1' 8.9$$

$$\text{Lectura del Nadir} = 214^\circ 55' 39.6$$

ZONA 44 A

Fecha : Mayo 10 de 1914.

N°	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ϵ Crucis].....	+ 0.21	- 13.86	+ 0.9	0.0	24.9	58° 17' 46.8	- 1' 7.8
2	(232).....	+ 0.23	13.77	+ 1.2	0	27.0	59 57 6.9	8.2
3	α Muscae.....	+ 0.31	13.76	+ 1.0	0	38.6	68 41 14.5	7.5
4	β Crucis.....	+ 0.23	13.78	+ 2.3	0	26.1	59 14 39.5	7.7
5	(249).....			+ 1.3	0	26.4	59 29 18.6	7.5
6	(260).....	+ 0.19	13.91	- 0.7	0	16.7	51 1 35.9	7.9
7	δ Centauri.....	+ 0.23	13.79	+ 1.5	0	27.1	59 58 59.7	7.3
8	[ϵ Centauri].....	+ 0.21	14.02	- 0.3	0	22.4	56 0 55.7	7.8

Elementos de reducción

$$c - k = + 0.14$$

$$n = + 0.03$$

$$a 12^h 0 \Delta t + m = - 13.85$$

$$\text{Marcha horaria del reloj} = - 0.023$$

$$\text{Punto del ecuador adoptado} = - 1' 7.7$$

$$\text{Lectura del Nadir} = 214^\circ 55' 39.0$$

ZONA 45 A

Fecha : Mayo 23 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	(249).....	+ 0.06	+ 22.99	+ 1.5	0"	26.0	59° 25' 51.0"	+ 2' 23.0"
2	(260).....	+ 0.01	23.11	- 0.2	- 0.1	16.4	50 58 7.1	23.6
3	β Centauri.....	+ 0.06	23.09	+ 0.6	0	26.6	59 55 32.0	23.6
4	[ν Centauri].....	+ 0.04	22.96	+ 0.3	+ 0.1	22.0	55 57 27.1	23.9
5	[ε Circini].....	+ 0.05	23.06	0	+ 0.1	24.9	58 26 47.6	23.2
6	ε Trianguli.....	+ 0.10	22.90	- 0.2	- 0.1	34.5	65 59 37.9	24.0
7	β Trianguli.....	+ 0.08	23.00	- 0.3	+ 0.1	30.8	63 7 51.2	24.1

Elementos de reducción

$$c - k = - 0.18$$

$$n = - 0.24$$

$$a \ 13^b \ 0 \ \Delta t + m = + 23.05$$

$$\text{Marcha horaria del reloj} = - 0.026$$

$$\text{Punto del ecuador adoptado} = + 2' 23.6"$$

$$\text{Lectura del Nadir} = 214^\circ 52' 7.0"$$

ZONA 46 A

Fecha : Mayo 28 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	β Muscae.....			+ 0.4	0"	37.1	67° 36' 18.0"	+ 2' 24.6"
2	(249).....	- 0.04	+ 20.08	+ 0.9	0	26.4	59 25 50.3	24.6
3	ε Centauri.....	- 0.05	20.18	+ 0.7	0	18.9	52 59 47.4	25.1
4	β Centauri.....	- 0.05	19.98	+ 0.6	0	27.0	59 55 32.1	24.7
5	[ν Centauri].....	- 0.05	20.03	+ 0.4	+ 0.1	22.3	55 57 26.6	25.5
6	(282).....			- 2.2	- 0.1	26.8	59 43 39.9	25.0
7	ζ Lupi.....	- 0.06	20.09	- 0	0	17.5	51 44 17.5	25.0
8	[ε Trianguli].....			- 0.3	0	34.9	65 59 38.0	25.3
9	β Trianguli.....	- 0.04	20.09	+ 0.7	+ 0.1	31.0	63 7 51.0	25.4

Elementos de reducción

$$c - k = - 0.18$$

$$n = - 0.19$$

$$a \ 13^b \ 0 \ \Delta t + m = + 20.11$$

$$\text{Marcha horaria del reloj} = - 0.027$$

$$\text{Punto del ecuador adoptado} = + 2' 25.0"$$

$$\text{Lectura del Nadir} = 214^\circ 52' 5.9"$$

ZONA 47 A

Fecha : Junio 4 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	(248).....	0 ^s	+ 14 ^s 39	- 1 ^o 0	- 0 ^o 1	18 ^o 9	52°58' 3 ^o 1	+ 2'23 ^o 4
2	[ϵ Muscae].....			+ 0.9	0	37.7	67 24 27.2	23.0
3	ϵ Centauri.....	0	14.30	0	0	18.9	52 59 50.0	23.5
4	[Centauri 294 G].....	+ 0.04	14.40	- 0.4	- 0.1	31.2	63 13 59.6	23.5
5	[Circini 10 G].....	+ 0.08	14.36	- 0.3	0	37.3	67 46 19.8	24.6
6	α Centauri.....			+ 1.5	0	27.6	60 26 46.7	23.4
7	[b Lupi].....	- 0.01	14.40	+ 0.3	0	17.8	51 59 13.0	23.7
8	[γ Trianguli].....	+ 0.07	14.40	- 0.3	0	38.1	68 19 44.9	23.8
9	ϵ Trianguli.....	+ 0.06	14.26	- 0.2	0	34.8	65 59 41.2	23.9

Elementos de reducción

$$c - k = - 0^s 18$$

$$n = - 0.23$$

$$a 13^h 0 \Delta t + m = + 14.40$$

$$\text{Marcha horaria del reloj} = - 0^s 030$$

$$\text{Punto del ecuador adoptado} = + 2' 23'' 6$$

$$\text{Lectura del Nadir} = 214^\circ 52' 6'' 4$$

ZONA 48 A

Fecha : Junio 11 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	(249).....	0 ^s	+ 9 ^s 26	- 1 ^o 2	0 ^o	26 ^o 6	59°25' 51 ^o 7	+ 2'25 ^o 5
2	ϵ Centauri.....	- 0.02	9.39	+ 0.3	0	19.1	52 59 48.7	25.9
3	β Centauri.....	0	9.58	+ 1.2	0	27.3	59 55 34.2	25.1
4	[Circini 10 G].....	+ 0.04	9.63	- 0.6	0	37.7	67 46 19.5	26.5
5	[b Lupi].....	- 0.03	9.36	+ 0.2	0	18.0	51 59 12.4	25.5
6	(282).....			- 1.2	- 0.1	27.0	59 43 42.2	25.8
7	γ Trianguli.....	+ 0.04	9.54	+ 1.0	0	38.5	68 19 45.1	25.6
8	[ϵ Trianguli].....	+ 0.03	9.45	+ 0.6	0	35.1	65 59 41.3	25.8
9	(296).....			- 0.3	- 0.1	18.0	52 3 19.7	25.8
10	δ Trianguli.....	+ 0.02	9.46	- 0.4	+ 0.1	31.3	63 7 53.4	26.3

Elementos de reducción

$$c - k = - 0^s 18$$

$$n = - 0.21$$

$$a 13^h 0 \Delta t + m = + 9.54$$

$$\text{Marcha horaria del reloj} = - 0^s 033$$

$$\text{Punto del ecuador adoptado} = + 2' 25'' 8$$

$$\text{Lectura del Nadir} = 214^\circ 52' 5'' 8$$

ZONA 49 A

Fecha : Junio 12 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	β Centauri.....	+ 0.02	+ 8.90	- 0.3	0.0	26.9	59° 55' 34.8	+ 2' 24.7
2	[Circini 10 G].....	+ 0.07	8.78	+ 0.6	0	37.2	67 46 20.3	25.9
3	α Centauri.....			0	0	27.5	60 26 47.3	24.5
4	[δ Lupi].....	- 0.01	8.75	- 0.2	0	17.7	52 0 13.3	24.7
5	γ Lupi.....			+ 0.7	0	17.4	51 44 20.7	24.6
6	[ϵ Trianguli].....	+ 0.05	8.70	+ 0.4	0	34.7	65 59 42.1	25.0
7	β Trianguli.....	+ 0.04	8.72	+ 0.7	- 0.1	30.9	63 7 54.9	25.0
8	[δ Trianguli].....	+ 0.04	8.75	- 0.2	0	31.3	63 25 56.0	24.6
9	γ Arae.....	0	8.61	+ 1.2	0	22.0	55 49 9.4	24.7
10	β Arae.....	0	8.52	+ 0.2	0	21.6	55 24 46.0	24.7

Elementos de reducción

$$c - k = -0.18$$

$$n = -0.22$$

$$a \ 14^h 0 \ \Delta t + m = +8.75$$

$$\text{Marcha horaria del reloj} = -0.033$$

$$\text{Punto del ecuador adoptado} = +2' 24.8$$

$$\text{Lectura del Nadir} = 214^{\circ} 52' 57.7$$

ZONA 50 A

Fecha : Junio 18 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ϵ Centauri].....	+ 0.13	+ 3.91	+ 0.3	+ 0.1	22.5	55° 57' 30.5	+ 2' 25.2
2	α Centauri.....			- 0.2	0	28.0	60 26 48.3	24.5
3	[α Circini].....	+ 0.22	3.87	+ 0.7	0	33.3	64 34 8.7	24.1
4	[ϵ Trianguli].....	+ 0.24	3.70	- 0.4	0	35.2	65 59 43.5	25.0
5	β Trianguli.....	+ 0.20	3.74	- 0.6	+ 0.1	31.3	63 7 55.9	25.4
6	[δ Trianguli].....	+ 0.20	3.85	+ 0.6	0	31.8	63 25 56.9	25.2
7	[ϵ Trianguli].....	+ 0.31	3.69	0	0	40.9	69 51 25.5	25.2
8	α Trianguli.....	+ 0.28	3.68	- 0.4	0	39.5	68 50 8.3	25.8
9	γ Arae.....	+ 0.13	3.76	+ 0.6	0	22.5	55 49 9.9	25.3
10	β Arae.....	+ 0.12	3.75	- 0.4	0	22.0	55 24 46.5	25.3
11	δ Arae.....	+ 0.17	3.74	+ 0.4	0	28.3	60 34 34.2	25.6
12	η Pavonis.....	+ 0.21	3.72	- 0.9	- 0.1	33.6	64 38 47.0	25.4
13	θ Arae.....	+ 0.08	3.78	+ 0.4	- 0.1	16.0	50 3 36.4	25.8

Elementos de reducción

$$c - k = -0.19$$

$$n = -0.31$$

$$a \ 14^h 0 \ \Delta t + m = +3.85$$

$$\text{Marcha horaria del reloj} = -0.034$$

$$\text{Punto del ecuador adoptado} = +2' 25.2$$

ZONA 51 A

Fecha : Junio 26 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ζ Lupi].....	+ 0 ^s 01	- 2 ^s 96	+ 0 ^{''} 4	0 ^{''}	17 ^{''} 5	51° 44' 23 ^{''} 7	+ 2' 23 ^{''} 7
2	[ξ Circini].....	+ 0.05	2.86	+ 0.9	0	25.2	58 26 53.7	23.9
3	[ϵ Trianguli].....			+ 0.7	0	34.9	65 59 46.2	24.0
4	[δ Trianguli].....	+ 0 07	2.90	- 0.6	+ 0.1	31.1	63 7 58.9	24.1
5	[θ Trianguli].....	+ 0.07	2.87	+ 0.4	0	31.5	63 25 59.5	24.3
6	[ζ Trianguli].....	+ 0.13	2.91	- 0.3	0	40.5	69 51 27.9	24.8
7	[α Trianguli].....	+ 0.11	3.01	- 0.2	0	39.0	68 50 11.2	24.9

Elementos de reducción

$$c - k = -0^s.19$$

$$n = -0.24$$

$$a \ 15^h 0 \ \Delta t + m = -2.86$$

$$\text{Marcha horaria del reloj} = -0^s.034$$

$$\text{Punto del ecuador adoptado} = +2' 24''.2$$

$$\text{Lectura del Nadir} = 214^{\circ} 52' 6''.3$$

ZONA 52 A

Fecha : Julio 3 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ζ Lupi].....	+ 0 ^s 02	- 9 ^s 10	+ 0 ^{''} 2	0 ^{''}	17 ^{''} 5	51° 44' 24 ^{''} 0	+ 2' 24 ^{''} 1
2	[ξ Circini].....	+ 0.07	9.10	+ 0.3	+ 0.1	25.3	58 26 54.0	24.7
3	[ϵ Trianguli].....	+ 0.12	9.27	+ 0.2	0	34.9	65 59 46.1	25.5
4	[δ Trianguli].....	+ 0.10	9.11	- 0.4	+ 0.1	31.1	63 7 58.7	25.7
5	[θ Trianguli].....	+ 0.09	9.10	0	0	31.5	63 25 59.8	25.4
6	[ζ Trianguli].....	+ 0.16	9.23	+ 0.4	0	40.5	69 51 28.6	25.7
7	[α Trianguli].....	+ 0.15	9.00	+ 0.4	0	39.1	68 50 12.4	25.1
8	[ζ Arae].....	+ 0.04	9.26	+ 0.4	- 0.1	22.2	55 49 13.4	24.5

Elementos de reducción

$$c - k = -0^s.19$$

$$n = -0.26$$

$$a \ 15^h 0 \ \Delta t + m = -9.14$$

$$\text{Marcha horaria del reloj} = -0^s.034$$

$$\text{Punto del ecuador adoptado} = +2' 25''.1$$

$$\text{Lectura del Nadir} = 214^{\circ} 52' 3''.1$$

ZONA 53 A

Fecha : Julio 16 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	δ Trianguli	+ 0.66	- 19.95	+ 0.3	0"	30.7	63° 11' 35.7"	- 1' 9.1"
2	[δ Trianguli			- 0.6	0	31.1	63 29 37.2	9.7
3	ζ Trianguli	+ 0.89	20.07	0	0	40.0	69 55 5.7	8.8
4	α Trianguli	+ 0.84	20.11	- 0.2	- 0.1	38.5	68 53 49.4	9.1
5	α Arae	+ 0.52	20.22	+ 0.4	+ 0.1	21.9	55 52 49.8	9.6
6	β Arae	+ 0.50	20.12	+ 0.2	- 0.1	21.4	55 28 26.4	9.6
7	δ Arae			+ 0.3	- 0.1	27.5	60 38 14.7	9.3
8	γ Pavonis	+ 0.71	20.05	+ 0.3	+ 0.1	32.7	64 42 28.0	9.5
9	θ Arae	+ 0.43	20.20	+ 0.2	+ 0.1	15.6	50 7 14.4	8.0
10	[ζ Pavonis]	+ 0.62	20.30	+ 0.7	0	28.7	61 33 24.2	10.7
11	ζ Pavonis	+ 0.97	20.30	0	0	42.5	71 31 31.2	8.8
12	λ Pavonis	+ 0.64	20.31	- 0.7	- 0.1	29.6	62 18 31.0	9.2
13	[Pavonis 60 G]	+ 0.77	20.22	+ 0.4	0	34.2	66 49 50.2	7.5
14	[ι Telescopii]	+ 0.41	20.30	+ 0.3	- 0.1	13.6	48 18 17.8	9.9
15	[ν Telescopii]	+ 0.52	20.31	+ 0.6	0	22.7	56 35 21.2	9.6
16	δ Pavonis	+ 0.76	20.36	0	0	35.0	66 25 14.5	8.6

Elementos de reducción

$c - k = + 0.16$
 $n = - 0.16$
 a 16^h0 $\Delta t + m = - 20.12$

Marcha horaria del reloj = - 0.037
 Punto del ecuador adoptado = - 1' 9.3"
 Lectura del Nadir = 214° 55' 40.1"

ZONA 54 A

Fecha : Julio 17 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	δ Arae	+ 0.61	- 20.86	+ 0.4	0"	27.3	60 38 15.4"	- 1' 9.7"
2	γ Pavonis	+ 0.71	20.95	+ 1.2	+ 0.1	32.4	64 49 28.3	9.6
3	θ Arae	+ 0.44	21.16	- 0.3	+ 0.1	15.6	50 7 14.9	8.3
4	[ζ Pavonis]	+ 0.63	21.12	0	0	28.5	61 33 24.9	11.1
5	ζ Pavonis	+ 0.98	20.98	0	0	42.1	71 31 31.7	9.5
6	λ Pavonis	+ 0.65	21.03	+ 0.7	0	29.4	62 18 31.3	9.4
7	[Pavonis 60 G]	+ 0.78	21.09	+ 0.6	0	35.4	66 49 52.5	9.6
8	(379)			+ 0.6	0	20.1	54 31 3.3	9.0
9	[ι Telescopii]	+ 0.41	21.17	0	0	13.5	48 18 18.0	10.0
10	[ν Telescopii]	+ 0.53	21.11	+ 0.6	0	22.6	56 35 21.6	9.8
11	δ Pavonis	+ 0.76	21.19	- 0.7	0	34.9	66 25 15.5	9.4

Elementos de reducción

$c - k = + 0.16$
 $n = - 0.16$
 a 17^h5 $\Delta t + m = - 21.07$

Marcha horaria del reloj = - 0.037
 Punto del ecuador adoptado = - 1' 9.6"
 Lectura del Nadir = 214° 55' 39.6"

ZONA 55 A

Fecha : Julio 19 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Arae	+ 0.58	- 22.63	- 0.4	0"	21.0	55° 52' 50.0	- 1' 9.4
2	β Arae	+ 0.53	22.65	+ 0.6	0	21.4	55 28 25.8	8.5
3	γ Arae	+ 0.63	22.71	+ 1.0	0	27.5	60 38 14.5	8.5
4	δ Pavonis			- 0.2	0	32.7	64 42 28.3	9.2
5	θ Arae	+ 0.46	22.82	0	0	15.5	50 7 14.1	7.3
6	[ϵ Pavonis]	+ 0.65	22.89	+ 0.2	0	28.0	61 33 23.0	8.9
7	ζ Pavonis	+ 1.02	22.91	- 0.7	0	42.3	71 31 31.0	7.9
8	η Pavonis	+ 0.68	22.88	+ 1.8	0	29.5	62 18 30.8	8.4

Elementos de reducción

$$c - k = + 0.15$$

$$n = - 0.18$$

$$n 17^{\text{h}} \Delta t + m = - 22.74$$

$$\text{Marcha horaria del reloj} = - 0.038$$

$$\text{Punto del ecuador adoptado} = - 1' 8.5$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 39.3$$

ZONA 56 A

Fecha : Julio 24 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Trianguli	+ 0.91	+ 32.63	- 0.3	0"	38.6	68° 53' 50.9	- 1' 9.0
2	β Arae	+ 0.55	32.70	+ 0.2	0	21.9	55 52 50.7	9.4
3	γ Arae	+ 0.54	32.67	+ 0.2	0	21.5	55 28 27.4	9.4
4	δ Arae	+ 0.64	32.87	+ 0.9	0	27.6	60 38 15.9	9.1
5	ϵ Pavonis	+ 0.76	32.62	- 0.2	0	32.9	64 42 29.6	9.5
6	θ Arae	+ 0.46	32.65	- 5.5	0	15.6	50 7 15.7	8.1

Elementos de reducción

$$c - k = + 0.15$$

$$n = - 0.19$$

$$n 17^{\text{h}} \Delta t + m = + 32.68$$

$$\text{Marcha horaria del reloj} = - 0.039$$

$$\text{Punto del ecuador adoptado} = - 1' 9.1$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 39.7$$

ZONA 57 A

Fecha : Julio 30 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Trianguli	+ 1.00	- 32.20	+ 1.75	0"	36.75	68° 53' 47.2"	- 1' 8.3"
2	ε Arae	+ 0.55	32.30	+ 1.3	0	19.1	53 3 15.0	6.9
3	β Arae	+ 0.59	32.28	- 0.3	0	21.9	55 28 26.7	7.8
4	α Arae	+ 0.50	32.36	+ 0.3	0	15.4	49 49 58.1	7.5
5	γ Pavonis	+ 0.83	32.31	+ 1.9	0	33.5	64 42 29.8	8.6
6	θ Arae	+ 0.50	32.38	+ 1.9	0	15.9	50 7 15.0	6.5
7	ζ Pavonis	+ 0.76	32.41	+ 1.2	0	29.4	61 33 25.3	9.2
8	α Telescopii	+ 0.45	32.39	+ 1.3	0	11.5	46 2 18.8	7.9
9	α Pavonis	+ 1.15	32.42	+ 0.6	0	43.5	71 31 32.9	7.2
10	λ Pavonis	+ 0.76	32.48	+ 0.4	0	30.3	62 18 32.6	7.9
11	τ Telescopii	+ 0.62	32.48	+ 0.6	0	23.3	56 35 22.9	8.8
12	δ Pavonis	+ 0.89	32.48	+ 0.3	0	35.9	66 25 17.0	8.0
13	α Pavonis	+ 0.62	32.41					
14	α Indi			0	0	13.2	47 36 33.6	8.3
15	β Pavonis	+ 0.90	32.34	+ 0.2	0	36.1	66 31 49.1	7.9
16	β Indi	+ 0.67	32.35					

Elementos de reducción

$c - k = + 0.15$
 $n = - 0.23$
 $a 17^{\circ} 0 \Delta t + m = - 32.33$

Marcha horaria del reloj = - 0.040
 Punto del ecuador adoptado = - 1' 7.9"
 Lectura del Nadir = 214° 55' 38.8"

ZONA 58 A

Fecha : Julio 31 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Trianguli	+ 0.72	- 32.83	+ 0.7	0"	39.0	68° 53' 50.3"	- 1' 7.3"
2	ε Arae	+ 0.40	33.14	+ 0.4	0	19.0	53 3 15.4	7.1
3	β Arae	+ 0.44	33.08	+ 0.9	0	21.7	55 28 26.9	7.9
4	α Arae	+ 0.38	33.11	+ 1.9	0	15.4	49 49 58.3	7.5
5	γ Pavonis	+ 0.60	33.09	+ 0.9	0	33.1	64 42 29.2	7.8
6	θ Arae	+ 0.38	33.12	+ 0.4	+ 0.1	15.8	50 7 15.6	6.9
7	ζ Pavonis	+ 0.54	33.18	- 0.4	0	29.0	61 33 26.2	9.7
8	α Pavonis	+ 0.54	33.07	+ 0.4	- 0.1	30.0	62 17 32.5	7.6
9	λ Telescopii	+ 0.40	33.19	+ 0.9	0	19.0	53 4 24.8	9.3
10	(Pavonis 60 G)	+ 0.66	33.21	+ 0.2	0	36.0	66 49 53.7	7.6
11	(379)			+ 0.2	0	20.6	54 31 4.7	7.5
12	τ Telescopii	+ 0.36	33.25	+ 0.7	0	13.8	48 18 19.1	9.0
13	τ Telescopii	+ 0.46	33.33	+ 0.4	0	23.0	56 35 22.5	8.2
14	δ Pavonis	+ 0.65	33.25	- 0.2	0	35.5	66 25 17.1	7.8
15	α Pavonis			- 0.9	0	23.6	57 1 45.9	8.7
16	α Indi	+ 0.36	33.41	+ 0.6	0	13.1	47 36 33.2	7.8

ZONA 58 A (Conclusión)

Fecha : Julio 31 de 1914.

N ^o	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
17	ϵ Pavonis.....	+ 0.65	33.13	+ 0.7	0"	35.7	66 31' 48.5	7.0
18	δ Indi.....	+ 0.48	33.41	- 0.7	- 0.1	25.7	58 47' 46.2	8.6
19	[Indi 23 G].....	+ 0.42	33.47	- 0.2	0	19.7	53 38' 7.3	7.0
20	γ Pavonis.....	+ 0.62	33.44	- 0.2	0	34.6	65 46' 16.9	7.6
21	δ Indi.....	+ 0.44	33.43	+ 0.6	0	21.7	55 24' 58.1	7.4
22	z Gruis.....	+ 0.35	33.35	+ 0.4	0	12.8	47 23' 30.1	7.2

Elementos de reducción

$$c - k = + 0.15$$

$$n = - 0.12$$

$$\text{a } 17^{\text{h}} 0 \Delta t + m = - 33.14$$

$$\text{Marcha horaria del reloj} = - 0.040$$

$$\text{Punto del ecuador adoptado} = - 1' 7.8$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 38.5$$

ZONA 59 A

Fecha : Agosto 1^o de 1914.

N ^o	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	z Arae.....	+ 0.54	- 33.85	0"	0"	22.5	55 52' 49.7	- 1' 7.4
2	δ Arae.....			+ 1.8	0	22.1	55 28' 26.3	7.3
3	[z Pavonis].....	+ 0.66	33.93	+ 0.6	0	29.5	61 33' 25.1	8.4
4	γ Telescopii.....	+ 0.49	33.97	+ 0.2	0	19.3	53 4' 24.0	8.4
5	(372).....			- 0.7	0	18.7	52 29' 19.4	7.4
6	(Pavonis 60 G).....			+ 0.9	0	36.7	66 49' 53.6	7.3

Elementos de reducción

$$c - k = + 0.15$$

$$n = - 0.19$$

$$\text{a } 16^{\text{h}} 5 \Delta t + m = - 33.88$$

$$\text{Marcha horaria del reloj} = - 0.041$$

$$\text{Punto del ecuador adoptado} = - 1' 7.7$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 38.3$$

ZONA 60 A

Fecha : Agosto 2 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Trianguli.....	+ 0.86	- 34.76	+ 1.75	0"	41.0	69° 55' 6.1	- 1' 6.75
2	α Trianguli.....			+ 0.2	0	39.5	68 53 50.0	6.7
3	β Arae.....	+ 0.50	34.78	+ 0.6	+ 0.1	22.5	55 52 51.0	8.6
4	β Arae.....	+ 0.49	34.74	- 0.3	0	22.0	55 28 25.9	6.7
5	δ Arae.....	+ 0.59	34.69	+ 0.3	0	28.3	60 38 16.3	8.0
6	γ Pavonis.....	+ 0.68	34.79	0	0	33.6	64 42 29.2	7.4
7	θ Arae.....	+ 0.42	34.91	+ 0.7	+ 0.1	16.0	50 7 15.0	6.1
8	[α Pavonis].....	+ 0.61	34.92	+ 0.3	0	29.4	61 33 25.5	8.6
9	[λ Telescopii].....	+ 0.46	34.94	- 0.3	0	19.2	53 4 24.8	9.1
10	(372).....			0	0	18.6	52 29 20.1	8.0
11	[Pavonis 60 G].....	+ 0.75	34.89	- 0.9	0	36.6	66 49 53.9	7.3
12	(379).....	+ 0.48	35.16	- 0.3	0	20.9	54 31 5.0	7.9
13	[ν Telescopii].....	+ 0.40	35.04	+ 0.3	0	14.0	48 18 19.0	8.7
14	δ Pavonis.....	+ 0.74	34.94	+ 1.0	0	36.3	66 25 18.1	8.3
15	α Pavonis.....	+ 0.52	34.95	- 0.2	0	23.9	57 1 46.1	8.4
16	α Indi.....	+ 0.40	35.08	- 0.6	0	13.2	47 36 33.7	8.0
17	β Pavonis.....	+ 0.74	35.00	+ 0.6	0	36.2	66 31 49.6	7.7
18	β Indi.....	+ 0.55	35.19	- 0.3	- 0.1	26.0	58 47 46.2	8.2
19	[Indi 23 G].....			+ 0.6	0	21.1	53 38 9.4	8.7
20	γ Pavonis.....	+ 0.71	34.99	+ 1.8	0	35.1	65 46 17.3	7.6
21	δ Indi.....	+ 0.49	35.17	+ 0.6	0	22.0	55 24 58.9	7.9
22	α Gruis.....	+ 0.40	35.11	- 0.3	0	13.0	47 23 30.4	7.2

Elementos de reducción

$$c - k = + 0.15$$

$$n = - 0.16$$

$$a 16^b \Delta t + m = - 34.81$$

$$\text{Marcha horaria del reloj} = - 0.041$$

$$\text{Punto del ecuador adoptado} = - 1' 7.8$$

$$\text{Lectura del Nadir} = 214^\circ 55' 38.4$$

ZONA 61 A

Fecha : Agosto 3 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	θ Arae.....	+ 0.40	- 35.68	+ 0.4	0"	15.7	50° 7' 16.2	- 1' 7.3
2	α Pavonis.....	+ 0.89	35.80	- 0.6	0	42.9	71 31 34.4	7.7
3	α Pavonis.....	+ 0.58	35.78	+ 0.4	0	29.9	62 18 34.3	8.8
4	ν Telescopii.....	+ 0.43	35.83	+ 0.6	0	19.0	53 4 25.5	9.6
5	(372).....			- 1.0	0	18.3	52 29 20.7	8.4
6	(379).....			+ 0.3	0	20.6	54 31 5.6	8.3
7	ν Telescopii.....	+ 0.38	35.88	+ 0.7	0	13.8	48 18 19.3	8.8
8	[ν Telescopii].....	+ 0.49	35.83	0	0	23.0	56 35 23.5	8.5
9	(387).....	+ 0.57	35.91	0	0	28.8	61 24 48.0	8.2

Elementos de reducción

$$c - k = + 0.15$$

$$n = - 0.14$$

$$a 18^b \Delta t + m = - 35.77$$

$$\text{Marcha horaria del reloj} = - 0.041$$

$$\text{Punto del ecuador adoptado} = - 1' 8.4$$

$$\text{Lectura del Nadir} = 214^\circ 55' 39.0$$

ZONA 62 A

Fecha : Agosto 4 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Trianguli	+ 0.63	- 36.45	+ 1.3	0"	39.0	68° 53' 51.6	- 1' 8.2
2	γ Arae	+ 0.39	36.47	+ 1.0	+ 0.1	22.2	55 52 51.8	9.2
3	β Arae	+ 0.39	36.53	+ 0.4	0	21.7	55 28 28.3	8.6
4	δ Arae	+ 0.46	36.37	+ 0.4	0	27.9	60 38 17.6	9.0
5	α Pavonis	+ 0.53	36.52	- 0.4	0	33.2	64 42 30.9	8.9
6	θ Arae	+ 0.34	36.51	+ 0.6	+ 0.1	15.8	50 7 16.3	7.1
7	ν Pavonis	+ 0.48	36.66	- 0.6	0	30.2	62 18 33.5	7.8
8	λ Telescopii	+ 0.36	36.68	- 0.2	0	19.1	53 4 25.6	9.5
9	(372)			+ 0.3	0	18.5	52 29 20.3	7.8
10	[Pavonis 60 G]	+ 0.58	36.52	+ 0.9	0	36.3	66 49 54.8	7.8
11	(379)			+ 0.2	0	20.7	54 31 5.3	7.8
12	[ι Telescopii]	+ 0.32	36.66	+ 0.6	0	13.9	48 18 19.4	8.8
13	[ϵ Telescopii]	+ 0.41	36.66	+ 0.9	0	23.1	56 35 23.1	8.0
14	(387)	+ 0.49	0	+ 1.9	0	29.0	61 24 48.5	8.5
15	α Pavonis	+ 0.41	36.79	+ 0.3	0	23.7	57 1 46.9	8.8
16	α Indi	+ 0.32	36.75	+ 0.4	0	13.1	47 36 34.1	8.1
17	β Pavonis			+ 0.3	0	35.9	66 31 49.9	7.5
18	β Indi	+ 0.43	36.82	- 0.7	- 0.1	25.8	58 47 46.9	8.5
19	[Indi 23 G]			+ 0.7	0	19.7	53 38 8.1	7.1
20	(422)	+ 0.54	36.78	+ 1.3	0	34.0	65 13 29.6	8.2
21	[ϵ Indi]	+ 0.41	36.79	+ 0.3	0	23.8	57 9 15.6	7.6
22	α Gruis	+ 0.32	36.67	+ 0.3	0	12.9	47 23 30.6	7.5

Elementos de reducción

$$c - k = + 0.15$$

$$n = - 0.10$$

$$a 16.5 \Delta t + m = - 36.54$$

$$\text{Marcha horaria del reloj} = - 0.035$$

$$\text{Punto del ecuador adoptado} = - 1' 8.2$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 38.8$$

ZONA 63 A

Fecha : Agosto 9 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	δ Arae	+ 0.06	- 41.18	- 1.2	0"	26.8	60° 34' 36.0	+ 2' 33.3
2	α Pavonis	+ 0.08	41.44	+ 0.2	0	31.9	64 38 50.1	32.9
3	θ Arae	0	41.25	0	0	15.1	50 3 35.5	34.2
4	[ϵ Pavonis]	+ 0.06	41.37	+ 1.0	0	28.0	61 29 46.1	32.0
5	λ Telescopii	+ 0.02	41.34	+ 0.6	0	18.3	53 0 47.7	29.2

Elementos de reducción

$$c - k = - 0.18$$

$$n = - 0.33$$

$$a 17.5 \Delta t + m = - 41.30$$

$$\text{Marcha horaria del reloj} = - 0.035$$

$$\text{Punto del ecuador adoptado} = + 2' 32.3$$

$$\text{Lectura del Nadir} = 214^{\circ} 51' 58.3$$

ZONA 64 A

Fecha : Agosto 23 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ϵ Pavonis].....	0?	- 53.75	+ 0.9	0	28.8	61° 29' 48.74	+ 2' 31.79
2	λ Telescopii.....	- 0.02	53.82	0	0	18.8	53 0 47.0	31.9
3	(372).....			+ 0.3	0	18.2	52 25 42.5	32.9
4	[Pavonis 60 G].....	+ 0.02	53.80	+ 0.2	0	35.8	66 46 18.4	32.6
5	(379).....			- 0.6	0	20.5	54 27 27.9	32.7
6	[ι Telescopii].....	- 0.04	53.88	+ 0.3	0	13.7	48 14 42.4	31.0
7	δ Pavonis.....	+ 0.02	53.82	- 0.2	0	35.2	66 21 41.6	33.0
8	ζ Pavonis.....	- 0.02	53.88	- 0.7	0	23.4	56 58 9.6	32.2
9	β Pavonis.....	+ 0.03	53.76	+ 0.2	0	35.4	66 28 13.5	33.4
10	β Indi.....	- 0.01	53.92	- 1.2	0	25.5	58 44 9.8	32.5
11	γ Pavonis.....	+ 0.02	54.09	0	0	34.4	65 42 41.4	33.1
12	[θ Indi].....			- 4.8	0	40.5	69 59 5.1	34.0

Elementos de reducción

$e - k = - 0.18$
 $n = - 0.20$
 a 18^h0 $\Delta t + m = - 53.77$

Marcha horaria del reloj = - 0.045
 Punto del ecuador adoptado = + 2' 32.5
 Lectura del Nadir = 214° 51' 57.5

ZONA 65 A

Fecha : Agosto 24 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	θ Arae.....	- 0.06	- 54.63	+ 0.4	+ 0.1	15.8	50° 3' 37.93	+ 2' 34.1
2	[ϵ Pavonis].....	- 0.02	54.75	+ 0.6	0	29.2	61 29 48.8	31.6
3	λ Telescopii.....	- 0.04	54.69	+ 0.9	0	19.1	53 0 47.3	31.7
4	(372).....			+ 0.4	0	18.4	52 25 42.4	33.2
5	[Pavonis 60 G].....	- 0.01	54.76	- 0.3	0	36.3	66 46 17.8	33.4
6	(379).....			0	- 0.1	20.7	54 27 27.3	33.5
7	[ι Telescopii].....	- 0.06	54.85	+ 0.7	0	22.0	48 14 48.8	31.7
8	δ Pavonis.....	- 0.01	54.81	- 0.2	0	35.7	66 21 41.2	33.6
9	ζ Pavonis.....	- 0.04	54.73	+ 0.6	+ 0.1	23.7	56 58 9.2	32.8
10	β Pavonis.....			+ 0.4	+ 0.1	35.9	66 28 13.1	34.0
11	β Indi.....	- 0.03	54.92	- 0.7	0	25.8	58 44 8.8	33.6
12	γ Pavonis.....	- 0.01	55.01	+ 0.7	- 0.1	34.9	65 42 41.3	33.4
13	(422).....	- 0.01	54.99	- 0.4	0	34.1	65 9 53.0	33.1
14	[θ Indi].....	0	54.93	+ 0.4	+ 0.1	41.1	69 59 4.5	34.8
15	[δ Indi].....	- 0.04	54.88	- 0.7	0	21.8	55 21 21.2	33.7
16	ζ Gruis.....	- 0.06	54.84	+ 0.6	0	12.9	47 19 52.6	33.6

Elementos de reducción

$e - k = - 0.18$
 $n = - 0.19$
 a 18^h0 $\Delta t + m = - 54.75$

Marcha horaria del reloj = - 0.036
 Punto del ecuador adoptado = + 2' 33.4
 Lectura del Nadir = 214° 51' 57.2

ZONA 66 A

Fecha : Agosto 25 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	θ Arae.....	- 0.02	- 55.56	+ 2.9	0"	16.1	50° 3' 36.4	+ 2 35.0
2	[ζ Pavonis].....	+ 0.03	55.67	0	0	29.7	61 29 47.5	33.0
3	γ Pavonis.....	+ 0.03	55.63	- 1.2	0	30.7	62 14 56.1	33.3
4	ν Telescopii.....	0	55.61	- 0.6	0	19.4	53 0 46.2	33.0
5	[Pavonis 60 G].....	+ 0.06	55.51	- 1.0	0	36.9	66 46 17.2	34.2
6	(379).....			- 0.7	0	21.1	54 27 26.1	34.9
7	[ν Telescopii].....	- 0.03	55.67	+ 0.4	0	14.1	48 14 40.0	33.7
8	[ν Telescopii].....	+ 0.01	55.66	- 0.2	0	23.5	56 31 45.6	33.3
9	δ Pavonis.....	+ 0.06	55.56	- 0.3	0	36.3	66 21 41.2	33.9
10	α Pavonis.....	+ 0.01	55.49	- 0.2	0	24.1	56 58 8.3	33.9
11	ξ Pavonis.....			- 3.6	0	36.5	66 28 12.8	34.5

Elementos de reducción

$$c - k = - 0.18$$

$$n = - 0.22$$

$$a 18^h 0 \Delta t + m = - 55.55$$

$$\text{Marcha horaria del reloj} = - 0.036$$

$$\text{Punto del ecuador adoptado} = + 2' 33.9$$

$$\text{Lectura del Nadir} = 214^{\circ} 51' 56.5$$

ZONA 67 A

Fecha : Septiembre 1º de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ν Telescopii].....	+ 0.02	- 2.07	- 2.6	0"	23.0	56° 31' 46.4	+ 2' 33.7
2	(387).....	+ 0.04	1.98	- 0.7	0	28.8	61 21 12.4	33.2
3	α Pavonis.....	+ 0.02	1.86	+ 1.0	0	23.5	56 58 10.7	32.8
4	α Indi.....	- 0.02	2.17	+ 0.4	0	15.0	47 32 57.2	33.1
5	δ Pavonis.....	+ 0.07	2.04	+ 0.4	+ 0.1	35.6	66 28 15.0	34.0
6	ξ Indi.....	+ 0.03	2.23	+ 0.9	0	25.6	58 44 11.2	33.0

Elementos de reducción

$$c - k = - 0.18$$

$$n = - 0.23$$

$$a 19^h 5 \Delta t + m = - 2.03$$

$$\text{Marcha horaria del reloj} = - 0.040$$

$$\text{Punto del ecuador adoptado} = + 2' 33.4$$

$$\text{Lectura del Nadir} = 214^{\circ} 51' 57.4$$

ZONA 68 A

Fecha : Septiembre 2 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	(372).....	- 0.04	- 2.95	+ 0.6	0"	18.3	52° 25' 44.0	+ 2' 32.7
2	[t Telescopii].....	- 0.05	3.28	+ 0.3	0	13.8	48 14 42.1	32.6
3	[r Telescopii].....	- 0.03	3.06	+ 0.3	0	23.0	56 31 47.3	33.0
4	(387).....	- 0.02	3.09	0	0	28.8	61 21 12.5	33.3
5	α Pavonis.....	- 0.03	3.07	0	0	23.5	56 58 10.8	32.8
6	α Indi.....	- 0.06	3.02	0	0	13.0	47 32 57.3	33.2
7	β Pavonis.....	0	3.17	+ 1.2	0	35.6	66 28 17.0	32.1
8	β Indi.....	- 0.02	3.28	+ 0.3	0	25.6	58 44 11.5	32.9
9	[Indi 23 G].....	- 0.03	3.17	+ 0.3	0	19.6	53 34 32.4	34.3
10	(422).....	0	3.34	- 0.3	0	33.8	65 9 56.1	32.1
11	ϵ Indi.....	- 0.02	3.27	- 0.2	0	23.7	57 5 40.6	33.2
12	α Gruis.....	- 0.06	3.05	+ 0.9	0	12.8	47 19 53.6	34.2
13	α Tucanae.....	- 0.02	3.19					
14	ϵ Gruis.....	- 0.04	3.19	+ 0.3	+ 0.1	17.5	51 43 18.4	33.5
15	ζ Indi.....	+ 0.02	3.19					

Elementos de reducción

$e - k = -0.18$
 $n = -0.20$
 $a \ 19^h 0 \ \Delta t + m = -3.08$

Marcha horaria del reloj = -0.040
 Punto del ecuador adoptado = +2' 33.0
 Lectura del Nadir = 214° 51' 57.3

ZONA 69 A

Fecha : Septiembre 7 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	λ Pavonis.....	- 0.04	- 7.69	0"	0"	30.3	62° 14' 57.1	+ 2' 34.0
2	λ Telescopii.....	- 0.05	- 7.63	+ 0.2	0	19.2	53 0 47.7	33.0
3	(372).....			- 0.4	0	18.5	52 25 43.5	33.7
4	(387).....	- 0.04	7.66	- 1.8	0	29.2	61 21 13.0	33.7
5	α Pavonis.....	- 0.04	7.60	+ 0.2	+ 0.1	23.9	56 58 11.4	33.2
6	α Indi.....	- 0.07	7.61	+ 3.1	+ 0.1	13.2	47 32 56.8	34.5
7	β Pavonis.....	- 0.02	7.56	- 1.2	+ 0.1	36.2	66 28 15.9	34.4
8	β Indi.....	- 0.04	7.70	+ 1.5	0	26.0	58 44 11.4	34.0
9	[Indi 23 G].....			0	0	20.0	53 34 32.0	35.4
10	γ Pavonis.....	- 0.03	7.77	+ 0.7	- 0.1	35.2	65 42 43.8	34.3
11	δ Indi.....	- 0.05	7.80	+ 0.3	0	22.1	55 21 22.6	35.3
12	α Gruis.....	- 0.07	7.71	- 0.2	0	13.1	47 19 53.5	35.2
13	α Tucanae.....	- 0.04	7.75	- 3.6	+ 0.1	28.5	60 38 33.3	34.2
14	β Gruis.....	- 0.07	7.85	- 0.6	- 0.1	13.0	47 17 13.5	34.8
15	ϵ Gruis.....	- 0.04	7.82	+ 0.9	0	17.9	51 43 18.5	34.4
16	[ζ Gruis].....			- 0.4	0	19.6	53 10 2.5	35.1
17	γ Tucanae.....	- 0.04	7.86	+ 0.7	0	26.1	58 39 31.9	34.6

Elementos de reducción

$e - k = -0.18$
 $n = -0.19$
 $a \ 19^h 0 \ \Delta t + m = -7.65$

Marcha horaria del reloj = -0.037
 Punto del ecuador adoptado = +2' 34.3
 Lectura del Nadir = 214° 51' 56.1

ZONA 70 A

Fecha : Septiembre 8 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	λ Pavonis.....	- 0.02	- 8.38	- 0.9	0"	30.6	62° 14' 56.6	+ 2' 34.6
2	(372).....	- 0.05	8.73	+ 0.4	0	18.7	52 25 43.1	34.3
3	[Pavonis 60 G].....	- 0.01	8.52	0	0	36.8	66 46 18.9	34.7
4	(379).....	- 0.04	8.75	- 0.9	0	21.0	54 27 27.9	35.0
5	[i Telescopii].....	- 0.05	8.60	+ 0.6	0	14.1	48 14 41.4	34.1
6	[r Telescopii].....	- 0.04	8.61	- 0.4	0	23.5	56 31 47.9	33.3
7	(387).....	- 0.03	8.62					
8	α Pavonis.....	- 0.03	8.56	+ 0.6	0	24.1	56 58 10.7	34.1
9	α Indi.....	- 0.06	8.59	+ 0.7	0	13.4	47 32 56.5	34.8
10	β Pavonis.....			0	0	36.5	56 28 14.4	36.2
11	β Indi.....			- 0.4	0	26.3	58 44 10.9	34.7
12	[Indi 23 G].....	- 0.04	8.81	- 1.4	0	20.1	53 34 32.6	34.9
13	γ Pavonis.....			- 0.4	0	35.4	65 42 42.8	35.6
14	[δ Indi].....	- 0.04	8.73	- 0.6	0	22.2	55 21 22.3	35.8
15	α Tucanae.....	- 0.03	8.56	- 0.7	0	28.7	60 38 32.9	34.9
16	β Gruis.....	- 0.06	8.77	- 2.9	0	13.1	47 17 13.5	35.0
17	ϵ Gruis.....	- 0.04	8.68	+ 2.6	0	18.0	51 43 17.7	35.4
18	ζ Gruis.....			+ 0.7	0	19.7	53 10 3.1	34.7
19	γ Tucanae.....	- 0.03	8.76	0	0	26.2	58 39 32.1	34.7

Elementos de reducción

$$c - k = -0.18$$

$$n = -0.19$$

$$a \ 19^h 0 \ \Delta t + m = -8.57$$

$$\text{Marcha horaria del reloj} = -0.037$$

$$\text{Punto del ecuador adoptado} = +2' 34.9$$

$$\text{Lectura del Nadir} = 214^\circ 51' 55.7$$

ZONA 71 A

Fecha : Septiembre 20 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	$\bar{\epsilon}$ Pavonis.....	+ 0.69	+ 35.28	+ 0.7	0"	35.6	66° 25' 26.5	- 1' 7.0
2	α Pavonis.....	+ 0.49	35.10	+ 0.6	0	23.6	57 1 53.8	7.1
3	$\bar{\eta}$ Pavonis.....	+ 0.69	35.29	+ 0.7	0	35.7	66 31 58.5	5.7
4	$\bar{\delta}$ Indi.....	+ 0.51	35.11	+ 0.3	+ 0.1	25.7	58 47 55.2	7.4
5	γ Pavonis.....	+ 0.67	35.11	+ 1.2	0	34.7	65 46 27.6	6.6
6	(422).....	+ 0.65	35.08	+ 0.9	- 0.1	34.0	65 13 39.8	7.3
7	[o Indi].....	+ 0.82	35.09	- 0.4	+ 0.1	40.8	70 2 51.7	5.5
8	[δ Indi].....	+ 0.46	35.11	- 0.6	0	21.7	55 25 7.1	6.4
9	α Gruis.....	+ 0.37	35.05	+ 0.4	- 0.1	12.9	47 23 37.2	6.1
10	α Tucanae.....	+ 0.55	35.12	+ 0.3	+ 0.1	28.1	60 42 17.5	6.9
11	$\bar{\epsilon}$ Gruis.....	+ 0.37	34.98	0	0	12.8	47 20 56.9	6.1
12	ϵ Gruis.....	+ 0.42	35.05	+ 1.0	+ 0.1	17.6	51 47 2.4	6.8
13	ζ Gruis.....	+ 0.43	35.04	+ 0.3	- 0.1	19.2	53 13 47.4	6.9
14	γ Tucanae.....	+ 0.51	34.96	0	- 0.1	25.6	58 43 17.1	7.4

Elementos de reducción

$$c - k = + 0.15$$

$$n = - 0.14$$

$$a \ 20^h 0 \ \Delta t + m = + 35.16$$

$$\text{Marcha horaria del reloj} = -0.038$$

$$\text{Punto del ecuador adoptado} = -1' 6.7$$

$$\text{Lectura del Nadir} = 214^\circ 55' 38.2$$

Z O N A 7 2 A

Fecha : Septiembre 28 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Indi.....	+ 0.55	- 32.15	+ 0.4	+ 0.1	13.1	47°36'40.2	- 1' 6.1
2	β Pavonis.....	+ 1.06	32.00	- 0.2	+ 0.1	35.7	66 32 0.1	5.9
3	β Indi.....	+ 0.77	32.17	- 0.2	- 0.1	25.7	58 47 55.5	6.4
4	γ Pavonis.....	+ 1.01	32.15	- 0.6	0	34.7	65 46 28.1	5.6
5	(422).....	+ 1.00	32.39	- 0.4	- 0.1	34.0	65 13 41.2	7.1
6	[θ Indi].....			+ 0.2	+ 0.1	40.9	70 2 53.4	5.4
7	δ Indi.....	+ 0.70	32.23	+ 0.4	0	21.7	55 25 8.6	6.3
8	α Gruis.....	+ 0.55	32.13	+ 0.6	- 0.1	12.9	47 23 38.7	6.1
9	α Tucanae.....	+ 0.83	32.12	0	+ 0.1	28.1	60 42 19.6	7.1
10	β Gruis.....	+ 0.55	32.23	0	0	12.8	47 20 58.4	6.0
11	ϵ Gruis.....	+ 0.62	32.31	- 0.2	+ 0.1	17.6	51 47 4.0	6.5
12	ζ Gruis.....	+ 0.65	32.15	- 0.4	- 0.1	19.3	53 13 48.5	6.3
13	γ Tucanae.....			- 0.3	- 0.1	25.7	58 43 18.6	6.9
14	[θ Gruis].....	+ 0.65	32.40	- 0.6	+ 0.1	19.2	53 12 41.6	6.3
15	(474).....			+ 0.2	- 0.1	16.5	50 43 0.7	6.7
16	ϵ Tucanae.....	+ 1.03	32.42	- 1.0	- 0.1	35.2	66 4 7.3	5.8

Elementos de reducción

$$c - k = + 0.16$$

$$n = - 0.28$$

$$a 20^h 0 \Delta t + m = - 32.17$$

$$\text{Marcha horaria del reloj} = - 0.038$$

$$\text{Punto del ecuador adoptado} = - 1' 6.3$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 37.1$$

Z O N A 7 3 A

Fecha : Octubre 4 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	γ Pavonis.....	+ 0.94	+ 22.63	+ 0.7	0.	34.8	65°46'29.3	- 1' 5.7
2	(422).....	+ 0.92	22.38	- 0.4	- 0.1	34.1	65 13 41.8	6.5
3	[θ Indi].....	+ 1.16	22.42	- 0.3	+ 0.1	41.1	70 2 54.1	4.8
4	[δ Indi].....	+ 0.65	22.46	+ 0.3	0	21.8	55 25 9.0	5.6
5	α Gruis.....	+ 0.51	22.60	- 0.3	- 0.1	12.9	47 23 38.6	5.0
6	α Tucanae.....	+ 0.77	22.62	+ 0.9	+ 0.1	28.2	60 42 20.3	6.5

Elementos de reducción

$$c - k = + 0.17$$

$$n = - 0.24$$

$$a 21^h 0 \Delta t + m = + 22.57$$

$$\text{Marcha horaria del reloj} = - 0.037$$

$$\text{Punto del ecuador adoptado} = - 1' 5.7$$

ZONA 74 A

Fecha : Octubre 5 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Indi.....	+ 0.53	+ 21.92	+ 0.9	+ 0.1	13.2	47 36 41.5	- 1' 6.6
2	β Pavonis.....	+ 1.00	22.03	- 0.2	0	36.1	66 32 0.9	5.8
3	γ Pavonis.....	+ 0.97	21.73	+ 0.7	0	35.2	65 46 29.6	5.7
4	(422).....			+ 1.0	- 0.1	34.4	65 13 41.2	5.7
5	[θ Indi].....	+ 1.20	21.77	- 0.3	+ 0.1	41.4	70 2 54.6	5.1
6	[δ Indi].....	+ 0.67	21.76	+ 0.6	0	22.0	55 25 8.7	5.0
7	α Gruis.....	+ 0.53	21.97	+ 0.7	0	13.0	47 23 38.7	4.9
8	α Tucanae.....	+ 0.79	21.92	+ 0.2	+ 0.1	28.5	60 42 20.0	6.0
9	β Gruis.....	+ 0.53	21.91	0	0	13.0	47 20 58.7	4.9
10	ϵ Gruis.....	+ 0.59	21.76	+ 0.2	+ 0.1	17.9	51 47 5.4	6.6
11	[ζ Gruis].....	+ 0.62	21.87	0	0	19.5	53 13 49.5	5.6
12	γ Tucanae.....	+ 0.75	21.68	0	- 0.1	26.0	58 43 19.1	5.7
13	(466).....	+ 0.89	21.78	+ 0.7	0	32.3	63 35 55.1	5.3
14	(474).....			+ 0.7	- 0.1	16.7	50 43 1.5	5.9
15	ϵ Tucanae.....	+ 0.99	21.87	+ 0.7	0	35.7	66 4 8.0	4.8

Elementos de reducción

$$c - k = + 0.17$$

$$n = - 0.25$$

$$a 20^h 5 \Delta t + m = + 21.91$$

$$\text{Marcha horaria del reloj} = - 0.038$$

$$\text{Punto del ecuador adoptado} = - 1' 5.5$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 36.5$$

ZONA 75 A

Fecha : Octubre 6 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Indi.....	+ 0.49	+ 21.32	+ 0.7	0"	13.1	47 36 41.3	- 1' 6.4
2	β Pavonis.....	+ 0.94	21.50	+ 0.2	0	35.8	66 32 0.7	5.4
3	β Indi.....	+ 0.70	21.28	+ 0.7	0	25.7	58 47 56.9	6.7
4	γ Pavonis.....	+ 0.91	21.25	+ 0.3	0	34.8	65 46 30.0	6.0
5	(422).....	+ 0.88	21.25	+ 1.0	0	34.0	65 13 41.7	6.0
6	[θ Indi].....	+ 1.12	21.16	- 0.7	+ 0.1	41.0	70 2 54.6	4.9
7	[δ Indi].....	+ 0.62	21.15	+ 0.6	0	21.8	55 25 8.7	4.9
8	α Gruis.....	+ 0.49	21.15	+ 0.6	0	12.9	47 23 39.2	5.3
9	α Tucanae.....	+ 0.74	21.24	+ 0.6	0	28.1	60 42 20.2	5.9
10	(443).....	+ 0.80	21.15	+ 0.6	0	30.3	62 26 26.2	5.3
11	ρ Indi.....	+ 1.14	21.28	+ 0.7	+ 0.1	41.7	70 32 57.8	5.3
12	[ζ Gruis].....	+ 0.58	21.29	+ 0.9	0	19.3	53 13 49.8	5.7
13	γ Tucanae.....	+ 0.70	21.11	+ 0.2	0	25.7	58 43 19.4	5.9
14	[θ Gruis].....	+ 0.58	21.09	0	+ 0.1	19.2	53 12 42.8	5.6
15	(474).....			+ 0.2	0	16.5	50 43 2.4	6.5
16	ϵ Tucanae.....	+ 0.91	21.02	- 0.4	0	35.2	66 4 8.6	4.9

Elementos de reducción

$$c - k = + 0.17$$

$$n = - 0.22$$

$$a 20^h 0 \Delta t + m = + 21.27$$

$$\text{Marcha horaria del reloj} = - 0.040$$

$$\text{Punto del ecuador adoptado} = - 1' 5.7$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 36.8$$

ZONA 76 A

Fecha : Octubre 7 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Indi.....	+ 0.50	+ 20.39	+ 1.0	+ 0.1	12.9	47° 36' 41.3	- 1' 6.2
2	β Pavonis.....	+ 0.96	20.49	+ 0.4	0	35.2	66 32 0.7	5.3
3	δ Indi.....	+ 0.71	20.43	+ 0.6	- 0.1	25.3	58 47 57.1	6.7
4	[Indi 23 G].....	+ 0.60	20.26	+ 0.2	- 0.1	19.4	53 38 17.7	5.2
5	γ Pavonis.....	+ 0.93	20.40					
6	[δ Indi].....	+ 0.63	20.36	+ 1.6	0	21.0	55 25 9.2	5.2
7	α Gruis.....	+ 0.50	20.36	+ 0.7	- 0.1	12.7	47 23 39.4	5.3
8	(443).....	+ 0.81	20.27	+ 0.4	0	29.9	62 26 26.7	5.5
9	β Gruis.....	+ 0.50	20.37	+ 0.7	0	12.7	47 21 0.1	5.9
10	ϵ Gruis.....	+ 0.57	20.32	+ 0.4	+ 0.1	17.4	51 47 5.4	6.1
11	ρ Indi.....	+ 1.17	20.33	0	+ 0.1	41.2	70 32 57.7	5.0
12	[Tucanae 25 G].....	+ 0.81	20.39	+ 0.3	0	30.0	62 29 7.0	5.6
13	[θ Gruis].....	+ 0.60	20.30	- 0.3	+ 0.1	19.0	53 12 43.2	5.9
14	(474).....	+ 0.55	20.19	+ 0.7	- 0.1	16.3	50 43 2.9	6.8
15	ϵ Tucanae.....	+ 0.94	20.29	+ 0.3	0	34.8	66 4 9.4	5.4

Elementos de reducción

$$e - k = + 0.17$$

$$n = - 0.23$$

$$a 20^h 5 \Delta t + m = + 20.41$$

Marcha horaria del reloj = - 0.040

Punto del ecuador adoptado = - 1.5.7

Lectura del Nadir = 214° 55' 37.7

ZONA 77 A

Fecha : Octubre 11 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	γ Pavonis.....	+ 1.15	+ 49.04	+ 0.7	0	33.7	65° 46' 31.5	- 1' 6.7
2	[δ Indi].....	+ 0.78	49.03	- 0.3	0	21.1	55 25 11.3	6.6
3	α Gruis.....	+ 0.61	49.11	+ 0.7	0	12.5	47 23 41.3	6.6
4	α Tucanae.....	+ 0.93	49.21	+ 0.4	0	27.3	60 42 22.7	7.5
5	(443).....	+ 1.00	49.03	+ 0.2	0	29.4	62 26 28.5	6.5
6	ρ Indi.....	+ 1.44	49.26	- 0.3	0	40.4	70 32 59.6	6.0
7	[θ Gruis].....	+ 0.72	48.90	+ 0.2	0	18.6	53 12 45.2	6.9
8	ϵ Tucanae.....	+ 1.15	48.97	+ 0.6	0	33.2	66 4 10.9	5.8

Elementos de reducción

$$e - k = + 0.18$$

$$n = - 0.32$$

$$a 21^h 0 \Delta t + m = + 49.10$$

Marcha horaria del reloj = - 0.022

Punto del ecuador adoptado = - 1.6.6

Lectura del Nadir = 214° 55' 37.7

ZONA 78 A

Fecha : Octubre 25 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Tucanae	+ 0 ^s 54	+ 42 ^s 07	+ 0 ^{''} 4	+ 0 ^{''} 1	28 ^{''} 2	60° 42' 23 ^{''} 7	- 1' 6 ^{''} 1
2	(443).....			+ 0 ^{''} 3	0	30 ^{''} 4	62 26 31 ^{''} 2	6 ^{''} 5
3	ε Gruis	+ 0 ^{''} 41	41 ^{''} 94	+ 1 ^{''} 2	+ 0 ^{''} 1	17 ^{''} 7	51 47 9 ^{''} 7	7 ^{''} 0
4	ρ Indi	+ 0 ^{''} 81	41 ^{''} 94	+ 0 ^{''} 6	+ 0 ^{''} 1	41 ^{''} 9	70 33 2 ^{''} 0	6 ^{''} 3
5	γ Tucanae	+ 0 ^{''} 51	41 ^{''} 88	+ 0 ^{''} 7	0	25 ^{''} 8	58 43 24 ^{''} 8	6 ^{''} 9
6	(466).....	+ 0 ^{''} 60	41 ^{''} 87	0	0	32 ^{''} 0	63 36 1 ^{''} 8	7 ^{''} 1
7	δ Tucanae.....	+ 0 ^{''} 66	41 ^{''} 95	+ 0 ^{''} 2	0	35 ^{''} 4	66 4 15 ^{''} 7	6 ^{''} 9
8	ε Phoenicis	+ 0 ^{''} 36	41 ^{''} 85	+ 0 ^{''} 9	0	11 ^{''} 7	46 14 10 ^{''} 2	7 ^{''} 1
9	ζ Tucanae.....	+ 0 ^{''} 64	41 ^{''} 92	0	- 0 ^{''} 1	34 ^{''} 5	65 23 41 ^{''} 5	7 ^{''} 0
10	[ν^1 Phoenicis].....	+ 0 ^{''} 39	41 ^{''} 90	+ 0 ^{''} 3	+ 0 ^{''} 1	15 ^{''} 0	49 17 33 ^{''} 6	6 ^{''} 3
11	[ν Phoenicis].....	+ 0 ^{''} 49	41 ^{''} 97	+ 0 ^{''} 3	0	24 ^{''} 9	57 56 54 ^{''} 2	6 ^{''} 0
12	ξ Phoenicis.....	+ 0 ^{''} 38	41 ^{''} 75	+ 0 ^{''} 3	0	12 ^{''} 8	47 11 30 ^{''} 9	6 ^{''} 4
13	[ν Phoenicis].....	+ 0 ^{''} 34	41 ^{''} 85	+ 1 ^{''} 9	0	9 ^{''} 1	43 46 15 ^{''} 0	6 ^{''} 3
14	α Eridani	+ 0 ^{''} 42	41 ^{''} 78	+ 0 ^{''} 3	- 0 ^{''} 1	18 ^{''} 1	52 2 55 ^{''} 3	6 ^{''} 0

Elementos de reducción

$$c - k = + 0^s19$$

$$n = - 0^{''}09$$

$$a 22^h0 \Delta t + m = + 41^{''}95$$

$$\text{Marcha horaria del reloj} = - 0^s027$$

$$\text{Punto del ecuador adoptado} = - 1' 6^{''}6$$

ZONA 79 A

Fecha : Octubre 26 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ε Indi	+ 0 ^s 51	+ 41 ^s 40	+ 0 ^{''} 6	0 ^{''}	23 ^{''} 7	57° 9' 31 ^{''} 4	- 1' 6 ^{''} 3
2	α Tucanae	+ 0 ^{''} 57	41 ^{''} 37	0	0	28 ^{''} 0	60 42 24 ^{''} 9	7 ^{''} 0
3	(443).....	+ 0 ^{''} 61	41 ^{''} 22	+ 0 ^{''} 3	0	30 ^{''} 2	62 26 31 ^{''} 1	6 ^{''} 3
4	ε Gruis	+ 0 ^{''} 43	41 ^{''} 30	+ 0 ^{''} 2	0	17 ^{''} 6	51 47 10 ^{''} 0	7 ^{''} 1
5	ρ Indi	+ 0 ^{''} 86	41 ^{''} 45	- 1 ^{''} 6	+ 0 ^{''} 1	41 ^{''} 6	70 33 3 ^{''} 2	6 ^{''} 3
6	γ Tucanae	+ 0 ^{''} 53	41 ^{''} 36	- 0 ^{''} 2	0	25 ^{''} 7	58 43 24 ^{''} 9	6 ^{''} 8
7	(466).....	+ 0 ^{''} 63	41 ^{''} 24	+ 0 ^{''} 9	0	31 ^{''} 8	63 36 1 ^{''} 1	6 ^{''} 1
8	δ Tucanae.....	+ 0 ^{''} 70	41 ^{''} 29	+ 0 ^{''} 3	0	35 ^{''} 1	66 4 14 ^{''} 9	5 ^{''} 9
9	ε Tucanae.....	+ 0 ^{''} 68	41 ^{''} 34	+ 0 ^{''} 9	0	34 ^{''} 2	65 23 40 ^{''} 8	6 ^{''} 1
10	μ Phoenicis	+ 0 ^{''} 38	41 ^{''} 15	- 0 ^{''} 6	0	13 ^{''} 0	46 34 13 ^{''} 5	5 ^{''} 9
11	[ν Phoenicis].....	+ 0 ^{''} 52	41 ^{''} 42	+ 0 ^{''} 7	0	24 ^{''} 8	57 56 53 ^{''} 7	5 ^{''} 2
12	[ν^2 Tucanae].....	+ 0 ^{''} 84	41 ^{''} 21	- 0 ^{''} 7	0	40 ^{''} 9	70 0 21 ^{''} 6	6 ^{''} 0
13	ξ Phoenicis	+ 0 ^{''} 39	41 ^{''} 12	+ 0 ^{''} 2	0	12 ^{''} 7	47 11 30 ^{''} 2	5 ^{''} 4
14	α Eridani	+ 0 ^{''} 58	41 ^{''} 05	+ 0 ^{''} 6	- 0 ^{''} 1	18 ^{''} 6	52 2 54 ^{''} 7	5 ^{''} 1

Elementos de reducción

$$c - k = + 0^s19$$

$$n = - 0^{''}12$$

$$a 22^h0 \Delta t + m = + 41^{''}34$$

$$\text{Marcha horaria del reloj} = - 0^s027$$

$$\text{Punto del ecuador adoptado} = - 1' 6^{''}1$$

$$\text{Lectura del Nadir} = 214^{\circ} 55' 37^{''}2$$

ZONA 80 A

Fecha : Noviembre 1º de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	α Tucanae (443)	- 0.35	+ 37.41	+ 0.7	0"	27.0	60 38 46.2	+ 2 32.4
2	ϵ Gruis	- 0.28	37.35	- 0.7	0	29.2	62 22 52.4	33.4
3	δ Indi	- 0.50	37.50	+ 0.7	0	17.0	51 43 30.8	33.0
4	γ Tucanae	- 0.33	37.33	= 0.4	0	40.2	70 29 24.5	33.4
5	(465)	- 0.38	37.21	+ 0.7	0	24.8	58 39 46.4	32.9
6	ϵ Tucanae	- 0.41	37.40	0	0	30.7	63 32 23.2	33.1
7	ϵ Phoenicis	- 0.26	37.18	+ 0.2	0	34.0	66 0 37.2	33.2
8	α Tucanae	- 0.40	37.39	+ 0.4	0	11.3	46 10 31.2	33.3
9	[δ^1 Phoenicis]	- 0.27	37.23	0	0	14.4	49 13 55.5	33.5
10	[ϵ Phoenicis]	- 0.32	37.41	+ 0.7	0	23.9	57 53 16.2	33.9
11	β Phoenicis	- 0.27	37.14	0	0	12.3	47 7 52.3	34.0
12	[γ Phoenicis]	- 0.25	37.17	- 0.6	0	8.8	43 42 36.6	33.8
13	α Eridani	- 0.28	37.19	+ 0.7	0	17.4	51 59 17.1	34.1
14	[ϵ Hydri]	- 0.46	37.27	+ 0.4	0	37.8	68 35 11.8	33.4
15	α Horoljii	- 0.46	37.27	- 0.6	0	26.6	60 1 18.7	33.4
16	[Horoljii 38 G]	- 0.46	37.27	- 0.4	0	23.7	57 35 37.3	34.6

Elementos de reducción

$c - k = - 0.23$
 $n = - 0.07$
 $a \ 22^h 0 \ \Delta t + m = + 37.36$

Marcha horaria del reloj = - 0.027
 Punto del ecuador adoptado = + 2' 33.5
 Lectura del Nadir = 214° 51' 58.0

ZONA 81 A

Fecha : Noviembre 3 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	δ Indi	- 0.61	+ 36.19	+ 0.6	- 0.1	41.5	70 29 24.3	+ 2 34.0
2	ϵ Tucanae	- 0.49	36.11	0	0	35.1	66 0 37.1	33.8
3	ϵ Tucanae	- 0.49	36.05	- 0.3	0	34.2	65 20 3.7	33.0
4	α Phoenicis	- 0.30	36.00	+ 0.4	0	12.0	46 30 34.6	34.9
5	[γ Phoenicis]	- 0.38	36.20	- 0.6	- 0.1	24.7	57 53 16.2	34.4
6	[α^2 Tucanae]	- 0.59	35.95	+ 0.3	+ 0.1	40.9	69 56 44.4	33.7
7	α Eridani	- 0.33	35.95	- 1.9	- 0.1	18.0	51 59 17.7	34.1

Elementos de reducción

$c - k = - 0.23$
 $n = - 0.03$
 $a \ 22^h 0 \ \Delta t + m = + 36.08$

Marcha horaria del reloj = - 0.027
 Punto del ecuador adoptado = + 2' 34.0
 Lectura del Nadir = 214° 51' 57.2

ZONA 82 A

Fecha : Noviembre 4 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	γ Tucanae	- 0.36	+ 35.60	- 0.9	0.	25.5	58° 39' 46.3	+ 2 33.5
2	[θ Gruis].....	- 0.32	35.43	+ 1.5	- 0.1	19.1	53 9 9.1	34.2
3	ε Tucanae.....	- 0.45	35.51	- 0.9	0	35.0	66 0 36.6	34.5
4	ζ Tucanae	- 0.44	35.58	+ 1.3	0	34.1	65 20 2.1	34.8
5	ν Phoenicis	- 0.28	35.51	- 1.0	0	11.9	46 30 34.7	35.1
6	[ν^2 Phoenicis].....	- 0.35	35.56	- 0.7	- 0.1	24.6	57 53 16.0	34.8
7	[ν^2 Tucanae].....			+ 0.2	0	40.7	69 56 44.3	33.8
8	β Phoenicis	- 0.29	35.43	- 0.7	- 0.1	12.6	47 7 51.7	35.4
9	ζ Eridani	- 0.31	35.37	0	0	17.9	51 59 17.3	34.7

Elementos de reducción

$$c - k = - 0.23$$

$$n = - 0.05$$

$$a 23^{\text{h}} \Delta t + m = + 35.52$$

$$\text{Marcha horaria del reloj} = - 0.027$$

$$\text{Punto del ecuador adoptado} = + 2' 34.5$$

$$\text{Lectura del Nadir} = 214^{\circ} 51' 56.5$$

ZONA 83 A

Fecha : Noviembre 9 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ε Indi.....	- 0.36	+ 32.05	+ 0.2	0.	40.1	70° 29' 26.5	+ 2' 32.5
2	[θ Gruis].....	- 0.23	32.12	0	0	18.5	53 9 12.2	31.9
3	ε Tucanae.....	- 0.31	32.10	+ 0.3	0	33.9	66 0 40.0	32.2
4	ζ Tucanae.....	- 0.31	32.09	+ 0.2	0	33.0	65 20 5.4	32.7
5	ν Phoenicis	- 0.21	32.01	+ 0.9	0	11.6	46 30 38.2	32.7
6	[ν^2 Phoenicis].....	- 0.25	32.16	+ 0.2	+ 0.1	23.8	57 53 19.2	32.8
7	[ν^2 Tucanae].....			- 0.2	0	39.4	69 56 47.2	32.3
8	β Phoenicis	- 0.22	31.96	+ 0.6	+ 0.1	12.2	47 7 54.5	33.7
9	ζ Eridani.....	- 0.25	32.05	- 0.7	- 0.1	23.6	57 37 35.1	32.2
10	ζ Eridani.....	- 0.23	32.03	- 0.6	0	17.3	51 59 19.9	33.5
11	[ν Horoljii].....	- 0.27	32.05	- 0.3	0	27.1	60 38 56.8	31.9
12	[ε Hydri].....			- 0.4	0	37.5	68 35 15.0	32.8

Elementos de reducción

$$c - k = - 0.23$$

$$n = - 0.08$$

$$a 23^{\text{h}} \Delta t + m = + 32.10$$

$$\text{Marcha horaria del reloj} = - 0.028$$

$$\text{Punto del ecuador adoptado} = + 2' 32.6$$

$$\text{Lectura del Nadir} = 214^{\circ} 51' 58.6$$

ZONA 84 A

Fecha : Noviembre 15 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ε Tucanae.....	- 0.27	+ 28.01	+ 0.4	0"	34.3	66° 0' 40.8	+ 2' 32.6
2	[γ^1 Phoenicis].....	- 0.22	27.96	0	+ 0.1	14.6	49 13 59.4	32.6
3	μ Phoenicis.....	- 0.21	28.04	- 0.4	0	11.7	46 30 39.8	32.4
4	[γ^2 Phoenicis].....	- 0.25	28.10	+ 0.6	+ 0.1	24.2	57 53 20.7	32.7
5	[λ^2 Tucanae].....			- 0.7	- 0.1	39.9	69 56 48.0	32.9
6	[ι Tucanae].....	- 0.15	27.95	0	0	29.4	62 11 19.4	31.8
7	α Eridani.....	- 0.25	27.94	- 0.2	- 0.1	23.9	57 37 36.3	32.7
8	ζ Eridani.....	- 0.15	27.86	0	0	17.6	51 59 21.7	33.3
9	α Hydri.....	- 0.28	28.03	+ 0.4	0	29.1	61 56 27.7	33.4
10	[γ Horoljii].....	- 0.26	28.05	- 1.5	+ 0.1	27.6	60 38 58.3	32.2
11	[ε Hydri].....	- 0.30	27.99	- 0.4	0	38.1	68 35 16.9	32.9

Elementos de reducción

$c - k = - 0.23$
 $n = - 0.09$
 $a \text{ o } b \text{ o } \Delta t + m = + 28.02$

Marcha horaria del reloj = - 0.024
 Punto del ecuador adoptado = + 2' 32.7
 Lectura del Nadir = 214° 51' 58.6

ZONA 85 A

Fecha : Noviembre 16 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ε Tucanae.....	- 0.35	+ 27.69	0"	0"	34.2	66° 0' 41.6	+ 2' 31.9
2	[λ^1 Phoenicis].....	- 0.24	27.46	+ 0.9	0	14.5	49 13 59.7	32.5
3	μ Phoenicis.....	- 0.23	27.51	- 0.3	0	11.7	46 30 39.7	32.6
4	[γ^2 Phoenicis].....	- 0.28	27.71	- 3.6	0	24.1	57 53 22.2	31.4
5	[λ^2 Tucanae].....	- 0.41	27.69	- 0.6	0	39.8	69 56 49.3	31.9
6	[ι Tucanae].....	- 0.31	27.62	+ 0.4	0	29.3	62 11 19.6	31.9
7	α Eridani.....	- 0.28	27.61	- 0.3	0	23.8	57 37 37.8	31.5
8	ζ Eridani.....	- 0.25	27.52	+ 0.7	0	17.5	51 59 23.2	32.1
9	α Hydri.....	- 0.31	27.50	+ 0.6	0	29.0	61 56 29.0	32.4
10	[γ Eridani].....	- 0.25	27.57					
11	[λ Horoljii].....	- 0.29	27.63	- 0.2	0	27.4	60 38 58.5	32.4
12	[ε Hydri].....	- 0.39	27.64	- 0.7	0	37.9	68 35 18.6	31.5
13	[Horoljii 38 G].....	- 0.28	27.56	- 1.3	0	23.8	57 35 44.6	32.1
14	[α Reticuli].....	- 0.32	27.47	- 2.0	0	30.6	63 11 34.9	31.2
15	β Reticuli.....	- 0.34	27.45	+ 0.7	0	33.0	65 1 46.7	32.3
16	[ζ Doradus].....	- 0.28	27.33	0	0	23.7	57 32 30.3	32.7
17	δ Doradus.....	- 0.37	27.54	0	0	36.0	67 14 2.7	32.1

Elementos de reducción

$c - k = - 0.23$
 $n = - 0.10$
 $a \text{ o } b \text{ o } \Delta t + m = + 27.59$

Marcha horaria del reloj = - 0.024
 Punto del ecuador adoptado = + 2' 31.0
 Lectura del Nadir = 214° 51' 59.2

ZONA 86 A

Fecha : Noviembre 17 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ϵ Tucanae.....	- 0.24	+ 27.06	- 0.2	0.0	34.3	66° 0' 40.2	+ 2' 33.4
2	ζ Tucanae.....	- 0.24	26.94	0	0	33.4	65 20 6.5	33.1
3	ν Phoenicis.....	- 0.18	26.90	- 0.6	0	11.7	46 30 39.4	33.1
4	[ζ Phoenicis].....	- 0.20	27.04	0	0	24.1	57 53 20.0	34.0
5	[ζ Tucanae].....	- 0.28	26.85	0	0	39.9	69 56 48.6	32.8
6	[ϵ Tucanae].....	- 0.22	26.90	+ 0.4	0	29.4	62 11 18.8	32.9
7	ζ Eridani.....	- 0.19	26.97					
8	α Hydri.....	- 0.22	26.85					
9	[ζ Eridani].....	- 0.19	26.85	- 0.9	0	16.9	51 51 44.4	33.9
10	[ζ Horoljii].....	- 0.21	26.92	- 0.3	0	27.6	60 38 57.7	33.5
11	[ϵ Hydri].....	- 0.26	27.05	- 0.7	0	38.2	68 35 17.2	33.2
12	ν Horoljii.....	- 0.21	26.77	- 3.6	0	26.9	60 1 23.9	33.4
13	[Horoljii 38 G].....	- 0.20	26.87	+ 1.0	0	24.0	57 35 33.8	33.2
14	[ζ Reticuli].....	- 0.23	26.74	+ 0.2	0	30.8	63 11 33.0	33.4
15	β Reticuli.....	- 0.23	26.78	- 0.3	0	33.3	65 1 45.6	33.8

Elementos de reducción

$$c - k = - 0.23$$

$$n = - 0.14$$

$$a \text{ o } \text{b} \text{ o } \Delta t + m = + 26.93$$

$$\text{Marcha horaria del reloj} = - 0.024$$

$$\text{Punto del ecuador adoptado} = + 2' 33.4$$

$$\text{Lectura del Nadir} = 214^{\circ} 51' 57.4$$

ZONA 87 A

Fecha : Noviembre 24 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	ν Phoenicis.....	- 0.25	+ 23.20	+ 0.7	0.0	11.5	46° 30' 41.2	+ 2' 32.6
2	[ζ Phoenicis].....	- 0.31	23.51	+ 0.6	0	23.7	57 53 23.1	32.1
3	β Phoenicis.....	- 0.26	23.27	- 0.6	0	12.1	47 7 58.5	33.1
4	[ϵ Tucanae].....	- 0.34	23.42	+ 0.2	0	29.4	62 11 22.6	30.7
5	[ν Phoenicis].....	- 0.25	23.28	0	0	8.7	43 42 43.1	32.8

Elementos de reducción

$$c - k = - 0.23$$

$$n = - 0.08$$

$$a \text{ o } \text{b} \text{ o } \Delta t + m = + 23.35$$

$$\text{Marcha horaria del reloj} = - 0.019$$

$$\text{Punto del ecuador adoptado} = + 2' 32.2$$

ZONA 88 A

Fecha : Noviembre 29 de 1914.

N°	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	μ Phoenicis	- 0.23	+ 21.43	0"	0"	11.9	46 30 41.6	+ 2' 33.7
2	[α Phoenicis].....	- 0.28	21.68	- 0.6	0	23.9	57 53 23.3	32.7
3	β Phoenicis	- 0.24	21.42	- 0.4	0	12.3	47 7 58.2	34.3
4	[ι Tucanae]	- 0.31	21.56	+ 1.5	0	29.2	62 11 21.2	33.1
5	[γ Phoenicis].....			0	0	8.8	43 42 43.6	33.7
6	α Hydri	- 0.31	21.50	+ 1.0	0	28.7	61 56 32.1	32.8
7	[λ Horoljii].....	- 0.29	21.56	- 0.6	0	27.2	60 39 2.9	31.6
8	[ε Hydri]	- 0.30	21.60	0	0	37.5	68 35 22.3	31.7
9	μ Horoljii.....	- 0.29	21.43	+ 1.5	0	26.4	60 1 29.4	31.6
10	[ϵ Eridani].....	- 0.23	21.45	- 0.3	0	8.4	43 21 3.9	32.5
11	β Reticuli.....	- 0.34	21.49	+ 0.3	0	32.7	65 1 51.3	32.1

Elementos de reducción

$c - k = - 0.23$
 $n = - 0.10$
 $a \ 0.5 \ \Delta t + m = + 21.52$

Marcha horaria del reloj = - 0.014
 Punto del ecuador adoptado = + 2' 32.7
 Lectura del Nadir = 214° 51' 58.3

ZONA 89 A

Fecha : Diciembre 1° de 1914.

N°	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[γ Phoenicis].....	- 0.29	+ 20.87	- 0.7	0"	8.8	43 42 44.0	+ 2' 33.7
2	α Hydri	- 0.44	20.94	+ 0.9	0	28.8	61 56 32.8	32.6
3	[γ Eridani].....	- 0.34	20.84	- 1.0	0	17.3	51 51 49.6	32.5
4	[λ Horoljii].....	- 0.42	20.91	- 0.7	0	27.3	60 39 2.9	32.3
5	μ Horoljii.....	- 0.41	20.77	- 0.4	0	26.5	60 1 29.1	32.5
6	[ϵ Eridani].....	- 0.29	20.87	- 1.0	0	8.4	43 21 3.6	32.1
7	[α Reticuli].....	- 0.46	20.79	+ 1.0	0	30.5	63 11 37.1	33.8
8	β Reticuli.....	- 0.48	21.01	- 1.3	0	32.9	65 1 50.8	33.3

Elementos de reducción

$c - k = - 0.23$
 $n = - 0.03$
 $a \ 1.0 \ \Delta t + m = + 20.90$

Marcha horaria del reloj = - 0.014
 Punto del ecuador adoptado = + 2' 32.8
 Lectura del Nadir = 214° 51' 58.1

ZONA 90 A

Fecha : Diciembre 2 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[γ Phoenicis]	- 0.31	+ 20.73	+ 2.2	0"	23.9	57° 53' 24.3	+ 2' 32.2
2	[λ^2 Tucanae]	- 0.47	20.51	- 0.2	0	39.4	69 56 53.0	32.1
3	[β Phoenicis]	- 0.26	20.57	+ 1.6	0	12.2	47 8 0.7	32.3
4	[α Eridani]	- 0.31	20.59	+ 0.3	0	23.6	57 37 41.0	32.0
5	[ζ Eridani]	- 0.28	20.42	0	0	17.3	51 59 27.1	32.2
6	[ξ Eridani]	- 0.28	20.43	0	0	17.2	51 51 49.7	32.6
7	[η Horoljii]	- 0.34	20.57	+ 0.6	0	27.1	60 39 4.0	31.4
8	[ϵ Hydri]	- 0.44	20.64	+ 0.4	0	37.5	68 35 23.3	31.5
9	[ϵ Eridani]	- 0.25	20.48	+ 0.7	0	8.4	43 21 4.7	31.4
10	[α Reticuli]			+ 0.6	0	30.3	63 11 39.2	32.1
11	[Horoljii 45 G]	- 0.27	20.42	- 1.0	0	15.9	50 37 25.0	31.5

Elementos de reducción

$$c - k = - 0.23$$

$$n = - 0.07$$

$$a 1^{\text{h}} \Delta t + m = + 20.55$$

$$\text{Marcha horaria del reloj} = - 0.014$$

$$\text{Punto del ecuador adoptado} = + 2' 31.9$$

$$\text{Lectura del Nadir} = 214^{\circ} 51' 58.9$$

ZONA 91 A

Fecha : Diciembre 9 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ζ Eridani]	- 0.36	+ 18.20	0"	0"	17.5	51° 51' 51.6	+ 2' 32.3
2	(54)	- 0.52	18.22	+ 0.7	0	32.4	64 22 3.5	33.7
3	[Horoljii 38 G]	- 0.42	18.28	+ 0.3	0	23.8	57 35 50.7	33.0
4	[α Reticuli]	- 0.50	18.17	- 0.3	0	30.3	63 11 40.2	33.3

Elementos de reducción

$$c - k = - 0.23$$

$$n = 0.$$

$$a 2^{\text{h}} \Delta t + m = + 18.23$$

$$\text{Marcha horaria del reloj} = - 0.014$$

$$\text{Punto del ecuador adoptado} = + 2' 33.1$$

$$\text{Lectura del Nadir} = 214^{\circ} 51' 58.2$$

ZONA 92 A

Fecha : Diciembre 15 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[Horologii 38 G].....	+ 0.45	+ 15.52	+ 0.3	0"	24.1	57° 39' 30.0	- 1' 4.7
2	[α Reticuli].....	+ 0.54	15.61	- 0.3	0	31.1	63 15 20.7	5.5
3	α Reticuli	+ 0.53	15.69	+ 0.2	- 0.1	30.4	62 42 16.1	7.0
4	α Doradus	+ 0.42	15.76	+ 0.9	0	21.4	55 14 15.5	6.6
5	[α Mensae].....			+ 0.3	0	42.2	71 6 15.5	6.0
6	[α^2 Pictoris].....	+ 0.37	15.59	+ 0.2	- 0.1	15.3	49 42 33.8	7.2
7	β Doradus.....			+ 0.2	+ 0.1	30.3	62 33 41.5	6.5
8	δ Doradus.....	+ 0.59	15.53	+ 0.6	0	34.5	65 46 59.6	5.7

Elementos de reducción

$c - k = + 0.19$
 $n = - 0.06$
 a 3^h0 $\Delta t + m = + 15.66$

Marcha horaria del reloj = - 0.02
 Punto del ecuador adoptado = - 1 6.4
 Lectura del Nadir = 214° 55' 37" 1

ZONA 93 A

Fecha : Diciembre 16 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[Horologii 38 G].....	+ 0.46	+ 7.49	+ 0.4	+ 0.5	23.9	57° 39' 30.4	- 1' 4.8
2	[α Reticuli]	+ 0.56	7.45	0	+ 0.1	30.8	63 15 21.5	6.0
3	β Reticuli.....	+ 0.60	7.58	+ 0.9	0	33.2	65 5 34.9	7.2
4	α Reticuli.....	+ 0.54	7.60	+ 0.7	- 0.6	30.1	62 42 16.1	6.7
5	[γ Reticuli]	+ 0.57	7.57	+ 0.4	- 0.3	31.3	63 36 21.0	6.0
6	α Doradus	+ 0.45	7.62	- 0.3	+ 0.4	21.2	55 14 16.6	7.4
7	[α^2 Pictoris].....	+ 0.37	7.49	- 0.2	- 0.8	15.1	49 42 34.4	7.4
8	θ Doradus.....	+ 0.65	7.63	- 0.3	- 0.7	36.3	67 17 51.6	6.2
9	β Doradus	+ 0.54	7.52	+ 0.7	+ 0.6	29.3	62 33 41.6	6.3
10	δ Doradus.....	+ 0.61	7.49	+ 1.0	- 0.5	34.2	65 47 0.5	6.3

Elementos de reducción

$c - k = + 0.19$
 $n = - 0.06$
 a 3^h0 $\Delta t + m = + 7.53$

Marcha horaria del reloj = + 0.008
 Punto del ecuador adoptado = - 1 6.6
 Lectura del Nadir = 214° 55' 37.8

ZONA 94 A

Fecha : Diciembre 21 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ϵ Hydri]	+ 0.76	+ 8.67	+ 0.4	0.	37.9	68° 39' 5.7	- 1' 6.5
2	α Horoljii	+ 0.55	8.51	+ 1.2	0	26.7	60 5 14.0	7.1
3	[Horoljii 38 G]	+ 0.50	8.52	- 0.2	0	23.8	57 39 32.6	5.8
4	[α Reticuli]	+ 0.61	8.41	- 0.6	0	30.6	63 15 23.0	6.3
5	β Reticuli	+ 0.65	8.59	0	0	33.0	65 5 36.7	6.6
6	[γ Doradus]	+ 0.42	8.52	- 0.7	0	17.2	51 43 8.1	5.2
7	α Doradus	+ 0.47	8.68	+ 0.4	0	21.1	55 14 18.7	6.9
8	[α Mensae]	+ 0.86	8.66					
9	δ Doradus	+ 0.72	8.58	- 0.2	- 0.1	36.1	67 17 53.3	6.2
10	δ Doradus	+ 0.59	8.57	- 0.9	0	29.9	62 33 44.0	6.9
11	δ Doradus	+ 0.67	8.50	- 0.7	0	34.1	65 47 2.3	6.2
12	α Argus	+ 0.44	8.49	0	0	18.3	52 39 53.4	6.4
13	ν Argus	+ 0.35	8.49	0	0	8.2	43 8 12.5	6.1

Elementos de reducción

$$c - k = +0.19$$

$$n = -0.09$$

$$a 2^h 5 \Delta t + m = +8.53$$

$$\text{Marcha horaria del reloj} = +0.008$$

$$\text{Punto del ecuador adoptado} = -1' 6.4$$

$$\text{Lectura del Nadir} = 214^\circ 55' 37.1$$

ZONA 95 A

Fecha : Diciembre 22 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[α Horoljii]	+ 0.54	+ 8.81	+ 0.4	+ 0.1	27.1	60 42' 48.7	- 1' 8.8
2	[ϵ Hydri]	+ 0.73	8.73	+ 0.4	0	37.5	68 39 7.6	8.2
3	[ϵ Eridani]	+ 0.34	8.81	- 0.2	0	8.4	43 24 49.9	8.8
4	[α Reticuli]	+ 0.58	8.68	0	0	30.3	63 15 25.2	8.2
5	[Horoljii 45 G]	+ 0.40	8.64	+ 0.3	0	15.8	50 41 11.1	9.0
6	α Reticuli	+ 0.57	8.79	- 0.2	- 0.1	29.6	62 42 19.9	8.7
7	[α Reticuli]	+ 0.59	8.81	+ 0.4	0	30.7	63 36 24.9	8.0
8	α Doradus	+ 0.45	8.90	+ 0.4	0	20.8	55 14 20.6	8.6
9	[α Pictoris]	+ 0.39	8.72	0	- 0.1	14.8	49 42 38.2	9.3
10	δ Doradus	+ 0.68	8.79	- 0.2	- 0.1	35.6	67 17 56.1	8.6
11	β Doradus	+ 0.57	8.79	0	+ 0.1	29.1	62 33 46.4	9.0
12	δ Doradus	+ 0.64	8.70	+ 0.9	- 0.1	33.6	65 47 5.2	8.8
13	α Argus			+ 0.4	0	18.0	52 39 55.5	7.8
14	ν Argus	+ 0.34	8.71	+ 0.6	+ 0.1	8.1	43 8 14.1	7.0

Elementos de reducción

$$c - k = +0.19$$

$$n = -0.08$$

$$a 2^h 0 \Delta t + m = +8.73$$

$$\text{Marcha horaria del reloj} = +0.008$$

$$\text{Punto del ecuador adoptado} = -1' 8.5$$

$$\text{Lectura del Nadir} = 214^\circ 55' 38.8$$

ZONA 96 A

Fecha : Diciembre 23 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[ϵ Eridani].....	+ 0.34	+ 8.92	0"	0"	8.3	43° 24' 48.7"	- 1' 7.3"
2	[β Reticuli].....	+ 0.61	8.95	0	0	32.2	65 5 38.3	7.7
3	[α Reticuli].....	+ 0.55	8.88	+ 0.2	- 0.1	29.2	62 42 20.2	8.7
4	[γ Reticuli].....	+ 0.58	8.96	+ 0.7	0	30.4	63 36 24.9	7.7
5	[ζ Doradus].....	+ 0.47	8.76	+ 0.3	0	23.2	57 36 23.8	8.1
6	[ξ Pictoris].....	+ 0.39	8.97	+ 0.3	+ 0.1	15.7	50 42 53.2	8.6
7	[δ Doradus].....	+ 0.62	8.85	0	- 0.1	33.2	65 47 4.6	7.8

Elementos de reducción

$c - k = + 0.19$
 $n = - 0.07$
 a 3"0 $\Delta t + m = + 8.89$

Marcha horaria del reloj = + 0.008
 Punto del ecuador adoptado = - 1' 8.0"
 Lectura del Nadir = 214° 55' 38.9"

ZONA 97 A

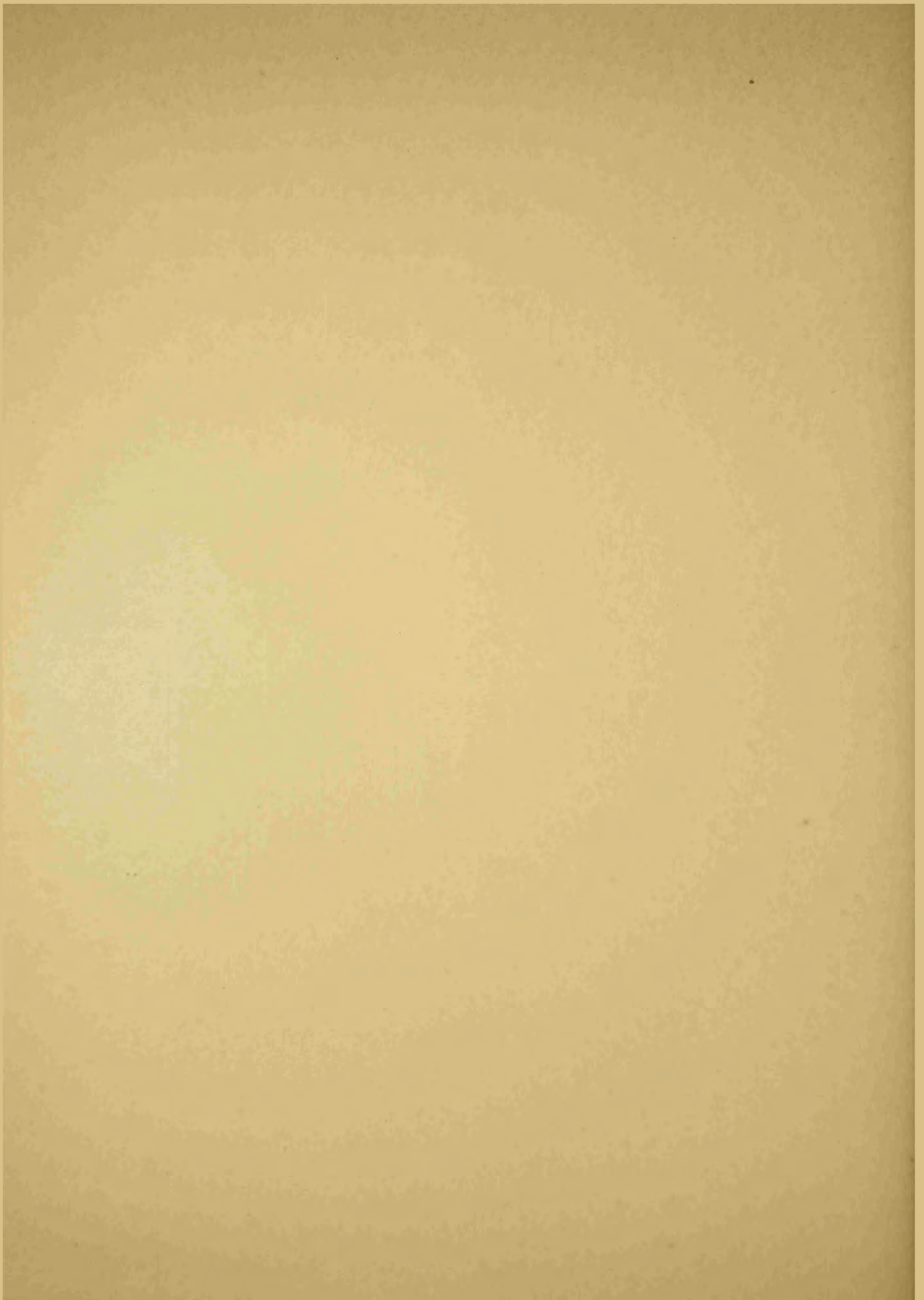
Fecha : Diciembre 29 de 1914.

Nº	Estrella	Cor. del instr.	$\Delta t + m$	Microm.	Runs.	Refr.	Lectura reducida	Punto del ecuador
1	[β Reticuli].....	+ 0.89	+ 10.37	+ 0.9	0"	31.9	65° 5' 39.4"	- 1' 7.4"
2	[γ Reticuli].....	+ 0.84	10.34	- 0.6	- 0.1	30.1	63 36 25.6	6.7
3	[δ Coeli].....	+ 0.48	10.32	+ 0.3	0	9.9	45 9 16.1	7.2
4	[α Mensae].....	+ 1.18	10.29	+ 0.2	0	40.2	71 6 20.8	6.8
5	[θ Doradus].....	+ 0.98	10.32	- 0.9	- 0.1	34.9	67 17 57.5	7.7
6	[ζ Pictoris].....	+ 0.55	10.31	- 0.7	+ 0.1	15.6	50 42 54.9	8.4
7	[δ Doradus].....	+ 0.91	10.22	0	- 0.1	32.9	65 47 6.9	8.0

Elementos de reducción

$c - k = + 0.19$
 $n = - 0.20$
 a 3"0 $\Delta t + m = + 10.31$

Marcha horaria del reloj = + 0.009
 Punto del ecuador adoptado = - 1' 7.4"
 Lectura del Nadir = 214° 55' 38.6"



ZONA 2 A

Enero 6 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		6 ^b 8 ^m 18 ^s 48	54° 54' 6.5	— 1	85					[^o Pictoris]
1	8.6	12 14.28	58 45 6.8	0	3	— 2.60	— 3.7	6 ^m 12 ^s 32 ^m 90	58° 47' 59.4	58.651
2	8.7	14 17.21	57 55 19.6	0	92	2.55	3.8	14 35.89	57 58 13.1	57.975
3	8.7	16 1.35	58 26 31.5	1	4	2.57	4.0	16 20.01	58 29 23.8	58.664
4	8.8	17 39.37	58 32 3.3	2	95	2.58	4.0	17 58.02	58 33 57.0	58.672
5	8.6		58 5 6.3	0	9		4.3		58 7 57.9	58.690
6	8.3	25 4.97	58 7 12.8	2	5	2.54	4.5	25 23.66	58 10 5.0	58.705
7	9.0	27 0.65	57 40 18.5	0	16	2.51	4.6	27 19.39	57 43 8.9	57.1006
8	8.2	29 38.40	57 30 2.8	0	98	2.49	4.7	29 57.16	57 32 55.8	57.1012
9	8.6	32 18.39	56 58 6.4	— 2	98	2.46	4.8	32 37.18	57 0 58.7	56.1111
10	8.8	33 54.92	58 5 28.5	0	1	2.51	5.0	34 13.64	58 8 22.0	58.740
11	8.2	36 47.03	58 12 43.7	— 3	95	2.51	5.2	37 5.75	58 15 38.6	58.746
12	9.0	40 6.90	56 55 54.3	0	93	2.43	5.4	40 25.72	56 58 48.0	56.1143
13	8.7	42 57.29	58 43 41.7	— 2	97	2.53	5.6	43 15.99	58 46 37.2	58.767
14	8.2	44 59.31	58 30 45.0	0	0	2.51	5.7	45 18.03	58 33 39.7	58.776
		47 0.08	61 47 55.7	— 3	97					z Pictoris
15	7.6	49 51.88	58 10 29.4	0	0	2.47	6.0	50 10.64	58 13 24.0	58.788
16	8.6	54 18.01	57 36 6.5	1	96	2.45	6.2	54 36.81	57 39 1.2	57.1084
17	8.8	56 36.20	57 46 31.7	1	98	2.43	6.4	56 55.00	57 49 26.6	57.1090
18	8.0	58 51.53	58 13 15.6	— 2	95	2.44	6.5	59 10.32	58 16 11.8	58.816
19	7.8	7 1 27.13	57 19 29.9	— 1	92	2.39	6.6	7 1 45.99	57 22 24.5	57.1116
20	8.8	2 53.74	57 0 32.6	0	0	2.36	6.7	3 12.63	57 3 26.6	57.1128
21	9.0	4 50.61	58 55 8.0	0	90	2.46	6.9	5 9.37	58 58 3.0	58.847
22	8.3	8 28.69	58 47 56.8	— 3	88	2.44	7.1	8 47.47	58 50 55.0	58.860
23	8.4	10 31.32	57 21 2.2	1	92	2.35	7.1	10 50.22	57 23 58.2	57.1163
24	8.9	13 17.13	57 17 19.5	2	97	2.34	7.3	13 36.04	57 20 14.8	57.1176
		16 34.60	67 44 49.9	— 1	97					z Volantis
25	8.4	18 37.94	58 57 10.6	2	0	2.40	7.6	18 56.76	59 0 7.7	58.897
26		20 7.42	57 10 11.7	0	10	2.31	7.6	20 26.36	57 13 5.4	57.1206
27	7.6	22 21.87	58 16 33.1	1	0	2.36	7.8	22 40.74	58 19 29.6	58.909
28	8.9	24 2.37	58 49 8.0	— 1	2	2.37	7.9	24 21.22	58 52 5.2	58.912
29		26 18.80	57 50 44.5	0	95	2.31	8.0	26 37.72	57 53 41.6	57.1236
30	8.5	28 0.20	57 59 43.8	— 1	97	2.31	8.1	28 19.12	58 2 40.9	57.1240
31	7.6	29 30.87	57 42 25.8	2	92	2.29	8.2	29 49.82	57 45 23.1	57.1250
32	8.0	31 42.66	58 57 37.9	— 3	3	2.34	8.3	32 1.54	59 0 35.6	58.935
33	7.7	34 3.12	57 3 20.4	— 2	3	2.24	8.3	34 22.13	57 6 15.9	57.1277
34	9.0	36 8.21	58 27 58.0	— 3	17	2.30	8.5	36 27.14	58 30 53.2	58.952
35	9.0	38 37.74	58 5 17.7	0	92	2.26	8.6	38 56.71	58 8 16.1	58.960
36	6.4	40 16.73	58 22 36.0	— 3	0	2.27	8.7	40 35.69	58 25 34.0	58.967
37	8.6	42 20.55	57 41 16.5	1	5	2.22	8.8	42 39.58	57 44 13.7	57.1311
38	8.8	44 1.05	58 31 14.4	1	98	2.26	8.9	44 20.02	58 34 12.7	58.988
39	9.0	46 23.54	58 27 10.9	2	0	2.24	9.1	46 42.53	58 30 8.9	58.1003
40	8.6	49 47.97	58 22 57.2	— 3	0	2.22	9.2	50 6.98	58 25 55.5	58.1012
41		52 14.94	58 17 44.6	— 3	0	2.20	9.3	52 33.97	58 20 43.0	58.1018
		54 16.26	52 42 11.8	2	91					z Argus
42		57 55.72	57 29 8.1	— 1	5	2.13	9.6	58 14.84	57 32 5.0	57.1368
43	8.8	8 0 20.74	57 32 46.6	— 3	14	2.12	9.7	8 0 39.87	57 35 43.5	57.1382
44	8.8	3 46.85	57 57 21.5	2	93	2.12	9.8	4 5.96	58 0 0.6	57.1398
45	8.5	6 44.70	58 18 56.4	— 2	2	2.11	10.0	7 3.82	58 21 55.1	58.1063
46	8.4	11 41.16	58 18 26.9	— 2	98	2.08	10.2	12 0.31	58 21 26.5	58.1080
47	8.6	15 1.94	57 10 5.1	0	2	2.02	10.3	15 21.17	57 13 2.6	57.1464
48	8.5	17 46.32	57 21 4.5	1	4	2.01	10.4	18 5.56	57 24 2.0	57.1483

ZONA 2 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		8 ^h 20 ^m 25 ^s 95	59 10 55.3	0	92					
49	8.8	25 22.53	58 55 47.4	0	4	2.02	-10.9	8 ^h 25 ^m 41 ^s 73	58° 58' 47.3	ε Argus 58.1133
50	8.6	26 40.89	57 48 51.4	-2	85	1.96	10.8	27 0.16	57 51 52.8	57.1538
51	7.7	29 5.41	58 53 5.7	-2	99	1.99	11.0	29 24.64	58 56 6.6	58.1143
52	8.0	31 4.57	57 32 9.8	2	1	1.93	11.0	31 23.89	57 35 8.5	57.1573
53	8.8	37 1.24	58 31 29.7	1	6	1.92	11.3	37 20.55	58 34 29.1	58.1168
54	8.8	38 59.97	58 26 15.9	1	95	1.90	11.4	39 19.30	58 29 16.9	58.1175
55	8.2	41 56.75	57 24 29.3	-1	0	1.84	11.4	42 16.16	57 27 29.7	57.1678
56	8.9	43 52.71	58 10 13.7	0	92	1.86	11.5	44 12.08	58 13 15.0	58.1212
57	8.1	45 44.90	57 17 24.2	-3	3	1.81	11.5	46 4.34	57 20 23.2	57.1725
58	8.3	48 32.83	57 23 39.6	-2	0	1.80	11.6	48 52.28	57 26 39.2	57.1753
59	8.5	50 22.48	58 8 27.1	-2	6	1.81	11.7	50 41.90	58 11 16.8	58.1258
		52 46.68	60 15 53.8	0	99					c Carinae
60	8.3	54 46.27	58 12 9.4	2	94	1.78	11.9	55 5.72	58 15 10.8	58.1306
61	8.8	57 19.02	57 24 20.4	-1	96	1.73	11.9	57 38.54	57 27 20.8	57.1820
62	8.9	59 8.10	58 59 30.6	-1	91	1.77	12.2	59 27.55	59 2 33.8	58.1349

ZONA 3 A

Enero 11 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		6 ^h 8 ^m 18 ^s 73	54° 54' 11.7	-1	6					[δ Pictoris]
1	8.8	13 41.92	56 58 40.5	-2	6	-2.45	-2.1	6 ^h 14 ^m 0 ^s 53	57° 1' 28.6	57.973
2	8.4	15 36.34	58 5 4.9	0	7	2.51	2.2	15 54.88	58 7 54.2	58.661
3	8.8	17 33.54	57 58 12.2	-2	8	2.50	2.3	17 52.09	58 1 1.3	58.670
4	8.0	19 20.71	58 15 43.4	0	89	2.52	2.4	19 39.23	58 18 35.8	58.679
5	8.8	21 54.81	58 5 5.7	0	85	2.51	2.6	22 13.35	58 7 58.6	58.690
6	8.9	24 27.38	57 19 51.5	-1	98	2.46	2.7	24 45.98	57 22 41.8	57.999
7	8.7	26 17.34	58 2 27.6	2	0	2.49	2.8	26 35.90	58 5 18.7	58.708
8	8.6	28 0.96	57 10 7.7	0	12	2.45	2.9	28 19.57	57 12 56.0	57.1109
9	8.7	29 58.03	58 31 0.8	1	0	2.52	3.0	30 16.55	58 33 52.6	58.720
10	8.4	33 29.05	57 8 46.1	-2	6	2.44	3.2	33 47.67	57 11 35.7	57.1020
11	7.4	35 1.31	58 17 10.9	2	86	2.50	3.3	35 19.85	58 20 4.7	58.742
12		37 22.78	58 42 31.0	2	3	2.52	3.5	37 41.30	58 45 23.0	58.748
13	8.6	39 33.78	58 6 12.4	1	0	2.49	3.6	39 52.34	58 9 4.2	58.751
14	8.1	42 56.75	57 18 10.6	-2	4	2.43	3.8	43 15.38	57 21 1.0	57.1047
		47 0.18	61 47 59.3	-3	5					z Pictoris
15	8.6	48 54.11	57 14 9.2	-1	5	2.42	4.1	49 12.75	57 16 59.8	57.1065
16	8.9	50 55.18	57 50 18.3	0	94	2.44	4.2	51 13.80	57 53 11.3	57.1072
17	8.7	53 28.04	58 46 30.9	1	5	2.49	4.4	53 46.59	58 49 23.6	58.797
18	8.4	57 22.35	58 20 47.8	0	5	2.45	4.6	57 40.94	58 23 40.2	58.807
19	8.5	59 17.18	57 1 11.1	1	4	2.38	4.7	59 35.86	57 4 2.2	57.1107
20		7 1 37.48	59 0 3.9	0	3	2.48	4.8	7 1 56.03	59 1 57.5	58.826
21	8.4	3 38.00	57 10 3.0	0	3	2.37	4.9	3 56.69	57 12 54.6	57.1134
22	8.7	5 3.23	58 11 48.2	1	99	2.42	5.0	5 21.85	58 14 41.7	58.848

ZONA 3 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
23		7 ^h 20 ^m 32 ^s 53	58° 31' 11".3	1	94	-2.39	-5.9	7 ^h 20 ^m 51 ^s 18	58° 34' 6".8	58° 905
24	8.8	22 23.48	57 4 33.7	-1	5	2.31	5.9	22 42.23	57 7 25.9	57.1218
25	8.8	25 21.87	58 46 26.1	1	0	2.33	6.1	25 40.58	58 49 21.3	58.913
26	8.4	27 59.74	57 9 52.7	-1	95	2.30	6.2	28 18.50	57 12 46.7	57.1239
27	8.2	30 47.19	57 8 24.2	-2	0	2.29	6.3	31 5.96	57 11 17.6	57.1257
28	8.6	32 52.23	58 24 59.7	-1	6	2.34	6.5	33 10.93	58 27 53.9	58.940
29	8.8	34 53.08	57 48 48.5	-2	0	2.30	6.6	35 11.84	57 51 44.0	57.1282
30		38 59.46	58 37 8.9	2	93	2.32	6.8	39 18.18	58 40 5.6	58.963
31		40 57.31	57 58 31.7	-2	88	2.28	6.9	41 16.07	58 1 28.4	57.1305
32	8.2	43 38.92	58 41 42.6	1	7	2.31	7.0	43 57.65	58 44 37.5	58.986
33	8.6	45 22.92	57 43 32.6	-2	4	2.25	7.1	45 41.73	57 46 26.8	57.1324
34	8.2	48 1.73	58 18 49.3	-2	5	2.26	7.3	48 20.51	58 21 44.2	58.1008
35	8.4	51 56.77	57 17 58.6	-3	88	2.20	7.4	52 15.63	57 20 55.1	57.1346
		54 16.49	52 42 13.6	2	93					z Argus
36	8.9	57 51.45	58 55 26.6	0	93	2.25	7.7	58 10.23	58 58 24.5	58.1031

ZONA 4 A

Enero 18 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

VIRGINIO MANGANIELLO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		6 ^h 8 ^m 19 ^s 30	54 54' 9".3	-1	81					[δ Pictoris]
2	8.8	10 26.30	58 54 6.1	-1	89	-2.46	+0.4	6 ^h 10 ^m 44 ^s 20	58° 56' 57".5	58 643
3	8.2	15 36.88	56 58 41.6	-2	4		0.2		57 1 28.9	57.973
4	9.0	17 33.92	58 5 6.0	0	3	2.42	0.1	15 54.83	58 7 54.6	58.661
5	8.0	19 21.27	57 58 11.4	-2	0	2.42	0.0	17 51.87	58 1 0.6	58.670
6		21 55.59	58 15 46.2	0	98	2.43	-0.1	19 39.21	58 18 35.5	58.679
7		24 28.09	58 5 9.2	0	5	2.42	0.2	22 13.54	58 7 57.9	58.690
8	8.6	26 17.81	57 19 49.8	-1	85	2.38	0.5	24 46.09	57 22 40.8	57.999
9		28 1.60	58 2 28.5	2	95	2.38	0.6	26 35.80	58 5 18.8	58.708
10	8.7	29 58.73	57 10 7.9	0	6	2.42	0.5	28 19.56	57 12 55.8	57.1009
11	8.5		58 31 2.4	1	5	2.44	0.7	30 16.65	58 33 51.9	58.720
12			57 8 45.9	-2	2		0.9		57 11 34.7	57.1020
13			58 17 14.4	2	1		0.9		58 20 4.8	58.742
14	8.5	37 23.48	58 42 31.9	2	98	2.45	1.1	37 41.39	58 45 23.0	58.748
15	8.8	42 57.31	57 18 11.3	-2	98	2.38	1.3	43 15.30	57 21 1.4	57.1047
16	8.8	47 0.75	61 48 0.2	-2	98					z Pictoris
17	8.8		57 14 11.5	-1	8		1.6		57 17 0.4	57.1065
18	9.0		57 50 21.9	0	7		1.8		57 53 11.5	57.1072
19	8.7	53 28.69	58 46 31.3	1	97	2.44	1.9	53 46.61	58 49 23.5	58.797
20	7.8	57 23.09	58 20 48.9	0	98	2.41	2.1	57 41.05	58 23 40.7	58.807
21	8.3	59 17.77	57 1 11.7	1	0	2.35	2.2	59 35.80	57 4 1.8	57.1107
22	6.0	7 1 38.00	59 0 4.0	0	94	2.44	2.3	7 1 55.91	59 2 57.5	58.826
23	8.4	3 38.39	57 10 4.2	0	2	2.35	2.4	3 56.42	57 12 54.4	57.1134
24	8.6	5 4.12	58 11 51.2	1	5	2.39	2.5	5 22.10	58 14 42.3	58.848
25	9.0	7 33.44	57 18 32.1	-2	92	2.35	2.6	7 51.47	57 21 24.4	57.1150

ZONA 4 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
24		7 ^h 10 ^m 8 ^s .67				-2 ^s .41		7 ^h 10 ^m 26 ^s .62		58° 867
25		11 50.59	57° 56' 42".5	1	91	2.37	- 2 ^s .8	12 8.59	57 59' 35".5	57.1170
26		13 44.50	58 20 28.2	0	97	2.39	2.9	14 2.48	58 23 21.0	58.885
		16 35.34	67 44 53.2	- 1	97					♄ Volantis
27	8.9		57 26 14.7	1	9		3.1		57 29 4.9	57.1196
28	8.8	20 33.24	58 31 12.7	1	96	2.38	3.3	20 51.22	58 34 6.1	58.905
29	8.8	22 24.27	57 4 34.2	- 1	96	2.31	3.3	22 42.34	57 7 26.2	57.1218
30	8.9	25 22.51	58 46 27.7	1	4	2.38	3.5	25 40.49	58 49 20.5	58.913
31		36 42.02	58 22 59.3	- 3	7	2.33	4.0	37 0.04	58 25 52.0	58.954
32		38 59.96	58 37 12.4	2	1	2.34	4.2	39 17.98	58 40 6.1	58.963
33			57 58 35.9	- 2	3		4.3		58 1 28.9	57.1305
34		43 7.70	58 41 49.1	1	1	2.33	4.4	43 25.73	58 44 43.1	58.984
35	8.7	45 23.59	57 43 34.6	- 2	4	2.28	4.4	45 41.69	57 46 27.4	57.1324
36	8.4	48 2.72	58 18 48.5	- 2	94	2.30	4.6	48 20.79	58 21 43.6	58.1008
37	9.0	50 6.90	58 43 37.3	- 2	3	2.31	4.7	50 24.95	58 46 51.7	58.1013
38	8.4	51 57.45	57 18 2.7	- 2	3	2.24	4.7	52 15.59	57 20 55.5	57.1346
		54 17.21	52 42 16.4	2	0					♃ Argus
39	9.0	59 53.88	57 34 43.0	- 1	0	2.22	5.1	8 0 12.04	57 37 36.8	57.1379
40		8 13 51.12	56 57 19.1	2	8	2.15	5.6	14 9.35	57 0 11.4	56.1569
41		15 52.02	58 50 51.7	0	3	2.22	5.9	16 10.16	58 53 47.2	58.1096
42		17 47.34	57 21 6.6	1	97	2.15	5.8	18 5.57	57 24 1.2	57.1484
			59 10 58.7	0	93					♃ Argus
43	7.4		57 48 6.1	- 2	90		6.1		57 51 2.8	57.1513
44	8.5	28 53.72	57 29 56.9	- 1	30	2.08	6.3	29 12.02	57 32 47.5	57.1554
45	8.6		57 1 6.2	1	0		6.3		57 4 0.7	56.1710
46	6.8		57 39 44.5	- 1	0		6.4		57 42 39.9	57.1591
47	7.2		57 11 25.2	1	13		6.6		57 14 18.1	57.1644
48	9.0		58 10 37.6	0	2		6.8		58 13 33.6	58.1182
			54 20 43.6	0	1					♄ Argus
49		46 1.93	57 51 30.4	1	95	2.04	7.0	46 20.26	57 54 27.1	57.1728

ZONA 5 A

Enero 20 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O. VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.7	6 ^h 4 ^m 6 ^s .58	57° 55' 54".3	0	96	-2 ^s .37	+ 1 ^s .3	6 ^h 4 ^m 24 ^s .53	57° 58' 40".9	57° 952
2	8.9	6 38.70	58 54 33.7	- 1	95	2.42	1.2	6 56.58	58 57 21.8	58.628
3	8.0	9 3.70	58 47 13.6	2	1	2.42	1.1	9 21.59	58 50 0.6	58.637
4	9.0	12 51.42	58 32 25.5	2	90	2.41	0.9	13 9.32	58 35 14.0	58.653
5	8.4	16 26.65	57 15 17.5	0	2	2.35	0.7	16 44.62	57 18 3.1	57.980
6	9.0	18 35.60	58 11 52.6	1	97	2.39	0.6	18 53.52	58 14 40.1	58.676
		21 44.30	52 36 13.1	1	11					♃ Argus
7	8.3	25 11.32	58 55 13.1	0	5	2.43	0.2	25 29.19	58 58 0.6	58.707
8	8.7	27 15.10	58 18 21.4	- 2	8	2.40	0.1	27 33.01	58 21 8.0	58.714
9	8.9	30 13.86	58 20 29.9	0	4	2.40	0.0	30 31.77	58 23 17.2	58.721

ZONA 5 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
10	9.0	6 ^b 34 ^m 17 ^s 07	58° 1 44.3	1	3	2.39	- 0.2	6 ^b 34 ^m 35 ^s 00	58° 4 31.5	58.741
11	8.1	37 23.51	58 42 34.4	2	0	2.42	0.4	37 41.40	58 45 22.9	58.748
12		40 40.28	58 2 56.0	- 3	94	2.39	0.6	40 58.21	58 5 45.1	58.759
13	8.4	42 57.05	57 18 14.4	- 2	2	2.35	0.7	43 15.02	57 21 1.6	57.1047
14		46 27.54	57 20 20.0	0	96	2.35	0.8	46 45.51	57 23 8.2	57.1058
15	9.0	50 55.79	57 50 21.3	0	92	2.37	1.1	51 13.74	57 53 10.8	57.1072
16	8.7	54 9.58	58 14 57.8	- 1	11	2.39	1.2	54 27.50	58 17 45.2	58.801
17	9.0	56 58.57	57 44 36.5	- 1	14	2.36	1.4	57 16.53	57 47 23.0	57.1094
18	6.9	59 27.24	58 46 17.7	1	5	2.41	1.5	59 45.14	58 49 6.8	58.820
		7 2 24.05	56 34 20.3	- 1	98					
19		6 15.50	57 8 46.9	- 2	97	2.33	1.8	7 6 33.50	57 11 35.8	57.1145
20		7 45.99	57 23 56.4	- 2	92	2.34	1.9	8 3.97	57 26 46.3	57.1152
21	8.2	10 33.61	58 12 37.2	2	97	2.37	2.0	10 51.55	58 15 27.2	58.869
22	8.4	13 56.39	58 36 15.6	1	92	2.38	2.2	14 14.32	58 39 7.1	58.887
23	8.2	15 37.77	57 41 18.9	1	93	2.34	2.3	15 55.75	57 44 9.3	57.1182
24	6.9	17 28.63	57 50 45.7	0	9	2.35	2.4	17 46.60	57 53 34.2	57.1189
25	8.8	19 33.72	57 15 58.3	- 1	94	2.31	2.4	19 51.73	57 17 48.2	57.1204
26		21 47.16	57 52 51.1	- 3	98	2.34	2.6	22 5.14	57 55 41.3	57.1212
27	9.0	23 23.28	57 19 51.2	- 1	7	2.31	2.6	23 41.29	57 22 39.5	57.1227
28	8.8	25 6.09	57 23 20.1	- 2	1	2.31	2.7	25 24.10	57 26 9.6	57.1234
29	8.7	26 38.82	57 45 2.4	0	1	2.32	2.8	26 56.82	57 47 52.2	57.1237
30	8.7	28 59.45	58 13 15.3	- 2	96	2.29	2.9	29 17.47	58 16 6.7	58.925
31	9.0	31 14.32	57 42 13.4	2	6	2.31	3.0	31 32.32	57 45 2.6	57.1261
		33 13.68	52 17 44.7	- 3	97					(141)
32	9.0	40 7.78	57 46 8.2	1	97	2.21	3.4	40 25.88	57 48 59.2	57.1302
33	8.6	41 54.03	57 31 4.5	1	2	2.28	3.5	42 12.06	57 33 54.5	57.1309
34		43 39.62	58 41 45.3	1	97	2.37	3.7	43 57.54	58 44 37.6	58.986
35	8.4	48 2.66	58 18 53.4	- 2	8	2.30	3.8	48 20.66	58 21 44.0	58.1008
36	8.4	52 40.43	58 27 21.6	2	92	2.29	4.0	52 58.44	58 30 14.7	58.1019
37	8.0	54 51.40	57 9 3.2	- 1	93	2.23	4.0	55 9.49	57 11 55.0	57.1354
38	8.7	58 34.51	58 34 47.9	- 1	92	2.28	4.3	58 52.53	58 37 41.5	58.1034
39	8.5	8 2 22.61	57 43 10.4	- 2	91	2.23	4.4	8 2 40.69	57 45 3.5	57.1391
40	8.4	11 42.12	58 18 33.4	- 2	98	2.22	4.9	12 0.20	58 21 26.5	58.1080
41	9.0	13 25.80	57 18 34.5	- 2	99	2.18	4.8	13 43.93	57 21 26.3	57.1457
42	7.2	15 54.08	58 50 55.5	0	8	2.23	5.1	16 12.15	58 53 48.0	58.1095
		20 26.94	59 11 2.5	1	0					ε Argus

ZONA 6 A

Enero 26 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

VIRGINIO MANGANIELLO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	9.0	6 ^b 6 ^m 59 ^s 40	58° 25' 25.5	0	4	- 2.27	+ 2.9	6 ^b 7 ^m 17 ^s 08	58° 28' 19.9	58.629
2	8.8	9 32.47	58 13 10.4	- 2	88	2.27	2.8	9 50.16	58 16 0.1	58.639
3	8.6	12 15.28	58 45 12.0	0	4	2.30	2.7	12 32.92	58 48 0.0	58.651
4	8.3	16 14.84	58 43 37.5	- 2	7	2.30	2.6	16 32.48	58 46 22.2	58.666
5		19 21.65	58 15 46.4	0	97	2.28	2.4	19 39.33	58 18 35.1	58.679

ZONA 6 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.	A. R. 1914.0	Decl. 1914.0	C. P. D.
6	7.1	6 ^h 21 44 ^m 53	52 ^s 36' 11.70	1	95				z Argus
7	8.6		57 54 0.5	— 1	94	2.1		57° 56' 49.7	57.1001
8		30 23.77	57 29 51.5	— 1	0			57 32 39.3	57.1008
9	9.0		58 38 29.1	— 2	87	2.31		58 41 20.4	58.722
10		35 47.72	57 46 1.2	1	7			57 48 50.6	57.1022
11		39 34.69	58 3 35.5	— 2	10	2.29		58 6 23.0	58.744
12		41 14.81	58 6 17.4	1	10	2.30		58 9 5.0	58.751
13	8.0		58 20 57.6	0	3	2.31		58 23 46.6	58.762
14	8.6		57 30 42.5	0	4	2.28		57 33 30.6	57.1059
15	8.0		57 14 12.2	— 1	3	2.27		57 17 0.4	57.1065
16	8.6		57 24 37.6	— 1	98	2.28		57 27 26.8	57.1085
17	8.6		57 50 3.4	0	97	2.29		57 52 53.5	57.1099
18	8.8	7 0 12.80	57 8 32.1	— 2	99	2.27		57 11 21.2	57.1110
19		2 24.41	56 34 18.8	— 1	97				Carinae 27 G
20	8.2	4 11.46	57 49 11.3	— 1	88	2.29		57 52 3.0	57.1137
21	8.7	7 20.84	58 53 47.1	— 2	12	2.34		58 56 36.7	58.854
22	8.8	9 8.93	58 39 56.8	— 1	8	2.33		58 42 46.8	58.862
23	8.8	10 49.87	58 2 31.7	2	13	2.30		58 5 20.1	58.870
24	8.8	14 29.77	57 26 18.1	1	4	2.27		57 29 7.4	57.1179
25	8.6	16 33.62	57 8 43.8	— 2	98	2.26		57 11 33.8	57.1187
26	8.6	18 41.75	57 16 38.4	1	94	2.27		57 19 29.0	57.1198
27	8.6	21 51.36	57 23 17.5	— 2	4	2.27		57 26 7.2	57.1213
28	8.8	26 33.95	58 18 35.6	— 2	0	2.30		58 21 27.2	58.916
29	8.9	28 24.03	57 13 17.6	— 2	4	2.26		57 16 7.4	57.1242
30	8.5	31 13.03	57 33 36.6	— 2	96	2.27		57 36 28.1	57.1259
31	7.5	33 14.21	57 17 43.0	— 3	92				(141)
32	7.9	35 41.18	57 20 41.9	0	5	2.25		57 23 31.9	57.1285
33	9.0	38 18.93	58 58 50.0	— 2	3	2.32		58 1 42.7	58.958
34	8.7	40 28.75	58 25 1.5	0	7	2.29		58 27 52.7	58.969
35	8.5	42 20.63	58 12 38.3	2	12	2.28		58 15 28.5	58.980
36	8.5	44 36.45	58 49 42.1	— 1	90	2.30		58 52 36.5	58.990
37	8.4	49 7.33	58 54 39.3	— 1	94	2.30		58 57 33.4	58.1011
38	8.4	51 33.64	57 4 33.3	— 1	6	2.22		57 7 25.5	57.1343
39	8.4	53 8.63	57 18 35.3	— 2	10	2.23		57 21 25.4	57.1349
40	9.0	54 56.27	58 50 42.6	0	91	2.29		58 53 37.3	58.1028
41	8.5	58 51.71	57 9 46.7	— 1	95	2.21		59 9 46	57.1371
42	8.0	8 2 56.10	58 3 53.2	— 2	6	2.24		8 3 13.81	58.1045
43	8.6	5 5.51	56 55 36.3	0	5	2.19		5 23.29	56.1527
44	7.0	7 26.40	57 41 1.6	1	8	2.22		7 44.14	57.1411
45	9.0	9 36.51	58 56 37.3	1	97	2.26		9 54.18	58.1074
46	8.6	11 42.89	57 27 29.2	2	1	2.20		12 0.65	57.1440
47	8.6	15 27.75	58 22 51.3	— 3	4	2.22		15 45.47	58.1093
48	9.0	16 50.19	58 23 46.6	— 2	20	2.31		17 7.82	58.1097
49	7.1	20 27.26	59 11 3.1	1	8				z Argus
50	8.6	23 16.81	57 48 12.3	— 2	10	2.18		23 34.59	57.1513
51	8.5	25 44.55	57 24 37.2	— 1	3	2.16		26 2.35	57.1532
52	8.5	28 54.20	57 29 54.2	— 1	96	2.15		29 12.01	57.1554
53	6.8	30 56.65	57 1 9.2	1	8	2.13		31 14.49	56.1710
54	9.0	32 59.83	57 39 47.5	— 1	2	2.15		33 17.64	57.1591
55	8.2	38 19.32	57 11 27.4	1	10	2.12		38 37.16	57.1644
56	8.2	40 16.43	58 8 31.1	— 2	95	2.14		40 34.24	58.1183
57	9.0	42 16.89	58 40 14.5	0	98	2.16		42 34.66	58.1197
58	8.7	43 40.81	57 53 0.7	— 2	11	2.12		43 58.64	57.1698
59	8.2		57 51 33.8	1	99			57 54 28.0	57.1728
60	6.4	49 7.06	57 15 42.0	0	10	2.08		49 24.94	57.1759
61	9.0	52 48.12	60 16 0.4	1	4				e Carinae
62	9.0	54 38.51	58 45 25.4	0	13	2.11		54 56.33	58.1303

ZONA 6 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
58	8.0	8 ^h 57 ^m 37 ^s 34	57° 52' 36.5	— 3	9	— 2.07	— 4.3	8 ^h 57 ^m 55 ^s 22	57° 55' 30.2	57° 1823
59	8.7	59 46.69	57 23 19.0	— 2	6	2.05	4.3	9 0 4.60	57 26 13.4	57.1837
60	8.3	9 1 52.93	58 45 53.5	0	4	2.09	4.5	2 10.77	58 48 48.7	58.1370
61	8.5	3 49.46	58 40 25.4	0	94	2.07	4.5	4 7.32	58 43 22.0	58.1385
62	7.6	5 29.24	57 44 3.1	— 1	96	2.04	4.5	5 47.16	57 46 58.4	57.1885
63	8.6	7 40.79	57 50 32.2	0	5	2.03	4.7	7 58.72	57 53 26.4	57.1905
64		10 22.71	59 0 34.8	0	98	2.06	4.9	10 40.58	59 3 31.6	58.1432
65	8.8	12 23.62	57 16 29.4	1	5	2.00	4.7	12 41.58	57 19 23.0	57.1947
66	8.7	14 36.34	58 38 59.8	— 2	5	2.03	5.0	14 55.24	58 41 55.3	58.1466
67			58 30 59.5	0	5		5.0		58 33 54.8	58.1482
		19 8.93	54 35 45.3	0	8					z Argus
68	9.0	21 27.24	57 59 2.4	— 1	6	1.98	5.1	21 45.21	58 1 57.1	57.2023
69	8.7	23 25.63	57 17 24.5	2	0	1.95	5.1	23 43.64	57 20 19.1	57.2045
70	7.9	26 48.30	57 52 21.4	2	91	1.95	5.3	27 6.30	57 55 18.2	57.2081
71		28 39.91	57 59 47.2	— 1	4	1.95	5.3	28 57.91	58 2 42.4	57.2102
72		30 44.99	57 16 15.6	1	97	1.92	5.3	31 3.03	57 19 10.9	57.2128
73	8.8	32 58.90	59 2 29.7	— 3	84	1.96	5.6	33 16.87	59 5 29.4	58.1583
74	9.0	34 34.89	57 19 46.6	— 1	3	1.90	5.4	34 52.95	57 22 41.3	57.2175
75		37 0.26	58 50 41.9	0	97	1.93	5.7	37 18.26	58 53 39.4	58.1606
76	8.8	38 40.87	57 33 32.3	— 2	97	1.89	5.6	38 58.94	57 36 28.3	57.2237
77	9.0	40 40.90	58 12 32.1	— 3	19	1.89	5.7	40 58.96	58 15 25.9	58.1625
		44 39.45	64 37 17.2	2	5					z Argus
78	8.9	48 38.42	58 49 53.9	— 1	97	1.87	6.0	48 56.47	58 52 51.8	58.1678
79	8.8	50 48.72	57 9 46.3	— 1	1	1.82	5.8	51 6.85	57 12 41.5	57.2409
80	7.7	52 38.97	58 38 56.1	— 2	4	1.84	6.1	52 57.05	58 41 53.9	58.1709
81	8.5	55 16.36	57 15 52.2	0	1	1.80	6.0	55 34.51	57 18 47.7	57.2486
82	8.6	56 40.25	58 48 43.4	— 2	8	1.83	6.2	56 58.34	58 51 40.0	58.1766
83	8.4	59 1.12	57 14 21.1	— 1	97	1.78	6.1	59 19.29	57 17 17.2	57.2558

ZONA 7 A

Enero 27 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

VIRGINIO MANGANIELLO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		6 ^h 8 ^m 19 ^s 50	54° 54' 13.6	— 1	96					[z Pictoris]
1		10 26.64	58 54 7.8	— 1	89	— 2.28	+ 3.1	6 ^h 10 ^m 44 ^s 28	58° 56' 56.6	58.643
2	8.7	13 42.90	56 58 43.6	— 2	98	2.20	2.9	14 0.66	57 1 29.0	57.973
3	8.4	15 37.20	58 5 7.8	0	96	2.25	2.8	15 54.88	58 7 54.8	58.661
4	8.8	17 34.15	57 58 15.4	— 2	7	2.25	2.7	17 51.83	58 1 0.8	58.670
5	8.0	19 21.35	58 15 48.3	0	95	2.26	2.7	19 39.02	58 18 35.8	58.679
6	8.5	21 55.91	58 5 11.4	0	93	2.26	2.5	22 13.58	58 7 59.2	58.690
7	8.9	24 28.40	57 19 52.9	— 1	82	2.23	2.4	24 46.12	57 22 41.6	57.999
8	8.7	26 18.17	58 2 31.4	2	94	2.26	2.3	26 35.84	58 5 19.0	58.708
9	8.5	28 1.87	57 10 9.3	0	91	2.23	2.2	28 19.59	57 12 56.6	57.1009
10	8.8	29 58.84	58 31 5.0	1	92	2.29	2.2	30 16.47	58 33 53.7	58.720
11	8.4	33 29.76	57 8 49.6	— 2	0	2.23	2.0	33 47.48	57 11 35.8	57.1020
12	8.1	35 2.34	58 17 15.3	2	89	2.23	1.9	35 20.04	58 20 4.3	58.743

ZONA 7 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
13	8.0	6 ^h 37 ^m 23 ^s .71	58 42 34.3	2	96	-2.30	+ 1.8	6 ^h 37 ^m 41 ^s .33	58°45'22.9	58.748
14	8.8	39 34.53	58 6 16.9	1	95	2.28	1.7	39 52.18	58 9 5.1	58.751
15	8.4	41 14.61	58 20 58.2	0	94	2.29	1.7	41 32.25	58 23 46.9	58.762
16	8.6	42 57.80	57 18 15.2	-2	3	2.25	1.6	43 15.50	57 21 2.8	57.1047
			61 48 3.6	-2	6					z Pictoris
17	8.6	48 54.97	57 14 14.2	-1	0	2.25	1.3	49 12.67	57 17 1.2	57.1065
18	9.0	50 55.99	57 50 23.4	0	98	2.28	1.2	51 13.64	57 53 11.4	57.1072
19	8.7	53 48.96	58 46 34.2	1	93	2.32	1.1	53 46.56	58 49 24.1	58.797
20	8.0	57 23.35	58 20 50.4	0	87	2.30	0.9	57 40.98	58 23 40.9	58.807
21	8.3	59 18.08	57 1 13.2	1	88	2.25	0.9	59 35.78	57 4 3.2	57.1107
22		7 1 38.45	59 0 7.4	0	98	2.33	0.7	7 1 56.04	59 2 57.2	58.826
23	8.5	3 38.87	57 10 7.3	0	0	2.25	0.7	3 56.57	57 12 54.9	57.1134
24	8.7	5 4.36	58 11 52.8	1	94	2.30	0.6	5 21.99	58 14 42.4	58.848
25	8.9	7 33.72	57 18 37.3	-2	3	2.26	0.5	7 51.41	57 21 24.8	57.1150
26	8.4	10 8.76	58 39 28.1	-1	4	2.31	0.7	10 26.37	58 42 16.8	58.867
27	8.8	11 50.83	57 56 47.0	1	99	2.28	0.3	12 8.48	57 59 35.8	57.1170
28		13 44.76	58 20 32.8	0	3	2.30	+ 0.2	14 2.39	58 23 21.7	58.885
		16 35.82	67 44 58.2	-1	5					δ Volantis
29	8.8	18 30.43	57 26 17.0	1	4	2.26	0.0	18 48.10	57 29 6.0	57.1196
30	8.9	20 33.50	58 31 16.9	1	96	2.30	- 0.1	20 51.11	58 34 7.2	58.905
31	8.8	22 24.57	57 4 38.8	-1	0	2.25	0.2	22 42.26	57 7 27.2	57.1218
32		25 22.91	58 46 31.5	1	5	2.31	0.3	25 40.51	58 49 21.1	58.913
33	8.4	28 0.79	57 9 59.1	-1	3	2.24	0.4	28 18.49	57 12 48.4	57.1239
34	8.4	30 48.13	57 8 36.8	-2	5	2.24	0.6	31 5.83	57 11 20.1	57.1257
35	8.7	32 53.31	58 25 3.4	0	95	2.29	0.6	33 10.94	58 27 54.4	58.940
36	8.9	34 54.18	57 48 53.6	-2	0	2.27	0.7	35 11.83	57 51 43.3	57.1282
37	8.6	36 42.08	58 23 0.9	-2	99	2.29	0.8	36 59.71	58 25 51.3	58.954
38		39 0.43	58 37 15.9	2	0	2.30	0.9	39 18.04	58 40 6.8	58.963
39		40 58.46	57 58 37.8	-2	97	2.27	0.9	41 16.11	58 1 28.3	57.1305
40	8.4	43 8.18	58 41 52.2	1	0	2.29	1.1	43 25.80	58 44 43.2	58.984
41	8.4	45 24.15	57 43 37.1	-2	98	2.25	1.1	45 41.82	57 46 27.5	57.1324
42	8.4	48 3.15	58 18 53.8	-2	3	2.27	1.3	48 20.80	58 21 44.3	58.1008
43	8.8	50 7.28	58 43 39.7	-2	92	2.28	1.4	50 24.91	58 46 32.3	58.1013
44	8.3	51 57.90	57 18 5.4	-2	96	2.23	1.4	52 15.61	57 20 56.9	57.1346
		54 17.57	52 42 20.3	2	4					z Argus
45	9.0	57 52.70	58 55 33.5	0	4	2.28	1.7	58 10.33	58 58 24.8	58.1031
46	8.9	8 0 22.07	57 32 51.4	-3	3	2.22	1.7	8 0 39.78	57 35 41.4	57.1382
47		13 51.60	56 57 22.3	2	2	2.17	2.2	14 9.38	57 0 12.0	56.1569
48		15 52.57	58 50 55.0	0	0	2.24	2.4	16 10.24	58 53 47.6	58.1096
49		17 47.92	57 21 12.1	1	7	2.18	2.4	18 5.67	57 24 1.8	57.1484
50		18 59.60	57 39 1.3	-1	93	2.19	2.5	19 17.34	57 41 53.6	57.1490
51	8.2	20 32.43	57 33 49.1	-2	96	2.18	2.5	20 50.18	57 36 41.0	57.1496
52	8.6	23 57.79	57 34 20.9	-1	0	2.17	2.7	24 15.55	57 37 12.2	57.1520
53		26 14.56	57 28 28.5	-2	3	2.16	2.7	25 32.33	57 31 19.4	57.1534
54	8.7	27 29.48	56 56 46.6	1	91	2.14	2.8	27 47.29	56 59 39.7	56.1674
55	8.0	30 5.56	57 2 56.6	-3	98	2.14	2.8	30 23.36	57 5 48.0	56.1702
56	8.0	32 38.24	58 26 56.7	1	1	2.18	3.0	32 55.98	58 29 49.2	58.1153
57	8.8	35 11.53	58 7 38.5	-3	92	2.16	3.1	35 29.29	58 10 32.2	58.1161
58	8.7	37 44.06	58 2 35.4	-3	96	2.15	3.2	38 1.83	58 5 28.5	57.1638
		42 1.79	54 20 47.6	0	0					δ Argus
59	8.0	44 40.75	57 42 43.9	-3	5	2.12	3.4	44 58.55	57 45 35.6	57.1709
60	8.6	46 18.32	57 7 11.0	2	97	2.10	3.5	46 36.16	57 10 3.0	57.1732
61		49 44.96	57 51 39.7	1	0	2.10	3.6	50 2.78	57 54 32.3	57.1769
62	8.8	52 21.30	57 23 0.4	-2	93	2.08	3.7	52 39.15	57 25 53.7	57.1787
63		54 34.53	58 50 55.8	0	3	2.12	3.9	54 52.32	58 53 49.3	58.1301
64	9.0	56 12.47	57 50 37.4	0	95	2.08	3.9	56 30.31	57 53 31.0	57.1811
65	8.7	57 57.12	57 33 8.2	-2	95	2.07	3.9	58 14.98	57 36 1.6	57.1825

ZONA 7 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
66		9 ^m 0 ^m 47.84	57° 22' 35.4	- 3	91	- 2° 05'	- 4" 0	9 ^h 1 ^m 5.72	57° 25' 29.3	57.1848
67	8.9	2 56.07	58 14 24.2	- 1	93	2.07	3.8	3 13.92	58 17 18.6	58.1378
68	8.7	5 7.40	57 20 16.4	0	97	2.03	4.1	5 25.30	57 23 9.4	57.1882
69	9.0	6 51.54	57 42 45.3	2	0	2.04	4.2	7 9.42	57 45 38.2	57.1902
70	8.8	8 31.28	58 48 48.8	- 2	0	2.07	4.4	8 49.12	58 51 43.4	58.1420
71	8.5	12 1.10	57 15 23.9	0	8	2.00	4.3	12 19.04	57 18 15.4	57.1943
72	8.6	13 41.83	58 49 33.2	- 1	7	2.05	4.5	13 59.69	58 52 28.9	58.1456
73		15 29.33	58 51 54.7	1	88	2.03	4.7	15 47.21	58 54 51.2	58.1474
74	8.5	17 16.80	58 48 16.8	- 2	2	2.03	4.7	17 34.68	58 51 11.4	58.1487
		19 8.99	54 35 45.4	0	97					z Argus
75	8.7	22 11.59	58 46 32.7	1	98	2.01	4.8	22 29.49	58 49 27.8	58.1514
76		24 44.86	57 40 16.7	0	5	1.97	4.8	25 2.82	57 43 9.5	57.2058
77	8.9	26 13.74	59 4 27.0	- 1	86	2.01	4.7	26 31.63	59 7 24.2	58.1543
78	8.7	29 11.83	57 15 15.9	0	99	1.94	4.9	29 29.83	57 18 9.3	57.2106
79		31 24.79	57 59 39.3	- 1	5	1.95	5.0	31 42.76	58 2 32.8	57.2139
80	8.0	33 17.98	57 35 31.1	0	95	1.93	5.0	33 35.98	57 38 25.6	57.2159
81		35 11.38	58 57 50.8	- 3	3	1.96	5.3	35 29.33	59 0 46.0	58.1593
82	8.6	36 45.72	57 28 52.3	- 2	93	1.91	5.1	37 3.74	57 31 47.1	57.2214
83	8.5	39 38.84	59 6 2.3	1	0	1.94	5.4	39 56.80	59 8 58.1	58.1619
84	8.2	42 18.68	59 1 48.9	1	2	1.93	5.5	42 36.65	59 4 44.3	58.1635
		44 39.50	64 37 18.1	2	96					z Argus
85	8.6	47 8.95	57 45 54.0	0	2	1.87	5.4	47 26.99	57 48 48.0	57.2367
86	8.6	49 7.59	58 23 20.8	- 2	95	1.88	5.6	49 25.62	58 26 16.8	58.1679
87	8.7	50 48.83	57 9 50.0	- 1	10	1.84	5.4	51 6.92	57 12 40.8	57.2409
		53 32.32	54 6 39.4	1	0					[z Argus]
88		55 4.07	57 40 4.2	0	5	1.82	5.7	56 22.17	57 42 58.0	57.2510
89	8.6	58 8.56	58 31 16.7	1	94	1.83	5.8	58 26.63	58 34 13.1	58.1799
90	8.3	10 0 13.64	58 24 16.8	- 1	95	1.82	5.9	10 0 31.73	58 27 13.2	58.1848

ZONA 8 A

Enero 28 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.9	6 ^h 6 ^m 39.14	58 54 31.6	- 1	70	- 2° 24'	+ 3.5	6 ^h 6 ^m 56.63	58 57 21.7	58.628
2	8.0	9 4.09	58 47 14.5	2	96	2.24	3.4	9 21.59	58 50 0.6	58.637
3		12 51.79	58 32 25.4	2	87	2.24	3.2	13 9.29	58 35 12.8	58.653
4	8.4	16 27.24	57 15 18.8	0	4	2.19	3.0	16 44.81	57 18 2.5	57.980
5	9.0	18 36.11	58 11 52.1	1	87	2.24	3.0	18 53.61	58 14 39.3	58.676
6	8.4	25 11.70	58 55 13.0	0	97	2.28	2.7	25 29.15	58 58 0.0	58.707
		21 44.76	52 35 12.5	1	93					z Argus
7	8.8	27 15.60	58 18 22.0	- 2	8	2.25	2.6	27 33.09	58 21 6.9	58.714
8	8.9	30 14.21	58 20 36.3	0	0	2.26	2.5	30 31.69	58 23 16.4	58.721
9	8.8	34 17.68	58 1 44.3	1	93	2.25	2.3	34 35.17	58 4 31.2	58.741
10		37 23.78	58 42 35.0	- 3	4	2.28	2.1	37 41.23	58 45 21.9	58.748
11	8.7	40 40.76	58 3 0.2	- 2	3	2.26	2.0	40 58.24	58 5 46.1	58.759
12	8.5	42 57.86	57 18 16.0	- 4	2	2.23	1.9	43 15.39	57 21 1.3	57.1047

ZONA 8 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914 0	Decl. 1914.0	C. P. D.
13	8.5	6 ^h 46 ^m 28 ^s .18	57° 20' 21".2	0	97	- 2".24	+ 1".7	6 ^h 46 ^m 45 ^s .69	57° 23' 7".4	57° 1058
14	9.0	50 56.14	57 50 24.3	0	95	2.26	1.5	51 13.62	57 53 11.5	57.1072
15	8.6	54 10.08	58 14 59.1	- 1	11	2.28	1.4	54 27.54	58 17 44.6	58.801
16	9.0	57 12.10	57 42 24.6	- 3	0	2.26	1.3	57 29.58	57 45 11.8	57.1096
17		59 27.64	58 46 18.5	1	98	2.30	1.2	59 45.07	58 49 6.6	58.820
		7 2 24.52	56 34 21.2	- 1	95					
18	9.0	4 31.56	58 18 1.6	- 2	95	2.28	1.0	7 4 49.02	58 20 49.2	Carinae 27 G 58.841
19		6 16.07	57 8 48.6	- 2	93	2.24	0.9	6 33.59	57 11 36.0	57.1145
20	9.0	7 46.65	57 24 0.9	- 1	4	2.25	0.8	8 4.15	57 26 47.1	57.1152
21	8.0	10 34.06	58 12 38.2	2	96	2.28	0.7	10 51.52	58 15 25.2	58.869
22		21 47.63	57 52 54.9	- 3	10	2.27	0.2	22 5.09	57 55 41.4	57.1212
23	9.0	23 23.89	57 19 53.2	- 1	7	2.24	0.2	23 41.39	57 22 39.5	57.1227
24	8.8	25 6.51	57 23 22.2	- 2	99	2.25	0.1	25 24.00	57 26 9.8	57.1234
25	8.7	26 39.34	57 45 4.7	0	0	2.26	+ 0.0	26 56.81	57 47 52.6	57.1237
26	8.6	28 59.95	58 13 19.3	- 2	7	2.28	- 0.1	29 17.40	58 16 6.9	58.925
27	9.0	31 14.88	57 42 15.7	2	5	2.26	0.2	31 32.35	57 45 2.9	57.1261 (141)
		33 14.40	57 17 48.0	- 3	4					
28	8.9	40 8.29	57 46 10.7	1	95	2.25	0.6	40 25.77	57 48 59.8	57.1302
29	8.7	45 18.46	58 48 43.0	- 2	71	2.29	0.8	45 35.89	58 51 37.2	58.994
30	8.2	48 3.10	58 18 54.4	- 2	98	2.26	0.9	48 20.57	58 21 44.2	58.1008
31	8.8	50 5.78	58 43 41.1	- 2	94	2.28	1.0	50 23.22	58 46 32.1	58.1013
32	8.8	53 4.13	58 19 28.4	- 1	3	2.26	1.1	53 21.60	58 22 17.7	58.1021
33		55 87.29	57 11 55.4	1	97	2.21	1.2	55 54.83	57 14 44.4	57.1358
34		59 25.54	57 49 53.5	- 1	99	2.23	1.4	59 43.04	57 52 43.1	57.1373
35	8.7	8 3 16.03	58 57 4.3	2	2	2.27	1.6	8 3 33.48	58 59 54.7	58.1048
36		6 46.23	58 19 3.1	- 1	87	2.24	1.7	7 3.72	58 21 55.3	58.1063
37		12 1.24	58 14 25.3	- 1	1	2.22	1.9	12 18.75	58 17 15.6	58.1082
38	8.6	14 46.16	57 8 50.0	- 2	99	2.18	1.9	15 3.73	57 11 39.4	57.1462
39	8.2	17 35.41	58 34 18.2	- 1	1	2.22	2.1	17 52.92	58 37 9.1	58.1100
			59 11 5.0	1	2					ε Argus
40	8.8	24 22.30	57 30 39.7	0	16	2.17	2.3	24 39.87	57 33 27.3	57.1525
41	8.8	26 42.27	57 29 57.6	- 1	94	2.16	2.4	26 59.85	57 32 48.5	57.1537
42	8.7	28 54.32	57 29 57.6	- 1	1	2.16	2.5	29 11.90	57 32 47.6	57.1554
43	8.5	30 29.26	58 13 59.2	- 2	88	2.18	2.6	30 46.81	58 16 51.1	58.1149
44		38 19.65	57 11 25.9	1	85	2.12	2.8	38 37.28	57 14 18.1	57.1644
45		42 45.09	58 21 41.2	1	88	2.15	3.0	43 2.67	58 24 34.6	58.1302
46	8.3	45 9.99	58 7 8.2	2	94	2.14	3.1	45 27.58	58 10 0.4	58.1221
47		49 7.42	57 15 43.9	0	98	2.10	3.2	49 25.07	57 18 34.7	57.1759
48		54 47.94	58 12 19.6	2	96	2.11	3.5	55 5.56	58 15 12.0	58.1306
49		56 59.92	58 42 22.7	2	0	2.12	3.6	57 17.52	58 45 15.2	58.1327
50	8.8	59 46.91	57 23 20.4	- 2	93	2.07	3.5	9 0 4.58	57 26 12.5	57.1837
51		9 2 12.64	57 27 40.4	2	96	2.06	3.6	2 30.32	57 30 32.1	57.1859
52	8.8	4 20.25	58 21 42.1	1	94	2.08	3.8	4 37.90	58 24 35.4	58.1387
53	9.0	6 26.28	57 28 8.6	- 2	93	2.05	3.8	6 43.97	57 31 1.1	57.1898
54	8.5	10 18.49	57 2 38.2	- 3	3	2.02	3.9	10 36.22	57 5 28.8	56.2049
55		12 38.64	57 58 55.1	- 2	5	2.04	4.0	12 56.33	58 1 46.7	57.1949
56	8.7	15 28.28	57 33 21.7	- 2	2	2.01	4.1	15 46.00	57 36 13.7	57.1977
57	8.4	17 8.15	59 3 44.8	- 2	99	2.06	4.3	17 25.82	59 6 38.8	58.1485
		19 9.04	54 35 48.0	0	8					z Argus

ZONA 9 A

Febrero 1° de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		6 ^b 6 ^m 38.88	58°58'10.6	— 2	4	— 2.14	+ 4.6	6 ^b 6 56.71	58°57'20.8	58°268
2	8.3	9 3.70	58 50 49.8	0	2	2.14	4.5	9 21.53	58 50 0.5	58.637
3	9.0		58 36 3.1	1	2		4.3		58 35 13.7	58.653
4		16 26.82	57 18 52.9	— 2	97	2.10	4.1	16 44.68	57 18 1.1	57.980
5	8.8	18 35.54	58 15 28.0	0	5	2.14	4.1	18 53.36	58 14 38.9	58.676
		21 44.54	52 39 47.6	— 1	8					≈ Argus
6	8.5	25 11.20	58 58 50.1	— 2	92	2.18	3.8	25 28.99	58 58 0.0	58.707
7	8.7	27 15.23	58 21 57.5	1	93	2.16	3.7	27 33.02	58 21 7.3	58.714
8	9.0	30 13.86	58 24 6.0	— 1	97	2.17	3.6	30 31.65	58 23 16.1	58.721
9	8.8	34 17.38	58 5 20.2	0	0	2.17	3.4	34 35.17	58 4 30.7	58.741
10		37 23.60	58 46 9.9	1	10	2.20	3.3	37 41.37	58 45 22.9	58.748
11	8.6	40 40.63	58 6 34.6	1	97	2.18	3.2	40 58.41	58 5 45.1	58.759
12	8.5	42 57.66	57 21 52.6	1	91	2.15	3.1	43 15.47	57 21 1.6	57.1047
13	8.5	46 27.87	57 23 55.8	— 2	9	2.16	3.0	46 45.67	57 23 7.3	57.1058
14	9.0	50 56.13	57 54 0.4	— 1	0	2.18	2.8	51 13.91	57 53 11.2	57.1072
15	8.8	54 9.87	58 18 34.5	— 2	90	2.20	2.7	54 27.63	58 17 44.4	58.801
16	9.0	56 58.60	57 48 11.6	— 2	7	2.19	2.5	57 16.37	57 47 23.5	57.1096
17		59 27.47	58 49 55.2	— 1	94	2.23	2.4	59 45.21	58 49 6.7	58.820
		7 2 24.24	56 37 58.9	— 3	93					[Carinae 27 G]
18	9.0	4 31.57	58 21 36.8	1	6	2.22	2.2	7 4 49.31	58 20 49.9	58.841
19		6 15.94	57 12 24.9	2	1	2.17	2.2	6 33.73	57 11 36.1	57.1145
20	8.8	7 46.25	57 27 35.1	2	0	2.18	2.1	8 4.03	57 26 46.5	57.1152
21		10 34.03	58 16 14.0	1	2	2.22	2.0	10 51.77	58 15 26.6	58.869
22		13 56.75	58 39 53.2	— 1	6	2.23	1.9	14 14.48	58 39 6.8	58.887
23		15 37.88	57 44 54.3	— 1	8	2.20	1.8	15 55.63	57 44 7.8	57.1182
24		17 28.79	57 54 25.6	— 1	74	2.21	1.7	17 46.53	57 53 33.8	57.1189
25	8.8	19 34.27	57 18 35.6	— 2	3	2.19	1.7	19 52.03	57 17 47.2	57.1204
26	8.3	21 47.53	57 56 28.6	1	3	2.21	1.6	22 5.27	57 55 41.4	57.1212
27	9.0		57 23 25.9	— 2	4		1.5		57 22 37.9	57.1227
28	8.8	25 6.54	57 26 57.9	1	0	2.19	1.5	25 24.30	57 26 9.9	57.1234
29	8.7	26 39.15	57 48 41.5	— 2	90	2.21	1.4	26 56.89	57 47 52.1	57.1237
30	8.7	28 59.62	58 16 51.3	1	13	2.23	1.3	29 17.34	58 16 6.3	58.925
31	8.9	31 14.42	57 45 48.5	0	10	2.21	1.2	31 32.16	57 45 2.5	57.1261
		33 14.11	52 21 23.0	1	2					(141)
32		35 14.54	57 22 6.4	2	0	2.19	1.0	35 32.30	57 21 18.7	57.1284
33	8.8	40 8.03	57 49 47.1	— 1	92	2.21	0.9	40 25.77	57 48 58.7	57.1302
34	8.5	41 54.22	57 34 43.2	— 1	90	2.20	0.7	42 11.97	57 33 54.3	57.1309
35			58 45 24.4	0	94		0.7		58 44 37.7	58.986
36	8.5	45 18.31	58 52 22.8	— 3	99	2.25	0.6	45 36.02	58 51 36.5	58.994
37	8.4	48 2.92	58 22 31.2	— 3	93	2.23	0.5	48 20.64	58 21 43.6	58.1008
38		52 40.86	58 31 2.2	1	90	2.23	0.3	52 58.58	58 30 15.0	58.1019
39	8.0	54 51.69	57 12 42.4	— 3	0	2.18	0.3	55 9.46	57 11 54.7	57.1354
40		58 34.94	58 38 22.6	— 2	20	2.23	+ 0.1	58 52.66	58 37 39.8	58.1034
41	8.6	8 2 23.00	57 46 48.9	1	96	2.20	0.0	8 2 40.75	57 46 2.2	57.1391
42	8.8	6 33.39	58 59 34.0	— 1	10	2.24	— 0.2	6 51.11	58 58 50.6	58.1062
43	8.0	9 36.64	59 0 16.0	0	97	2.23	0.4	9 54.37	58 59 31.0	58.1074
44	8.2	11 42.36	58 22 10.5	2	0	2.21	0.4	12 0 10	58 21 24.9	58.1080
45	9.0	13 26.24	57 22 14.7	2	86	2.17	0.4	13 44.02	57 21 26.5	57.1457
46		15 58.83	58 54 32.0	— 1	97	2.22	0.6	16 16.57	58 53 47.0	58.1095
			59 14 40.9	— 1	97					≈ Argus

ZONA 10 A

Febrero 2 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	9.0	6 ^b 6 ^m 59.03	58° 29' 6".7	— 1	74	—2.09	+ 4.8	6 ^h 7 ^m 16.79	58° 28' 11".9	58.629
2	8.8	9 32.13	58 16 49.1	— 1	17	2.09	4.7	9 49.89	58 16 0.4	58.639
3	8.6	12 15.24	58 48 50.9	— 2	1	2.12	4.6	12 32.97	58 48 0.6	58.651
4	8.5	16 14.60	58 47 14.5	— 2	2	2.13	4.4	16 32.32	58 46 24.4	58.666
5	8.3	19 21.43	58 19 26.3	— 1	2	2.12	4.3	19 39.16	58 18 36.1	58.679
		21 44.55	52 39 48.9	— 1	2					z Argus
6		25 24.64	57 57 39.3	— 3	7	2.12	4.1	25 42.37	57 56 49.4	57.1001
7	8.6	27 12.86	57 33 29.9	— 2	4	2.11	4.0	27 30.60	57 32 29.2	57.1008
8		30 23.65	58 42 9.4	— 2	4	2.16	3.9	30 41.34	58 41 20.0	58.722
9	9.0	33 54.92	57 49 40.3	— 1	93	2.13	3.7	34 12.64	57 48 48.6	57.1022
10	8.0	35 47.66	58 7 13.1	— 2	98	2.15	3.7	36 5.36	58 6 22.4	58.744
11		39 34.69	58 9 55.6	— 1	94	2.15	3.5	39 52.39	58 9 4.5	58.751
12	8.5	41 14.51	58 24 39.4	— 1	80	2.17	3.5	41 32.19	58 23 46.6	58.762
13	8.3	46 31.38	57 34 19.3	— 1	10	2.14	3.2	46 49.09	57 33 29.2	57.1059
14	8.8	48 54.73	57 17 50.6	— 3	1	2.14	3.2	49 12.43	57 17 0.0	57.1065
15	8.2	54 35.94	57 28 17.3	— 2	96	2.15	2.9	54 53.64	57 27 26.4	57.1085
16	8.6	57 34.58	57 53 42.6	— 2	6	2.17	2.8	57 52.26	57 52 53.7	57.1099
17		7 0 12.75	57 12 11.0	— 2	1	2.15	2.7	7 0 30.44	57 11 20.6	57.1110
		2 24.10	56 37 57.9	— 3	5					(Carinae 27 G)
18	8.8	4 11.54	57 52 52.0	— 3	4	2.18	2.6	4 29.21	57 52 3.1	57.1137
19	8.8	7 26.19	58 57 46.2	— 3	98	2.22	2.4	7 43.82	58 56 57.9	58.855
20	8.3	9 8.86	58 43 34.3	— 2	0	2.22	2.4	9 26.49	58 42 46.4	58.862
21	8.7	10 49.79	58 6 8.0	— 1	92	2.19	2.3	11 7.45	58 5 18.8	58.870
22	8.8	14 29.87	57 29 56.5	— 1	99	2.17	2.2	14 47.55	57 29 6.8	57.1179
23		16 33.77	57 12 22.5	— 2	4	2.17	2.1	16 51.43	57 11 33.2	57.1187
24	8.7	18 42.03	57 20 20.7	— 0	87	2.17	2.0	18 59.69	57 19 29.2	57.1198
25	9.0	21 51.27	57 26 54.3	— 1	10	2.18	1.9	22 8.93	57 26 6.3	57.1213
26	8.6	26 34.10	58 22 10.9	— 2	24	2.21	1.8	26 51.73	58 21 26.2	58.916
27		28 24.04	57 16 57.1	— 1	98	2.18	1.6	28 41.69	57 16 7.5	57.1242
28	8.8	31 13.32	57 37 15.2	— 2	98	2.19	1.5	31 30.97	57 36 26.1	57.1259
		33 14.20	52 21 24.5	— 1	98					(141)
29	9.0	35 41.18	57 24 18.2	— 1	17	2.18	1.4	35 58.84	57 23 31.9	57.1285
30	8.5	38 18.81	59 2 28.9	— 2	4	2.24	1.2	38 36.40	59 1 42.6	58.958
31		40 28.89	58 28 41.3	— 2	96	2.22	1.2	40 46.51	58 27 52.2	58.967
32	8.4	42 20.69	58 16 16.2	— 1	95	2.21	1.1	42 38.32	58 15 29.1	58.980
33		44 36.38	58 53 22.3	— 2	7	2.24	1.0	44 53.98	58 52 36.6	58.990
34		49 7.62	58 58 20.2	— 2	0	2.24	0.8	49 25.22	58 57 33.7	58.1011
35	8.7	51 33.72	57 8 10.2	— 2	9	2.17	0.8	51 51.38	57 7 23.0	57.1343
36	8.5	53 8.63	57 22 11.5	— 2	12	2.18	0.7	53 26.28	57 21 24.9	57.1349
37		54 56.45	58 54 24.0	— 1	99	2.23	0.6	55 14.06	58 53 37.5	58.1028
38	8.2	58 51.68	57 13 26.4	— 2	2	2.17	0.5	59 9.35	57 12 38.5	57.1371
39	8.4	8 56.01	58 7 33.8	— 3	86	2.20	0.3	8 13.65	58 6 44.9	58.1045
40	9.0	5 5.53	56 59 14.3	— 1	3	2.16	0.3	5 23.20	56 58 26.5	56.1527
41	8.5	7 26.60	57 44 39.8	— 1	2	2.18	+ 0.2	7 44.26	57 43 52.9	57.1411
42	8.2	9 36.61	59 0 18.6	— 0	94	2.23	0.0	9 54.22	58 59 32.0	58.1074
43	8.4	11 43.03	57 31 8.3	— 1	98	2.17	0.0	12 0.70	57 30 20.6	57.1440
44		15 27.79	58 26 31.5	— 1	97	2.20	— 0.2	15 45.43	58 25 44.9	58.1093
45	8.8	16 50.31	58 27 21.3	— 3	4	2.20	0.2	17 7.95	58 26 35.9	58.1097
		20 27.30	59 14 44.0	— 1	81					z Argus
46	8.8	24 22.20	57 34 12.9	— 1	6	2.16	0.4	24 39.88	57 33 26.9	57.1525
47	8.7	26 42.10	57 33 33.2	— 2	13	2.15	0.5	26 59.79	57 32 48.4	57.1537
48	8.7	28 54.16	57 33 33.9	— 2	7	2.15	0.6	29 11.85	57 32 48.2	57.1554

ZONA 10 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
49	8.6	8 ^h 30 ^m 29 ^s .08	58°17'41".7	— 3	77	—2".17	— 0".7	8 ^h 30 ^m 46 ^s .75	58°16'52".6	58.1149
50		38 19.60	57 15 6.3	0	0	2.13	0.9	38 37.30	57 14 19.6	57.1644
51		42 45.00	58 25 19.8	0	5	2.16	1.1	43 2.68	58 24 35.3	58.1202
52	8.5	45 9.85	58 10 46.8	0	93	2.17	1.2	45 27.52	58 10 0.4	58.1221
53		49 7.20	57 19 21.8	— 1	97	2.11	1.3	49 24.92	57 18 35.0	57.1759
54	8.4	52 45.23	58 22 26.6	2	95	2.14	1.5	53 2.93	58 21 40.9	58.1285
55	8.3	54 47.66	58 15 56.9	0	97	2.13	1.5	55 5.37	58 15 11.4	58.1306
56		56 59.92	58 46 0.1	1	95	2.14	1.7	57 17.62	58 45 15.0	58.1327
57	8.7	59 46.92	57 26 56.9	1	6	2.09	1.6	9 0 4.67	57 26 11.9	57.1837
58	8.0	9 2 12.67	57 31 18.8	1	97	2.09	1.7	2 30.42	57 30 32.7	57.1859
59	8.7	4 20.31	58 25 20.5	0	98	2.11	1.9	4 38.04	58 24 35.7	58.1387
60	9.0	6 26.18	57 31 46.4	1	5	2.08	1.9	6 43.94	57 31 2.0	57.1898
61	9.0		57 11 27.1	1	99		1.9		57 10 41.0	57.1908
62	8.5	10 18.46	57 6 16.0	1	90	2.05	1.9	10 36.24	57 5 28.6	56.2049
63	8.8	12 34.37	58 3 30.5	— 2	91	2.08	2.1	12 52.13	58 2 44.6	57.1948
64	8.7	15 28.21	57 36 58.7	1	5	2.05	2.2	15 46.00	57 36 14.3	57.1977
65	8.4	17 8.33	59 7 23.4	2	93	2.10	2.4	17 26.06	59 6 39.2	58.1485
		19 9.26	54 39 22.5	— 1	5					z Argus
66	8.3	21 55.98	58 19 47.6	— 1	3	2.01	2.4	22 13.81	58 19 4.0	58.1513
67	8.8	25 34.90	57 30 44.8	0	5	2.02	2.5	25 52.72	57 30 0.5	57.2067
68	8.9	27 29.24	58 2 32.5	— 3	4	2.03	2.6	27 47.05	58 1 48.9	57.2088
69		29 39.75	57 9 14.0	— 1	94	2.00	2.5	29 57.58	57 8 27.9	58.2296
70	8.9	31 16.95	57 28 55.5	— 2	6	2.00	2.6	31 34.79	57 28 11.5	57.2136
71	8.8	33 31.67	57 19 55.7	— 1	84	1.99	2.7	33 49.51	57 19 8.4	57.2161
72		35 41.18	58 47 56.0	— 3	0	2.03	2.9	33 58.99	58 47 13.0	58.1599
73		37 45.81	57 36 16.5	1	0	1.99	2.8	38 3.66	57 35 32.0	57.2228
74	8.2	40 54.75	57 46 40.4	1	0	1.98	2.9	41 12.61	57 45 56.1	57.2274
75	8.4	42 49.14	59 4 55.0	— 1	96	2.01	3.2	43 6.96	59 4 12.0	58.1638
76	8.8		57 16 20.5	1	93		3.0		57 15 34.8	57.2330
77			59 4 32.8	— 1	4		3.3		59 3 51.0	58.1668
78	8.7	51 27.93	58 12 50.6	— 3	10	1.95	3.3	9 51 45.81	58 12 8.8	58.1693
		53 32.54	54 10 17.5	0	2					[z Argus]
79	8.6	55 38.87	58 21 37.7	1	3	1.94	3.4	55 56.76	58 20 55.0	58.1750
80	8.2	57 18.99	58 22 37.4	— 3	95	1.93	3.5	57 36.89	58 21 53.7	58.1781
81	8.6	59 41.67	57 21 28.3	1	4	1.90	3.4	59 59.59	57 20 44.6	57.2580

ZONA 11 A

Febrero 4 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		6 ^h 8 ^m 19 ^s .75	54°57'51".1	— 3	5					[z Pictoris]
2		12 15.57	58 48 51.1	— 2	98	—2".09	+ 4".9	6 ^h 12 ^m 33 ^s .07	58°48' 0".4	58.651
3	8.8	14 18.53	57 59 2.9	— 1	2	2.04	5.0	14 36.08	57 58 11.7	57.975
4		16 2.50	58 30 16.0	0	90	2.06	5.0	16 20.03	58 29 23.2	58.664
5		17 40.46	58 35 49.2	0	88	2.07	4.9	17 57.98	58 34 56.8	58.672
		21 55.85	58 8 50.9	— 2	88	2.06	4.7	22 13.38	58 7 58.1	88.690

ZONA 11 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
6	8.2	6 ^h 25 ^m 6 ^s .04	58° 10' 85.7	0	98	2.07	+ 4.6	6 ^h 25 ^m 23 ^s .56	58° 10' 4.6	58.705
7	9.0	27 1.87	57 43 59.1	- 2	0	2.06	4.5	27 19.40	57 43 7.8	57.1006
8	8.2	29 39.53	57 33 47.2	- 2	99	2.06	4.4	29 57.07	57 32 55.7	57.1012
9	8.6	32 19.65	57 1 49.7	1	6	2.05	4.3	32 37.19	57 0 59.2	56.1111
10	8.8	33 56.27	58 9 13.0	- 1	95	2.09	4.3	34 13.77	58 8 21.7	58.740
11	8.2	36 48.43	58 16 29.1	1	0	2.11	4.2	37 5.91	58 15 38.7	58.746
12	8.9	40 8.15	56 59 40.2	- 1	92	2.07	4.0	40 25.67	56 58 47.3	56.1143
13	8.8	42 58.57	58 47 25.0	- 3	5	2.15	4.0	43 16.02	58 46 36.3	58.767
14			58 34 28.4	- 1	3		3.9		58 33 39.2	58.776
		47 1.31	61 51 41.9	1	91					z Pictoris
15		49 53.16	58 14 11.6	- 1	1	2.13	3.7	50 10.62	58 13 21.9	58.788
16	8.9	54 19.48	57 39 52.5	- 1	88	2.12	3.5	54 36.95	57 39 0.3	57.1084
17	8.8	56 37.52	57 50 13.3	0	16	2.13	3.5	56 54.98	57 49 25.5	57.1090
18		58 52.94	58 17 1.0	2	98	2.15	3.4	59 10.38	58 16 11.2	58.816
19		7 1 28.52	57 23 15.5	- 2	0	2.12	3.3	7 1 45.98	57 22 25.0	57.1116
20	8.8	2 55.28	57 4 16.4	- 1	2	2.11	3.2	3 12.75	57 3 25.3	57.1128
21	9.0	4 52.01	58 58 51.6	- 2	15	2.18	3.1	5 9.40	58 58 5.4	58.847
22		8 30.30	58 51 38.8	1	20	2.18	3.0	8 47.69	58 50 53.3	58.860
23	8.5		57 24 47.6	- 1	2		3.0		57 23 57.8	57.1163
24	9.0	13 18.57	57 21 4.4	1	0	2.13	2.8	13 36.02	57 20 14.4	57.1176
		16 35.63	67 48 35.6	- 2	1					δ Volantis
25		18 39.35	59 0 54.3	0	3	2.20	2.6	18 56.72	59 0 6.9	58.897
26	9.0	20 8.90	57 13 52.9	- 2	14	2.14	2.6	20 26.34	57 13 5.1	57.1206
27		22 23.23	58 20 18.1	0	96	2.18	2.5	22 40.63	58 19 29.0	58.909
28		26 20.39	57 54 33.8	- 1	75	2.17	2.4	26 37.80	57 53 41.3	57.1236
29		28 1.58	58 3 30.8	- 2	87	2.17	2.3	28 18.99	58 2 40.3	57.1240
30		29 32.28	57 46 11.9	1	99	2.16	2.3	29 49.70	57 45 22.7	57.1250
31		31 44.10	59 1 23.6	1	94	2.21	2.1	32 1.46	59 0 55.4	58.935
32		34 4.68	57 7 2.9	2	8	2.21	2.1	34 22.05	57 6 14.4	57.1277
33	9.0	36 9.58	58 31 41.1	1	92	2.19	2.0	36 26.97	58 30 54.5	58.952
34	8.9		58 9 4.2	- 1	85		1.9		58 8 13.8	58.960
35		40 18.32	58 26 22.6	1	96	2.19	1.8	40 35.71	58 25 35.4	58.967
36		42 21.96				2.17		42 39.37		57.1311
37		44 2.62	58 34 57.2	- 1	14	2.20	1.7	44 20.00	58 34 11.8	58.988
38		46 25.18	58 30 53.0	0	12	2.20	1.6	46 42.56	58 30 7.3	88.1003
39		49 49.43	58 26 42.1	1	3	2.19	1.5	50 6.82	58 25 55.1	58.1012
40		52 16.59	58 21 29.5	1	96	2.19	1.4	52 33.98	58 20 41.5	58.1018
		54 17.99	57 45 56.5	0	12					z Argus
41			57 32 51.0	- 3	5		1.2		57 32 3.6	57.1368
42		8 13 51.90	57 0 59.5	0	0	2.14	0.7	8 14 9.34	57 0 11.3	56.1569
43	8.0	15 52.95	58 54 35.3	1	90	2.20	0.5	16 10.32	58 53 47.9	58.1096
44		17 48.09	57 24 49.2	- 1	98	2.15	0.5	18 5.52	57 24 1.2	57.1484
		20 27.47	59 14 41.9	- 1	1					z Argus
45		23 17.17	57 51 51.2	1	96	2.16	0.3	23 34.59	57 51 3.7	57.1513
46		25 44.96	57 28 27.4	- 2	25	2.14	0.3	26 2.41	57 27 29.2	57.1532
47		28 54.67	57 33 32.6	- 2	11	2.14	0.1	29 12.12	57 32 47.2	57.1554
48		30 56.82	57 4 49.5	- 1	85	2.13	0.1	31 14.27	57 3 59.7	56.1716
49		33 0.19	57 43 26.9	- 2	0	2.14	0.0	33 17.63	57 42 40.2	57.1591
50		38 19.72	57 15 5.6	0	5	2.12	- 0.2	38 37.18	57 14 19.2	57.1644
51		40 16.58	58 12 13.6	2	94	2.15	0.3	40 34.01	58 11 26.8	58.1183
52		42 17.30	58 43 54.4	- 2	2	2.16	0.4	42 34.72	58 43 9.5	58.1197
53		46 2.84	57 55 13.5	0	99	2.13	0.5	46 20.29	57 54 27.3	57.1728
54		49 7.42	57 19 23.0	- 1	85	2.11	0.5	49 24.89	57 18 34.1	57.1759
		52 48.71	60 19 41.3	- 1	90					c Carinae
55		54 38.98	58 49 3.6	- 1	96	2.15	0.8	54 56.41	58 48 18.4	58.1306
56		57 37.68	57 56 16.2	1	96	2.11	0.9	57 55.15	57 55 30.0	57.1822
57		59 47.29	57 26 58.3	1	0	2.09	0.9	9 0 4.78	57 26 12.1	57.1837

ZONA 11 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Mícróm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
58		9 ^h 1 ^m 53 ^s 51	57° 49' 33.0	— 1	0	2.14	— 0.8	9 ^h 2 ^m 10 ^s 94	58° 48' 48.3	58° 13' 70
59		3 49.92	58 44 8.0	— 1	93	2.13	1.1	4 7.36	58 43 23.5	58.1385
60		5 29.81	57 47 42.3	— 3	3	2.09	1.0	5 47.29	57 46 57.1	57.1885
61		7 41.42	57 54 10.6	— 1	2	2.09	1.2	7 58.90	57 53 25.5	57.1905
62		10 23.10	59 4 14.7	— 1	2	2.12	1.4	10 40.54	59 3 31.2	58.1432
63	8.8	12 24.10	57 20 10.8	0	91	2.06	1.3	12 41.61	57 19 23.5	57.1947
64	8.7	14 36.84	58 42 39.4	— 3	4	2.10	1.5	14 54.31	58 41 55.8	58.1466
65	7.8	16 40.81	58 34 42.1	— 1	82	2.09	1.5	16 58.29	58 33 55.2	58.1482
		19 9.59	54 39 24.7	— 1	3					z Argus
66	9.0	21 27.82	58 2 43.0	— 3	96	2.06	1.6	21 45.33	58 1 57.7	57.2023
67	8.7	23 26.09	57 21 5.1	1	4	2.04	1.6	23 43.62	57 20 20.0	57.2045
68		24 48.43	58 34 16.9	— 1	98	2.07	1.8	25 5.93	58 33 32.6	58.1530
69		26 48.90	57 56 4.2	1	99	2.05	1.8	27 6.42	57 55 19.2	57.2081
70	8.7	30 45.48	57 19 57.3	— 1	99	2.02	1.8	31 3.03	57 19 11.7	57.2128
71	8.7	32 59.28	59 6 13.3	— 1	5	2.06	2.1	33 16.78	59 5 30.9	58.1583
72	9.0	34 35.31	57 23 25.4	— 2	11	2.01	1.9	34 52.87	57 22 41.7	57.2175
73		37 0.57	58 54 23.1	— 1	3	2.05	2.2	37 18.08	58 53 40.3	58.1606
74	8.9	38 41.55	57 37 13.4	2	0	2.00	2.1	38 59.12	57 36 28.5	57.2237
75	9.0	40 41.45	58 16 11.6	1	90	2.01	2.2	40 59.01	58 15 26.1	58.1625
		44 39.83	64 40 58.0	0	3					z Argus
76		48 38.78	58 52 33.2	— 3	10	2.01	2.5	48 56.34	58 51 51.7	58.1678
77		50 49.32	57 13 26.5	— 2	7	1.95	2.4	51 6.94	57 12 42.5	57.2409
78		52 39.53	58 42 38.1	— 3	90	1.99	2.6	52 57.11	58 41 53.6	58.1709
79	8.4	55 16.93	57 19 33.8	— 1	97	1.94	2.5	55 34.56	57 18 48.6	57.2486
80	8.6	56 40.85	58 52 23.1	— 3	0	1.98	2.8	56 58.44	58 51 40.4	58.1766
81	8.4	59 1.71	57 18 2.4	— 2	0	1.93	2.6	59 19.35	57 17 17.7	57.2558

ZONA 12 A

Febrero 8 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Mícróm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.8	6 ^h 16 ^m 28 ^s 18	57° 54' 24.7	— 1	19	— 1.93	+ 5.9	6 ^h 16 ^m 45 ^s 15	57° 53' 34.5	57° 9' 81
2	8.8	18 12.31	58 0 45.9	0	7	1.94	5.9	18 29.27	57 59 54.0	57.986
		21 45.39	52 39 52.5	— 1	97					z Argus
3		24 28.97	57 23 33.8	— 2	0	1.94	5.6	24 45.92	57 22 40.5	57.999
4	8.6	26 49.16	58 18 40.4	— 2	91	1.97	5.6	27 6.08	58 17 47.0	58.712
5	8.6	29 19.32	56 53 28.2	— 2	95	1.94	5.5	29 36.27	56 52 33.8	56.1102
6	8.8	30 49.92	57 49 51.2	— 1	86	1.92	5.5	31 6.85	57 48 56.5	57.1013
7		34 43.66	57 28 51.7	— 2	97	1.97	5.3	35 0.59	57 27 58.4	57.1027
8		36 48.63	58 16 30.0	1	5	2.00	5.3	37 5.52	58 15 38.6	58.746
9	8.4		58 24 37.8	— 1	3		5.1		58 23 46.6	58.772
10		46 57.62	58 21 56.3	— 4	3	2.03	4.9	47 14.48	58 22 5.3	58.779
11	8.9	51 56.86	57 36 3.6	1	95	2.02	4.8	52 13.74	57 35 10.6	57.1076
12	8.6	54 19.85	57 39 53.1	— 1	95	2.02	4.7	54 36.73	57 39 0.3	57.1084
13	8.7	57 43.10	58 30 10.6	0	8	2.06	4.6	57 59.93	58 29 20.8	58.810
14	8.3	7 0 14 81	57 29 26.5	— 1	92	2.03	4.5	7 0 31.67	57 28 35.6	57.1111

ZONA 12 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
15	8.9	7 ⁿ 2 ^m 25 ^s 27	56° 38' 1 ⁿ 2	— 2	95	— 2.03	+ 4.4	7 ⁿ 4 ^m 44 ^s 82	57° 6' 41.7	Carinae 27 G
16	9.0	4 27.97	57 7 36.1	— 3	85	2.08	4.2	9 45.88	58 15 23.4	57° 1138
17		9 29.08	58 16 15.3	1	93	2.08	4.1	10 51.53	58 15 26.4	58.864
18		10 34.73	58 16 20.7	1	77	2.09	4.1	14 2.33	58 23 21.7	58.869
19	8.8	13 45.54	58 24 12.2	— 1	0	2.08	4.0	16 0.30	58 2 39.0	58.885
20		15 43.49	58 3 31.3	— 2	90	2.07	3.9	18 9.78	57 37 1.6	57.1183
21	8.6	17 52.96	57 37 53.9	— 3	92	2.09	3.9	19 22 49	58 16 30.1	57.1192
22	8.8	19 5.70	58 17 20.2	2	3	2.06	3.8	21 17.38	57 4 11.9	58.900
23	9.0	21 0.56	57 5 2.4	0	9	2.09	3.8	23 14.23	57 49 59.7	56.1325
24	8.8	22 57.43	57 50 49.3	0	9	2.08	3.7	25 24.22	57 26 8.9	57.1223
25	8.8	25 7.41	57 27 1.3	2	93	2.12	3.6	28 14.20	58 33 59.1	57.1234
26		27 57.44	58 34 49.7	— 1	95	2.08	3.5	31 5.89	57 11 18.0	58.919
		30 49.09	57 12 9.6	2	0	2.08	3.3	36 33.90	57 12 31.1	57.1257
		33 15.05	52 21 26.7	1	97	2.13	3.2	39 17.92	58 40 5.9	(141)
27	9.0	36 17.10	57 13 21.3	— 2	6	2.11	3.1	43 20.23	57 52 37.1	57.1286
28		39 1.17	58 40 53.5	0	12	2.14	3.0	45 19.98	58 41 34.4	58.963
29	8.6	41 9.03	58 27 32.7	— 3	2	2.15	2.8	50 25.01	58 46 31.4	58.974
30	8.8	43 3.45	57 53 26.4	— 2	5	2.10	2.7	53 21.64	58 22 16.5	57.1316
31		45 3.24	58 42 23.7	2	0	2.16	2.4	55 55.00	57 14 44.2	58.992
32	8.8	50 8.28	58 47 21.3	2	94	2.12	2.5	59 43.10	57 52 42.6	58.1013
33	8.7	53 4.90	58 23 6.8	— 2	92	2.14	2.3	8 3 33.32	58 59 55.0	58.1021
34		55 38.22	57 15 34.4	0	2	2.14	2.1	7 3.77	58 21 55.0	57.1358
35		59 26.33	57 53 30.8	— 2	9	2.11	2.1	10 26.81	58 18 26.3	57.1373
36	8.6	8 3 16.60	59 0 42.3	0	6	2.15	1.9	15 3.78	57 11 38.5	58.1048
37	8.5	6 47.03	58 22 44.3	— 3	95			17 53.03	58 37 10.0	58.1063
38		10 11.07	58 19 15.7	— 1	95					58.1075
39	8.8	14 47.01	57 12 28.1	— 3	1					57.1462
40		17 36.30	58 37 56.3	— 3	4					58.1100
		20 28.12	59 14 44.1	— 1	96					= Argus

ZONA 13 A

Febrero 9 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		6 ⁿ 8 ^m 20 ^s 33	54 57 53.8	— 3	95	— 1.91	+ 6.4	6 ⁿ 10 ^m 44 ^s 01	58° 56' 56.6	[5 Pictoris]
2	8.8	10 27.10	58 57 48.0	— 3	1	1.86	6.2	14 0.40	57 1 28.6	58° 643
3	8.4	13 43.44	57 2 22.7	2	0	1.90	6.2	15 54.80	58 7 54.5	57.973
4	8.6	15 37.88	58 8 45.5	— 2	10	1.91	6.1	17 51.77	58 1 0.7	58.661
5	8.0	17 34.86	58 1 52.9	1	4	1.92	6.1	19 39.00	58 18 36.1	58.670
6	8.4	19 22.10	58 19 27.5	— 1	5	1.89	6.2	22 13.41	58 7 58.1	58.679
7	8.8	21 56.48	58 8 49.9	— 2	5	1.91	5.9	24 46.03	57 32 41.6	58.690
8	8.8	24 29.12	57 23 32.3	— 2	16	1.94	5.9	26 35.64	58 5 19.4	57.999
9	8.7	26 12.76	58 6 10.0	1	12	1.92	5.8	28 19.63	57 12 56.3	58.708
10	8.6	28 2.73	57 13 48.8	— 2	4	1.96	5.8	30 16.72	58 33 52.6	57.1009
11	8.8	29 59.86	58 34 44.3	— 1	99			33 47.53	57 11 36.4	58.720
	8.4	33 30.64	57 12 27.9	2	5					57.1020

ZONA 13 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
12		6 ^h 35 ^m 3 ^s .09	58° 20' 57".5	0	90	-1° 97	+ 5.6	6 ^h 35 ^m 19 ^s .94	58° 20' 4".3	58° 7' 42
13	8.0	37 24.43	58 46 13.6	1	3	1.99	5.5	37 41.26	58 45 22.8	58.748
14	8.9	39 35.47	58 9 53.5	- 1	10	1.98	5.4	39 52.31	58 9 3.2	58.751
15	8.2	41 15.40	58 24 38.4	- 1	98	1.99	5.4	41 32.25	58 23 46.7	58.762
16	8.6	42 58.47	57 21 54.6	1	96	1.96	5.3	43 15.33	57 21 1.3	57.1047
		47 1.73	61 51 41.4	1	4					z Pictoris
17	8.7	48 55.77	57 17 53.0	- 3	96	1.98	5.1	49 12.53	57 17 0.2	57.1065
18	9.0	50 56.99	57 54 0.3	- 1	15	2.00	5.1	51 13.88	57 53 10.8	57.1072
19	8.9	53 29.90	58 50 14.8	0	99	2.03	5.0	53 46.69	58 49 24.1	58.797
20		57 24.15	58 24 30.6	- 1	6	2.03	4.9	57 40.94	58 23 40.6	58.807
21	8.0	59 19.10	57 4 51.8	- 1	0	2.00	4.8	59 35.92	57 3 59.5	57.1107
22		7 1 39.28	59 3 48.4	- 2	92	2.06	4.7	7 1 56.02	59 2 57.4	58.826
23	8.3	3 39.71	57 13 45.1	- 2	5	2.01	4.7	3 56.51	57 12 53.9	57.1134
24		5 5.28	58 15 32.7	0	3	2.04	4.6	5 22.05	58 14 42.4	58.848
25	8.8	7 34.62	57 22 17.3	2	94	2.02	4.5	7 51.41	57 21 24.5	57.1150
26	8.4	10 9.73	58 43 5.1	- 2	10	2.07	4.5	10 26.47	58 42 16.7	58.867
27	9.0	11 51.66	58 0 25.6	0	5	2.05	4.4	12 8.42	57 59 35.4	57.1170
28		13 45.70	58 24 11.8	- 1	2	2.07	4.4	14 2.44	58 23 21.8	58.885
		16 36.40	67 48 34.8	- 1	17					δ Volantis
29	8.8	18 31.31	57 29 56.4	- 1	0	2.05	4.2	18 48.08	57 29 5.2	57.1196
30	8.7	20 34.25	58 34 56.5	- 1	2	2.08	4.1	20 50.98	58 34 6.8	58.905
31	8.9	22 25.45	57 8 18.2	- 2	95	2.04	4.1	22 42.22	57 7 26.1	57.1218
32	8.9	25 23.82	58 50 8.2	0	17	2.10	4.0	25 40.53	58 49 21.2	58.913
33		28 1.83	57 13 41.3	- 2	86	2.06	3.9	28 18.58	57 12 48.1	57.1239
34	8.4	30 49.15	57 12 9.0	2	4	2.06	3.8	31 5.90	57 11 18.2	57.1257
35	8.7	32 54.31	58 28 43.5	- 2	98	2.10	3.7	33 11.02	58 27 53.7	58.940
36	8.7	34 55.07	57 52 33.5	- 3	3	2.08	3.7	35 11.80	57 51 43.9	57.1282
37	8.7	36 43.18	58 26 42.6	1	99	2.10	3.6	36 59.89	58 25 52.7	58.954
38		39 1.42	58 40 56.5	0	96	2.12	3.5	39 18.11	58 40 6.7	58.963
39		40 59.37	58 2 18.5	2	0	2.10	3.5	41 16.08	58 1 28.4	57.1305
40	8.4	43 9.00	58 45 32.3	0	2	2.12	3.4	43 25.69	58 44 43.6	58.984
41	8.5	45 24.85	57 47 16.4	2	5	2.10	3.3	45 41.57	57 46 26.8	57.1324
42	8.4	48 3.94	58 22 33.9	2	96	2.12	3.2	48 20.63	58 21 43.8	58.1008
43	8.8	50 8.33	58 47 19.2	2	17	2.13	3.2	50 25.01	58 46 32.8	58.1013
44	8.4	51 58.76	57 21 45.8	1	1	2.09	3.1	52 15.48	57 20 55.4	57.1346
		54 18.53	52 45 59.3	0	5					z Argus
45	8.9	57 53.46	58 59 12.5	- 1	4	2.14	2.9	58 10.13	58 58 24.9	58.1031
46	8.8	8 0 22.96	57 36 33.0	1	94	2.10	2.9	8 0 39.68	57 35 42.3	57.1382
47		13 52.62	57 1 4.3	1	78	2.09	2.5	14 9.34	57 0 10.9	56.1569
48		15 53.61	58 54 35.2	- 1	0	2.15	2.3	16 10.27	58 53 47.6	58.1096
49	8.5	17 48.74	57 24 50.5	- 1	6	2.11	2.3	18 5.45	57 24 2.0	57.1484
50		19 0.75	57 42 42.5	2	3	2.11	2.3	19 17.46	57 41 53.7	57.1490
51		20 33.34	57 37 30.2	2	0	2.11	2.2	20 50.05	57 36 40.9	57.1496
52	8.5	23 58.88	57 37 59.8	- 3	6	2.11	2.1	24 15.59	57 37 11.9	57.1520
53	8.4	26 15.52	57 32 11.8	2	90	2.11	2.0	26 32.23	57 31 21.1	57.1534
54	8.8	27 30.63	57 0 25.6	0	15	2.09	2.0	27 47.35	56 59 38.1	56.1674
55	8.9	30 6.60	57 6 36.5	1	8	2.10	1.9	30 23.31	57 5 48.1	56.1702
56	8.0	32 39.32	58 30 36.3	0	0	2.14	1.8	32 55.99	58 29 48.6	58.1153
57	8.8	35 12.72	58 11 21.2	1	93	2.13	1.7	35 29.40	58 10 33.1	58.1161
58	8.6	37 44.95	58 6 17.9	1	91	2.12	1.6	38 1.64	58 5 28.5	57.1638
		42 2.96	54 24 28.6	- 1	98					δ Argus
59	8.1	44 41.78	57 46 24.1	1	99	2.11	1.4	44 58.49	57 45 35.6	57.1709
60	8.5	46 19.26	57 10 54.1	0	83	2.09	1.4	46 35.98	57 10 2.7	57.1732
61	9.0	49 45.81	57 55 19.8	0	0	2.11	1.3	50 2.52	57 54 31.9	57.1769
62	8.8	52 22.37	57 26 43.7	1	92	2.10	1.2	52 39.09	57 25 54.2	57.1787
63		54 35.58	58 54 35.4	- 1	98	2.14	1.0	54 52.25	58 53 48.7	58.1301
64	9.0	56 13.86	57 54 17.1	- 1	5	2.11	1.1	56 30.57	57 53 30.2	57.1814

ZONA 13 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
65	8.8	8 ^h 57 ^m 58 ^s 20	57° 36' 47.8	1	10	-2 ^s 10	+ 1 ^s 0	8 ^h 58 ^m 14 ^s 91	57° 36' 2.3	57° 1825
66	8.2	9 0 48.94	57 26 18.6	1	94	2.09	1.0	9 1 5.66	57 25 29.5	57.1848
67	9.0	2 57.09	58 18 6.9	- 2	95	2.11	0.8	3 13.78	58 17 19.4	58.1378
68	8.7	5 8.54	57 23 56.0	- 2	9	2.08	0.8	5 25.27	57 23 9.4	57.1882
69	9.0	6 52.83	57 46 27.0	1	98	2.09	0.8	7 9.55	57 45 39.1	57.1902
70	8.8	8 32.13	58 52 29.8	- 3	2	2.12	0.6	8 48.81	58 51 44.3	58.1420
71	8.5	12 2.39	57 19 3.3	- 1	3	2.07	0.6	12 19.12	57 18 15.9	57.1943
72	8.6	13 43.12	58 53 13.4	- 2	97	2.12	0.5	13 59.80	58 52 27.3	58.1456
73		15 30.50	58 55 35.7	0	10	2.12	0.4	15 47.20	58 54 51.4	58.1474
74	8.7	22 12.82	58 50 13.2	0	99	2.10	0.2	22 29.53	58 49 27.3	58.1514
75		24 46.12	57 43 55.6	- 2	5	2.07	0.2	25 2.86	57 43 9.5	57.2058
76	8.8	26 14.84	59 8 9.0	- 2	2	2.11	0.0	26 31.53	59 7 24.3	58.1543
77	8.7	29 13.07	57 18 55.5	- 2	8	2.05	+ 0.1	29 29.82	57 18 10.4	57.2106
78		31 26.03	58 3 19.1	- 2	5	2.06	0.0	31 42.77	58 2 33.5	57.2139
79	8.2	33 19.19	57 39 12.0	- 1	0	2.05	0.0	33 35.95	57 38 25.3	57.2159
80		35 12.50	59 1 30.8	1	2	2.09	- 0.2	35 29.21	59 0 46.0	58.1593
81	8.5	39 40.24	59 9 45.6	- 1	80	2.08	0.4	39 56.96	59 8 57.9	58.1619
82	8.0	42 19.94	59 5 30.1	0	94	2.07	0.4	42 36.67	59 4 44.4	58.1635
		44 40.64	64 40 58.7	0	3					Argus
83		47 10.20	57 49 34.5	- 1	98	2.03	0.4	47 26.98	57 48 48.0	57.2367
84	8.4	49 8.84	58 27 3.0	2	96	2.64	0.5	49 25.60	58 26 16.9	58.1679
85	8.8	50 54.22	57 15 12.2	0	87	2.00	0.5	51 11.02	57 14 23.4	57.2410
		53 33.66	54 10 18.8	0	7					[Argus]
86	8.0	56 5.45	57 43 43.6	- 2	1	2.00	0.7	56 22.26	57 42 57.7	57.2510
87	8.7	58 9 96	58 34 55.9	- 1	12	2.02	0.8	58 26.74	58 34 12.6	58.1799
88		10 0 14.90	58 27 57.2	- 3	97	2.01	0.9	10 0 31.69	58 27 11.8	58.1848

ZONA 14 A

Febrero 10 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		6 ^h 8 20 ^m 54 ^s	54° 57' 54.4	- 3	97					[Pictoris]
2		12 16.29	58 48 53.3	- 2	97	-1 ^s 88	+ 6 ^s 5	6 ^h 12 ^m 33 ^s 12	58 48' 0.2	58° 651
3	9.0		57 59 5.5	- 1	3		6.4		57 58 12.4	57.975
4			58 30 15.1	0	8		6.4		58 29 23.4	58.664
5	8.9	17 41.25	58 35 49.4	0	95	1.88	6.4	17 57.93	58 34 55.9	58.672
6		21 56.75	58 8 53.5	- 2	86	1.88	6.2	22 13.58	58 7 58.4	58.690
7		25 6.73	58 10 55.1	0	14	1.91	6.1	25 23.42	58 10 4.1	58.705
8	9.0	27 2.67	57 44 3.3	- 1	90	1.91	6.1	27 19.48	57 43 8.4	57.1006
9		29 40.27	57 33 48.1	- 2	8	1.92	6.0	29 57.07	57 32 55.8	57.1012
10	8.7	32 20.33	57 1 52.7	1	0	1.92	5.9	32 37.12	57 0 58.5	56.1111
11	8.8	33 56.69	58 9 13.4	- 1	95	1.99	5.9	34 13.41	58 8 19.9	58.740
12	8.0	36 49.05	58 16 30.8	1	4	2.02	5.8	37 5.74	58 15 38.8	58.746
13	9.0	40 8.91	56 59 40.6	- 1	4	1.98	5.6	40 25.64	56 58 47.3	56.1143
14	8.7	42 59.36	58 47 30.2	- 3	82	2.10	5.6	43 15.97	58 46 35.9	58.767
	8.5	45 1.38	58 34 29.2	- 1	7	2.11	5.5	45 17.98	58 33 38.3	58.776

ZONA 14 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 194.0	Decl. 194.0	C. P. D.
15		6 ^b 47 ^m 1.92	61° 51' 43.5	1	96					z Pictoris
16	8.5	49 53.92	58 14 12.4	— 1	13	— 2 ^s 13	+ 5.4	6 ^b 50 10 ^s 50	58 13 22.1	58.788
17	9.0	54 19.97	57 39 50.7	— 1	12	1.90	5.2	54 36.79	57 38 59.8	57.1084
18		56 38.33	57 50 16.0	0	3	1.99	5.2	56 55.06	57 49 24.0	57.1090
19		58 53.63	58 17 1.9	2	2	2.00	5.1	59 10.34	58 16 10.3	58.816
20	9.0	7 1 29.19	57 23 17.8	— 2	97	1.99	5.0	7 1 45.90	57 22 24.6	57.1116
21	8.7	4 52.66	58 58 55.5	— 2	2	2.04	4.9	5 9.32	58 58 4.9	58.847
22	8.5	8 30.82	58 51 44.7	1	7	2.05	4.8	8 47.47	58 50 54.8	58.860
23	9.0	10 33.48	57 24 50.0	— 1	0	2.01	4.7	10 50.18	57 23 57.5	57.1163
24	8.6	13 19.39	57 21 7.0	1	90	2.01	4.6	13 36.08	57 20 13.0	57.1176
25	8.8	18 40.08	67 48 37.1	— 2	1					c Volantis
26	9.0	20 9.61	59 0 59.9	0	83	2.07	4.5	18 56.71	59 0 7.0	58.897
27	8.5	22 24.07	57 14 1.5	— 1	62	2.02	4.4	20 26.29	57 13 3.5	57.1206
28	9.0	24 4.47	58 20 20.5	0	2	2.06	4.4	22 40.71	58 19 29.7	58.909
29	8.5	26 21.10	58 52 56.1	— 3	89	2.08	4.3	24 21.09	58 52 4.1	58.912
30	8.2	28 2.36	57 54 31.7	— 1	4	2.05	4.2	26 37.76	57 53 40.8	57.1236
31	9.0	29 33.09	58 3 31.7	— 2	98	2.06	4.2	28 19.01	58 2 40.2	57.1240
32	8.2	31 44.97	57 46 13.7	1	2	2.05	4.1	29 49.75	57 45 22.5	57.1250
33	8.5	34 5.44	59 1 27.5	1	85	2.10	4.1	32 1.57	59 0 35.3	58.935
34	9.0	36 10.65	57 7 6.8	2	99	2.04	4.0	34 22.10	57 6 14.5	57.1277
35	8.9	38 40.12	58 31 42.5	1	99	2.09	3.9	36 27.26	58 30 51.9	58.952
36	8.5	40 19.05	58 9 3.8	— 1	13	2.08	3.9	38 56.74	58 8 14.9	58.960
37	8.5	42 22.71	58 26 25.1	1	96	2.09	3.8	40 35.66	58 25 34.1	58.967
38	8.9	44 3.46	57 45 4.4	0	99	2.07	3.8	42 39.35	57 44 13.1	57.1311
39	8.6	46 26.22	58 35 2.9	0	95	2.10	3.7	44 20.06	58 34 12.1	58.988
40	8.6	49 50.44	58 30 58.2	0	1	2.10	3.6	46 42.82	58 30 8.2	58.1003
41		52 17.25	58 26 44.3	1	9	2.10	3.5	50 7.04	58 25 55.4	58.1012
42		54 18.80	58 21 31.4	1	2	2.10	3.4	52 33.85	58 20 41.5	58.1018
43	8.0	57 58.21	52 45 59.6	1	10					z Argus
44	8.0	8 13 52.65	57 32 53.9	— 3	10	2.08	3.3	58 14.84	57 32 4.5	57.1368
45		15 53.74	57 1 4.2	1	91	2.08	2.8	8 14 9.27	57 0 11.9	56.1569
46		17 48.99	58 54 35.7	— 1	5	2.14	2.6	16 10.30	58 53 47.7	58.1096
47		20 28.44	57 24 51.3	— 1	7	2.09	2.7	18 5 61	57 24 1.8	57.1484
48	8.6	23 18.06	59 14 43.8	— 1	9					z Argus
49	8.5	25 45.75	57 5. 52.1	1	10	2.11	2.5	23 34.66	57 51 3.7	57.1513
50	8.5	28 55.26	57 28 19.9	— 2	99	2.10	2.4	26 2.36	57 27 29.6	57.1532
51		30 57.93	57 33 34.5	— 2	21	2.10	2.3	29 11.87	57 32 47.7	57.1554
52	8.6	33 1.26	57 4 51.3	— 1	0	2.09	2.3	31 14.54	57 4 0.8	56.1710
53	9.0	38 20.72	57 43 29.3	— 2	4	2.11	2.1	33 17.86	57 42 40.3	57.1591
54	8.2	40 4.53	57 15 8.7	0	2	2.10	2.0	38 37.32	57 14 19.0	57.1644
55	8.2	42 18.09	58 14 21.9	— 1	5	2.12	1.9	40 21.11	58 13 33.9	58.1182
56	9.0	44 3.88	58 43 57.9	— 2	4	2.13	1.8	42 34.66	58 43 10.4	58.1197
57	8.4	46 3.88	57 56 42.1	1	98	2.11	1.8	43 58.71	57 55 52.8	57.1698
58	8.8	49 8.42	57 55 15.8	0	5	2.11	1.7	46 20.48	57 54 27.6	57.1728
59	8.5	52 49.39	57 19 24.0	— 1	4	2.09	1.7	49 25.03	57 18 35.0	57.1759
60	8.4	54 39.87	60 19 43.3	— 1	1					c Carinae
61	8.4	57 38.64	58 49 3.1	— 1	13	2.13	1.4	54 56.44	58 48 17.4	58.1303
62	8.6	59 48.09	57 56 18.7	1	2	2.10	1.4	57 55.25	57 55 30.3	57.1822
63	9.0	9 1 54.32	57 27 0.7	2	5	2.09	1.4	9 0 4.70	57 26 12.2	57.1837
64	8.7	3 50.82	58 49 38.1	— 1	94	2.13	1.2	2 10.88	58 48 49.9	58.1370
65		5 30.78	58 44 14.5	— 1	65	2.12	1.1	4 7.39	58 43 22.0	58.1385
66		7 42.14	57 47 45.5	— 3	12	2.09	1.2	5 47.39	57 46 58.7	57.1885
67		10 24.07	57 54 13.6	— 1	4	2.09	1.1	7 58.75	57 53 25.8	57.1905
68		12 48.14	59 4 18.7	— 1	3	2.13	0.9	10 40.63	59 3 32.3	58.1432
69		14 37.77	57 20 37.4	0	3	2.07	1.0	13 4.76	57 19 48.9	57.1950
70		16 41.70	58 42 41.0	— 3	0	2.11	0.8	14 54.35	58 41 53.9	58.1466
71			58 34 43.9	— 1	85	2.10	0.8	16 58.29	58 33 54.5	58.1482

ZONA 14 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
67		9 ^h 17 ^m 28 ^s .78				-2 ^s 10		9 ^h 17 ^m 45 ^s .37		58° 1488
		19 10.28	54° 39' 27".7	- 1	0					z Argus
68	9.0	21 28.57	58 2 43.6	- 3	8	2.08	+ 0.7	21 45.19	58° 1' 57".0	57.2023
69	8.6	23 26.91	57 21 8.5	1	0	2.06	0.7	23 43.54	57 20 19.9	57.2045
70	7.9		58 34 19.4	- 1	95		0.5		58 33 31.6	58.1530
71	7.9	26 49.66	57 56 6.2	1	5	2.07	0.5	27 6.29	57 55 19.1	57.2081
72	9.0	28 41.16				2.07		28 57.79		57.2102
73	8.8	30 46.41	57 19 58.5	- 1	4	2.05	0.5	31 3.05	57 19 10.6	57.2128
74	8.7	33 0.31	59 6 20.5	1	80	2.10	0.2	33 16.90	59 5 31.5	58.1583
75	7.8	37 1.63	58 54 25.8	- 1	0	2.08	0.1	37 18.25	58 53 39.6	58.1606
76	8.8	38 42.38	57 37 15.1	2	0	2.08	+ 0.2	38 58.99	57 36 27.3	57.2237
77	8.7	46 48.67	57 31 2.1	1	8	2.03	0.0	47 5.34	57 30 15.6	57.2362
		44 40.81	64 41 0.5	1	98					y Argus
78	8.7	48 39.67	58 53 38.4	- 2	97	2.06	- 0.2	48 56.30	58 52 52.1	58.1678
79	8.7	50 50.32	57 13 31.6	- 2	89	2.01	0.1	51 7.00	57 12 42.0	57.2409
80		52 40.57	58 42 41.9	- 3	90	2.05	0.3	52 57.21	58 41 54.4	58.1709
81	8.6	55 17.81	57 19 36.1	- 1	95	2.00	0.2	53 34.50	57 18 47.6	57.2486
82	8.6	56 41.86	58 52 26.9	2	91	2.04	0.4	56 58.51	58 51 39.8	58.1766
83	8.2	59 2.74	57 18 5.2	- 2	98	1.96	0.3	59 19.44	57 17 17.3	57.2558

ZONA 15 A

Febrero 11 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	9.6	6 ^h 7 ^m 0 ^s .19	58° 29' 4".7	- 1	12	-1.82	+ 6.9	6 ^h 7 ^m 16 ^s .90	58° 28' 12".3	58° 629
2	8.6	9 33.24	58 16 55.3	1	97	1.82	6.8	9 49.95	58 16 0.6	58.639
3	8.6	12 16.27	58 48 54.4	- 2	97	1.85	6.7	12 32.94	58 48 0.4	58.651
4	8.4	16 15.53	58 47 17.2	2	7	1.86	6.6	16 32.19	58 46 24.7	58.666
5		19 22.44	58 19 29.3	- 1	6	1.86	6.5	19 39.11	58 18 36.2	58.679
		21 45.64	52 39 53.3	- 1	2					z Argus
6		25 25.77	57 57 41.6	- 3	12	1.87	6.3	25 42.43	57 46 49.1	57.1001
7		27 13.87	57 33 33.9	- 2	95	1.87	6.3	27 30.53	57 32 38.6	57.1008
8		30 24.75	58 42 11.3	2	8	1.91	6.2	30 41.37	58 41 19.3	58.722
9	8.9	33 56.19	57 49 33.3	- 1	95	1.89	6.1	34 12.83	57 48 48.5	57.1022
10	8.0	35 48.71	58 7 15.3	2	8	1.91	6.0	36 5.33	58 6 22.8	58.744
11	8.6	39 35.60	58 9 58.4	- 1	95	1.92	5.9	39 52.21	58 9 4.2	58.751
12	8.0	41 15.59	58 24 45.7	- 1	99	1.93	5.9	41 32.19	58 23 46.5	58.762
13		46 32.22	57 34 23.0	- 1	7	1.93	5.7	46 48.82	57 33 30.0	57.1059
14	8.6	48 55.91	57 17 53.1	- 3	1	1.93	5.7	49 12.50	57 16 59.0	57.1065
15		54 37.06	57 28 18.5	- 2	10	1.95	5.5	54 53.64	57 27 26.1	57.1085
16	8.0	57 35.73	57 53 48.4	- 2	92	1.97	5.4	57 52.29	57 52 53.9	57.1099
17		7 0 13.96	57 12 15.6	2	96	1.95	5.3	7 0 30.52	57 11 21.1	57.1110
		2 25.45	56 38 2.4	- 2	97					[Carinae 27 G]
18	8.7	4 12.56	57 52 56.3	- 3	2	1.98	5.2	4 29.10	57 52 3.5	57.1137
19	8.8	7 27.29	58 57 50.5	- 3	94	2.02	5.1	7 43.78	58 56 57.9	58.855
20	8.2	9 10.05	58 43 37.8	- 2	6	2.02	5.1	9 26.54	58 42 46.7	58.862

ZONA 15 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
21	8.6	7 ^b 10 ^m 50 ^s 96	58 6 9.3	1	12	-2.00	+ 5.0	7 ^b 11 ^m 7 ^s 48	58° 5' 18.4	58 870
22	8.5	14 31.02	57 29 59.8	- 1	98	2.00	4.9	14 47.54	57 29 6.3	57.1179
23		16 34.78	57 12 26.1	2	0	1.99	4.8	16 51.30	57 11 32.6	57.1187
24	8.6	18 43.04	57 20 20.4	0	10	2.00	4.8	18 59.56	57 19 28.6	57.1198
25	8.7	21 52.63	57 26 59.4	1	99	2.01	4.8	22 9.14	57 26 6.3	57.1213
26	8.5	26 35.13	58 22 18.9	2	98	2.05	4.5	26 51.60	58 21 26.8	58.916
27	8.2	28 25.19	57 16 58.5	1	8	2.02	4.5	28 41.68	57 16 6.6	57.1242
28	8.8	31 14.36	57 37 16.8	- 3	5	2.03	4.4	31 30.85	57 36 24.9	57.1259
		33 15.34	52 21 26.9	1	6					(141)
29	8.8	35 42.37	57 24 22.6	- 1	8	2.03	4.3	35 58.86	57 23 31.1	57.1285
30	8.4	38 20.14	59 2 32.5	2	2	2.06	4.2	38 36.56	59 1 42.2	58.958
31		40 30.08	58 28 43.7	- 2	2	2.07	4.1	40 46.53	58 27 52.7	58.967
32	8.3	41 58.50	58 16 32.3	1	98	2.07	4.0	42 14.95	58 15 40.6	58.977
33		44 37.53	58 53 27.5	- 2	99	2.09	4.0	44 53.95	58 52 36.6	58.990
34	8.8	49 8.67	58 58 22.5	- 2	10	2.10	3.8	49 25.08	58 57 33.5	58.1011
35	8.7	51 34.92	57 8 15.3	- 2	96	2.05	3.8	51 51.38	57 7 22.1	57.1343
36	8.5	53 10.05	57 22 16.3	2	2	2.06	3.7	53 26.50	57 21 24.5	57.1349
37		54 57.45	58 54 27.7	- 1	2	2.11	3.6	55 13.83	58 53 37.7	58.1028
38	8.4	58 53.09	57 13 31.2	- 2	96	2.06	3.6	59 9.54	57 12 38.4	57.1371
39	8.4	2 57.36	58 7 36.1	- 3	93	2.09	3.4	8 3 13.79	58 6 43.8	58.1045
40	9.0	5 6.67	56 59 18.9	- 1	96	2.06	3.4	5 23.12	56 58 26.0	56.1527
41	8.4	7 27.83	57 44 44.4	- 1	97	2.08	3.3	7 44.27	57 43 52.6	57.1411
42	8.0	9 37.69	59 0 22.4	0	27	2.12	3.2	9 54.08	58 59 32.3	58.1074
43	8.5	11 44.12	57 31 9.7	1	20	2.08	3.2	12 0.52	57 30 21.1	57.1440
44		15 29.07	58 26 34.0	1	4	2.11	3.0	15 45.48	58 25 44.3	58.1093
45		16 51.52	58 27 29.4	- 3	85	2.11	3.0	17 7.93	58 26 37.0	58.1097
		20 28.55	59 14 45.4	- 1	2					ε Argus
46	8.9	24 30.40	57 34 17.5	- 1	7	2.09	2.8	24 39.83	57 33 27.6	57.1525
47	8.8	26 43.41	57 33 39.2	- 2	8	2.09	2.7	26 59.84	57 32 49.3	57.1537
48	8.7	28 55.48	57 33 39.0	- 2	99	2.09	2.7	29 11.91	57 32 47.9	57.1554
49	8.5	30 30.15	58 17 42.9	- 3	0	2.11	2.6	30 46.56	58 16 52.8	58.1149
50		33 1.32	57 43 30.3	- 2	8	2.10	2.5	33 17.74	57 42 40.8	57.1591
51		38 20.90	57 15 11.3	0	93	2.08	2.4	38 37.33	57 14 19.3	57.1644
		42 3.33	54 24 29.5	- 1	2					δ Argus
52			58 10 49.7	0	4		2.1		58 10 0.7	58.1221
53		49 8.45	57 19 23.9	- 1	6	2.08	2.0	49 24.88	57 18 34.2	57.1759
54		52 46.44	58 22 28.5	- 3	2	2.11	1.8	53 2.85	58 21 39.6	58.1285
55		54 49.05	58 16 0.9	1	1	2.11	1.8	55 5.46	58 15 11.8	58.1306
56		57 1.17	58 46 4.1	1	0	2.12	1.7	57 17.56	58 45 15.5	58.1327
57		59 48.06	57 27 1.7	2	7	2.08	1.7	9 0 4.49	57 26 12.6	57.1837
58		7 57.34	57 11 32.2	1	97	2.07	1.5	8 13.77	57 10 41.5	57.1908
59		10 19.76	57 6 17.6	1	2	2.07	1.5	10 36.19	57 5 27.7	56.2049
60		12 35.68	58 3 33.0	- 2	7	2.09	1.3	12 52.10	58 2 45.0	57.1948
61		15 29.49	57 37 4.4	2	95	2.08	1.3	15 45.92	57 36 14.3	57.1977
62	8.2	17 9.61	59 7 26.2	2	3	2.12	1.0	17 25.99	59 6 39.2	58.1485
		19 10.53	54 39 28.2	- 1	99					z Argus
63		21 57.15	58 19 52.3	- 1	2	2.09	1.0	22 13.57	58 19 4.2	58.1513
64		24 18.84				2.07		24 35.27		58.1523
65		26 6.23	58 12 19.0	- 3	6	2.07	0.9	26 22.67	58 11 31.4	58.1540
66		29 40.91	57 9 17.7	- 1	91	2.05	0.9	29 57.36	57 8 26.8	56.2296
67		31 56.17	58 12 55.3	- 3	0	2.05	0.8	32 12.63	58 12 6.9	58.1578
68		33 33.03	57 19 56.8	- 1	9	2.05	0.5	33 49.48	57 19 9.0	57.2161
69		35 42.53	58 47 59.9	- 3	0	2.08	0.6	35 58.95	58 47 12.4	58.1599
70		37 47.14	57 36 20.6	1	3	2.05	0.6	38 3.60	57 35 32.2	57.2228
71	8.0	40 56.09	57 46 43.2	1	7	2.05	0.5	41 12.55	57 45 55.7	57.2274
72		42 50.52	59 4 59.2	- 1	97	2.08	0.3	43 6.94	59 4 11.9	58.1638
73		44 54.51	57 16 23.0	1	2	2.03	0.5	45 10.98	57 15 34.2	57.2330

ZONA 15 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
74	8.4	9 ^h 47 ^m 21 ^s .87	59° 4 37.3	— 1	5	-2.07	+ 0.2	9 ^h 47 ^m 38 ^s .30	59° 3' 51.2	58° 1668
75	8.7	51 29.37	58 12 57.0	— 3	93	2.04	0.2	51 45.84	58 12 8.2	58.1693
		53 34.03	54 10 19.5	0	17					[= Argus]
76	8.8	55 40.41	58 21 41.6	1	7	2.04	0.0	55 56.78	58 20 55.2	58.1750
77	8.5	57 20.51	58 22 41.3	— 3	0	2.03	0.0	57 36.99	58 21 53.8	58.1781
78	8.7	59 43.06	57 21 33.1	1	0	2.00	0.0	59 59.56	57 20 44.5	57.2580

ZONA 16 A

Febrero 15 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.8	7 ^h 2 ^m 5 ^s .73	57° 30' 55.0	0	95	-1.86	+ 6.3	7 ^h 2 ^m 21 ^s .88	57° 29' 56.2	57° 1122
2	9.0	4 28.57	57 7 42.2	— 3	92	1.86	6.3	4 44.72	57 6 44.9	57.1138
3	7.8	6 44.82	58 14 56.2	— 1	0	1.89	6.2	7 0.93	58 13 59.2	58.852
4	8.9	8 43.71	58 37 25.8	2	95	1.91	6.2	8 59.79	58 36 28.5	58.861
5	8.5	10 33.85	57 24 55.2	— 1	98	1.89	6.1	10 49.97	57 23 58.0	57.1163
6	8.3	13 58.38	58 40 3.1	0	0	1.93	6.0	14 14.44	58 39 6.8	58.887
		16 36.87	67 48 42.5	— 2	0					2 Volantis
7	8.9	18 19.37	57 32 17.5	2	93	1.91	5.9	18 35.47	57 31 21.0	57.1195
8		20 10.14	57 14 0.7	— 1	9	1.91	5.9	20 26.24	57 13 4.2	57.1206
9	9.0	24 5.06	58 53 1.5	— 2	96	1.96	5.8	24 21.09	58 52 5.1	58.912
10	8.6	26 35.69	58 22 22.1	2	0	1.95	5.7	26 51.74	58 21 25.7	58.916
11		29 5.96	57 49 27.6	— 1	91	1.95	5.6	29 22.01	57 48 29.4	57.1246
12	8.6	32 59.26	57 22 41.4	— 3	5	1.94	5.5	33 15.33	57 21 44.8	57.1270
13	8.5	34 15.45	57 29 46.6	— 1	14	1.95	5.5	34 31.51	57 28 51.4	57.1278
14		35 36.24	57 2 11.7	2	4	1.94	5.5	35 52.31	57 1 14.4	56.1393
15	8.8	40 50.68	57 32 31.6	— 3	12	1.96	5.3	41 6.73	57 31 35.4	57.1303
16	8.7		57 3 36.9	— 2	2		5.2		57 2 39.8	56.1429
17	8.4	45 52.53	58 19 55.2	— 1	92	2.00	5.2	46 8.53	58 18 58.1	58.998
18	8.4	48 4.71	58 22 39.4	— 3	99	2.00	5.1	48 20.71	58 21 43.6	58.1008
19	8.4	51 59.60	57 21 50.2	1	8	1.98	5.0	52 15.63	57 20 54.5	57.1346
		54 19.44	52 46 6.4	1	0					3 Argus
20	8.6	58 36.40	58 38 35.8	— 2	7	2.03	4.8	58 52.36	58 37 41.7	58.1034
21	8.8	8 0 23.81	57 36 38.9	1	92	2.01	4.8	8 0 59.79	57 35 41.5	57.1382
22	8.8	3 49.91	58 1 17.6	1	86	2.02	4.7	4 5.88	58 0 19.8	57.1398
23	8.3	6 47.85	58 22 50.0	— 3	0	2.04	4.6	7 3.80	58 21 54.8	58.1063
24	8.4	11 44.29	58 22 20.2	2	2	2.04	4.5	12 0.24	58 21 25.3	58.1080
25	8.5	17 49.52	57 24 56.8	— 1	0	2.03	4.3	18 5.49	57 24 0.7	57.1484
		20 29.04	59 14 50.2	— 1	3					4 Argus
26		25 25.66	58 59 41.0	— 1	96	2.08	4.1	25 41.56	58 58 47.5	58.1133
27	8.5	26 44.18	57 52 47.9	— 3	90	2.05	4.1	27 0.12	57 51 51.2	57.1538
28	7.8	29 8.74	58 57 0.3	2	0	2.08	4.0	29 24.64	58 56 6.3	58.1143
29	8.4	31 7.77	57 36 3.1	1	97	2.05	4.0	31 23.71	57 35 7.1	57.1573
30	8.8	39 3.30	58 30 10.7	0	0	2.08	3.7	39 19.20	58 29 16.6	58.1175
31	8.3	42 0.08	57 28 23.2	— 2	93	2.05	3.7	42 16.01	57 27 26.9	57.1678

ZONA 16 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
32	8.8	8 ^m 43 ^m 56 ^m 17	58° 14' 8.2	— 1	0	-2.07	+ 3.6	8 ^m 44 ^m 12 ^m 09	58° 13' 13.9	58° 12 12
33	8.0	45 48.25	57 21 17.4	1	98	2.05	3.6	46 4.20	57 20 21.7	57.1725
34	8.4	48 36.21	57 27 34.0	— 3	99	2.06	3.5	48 52.15	57 26 38.7	57.1753
35	8.5	50 25.85	58 12 20.3	2	0	2.08	3.4	50 41.76	58 11 26.1	58.1258
		52 56.05	60 20 48.9	0	0					c Carinae
36	8.5	54 49.55	58 16 4.2	1	5	2.08	3.3	55 5.46	58 15 10.9	58.1306
37	8.8	57 22.48	57 28 14.7	— 2	98	2.06	3.2	57 38.42	57 27 19.5	57.1820
38	8.8	59 11.87	59 3 27.4	— 2	87	2.11	3.1	59 27.74	59 2 32.7	58.1319
39	8.8	9 1 58.48	57 20 18.4	0	90	2.06	3.1	9 2 14.42	57 19 22.0	57.1858
40		4 33.79	58 19 27.2	— 1	0	2.09	3.0	4 49.69	58 18 33.5	58.1389
41	9.0	7 48.48	57 11 15.5	1	10	2.06	3.0	8 4.42	57 10 22.0	57.1906
42	9.0	9 25.81	58 31 54.9	1	95	2.09	2.8	9 41.70	58 31 0.9	58.1424
43	8.7	12 25.53	58 30 52.4	0	85	2.09	2.7	12 41.42	58 29 57.0	58.1445
44	9.0	13 55.98	58 3 32.2	— 2	7	2.08	2.7	14 11.89	58 2 39.5	57.1966
45	7.8	16 42.59	58 34 47.2	— 1	0	2.09	2.6	16 58.28	58 33 54.2	58.1482
		19 11.08	54 39 32.4	— 1	5					z Argus
46	8.7	23 27.62	57 21 13.3	1	0	2.06	2.5	23 43.56	57 20 19.0	57.2045
47		27 36.79	57 59 53.9	— 1	0	2.07	2.4	27 52.71	57 59 0.5	57.2090
48	7.5	30 27.04	57 35 44.5	0	3	2.06	2.3	30 42.97	57 34 51.1	57.2122
49	8.6	31 56.80	58 13 1.8	— 2	91	2.08	2.2	32 12.71	58 12 7.5	58.1578
50	9.0	37 15.41	58 2 1.0	2	10	2.07	2.1	37 31.33	58 1 9.3	57.2219
51		40 55.06	57 15 24.1	0	12	2.05	2.1	41 11.01	57 14 31.8	57.2273
52		43 1.54	58 24 43.4	— 1	10	2.07	1.9	43 17.45	58 23 52.4	58.1640
		44 41.64	64 41 6.1	1	98					z Argus
53		48 15.38	59 2 5.8	2	2	2.09	1.7	48 31.27	59 1 14.5	58.1673
54		51 48.18	58 52 28.8	— 3	88	2.08	1.6	52 4.08	58 51 35.5	58.1697
		53 34.54	54 10 26.1	0	2					[z Argus]
55		56 8.18	57 29 31.2	— 1	26	2.04	1.7	56 24.14	57 28 41.7	57.2512
56		57 48.24	58 20 24.6	0	95	2.06	1.5	58 4.17	58 19 31.7	58.1793
57		59 48.26	58 25 43.2	0	93	2.06	1.4	10 0 4.17	58 24 50.2	58.1832
58	10	2 35.33	57 15 14.0	0	94	2.02	1.5	2 51.30	57 14 21.3	57.2633
59		4 32.21	57 57 59.0	— 3	1	2.04	1.4	4 48.15	57 57 6.8	57.2693
60		5 52.86	57 37 56.0	— 3	10	2.03	1.4	6 8.81	57 37 4.7	57.2724
61		8 22.46	58 25 3.6	0	6	2.04	1.2	8 38.39	58 24 12.7	58.1979
62		10 24.66	57 18 26.1	— 2	96	2.01	1.3	10 40.64	57 17 32.4	57.2821
63		11 58.42	58 21 6.0	1	20	2.04	1.1	12 14.36	58 20 17.1	58.2031
64		14 8.97	58 6 59.6	1	5	2.03	1.1	14 24.92	58 6 8.3	57.2929
65		16 22.50	58 43 40.4	— 2	99	2.04	1.0	16 38.43	58 42 49.1	58.2095
66		17 46.91	58 3 51.8	— 2	9	2.02	1.0	18 2.87	58 3 1.2	57.3035
67		19 43.54	57 34 35.7	— 1	10	2.00	1.0	19 59.53	57 33 44.6	57.3105
68		21 53.15	58 26 57.3	1	4	2.02	0.9	22 9.10	58 26 6.5	58.2182
		24 27.18	58 18 51.8	— 2	99					s Carinae
69		26 31.83	57 31 48.0	1	6	1.99	0.9	26 47.83	57 30 56.4	57.3344
70		28 31.87	57 48 0.5	— 2	94	1.99	0.8	28 47.86	57 47 8.2	57.3387
71		32 9.10	57 45 42.4	0	0	1.98	0.7	32 25.10	57 44 50.4	57.3499
72		33 54.28	58 18 2.5	— 2	1	1.99	0.6	34 10.27	58 17 11.4	58.2411
73		37 15.57	57 30 1.1	0	10	1.97	0.6	37 31.59	57 29 10.4	57.3663
		42 6.58	58 58 9.0	— 2	96	2.02	0.1	42 22.53	58 57 18.4	58.2680
74		44 22.92	59 12 35.4	— 3	6	1.99	0.2	44 38.90	59 11 47.6	58.2722
75		46 29.08	59 6 23.9	1	2	1.99	0.1	46 45.06	59 5 34.3	58.2769
76		48 11.53	57 58 21.4	— 2	4	1.95	0.3	48 27.56	57 57 30.7	57.3895
77		50 2.92	58 56 20.2	1	94	1.97	0.1	50 18.92	58 55 29.2	58.2846
78		52 16.38	59 4 44.7	— 1	2	1.97	0.0	52 32.38	59 3 55.2	58.2873
79		54 43.10	57 32 46.1	— 3	99	1.93	0.2	54 59.16	57 31 54.3	57.4035
80		56 33.32	58 32 7.2	2	97	1.94	0.0	56 49.35	58 31 16.3	58.2926
81		11 0 5.37	57 30 20.5	0	99	1.91	0.1	11 0 21.45	57 29 28.6	57.4174

ZONA 17 A

Febrero 16 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
1		7 ^h 0 ^m 14 ^s 39	57° 12' 18".4	2	3	-1.82	+ 6.6	7 ^h 0 ^m 30 ^s 42	57° 11' 20".2	57° 1110
		2 26.02	56 38 6.5	- 2	2					(Carinae 27 G)
2		4 44.81	57 39 32.2	- 1	0	1.85	6.5	5 0.81	57 38 34.0	57.1140
3		8 20.20	57 38 31.6	- 2	7	1.86	6.4	8 36.19	57 37 34.5	57.1154
4		10 56.99	57 21 30.5	1	2	1.86	6.4	11 12.98	57 20 32.6	57.1165
5	8.8	13 0.66	59 0 52.3	0	9	1.90	6.3	13 16.59	58 59 58.3	58.883
6	8.8	16 13.81	58 51 15.6	1	96	1.91	6.3	16 29.74	58 50 18.6	58.893
7		17 41.55	57 18 14.9	- 2	96	1.88	6.2	17 57.52	57 17 16.0	57.1191
8	8.9	19 48.13	57 7 50.2	- 3	6	1.88	6.2	20 4.10	57 6 52.6	57.1205
9		22 24.61	58 20 26.3	0	95	1.92	6.1	22 40.53	58 19 28.7	58.909
10		26 21.72	57 54 38.9	- 1	96	1.92	6.0	26 37.65	57 53 41.0	57.1236
11		28 21.96	57 2 41.6	- 3	4	1.90	6.0	28 37.92	57 1 43.8	56.1361
12	9.0	29 46.18	56 56 20.3	1	95	1.90	5.9	30 2.14	56 55 21.3	56.1368
13	9.0	31 47.16	57 35 27.6	0	95	1.92	5.9	32 3.09	57 34 29.4	57.1263
14	8.0	34 42.95	58 11 57.4	1	0	1.94	5.8	34 58.85	58 11 0.7	58.947
15	9.0		57 44 45.0	- 1	0		5.7		57 43 47.8	57.1287
16		40 24.71	58 23 38.4	- 2	11	1.96	5.6	40 40 59	58 22 43.6	58.968
17	8.7	42 56.37	58 5 36.8	0	2	1.96	5.6	43 12.25	58 4 40.5	57.1315
18	8.6	45 20.18	58 52 31.9	- 3	6	1.99	5.5	45 36.02	58 51 37.0	58.993
19	8.5	49 50.93	58 26 51.4	1	96	1.99	5.4	50 6.77	58 25 54.9	58.1012
20	8.3	52 42.57	58 31 10.5	1	98	1.99	5.3	52 58.41	58 30 14.3	58.1019
		54 19.46	52 46 5.2	1	5					γ Argus
21	9.0	58 54.10	58 36 50.3	1	2	2.01	5.1	59 9.92	58 35 55.1	58.1036
22	8.3	8 2 51.55	57 32 58.8	- 3	2	1.99	5.1	8 3 7.40	57 32 2.2	57.1393
23	8.4	7 28.57	57 44 48.1	- 1	6	2.00	5.0	7 44.41	57 43 52.5	57.1411
24	8.5	12 33.65	57 54 56.0	- 1	4	2.02	4.8	12 49.47	57 54 0.4	57.1447
25	9.0	14 48.31	57 22 33.9	- 3	97	2.01	4.7	15 4.14	57 21 36.7	57.1463
26	8.7	17 48.90	57 24 43.0	- 1	5	2.01	4.7	18 4.73	57 23 47.1	57.1483
		20 29.29	59 14 52.0	- 1	94					ε Argus
27	8.5	22 43.42	58 9 21.0	- 1	96	2.04	4.5	22 59.21	58 8 24.8	58.1117
28		24 42.54	58 19 19.3	- 1	95	2.04	4.4	24 58.33	58 18 23.2	58.1130
29	8.5	26 44.02	57 33 44.6	- 2	2	2.03	4.4	26 59.83	57 32 48.7	57.1537
30	9.0		59 0 40.5	0	11		4.3		58 59 47.8	58.1140
31	8.6	30 30.96	58 17 46.7	- 3	4	2.05	4.3	30 46.74	58 16 52.0	58.1149
32	7.6	32 40.24	58 30 44.2	0	95	2.05	4.2	32 56.02	58 29 48.6	58.1153
33		35 13.48	58 11 24.0	1	15	2.05	4.2	35 29.26	58 10 31.1	58.1161
34	8.8	37 2.55	58 34 18.4	- 1	7	2.07	4.1	37 18.31	58 33 24.7	58.1167
35	8.2	38 47.07	57 11 9.7	1	95	2.03	4.1	39 2.88	57 10 12.7	57.1648
36	9.0	41 20.48	58 12 46.3	- 3	2	2.06	4.0	41 36.25	58 11 51.5	58.1188
37	8.4	43 4.66	57 20 55.0	0	1	2.04	4.0	43 20.46	57 19 59.2	57.1690
38		45 11.83	58 10 54.3	0	2	2.06	3.9	45 27.60	58 9 59.8	58.1221
39	8.2	46 48.61	57 22 11.9	2	98	2.04	3.9	47 4.41	57 21 15.9	57.1736
40	8.6	48 34.59	58 28 50.0	- 2	95	2.07	3.8	48 50.35	58 27 54.9	58.1243
41	8.7	50 56.86	57 26 20.6	1	99	2.05	3.8	51 12.65	57 25 24.9	57.1777
		52 50.31	60 19 48.6	- 1	0					c Carinae
42	8.7	55 33.80	58 2 50.3	- 3	8	2.07	3.6	55 49.57	58 1 56.6	57.1807
43	8.4	57 42.70	58 20 46.9	0	4	2.08	3.5	57 58.45	58 19 53.2	58.1336
44	8.8	59 48.81	57 27 8.0	2	95	2.05	3.5	9 0 4.60	57 26 12.0	57.1837
45	8.4	9 2 57.83	58 35 45.3	0	82	2.08	3.4	3 13.58	58 34 48.9	58.1379
46	8.1	4 55.52	58 48 59.9	- 2	13	2.09	3.3	5 11.26	58 48 8.2	58.1390
47		8 27.65	57 49 25.7	- 1	5	2.07	3.3	8 43.42	57 48 31.6	57.1910
48	8.4	9 18.37	58 27 24.0	2	90	2.08	3.2	9 34.12	58 26 28.8	58.1423

ZONA 17 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.	A. R. 1914.0	Decl. 1914.0	C. P. D.
49			57° 14' 2.4	-- 1	2	+ 3".2		57° 13' 7.4	57° 19' 51
50	8.7		57 45 19.9	0	5	3.1		57 44 26.1	57.1978
51	8.3		58 52 4.9	2	95	2.9		58 51 11.1	58.1487
		8 ^h 28 ^m 20 ^s .67	56 40 12.4	0	0				[N Velorum]
52		9 30 42.16	58 1 6.7	1	1	-2".07	2.7	9 ^h 30 ^m 57 ^s .92	58 0 13.0
53	8.0	33 20.19	57 39 19.0	-- 1	97	2.06	2.6	33 35.96	57 38 24.3
54		35 27.30	58 10 18.6	0	1	2.07	2.5	35 43.05	58 9 25.3
55	8.8	38 20.07	58 50 3.9	0	97	2.09	2.4	38 35.80	58 49 10.9
56	8.5	41 9.50	57 33 0.1	-- 2	94	2.05	2.4	41 25.28	57 32 5.0
57	8.0	43 7.39	58 39 52.0	-- 1	2	2.08	2.2	43 23.13	58 38 59.6
58	8.7	48 13.48	58 57 59.7	-- 3	94	2.09	2.1	48 29.20	58 87 6.6
59	8.2	51 47.63	57 20 4.6	0	0	2.04	2.2	52 3.42	57 19 10.5
		53 34.71	54 10 27.4	0	98				[2 Argus]
60	8.9	56 37.98	58 20 12.4	0	0	2.05	1.9	56 53.74	58 19 19.6
61	8.6	10 1 21.75	58 15 40.3	0	4	2.05	1.8	10 1 37.52	58 14 48.2
62	9.0	3 36.66	58 16 7.5	1	95	2.05	1.7	3 52.43	58 15 14.1
63		5 14.88	57 17 56.5	-- 3	98	2.03	1.8	5 30.68	57 17 2.2
64	8.7	7 4.48	58 47 47.5	-- 3	90	2.06	1.6	7 20.24	58 46 54.1
65	8.1	8 59.42	59 11 31.1	1	1	2.07	1.5	9 15.16	59 10 40.0
66	8.3	11 24.93	58 8 27.5	-- 2	93	2.04	1.6	11 40.71	58 7 33.8
67	8.5	13 21.30	58 26 6.5	1	99	2.04	1.5	13 37.08	58 25 14.2
68	8.5	15 49.77	59 10 34.1	0	75	2.06	1.3	16 5.52	59 9 40.5
69	8.0	19 35.00	59 12 12.6	2	0	2.05	1.2	19 50.76	59 11 21.7
70		21 36.42	58 9 13.8	-- 1	3	2.02	1.3	21 52.22	58 8 21.9
		24 27.42	58 18 51.9	-- 2	5				s Carinae
71		26 52.76	58 35 33.3	0	9	2.03	1.1	27 8 55	58 34 43.0
72		28 51.77	58 7 1.3	2	5	2.01	1.1	29 7.58	58 6 10.0
73	8.7	30 49.32	58 10 52.9	0	5	2.01	1.1	31 5.13	58 10 1.7
74		32 51.31	59 7 52.9	-- 3	1	2.03	0.9	33 7.09	59 7 2.3
75		35 12.61	58 45 2.1	0	70	2.01	0.9	35 28.42	58 44 6.5
76	8.2		58 48 43.2	-- 2	12		0.8		58 47 53.8
			63 57 20.8	2	0				6 Argus
77		42 35.26	58 52 43.9	-- 3	11	2.00	0.7	42 51.07	58 51 54.6
78		45 28.17	57 31 43.4	1	6	1.96	0.8	45 44.04	57 30 51.9
79	8.2	47 43.55	58 42 32.1	-- 3	0	1.99	0.6	48 5.38	58 41 41.1
80	8.4	50 10.76	59 8 19.7	-- 2	94	1.99	0.4	50 26.55	59 7 28.5
81	8.2	52 27.56	57 36 28.1	1	93	1.95	0.6	52 43.44	57 35 34.9
82	8.0	55 17.22	58 43 17.6	-- 2	2	1.93	0.5	55 33.11	55 42 26.9
83	8.6	58 7.40	58 55 45.6	0	99	1.93	0.5	58 23.28	58 54 54.9

ZONA 18 A

Febrero 24 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		7 ^h 2 ^m 27 ^s 28	56 38 5.4	= 2	95					[Carinae 27 G]
2		4 46.10	57 39 31.8	- 1	89	-1.61	+ 8.4	7 ^h 5 ^m 0.88	57 38 35.0	57 1140
3		8 21.46	57 38 30.5	- 2	2	1.62	8.4	8 36.23	57 37 35.6	57.1154
4		10 58.32	57 21 20.0	1	97	1.63	8.3	11 13.10	57 20 32.9	57.1165
5		13 2.05	59 0 51.8	0	97	1.66	8.3	13 16.77	58 59 58.0	58.883
6		16 14.78	58 51 11.6	1	4	1.61	8.3	16 29.55	58 50 18.8	58.893
7		17 42.84	57 18 12.8	- 2	97	1.65	8.2	17 57.58	57 17 17.0	57.1191
8			57 7 48.1	- 3	2		8.2		57 6 52.5	57.1205
9		22 25.94	58 20 22.4	0	4	1.69	8.2	22 40.64	58 19 28.9	58.909
10		26 23.03	57 54 34.4	- 1	11	1.70	8.1	26 37.72	57 53 41.5	57.1236
11		28 23.46	57 2 39.4	- 3	0	1.69	8.1	28 38.16	57 1 43.8	56.1361
12		29 47.45	56 56 18.3	1	90	1.70	8.1	30 2.13	56 55 21.4	56.1368
13		31 48.56	57 35 26.1	0	87	1.71	8.0	32 3.24	57 34 29.5	57.1263
14		34 44.16	58 11 54.6	1	0	1.73	8.0	34 58.82	58 11 0.7	58.947
15		36 30.56	57 44 41.2	- 1	7	1.73	7.9	36 45.22	57 43 47.7	57.1287
16	8.8	40 26.02	58 23 37.4	- 2	2	1.76	7.9	40 40.65	58 22 43.9	58.968
17		42 57.83	58 5 34.8	0	1	1.76	7.8	43 12.46	58 4 41.2	57.1315
18		45 21.31	58 52 29.8	2	97	1.78	7.8	45 35.90	58 51 36.5	58.993
19		49 52.38	58 26 49.2	1	96	1.79	7.7	50 6.97	58 25 55.3	58.1012
		52 43.85	58 31 8.6	1	95	1.80	7.6	52 58.42	58 30 14.7	58.1019
20			52 46 3.5	1	0					γ Argus
21		58 55.22	58 36 47.9	1	5	1.83	7.5	59 9.76	58 35 55.7	58.1036
22		8 2 52.73	57 32 56.1	- 3	3	1.82	7.5	8 3 7.29	57 32 2.2	57.1393
23		7 29.79	57 44 46.3	- 1	99	1.84	7.4	7 44.33	57 43 52.8	57.1411
24		12 35.04	57 54 53.6	- 1	1	1.86	7.3	12 49.56	57 54 0.1	57.1447
25		14 49.58	57 22 31.7	- 3	95	1.85	7.2	15 4.11	57 21 36.6	57.1463
		17 51.01	57 24 56.3	- 1	2	1.86	7.2	18 5.53	57 24 2.5	57.1484
26	8.4	20 30.59	59 14 47.7	- 1	2					ε Argus
27	8.8	22 44.83	58 9 18.7	- 1	95	1.89	7.1	22 59.32	58 8 24.8	58.1117
28	8.7	24 43.88	58 19 16.7	- 1	1	1.90	7.0	24 58.36	58 18 24.0	58.1130
29	8.9	26 45.35	57 33 42.6	- 2	99	1.89	7.0	26 59.84	57 32 48.7	57.1537
30	8.6	28 46.51	59 0 39.6	0	1	1.93	6.9	29 0.95	58 59 47.9	58.1140
31		30 32.25	58 17 44.4	- 3	4	1.92	6.9	30 46.71	58 16 52.0	58.1149
32	8.8	32 41.59	58 30 41.1	0	0	1.93	6.8	32 56.03	58 29 48.7	58.1153
33		35 14.66	58 11 23.6	1	5	1.93	6.8	35 29.11	58 10 31.6	58.1161
34		37 3.99	58 34 16.4	- 1	4	1.94	6.7	37 18.42	58 33 24.7	58.1167
35	8.9	38 48.46	57 11 5.4	1	9	1.91	6.8	39 2.93	57 10 12.8	57.1648
36	8.4	41 21.93	58 12 45.1	- 3	97	1.94	6.7	41 36.37	58 11 51.9	58.1188
37	8.4	43 6.03	57 20 54.2	0	96	1.93	6.7	43 20.48	57 20 0.0	57.1690
38	8.2	45 13.12	58 10 52.4	0	2	1.95	6.6	45 27.55	58 10 0.2	58.1221
39	8.6	46 49.94	57 22 9.5	2	3	1.94	6.6	47 4.38	57 21 16.6	57.1736
40	8.6	48 35.98	58 28 47.3	- 2	2	1.96	6.5	48 50.39	58 27 55.3	58.1243
		50 58.16	57 26 18.2	1	97	1.95	6.5	51 12.59	57 25 14.5	57.1777
41	8.4	52 51.59	60 19 45.9	- 1	5					c Carinae
42	8.4	55 35.30	58 2 49.9	- 3	98	1.97	6.4	55 49.71	58 1 57.0	57.1807
43	8.9	57 44.06	58 20 46.1	0	95	1.98	6.3	57 58.46	58 19 53.3	58.1336
44	9.0	59 50.20	57 27 5.3	2	2	1.97	6.3	9 0 4.60	57 26 12.5	57.1837
45	8.0	9 1 59.89	57 20 15.4	0	5	1.97	6.3	2 14.29	57 19 23.9	57.1858
46	9.0		58 19 24.8	- 1	5		6.1		58 18 32.3	58.1389
47		9 27.28	58 31 53.4	1	94	2.01	6.0	9 41.63	58 31 1.0	58.1424
48		12 27.19	58 30 48.9	0	2	2.01	5.9	12 41.54	58 29 57.7	58.1445
			58 34 43.9	- 1	10		5.8		58 33 53.9	58.1482

ZONA 18 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
49	8.7	9 ^h 19' 12.54	54° 39' 31.1	— 1	5	— 2.01	+ 5.8	9 ^h 23' 43.53	57° 20' 19.8	z Argus
50	8.8	23 29.17	57 21 11.3	— 1	8	2.05	5.6	26 7.10	59 6 43.8	57° 20' 45
51		25 52.79	59 7 34.6	— 3	92	2.03	5.6	27 52.74	57 59 0.7	58.1538
52		27 38.40	57 59 52.6	— 1	0	2.02	5.6	30 42.92	57 34 51.2	57.2090
53		30 28.57	57 35 43.5	0	0	2.03	5.5	32 12.63	58 12 6.8	57.2122
		31 58.29	58 12 57.7	— 3	5					58.1578
		44 43.05	64 41 2.7	1	8					z Argus
		53 36.11	54 10 24.2	0	4					[z Argus]

ZONA 19 A

Febrero 25 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

VIRGINIO MANGANIELLO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		7 ^h 0 ^m 15.90	57° 12' 18.0	2	97	— 1.55	+ 8.7	7 ^h 0 ^m 30.76	57° 11' 20.8	57° 1110
2		2 27.23	56 38 6.7	— 2	90					[Carinae 27 G]
3		4 46.06	57 39 27.4	— 1	16	1.57	8.7	5 0.89	57 38 33.4	57.1140
4		8 21.43	57 38 31.4	— 2	1	1.59	8.6	8 36.24	57 37 35.2	57.1154
5		10 58.21	57 21 28.7	1	3	1.60	8.6	11 13.01	57 20 32.7	57.1165
6			59 0 51.5	0	1		8.6		58 59 57.1	58.883
7		16 14.90	58 51 11.8	1	12	1.64	8.5	16 29.65	58 50 18.8	58.893
8		17 42.94	57 18 12.7	— 2	2	1.62	8.5	17 57.72	57 17 16.3	57.1191
9		19 49.34	57 7 50.5	— 3	97	1.63	8.5	20 4.12	57 6 53.2	57.1205
10		22 25.85	58 20 23.1	0	2	1.66	8.4	22 40.58	58 19 28.1	58.909
11		26 23.04	57 54 36.6	— 1	98	1.67	8.4	26 37.77	57 53 40.6	57.1236
12	8.8	28 23.36	57 2 40.3	— 3	0	1.66	8.3	28 38.11	57 1 43.5	56.1361
13		31 48.36	57 35 22.4	0	17	1.68	8.3	32 3.08	57 34 28.9	57.1263
14	9.0	34 44.23	58 11 54.6	1	5	1.70	8.2	34 58.93	58 11 0.2	58.947
15		36 30.46	57 44 42.4	— 1	0	1.70	8.2	36 45.16	57 43 48.6	57.1287
16		42 57.75	58 5 38.0	0	88	1.73	8.1	43 12.43	58 4 41.0	57.1345
17		45 21.28	58 52 30.1	2	5	1.76	8.1	45 35.90	58 51 35.2	58.993
18		49 52.42	58 26 48.8	1	10	1.77	8.0	50 7.03	58 25 55.6	58.1012
		52 43.82	58 31 8.1	1	6	1.78	7.9	52 58.42	58 30 14.4	58.1019
		54 20.78	52 46 0.7	1	32					z Argus
19	8.9	58 55.21	58 36 50.4	1	97	1.80	7.8	59 9.79	58 35 55.7	58.1036
20		2 52.90	57 32 59.4	— 3	87	1.80	7.8	8 3 7.49	57 32 1.8	57.1393
21		7 29.89	57 44 45.7	— 1	5	1.83	7.7	7 44.45	57 43 51.2	57.1411
22		12 34.95	57 54 54.8	— 1	2	1.83	7.6	12 49.51	57 54 0.2	57.1447
23		14 49.69	57 22 30.8	— 3	6	1.83	7.5	15 4.25	57 21 36.0	57.1463
24		17 50.99	57 24 56.0	— 1	2	1.84	7.3	18 5.53	57 24 1.0	57.1484
25		20 30.52	59 14 50.6	— 1	95					z Argus
26	8.9	22 44.69	58 9 19.6	— 1	99	1.87	7.4	22 59.21	58 8 25.0	58.1117
27	8.7	24 43.80	58 19 16.8	— 1	10	1.88	7.3	24 58.30	58 18 24.0	58.1130
28		26 45.31	57 33 43.7	— 2	1	1.87	7.3	26 59.83	57 32 48.7	57.1537
29	8.6	28 46.34	59 0 40.3	0	3	1.90	7.2	29 0.82	58 59 47.5	58.1140
30	7.8	30 32.23	58 17 46.1	— 3	0	1.90	7.2	30 46.71	58 16 51.9	58.1149
			58 30 41.3	0	3		7.2		58 29 48.0	58.1153

ZONA 19 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Micróm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
31	8.9	8 ^h 35 ^m 14 ^s .70	58° 11 26.1	1	95	-1.90	+ 7.1	8 ^h 35 ^m 29 ^s .18	58° 10' 31".4	58.1161
32	8.8		58 34 18.5	- 1	97		7.1		58 33 24.4	58.1167
33		38 48.51	57 11 6.8	1	5	1.90	7.1	39 3.00	57 10 12.3	57.1648
34	9.0	41 21.93	58 12 46.1	- 3	98	1.90	7.0	41 36.41	58 11 51.7	58.1188
35			57 20 55.4	0	91		7.0		57 19 59.2	57.1690
36		45 13.22	58 10 52.8	0	8	1.90	6.9	45 27.70	58 10 0.1	58.1221
37		46 49.87	57 22 10.2	2	8	1.92	6.9	47 4.34	57 21 16.6	57.1736
38			57 26 21.2	1	88		6.8		57 25 24.8	57.1777
39			57 27 7.1	2	94		6.6		57 26 11.9	57.1837
40		9 4 56.78	58 49 1.5	- 1	99	1.93	6.4	9 5 11.23	58 48 8.5	58.1390
41	8.8	8 29.04	57 49 24.5	- 1	1	1.94	6.4	8 43.49	57 48 30.7	57.1910
42		12 54.97	57 14 2.9	- 1	94	1.95	6.3	13 9.41	57 13 7.4	57.1951
43		15 32.19	57 45 19.9	0	1	1.99	6.3	15 46.58	57 44 26.2	57.1978
44	8.4	17 20.42	58 52 3.2	2	4	2.02	6.2	17 34.77	58 51 11.5	58.1487
		19 12.60	54 39 30.4	- 1	10					z Argus
45	8.8	22 15.15	58 50 20.3	0	98	2.03	6.0	22 29.49	58 49 27.6	58.1514
46	8.5	25 15.08	58 12 26.4	2	95	2.02	6.0	25 29.43	58 11 32.7	58.1532
		28 22.03	56 40 11.4	0	99					x Velorum
47		30 43.44	58 1 5.1	1	1	2.02	5.9	30 57.80	58 0 12.2	57.2126
48		33 21.65	57 39 20.8	- 1	82	2.02	5.9	33 36.01	57 38 24.6	57.2159
49	9.0	35 28.73	58 10 17.0	0	5	2.03	5.8	35 43.08	58 9 24.9	57.2197
50		38 21.61	58 50 2.2	0	0	2.05	5.7	38 35.93	58 49 10.3	58.1613
51		41 10.96	57 32 58.0	- 3	3	2.02	5.7	41 25.32	57 32 4.8	57.2277
52		43 8.84	58 39 50.9	- 1	2	2.05	5.6	43 23.16	58 38 59.2	58.1644
53		45 0.25	57 47 52.4	- 3	95	2.04	5.6	45 14.59	57 46 58.5	57.2334
54		48 14.85	58 57 58.0	- 3	99	2.07	5.4	48 29.15	58 57 6.1	58.1672
55		51 49.11	57 20 4.8	0	0	2.03	5.5	52 3.46	57 19 11.3	57.2420
		53 36.21	54 10 25.7	0	6					[z Argus]
56	8.9	56 39.53	58 20 11.5	0	0	2.06	5.3	56 53.84	58 19 19.4	58.1763
57	8.7	10 0 2.02	57 41 53.9	1	67	2.05	5.2	10 0 16.35	57 40 56.3	57.2584
58	8.7	1 23.28	58 15 46.2	0	62	2.06	5.2	1 37.59	58 14 48.6	58.1865
59		3 37.97	58 16 6.9	1	92	2.06	5.1	3 52.28	58 15 13.7	58.1909
60	8.5	5 16.53	57 18 54.9	- 2	2	2.04	5.2	5 30.87	57 18 1.9	57.2708
61	8.6	7 6.19	58 47 45.1	- 3	97	2.08	5.0	7 20.48	58 46 53.2	58.1960
62	8.3	9 0.81	59 11 30.0	1	4	2.09	4.9	9 15.08	59 10 40.0	58.1988
63	8.3	11 26.38	58 8 24.0	- 2	8	2.07	4.9	11 40.69	58 7 33.0	57.2850
64	8.6	13 22.81	58 26 5.2	1	6	2.07	4.9	13 37.11	58 25 14.5	58.2049
65	8.7	15 51.14	59 10 29.9	0	3	2.09	4.7	16 5.40	59 9 59.7	58.2088
66	8.9	17 40.10	58 58 10.0	- 2	98	2.09	4.7	17 54.37	58 57 18.7	58.2119
67	8.2	19 36.34	59 12 12.9	2	95	2.10	4.6	19 50.59	59 11 21.9	58.2145
68		21 37.94	58 9 12.3	- 1	8	2.07	4.7	21 52.24	58 8 21.6	57.3164
		24 28.98	58 18 50.2	- 2	6					s Carinae
69	8.6	26 54.22	58 35 34.2	0	0	2.08	4.5	27 8.50	58 34 43.2	58.2263
70		28 53.41	58 7 2.3	2	96	2.07	4.5	29 7.71	58 6 10.2	57.3397
71	8.7	30 50.95	58 10 53.0	0	1	2.07	4.5	31 5.25	58 10 1.7	57.3451
72		32 52.97	59 7 52.9	- 3	1	2.10	4.3	33 7.23	59 7 2.7	58.2371
73		35 14.17	58 44 57.3	- 1	99	2.09	4.3	35 28.44	58 44 6.5	58.2460
74		37 36.37	58 48 43.9	- 2	0	2.09	4.3	37 50.64	58 47 53.3	58.2538
		39 39.13	63 57 20.4	2	3					9 Argus
75		42 36.70				2.09		42 50.97		58.2692
76			57 31 43.7	1	98		4.2		57 30 51.6	57.3838
77			58 42 32.9	- 3	95		4.0		58 41 41.6	58.2795
78		50 12.25	59 8 17.5	- 2	7	2.08	3.8	50 26.53	59 7 28.7	58.2848
79	8.0	52 29.18	57 36 27.0	1	96	2.06	4.0	52 43.49	57 35 34.8	57.4002
80	8.0	55 18.61	58 43 16.9	- 2	4	2.08	3.8	55 32.89	58 42 27.2	58.2907
81	8.4	58 9.13	58 55 45.3	0	96	2.09	3.7	58 23.40	58 54 54.9	58.2945
82			58 18 59.9	- 2	86		3.7		58 18 7.2	58.2995

ZONA 20 A

Marzo 3 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		8 ^h 17 ^m 53 ^s .05	57° 21' 22".0	— 1	99	-1.70	+ 9.2	8 ^h 18 ^m 5 ^s .62	57° 24' 2".0	57° 1484
2	8.6	22 46.70	58 5 45.6	0	2	1.73	9.1	22 59.23	58 8 26.1	58.1117
3	8.9	24 45.98	58 15 42.3	0	89	1.74	9.1	24 58.50	58 18 25.0	58.1130
4	8.8	26 47.15	57 30 7.6	0	95	1.74	9.0	26 59.68	57 32 48.5	57.1537
5	8.9	28 48.23	58 57 5.4	2	95	1.77	9.0	29 0.70	58 59 48.1	58.1140
6	8.5	30 34.23	58 14 11.9	— 1	2	1.76	9.0	30 46.72	58 16 52.6	58.1149
7		32 43.56	58 27 8.2	2	1	1.77	8.9	32 56.03	58 29 49.0	58.1153
8	8.9	35 16.72	58 7 53.2	— 3	9	1.78	8.9	35 29.19	58 10 32.8	58.1161
9		38 50.51	57 7 33.3	— 3	98	1.78	8.9	39 3.01	57 10 13.4	57.1648
10	8.9		58 9 10.3	— 1	96		8.8		58 11 52.0	58.1188
11	8.3	43 7.89	57 17 20.2	2	13	1.80	8.8	43 20.36	57 19 58.5	57.1690
12		45 15.10	58 7 19.5	2	1	1.82	8.8	45 27.53	58 10 0.7	58.1221
13		46 51.92	57 18 36.3	— 2	95	1.81	8.8	47 4 38	57 21 17.2	57.1736
14	8.7	48 37.83	58 25 14.6	0	4	1.83	8.7	48 50.24	58 27 55.6	58.1243
15	8.6	51 0.11	57 22 44.0	— 3	94	1.82	8.7	51 12.55	57 25 25.2	57.1777
		52 53.63	60 16 13.5	1	1					c Carinae
16	8.6	55 37.13	57 59 14.7	— 1	94	1.85	8.6	55 49.53	58 1 56.7	57.1807
17		57 45.88	58 17 12.6	2	6	1.86	8.5	57 58.27	58 19 53.4	58.1336
18		59 52.29	57 23 32.8	— 2	5	1.86	8.5	9 0 4.69	57 26 12.6	57.1837
19		9 4 37.26	58 15 52.2	0	2	1.89	8.4	4 49.62	58 18 33.6	58.1389
20		12 29.10	58 27 16.3	2	7	1.91	8.3	12 41.43	58 29 54.8	58.1445
21		13 59.62	58 0 0.0	0	2	1.91	8.3	14 11.96	58 2 39.8	57.1966
22		16 45.93	58 31 12.1	1	0	1.93	8.2	16 58.24	58 33 54.3	58.1482
		19 14.61	54 35 57.6	0	1					z Argus
23	8.7	23 31.15	57 17 37.5	2	99	1.93	8.1	23 43.49	57 20 18.6	57.2045
24	8.7	25 54.94	59 4 0.0	— 1	3	1.97	8.0	26 7.20	59 6 42.6	58.1538
25		27 40.22	57 56 19.1	1	1	1.95	8.0	27 52.52	57 59 0.8	57.2090
26		30 30.56	57 32 10.5	2	0	1.95	8.0	30 42.86	57 34 51.9	57.2122
27	8.6	32 0.46	58 9 24.0	— 1	93	1.96	7.9	32 12.75	58 12 7.1	58.1578
28	9.0	34 36.54	58 14 58.1	— 1	95	1.97	7.9	34 48.81	58 17 41.2	58.1591
29	9.0	37 47.56	57 58 46.2	— 2	97	1.98	7.8	37 59.82	58 1 28.6	57.2227
30		40 58.56	57 11 50.3	1	97	1.97	7.8	41 10.85	57 14 31.9	57.2273
		44 45.16	64 37 30.9	2	5					z Argus
31		48 18.91	58 58 32.1	— 2	0	2.02	7.5	48 31.11	59 1 15.5	58.1673
32		51 51.84	58 48 52.8	— 2	3	2.03	7.5	52 4.03	58 51 35.7	58.1697
		53 38.14	54 6 50.6	1	95					[z Argus]
33	8.6	56 11.89	57 26 0.8	1	98	2.01	7.5	56 24.13	57 28 42.9	57.2512
34		57 52.05	58 16 48.4	1	2	2.03	7.4	58 4.26	58 19 31.0	58.1793
35	8.6	59 52.10	58 22 6.3	2	93	2.04	7.3	10 0 4.29	58 24 50.4	58.1832
36		10 2 38.96	57 11 37.6	1	1	2.02	7.4	2 51.20	57 14 19.1	57.2633
37		4 35.90	57 54 24.1	— 1	3	2.04	7.3	4 48.10	57 57 6.2	57.2693
38		5 56.51	57 34 22.0	— 1	93	2.03	7.3	6 8.73	57 37 5.1	57.2724
39		8 26.13	58 21 30.0	1	8	2.05	7.1	8 38.32	58 24 14.4	58.1979
40		10 28.39	57 14 50.6	— 1	2	2.03	7.2	10 40.62	57 17 32.1	57.2821
41	9.0	12 2.49	58 17 35.6	— 3	9	2.06	7.0	12 14.67	58 20 17.3	58.2031
42		14 12.90	58 3 27.5	— 2	10	2.06	7.0	14 25.08	58 6 8.9	57.2929
43		16 26.31	58 40 5.8	0	0	2.07	6.9	16 38.47	58 42 49.5	58.2095
44	8.8	19 47.39	57 31 2.1	1	0	2.06	7.0	19 59.58	57 33 44.5	57.3105
45		21 56.95	58 22 23.3	— 3	0	2.08	6.8	22 9.10	58 25 6.7	58.2182
		24 31.02	58 15 15.8	0	97					s Carinae
46		26 35.87	57 28 14.1	— 2	0	2.06	6.8	26 48.06	57 30 56.5	57.3344
47	8.8	28 35.69	57 44 25.2	— 1	99	2.07	6.7	28 47.86	57 47 8.2	57.3387

ZONA 20 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
48	8.3	10 ^b 30 ^m 3 ^s 36	58° 55' 46.4	0	8	-2.10	+ 6.6	10 ^b 30 ^m 15 ^s 47	58° 58' 29.5	58° 2295
49		32 12.77	57 42 6.4	2	98	2.08	6.7	32 24.92	57 44 49.7	57.3499
50		33 58.11	58 14 27.2	- 1	1	2.09	6.6	34 10.25	58 17 10.6	58.2411
51		37 19.41	57 26 27.3	1	2	2.08	6.6	37 31.57	57 29 9.7	57.3663
52		39 41.32	63 53 46.6	- 2	5					γ Argus
53		42 10.45	58 54 33.5	- 1	3	2.12	6.3	42 22.54	58 57 17.2	58.2680
54		46 33.07	59 2 47.6	- 3	95	2.12	6.2	46 45.16	59 5 33.1	58.2769
55		48 15.37	57 54 47.3	- 1	97	2.10	6.3	48 27.50	57 57 31.2	57.2895
56		50 6.82	58 52 44.3	- 3	98	2.12	6.1	50 18.91	58 55 29.3	58.2846
57		52 20.27	59 1 10.0	1	98	2.13	6.0	52 32.35	59 3 55.4	58.2873
58	54 47.08	57 29 11.5	- 1	6	2.09	6.2	54 59.23	57 31 53.7	57.4035	
			57 26 46.1	1	98			57 29 27.3	57.4174	

ZONA 21 A

Marzo 8 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

VIRGINIO MANGANIELLO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
1		7 ^b 54 ^m 24 ^s 53								γ Argus
2		8 7 33.58	57° 41' 15.1	1	15	-1.52	+ 10.6	8 ^b 7 ^m 44 ^s 42	57° 43' 52.7	57° 1411
3		12 38.63	57 51 18.7	1	91	1.55	10.5	12 49.43	57 53 59.9	57.1447
4		14 53.43	57 18 57.1	- 2	2	1.55	10.5	15 4.25	57 21 36.0	57.1463
5		17 53.97	57 21 6.6	1	92	1.57	10.5	18 4.79	57 23 47.1	57.1483
6		20 34.25	59 11 14.3	1	95					ε Argus
7		22 48.54	58 5 45.0	0	13	1.50	10.4	22 59.29	58 8 23.4	58.1117
8		24 47.66	58 15 41.9	0	93	1.61	10.4	24 58.40	58 18 23.4	58.1130
9		28 50.19	58 57 9.3	2	25	1.63	10.4	28 0.90	58 59 47.1	58.1140
10		30 36.15	58 14 7.5	- 1	77	1.63	10.4	30 46.86	58 16 51.3	58.1149
11		32 45.34	58 27 8.7	2	7	1.65	10.3	32 56.03	58 29 48.6	58.1153
12		35 18.67	58 7 51.3	- 3	98	1.66	10.3	35 29.35	58 10 31.9	58.1161
13		37 7.98						37 18.64		58.1167
14		38 52.35	57 7 31.6	2	90	1.66	10.3	39 3.05	57 10 12.5	57.1648
15		41 25.69	58 9 11.5	- 1	8	1.68	10.3	41 36.35	58 11 50.8	58.1188
16		43 9.94	57 17 18.8	2	90	1.68	10.2	43 20.62	57 19 59.9	57.1690
17		45 17.07	58 7 17.9	2	90	1.70	10.2	45 27.71	58 10 0.0	58.1221
18		46 53.77	57 18 35.2	- 2	92	1.70	10.2	47 4.43	57 21 15.9	57.1736
19		48 39.75	58 25 12.0	0	84	1.72	10.2	48 50.37	58 27 55.2	58.1243
20		51 2.13	57 22 44.3	- 3	98	1.67	10.2	51 12.82	57 25 25.4	57.1777
21		52 55.50	60 16 13.0	1	0					e Carinae
22		55 39.20	57 59 16.4	- 1	5	1.75	10.1	55 49.79	58 1 56.9	57.1807
23		57 47.92	58 17 13.6	2	10	1.76	10.1	57 58.50	58 19 53.1	58.1336
24		59 54.21	57 23 31.4	- 2	3	1.76	10.1	9 0 4.81	57 26 10.8	57.1837
25		17 24.20	58 48 29.0	- 2	97	1.85	9.8	17 34.68	58 51 11.1	58.1487
26	19 16.49	54 35 57.6	0	0					γ Argus	
27	30 47.44	57 57 33.5	2	8	1.88	9.6	30 57.89	58 0 13.4	57.2126	
28	33 25.56	57 36 42.5	1	87	1.89	9.6	33 36.01	57 39 25.0	57.2159	
29	38 25.60	58 46 28.1	1	94	1.93	9.4	38 35.99	58 49 11.1	58.1613	

ZONA 21 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lng. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
26		9 ^h 41 ^m 14 ^s .90	57°29'24".7	— 1	0	—1.91	+ 9.4	9 ^h 41 ^m 25 ^s .34	57°32'5".2	57°2277
27		43 12.70	58 36 17.3	1	98	1.94	9.3	43 23.06	58 38 59.5	58.1644
28		45 4.32	57 44 20.1	— 1	10	1.95	9.4	45 14.71	57 46 59.5	57.2334
29		51 53.06	57 16 32.3	1	5	1.95	9.3	52 3.46	57 19 12.1	57.2420
		53 51.13	54 6 54.3	1	0					[ϵ Argus]
30	10	0 5.94	57 38 19.7	— 2	20	1.98	9.1	10 0 16.30	57 40 57.7	57.2584
31		1 42.21	58 12 31.0	2	98	1.99	9.0	1 52.55	58 15 13.2	58.1871
32		5 20.41	57 15 20.2	0	92	1.99	9.0	5 30 77	57 18 2.0	57.2708
33		7 10.20	58 44 12.3	— 1	2	2.02	8.9	7 20.50	58 46 52.8	58.1960
34		9 4.94	59 7 58.8	— 3	10	2.03	8.8	9 15.23	59 10 40.4	58.1988
35		13 26.98	58 22 31.3	2	95	2.03	8.8	13 37.28	58 25 14.3	58.2049
36		15 55.37	59 6 56.2	1	97	2.05	8.7	16 5.64	59 9 39.9	58.2088
37		17 43.62	58 53 59.2	— 2	0	2.05	8.6	17 53.89	58 56 42.1	58.2119
38		19 40.53	58 8 38.8	— 2	98	2.00	8.6	19 50.79	59 11 22.3	58.2145
39		21 41.88	58 5 41.3	0	8	2.05	8.6	21 52.16	58 8 22.2	57.3164
40		26 58.28	58 31 59.8	1	90	2.07	8.5	27 8.53	58 34 44.0	58.2263
41		28 57.45	58 3 28.6	— 2	2	2.07	8.5	29 7.71	58 6 10.3	57.3397
42		30 55.09	58 7 21.8	2	15	2.07	8.4	31 5.34	58 10 1.9	57.3451
43		32 56.97	59 4 19.6	— 1	4	2.10	8.3	33 7.18	59 7 2.4	58.2371
44		35 18.23	58 41 24.7	1	10	2.09	8.3	35 28.45	58 44 6.3	58.2460
45		37 40.53	58 45 10.3	0	97	2.10	8.2	37 50.74	58 47 53.9	58.2538
		39 43.26	63 53 47.1	— 2	0					θ Argus
46		42 40.89	58 49 10.9	— 1	96	2.11	8.1	42 51.09	58 51 54.8	58.2692
47		45 33.73	57 28 12.5	— 2	12	2.09	8.2	45 43.98	57 30 52.3	57.3838
48		50 16.41	59 4 45.3	— 1	6	2.14	7.9	50 26.58	59 7 28.3	58.2448
49		52 33.27	57 32 52.9	— 3	0	2.11	8.0	52 43.49	57 35 34.8	57.4002
50		55 22.91	58 39 45.1	— 1	10	2.14	7.8	55 33.08	58 42 27.1	58.2907
51		58 13.24	58 52 11.8	— 3	5	2.15	7.7	58 23.40	58 54 54.7	58.2945
52	11	0 5.99	58 15 23.3	0	2	2.14	7.7	11 0 16.17	58 18 6.0	58.2995
53		4 44.66	58 27 49.3	— 3	15	2.15	7.6	4 54.83	58 30 30.4	58.3189
54		6 25.30	59 0 2.0	0	99	2.17	7.5	6 35.44	59 2 46.3	58.3234
55		9 37.23	59 6 15.5	1	97	2.17	7.4	9 47.37	59 9 0.3	58.3315
56		11 16.41	58 54 4.5	— 1	93	2.17	7.4	11 26.55	58 56 49.6	58.3372
57		13 30.19	58 35 23.2	0	93	2.17	7.4	13 40.33	58 38 7.0	58.3424
			53 58 29.1	— 2	75					π Centauri
58		19 29.42	58 33 46.6	— 2	5	2.17	7.2	19 39.56	58 36 29.8	58.3557
59		21 57.12	58 50 3.9	0	5	2.18	7.1	21 7.25	58 52 47.5	58.3605
60			58 16 25.0	1	25		7.1		58 19 5.0	58.3661
61		27 39.78	58 59 43.1	— 1	7	2.19	7.0	27 49.90	49 2 26.7	58.3693
		31 38.52	62 29 47.6	— 1	97					γ Centauri
62		34 51.12	58 22 23.9	2	4	2.19	6.8	35 1.25	58 25 7.5	58.3772
		42 10.79								Centau. 65 G
		12 10 24.18	58 13 28.8	— 2	3					[δ Crucis]

ZONA 22 A

Marzo 9 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		7 ^h 45 ^m 57. ^s 63	58 16 13.7	1	77	-1.38	+10.9	7 ^h 46 ^m 8. ^s 39	58° 18' 58.6	58° 998
2		48 10.12	58 19 1.1	- 1	95	1.39	10.9	48 20.86	58 21 43.4	58.1008
3		52 4.83	57 18 15.8	- 2	95	1.41	10.9	52 15.57	57 20 57.0	57.1346
4		54 24.71	52 42 27.6	2	91					z Argus
5		58 41.92	58 34 59.8	- 1	6	1.45	10.9	58 52.59	58 37 41.0	58.1034
6		8 0 28.93	57 33 1.6	- 2	7	1.45	10.8	8 0 30.62	57 35 41.4	57.1382
7		3 35.24	57 52 39.7	- 3	5	1.47	10.8	4 5.91	57 55 20.2	57.1398
8		11 49.64	58 18 44.2	- 2	0	1.52	10.8	12 0.25	58 21 25.9	58.1080
9		15 10.55	57 10 20.9	0	98	1.52	10.7	15 21.18	57 13 0.5	57.1464
10		17 54.82	57 21 21.2	1	5	1.54	10.7	18 5.43	57 24 1.1	57.1483
11		20 34.51	59 11 13.7	1	1					z Argus
12		25 31.19	58 56 3.2	1	95	1.59	10.7	25 41.72	58 58 46.5	58.1133
13		26 49.57	57 49 10.4	- 1	99	1.59	10.7	27 0.12	57 51 51.8	57.1538
14		29 14.01	58 53 24.0	- 2	0	1.61	10.6	29 24.52	58 56 6.6	58.1143
15	8.7	31 13.44	57 32 25.8	2	95	1.61	10.6	31 23.96	57 35 7.5	57.1573
16	8.8	37 10.08	58 31 46.6	1	11	1.64	10.6	37 20.55	58 34 27.2	58.1168
17	8.0	39 8.91	58 26 31.9	1	86	1.65	10.6	39 19.38	58 29 16.1	58.1175
18		42 5.63	57 24 46.3	- 1	95	1.66	10.5	42 16.11	57 27 27.9	57.1678
19		45 53.88	57 17 40.9	- 3	98	1.67	10.5	46 4.35	57 20 22.1	57.1735
20		48 41.88	57 23 56.3	- 2	93	1.69	10.5	48 52.33	57 26 37.4	57.1753
21		52 55.61	60 16 11.1	1	95					e Carinae
22		55 0.23				1.72		55 10.64		58.1306
23		57 28.12	57 24 37.5	- 1	94	1.72	10.4	57 38.54	57 27 19.4	57.1820
24		59 17.39	58 59 50.2	- 1	0	1.75	10.3	59 27.75	59 2 33.2	58.1349
25		9 2 4.21	57 16 41.2	1	0	1.74	10.4	9 2 14.61	57 19 22.1	57.1858
26		4 39.28	58 15 50.6	0	98	1.77	10.3	4 49.64	58 18 33.1	58.1389
27	9.0	7 54.00	57 7 41.9	- 3	4	1.77	10.3	8 4.37	57 10 22.1	57.1906
28	8.9	9 31.49	58 28 17.2	- 2	94	1.79	10.2	9 41.82	58 31 0.6	58.1424
29	8.8	12 31.03	58 27 14.7	2	3	1.80	10.1	12 41.35	58 29 56.7	58.1445
30		16 48.03	58 31 11.7	1	4	1.82	10.1	16 58.32	58 33 53.7	58.1482
31		19 16.68	54 35 56.9	0	99					x Argus
32		23 33.36	57 17 37.1	- 3	99	1.83	10.0	23 43.67	57 20 18.5	57.2045
33		25 56.97	59 3 59.2	- 2	3	1.87	9.9	26 7.20	59 6 42.2	58.1538
34		27 42.41	57 56 16.3	1	84	1.86	9.9	27 52.67	57 59 0.7	57.2090
35		30 32.63	57 32 9.0	2	99	1.86	9.9	30 42.89	57 34 50.8	57.2122
36		32 2.57	58 9 21.5	- 1	77	1.88	9.9	32 12.81	58 12 7.3	58.1578
37	8.8	34 38.62	58 14 59.7	- 1	4	1.89	9.8	34 48.85	58 17 41.6	58.1591
38	8.9	37 49.67	57 58 46.9	- 2	5	1.90	9.8	37 59.89	58 1 28.4	57.2227
39		41 0.66	57 11 49.7	1	98	1.89	9.8	41 10.90	57 14 31.3	57.2273
40		43 7.18	58 21 8.3	1	95	1.96	9.7	43 17.33	58 23 51.7	58.1640
41		48 20.98	58 58 31.2	- 2	98	1.95	9.6	48 31.13	59 1 15.1	58.1673
42		51 54.07	58 48 53.5	- 2	6	1.96	9.5	52 4.21	58 51 36.1	58.1697
43		53 40.17	54 6 51.7	1	3					[z Argus]
44		57 53.99	58 16 51.2	1	2	1.97	9.4	58 4.14	58 19 33.7	58.1793
45	8.4	59 54.14	58 22 7.2	2	97	1.98	9.4	10 0 4.27	58 24 50.6	58.1832
46	8.5	10 2 41.19	57 11 37.7	1	98	1.97	9.4	2 51.35	57 14 19.5	57.2633
47	8.2	4 37.91	57 54 24.8	- 1	5	1.99	9.4	4 48.04	57 57 6.5	57.2693
48		5 58.63	57 34 23.7	- 1	1	1.98	9.3	6 8.77	57 37 5.7	57.2724
49		8 28.29	58 21 28.7	1	98	2.01	9.2	8 38.40	58 24 12.1	58.1979
50		10 30.53	57 14 50.3	- 1	98	1.99	9.3	10 40.67	57 17 32.4	57.2821
51		12 4.53	58 18 34.6	- 2	5	2.02	9.2	12 14.62	58 20 17.0	58.2031
52		14 14.94				2.02		14 25.04		57.2929

ZONA 22 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
48		10 ^h 16 28.54	58° 40' 5.9	0	4	-2.04	+ 9.0	10 ^h 16 ^m 38.60	58° 42' 49.0	58.2095
49		17 52.86	58 0 17.2	0	94	2.03	9.1	18 2.95	58 3 0.9	57.3035
50		19 49.52	57 31 4.9	1	25	2.03	9.1	19 59.61	57 33 43.6	57.3105
51		21 58.98	58 23 24.6	- 2	5	2.05	8.9	22 9.03	58 26 7.3	58.2182
		24 33.07	58 15 17.5	0	3					8 Carinae
52		26 12.32	57 28 49.6	- 2	0	2.04	8.9	26 22.40	57 31 32.0	57.3334
53	8.7	28 37.80	57 44 24.8	- 1	96	2.05	8.9	28 47.86	57 47 8.1	57.3387
54		32 15.09	57 42 6.5	2	97	2.06	8.8	32 25.14	57 44 49.8	57.3499
55		34 0.13	58 14 28.8	- 1	5	2.08	8.7	34 10.16	58 17 11.6	58.2411
56		37 21.63	57 26 28.0	1	1	2.07	8.7	37 31.68	57 29 10.4	57.3663
		39 43.47	63 53 45.6	- 2	98					9 Argus
57			58 54 34.6	- 1	6		8.5		58 57 18.2	58.2680
58		44 28.98	59 9 3.6	- 1	8	2.12	8.4	44 38.95	59 11 47.4	58.2722
59		46 35.14	59 2 51.0	- 3	18	2.13	8.3	46 45.10	59 5 33.2	58.2769
60		48 17.49	57 54 48.0	- 1	3	2.10	8.4	48 27.50	57 57 30.9	57.2895
61		50 9.11	58 52 46.2	- 3	5	2.13	8.3	50 19.07	58 55 30.1	58.2846
62		52 22.53	59 1 10.1	1	99	2.14	8.2	52 32.48	59 3 55.1	58.2873
63		54 49.30	57 29 12.2	- 1	9	2.11	8.3	54 59.31	57 31 53.9	57.4035
64		56 39.31	58 28 32.4	- 2	98	2.14	8.2	56 49.27	58 31 17.0	58.2926
65		11 0 11.46	57 26 46.8	1	93	2.12	8.2	11 0 21.46	57 29 29.8	57.4174

ZONA 23 A

Marzo 10 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
1		7 ^h 44 ^m 26.07	57° 0' 0.4	0	3	-1.33	+ 11.1	7 ^h 44' 36.54	57° 2' 39.8	56.1426
2		45 57.83	58 16 19.3	1	23	1.35	11.1	46 8.25	58 18 57.2	58.998
3		48 10.24	58 19 0.5	- 1	90	1.36	11.1	48 20.65	58 21 43.3	58.1008
4		52 5.15	57 18 14.7	- 2	0	1.38	11.1	52 15.56	57 20 54.9	57.1346
		54 24.93	52 42 27.6	2	94					7 Argus
5		58 42.19	58 34 58.4	- 1	96	1.42	11.1	58 52.53	58 37 40.7	58.1034
6	8	0 29.49	57 33 3.9	- 2	22	1.42	11.1	8 0 39.84	57 35 41.2	57.1382
7		3 55.63	57 57 40.7	- 3	11	1.44	11.0	4 5.95	58 0 30.1	57.1398
8		6 53.46	58 19 14.4	- 1	5	1.46	11.0	7 3.76	58 21 55.1	58.1063
9		11 50.01	58 18 43.9	- 2	2	1.48	11.0	12 0.29	58 21 25.1	58.1080
10		15 59.97	58 51 4.4	1	97	1.51	11.0	16 10.21	58 53 47.0	58.1096
11		17 55.21	57 21 19.6	1	95	1.51	11.0	18 5.47	57 24 0.7	57.1484
		20 34.80	59 11 15.3	1	7					8 Argus
12		23 24.26	57 48 21.0	- 2	0	1.54	10.9	23 34.49	57 51 2.0	57.1513
13		25 51.99	57 24 48.6	- 1	97	1.55	10.9	26 2.21	57 27 29.5	57.1532
14		29 1.68	57 30 6.4	0	2	1.57	10.9	29 11.88	57 32 46.7	57.1554
15		31 4.34	57 1 20.7	1	5	1.57	10.9	31 14.55	57 4 0.0	56.1710
16		33 7.53	57 39 59.1	- 1	2	1.59	10.9	33 17.70	57 42 39.6	57.1591
17		38 26.92	57 11 36.3	1	95	1.61	10.8	38 37.08	57 14 17.3	57.1644
18		40 10.92	58 10 51.4	0	96	1.63	10.8	40 21.04	58 13 33.5	58.1184
		42 9.47	54 20 56.6	0	92					9 Argus

ZONA 23 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
19		8 ^h 43 ^m 48 ^s 39	57 53 13.0	— 2	10	—1°64	+10.8	8 ^h 43 ^m 58 ^s 50	57°55'52.8	57°1698
20		46 10.19	57 51 45.9	1	2	1.65	10.8	46 20.30	57 54 26.7	57.1728
21		49 14.82	57 15 54.4	0	2	1.66	10.7	49 24.93	57 18 35.7	57.1759
		52 55.88	60 16 10.7	1	88					e Carinae
22		57 45.06	57 52 48.5	— 3	5	1.71	10.6	57 55.10	57 55 29.1	57.1822
23		59 52.42	57 23 32.2	— 2	6	1.71	10.6	9 0 4.47	57 26 12.1	57.1837
24		9 2 0.91	58 46 5.5	1	97	1.74	10.6	2 10.91	58 48 48.3	58.1370
25		3 57.21	58 40 40.9	0	7	1.75	10.6	4 7.20	58 43 22.2	58.1385
26		5 37.26	57 44 16.1	— 1	95	1.74	10.6	5 47.28	57 46 58.0	57.1885
27		7 48.66	57 50 43.2	0	95	1.75	10.5	7 58.67	57 53 25.2	57.1905
28		10 30.49	59 0 48.1	0	2	1.78	10.5	10 40.44	59 3 30.6	58.1432
29		12 31.48	57 16 42.5	1	5	1.77	10.5	12 41.48	57 19 22.4	57.1947
30		14 44.37	58 39 11.0	— 1	95	1.79	10.4	14 54.32	58 41 54.1	58.1466
31		16 48.21	58 31 16.1	1	30	1.80	10.4	16 58.16	58 33 54.0	58.1482
		19 16.90	54 35 55.2	0	88					z Argus
32		21 35.23	57 59 13.3	— 1	86	1.81	10.3	21 45.17	58 1 57.0	57.2023
33		23 33.59	57 17 38.1	— 3	2	1.81	10.4	23 43.55	57 20 18.6	57.2045
34			58 30 51.4	0	11		10.3		58 33 32.1	58.1530
35		26 56.27	57 52 37.0	2	0	1.84	10.3	27 6.18	57 55 18.5	57.2081
36		28 47.67	58 0 2.6	0	10	1.84	10.3	28 57.58	58 2 42.9	57.2102
37		30 53.05	57 16 28.5	1	89	1.84	10.2	31 2.97	57 19 11.0	57.2128
38		33 7.15	59 2 46.8	— 3	98	1.88	10.1	33 16.99	59 5 30.3	58.1583
39		34 42.99	57 20 1.1	0	6	1.86	10.2	34 52.88	57 22 41.2	57.2175
40		37 8.26	58 50 55.7	0	97	1.89	10.1	37 18.10	58 53 39.0	58.1606
41		38 49.14	57 33 46.8	— 2	2	1.88	10.1	38 59.01	57 36 27.9	57.2237
42	8.9	40 49.20	58 12 44.3	— 3	10	1.90	10.1	40 59.04	58 15 25.1	58.1625
		44 47.64	64 37 31.6	2	4					z Argus
43		46 55.49	57 27 33.3	2	93	1.91	10.0	47 5.33	57 30 15.6	57.2362
44		48 46.61	58 50 7.7	0	96	1.94	9.9	48 56.40	58 52 51.3	58.1678
45		52 47.42	58 39 8.9	— 1	91	1.95	9.8	52 57.20	58 41 53.1	58.1709
46	8.6	55 24.48	57 16 13.6	1	43	1.93	9.9	55 34.31	57 18 48.5	57.2486
47		59 9.47	57 14 31.0	— 1	82	1.95	9.8	59 19.28	57 17 14.9	57.2558
48		10 2 57.76	57 26 10.8	1	1	1.96	9.7	10 3 7.52	57 28 52.2	57.2643
49		5 11.08	57 43 54.1	— 2	3	1.98	9.7	5 20.85	57 46 35.7	57.2703
50		7 50.38	58 41 1.7	1	74	2.00	9.5	8 0.11	58 43 48.7	58.1967
51		10 13.66	58 44 49.3	— 1	96	2.01	9.5	10 23.38	58 47 33.2	58.2010
52		12 5.46	57 22 50.5	— 3	7	1.99	9.5	12 15.22	57 25 31.4	57.2873
53		14 24.81	58 17 10.6	2	4	2.02	9.5	14 34.53	58 19 52.8	58.2063
54		18 54.26	57 47 12.2	2	7	2.02	9.4	19 3.99	57 49 53.4	57.3069
55		20 40.98	59 1 53.3	1	92	2.05	9.3	20 50.64	59 4 38.3	58.2163
		24 33.49	58 15 17.7	0	3					s Carinae
56		27 45.09	57 33 45.4	— 2	6	2.04	9.2	27 54.79	57 36 26.8	57.3366
57		29 24.55	58 10 45.6	0	28	2.06	9.1	29 34.22	58 13 24.5	58.2285
58		31 37.19	57 11 14.7	1	97	2.05	9.2	31 46.89	57 13 56.9	57.3472
59		34 0.47	58 14 27.8	— 1	0	2.07	9.0	34 10.13	58 17 11.0	58.2411
60		35 32.82	58 19 26.4	— 1	4	2.08	9.0	35 42.47	58 22 9.2	58.2474
		39 43.62	63 53 47.2	— 2	4					9 Argus
61		42 12.92	58 54 34.7	— 1	6	2.11	8.8	42 22.53	58 57 18.1	58.2680
62		44 20.30	58 11 56.9	1	97	2.10	8.8	44 29.93	58 14 40.6	58.2717
63		45 50.23	58 49 19.0	— 1	86	2.12	8.7	45 59.83	58 52 5.2	58.2755
64		48 45.49	57 45 0.2	0	3	2.10	8.8	48 55.13	57 47 42.7	57.3909
65		52 22.82	59 1 10.8	1	98	2.14	8.6	52 32.39	59 3 55.6	58.2873
66		55 31.59	57 10 28.4	0	3	2.10	8.7	55 41.24	57 13 10.3	57.4048
67		58 1.24	57 41 3.8	1	98	2.12	8.6	58 10.83	57 43 47.0	57.4109
68		11 0 11.75	57 26 46.5	1	98	2.12	8.5	11 0 21.37	57 29 29.4	57.4174
69		2 24.76	58 20 1.9	0	3	2.15	8.4	2 34.34	58 22 45.4	58.3103
		4 45.13	58 27 48.6	— 3	3					(209)

ZONA 23 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
70		11 ^b 7' 1 ^s .85	57° 56' 32".2	1	85	-2 ^s .15	+ 8".3	11 ^h 7 ^m 11 ^s .43	57 59' 17".8	57° 4387
71		9 37.63	59 6 18.7	1	0	2.18	8.1	9 47.16	59 9 3.7	58.3315
72		11 52.27	58 22 30.5	2	33	2.17	8.2	12 1.83	58 25 9.8	58.3388
73		14 44.64	57 40 14.6	0	0	2.15	8.2	14 54.23	57 42 58.5	57.4555
		16 55.08	53 58 27.4	- 2	68					π Centauri
74		19 15.31	58 16 15.4	- 1	23	2.18	8.0	19 24.86	58 18 56.3	58.3550
75		23 45.16	58 9 40.4	- 1	97	2.18	7.9	23 54.70	58 12 25.1	57.4716
76		25 13.05	57 18 46.6	- 2	99	2.16	8.0	25 22.63	57 21 29.9	57.4745
77		27 40.43	58 59 47.5	- 1	33	2.21	7.7	27 49.93	59 2 28.2	58.3693
		31 39.18	62 29 48.2	- 1	4					λ Centauri
78		34 54.84	57 13 6.0	- 2	10	2.18	7.7	35 4.40	57 15 47.9	57.4894
79		37 58.87	57 3 34.3	- 2	0	2.18	7.7	38 8.43	57 6 17.4	56.4706
80		43 48.26	57 41 50.0	1	5	2.20	7.4	43 57.79	57 44 33.4	57.5008
81		46 19.03	57 18 27.0	- 2	5	2.19	7.4	46 28.58	57 21 10.0	57.5042
82		48 38.72	57 43 44.3	- 2	95	2.20	7.4	48 48.24	57 46 29.4	57.5076
83		52 26.89	57 47 36.4	- 3	97	2.21	7.2	52 36.40	57 50 21.4	57.5123
84		54 31.93	57 55 17.4	0	97	2.21	7.1	54 41.43	57 58 2.6	57.5155
85		56 17.27	57 32 45.7	- 3	95	2.21	7.1	56 26.78	57 35 30.8	57.5179
86		12 0 9.77	58 43 40.9	- 2	97	2.24	6.8	12 0 19.23	58 46 27.3	58.4058
		3 43.99	50 12 1.6	2	3					ο Centauri

ZONA 24 A

Marzo 15 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		8 ^h 20 ^m 36 ^s .12	59° 11' 16".8	1	98					ε Argus
1		24 6.77	57 34 33.0	- 1	92	-1 ^s .40	+12".1	8 ^h 24 15 ^s .60	57° 37' 12".1	57° 1520
2	8.5	26 23.50	57 28 42.1	- 2	2	1.41	12.1	26 32.32	57 31 19.6	57.1534
3	8.8	27 38.38	56 58 2.0	- 2	3	1.42	12.1	27 47.20	57 0 38.9	56.1674
4	8.9	30 14.51	57 3 11.7	- 2	8	1.43	12.1	30 23.30	57 5 47.8	56.1702
5		32 47.22	58 27 10.3	2	5	1.45	12.1	32 55.97	58 29 48.6	58.1153
6	8.9	35 20.49	58 7 58.1	- 3	33	1.46	12.1	35 29.24	58 10 31.9	58.1161
7	8.2	37 53.00	58 2 49.4	- 3	96	1.48	12.1	38 1.73	58 5 28.4	57.1638
		42 10.89	54 21 1.6	1	3					δ Argus
8	8.2	44 49.81	57 42 57.7	- 3	1	1.51	12.1	44 58.51	57 45 35.7	57.1709
9	8.7	46 27.24	57 7 25.8	2	1	1.52	12.1	46 35.94	57 10 3.2	57.1732
10	9.0	49 54.08	57 49 52.6	- 1	91	1.54	12.1	50 2.75	57 53 32.3	57.1769
11		54 43.52	58 51 8.2	1	88	1.58	12.0	54 52.13	58 53 49.5	58.1301
12	9.0	56 21.79	57 50 53.0	0	7	1.58	12.0	56 30.42	57 53 31.4	57.1814
13	8.6	58 6.32	57 33 23.1	- 2	0	1.59	12.0	58 14.95	57 36 1.0	57.1825
14	8.0	9 0 57.11	57 22 51.6	- 3	2	1.60	12.0	9 1 5.73	57 25 29.1	57.1848
15	8.9	3 5.33	58 14 47.6	- 1	38	1.62	12.0	3 13.92	58 17 20.9	58.1378
16	8.7	5 16.57	57 20 31.5	0	1	1.62	12.0	5 25.17	57 23 9.2	57.1882
17		7 0.86	57 41 57.6	1	84	1.63	12.0	7 9.44	57 44 38.1	57.1902
18		8 40.62	58 49 3.3	- 1	97	1.65	11.9	8 49.16	58 51 43.3	58.1420
19	8.3	12 10.59	57 15 37.4	0	0	1.66	11.9	12 19.15	57 18 15.2	57.1943

ZONA 24 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
20		9 ^h 13 ^m 51 ^s 22	58° 49' 47.4	— 1	98	—1.68	+11.9	9 ^h 13 ^m 59 ^s 73	58° 52' 27.3	58° 1456
21			58 52 10.8	2	0		11.9		58 54 51.1	58.1474
22	8.4	17 26.19	58 48 30.8	— 2	93	1.70	11.8	17 34.68	58 51 11.5	58.1487
		19 18.42	54 35 59.7	0	97					z Argus
23	8.7	22 21.02	58 46 47.4	1	2	1.72	11.8	22 29.49	58 49 26.9	58.1514
24		24 54.39	57 40 31.3	0	4	1.73	11.8	25 2.88	57 43 9.1	57.2058
25		26 23.13	59 4 45.3	— 1	11	1.75	11.7	26 31.56	59 7 23.8	58.1543
26	8.6	29 21.30	57 15 31.6	0	3	1.74	11.8	29 29.78	57 18 9.1	57.2106
27		31 34.32	58 9 54.0	— 1	95	1.76	11.7	31 42.76	58 12 33.5	58.2139
28		33 27.56	57 35 45.0	0	91	1.77	11.7	33 36.00	57 38 24.7	57.2159
29	8.0	35 20.87	58 58 4.5	— 2	93	1.79	11.6	35 29.25	59 0 45.5	58.1593
30		36 55.56	57 29 6.5	— 1	90	1.78	11.7	37 3.99	57 31 46.2	57.2214
31		39 48.45	59 6 16.0	1	90	1.82	11.6	39 56.80	59 8 57.8	58.1619
32	8.0	42 28.40	59 2 3.5	2	99	1.83	11.6	42 36.74	59 4 43.9	58.1635
		44 49.02	64 37 34.4	2	3					z Argus
33	8.0	47 18.62	57 46 7.0	1	89	1.84	11.5	47 26.98	57 48 47.4	57.2367
34	8.4	49 17.24	58 23 36.5	— 2	98	1.85	11.5	49 25.58	58 26 16.3	58.1679
35		51 2.54	57 11 44.4	1	90	1.84	11.5	51 10.91	57 14 24.0	57.2410
		53 42.13	54 6 53.5	1	93					[z Argus]
36		56 13.88	57 40 18.5	0	97	1.88	11.4	56 22.21	57 42 57.7	57.2510
37	8.8	58 18.43	58 31 31.7	1	92	1.90	11.3	58 26.71	58 34 12.7	58.1799
38	8.7	10 0 23.48	58 24 31.3	— 1	96	1.90	11.3	10 0 31.77	58 27 11.4	58.1848
39	8.1	2 59.26	57 26 13.4	1	0	1.90	11.3	3 7.57	57 28 52.0	57.2643
40		5 12.73	57 43 56.3	— 2	98	1.92	11.3	5 21.01	57 46 35.6	57.2703
41		7 51.98	58 41 8.5	1	0	1.94	11.2	8 0.22	58 43 48.8	58.1967
42	8.6	10 15.17	58 44 51.7	— 1	96	1.95	11.1	10 23.40	58 47 32.5	58.2010
43	8.4	12 7.01	57 22 51.1	— 3	98	1.94	11.2	12 15.28	57 25 30.0	57.2873
44	8.5	14 26.43	58 17 12.7	2	97	1.96	11.1	14 34.67	58 19 53.0	58.2063
45		18 55.94	57 47 13.3	2	93	1.97	11.1	19 4.17	57 49 53.7	57.3069
46	8.3	20 42.49	59 1 57.4	1	97	2.00	11.0	20 50.65	59 4 38.8	58.2163
47		27 46.53	57 33 46.6	— 2	97	2.01	10.9	27 54.72	57 36 26.2	57.3366
48		29 26.18	58 10 45.0	0	2	2.02	10.8	29 34.35	58 13 24.6	58.2285
49		31 38.82	57 11 15.8	1	98	2.03	10.8	31 46.99	57 13 55.0	57.3772
50		34 1.95	58 14 30.9	— 1	99	2.04	10.7	34 10.19	58 17 11.2	58.2411
51		35 34.44	58 19 29.1	— 1	4	2.05	10.7	35 42.58	58 22 8.7	58.2474
		39 45.33	63 53 49.8	— 2	2					9 Argus
52		42 14.41	58 54 36.1	— 1	94	2.09	10.5	42 22.49	58 57 16.3	58.2680
53		44 21.98	58 12 0.0	2	98	2.08	10.6	44 30.09	58 14 40.6	58.2717
54		45 51.76	58 49 25.1	— 1	96	2.10	10.5	45 59.83	58 52 6.7	58.2755
55		48 47.04	57 45 3.6	0	4	2.09	10.5	48 55.14	57 47 42.8	57.3909
56		52 24.55	59 1 17.2	1	28	2.13	10.3	52 32.58	59 3 54.6	58.2873
57		55 33.26	57 10 31.5	0	3	2.10	10.4	55 41.36	57 13 10.3	57.4048
58		58 2.79	57 41 8.5	1	10	2.12	10.3	58 10.87	57 43 47.0	57.4109
59	11	0 13.25	57 26 49.2	1	97	2.12	10.3	11 0 21.32	57 29 29.4	57.4174
60		2 26.20	58 20 4.0	0	0	2.14	10.2	2 34.24	58 22 44.8	58.3103
		4 46.68	58 27 52.0	— 3	5					(209)
61		9 39.19	59 6 21.0	1	0	2.18	9.9	9 47.16	59 9 3.0	58.3315
62		11 53.99	58 22 28.4	2	3	2.17	9.9	12 1.99	58 25 9.1	58.3388
63		14 46.14	57 40 16.8	0	93	2.17	9.9	14 54.16	57 42 58.1	57.4555
64		19 16.87	58 16 15.1	1	5	2.19	9.7	19 24.86	58 18 55.6	58.3550
65		20 59.45	59 7 0.6	— 3	93	2.22	9.6	21 7.38	59 10 43.8	58.3587
66		23 46.75	58 9 46.6	— 1	22	2.20	9.7	23 54.73	58 12 24.6	58.4716
67			57 18 49.3	— 2	0		9.7		57 21 29.4	57.4745
68		27 42.04	58 59 44.8	— 1	1	2.23	9.5	27 49.96	59 2 26.9	58.3693
		31 40.69	62 29 51.9	— 1	9					z Centauri
69		34 56.46	57 13 7.6	— 2	0	2.21	9.5	35 4.44	57 15 47.8	57.4894
70		38 0.32	57 2 37.4	— 3	2	2.21	9.4	38 8.30	57 5 17.1	56.4706

ZONA 24 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
71		11 ^h 43 ^m 49 ^s .87	57°41'51".9	1	0	-2 ^s .24	+ 9".2	11 ^h 43 ^m 57 ^s .80	57°44'33".0	57°5008
72		46 20.66	57 18 29.0	— 2	2	2.23	9.0	46 28.61	57 21 9.3	57.5042
73		48 40.37	57 43 47.7	— 2	99	2.25	9.0	48 48.25	57 46 29.0	57.5076
74	8.4	52 28.60	57 47 40.4	— 3	3	2.26	8.9	52 36.51	57 50 21.3	57.5123
75	8.3	54 33.53	57 55 20.2	0	95	2.27	8.9	54 41.43	57 58 2.6	57.5155
76			57 32 49.0	— 3	99		8.9		57 35 30.3	57.5179
77		12 0 11.35	58 43 44.4	— 2	3	2.30	8.6	12 0 19.20	58 46 26.8	58.4058
		3 45.62								5 Centauri

ZONA 25 A

Marzo 16 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
1		7 ^h 58 ^m 15 ^s .61	58°55'44".6	0	86	-1 ^s .21	+12".3	7 ^h 58 ^m 10 ^s .29	58 58'25".1	58°1031
2	8.9	8 0 31.06	57 33 4.9	— 2	94	1.23	12.3	8 0 39.75	58 35 42.7	57.1382
3	8.6	2 32.01	57 43 26.4	— 2	98	1.24	12.3	2 40.68	57 46 3.8	57.1391
4	8.7	6 42.65	58 56 12.5	1	93	1.26	12.4	6 51.28	58 58 51.6	58.1062
5		12 10.18	58 14 37.7	— 1	99	1.30	12.4	12 18.78	58 17 15.5	58.1082
6	8.8	15 30.91	57 35 18.4	0	1	1.32	12.3	15 39.51	57 37 55.2	57.1469
7	9.0	18 21.68	57 58 51.6	— 2	99	1.33	12.4	18 30.26	58 1 29.1	57.1486
		20 36.45	59 11 18.4	1	4					ε Argus
8	8.6	23 26.00	58 19 39.3	— 1	97	1.36	12.4	23 34.53	58 22 17.5	58.1119
9	9.0	24 45.78	58 54 22.0	— 1	96	1.37	12.4	24 54.29	58 57 1.0	58.1128
10	9.0	26 59.34	58 18 50.1	— 2	96	1.38	12.4	27 7.85	58 21 28.5	58.1134
11	8.9	29 22.08	58 39 19.7	— 1	4	1.40	12.4	29 30.56	58 41 57.3	58.1144
12		33 14.22	56 56 56.7	— 4	97	1.42	12.3	33 22.72	57 0 33.4	56.1731
13		37 31.05	58 44 16.7	— 1	92	1.45	12.3	37 39.48	58 46 56.2	58.1170
14		39 32.39	58 38 24.6	— 2	6	1.46	12.3	39 40.82	58 41 2.0	58.1177
15	8.8	41 44.86	58 22 42.7	— 3	2	1.47	12.3	41 53.28	58 25 20.3	58.1191
16	8.9	43 37.62	57 23 2.7	— 2	97	1.48	12.3	43 46.06	57 25 39.8	57.1697
17	8.6	45 9.17	57 18 3.8	— 2	38	1.49	12.3	45 17.60	57 20 34.9	57.1714
18	8.7	46 49.22	57 13 25.4	— 2	98	1.50	12.3	46 57.64	57 16 2.2	57.1734
19	8.3	48 28.67	57 59 50.6	— 1	0	1.51	12.3	49 37.06	58 2 28.0	57.1763
		52 57.68	60 16 17.3	1	4					ε Carinae
20	8.8	55 46.16	58 5 44.6	0	98	1.55	12.3	55 54.51	58 8 22.5	57.1808
21	8.8	58 6.62	57 33 22.3	— 2	90	1.56	12.3	58 14.97	57 36 0.7	57.1824
22	8.3	9 35.70	58 0 36.1	0	28	1.58	12.3	9 44.02	58 3 9.5	57.1841
23	8.7	2 41.91	58 22 45.1	— 3	93	1.56	12.2	2 50.21	58 25 24.1	58.1376
24	8.5	5 1.54	58 1 59.1	1	5	1.60	12.2	5 9.84	58 4 35.9	57.1878
25		6 53.63	58 52 34.5	2	96	1.62	12.2	7 1.88	58 55 14.2	58.1404
26		9 1.22	57 13 20.0	— 2	7	1.62	12.2	9 9.51	57 15 55.6	57.1913
27	8.5	13 6.54	58 28 28.4	— 2	95	1.65	12.2	13 14.77	58 31 7.2	58.1450
28	8.2	14 54.63	58 19 27.3	— 1	99	1.66	12.2	15 2.25	58 22 5.4	58.1469
29		16 29.66	58 58 24.0	— 2	96	1.67	12.1	16 37.86	59 1 3.3	58.1480
		19 18.71	54 36 1.4	1	0					ε Argus
30		22 5.46	58 16 26.5	1	7	1.69	12.1	22 13.65	58 19 3.4	58.1513

ZONA 25 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
31	8.9	9 ^h 24 ^m 26 ^s .94	58° 35' 15".3	0	21	-1.71	+12.1	9 ^h 24 ^m 35 ^s .11	58° 37' 50".6	58.1523
32	8.8	26 14.55	58 8 54.0	- 2	2	1.72	12.1	26 22.72	58 11 31.5	58.1540
33	8.6	28 1.00	57 42 24.3	- 3	98	1.72	12.1	28 9.18	57 45 1.9	57.2094
34		29 46.06	57 31 16.5	1	5	1.73	12.0	29 54.24	57 33 52.9	57.2110
35	8.7	31 4.52	58 9 28.2	- 1	93	1.75	12.0	32 12.66	58 12 6.2	58.1578
36	8.9	34 24.64	57 33 46.2	- 2	12	1.75	12.0	34 32.79	57 36 21.7	57.2170
37	7.8	36 20.37	57 50 50.1	0	97	1.76	12.0	36 28.50	57 53 28.2	57.2208
38	8.0	38 16.89	58 36 17.8	1	2	1.78	11.9	38 24.99	58 38 56.1	58.1611
39	9.0	40 2.20	58 8 50.4	- 2	0	1.79	11.9	40 10.30	58 11 28.4	58.1623
40		42 4.74	57 32 13.1	2	25	1.79	11.9	42 12.85	57 34 46.8	57.2293
		44 49.36	64 37 35.4	2	1					Argus
41	8.0	47 3.61	58 21 49.1	1	5	1.82	11.8	47 11.67	58 24 26.7	58.1667
42		49 24.12	57 48 10.1	- 2	2	1.83	11.8	49 32.18	57 50 47.5	57.2396
43	8.8	53 38.93	58 28 22.1	- 2	90	1.89	11.7	53 46.91	58 31 2.1	58.1713
44		55 4.29	58 37 51.5	- 3	91	1.87	11.7	55 12.29	58 40 31.4	58.1738
45	8.0	57 23.72	57 35 57.8	0	3	1.86	11.7	57 31.75	57 38 34.9	57.2534
46	8.6	59 54.16	58 49 16.3	- 1	97	1.89	11.6	10 0 2.13	58 51 55.7	58.1831

ZONA 26 A

Marzo 22 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		8 ^h 20 ^m 38 ^s .15								Argus
1	9.0	24 17.91	57 58 24.3	- 2	98	-1.17	+13.6	8 ^h 24 ^m 24 ^s .71	58° 1' 25".0	57.1521
2	8.2	26 34.31	58 2 17.9	2	87	1.19	13.7	26 41.09	58 4 57.2	57.1535
3		29 17.92	58 53 28.5	- 2	98	1.20	13.7	29 24.67	58 56 7.2	58.1143
4		33 11.04	57 40 2.5	0	94	1.26	13.7	33 17.75	57 42 40.3	57.1591
5	8.5	37 11.75	58 30 47.1	0	4	1.26	13.7	37 18.44	58 33 24.4	58.1167
6	8.4	38 56.22	57 7 36.3	2	95	1.27	13.7	39 2.94	57 10 13.5	57.1648
		42 13.02	54 21 2.4	1	5					Argus
7	8.3	44 51.94	57 43 0.5	- 2	8	1.31	13.7	44 58.60	57 45 36.3	57.1709
8	8.3	46 57.81	57 18 39.3	- 2	94	1.32	13.7	47 4.47	57 21 16.7	57.1736
9	8.7	49 44.92	57 10 30.1	0	4	1.34	13.7	49 51.56	57 13 5.9	57.1767
10		52 37.17	57 52 0.1	2	93	1.36	13.8	52 43.78	57 54 38.3	57.1790
11	8.0	56 4.38	58 48 57.2	- 2	4	1.38	13.8	56 10.95	58 51 34.9	58.1319
12	9.0	58 51.94	57 15 15.4	0	6	1.40	13.8	58 58.52	57 17 51.0	57.1828
13	8.7	9 2 7.45	57 29 35.9	- 1	91	1.42	13.8	9 2 14.00	57 32 13.9	57.1857
14		4 3.93	58 48 57.4	- 2	93	1.43	13.8	4 10.44	58 51 36.7	58.1386
15	8.5	6 18.63	57 55 43.6	0	96	1.45	13.8	6 25.14	57 58 21.4	57.1892
16	8.2	8 27.48	57 16 9.4	1	96	1.46	13.8	8 33.99	57 18 46.0	57.1909
17		10 13.26	57 19 6.1	- 1	91	1.47	13.8	10 19.76	57 21 43.9	57.1926
18		12 49.75	57 59 8.1	- 1	97	1.49	13.8	12 56.22	58 1 45.7	57.1949
19		15 16.58	57 21 23.0	1	99	1.51	13.8	15 23.04	57 23 59.7	57.1973

ZONA 26 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-1°52	+13°8			
20	8.4	9 ^b 17 ^m 38.98	58° 31' 31.6	1	4	-1°52	+13°8	9 ^b 17 ^m 45.40	58° 34' 9.0	58° 1488
		19 20.51	54 36 0.4	1	90					z Argus
21	8.4	25 25.21	58 5 25.9	0	9	1.57	13.7	25 31.60	58 8 2.0	57.2065
22	8.9	27 19.24	58 26 53.2	1	2	1.58	13.7	27 25.51	58 29 30.8	58.1546
23		30 33.31	57 27 25.1	2	2	1.60	13.7	30 39.68	57 30 1.6	57.2120
24	8.8	32 21.50	58 37 7.0	2	97	1.62	13.7	32 27.82	58 39 45.6	58.1579
25		34 41.61	58 36 14.1	1	99	1.63	13.7	34 47.92	58 38 52.4	58.1590
26	8.7	37 46.78	58 0 23.0	0	0	1.65	13.7	37 53.09	58 3 0.4	57.2226
27	8.1		57 40 3.2	0	4		13.7		57 42 39.6	57.2254
28		41 35.29	58 44 24.3	-1	99	1.67	13.6	41 41.56	58 47 2.6	58.1629
		44 51.07	64 37 35.7	2	97					z Argus
29		47 23.18	57 35 58.4	0	97	1.70	13.6	47 29.43	57 38 35.9	57.2368
30	8.3	50 23.02	58 12 13.6	2	96	1.72	13.6	50 29.25	58 14 51.9	58.1684
		53 44.18	54 6 56.8	1	4					[z Argus]
31		56 16.00	57 40 21.8	0	3	1.75	13.5	56 22.20	57 42 58.5	57.2510
32		59 46.66	57 13 25.8	-2	1	1.77	13.5	59 52.85	57 16 2.2	57.2574
33	10	1 25.28				1.79		10 1 31.42		58.1864
34		4 41.95	57 54 29.4	-1	0	1.80	13.4	4 48.10	57 57 6.8	57.2693
35		8 40.41	57 35 29.4	0	4	1.82	13.4	8 46.54	57 38 6.0	57.2781
36		10 34.45	57 13 55.5	-2	0	1.83	13.4	10 40.58	57 17 32.3	57.2821
37		13 31.22	58 22 35.3	2	97	1.86	13.3	13 37.30	58 25 14.0	58.2049
38		16 32.45	58 40 10.5	0	96	1.88	13.3	16 38.50	58 42 49.6	58.2095
39	8.0	18 51.76	58 18 7.8	-2	97	1.89	13.3	18 57.82	58 20 46.3	58.2136
40		21 46.17	58 5 46.5	0	33	1.90	13.2	21 52.21	58 8 19.6	57.3164
		24 37.12	58 15 21.5	0	0					s Carinae
41	8.0	27 44.93	58 13 17.9	-2	95	1.94	13.1	27 50.93	58 15 56.8	58.2268
42		30 4.15	57 42 9.5	2	0	1.94	13.1	30 10.15	57 44 47.2	57.3431
43		34 41.99	58 33 57.2	-2	87	1.98	13.0	34 47.93	58 37 37.8	58.2434
44		37 25.53	57 26 33.1	1	3	1.98	13.0	37 31.50	57 29 10.1	57.3663
		39 47.47	63 53 50.6	-2	93					θ Argus
45		42 45.04	58 49 13.6	-1	82	2.03	12.9	42 50.93	58 51 55.4	58.2692
46		45 37.98	57 28 15.1	-2	3	2.02	12.9	45 43.91	57 30 52.2	57.3838
47		47 59.47	58 39 1.6	-1	95	2.05	12.8	48 5.34	58 41 41.3	58.2795
48		49 46.52	58 23 30.6	-2	10	2.05	12.8	49 52.40	58 26 8.0	58.2830
49	8.9	52 37.54	57 31 57.7	-4	3	2.05	12.8	52 43.43	57 35 35.0	57.4002
50		54 53.27	57 29 16.5	-1	1	2.06	12.7	54 59.16	57 31 54.1	57.4035
51		56 43.40	58 28 35.7	-2	84	2.09	12.6	56 49.23	58 31 16.9	58.2926
52		58 40.10	57 23 10.3	-2	5	2.08	12.7	58 45.97	57 25 47.2	57.4119
53		11 1 15.03	58 30 34.8	0	99	2.08	12.5	11 1 20.86	58 33 14.1	58.3039
		4 48.88	58 27 52.4	-3	95					(209)
54		7 38.43	58 50 5.5	0	0	2.15	12.4	7 44.19	58 52 45.2	58.3253
55		9 41.51	59 6 23.2	1	1	2.16	12.3	9 47.25	59 9 3.2	58.3315
56		11 13.83	57 44 48.5	-1	14	2.14	12.4	11 19.62	57 47 24.9	57.4486
57		13 34.42	58 35 27.2	0	94	2.17	12.3	13 40.16	58 38 7.6	58.3424
		16 58.96	53 58 36.7	-2	96					π Centauri
58		20 25.36	57 39 52.5	-1	97	2.18	12.2	20 31.11	57 42 31.5	57.4667
59		22 1.45	58 50 7.2	0	97	2.21	12.1	22 7.15	58 52 47.6	58.3605
60		24 31.14	57 37 26.0	2	97	2.19	12.1	24 36.88	57 40 5.1	57.4730
61		26 41.64	58 17 32.4	2	92	2.22	12.0	26 47.35	58 20 13.1	58.3677
62		29 31.78	57 8 33.5	-2	0	2.20	12.0	29 37.52	57 11 11.5	56.4596
		31 43.10	62 29 52.8	-1	1					λ Centauri
63	7.8	34 57.78	58 4 37.5	-1	0	2.24	11.8	35 3.47	58 7 16.8	57.4893
64		38 2.54	57 2 38.9	-3	94	2.23	11.8	38 8.26	57 5 17.8	56.4706
65		40 31.92	58 49 50.1	-1	91	2.29	11.6	40 37.54	58 52 31.9	58.3821
66		42 9.83	57 36 32.8	0	0	2.26	11.7	42 15.51	57 33 11.7	57.4979
67		45 52.73	58 49 51.8	-1	5	2.31	11.4	45 58.33	58 52 31.7	58.3875
68		48 42.58	57 43 49.3	-2	96	2.29	11.5	48 48.21	57 46 29.1	57.5076

ZONA 26 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
69		11 ^h 52 ^m 1 ^s .74	58° 17' 52".9	— 3	0	—2".32	+11".3	11 ^h 52 ^m 7 ^s .34	58° 20' 33".0	58° 39' 39"
70		54 21.86	59 7 29.9	2	0	2.35	11.2	54 27.40	59 10 11.2	58.3978
71		57 6.46	57 57 34.5	2	95	2.32	11.2	57 12.06	58 0 15.2	57.5190
72		59 28.62	58 11 57.3	1	2	2.34	11.1	59 34.20	58 14 37.3	58.4048
73		12 1 46.87	58 37 16.2	2	1	2.36	11.0	12 1 52.41	58 39 57.0	58.4079
		3 48.01	50 12 5.8	2	2					δ Centauri

ZONA 27 A

Marzo 24 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		8 ^h 20 ^m 38 ^s .66	59° 11' 17".7	1	8					ε Argus
1		23 28.00	58 19 40.9	— 1	17	—1".10	+14".0	8 ^h 23 ^m 34 ^s .32	58° 22' 18".1	58° 11' 19"
2		27 1.52	58 18 49.8	— 2	10	1.12	14.0	27 7.82	58 21 28.1	58.1134
3	8.6	33 16.24	56 56 59.6	— 4	30	1.17	14.1	33 22.51	57 0 33.3	56.1731
4		37 33.46	58 44 17.9	— 1	15	1.19	14.1	37 39.68	58 46 55.7	58.1170
5		39 34.64	58 43 21.4	— 2	99	1.21	14.2	39 40.84	58 46 1.6	58.1177
6		41 47.13	58 22 41.3	— 3	5	1.22	14.2	41 53.33	58 25 20.4	58.1191
7	8.9	43 39.84	57 22 2.1	— 3	4	1.24	14.2	43 46.04	57 24 40.1	57.1697
8	8.8	45 11.56	57 16 58.1	— 4	97	1.25	14.2	45 17.75	57 20 37.0	57.1714
9	8.6	46 51.38	57 13 24.0	— 2	5	1.26	14.2	46 57.56	57 16 1.7	57.1734
10		49 31.12	57 59 50.1	— 1	8	1.28	14.2	49 37.25	58 2 28.1	57.1763
		52 59.99	60 16 15.4	1	4					ε Carinae
11	8.7	55 48.39	58 5 43.4	0	4	1.32	14.2	55 54.48	58 8 22.0	57.1808
12	8.8	58 8.91	57 33 20.8	— 2	93	1.34	14.2	58 15.00	57 36 0.6	57.1824
13	8.5	9 0 38.20	58 0 30.0	0	0	1.35	14.2	9 0 44.26	58 3 9.1	57.1841
14	8.7	2 44.12	58 22 43.3	2	95	1.37	14.2	2 50.16	58 25 23.4	58.1376
15		6 55.72	58 52 33.3	2	6	1.40	14.3	7 1.71	58 55 12.5	58.1404
16		9 3.49	57 13 16.2	— 2	95	1.42	14.2	9 9.50	57 15 55.2	57.1913
17	9.0	11 22.04	57 58 22.7	— 2	82	1.43	14.3	11 28.02	58 1 4.5	57.1938
18	8.4	13 8.77	58 28 26.7	— 2	97	1.44	14.3	13 14.74	58 31 6.9	58.1450
19		14 56.41	58 19 25.7	— 1	0	1.45	14.3	15 2.37	58 22 5.3	58.1469
20	8.8	16 31.94	58 58 23.2	— 2	7	1.46	14.3	16 37.87	59 1 2.6	58.1480
		19 21.11	54 35 59.8	0	0					ε Argus
21		22 7.76	58 16 24.4	1	5	1.50	14.3	22 13.67	58 19 3.1	58.1513
22		24 29.42	58 35 7.1	0	83	1.52	14.2	24 35.30	58 37 49.4	58.1523
23	8.7	26 16.77	58 8 51.5	— 2	96	1.53	14.2	26 23.65	58 11 31.5	58.1540
24	8.5	28 3.27	57 42 25.0	2	10	1.54	14.2	28 9.15	57 45 2.2	57.2094
25		29 48.41	57 31 13.5	1	4	1.55	14.2	29 54.29	57 33 51.5	57.2110
26		32 6.79	58 9 26.8	— 1	98	1.56	14.2	32 12.64	58 13 6.5	58.1578
27	8.9	34 26.87	57 33 40.5	— 2	95	1.58	14.2	34 32.72	57 36 19.9	57.2170
28		36 22.56	57 50 46.2	0	86	1.59	14.2	36 28.38	57 53 27.2	57.2208
29		38 19.07	58 36 15.3	1	97	1.61	14.2	38 24.86	58 38 55.6	58.1611
30	9.0	40 4.64	58 8 48.7	— 2	4	1.61	14.2	40 10.43	58 11 27.6	58.1623
31	8.9	42 7.02	57 32 7.6	2	0	1.63	14.2	42 12.81	57 34 46.1	57.2293
		44 51.58								ε Argus

ZONA 27 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
32		9 ^b 56 ^m 16 ^s 61	57° 40' 21 ^s 6	0	23	-1 ^s 72	+14 ^s 1	9 ^b 56 ^m 22 ^s 31	57° 42' 57 ^s 1	57.2510
33	8.3	59 13.70	57 14 37.4	- 1	0	1.73	14.1	59 19.39	57 17 15.9	57.2558
34	8.5	10 1 25.93	58 45 42.5	0	2	1.76	14.0	10 1 31.56	58 48 22.4	58.1864
35	8.0	4 42.45	57 54 26.3	- 1	0	1.77	14.0	4 48.08	57 57 5.6	57.2693
36		8 40.94	57 35 27.1	0	93	1.79	14.0	8 46.57	57 38 7.1	57.2781
37	8.4	10 34.94	57 14 53.5	- 1	0	1.80	14.0	10 40.56	57 17 32.0	57.2821
38		13 31.68	58 22 33.2	2	0	1.83	13.9	13 37.25	58 25 13.0	58.2049
39			58 40 8.7	0	3		13.9		58 42 48.6	58.2095
40	8.1	18 52.25	58 18 6.2	- 2	4	1.86	13.9	18 57.79	58 20 45.6	58.2136
41		21 46.65	58 5 42.9	0	5	1.87	13.8	21 52.18	58 8 21.9	57.3164
		24 37.60	58 15 20.2	0	2					^s Carinae
42		27 45.54	58 13 15.9	- 2	2	1.91	13.8	27 51.02	58 15 55.7	58.2268
43		30 4.71	57 42 7.2	2	0	1.91	13.8	30 10.20	57 44 46.4	57.3431
44		32 19.69	57 42 9.2	2	96	1.93	13.7	32 25.16	57 44 49.1	57.3499
45		34 42.46	58 35 3.3	0	48	1.95	13.6	34 47.89	58 37 36.8	58.2434
46		37 26.13	57 26 30.6	1	98	1.95	13.7	37 31.59	57 29 9.9	57.3663
		39 47.89	63 53 47.4	- 2	90					^h Argus

ZONA 28 A

Marzo 25 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	9.0	8 ^b 6 ^m 45 ^s 13	58 56 9 ^s 2	1	87	-0 ^s 93	+14 ^s 0	8 ^b 6 ^m 51 ^s 27	58° 58' 51 ^s 7	58° 1062
2	8.5	12 12.84	58 14 35.6	- 1	95	0.98	14.1	12 18.95	58 17 16.2	58.1082
3	8.9	15 33.46	57 35 15.4	0	97	1.01	14.1	15 39.57	57 37 54.9	57.1469
4	9.0	18 24.13	57 58 49.8	- 2	98	1.03	14.1	18 30.20	58 1 29.6	57.1486
5	8.7	23 28.54	58 19 37.6	- 1	0	1.06	14.2	23 34.56	58 22 17.5	58.1119
6		24 48.27	58 54 20.8	- 1	4	1.06	14.2	24 54.27	58 57 0.8	58.1128
7		27 1.90	58 18 49.5	- 2	7	1.09	14.2	27 7.89	58 21 28.3	58.1134
8	9.0	29 24.74	58 39 16.5	- 1	94	1.10	14.3	29 30.71	58 41 57.6	58.1144
9	8.4	33 16.70	56 57 55.4	- 3	1	1.14	14.3	33 22.68	57 0 33.6	57.1731
10	9.0	37 33.72	58 44 16.9	- 1	5	1.16	14.3	37 39.63	58 46 56.4	58.1170
11	8.9	39 35.03	58 43 21.9	- 2	1	1.17	14.4	39 40.93	58 46 2.0	58.1177
12		41 47.45	58 22 41.4	- 3	3	1.19	14.4	41 53.34	58 25 20.7	58.1191
13	8.9	43 40.09	57 23 2.7	- 2	4	1.21	14.4	43 45.99	57 25 40.8	57.1697
14	8.8	45 11.88	57 17 54.6	- 3	93	1.22	14.4	45 17.79	57 20 34.2	57.1714
15	8.6	46 51.69	57 13 23.8	- 2	1	1.23	14.4	46 57.57	57 16 2.1	57.1734
16	8.1	49 31.38	57 59 48.1	- 1	0	1.25	14.4	49 37.21	58 2 27.4	57.1763
		53 0.19	60 16 13.8	1	95					^e Carinae
17	8.8	55 48.56	58 5 41.8	0	95	1.29	14.4	55 54.35	58 8 24.2	57.1808
18	8.7	58 9.17	57 33 23.4	- 2	6	1.31	14.5	58 14.96	58 36 1.3	57.1824
19	8.6	9 0 38.46	58 0 32.7	0	15	1.32	14.5	9 0 44.02	58 3 9.7	57.1841
20	8.8	2 44.54	58 22 43.0	2	94	1.34	14.5	2 50.27	58 25 23.3	58.1376
21	8.5	5 3.99	58 1 55.3	1	91	1.36	14.5	5 9.71	58 4 35.7	57.1878
22		6 55.98	58 52 31.9	2	94	1.37	14.5	7 1.66	58 55 12.9	58.1404
23		9 3.77	57 13 17.0	- 2	99	1.38	14.5	9 9.49	57 15 55.6	57.1913

ZONA 28 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
24	9.0	9 ^h 11 ^m 22 ^s 25	57 58 23.3	— 2	86	— 1 40	+ 14.5	9 ^h 11 ^m 27.93	58° 1' 4.6	57° 1938
25	8.5	13 9.01	58 28 24.4	— 2	84	1.41	14.5	13 14.67	58 31 6.6	58.1450
26	8.0	14 56.79	58 19 26.0	— 1	0	1.42	14.5	15 2.44	58 22 5.6	58.1469
27	8.8	16 32.09	58 58 25.4	— 2	15	1.43	14.5	16 37.71	59 1 3.6	58.1480
		19 21.33	54 35 59.1	0	97					z Argus
28	8.2	22 8.02	58 16 24.8	1	5	1.47	14.5	22 13.62	58 19 3.5	58.1513
29		24 29.74	58 35 8.2	0	92	1.49	14.5	24 35.32	58 37 49.2	58.1523
30	8.8	26 16.84	58 8 51.8	— 2	0	1.50	14.5	26 22.42	58 11 31.2	58.1540
31	8.8	28 3.62	57 42 24.0	— 3	2	1.51	14.5	28 9.20	57 45 2.7	57.2094
32	8.6	32 7.06	58 9 27.6	— 1	3	1.54	14.5	32 12.60	58 12 6.6	58.1578
33	9.0	34 27.29	57 33 41.5	— 2	92	1.55	14.5	34 32.84	57 36 21.4	57.2170
34		36 22.88	57 50 48.5	0	94	1.57	14.5	36 28.39	57 53 28.9	57.2208
35	8.0	38 19.28	58 36 15.6	1	0	1.58	14.5	38 24.77	58 38 55.5	58.1611
36	9.0	40 4.78	58 8 46.6	— 2	85	1.59	14.5	40 10.27	58 11 28.2	58.1623
37	9.0	42 7.24	57 52 7.5	2	97	1.60	14.5	42 12.74	57 34 46.5	57.2293
		44 51.87	64 37 34.0	2	2					v Argus
38		47 6.36	58 21 46.6	1	0	1.64	14.4	47 11.78	58 24 26.2	58.1667
39		49 26.72	57 48 6.4	— 2	97	1.65	14.4	49 32.14	57 50 45.9	57.2396
		53 45.04	54 6 54.5	1	1					[p Argus]
40		56 16.77	57 40 16.1	0	85	1.69	14.3	56 22.17	57 42 57.3	57.2510
41		59 13.94	57 14 38.3	— 1	0	1.71	14.4	59 19.32	57 17 16.8	57.2558
42		10 1 26.09	58 45 42.6	0	99	1.74	14.3	10 1 31.40	58 48 23.0	58.1864
43		4 42.73	57 54 26.5	— 1	97	1.71	14.3	4 48.05	57 57 6.2	57.2693
44		10 35.25	57 14 52.9	— 1	99	1.78	14.3	10 40.56	57 17 31.6	57.2821
45	8.4	13 31.87	58 22 34.5	2	5	1.81	14.2	13 37.12	58 25 15.1	58.2049
46		16 33.11	58 40 9.1	0	0	1.83	14.2	16 38.33	58 42 49.4	58.2095
47	8.0		58 18 4.5	— 2	90		14.2		58 20 46.0	58.2136
48		21 47.09	58 5 46.3	0	25	1.86	14.1	21 52.30	58 8 22.3	57.3164
		24 38.00	58 15 19.9	0	0					s Carinae
49	8.3	27 45.57	58 13 17.1	— 2	0	1.89	14.1	27 50.74	58 15 57.2	58.2268
50		30 4.94	57 42 7.9	— 3	3	1.90	14.0	30 10.12	57 44 46.9	57.3441
51		32 19.97	57 42 10.9	— 3	0	1.91	14.0	32 25.14	57 44 50.4	57.3499
52	8.0	34 42.69				1.94		34 47.81		58.2434
53		37 26.38	57 26 30.2	1	99	1.94	14.0	37 31.53	57 29 9.6	57.3663
		39 48.32	63 53 49.1	— 2	96					t Argus
54		42 46.00	58 49 15.7	— 1	9	1.99	13.8	42 51.06	58 51 55.0	58.2692
55		45 38.77	57 28 13.6	— 2	4	1.98	13.8	45 43.88	57 30 52.3	57.3838
56	8.1	48 0.19	58 39 0.2	— 1	0	2.02	13.7	48 5.22	58 41 41.0	58.2795
57		49 47.31	58 24 28.8	— 1	2	2.02	13.7	49 52.35	58 27 8.8	58.2830
58	8.0	52 38.33	57 32 55.5	— 3	3	2.02	13.7	52 43.40	57 35 34.6	57.3998
59	7.8	54 54.06	57 29 15.0	— 1	3	2.03	13.7	54 59.12	57 31 54.0	57.4035
60		56 44.22	58 28 36.2	— 2	99	2.06	13.6	56 49.22	58 31 17.2	58.2926
61		58 40.97	57 23 11.6	— 2	22	2.05	13.6	58 46.01	57 25 47.9	57.4119
62		11 1 15.75	58 30 33.1	0	95	2.09	13.5	11 1 20.72	58 33 14.6	58.3039
		4 49.68	58 27 52.3	— 3	3					(209)
63	8.3	7 39.32	58 50 2.8	0	98	2.13	13.4	7 44.23	58 52 44.4	58.3253
64		9 42.33	59 6 29.1	1	47	2.14	13.3	9 47.23	59 9 3.9	58.3315
65		13 35.46	58 35 24.9	0	90	2.15	13.3	13 40.37	58 38 7.5	58.3424
		16 59.80	53 58 35.6	— 2	1					π Centauri
66		20 26.37	57 39 49.9	— 1	95	2.17	13.2	20 31.29	57 42 30.8	57.4667
67		22 2.30	58 50 5.4	0	96	2.20	13.1	22 7.13	58 52 47.6	58.3605
68		24 31.99	57 37 25.0	2	97	2.18	13.1	24 36.89	57 40 5.8	57.4730
69		26 42.52	58 17 30.3	2	82	2.21	13.0	26 47.36	58 20 13.9	58.3677
70		29 32.49	57 8 31.4	— 2	94	2.20	13.0	29 37.38	57 11 12.1	56.4596
		31 43.82	62 29 51.6	— 1	3					λ Centauri
71		35 54.07	58 28 50.2	— 2	5	2.26	12.7	35 58.86	58 31 31.1	58.3778
72		38 3.49	57 2 38.3	— 3	5	2.24	12.8	38 8.34	57 5 17.5	56.4706

ZONA 28 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
73		11 ^h 40 ^m 32 ^s .77	58°49'49".3	— 1	0	—2".29	+12".6	11 ^h 40 ^m 37 ^s .51	58°52'31".4	58°38'21
74		42 10.67				2.26		42 15.54		57.4979
75			58 49 49.2	-- 1	0		12.5		58 52 31.4	58.3875
76		48 43.40	57 43 48.4	— 2	6	2.30	12.5	48 48.16	57 46 28.5	57.5076
77		52 2.54	58 17 56.3	— 3	40	2.33	12.3	52 7.25	58 20 32.4	58.3939
78		54 22.54	59 7 27.4	— 3	95	2.36	12.2	54 27.19	59 10 11.1	58.3978
79		57 7.22	57 57 33.0	— 3	99	2.34	12.2	57 11.93	58 0 14.7	57.5199
80		12 1 47.54	58 37 12.8	2	93	2.37	12.0	12 1 52.21	58 39 56.2	58.4079
		3 48.80	50 12 3.6	2	98					♁ Centauri

ZONA 29 A

Marzo 29 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		8 ^h 33 ^m 13 ^s .31	57°40' 2".0	0	94	—1".00	+15".0	8 ^h 33 ^m 17 ^s .89	57°42' 40".0	57°15'91
2		37 13.90	58 30 46.0	0	94	1.02	15.1	37 18.44	58 33 25.0	58.1167
3		38 58.51	57 7 36.6	2	1	1.05	15.1	39 3.05	57 10 12.8	57.1648
4			57 43 58.8	— 3	1		15.1		57 45 35.7	57.1709
		42 15.21	54 21 0.3	1	91					♁ Argus
5		46 59.86	57 18 38.4	— 2	87	1.11	15.2	47 4.33	57 21 16.9	57.1736
6	8.7	49 47.08	57 10 29.2	0	95	1.13	15.2	49 51.53	57 13 6.3	57.1767
7		52 39.45	57 51 58.9	1	86	1.14	15.3	52 43.87	57 54 38.1	57.1790
8		56 6.64	58 48 56.1	— 2	98	1.16	15.3	56 11.02	58 51 34.6	58.1319
9	9.0	58 54.15	57 15 12.7	0	91	1.20	15.3	58 58.52	57 17 50.4	57.1828
10		9 4 6.12	58 48 58.7	— 2	0	1.22	15.4	9 4 10.44	58 51 35.7	58.1386
11	8.3	6 20.83	57 55 44.5	0	2	1.25	15.4	6 25.14	57 58 21.3	57.1892
12	8.2	8 29.76	57 16 8.8	1	89	1.27	15.4	8 34.06	57 18 46.7	57.1909
13	8.5	10 15.44	57 19 7.1	— 1	97	1.28	15.4	10 19.73	57 21 43.9	57.1926
14		12 52.05	57 59 9.6	— 1	0	1.29	15.4	12 56.32	58 1 46.8	57.1949
15	9.0	15 18.70	57 21 23.1	1	97	1.32	15.4	15 22.95	57 23 58.9	57.1973
16	8.3	17 41.22	58 31 30.6	1	1	1.33	15.4	17 45.44	58 34 8.1	58.1488
		19 22.66	54 36 1.5	1	95					× Argus
17	8.5	25 27.47	58 5 23.1	0	88	1.39	15.5	25 31.63	58 8 2.0	57.2065
18	8.8	27 21.50	58 26 53.9	1	12	1.40	15.5	27 25.65	58 29 29.7	58.1546
19	8.0	30 35.72	57 27 24.9	2	96	1.43	15.5	30 39.86	57 30 1.9	57.2120
20		32 23.81	58 37 5.6	2	86	1.44	15.5	32 27.91	58 39 45.1	58.1579
21	8.4	34 43.75	58 36 13.4	1	94	1.46	15.5	34 47.83	58 38 52.0	58.1590
22		37 48.92	58 0 22.3	0	96	1.48	15.5	37 52.98	58 3 0.0	57.2226
23		39 59.09	57 40 5.9	0	5	1.49	15.5	40 3.16	57 42 41.8	57.2255
24	8.7	41 37.39	58 44 24.4	— 1	97	1.51	15.5	41 41.42	58 47 2.8	58.1629
		44 53.25	64 37 36.9	— 3	2					♁ Argus
25		47 25.37	57 35 59.5	0	0	1.55	15.5	47 29.38	57 38 36.0	57.2368
26		50 25.15	58 12 12.6	2	88	1.57	15.5	50 29.12	58 14 51.6	58.1684
		53 46.45	54 6 55.2	1	90					[♁ Argus]
27	8.9	56 16.89	57 47 24.5	2	2	1.61	15.5	56 20.83	57 50 1.0	57.2508
28			58 56 41.5	1	94		15.4		58 59 20.5	58.1801

ZONA 29 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
29		10 ^h 3 ^m 3 ^s .72	57° 26' 15.3	1	94	-1.66	+15.4	10 ^h 3' 7.62	57° 28' 52.6	57° 2643
30		5 17.22	57 43 59.5	- 2	5	1.67	15.4	5 21.10	57 46 35.6	57.2703
31		7 56.32	58 41 13.0	1	15	1.70	15.4	8 0.16	58 43 48.8	58.1967
32		10 19.61	58 44 54.6	- 1	98	1.71	15.4	10 23.44	58 47 33.0	58.2010
33		12 11.45	57 22 52.4	- 3	85	1.72	15.4	12 15.29	57 25 32.2	57.2873
34		14 30.93	58 17 15.1	2	95	1.74	15.4	14 34.72	58 19 53.1	58.2063
35		19 0.25	57 47 16.6	2	0	1.77	15.3	19 4.02	57 49 54.7	57.3069
36		20 46.99	59 1 58.5	1	95	1.79	15.3	20 50.71	59 4 37.7	58.2163
		24 39.36	58 15 22.4	0	1					<i>s</i> Carinae
37		27 51.04	57 33 49.5	- 2	0	1.82	15.3	27 54.77	57 36 26.4	57.3366
38		29 30.55	58 10 55.1	0	55	1.84	15.2	29 34.24	58 13 24.5	58.2285
39		34 6.51	58 14 33.1	- 1	98	1.87	15.2	34 10.17	58 17 10.9	58.2411
		39 49.83	63 53 52.6	- 2	3					<i>θ</i> Argus
40		42 18.99	58 54 39.3	- 1	1	1.93	15.0	42 22.58	58 57 17.8	58.2680
41		44 26.39	58 12 2.4	2	98	1.94	15.0	44 29.98	58 14 40.2	58.2717
42		45 56.26	58 49 26.9	- 1	94	1.96	15.0	45 59.82	58 52 6.3	58.2755
43		48 51.64	57 45 11.3	0	40	1.96	15.0	48 55.22	57 47 42.6	57.3909
44		52 28.82	59 1 16.4	1	0	2.00	14.9	52 32.33	59 3 55.3	58.2873
45		55 37.81	57 10 30.9	0	81	1.99	14.9	55 41.38	57 13 10.3	57.4048
46		58 7.38	57 41 10.2	1	2	2.02	14.9	58 10.91	57 43 47.2	57.4109
47	11	0 18.01	57 26 52.8	1	2	2.03	14.8	11 0 21.53	57 29 29.6	57.4174
48		2 30.83	58 20 7.4	0	0	2.05	14.8	2 34.31	58 22 45.6	58.3103
		4 51.23	58 27 54.4	- 3	1					(209)
49		7 8.14	57 56 44.1	1	30	2.08	14.7	7 11.60	57 59 17.5	57.4387
50		9 43.74	59 6 22.5	1	91	2.11	14.6	9 47.14	59 9 3.0	58.3315
51		11 58.54	58 22 31.1	2	0	2.11	14.6	12 1.96	58 25 9.4	58.3388
52	8.0	14 50.84	57 40 25.5	0	35	2.12	14.6	14 54.27	57 42 58.0	57.4555
		16 1.36	53 58 33.8	- 2	78					<i>π</i> Centauri
53		19 21.43	58 16 17.4	1	96	2.15	14.4	19 24.81	58 18 56.3	58.3550
54		21 4.25	59 8 5.6	- 2	2	2.18	14.4	21 7.58	59 10 45.0	58.3587
55		23 51.35	58 9 47.0	- 1	3	2.18	14.4	23 54.70	58 12 25.0	57.4716
56		25 19.21	57 18 50.8	- 2	86	2.17	14.4	25 22.59	57 21 30.2	57.4745
57		27 46.57	58 59 47.8	- 1	3	2.22	14.2	27 49.87	59 2 26.9	58.3693
		31 45.41	62 29 54.7	- 1	4					<i>λ</i> Centauri
58		35 1.12	57 13 8.0	- 2	95	2.22	14.2	35 4.45	57 15 46.3	57.4894
59		38 5.01	57 2 42.4	- 3	15	2.23	14.1	38 8.34	57 5 17.6	56.4706
60		46 25.44	57 18 32.4	- 2	5	2.28	13.9	46 28.70	57 21 9.6	57.5042
			57 43 51.6	- 2	5		13.8		57 46 29.3	57.5076
61			57 47 41.4	- 3	96		13.7		57 50 20.7	57.5123
62			57 55 24.0	0	0	2.33	13.6	54 41.52	57 58 2.8	57.5155
63		54 38.32	57 32 52.7	- 3	3	2.33	13.6	56 26.80	57 35 30.8	57.5179
64		56 23.59	58 43 46.6	- 2	97	2.38	13.4	12 0 19.25	58 46 27.0	58.4058
65		12 0 16.11	50 12 6.4	2	98					<i>δ</i> Centauri

ZONA 30 A

Abril 2 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1			38°36'48.0	1	92		+16.5		58°35'46.3	58.1779
2		10 ^b 1 ^m 3.06	59 5 37.2	0	93	-1.29	16.5	10 ^b 1 6.61	59 4 36.1	58.1856
3			57 28 55.5	- 2	92		16.5		57 27 52.2	57.2643
4			57 47 41.7	2	75		16.5		57 46 36.6	57.2703
5		7 56.97	58 44 50.2	- 1	96	1.34	16.5	8 0.48	58 43 49.1	58.1967
6			58 48 32.3	- 2	6		16.5		58 47 32.6	58.2010
7			57 26 31.3	1	5		16.5		57 25 30.2	57.2873
8			58 20 53.3	0	3		16.4		58 19 52.9	58.2063
9			57 50 58.7	0	80		16.4		57 49 54.5	57.3069
10		20 47.44	59 5 37.9	0	2	1.44	16.4	20 50.84	59 4 38.2	58.2163
		24 40.00	58 19 0.5	- 1	3					
11			57 37 28.6	2	98		16.4		57 36 26.8	57.3366
12		29 31.15	58 14 24.3	- 1	4	1.50	16.4	29 34.49	58 13 23.8	58.2285
13			57 13 56.2	- 2	11		16.4		57 12 55.5	57.3472
14			58 18 11.0	- 2	5		16.3		58 17 10.6	58.2411
15		35 39.42	58 23 8.2	- 2	4	1.55	16.3	35 42.71	58 22 7.8	58.2474
		39 50.36	63 57 29.2	2	8					6 Argus
16		42 19.71	58 58 18.1	- 2	2	1.87	16.2	42 22.68	58 57 18.2	58.2680
17		44 27.12	58 15 40.3	0	8	1.88	16.2	44 30.08	58 14 40.7	58.2717
18		45 56.99	58 53 5.9	- 2	0	1.90	16.2	45 59.93	58 52 5.7	58.2755
19		48 52.21	57 48 43.8	- 2	2	1.91	16.2	48 55.14	57 47 42.7	57.3909
20	7.5	52 47.73	57 6 31.3	1	8	1.95	16.1	52 50.60	57 5 32.9	56.4016
21		55 38.34	57 14 9.5	- 1	18	1.94	16.1	55 41.24	57 13 10.2	57.4048
22		58 8.13	57 44 49.6	- 1	0	1.97	16.1	58 10.99	57 43 48.3	57.4109
23		11 0 18.59	57 30 29.1	0	98	1.98	16.0	11 0 21.44	57 29 28.5	57.4177
24		2 31.38	58 23 45.1	- 2	10	2.00	16.0	2 34.21	58 22 46.0	58.3103
		4 51.79	58 31 32.1	1	10					(209)
25		9 44.40	59 10 3.0	0	5	2.07	15.8	9 47.15	59 9 4.4	58.3315
26		11 59.07	58 26 9.4	1	4	2.07	15.8	12 1.83	58 25 9.8	58.3388
27		14 51.44	57 43 58.2	- 2	8	2.08	15.8	14 54.19	57 42 56.3	57.4555
		17 2.01								
28		19 22.10	58 18 55.6	- 2	10	2.12	15.7	19 24.81	58 17 57.0	π Centauri
29		23 51.87	58 13 25.9	- 2	0	2.15	15.6	23 54.56	58 12 25.4	58.3550
30		27 47.31	59 3 26.1	- 2	7	2.19	15.5	27 49.94	59 2 27.8	57.4716
		31 15.95	62 33 32.9	- 2	0					λ Centauri
31		35 1.96	57 16 51.0	1	78	2.20	15.4	35 4.59	57 15 46.8	57.4894
32		38 5.66	57 6 17.6	1	5	2.21	15.4	38 8.28	57 5 17.1	56.4706
33		43 55.23	57 45 34.6	0	98	2.26	15.2	43 57.79	57 44 24.0	57.5008
34		46 25.96	57 22 9.0	2	2	2.27	15.2	46 28.51	57 21 8.7	57.5042
35		48 45.72	57 47 28.6	2	8	2.29	15.1	48 48.25	57 46 29.8	57.5076
36		52 33.87	57 51 21.2	1	4	2.32	15.0	52 36.37	57 50 22.0	57.5123
37		56 24.23	57 36 29.2	1	10	2.33	14.9	56 26.72	57 35 30.6	57.5179
38		12 0 16.60	58 47 23.8	2	14	2.38	14.7	12 0 19.04	58 46 27.3	58.4058
		3 51.04	50 15 44.6	0	7					δ Centauri
39	8.7	6 26.40	57 16 48.8	1	5	2.38	14.6	6 28.84	57 15 49.4	57.5299
40	8.3	8 16.41	59 11 33.1	1	10	2.44	14.4	8 18.78	59 10 36.8	58.4164
41		10 31.85	58 17 13.7	2	94	2.43	14.3	10 34.24	58 16 14.1	58.4189
42		12 30.61				2.41		12 33.03		57.5372
43		14 40.18	58 49 52.0	- 1	68	2.46	14.3	14 42.53	58 48 49.1	58.4212
44	8.6		59 9 40.7	- 1	9		14.1		59 8 44.4	58.4245
45			57 39 35.0	- 1	93		14.2		57 38 34.5	57.5451
46	8.0		57 15 34.9	0	70		14.0		57 14 30.8	57.5547

ZONA 30 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
47		12 ^h 32 ^m 39 ^s .45	57°37'54.3	— 3	0	—2.52	+13.8	12 ^h 32 ^m 41 ^s .74	57°36'55.0	57°5600
48	8.5	35 3.35	59 7 45.6	— 3	18	2.58	13.6	35 5.57	59 6 51.0	58.4426
49		37 4.17	57 19 12.3	— 1	0	2.53	13.7	37 6.45	57 18 12.9	57.5644
50	8.8	38 51.96	58 52 50.7	— 3	7	2.59	13.5	38 54.18	58 51 54.0	58.4458
51	8.8	40 44.94	57 45 23.5	0	6	2.56	13.5	40 47.19	57 44 25.7	57.5686
		42 39.02	59 14 1.7	— 1	17					β Crucis
52	8.7	44 54.42	57 33 50.3	— 2	3	2.57	13.4	44 56.66	57 32 51.9	57.5735
53		46 58.61	58 3 51.2	— 2	96	2.60	13.3	47 0.83	58 2 52.4	57.5755
54		49 14.08	57 58 47.7	— 2	96	2.60	13.2	49 16.30	57 57 49.5	57.5776
55		53 9.98	58 1 20.8	1	75	2.62	13.1	53 12.17	58 0 19.4	57.5817
56		55 11.42	58 30 7.3	0	3	2.65	12.9	55 13.57	58 29 10.5	58.4636
57		57 47.73	59 9 45.7	— 1	6	2.68	12.7	57 49.84	59 8 50.3	58.4659
58		13 2 16.14				2.67		13 2 18.27		58.4699
59		5 3.96	57 18 7.0	— 2	11	2.64	12.7	5 6.12	57 17 10.0	57.5921
60		7 6.43	58 12 31.7	2	12	2.68	12.5	7 8.56	58 11 36.6	57.5944
			67 27 4.6	2	0					[γ Mensae]

ZONA 31 A

Abril 3 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	9.0	9 ^h 44 ^m 54 ^s .42	64°41'15".7	1	8	—1.42	+16.7	9 ^h 49 ^m 32 ^s .14	57°50'46".7	γ Argus 57°2396
		49 29.30	57 51 49.4	1	4					[β Argus]
		53 47.72	54 10 36.6	0	3					58.1770
2		57 27.20	58 36 48.0	1	5	1.50	16.7	57 29.96	58 35 46.4	58.1856
3	8.4	10 1 3.72	59 5 36.9	0	6	1.53	16.7	10 1 6.44	59 4 36.0	57.2643
4	8.1	3 4.81	57 29 54.9	— 1	8	1.55	16.7	3 7.51	57 28 52.4	57.2703
5		5 18.26	57 47 38.3	— 3	4	1.56	16.7	5 20.95	57 46 35.8	58.1967
6		7 57.37	58 44 51.2	— 1	2	1.59	16.7	8 0.63	58 43 49.4	58.2010
7	8.5		58 48 36.4	— 2	97		16.7		58 47 34.0	57.2873
8	8.5	12 12.59	57 26 36.9	1	90	1.62	16.7	12 15.22	57 25 31.7	57.3069
9		19 1.35	57 50 56.1	0	11	1.67	16.7	19 3.93	57 49 54.5	58.2163
10	8.4	20 48.09	59 5 40.7	0	1	1.69	16.7	20 50.65	59 4 39.1	β Carinae
		23 40.58	58 19 2.1	— 1	7					57.3366
11	8.1	27 52.18	57 37 30.9	2	94	1.73	16.6	27 54.69	57 36 26.6	58.2285
12		29 31.75	58 14 28.9	— 1	88	1.75	16.6	29 34.25	58 13 24.6	57.3472
13		31 44.37	57 14 58.9	— 1	2	1.76	16.6	31 46.85	57 15 55.3	58.2411
14		34 7.75	58 18 14.8	— 2	98	1.79	16.6	34 10.21	58 17 12.1	58.2474
15	7.6	35 39.97	58 23 11.5	— 2	0	1.80	16.6	35 42.42	58 22 9.2	6 Argus
		39 50.68	63 57 32.9	2	1					58.2680
16	8.6	42 20.22	58 58 20.3	— 2	97	1.85	16.5	42 22.71	58 57 18.3	58.2717
17		44 27.47	58 15 41.4	0	12	1.86	16.5	44 29.86	58 14 40.7	58.2755
18		45 57.35	58 53 7.7	— 2	5	1.88	16.5	45 59.71	58 52 6.8	57.3909
19		48 52.75	57 48 44.5	— 2	7	1.89	16.5	48 55.09	57 47 42.7	58.28-3
20	8.6	52 30.08	59 4 55.4	— 1	10	1.93	16.4	52 32.38	59 3 55.5	57.4048
21		55 38.96	57 14 13.3	— 1	8	1.93	16.4	55 41.26	57 13 10.9	

ZONA 31 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
22	8.4	10 ^b 58 ^m 8 ^s 61	57°44'50.2	— 1	1	-1.96	+16.3	10 ^b 58 ^m 10 ^s 88	57°43'47.4	57.4109
23		11 0 19.18	57 30 31.5	0	8	1.97	16.3	11 0 21.44	57 29 29.5	57.4174
24		2 31.80	58 23 47.9	— 2	0	1.99	16.3	2 34.05	58 22 45.9	58.3103
		4 52.44	58 31 34.4	1	2					(209)
25		7 9.33	58 0 20.1	0	4	2.02	16.2	7 11.55	57 59 18.2	57.4387
26		9 45.00	59 10 3.4	0	9	2.06	16.1	9 47.17	59 9 3.7	58.3315
27	8.2	11 59.63	58 26 10.5	1	6	2.06	16.1	12 1.80	58 25 9.4	58.3388
28	8.5	14 51.96				2.07		14 54.12		57.4555
		16 2.58	54 2 17.5	2	5					π Centauri
29		19 22.68	58 19 57.0	— 1	14	2.11	16.0	19 24.81	58 18 57.1	58.3550
30	8.3	21 5.33	59 11 45.4	1	1	2.14	15.9	21 7.42	59 10 44.7	58.3587
31		23 52.45	58 13 26.4	— 2	5	2.14	15.9	23 54.55	58 12 25.3	57.4716
32		25 20.51	57 22 33.1	— 3	4	2.13	15.9	25 22.61	57 21 30.9	57.4745
33		27 47.84	59 3 26.4	— 2	12	2.18	15.8	27 49.89	59 2 26.1	58.3693
		31 46.55	62 33 33.3	— 2	6					λ Centauri
34		35 2.26	57 16 51.7	1	87	2.19	15.7	35 4.29	57 15 46.8	57.4894
35		38 6.18	57 6 19.3	1	8	2.21	15.7	38 8.19	57 5 17.5	56.4706
36		43 55.69	57 45 35.7	0	0	2.26	15.5	43 57.65	57 44 33.6	57.5008
37	8.1	46 26.61	57 22 12.3	2	0	2.26	15.5	46 28.57	57 21 9.7	57.5042
38	8.3		57 47 31.1	2	0				57 46 29.1	57.5076
39	8.5		57 51 22.9	1	0				57 50 21.0	57.5123
40	8.3	54 39.49	57 59 3.5	— 1	3	2.33	15.2	54 41.39	57 58 2.3	57.5155
41		56 24.77	57 36 33.5	1	94	2.33	15.2	56 26.66	57 35 30.6	57.5179
42		12 0 17.36	58 47 27.9	2	96	2.38	15.0	12 0 19.20	58 46 27.0	58.4058
		3 51.59	50 15 50.0	0	82					δ Centauri
43	8.8	6 26.90	57 16 51.8	1	96	2.38	15.0	6 28.73	57 15 49.0	57.5299
44	8.0	8 16.95	59 11 34.7	1	13	2.44	14.8	8 18.72	59 10 36.9	58.4164
45		10 32.42	58 17 15.3	2	99	2.43	14.8	10 34.21	58 16 14.3	58.4189
46	8.8	12 31.14	57 14 29.2	— 1	80	2.41	14.8	12 32.94	57 13 26.4	57.5372
47		14 40.75	58 49 48.8	— 1	0	2.37	14.6	14 42.49	58 48 48.9	58.4212
48		16 9.67	58 38 27.3	— 2	8	2.47	14.6	16 11.41	58 37 28.5	58.4226
49		18 7.79	59 9 43.0	— 1	7	2.50	14.5	18 9.51	59 8 44.7	58.4245
50		20 5.23	57 39 35.0	— 1	0	2.46	14.5	20 6.98	57 38 33.9	57.5451
			62 38 14.7	— 2	4					α Crucis
51		24 8.72	58 16 39.2	1	4	2.50	14.4	24 10.44	58 15 39.4	58.4313
		26 21.35	56 38 56.2	— 2	1					γ Crucis
52	8.1	28 30.28	57 15 32.1	0	0	2.49	14.3	28 32.00	57 14 30.6	57.5547
53	8.2	30 36.33	57 29 23.0	— 1	5	2.51	14.2	30 38.03	57 28 22.6	57.5574
54		32 40.04	57 37 55.6	— 3	3	2.52	14.1	32 41.73	57 36 55.3	57.5600
55	8.5	35 3.97	59 7 47.6	— 3	5	2.59	13.9	35 5.59	59 6 49.6	58.4426
56	7.9	37 4.64	57 19 13.9	— 1	0	2.53	14.0	37 6.32	57 18 12.9	57.5644
57	8.5		58 52 14.2	2	98		13.8		58 51 14.7	58.4455
58		40 45.46	57 45 24.8	0	5	2.57	13.9	40 47.10	57 44 25.1	57.5686
		42 39.58	59 14 5.5	— 1	1					β Crucis
59		44 55.00	57 33 50.3	— 2	7	2.58	13.7	44 56.63	57 32 50.9	57.5735
60	9.0	46 59.07	58 3 52.2	— 2	93	2.61	13.6	47 0.68	58 2 51.5	57.5755
61		49 14.59	57 58 48.2	— 2	7	2.61	13.5	49 16.19	57 57 50.6	57.5776
62	8.7	51 21.25	59 2 40.2	— 3	3	2.66	13.3	51 22.89	59 1 42.4	58.4601
63	8.2	53 10.56	58 1 18.8	1	2	2.63	13.4	53 12.14	58 0 19.4	57.5817
64		55 11.92	58 30 7.2	0	8	2.66	13.2	55 13.46	58 29 9.4	58.4636
65		57 48.19	59 9 46.0	— 1	7	2.69	13.1	57 49.70	59 8 49.1	58.4659
66	8.9	13 2 16.71	58 24 57.1	— 1	0	2.69	13.0	13 2 18.22	58 23 58.3	58.4699
67	7.9	5 4.55	57 18 7.6	— 2	14	2.65	13.0	5 6.10	57 17 9.6	57.5921
68		7 7.13	58 12 34.0	2	2	2.70	12.8	7 8.64	58 11 36.5	57.5944
			67 27 5.4	2	4					[ε Mensae]
69	8.6	11 57.23	58 21 22.1	1	10	2.72	12.6	11 58.72	58 20 25.1	58.4771
70	8.2	13 50.67	59 2 6.8	2	10	2.76	12.4	13 52.11	59 1 10.7	58.4798

ZONA 31 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
71		13 ^b 18 ^m 59 ^s 43	58° 23' 25".2	— 2	2	— 2 ^s 75	+ 12 ^s 3	13 ^b 19 ^m 0 ^s 89	58° 22' 29".0	58° 48' 48
72	8.2	20 47.29	57 38 46.1	— 2	3	2.73	12.3	20 48.75	57 37 47.6	57.6048
73	8.0	22 45.02	59 6 5.0	1	2	2.79	12.1	22 46.42	59 5 8.2	58.4889
74		24 49.84	58 14 9.8	— 1	97	2.76	12.1	24 51.28	58 13 11.4	58.4909
75	8.6	27 13.04	58 48 50.5	— 2	5	2.80	11.9	27 14.43	58 47 54.1	58.4929
76	8.2	29 23.30	58 22 41.9	— 3	1	2.78	11.9	29 24.72	58 21 44.5	58.4950
77		32 27.02	57 59 31.3	— 1	1	2.78	11.8	32 28.44	57 58 33.5	57.6169
		34 24.28	53 2 49.7	— 3	5					Centauri
78		40 4.86	58 9 35.7	— 1	0	2.81	11.4	40 6.25	58 8 38.3	57.6259
79	8.0	42 48.07	59 4 54.4	— 1	2	2.86	11.2	42 49.40	59 3 58.6	58.5185
80	8.3	44 45.15	58 5 19.6	0	77	2.82	11.2	44 46.53	58 4 18.9	57.6324
81	8.0	46 51.41	58 41 12.8	1	98	2.85	11.0	46 52.75	58 40 15.9	58.5240
			63 16 44.6	1	4					[Cent. 294 G]
82	8.8	53 30.51	57 26 7.9	1	4	2.81	10.9	53 31.88	57 25 10.6	57.6431
		57 43.34	59 58 24.4	— 2	2					Centauri

ZONA 32 A

Abril 4 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		9 ^b 53 ^m 48 ^s 02	57° 44' 0".5	— 1	9	— 1 ^s 46	+ 17 ^s 0	9 ^b 56 ^m 22 ^s 23	57° 42' 58".1	[Argus] 57° 25' 10
2		56 19.76	57 18 20.7	— 2	4	1.49	17.0	59 19.29	57 17 17.1	57.2558
3		59 16.84	58 49 25.6	— 1	6	1.51	17.0	10 1 31.49	58 48 24.0	58.1864
4		10 1 29.07	57 58 9.7	— 2	5	1.53	17.0	4 48.03	57 57 6.9	57.2693
5		4 45.63	57 39 11.3	— 1	6	1.57	17.0	8 46.42	57 38 8.3	57.2781
6		8 44.06	57 18 36.2	— 2	1	1.57	17.0	10 40.64	57 17 32.1	57.2821
7		10 38.28	58 26 15.9	1	14	1.61	17.0	13 37.23	58 25 15.0	58.2049
8		13 34.90	58 43 51.3	— 2	7	1.63	17.0	16 38.56	58 42 49.7	58.2095
9		16 36.26	58 21 48.8	1	7	1.65	17.0	18 57.86	58 20 46.8	58.2136
10		18 55.58	58 9 24.8	— 1	6	1.67	16.9	21 52.32	58 8 22.4	57.3164
		21 50.06	58 19 2.1	— 1	7					Carinae
		24 40.99	58 17 0.2	2	4	1.72	16.9	27 50.95	58 15 57.7	58.2268
11		27 48.74	57 45 49.6	0	5	1.73	16.9	30 10.18	57 44 46.7	57.3431
12		30 7.99	57 45 52.9	0	5	1.75	16.9	32 25.15	57 44 49.9	57.3499
13		32 22.98	58 38 40.2	— 2	3	1.77	16.9	34 47.77	58 37 38.1	58.2434
14		34 45.62	57 30 13.3	0	8	1.79	16.9	37 31.73	57 29 11.0	57.3663
15		37 29.59	63 57 30.5	2	17					Argus
		39 51.05	58 52 56.4	— 3	10	1.84	16.8	42 51.02	58 51 55.7	58.2692
16		42 48.94	57 31 55.2	1	5	1.85	16.8	45 44.02	57 30 52.0	57.3838
17		45 41.94	58 42 44.3	— 3	0	1.88	16.7	48 5.35	58 41 41.9	58.2795
18		48 3.31	58 27 12.2	2	3	1.89	16.7	49 52.63	58 26 9.8	58.2830
19		49 50.59	57 32 58.8	— 3	97	1.91	16.7	54 59.24	57 31 54.7	57.4035
20		54 57.23	58 32 19.5	2	3	1.94	16.6	56 49.35	58 31 17.4	58.2926
21		56 47.37	57 26 51.9	1	96	1.94	16.6	58 45.91	57 25 48.6	57.4119
22		58 43.93	58 34 16.6	— 1	5	1.98	16.6	11 1 20.67	58 33 15.0	58.3039

ZONA 32 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
			58°31'33.4	1	9					(209)
24		11 ^a 7 ^m 42.43	58 53 44.7	- 2	14	- 2.03	+16.5	11 ^b 7 ^m 44.31	58°52'44.9	58°3253
25		9 45.35	59 10 4.0	0	14	2.05	16.4	9 47.21	59 9 4.5	58.3315
26		11 17.77	57 48 28.2	- 2	2	2.04	16.5	11 19.65	57 47 25.4	57.4486
27		13 38.34	58 39 9.5	- 1	6	2.07	16.4	13 40.18	58 38 8.3	58.3424
		17 2.93	54 2 18.3	2	1					Centauri
28		20 29.30	57 43 33.5	- 2	8	2.10	16.3	20 31.20	57 42 31.6	57.4667
29		22 5.35	58 53 50.5	- 2	92	2.13	16.2	22 7.13	58 52 47.7	58.3605
30		24 35.29	57 41 6.6	1	14	2.13	16.2	24 37.07	57 40 5.6	57.4730
31		26 45.74	58 21 15.7	1	3	2.15	16.2	26 47.51	58 20 13.8	58.3677
32		29 35.86	57 11 15.1	1	2	2.15	16.2	29 37.63	57 10 11.8	56.4596
		31 46.77	62 33 33.2	- 2	6					Centauri
33		33 56.18	58 9 39.1	- 1	2	2.20	16.0	33 57.89	58 8 37.1	57.4878
34		35 57.11	58 32 32.6	2	5	2.22	16.0	35 58.80	58 31 30.5	58.3778
35		38 6.69	57 6 20.8	1	0	2.20	16.0	38 8.40	57 5 17.3	58.4706
36		40 35.97	58 53 31.6	- 2	11	2.26	15.8	40 37.62	58 52 32.0	58.3821
37		42 13.92	57 34 13.8	- 1	5	2.24	15.9	42 15.59	57 33 11.7	57.4979
38			58 53 32.5	- 2	3		15.7		58 52 31.8	58.3875
39		48 46.72	57 47 31.7	- 3	98	2.29	15.7	48 48.33	57 46 29.1	57.5076
40		52 5.90	58 21 34.2	1	98	2.32	15.6	52 7.49	58 20 32.3	58.3939
41		54 25.83	59 11 11.9	1	0	2.36	15.5	54 27.37	59 10 11.4	58.3978
42		57 10.51	58 1 17.5	1	98	2.34	15.5	57 12.08	58 0 16.2	57.5199
43		59 32.65	58 15 36.7	0	10	2.36	15.4	59 34.20	58 14 35.6	58.4048
44		12 1 50.92	58 40 57.7	0	5	2.39	15.3	12 1 52.43	58 39 57.4	58.4079
		3 52.04	50 15 46.6	0	9					Centauri
45	8.6	6 27.44	57 16 50.9	1	8	2.38	15.3	6 28.96	57 15 49.5	57.5299
46		8 17.53	59 11 37.2	1	98	2.44	15.1	8 18.98	59 10 36.8	58.4164
47		10 32.76	58 17 14.4	2	3	2.43	15.1	10 34.23	58 16 13.6	58.4189
48	8.8	12 31.69	57 14 26.5	- 1	3	2.41	15.1	12 33.18	57 13 24.6	57.5372
49		14 41.06	58 49 49.9	- 1	0	2.47	14.9	14 42.48	58 48 49.5	58.4212
50		16 10.15	58 38 31.7	- 2	83	2.47	14.9	16 11.57	58 37 28.7	58.4226
51		18 8.42	59 9 43.4	- 1	4	2.50	14.8	18 9.81	59 8 44.1	58.4245
52		20 5.68	57 39 34.8	- 1	4	2.46	14.9	20 7.11	57 38 33.7	57.5451
53	8.2	24 9.18	58 16 40.0	1	2	2.50	14.7	24 10.58	58 15 39.4	58.4313
		26 21.86	56 39 1.8	- 1	73					Crucis
54		28 30.63	57 15 31.4	0	6	2.50	14.6	28 32.03	57 14 30.3	57.5547
55		30 36.69	57 29 23.7	- 1	2	2.52	14.5	30 38.07	57 28 22.5	57.5574
56		32 46.47	57 37 56.2	- 3	4	2.53	14.5	32 41.83	57 36 55.5	57.5600
57		35 4.45	59 7 49.1	- 3	1	2.59	14.2	35 5.75	59 6 49.9	58.4426
58		37 5.65	57 19 13.9	- 1	4	2.54	14.3	37 6.41	57 18 12.9	57.5644
59	8.8	38 53.02	58 52 53.1	- 3	3	2.60	14.1	38 54.31	58 51 54.0	58.4458
60	8.8	40 45.96	57 45 25.9	0	0	2.57	14.2	40 47.28	57 44 25.0	57.5686
		42 39.93	59 14 5.2	- 1	7					Crucis
61		44 55.48	57 33 52.2	- 2	3	2.59	14.6	44 56.78	57 32 51.6	57.5735
62	8.9	46 59.34	58 3 49.2	- 2	14	2.61	13.9	47 0.62	58 2 50.9	57.5755
63		49 14.97	57 58 50.1	- 2	1	2.62	13.8	49 16.24	57 57 50.0	57.5776
64		51 21.76	59 2 39.6	2	8	2.67	13.7	51 22.97	59 1 41.8	58.4601
65		53 11.01	58 1 17.9	1	10	2.64	13.7	53 12.26	58 0 19.1	57.5817
66	8.5	55 12.35	58 30 8.9	0	99	2.67	13.6	55 13.57	58 29 9.3	58.4636
67		57 48.63	59 9 44.8	- 1	16	2.71	13.4	57 49.80	59 8 48.6	58.4659
68	8.8	13 2 17.14	58 24 56.3	- 1	7	2.70	13.3	13 2 18.33	58 23 58.0	58.4699
69		5 4.86	57 18 9.6	- 2	2	2.67	13.3	5 6.08	57 17 9.3	57.5921
70		7 7.47	58 12 34.2	2	6	2.71	13.1	7 8.65	58 11 35.6	57.5944
			67 27 6.1	2	5					[Crucis]
71	8.6	11 57.63	58 21 24.1	1	99	2.74	12.9	11 58.78	58 20 24.9	58.4771
72		13 51.12	59 2 8.1	2	1	2.77	12.8	13 52.23	59 1 9.8	58.4798
73		18 59.87	58 23 26.3	- 2	9	2.76	12.6	19 0.98	58 23 29.0	58.4848

ZONA 32 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
74		13 ^h 20 ^m 47 ^s .60	57° 38' 48".3	— 2	92	—2".74	+12".7	13 ^h 20 48".82	57° 37' 47".6	57° 60' 48"
75		22 45.35	59 6 4.0	1	7	2.81	12.4	22 46.41	59 5 7.4	58.4889
76		24 50.40	58 14 9.6	— 1	2	2.78	12.4	24 51.50	58 13 11.3	58.4909
77		27 13.54	58 48 50.3	— 2	8	2.81	12.2	27 14.60	58 47 53.7	58.4929
78		29 23.72	58 22 42.9	— 3	0	2.80	12.2	29 24.80	58 21 44.7	58.4950
79		32 27.36	57 59 31.6	— 1	0	2.80	12.1	32 28.44	57 58 33.0	57.6169
		34 24.54	53 2 51.0	— 3	0					β Centauri
80			58 12 3.0	2	4		11.9		58 11 5.4	57.6211
81		38 10.67	58 49 6.3	— 1	0	2.85	11.7	38 11.69	58 48 9.1	58.5092
82		40 5.27	58 9 36.1	— 1	3	2.83	11.7	40 6.32	58 8 38.5	57.6259
83		42 48.52	59 4 53.9	— 1	10	2.88	11.5	42 49.51	59 3 58.7	58.5185
84		44 45.66	58 5 16.3	0	4	2.84	11.5	44 46.70	58 4 19.0	57.6324
85		46 51.76	58 41 12.3	1	3	2.85	11.3	46 52.78	58 40 15.8	58.5240
		51 23.92	63 16 44.8	1	10					[Centa. 294 G]
86		53 30.95	57 26 8.6	1	99	2.83	11.2	53 32.00	57 25 10.1	57.6431
		57 43.75	59 58 25.3	— 2	1					β Centauri

ZONA 33 A

Abril 5 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		10 ^h 8 ^m 44 ^s .40	57° 39' 11".0	— 1	4	—1".54	+17".2	10 ^h 8 ^m 46".55	57° 38' 8.0	57° 27' 81"
2			57 18 36.6	— 2	97		17.2		57 17 32.1	57.2821
3		13 35.10	58 26 16.9	1	2	1.58	17.2	13 37.21	58 25 14.5	58.2049
4		18 55.72	58 21 48.4	1	7	1.61	17.2	18 57.79	58 20 46.7	58.2136
5		21 50.13	58 9 25.3	— 1	1	1.65	17.2	21 52.16	58 8 22.4	57.3164
		24 41.06	58 19 2.6	— 1	1					8 Carinae
6		27 49.06	58 16 59.0	1	5	1.70	17.2	27 51.04	58 15 56.9	58.2268
7		30 8.05	57 45 49.8	0	5	1.71	17.2	30 10.02	57 44 47.1	57.3431
8		32 23.11	57 45 53.5	0	2	1.73	17.2	32 25.06	57 44 50.3	57.3499
9		34 45.98	58 38 38.2	— 2	9	1.75	17.1	34 47.91	58 37 37.2	58.2434
10		37 29.79	57 30 14.0	0	96	1.77	17.1	37 31.70	57 29 9.8	57.3663
		39 51.35	63 57 29.8	2	17					9 Argus
11		42 49.29	58 52 57.3	— 3	2	1.82	17.1	42 51.15	58 51 55.6	58.2692
12		45 42.29	57 31 55.5	1	0	1.83	17.1	45 44.14	57 30 52.0	57.3838
13		48 3.71	58 42 43.5	— 3	2	1.86	17.0	48 5.52	58 41 41.6	58.2795
14		49 50.66	58 27 10.8	2	5	1.87	17.0	49 52.47	58 26 9.1	58.2830
15		54 57.38	57 32 57.1	— 3	3	1.90	17.0	54 59.15	57 31 54.1	57.4035
16			58 32 19.4	2	0		16.9		58 31 17.2	58.2926
17		58 44.18	57 26 51.0	1	2	1.93	16.9	58 45.92	57 25 47.7	57.4119
18		11 1 19.06	58 34 17.1	— 1	0	1.96	16.9	11 1 20.77	58 33 14.9	58.3039
			58 31 34.0	1	6					(209)
		7 42.49	58 53 46.0	— 2	2	2.01	16.8	7 44.15	58 52 44.5	58.3253
19		9 45.73	59 10 3.2	0	13	2.03	16.7	9 47.36	59 9 3.7	58.3315
20		11 18.10	57 48 27.0	— 2	11	2.02	16.8	11 19.75	57 47 25.6	57.4486
21		13 38.65	58 39 9.1	— 1	4	2.05	16.7	13 40.27	58 38 7.8	58.3424

ZONA 33 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
23		11 ^h 17 ^m 3 ^s 17	54° 2' 18.7	2	97					π Centauri
24		20 29.72	57 43 33.5	— 2	6	-2.09	+16.6	11 ^h 20 ^m 31 ^s 30	57° 42' 3.26	57.4667
25		22 5.82	58 53 49.4	— 2	0	2.12	16.5	22 7.37	58 52 47.9	58.3605
26		24 35.60	57 41 8.6	1	99	2.12	16.5	24 37.15	57 40 5.5	57.4730
27		26 46.03	58 21 14.8	1	7	2.14	16.5	26 47.56	58 20 13.7	58.3677
28		29 36.07	57 11 14.0	1	6	2.14	16.5	29 37.60	57 10 11.4	56.4596
29		31 47.12	62 33 35.6	— 2	95					γ Centauri
30		33 56.42	58 9 37.9	— 1	10	2.19	16.3	33 57.89	58 8 37.3	57.4878
31		35 57.44	58 32 31.9	— 3	0	2.21	16.3	35 58.89	58 31 31.6	58.3778
32		38 6.95	57 6 22.3	1	88	2.20	16.3	38 8.41	57 5 17.3	56.4706
33		40 36.25	58 53 31.5	— 2	10	2.25	16.2	40 37.66	58 52 31.8	58.3821
34		42 14.21	57 34 14.7	— 1	0	2.23	16.2	42 15.64	57 33 12.0	57.4979
35		45 57.03	58 53 30.8	— 2	15	2.29	16.0	45 58.40	58 52 32.0	58.3875
36		48 47.02	57 47 32.4	— 3	96	2.29	16.0	48 48.39	57 46 29.6	57.5076
37		52 6.17	58 21 33.0	1	7	2.31	15.9	52 7.52	58 20 32.6	58.3939
38		54 26.15	59 11 10.9	1	5	2.35	15.8	54 27.45	59 10 11.2	58.3978
39		57 10.67	58 1 18.5	1	5	2.34	15.8	57 12.00	58 0 17.5	57.5199
40		59 32.97	58 15 38.3	0	5	2.36	15.7	59 34.27	58 14 37.6	58.4048
41		12 1 51.22	58 40 56.4	0	10	2.38	16.6	12 1 52.50	58 39 57.0	58.4079
42		3 52.17	50 15 47.7	0	0					δ Centauri
43	8.8	9 22.72	57 28 59.5	— 2	2	2.40	15.5	9 23.97	57 27 57.7	57.5338
44	9.0	10 57.21	58 43 13.4	— 2	7	2.44	15.4	10 58.42	58 42 14.0	58.4192
45	9.0	12 59.58	57 42 12.1	2	13	2.43	15.4	12 0.80	57 41 12.3	57.5375
46		14 41.09	58 55 23.4	0	19	2.44	15.3	14 42.30	58 54 26.0	58.4213
47	8.6	17 6.01	57 24 49.5	— 1	5	2.44	15.3	17 7.22	57 23 48.3	57.5418
48		18 54.79	57 28 37.9	— 2	22	2.45	15.2	18 55.99	57 27 39.4	57.5434
49		19 48.07	58 20 8.8	0	90	2.47	14.7	19 49.25	58 19 7.2	58.4263
50		24 56.01	62 38 15.6	— 2	0					α Crucis
51		29 10.78	57 46 54.4	1	2	2.50	14.8	24 57.16	57 45 53.6	57.5512
52		32 19.75	56 38 55.7	— 2	8					γ Crucis
53	8.9	35 2.84	58 47 59.9	— 3	2	2.55	14.8	29 11.88	58 47 0.4	58.4368
54	8.9	36 33.80	57 24 55.9	— 1	90	2.53	14.8	32 20.87	57 23 53.0	57.5594
55		37 50.25	57 17 57.0	— 3	0	2.53	14.7	35 3.96	57 16 55.6	57.5620
56		38 53.24	58 28 5.0	— 2	3	2.58	14.6	36 34.87	58 27 5.5	58.4438
57		40 44.43	58 1 25.1	1	4	2.57	14.6	37 51.34	58 0 26.2	57.5652
58		42 40.31	58 52 54.7	— 3	10	2.61	14.5	38 54.28	58 51 55.8	58.4458
59		46 10.64	57 46 29.1	1	14	2.58	14.5	40 45.50	57 45 28.4	57.5685
60		48 20.08	59 14 4.6	— 1	8					β Crucis
61		51 50.22	58 37 12.3	2	7	2.64	14.2	46 11.64	58 36 13.8	58.4550
62		53 13.66	57 28 42.3	— 2	10	2.61	14.3	48 21.11	57 27 42.9	57.5768
63		55 20.68	58 35 3.8	0	98	2.66	14.0	51 51.20	58 34 4.2	58.4607
64		58 21.78	57 52 52.5	— 3	10	2.64	14.0	53 14.67	57 51 53.9	57.5820
65			59 7 58.6	— 3	16	2.70	13.8	55 21.61	59 7 2.5	58.4639
66			57 14 24.4	— 1	4	2.69	13.9	58 22.72	57 13 24.1	57.5865

ZONA 34 A

Abril 9 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		9 ^b 53 ^m 49 ^s 76	54 10 32.2	0	35					[? Argus]
2		56 21.49	57 44 0.5	- 1	7	-1.34	+18.1	9 ^b 56 ^m 22 ^s 17	57° 42' 57.8	57° 25' 10
3		59 18.59	57 18 20.1	- 2	4	1.37	18.1	59 19.24	57 17 16.4	57.2558
4	10	1 30.74	58 49 25.3	- 1	6	1.38	18.2	10 1 31.38	58 48 23.7	58.1864
5		4 47.33	57 58 9.8	- 2	0	1.41	18.2	4 47.94	57 57 6.3	57.2693
6		8 45.82	57 39 10.5	- 1	8	1.45	18.2	8 46.39	57 38 7.8	57.2781
7		10 39.86	57 18 35.6	- 2	4	1.46	18.2	10 40.42	57 17 31.8	57.2821
8		13 36.61	58 26 16.8	1	1	1.49	18.2	13 37.13	58 25 13.9	58.2049
9		16 37.81	58 43 52.6	- 2	95	1.51	18.2	16 38.32	58 42 49.2	58.2095
10		18 57.17	58 21 48.9	1	6	1.53	18.2	18 57.64	58 20 46.8	58.2136
		21 51.66	58 9 24.9	- 1	3	1.56	18.3	21 52.10	58 8 21.9	57.3164
		24 42.73	58 19 2.8	- 1	3					8 Carinae
11		27 50.51	58 16 59.5	1	2	1.61	18.2	27 50.90	58 15 56.6	58.2268
12			57 45 50.7	0	0				57 44 46.9	57.3431
13		32 24.53	57 45 53.0	0	5	1.65	18.2	32 24.89	57 44 50.0	57.3499
14		34 47.52	58 38 39.9	- 2	2	1.67	18.2	34 47.86	58 37 37.5	58.2434
15		37 31.16	57 30 15.0	0	98	1.69	18.2	37 31.48	57 29 10.7	57.3663
		39 52.99	63 57 31.9	2	6					9 Argus
16		42 50.68	58 52 56.5	- 3	7	1.74	18.1	42 50.95	58 51 55.1	58.2692
17		45 43.63	57 31 56.7	1	95	1.76	18.1	45 43.88	57 30 52.0	57.3838
18		48 5.18	58 42 45.5	- 3	88	1.79	18.1	48 5.40	58 41 41.1	58.2795
19		52 43.18	57 36 38.8	1	0	1.82	18.1	52 43.37	57 35 35.0	57.3978
20		54 58.97	57 32 57.9	- 3	2	1.83	10.1	54 59.14	57 31 54.2	57.4035
21			58 32 18.2	2	9				58 31 16.9	58.2926
22		58 45.66	57 26 50.6	1	4	1.86	18.0	58 45.80	57 25 47.3	57.4119
23	11	1 20.70	58 34 15.8	- 1	7	1.90	18.0	11 1 20.80	58 33 14.2	58.3039
		4 54.59	58 31 32.7	1	14					(209)
24		7 43.99	58 53 47.5	- 2	96	1.96	17.9	7 44.03	58 52 44.7	58.3253
25		9 47.05	59 10 5.3	0	0	1.98	17.9	9 47.07	59 9 3.1	58.3315
26		11 19.42	57 48 27.9	- 2	5	1.97	17.9	11 19.45	57 47 25.2	57.4486
27		13 40.06	58 39 9.0	- 1	5	2.00	17.9	13 40.06	58 38 7.3	58.3424
			54 2 16.9	2	10					π Centauri
28		20 31.17	57 43 33.3	- 2	8	2.04	17.8	20 31.13	57 42 31.1	57.4667
29		24 37.01	57 41 8.8	1	2	2.07	17.7	24 36.93	57 40 5.8	57.4730
30		26 47.55	58 21 13.7	1	15	2.10	17.7	26 47.44	58 20 13.7	58.3677
31			57 11 14.9	1	5		17.6		59 10 11.8	56.4596
		31 48.65	62 33 35.2	- 2	0					γ Centauri
32		35 58.89	58 32 33.0	- 3	3	2.14	17.6	35 58.73	58 31 31.1	58.3778
33		38 8.45	57 6 19.1	1	8	2.17	17.5	38 8.26	57 5 16.5	56.4706
34		40 37.76	58 53 31.9	- 2	3	2.22	17.4	40 37.53	58 52 30.7	58.3821
35		42 15.74	57 34 12.1	- 1	18	2.20	17.4	42 15.53	57 33 11.6	57.4979
36		45 58.53	58 53 32.3	- 2	2	2.26	17.3	45 58.26	58 52 31.1	58.3875
37		48 48.56	57 47 30.4	- 3	5	2.25	17.2	48 48.30	57 46 28.3	57.5076
38		52 7.58	58 21 34.9	1	99	2.29	17.1	52 7.27	58 20 32.9	58.3959
39		54 27.55	59 11 12.0	1	98	2.33	17.0	54 27.20	59 10 10.9	58.3978
40		59 18.48	58 17 4.5	2	98	2.34	17.0	59 18.12	58 16 2.4	58.4044
41			58 40 57.5	0	0		16.9		58 39 56.3	58.4079
			50 15 46.4	0	4					δ Centauri

ZONA 35 A

Abril 12 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microsc.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		9 ^h 53 ^m 50 ^s 57	54' 10' 35".4	0	14					[γ Argus]
1		57 30.15	58 36 48.5	1	2	-1.26	+18".8	9 ^h 57 ^m 29 ^s 97	58° 35' 45".5	58.1779
2			59 5 36.0	0	18		18.8		59 4 35.7	58.1856
3		10 3 7.80	57 29 56.8	-1	2	1.32	18.8	10 3 7.55	57 28 52.4	57.2643
4		5 21.12	57 47 39.8	-3	4	1.34	18.8	5 20.86	57 46 35.9	57.2703
5		8 0.15	58 44 50.6	-1	9	1.32	18.9	7 59.87	58 43 48.5	58.1967
6		10 23.75	58 48 37.1	-2	0	1.38	18.5	10 23.45	58 47 35.1	58.2010
7		12 15.64	57 26 36.0	1	1	1.40	18.9	12 15.32	57 25 31.3	57.2873
8		14 35.05	58 20 57.0	0	99	1.42	18.9	14 34.70	58 19 53.0	58.2063
9		19 4.43	57 50 57.1	0	8	1.46	18.9	19 4.04	57 49 53.9	57.3069
10		20 51.08	59 5 40.5	0	8	1.48	18.9	20 50.66	59 4 38.7	58.2163
		24 43.60	58 19 2.5	-1	8					δ Carinae
11		27 55.21	57 37 30.8	-3	2	1.54	18.9	27 54.74	57 36 26.3	57.3366
12		29 34.76	58 14 27.8	-1	4	1.56	18.9	29 34.26	58 13 24.4	58.2285
13		31 47.46	57 15 0.4	0	2	1.58	18.9	31 46.95	57 13 55.6	57.3472
14		34 10.69	58 18 16.0	-2	99	1.60	18.9	34 10.15	58 17 11.9	58.2411
15		35 43.07	58 23 12.9	-2	0	1.61	18.9	35 42.52	58 22 9.1	58.2474
		39 53.81	63 57 33.5	2	4					θ Argus
16		42 23.25	58 58 20.7	-2	2	1.68	18.9	42 22.64	58 57 17.8	58.2680
17		44 30.65	58 15 46.5	0	90	1.69	18.9	44 30.02	58 14 41.1	58.2717
18			58 53 9.8	-2	98		18.9		58 52 6.3	58.2755
19		48 55.74	57 48 46.8	-2	0	1.73	18.9	48 55.08	57 47 42.4	57.3909
20		52 33.17	59 4 59.1	-1	95	1.76	18.9	52 32.47	59 3 55.5	58.2873
21		55 42.18	57 14 16.0	-1	98	1.79	18.8	55 41.45	57 13 10.9	57.4048
22		58 11.61	57 44 50.9	-1	9	1.81	18.8	58 10.86	57 43 47.7	57.4109
23			57 30 34.8	0	99		18.8		57 29 29.9	57.4174
24			58 23 48.6	-2	6		18.8		58 22 45.8	58.3103
			58 31 36.6	1	98					(209)
25		11 9 48.01	59 10 6.9	0	96	1.93	18.7	11 9 47.13	59 9 3.6	58.3315
26		12 2.80	58 26 13.5	1	0	1.94	18.7	12 1 91	58 25 10.0	58.3388
27		14 55.16	57 44 1.9	-1	3	1.95	18.7	14 54 27	57 42 58.1	57.4555
28		17 5.72	54 2 20.6	2	96					π Centauri
29		19 25.85	58 20 5.8	0	96	2.00	18.6	19 24.90	58 18 56.7	58.3550
30		21 8.50	59 11 45.8	1	10	2.03	18.6	21 7.52	59 10 44.9	58.3587
31		23 55.60	58 13 26.5	-2	11	2.04	18.6	23 54.61	58 12 24.5	57.4716
32		25 23.51	57 22 36.7	-3	90	2.04	18.5	25 22.53	57 21 30.6	57.4745
		27 50.93	59 3 30.0	-2	0	2.08	18.5	27 49.90	59 2 27.5	58.3693
33		31 49.65	62 33 35.3	-2	6					λ Centauri
34		35 5.43	57 16 50.4	1	4	2.12	18.4	35 4.36	57 15 46.5	57.4894
35		38 9.40	57 6 21.5	1	2	2.14	18.3	38 8.30	57 5 17.1	56.4706
36		43 59.04	57 45 36.8	0	98	2.19	18.2	43 57.90	57 44 32.7	57.5008
37		46 29.76	57 22 13.0	2	6	2.21	18.2	46 28.60	57 21 9.7	57.5042
38		48 49.45	57 47 32.8	-3	97	2.23	18.1	48 48.27	57 46 28.7	57.5076
39		52 37.59	57 51 24.3	1	0	2.26	18.0	52 36.38	57 50 20.8	57.5123
40		54 42.72	57 59 4.4	-1	8	2.28	18.0	54 41.48	57 58 2.3	57.5155
41		56 28.63	57 36 33.9	1	2	2.29	18.0	56 26.79	57 35 30.5	57.5179
		12 0 20.42	58 47 28.7	-3	3	2.35	17.8	12 0 19.12	58 46 26.9	58.4058
42			50 15 48.4	0	2					δ Centauri
43		9 25.19	57 29 0.6	-1	99	2.38	17.6	9 23.85	57 27 57.2	57.5338
44			58 43 15.2	-2	0		17.5		58 42 13.2	58.4192
45		13 2.14	57 42 14.8	2	1	2.41	17.5	13 0.77	57 41 12.0	57.5375
		14 43.54	58 55 26.8	0	3	2.46	17.4	14 42.12	58 54 25.6	58.4213

ZONA 35 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
46		12 ^h 16 ^m 41 ^s .01	57° 24' 25".5	— 1	0	-2 ^s .43	+17".4	12 ^h 16 ^m 40 ^s .52	57° 23' 22".1	57° 54' 15"
47		18 57.42	57 28 42.3	— 2	95	2.45	17.4	18 56.01	57 27 38.3	57.5434
48		24 58.42	67 38 16.7	— 2	0	2.50	17.2	24 56.96	57 45 53.3	z Cruceis
			57 46 55.3	— 1	4					57.5512
49		26 30.67	56 39 0.3	— 1	92	2.56	17.0	26 11.78	58 46 59.8	γ Cruceis
			58 48 1.8	— 2	95					58.4368
50		29 13.30	57 24 57.3	— 1	90				57 23 53.0	57.5594
51			57 17 57.6	— 3	2				57 16 54.8	57.5620
52		36 36.36	58 28 6.5	— 2	5	2.60	16.8	36 34.79	58 27 5.8	58.4438
53		38 55.71	58 52 56.5	— 3	87	2.63	16.7	38 54.12	58 51 53.7	58.4458
54		40 46.94	57 46 32.0	— 1	3	2.61	16.7	40 45.36	57 45 30.3	57.5685
			59 14 7.4	— 1	1					δ Cruceis
55		46 13.17	58 37 14.7	— 2	0	2.67	16.4	46 11.53	58 36 13.8	58.4550
56		48 22.54	57 28 44.8	— 2	1	2.65	16.4	48 20.92	57 27 42.6	57.5768
57		51 52.62	58 35 6.6	— 0	96	2.71	16.2	51 50.94	58 34 5.3	58.4607
58		53 16.36	57 52 55.6	— 3	96	2.69	16.2	53 14.70	57 51 53.4	57.5820
59		55 23.26	59 8 2.8	— 2	95	2.75	16.0	55 21.53	59 7 2.1	58.4639
			67 27 8.9	— 2	95					ζ Muscae

ZONA 36 A

Abril 17 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		10 ^h 24 ^m 52 ^s .16	58° 18' 54".3	— 2	67	-1 ^s .44	+20".0	10 ^h 29 ^m 34 ^s .40	57° 36' 25".4	8 Carinae
			57 37 29.6	— 3	0		20.1		58 13 25.7	57° 33' 6"
2		29 37.32	58 14 28.5	— 1	5	1.47	20.0	31 46.99	57 13 55.8	58.2285
3		31 49.93	57 14 58.9	— 1	10	1.47	20.0	34 10.27	58 17 11.4	57.3472
4		34 13.24	58 18 14.3	— 2	4	1.49	20.1	35 42.59	58 22 9.2	58.2411
			58 23 12.1	— 2	3	1.50	20.1			58.2474
5		35 45.57	63 57 32.6	— 2	4				58 57 18.8	9 Argus
			58 58 21.3	— 2	1	20.1	58.2680			
6		44 33.08	58 15 44.0	— 0	4	1.59	20.1	44 30.01	58 14 41.1	58.2717
7		48 58.26	58 53 7.5	— 2	8				58 52 5.9	58.2755
			57 48 46.9	— 2	1	1.63	20.1	48 55.15	57 47 43.1	57.3909
8		52 35.70	59 4 56.9	— 1	4	1.67	20.1	52 32.54	59 3 55.0	58.2873
9		55 44.45	57 14 15.3	— 1	2	1.69	20.1	55 41.28	57 13 10.9	57.4048
10		58 14.32	57 44 55.2	— 1	80	1.72	20.1	58 11.12	57 43 48.4	57.4109
11		11 0 24.65	57 29 34.0	— 1	2	1.74	20.1	11 0 21.43	57 28 29.9	57.4174
12		2 37.54	58 23 48.4	— 2	4	1.76	20.1	2 34.29	58 22 45.7	58.3103
13		4 57.96	58 31 35.3	— 1	4				(209)	
14		7 14.84	58 0 23.1	— 0	95	1.81	20.0	7 11.54	57 59 18.6	57.4387
15		9 50.64	59 10 5.4	— 0	1	1.84	20.0	9 47.31	59 9 3.2	58.3315
16		12 5.44	58 26 12.2	— 1	3	1.85	20.0	12 2.10	58 25 9.5	58.3388
17		14 57.58	57 44 2.3	— 1	0	1.88	20.0	14 54.22	57 42 58.3	57.4555
18		17 8.11	54 2 18.9	— 2	3					π Centauri
19		19 28.48	58 20 0.3	— 0	96	1.92	19.9	19 25.07	58 18 56.5	58.3550

ZONA 36 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
20		11 ^h 21 ^m 10. ^s 98	59 11 47.6	1	94	-1.95	+19.9	11 ^h 21 ^m 7. ^s 54	59° 10' 44".6	58° 35' 8".7
21		23 58.27	58 13 31.7	- 2	81	1.97	19.9	23 54.81	58 12 25.6	57.4716
22		27 53.45	59 3 27.9	- 2	12	2.01	19.8	27 49.94	59 2 27.4	58.3693
		31 52.10	62 33 34.8	- 2	5					Centauri
23		35 8.05	57 16 51.0	1	0	2.06	19.7	35 4.50	57 15 46.7	57.4894
24		38 11.92	57 6 21.0	1	2	2.08	19.7	38 8.34	57 5 16.9	56.4706
25		44 1.45	57 45 36.7	0	98	2.14	19.6	43 57.81	57 44 32.9	57.5008
26		46 32.33	57 22 13.4	2	1	2.16	19.5	46 28.68	57 21 9.7	57.5042
27		48 51.92	57 47 31.5	- 3	3	2.18	19.5	48 48.24	57 46 28.5	57.5076
28			57 51 24.0	1	3		19.4		57 50 21.3	57.5123
29			57 59 2.8	- 1	5		19.4		57 58 0.5	57.5155
30		12 0 23.14	58 47 29.1	- 3	95	2.31	19.2	12 0 19.32	58 46 26.4	58.4058
		3 57.48	50 15 47.7	0	5					Centauri
31		6 17.26				2.35		6 13.40		58.4133
32		9 27.80	57 28 59.3	- 2	13	2.35	19.1	9 23.95	57 27 56.9	57.5338
33		11 2.35	58 43 15.2	- 2	4	2.40	19.0	10 58.44	58 42 13.9	58.4192
34		13 4.72	57 42 14.7	2	3	2.39	19.0	13 0.83	57 41 12.2	57.5375
35	9.0	14 46.22	58 55 27.1	0	98	2.44	18.9	14 42.27	58 54 25.4	58.4213
36	8.9	16 44.66	57 24 26.3	- 1	95	2.41	18.9	16 40.75	57 23 22.4	57.5415
37		18 59.83	57 28 42.2	- 2	5	2.43	18.8	18 55.90	57 27 39.9	57.5434
			62 38 16.7	- 2	4					Crucis
38	8.8	25 1.03	57 46 55.6	1	1	2.49	18.6	24 57.03	57 45 53.2	57.5512
		26 39.00	56 38 57.7	- 2	4					Crucis
39		29 15.86	58 48 2.9	- 2	91	2.55	18.5	29 11.80	58 47 0.4	58.4368
40		32 24.93	57 24 59.5	- 1	76	2.54	18.4	32 20.89	57 23 53.3	57.5594
41		35 8.04	57 17 56.5	- 3	7	2.55	18.3	35 3.98	57 16 54.7	57.5620
42		36 38.95	58 28 9.5	- 2	87	2.60	18.2	36 34.84	58 27 6.3	58.4438
43		38 58.54	58 52 54.0	- 3	4	2.63	18.1	38 54.39	58 51 53.9	58.4458
44		40 49.69	57 46 32.9	1	97	2.61	18.1	40 45.56	57 45 30.5	57.5685
		42 51.71	59 14 6.0	- 1	12					Crucis
45		46 15.77	58 37 13.0	2	16	2.68	17.9	46 11.58	58 36 14.5	58.4550
46		48 25.23	57 28 45.2	- 2	6	2.66	17.9	48 21.06	57 27 43.0	57.5768
47		51 55.16	58 35 4.9	0	4	2.72	17.7	51 50.93	58 34 3.6	58.4607
48		53 19.01	57 52 54.3	- 3	10	2.71	17.7	53 14.78	57 51 54.2	57.5820
49		55 25.79	59 8 3.0	- 2	96	2.77	17.5	55 21.50	59 7 2.6	58.4639
50			57 14 31.2	- 1	70		17.5		57 13 24.7	57.5865
51		13 3 1.93	57 21 27.7	1	72	2.76	17.4	13 2 57.66	57 20 21.9	57.5907
52		7 30.17	57 13 27.9	- 2	14	2.78	17.2	7 25.87	57 12 28.2	57.5946
			67 27 7.7	2	1					[6 Muscae]
53		13 8.69	57 42 2.9	2	0	2.84	16.9	13 4.33	57 41 2.0	57.5981
54		14 35.73	58 54 48.1	- 1	94	2.90	16.8	14 31.30	58 53 45.9	58.4808
55		17 48.15	58 33 17.0	- 2	75	2.90	16.7	17 43.73	58 32 13.8	58.4835
56		20 1.69	58 17 0.7	2	90	2.91	16.6	19 57.25	58 15 59.4	58.4862
57		22 34.04	57 40 19.4	0	15	2.90	16.5	22 29.62	57 39 21.0	57.6065
58		28 33.26	58 30 9.8	0	85	2.97	16.2	28 28.76	58 29 8.3	58.4939
59		32 1.05	58 32 42.6	- 3	2	2.99	16.0	31 56.55	58 31 43.8	58.4980
		34 30.16	53 2 51.5	- 3	6					Centauri
60		36 50.96	57 26 5.2	1	2	2.97	15.9	36 52.47	57 25 5.4	57.6214
61		39 32.43	57 47 38.0	- 3	96	3.00	15.7	39 27.90	57 46 37.8	57.6252
62		40 27.35	57 31 3.2	1	8	3.03	15.4	40 32.79	57 30 4.8	57.6355
63		49 32.66	58 13 42.3	- 2	5	3.08	15.2	49 28.04	58 12 44.5	58.5274
		51 29.75	63 16 46.5	1	3					[Cent. 29 G]
64		54 4.99	58 38 38.3	- 2	91	3.13	14.9	54 0.33	58 37 39.2	58.5318
		57 49.39	59 58 27.1	- 2	0					Centauri

ZONA 37 A

Abril 19 de 1914

FELIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.	A. R. 1914.0	Decl. 1914.0	C. P. D.
		12 ^h 3 ^m 58.26	50' 15" 49.9	0	2				δ Centauri
1	8.9	7 5.28	58 16 45.4	1	2	-2.34 +19.7	12 ^h 7 ^m 0.55	58° 15' 41.2	58.4147
2		9 32.50	58 56 11.9	1	96	2.37 19.6	9 27.73	58 55 7.6	58.4174
3	8.7	12 3.80	58 34 0.7	- 1	6	2.39 19.5	11 59.01	58 32 57.6	58.4197
4	8.7	14 47.19	58 55 28.3	0	8	2.42 19.5	14 42.37	58 54 26.0	58.4213
5	8.1	17 22.27	57 57 22.3	2	6	2.42 19.4	17 17.45	57 56 18.5	57.5420
6	7.9	19 32.92	56 27 31.3	2	4	2.43 19.4	19 28.08	57 26 26.7	57.5442
			62 38 19.5	- 2	2				α Crucis
7	8.2	24 51.76	58 37 40.4	- 3	97	2.50 19.2	24 46.85	58 36 36.5	58.4324
8		26 56.38	58 57 58.9	- 3	2	2.53 19.1	26 51.44	58 56 56.1	58.4344
9	8.5	29 5.85	57 39 34.1	- 1	95	2.51 19.1	29 0.93	57 38 28.8	57.5553
10	8.8	32 7.79	59 3 6.9	- 2	95	2.58 19.0	32 2.80	59 2 3.4	58.4402
11		33 36.85	57 31 55.6	1	5	2.54 19.0	33 31.90	57 30 51.7	57.5608
12	8.8	36 39.70	58 28 8.2	- 2	4	2.60 18.8	36 34.69	58 27 5.4	58.4438
13	8.4	39 31.27	58 35 15.5	0	1	2.62 18.7	39 26.24	58 34 12.4	58.4466
		42 46.32	59 14 10.3	- 1	0				β Crucis
14	8.2	45 22.67	57 36 11.8	1	4	2.64 18.6	45 17.61	57 35 8.2	57.5738
15		49 50.27	57 15 34.3	0	92	2.66 18.4	49 45.19	57 14 28.7	57.5782
16		52 24.77	57 16 29.8	1	5	2.68 18.4	52 19.67	57 15 26.2	57.5808
17		54 54.18	58 4 3.9	- 1	18	2.73 18.2	54 49.04	58 3 3.3	57.5837
18		56 22.75	57 41 40.0	1	60	2.73 18.2	56 17.60	57 40 30.5	57.5851
19		59 38.37	58 8 27.0	- 2	0	2.77 18.0	59 33.19	58 7 24.1	57.5874
20	8.3	13 1 35.38	59 0 1.8	0	1	2.82 17.9	13 1 30.14	58 59 0.3	58.4688
21	8.8	3 44.99	59 11 59.6	1	3	2.84 17.8	3 39.74	59 10 58.5	58.4707
22		6 27.39	58 44 55.4	- 1	5	2.84 17.7	6 22.13	58 43 54.2	58.4727
			67 27 10.9	2	0				γ Muscae
23	8.5	12 20.24	57 6 49.3	1	98	2.82 17.6	12 15.01	57 5 45.2	56.5693
24	8.7	14 2.56	57 45 38.1	0	90	2.86 17.5	13 57.28	57 44 33.8	57.5986
25		15 48.46	58 16 58.5	1	7	2.89 17.4	15 43.15	58 15 57.4	58.4821
26	8.9	19 23.42	57 49 48.1	- 1	94	2.90 17.2	19 18.10	57 48 46.4	57.6031
27	8.7	21 13.58	57 18 38.8	- 2	1	2.89 17.2	21 8.26	57 17 34.8	57.6054
28	9.0	23 24.09	58 24 50.8	- 1	3	2.95 17.0	23 18.71	58 23 49.6	58.4893
29	8.6	25 43.73	58 22 59.2	- 3	99	2.96 16.9	25 38.35	58 21 57.5	58.4920
30	8.9	27 44.41	59 7 40.9	- 3	96	3.01 16.8	27 38.98	59 6 39.8	58.4932
31		29 36.90	57 56 34.5	1	0	2.97 16.8	29 31.51	57 55 32.6	57.6144
32	8.1	32 25.00	57 47 13.4	2	0	2.98 16.7	32 19.60	57 46 11.3	57.6166
		34 30.98	52 2 54.0	- 3	1				ϵ Centauri
33	9.0	37 26.69	58 29 50.2	- 1	10	3.05 16.4	37 21.21	58 28 50.8	58.5074
34		39 30.62	58 32 52.1	- 3	3	3.06 16.3	39 25.13	58 31 51.9	58.5120
35	8.9	41 46.26	58 11 24.6	1	14	3.08 16.1	41 40.76	58 10 25.6	57.6280
36		44 45.45				3.11	44 39.91		58.5205
37		47 52.50	58 1 56.3	1	3	3.09 15.9	47 46.98	58 0 55.8	57.6368
38	8.8		58 2 38.0	- 3	98			58 1 35.9	57.6394
39	7.8	51 42.76	57 18 31.5	- 2	86	3.08 15.8	51 37.24	57 17 26.9	57.6410
40		54 14.29	59 9 15.8	- 1	94	3.18 15.5	54 8.68	59 8 15.7	58.5319
			59 58 28.3	- 2	5				δ Centauri
41		14 0 48.49	57 41 6.4	1	7	3.14 15.2	14 0 42.91	57 40 6.6	57.6498

ZONA 38 A

Abril 23 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lag. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		12 ^b 0 ^m 19.63	58' 2' 8".1	2	5	-2.23	+20.9	12 ^b 0 ^m 12.87	58° 1' 2".8	57° 52.27
		4 0.41	50 15 52.7	0	92					♄ Centauri
2	8.9	7 7.47	58 16 47.1	1	97	2.30	20.8	7 0.64	58 15 41.0	58.4147
3		9 34.65	58 56 11.2	1	7	2.34	20.7	9 27.77	58 55 7.4	58.4174
4	8.6	12 5.84	58 34 4.3	-1	93	2.35	20.6	11 58.95	58 32 58.1	58.4197
5	8.9	14 49.04	58 55 30.8	0	6	2.39	20.6	14 42.11	58 54 26.2	58.4213
6	8.3	17 24.39	57 57 24.0	2	5	2.39	20.5	17 17.46	57 56 19.0	57.5420
7		19 35.08	57 27 32.2	2	8	2.40	20.5	19 28.13	57 26 27.1	57.5442
8	8.2	24 53.97	58 37 41.0	-2	9					♄ Crucis
9		26 58.68	58 58 0.1	-2	5	2.48	20.3	24 46.94	58 36 36.9	58.4324
10	8.3	29 8.00	57 39 35.2	-1	98	2.51	20.3	26 51.62	58 56 56.4	58.4344
11		32 9.92	59 3 6.2	-2	6	2.49	20.0	29 0.96	57 38 29.2	57.5553
12	8.3	33 38.95	57 31 57.3	1	2	2.56	20.1	32 2.81	59 2 2.9	58.4402
13	8.8	36 41.91	58 28 9.3	-2	4	2.53	20.1	33 31.87	57 30 51.8	57.5608
14		39 33.48	58 35 15.4	0	97	2.58	20.0	36 34.78	58 27 5.2	58.4438
		42 48.37	59 14 10.5	-1	5	2.61	19.9	39 26.32	58 34 10.5	58.4466
15	8.8	47 41.87	58 47 51.7	-3	3					♄ Crucis
16		49 52.48	57 15 36.2	0	96	2.69	19.6	47 34.62	58 46 48.3	58.4569
17	9.0	52 26.97	57 16 32.6	1	97	2.66	19.6	49 45.26	57 14 30.6	57.5782
18		54 56.18	58 4 6.5	-1	8	2.68	19.5	52 19.73	57 15 26.7	57.5808
19	8.7	56 24.97	57 41 35.1	1	3	2.73	19.4	54 48.90	58 3 3.2	57.5837
20	8.5	59 40.58	58 8 28.8	-2	98	2.73	19.3	56 17.68	57 40 30.7	57.5851
21	8.2	13 1 37.49	59 0 2.9	0	5	2.77	19.2	59 33.26	58 7 24.3	57.5874
22	8.8	3 47.16	59 12 0.4	2	6	2.82	19.1	13 1 30.11	58 59 0.5	58.4688
23		6 29.59	58 44 56.3	-1	7	2.85	19.0	3 39.76	59 10 58.5	58.4707
			67 27 12.6	2	0	2.85	18.9	6 22.18	58 43 54.2	58.4727
24		12 22.46	57 6 47.9	1	16					♄ Muscae
25	8.6	14 4.55	57 45 37.6	0	98	2.83	18.7	12 15.07	57 5 45.3	58.5693
26	9.0	15 50.61	58 17 0.7	2	1	2.87	18.6	13 57.12	57 44 33.3	57.5986
27	8.8	19 25.54	57 49 49.8	-1	93	2.91	18.5	15 43.14	58 15 57.5	58.4821
28	8.6	21 15.84	57 18 38.9	-2	98	2.92	18.4	19 18.06	57 48 45.0	57.6031
29	8.9	23 26.17	58 24 53.4	-1	95	2.91	18.4	21 8.36	57 17 34.3	57.6054
30	8.6	25 45.88	58 22 59.9	-3	1	2.97	18.2	23 18.63	58 23 49.8	58.4893
31	9.0	27 46.68	59 7 42.1	-3	97	2.99	18.1	25 38.33	58 21 57.3	58.4920
32		29 39.27	57 56 36.1	1	0	3.04	18.0	27 39.08	59 6 59.9	58.4932
33	8.2	32 27.35	57 47 14.8	2	99	3.00	17.9	29 31.71	57 55 33.0	57.6144
		34 33.29	53 2 54.6	-3	4	3.01	17.8	32 19.78	57 46 11.5	57.6166
34	8.9	37 29.05	58 29 53.6	-1	97					♄ Centauri
35		39 32.69	58 32 53.1	-3	5	3.08	17.5	37 21.40	58 28 51.1	58.5074
36		41 48.48	58 11 29.8	1	91	3.10	17.4	39 25.02	58 31 51.8	58.5120
37	8.3	44 47.73	58 57 25.1	2	3	3.10	17.3	41 40.82	58 10 26.8	57.6280
38	8.3	47 54.82	58 1 58.0	1	1	3.15	17.1	44 40.01	58 56 24.4	58.5205
39	8.8	49 59.45	59 2 38.7	2	1	3.13	17.0	47 47.12	58 0 56.1	57.6368
40	7.8	51 45.00	57 18 29.3	-2	3	3.14	16.9	49 51.74	59 1 38.1	57.6394
41		54 16.70	59 9 16.9	-1	1	3.12	16.9	51 37.30	57 17 28.1	57.6410
		57 52.36	59 58 29.9	-2	5	3.23	16.6	54 8.90	59 8 16.7	58.5319
42		14 0 50.76	57 41 8.5	1	1					♄ Centauri
43	8.7	3 36.88	58 10 57.9	0	92	3.20	16.4	14 0 42.98	57 40 6.7	57.6498
44		6 48.33	57 55 50.4	0	0	3.24	16.2	3 29.07	58 9 55.7	57.6508
45	8.9	9 18.78	58 9 32.4	-1	0	3.25	16.0	6 40.51	57 54 49.1	57.6530
46	9.0	12 4.54	58 5 11.6	0	8	3.27	15.9	9 10.94	58 8 31.6	57.6558
				0		3.28	15.7	11 56.69	58 4 11.9	57.6581

ZONA 38 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		14 ^h 14 ^m 26 ^s .19	56 ^o 0' 29.0	0	10					[² Centauri]
47	6.0	16 34.79	58 5 1.5	0	0	-3.31	+15.5	14 ^h 16 26 ^s .90	58° 4' 0.9	57.6619
48	8.8	21 47.06	58 3 41.0	- 2	99	3.34	15.2	21 39.14	58 2 40.6	57.6649
49	8.8	26 32.87	58 6 14.0	1	1	3.36	14.9	26 24.93	58 5 14.3	57.6683
50	8.8	29 23.35	57 59 30.0	- 1	94	3.37	14.7	29 15.40	57 58 29.3	57.6698
51	8.4	30 59.07	58 4 35.9	- 1	1	3.44	14.2	30 51.05	58 3 36.8	57.6712
		35 40.90	58 36 55.3	1	6					[² Circini]
52		38 39.44	58 7 43.1	- 3	99	3.43	14.1	38 31.43	58 6 43.8	57.6772
53		40 58.10	57 19 55.8	- 1	2	3.39	14.1	40 50.12	57 18 56.1	57.6785
54	9.0	47 4.93	57 59 24.6	- 1	0	3.46	13.6	46 56.88	57 58 25.9	57.6817
55	8.9	48 41.12	57 54 41.6	- 1	5	3.46	13.5	48 33.07	57 53 43.5	57.6832
56	8.3	50 40.11	57 51 34.7	1	8	3.47	13.4	50 32.05	57 50 37.2	57.6846
57	8.4	53 51.16	57 58 51.1	- 2	62	3.48	13.0	53 43.09	57 57 47.2	57.6871
58	8.4	56 32.53	57 33 38.7	- 2	3	3.47	13.0	56 24.46	57 32 40.4	57.6887
59	8.8	15 3 42.59	57 35 59.7	0	98	3.50	12.6	15 3 34.49	57 35 1.3	57.6922
60		4 55.10	57 36 37.5	1	1	3.50	12.5	4 47.00	57 35 39.6	57.6930
61	8.8	8 8.20	58 2 26.2	2	6	3.54	12.2	8 0.07	58 1 29.8	57.6957
		10 54.38	58 29 48.0	- 1	0					[³ Circini]
62	8.7	19 52.38	57 41 4.5	1	90	3.55	11.4	19 44.22	57 40 6.1	57.7046
63		22 51.91	58 4 5.1	- 1	1	3.59	11.2	22 43.72	58 3 10.0	57.7066
64		24 23.97	57 12 25.8	2	87	3.54	11.2	24 15.82	57 11 26.7	57.7072
		28 58.99	56 2 28.5	2	2					[⁴ Tr. Aust.]
65	8.5	32 15.78	57 26 19.1	1	2	3.57	10.6	32 7.60	57 25 23.0	57.7121
66	9.6	34 25.43	57 15 39.3	0	96	3.56	10.5	34 17.26	57 14 42.2	57.7141
67	8.2	36 11.70	57 51 17.8	1	94	3.61	10.3	36 3.49	57 50 21.4	57.7155
68	8.8	38 16.63	57 38 6.4	- 2	4	3.59	10.1	38 8.43	57 37 11.2	57.7184
69	8.8	40 29.37	57 31 19.9	1	97	3.59	10.0	40 21.17	57 30 23.8	57.7211
70	8.4	43 40.07	57 24 38.6	- 1	94	3.59	9.8	43 31.87	57 23 42.1	57.7264
		47 41.98	58 10 46.0	0	99					[³ Tr. Aust.]
71		51 0.28	58 3 39.0	- 2	2	3.65	9.2	50 52.02	58 2 45.0	57.7377
72	8.2	53 2.77	57 49 0.4	- 1	5	3.64	9.0	52 54.53	57 48 6.7	57.7428
73	8.8	55 18.05				3.60		55 9.83		57.7476

ZONA 39 A

Abril 30 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		12 ^h 1 ^m 27 ^s .19	58 40 24.1	0	6	-2.16	+21.6	12 ^h 1 ^m 17 ^s .00	58 39 20.3	58° 40' 7.5
2		3 32.62	58 49 57.0	- 1	97	2.18	22.6	3 22.41	58 48 52.1	58.4094
3		5 19.10	57 53 19.3	- 2	12	2.19	22.6	5 8.88	57 52 15.4	57.5277
4		7 10.74	57 47 47.5	- 3	97	2.21	22.5	7 0.50	57 46 41.4	57.5306
		10 44.66	58 17 17.6	2	10					[² Crucis]
5		13 59.36	57 43 11.8	- 2	98	2.28	22.4	13 49.05	57 42 5.3	57.5391
6		16 34.15	58 22 19.9	2	4	2.32	22.3	16 23.79	58 21 15.9	58.4230
7		19 3.01	59 4 54.5	- 1	99	2.36	22.3	18 52.61	59 3 50.5	58.4254
8		21 21.71	57 30 54.4	0	70	2.35	22.2	21 11.32	57 29 44.4	57.5462

ZONA 39 A (Conclusión)

Nº	Mag	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
60		15 ^h 18 ^m 56 ^s .07	58° 55' 52".1	0	20	-3.82	+13.1	15 ^h 18 ^m 44 ^s .15	58° 55' 0".2	58° 59' 19"
61		21 28.74	57 52 13.0	2	98	3.75	13.1	21 16.89	57 51 16.8	57.7057
62		23 57.76	57 49 36.0	-1	97	3.76	12.9	23 45.89	57 48 39.7	57.7070
63		26 27.44	57 30 45.1	0	1	3.75	12.7	26 15.59	57 29 49.1	57.7082
		29 2.73	66 2 28.7	-3	98					Tr. Aust.
64		33 2.40	58 52 26.6	-3	1	3.87	12.0	32 50.43	58 51 33.9	58.6132
65		34 37.59	58 30 43.1	0	0	3.85	12.0	34 25.64	58 29 48.9	58.6154
66		36 39.55	58 33 16.5	-2	12	3.86	11.8	36 27.59	58 32 24.2	58.6200
67		39 8.78	58 47 25.8	-3	98	3.89	11.6	38 56.79	58 46 31.9	58.6275
68		41 51.31	57 32 1.3	2	6	3.80	11.5	41 39.41	57 31 7.3	57.7230
69		43 50.51	58 41 35.9	1	97	3.90	11.2	43 38.51	58 40 42.3	58.6368
		47 45.60	63 10 45.8	0	0					Tr. Aust.
70		50 21.75	57 20 39.9	0	3	3.81	10.9	50 9.83	57 19 45.8	57.7363
71		52 32.02	57 31 22.4	1	4	3.83	10.7	52 20.08	57 30 28.9	57.7416
72		56 1.26	57 53 39.5	-2	96	3.87	10.4	55 49.28	57 52 45.6	57.7491
73		59 15.34	57 25 3.6	0	99	3.84	10.2	59 3.39	57 24 9.1	57.7543

ZONA 40 A

Mayo 1º de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		12 ^h 2 ^m 6 ^s .33	58° 18' 17".0	-2	99	-2.14	+22.8	12 ^h 1 ^m 55 ^s .83	58° 17' 10".7	58° 40' 80"
		4 4.38	50 15 50.9	0	6					Centauri
2		6 25.05	58 49 2.8	-1	92	2.20	22.8	6 14.20	58 47 56.1	58.4135
3		7 59.10	59 3 18.9	-2	8	2.22	22.8	7 48.23	59 2 14.8	58.4159
4		9 51.30	58 24 0.3	-1	3	2.23	22.7	9 40.42	58 22 54.8	58.4177
5		11 54.89	58 18 58.3	-2	95	2.26	22.7	11 43.97	58 17 51.5	58.4195
6		14 13.62	58 18 31.2	-2	98	2.28	22.6	14 2.68	58 17 24.9	58.4206
			59 56 37.7	1	5					(232)
7	8.9	20 16.86	57 53 32.9	-2	5	2.34	22.4	20 5.86	57 52 27.2	57.5450
8		22 55.33	57 51 32.8	1	6	2.36	22.4	22 44.31	57 50 27.4	57.5490
9		25 3.20	58 9 5.6	-1	5	2.39	22.4	24 52.17	58 8 0.4	57.5510
10		27 17.60	57 50 4.2	0	97	2.41	22.3	27 6.53	57 48 57.5	57.5536
11		29 51.03	57 52 32.6	-3	0	2.44	22.3	29 39.93	57 51 26.4	57.5560
			68 40 33.4	0	6					Muscae
12	8.5	35 16.69	59 7 55.2	-3	2	2.53	22.2	35 5.50	59 6 50.9	58.4426
13		37 0.66	57 48 36.0	-2	90	2.51	22.1	36 49.49	57 47 28.5	57.5643
14		39 5.32	58 52 59.9	-3	96	2.56	22.0	38 54.10	58 51 54.6	58.4458
15		41 4.38	58 2 48.8	-3	5	2.56	22.0	40 53.16	58 1 43.8	57.5690
			59 14 10.1	-1	8					Crucis
16	8.9	46 49.60	57 47 59.2	-3	4	2.61	21.8	46 38.32	57 46 53.9	57.5750
17		48 49.96	57 12 36.4	-3	1	2.62	21.7	48 38.67	57 11 30.1	56.5482
18		53 34.15	57 48 35.1	-2	99	2.67	21.6	53 22.81	57 47 29.4	57.5823
19	8.8	56 13.27	59 0 56.5	0	96	2.75	21.5	56 1.85	58 59 52.0	58.4643
20		58 50.49	58 31 37.9	1	2	2.76	21.4	58 39.06	58 30 33.8	58.4668

ZONA 40 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
21		13 ^h 1 ^m 22 ^s 93	59° 9' 9".9	— 1	98	— 2 ^s 81	+ 21 ^s 3	13 ^h 1 ^m 11 ^s 45	59° 8' 5".9	58.4683
22		4 21.86	57 19 45.7	— 1	0	2.77	21.2	4 10.42	57 18 39.9	57.5916 (249)
		7 6.28	59 28 49.5	— 2	9					58.4763
23		11 8.62	58 26 53.2	— 1	98	2.88	20.9	10 57.07	58 25 48.9	58.4789
24		13 36.86	58 54 20.1	— 1	3	2.92	20.8	13 25.26	58 53 17.1	58.4858
25		19 52.68	58 29 10.8	— 1	5	2.96	20.6	19 41.04	58 28 7.8	58.4879
26		21 49.07	59 12 27.4	— 3	4	2.98	20.5	21 38.01	59 11 28.2	58.4894
27		23 41.70	58 30 52.9	— 0	1	3.00	20.4	23 30.02	58 29 49.6	58.4934
28		28 7.69	58 44 15.7	— 1	85	3.05	20.2	27 55.96	58 43 10.4	58.4956
29		30 23.16	58 23 28.6	— 2	99	3.05	20.1	30 11.43	58 22 25.1	57.6166
30		32 31.36	57 47 15.2	— 3	1	3.05	20.0	32 19.63	57 46 11.3	z Centauri
		34 37.38	53 2 56.5	— 3	97					58.5059
31		36 20.92	58 22 12.0	— 3	94	3.11	19.8	36 18.13	58 21 7.9	58.5092
32		38 23.34	58 49 12.1	— 1	2	3.15	19.7	38 11.51	58 48 10.0	58.5149
33		41 2.55	58 46 47.9	— 1	0	3.17	19.6	40 50.70	58 45 45.6	58.5282
34		50 8.76	58 57 59.5	— 3	2	3.26	19.1	49 56.81	58 56 58.2	z Centauri
		57 56.52	59 58 29.8	— 2	9					57.6570
35	14	10 46.95	57 56 33.2	— 1	1	3.36	18.0	14 10 34.90	57 55 31.6	57.6587
36		12 48.09	57 39 6.9	— 1	4	3.36	17.9	12 36.03	57 38 5.4	[z Centauri]
		14 30.33	56 0 31.3	— 0	5					58.5515
37		17 48.61	59 2 32.6	— 3	6	3.48	17.5	17 36.44	59 1 33.5	58.5529
38			58 27 36.7	— 3	91		17.4		58 26 34.8	58.5542
39		21 51.85	59 6 9.5	— 1	95	3.51	17.3	21 39.65	59 5 9.2	58.5581
40		26 17.62	58 44 54.4	— 1	3	3.52	17.0	26 5.41	58 43 55.0	z Centauri
			60 29 57.1	— 1	5					

ZONA 41 A

Mayo 2 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		12 ^h 2 ^m 41 ^s 68	57° 58' 49".7	— 0	95	— 2 ^s 13	+ 23 ^s 1	12 ^h 2 ^m 30 ^s 51	57° 49' 42".5	57.5253
2		4 19.44	50 1 39.9	— 1	0	2.17	23.1	4 8.23	59 0 34.9	58.4104
3		6 35.52	59 5 41.3	— 0	4	2.19	23.0	6 24.29	59 4 36.9	58.4137
4			58 57 50.4	— 3	90		23.0		58 56 49.8	58.4161
5		9 50.78	58 21 35.4	— 1	95	2.22	23.0	9 39.52	58 20 28.9	58.4176
6		13 17.21	58 25 40.0	— 0	5	2.26	22.9	13 5.91	58 24 35.2	58.4202
		16 53.97	59 56 36.5	— 1	8					(232)
7		20 33.72	57 26 55.3	— 1	94	2.32	22.7	20 22.35	57 25 47.9	57.5456
8		22 49.35	57 33 20.5	— 2	5	2.35	22.7	22 37.95	57 32 14.7	57.5487
9		24 54.95	57 57 2.5	— 2	96	2.38	22.6	24 43.52	57 55 56.0	57.5507
10		26 28.36	59 5 0.6	— 0	0	2.42	22.6	26 16.89	59 3 56.0	58.4335
11		28 18.97	58 59 13.4	— 1	0	2.44	22.6	28 7.48	58 58 8.8	58.4355
12		30 7.37	57 15 6.9	— 0	95	2.42	22.5	29 55.90	57 13 59.5	57.5563
			68 40 32.2	— 0	12					z Muscae
13		36 27.18	57 51 45.2	— 1	96	2.50	22.4	36 15.63	57 50 39.0	57.5633
14		38 27.25	57 17 31.1	— 3	50	2.50	22.3	38 15.70	57 16 17.4	57.5657

ZONA 41 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		12 ^h 41 ^m 11 ^s .59	67° 39' 5.6	— 1	10					[β Muscae]
15		44 36.04	58 13 10.6	— 2	99	-2.59	+22.1	12 ^h 44 ^m 24.38	58° 12' 5.3	57.5726
16		46 41.66	58 49 53.0	— 1	94	2.64	22.1	46 29.96	58 48 47.8	58.4555
17		49 27.97	57 58 54.8	— 2	4	2.64	22.0	49 16.27	57 57 50.1	57.5776
18		53 19.42	58 23 44.7	— 2	3	2.68	21.9	53 7.68	58 22 40.5	58.4616
19		55 28.02	58 18 25.5	— 2	0	2.71	21.8	55 16.24	58 17 20.8	58.4538
20		58 1.49	59 9 51.3	— 1	7	2.77	21.7	57 49.66	59 8 48.8	58.4659
21		13 1 23.42	59 9 8.2	— 1	3	2.80	21.6	13 1 11.56	59 8 5.2	58.4683
22		4 22.62	58 18 4.2	— 2	7	2.80	21.5	4 10.75	58 17 0.8	58.4713
		7 6.73	59 28 49.5	— 2	8					(249)
23		9 4.52	58 20 44.1	0	3	2.85	21.3	8 52.61	58 19 40.4	58.4739
24		11 14.08	58 32 13.8	2	5	2.88	21.2	11 2.14	58 31 10.8	58.4765
25		14 15.52	58 2 39.6	— 3	98	2.89	21.1	14 3.56	58 1 35.0	57.5988
26		18 53.96	58 37 5.0	2	6	2.95	20.9	18 41.94	58 36 2.6	58.4845
27		21 55.07	57 51 24.6	1	99	2.95	20.8	21 43.05	57 50 20.4	57.6057
28	α, δ	23 58.57	58 36 56.0	1	5	3.00	20.7	23 46.50	58 35 53.7	58.4898
29	α, δ	26 49.38	58 2 42.7	— 3	94	3.00	20.6	26 37.31	58 1 38.0	57.6112
30	α, δ	28 46.16	59 5 13.3	0	98	3.07	20.4	28 34.02	59 4 10.7	58.4943
31		30 45.77	57 17 41.3	— 3	4	3.01	20.4	30 33.69	57 16 37.3	57.6151
32		32 57.75	57 53 29.0	— 2	4	3.06	20.3	32 45.62	57 52 25.8	57.6175
		34 37.78	53 2 56.1	— 3	99					ϵ Centauri
33		37 15.29	58 35 16.6	0	90	3.13	20.1	37 3.09	58 34 12.5	58.5068
34	α, δ	39 46.55	58 36 37.5	1	2	3.15	19.9	39 34.33	58 35 35.4	58.5125
35		45 2.51	58 28 33.7	— 2	98	3.22	19.7	44 50.21	58 27 31.0	58.5212
36		47 5.08	58 41 17.8	1	0	3.21	19.6	46 52.79	58 40 15.8	58.5240
37		50 4.15	58 2 39.7	— 3	3	3.21	19.4	49 51.86	58 1 37.4	57.6394
		51 37.32	63 16 51.6	1	2					(Centa. 291 G)
38		54 8.46	57 25 50.3	0	4	3.20	19.3	53 56.18	57 24 47.7	57.6435
		57 57.02	59 58 31.7	— 2	98					β Centauri

ZONA 42 A

Mayo 3 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.5	12 ^h 1 4.16	57° 37' 20.6	2	7	-2.09	+23.3	12 ^h 0 ^m 52.53	57° 36' 23.1	57.5234
2	8.2	2 57.04	58 8 35.4	— 2	0	2.12	23.3	2 45.38	58 7 28.6	57.5257
3		5 41.94	57 18 19.2	— 2	99	2.14	23.2	5 30.26	57 17 11.3	57.5284
4	8.5	7 42.67	58 33 26.6	— 2	4	2.18	23.2	7 30.96	58 32 20.9	58.4153
		10 45.85	58 17 20.3	2	5					[δ Crucis]
5	7.8	13 30.43	57 23 28.5	— 2	0	2.23	23.1	13 18.66	57 22 20.9	57.5382
6	8.8	15 27.22	57 43 53.8	— 2	9	2.26	23.1	15 15.41	57 42 48.0	57.5400
7	8.7	17 33.22	58 45 48.4	0	2	2.30	23.1	17 21.38	58 44 42.8	58.4238
8	8.5	19 47.99	58 31 4.5	1	98	2.32	23.0	19 36.13	58 29 58.1	58.4262
9		22 55.84	58 32 2.8	2	1	2.36	22.9	22 43.94	58 30 56.9	58.4289
10	8.7	30 24.72	58 55 0.3	0	3	2.45	22.8	30 12.73	58 53 55.3	58.4378
			68 40 35.2	0	3					α Muscae

ZONA 42 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
11	8.5	12 ^b 36 ^b 19 ^a 88	57°47'59.8	— 3	7	—2.49	+22.6	12 ^b 36 ^m 7.84	57°46'54.3	57.5632
12	8.1	38 43.19	58 26 59.4	1	0	2.53	22.6	38 31.12	58 25 53.7	58.4453
13	8.7	41 33.85	58 40 22.6	0	96	2.57	22.5	41 21.74	58 39 16.6	58.4490
14		44 1.22	57 24 43.0	— 1	95	2.56	22.4	43 49.11	57 23 35.4	57.5721
15		45 48.13	57 27 27.2	— 3	2	2.58	22.3	45 35.99	57 26 20.8	57.5739
16	8.5	47 32.52	58 17 49.7	— 3	11	2.62	22.3	47 20.34	58 16 45.7	58.4567
17		50 13.13	58 34 13.6	— 1	2	2.76	22.2	50 0.92	58 33 8.6	58.4589
18		52 44.73	58 42 4.9	2	97	2.69	22.1	52 32.49	58 40 59.4	58.4612
19		55 28.56	58 18 26.4	— 2	3	2.70	22.0	55 16.30	58 17 21.5	58.4638
20	8.8	58 24.81	58 45 51.9	0	65	2.75	21.9	58 12.51	58 44 42.1	58.4661
21	8.4	13 0 30.61	58 5 33.3	0	97	2.75	21.9	13 0 18.30	58 4 27.4	57.5883
		2 43.34	53 1 9.9	1	0					(248)
22	8.8	4 22.59	57 19 46.7	— 1	95	2.76	21.7	4 10.27	57 18 39.7	57.5916
23	8.2	6 11.42	59 8 12.6	— 2	10	2.85	21.7	5 59.02	59 7 10.1	58.4723
			67 27 12.9	2	1					[α Muscae]
24		12 0.97	58 19 30.9	— 1	97	2.89	21.4	11 48.52	58 18 26.5	58.4770
25	8.6	13 33.41	57 49 56.7	— 1	0	2.87	21.4	13 20.97	57 48 52.6	57.5982
26		15 34.21	58 44 2.1	— 1	3	2.93	21.3	15 21.72	58 42 58.5	58.4817
27	8.9	18 54.26	58 37 5.9	2	4	2.95	21.2	18 41.75	58 36 2.3	58.4845
28		21 9.24	58 53 16.6	— 2	0	2.99	21.1	20 56.69	58 52 12.9	58.4867
29		23 25.39	58 56 42.2	1	98	3.01	21.0	23 12.82	58 55 38.3	58.4891
30	8.5	25 4.23	58 58 49.7	— 2	95	3.03	20.9	24 51.64	58 57 45.6	58.4908
31	8.5	26 59.98	57 25 34.2	0	94	2.98	20.8	26 47.43	57 24 28.1	57.6115
32		29 4.43	58 36 41.9	1	96	3.05	20.7	28 51.82	58 35 37.6	58.4945
		34 38.22	53 2 55.9	— 3	4					ε Centauri
33	8.7	36 21.31	57 32 23.7	— 3	2	3.07	20.4	36 8.67	57 31 19.4	57.6208
34	8.7	38 24.48	57 26 15.7	1	95	3.09	20.3	38 11.82	57 25 10.3	57.6237
35	8.6	41 30.88	57 39 31.3	— 1	99	3.12	20.2	41 18.19	57 38 26.9	57.6272
36	8.5	43 59.03	57 20 59.0	0	3	3.13	20.0	43 46.32	57 19 54.9	57.6307
37		45 57.35	58 7 52.4	— 3	99	3.19	19.9	45 44.58	58 6 48.8	57.6339
38		49 21.55	57 13 30.3	— 2	99	3.18	19.8	49 8.80	57 12 25.7	57.6388
		51 37.85	63 16 53.0	1	1					[Cent. 291 G]
39		56 46.60	57 29 1.7	— 1	2	3.25	19.4	56 33.77	57 27 58.3	57.6461
40		58 41.33	57 48 14.8	— 2	11	3.28	19.2	58 28.47	57 47 13.2	57.6482
41		2 16.32	58 15 32.1	0	97	3.33	19.0	14 2 3.41	58 14 29.2	58.5372
42		6 3.13	58 54 43.4	— 1	98	3.40	18.8	5 50.16	58 53 41.7	58.5403
43		7 53.79	58 17 57.8	— 3	4	3.38	18.7	7 40.83	58 16 56.3	58.5422
44		10 47.88	57 56 33.0	1	4	3.38	18.6	10 34.92	57 55 31.3	57.6570
45		12 49.14	57 39 7.6	— 1	2	3.38	18.5	12 36.17	57 38 5.3	57.6587
		14 31.44	56 0 31.8	0	4					[γ Centauri]
46		17 49.56	59 2 32.9	— 3	3	3.50	18.1	17 36.48	59 1 32.8	58.5515
47	8.8	19 53.94	58 27 33.7	— 3	4	3.48	18.0	19 40.88	58 26 33.2	58.5529
48		21 52.77	59 6 10.7	1	96	3.54	17.8	21 39.65	59 5 9.3	58.5542
49	8.7	26 18.63	58 44 53.4	— 1	11	3.55	17.6	26 5.50	58 43 54.7	58.5581
50		28 43.22	58 16 3.0	1	6	3.53	17.5	28 30.10	58 15 3.2	58.5604
51		31 54.58	58 48 22.2	— 2	0	3.59	17.2	31 41.41	58 47 22.3	58.5632
52		41 3.25	57 19 56.3	— 1	3	3.56	16.7	40 50.09	57 18 55.5	57.6785
53		42 45.98	57 46 38.2	1	2	3.60	16.6	42 32.78	57 45 38.0	57.6792
54	8.0	45 0.86	59 9 48.5	— 1	8	3.71	16.3	44 47.56	59 8 51.0	58.5731
55	8.8	47 10.01	57 59 28.0	— 1	88	3.64	16.3	46 56.77	57 58 26.3	57.6817
		49 9.39	59 46 40.1	1	97					(282)
56	8.6	51 43.34	57 26 10.6	1	96	3.63	16.0	51 30.11	57 25 9.6	57.6850
57	8.4	53 36.58	57 3 51.3	— 2	1	3.62	15.9	53 23.36	57 2 50.8	56.6523
58		58 10.48	57 22 40.5	— 3	6	3.67	15.6	57 57.21	57 21 41.4	57.6900
59	8.6	15 1 18.71	59 4 25.5	— 1	1	3.80	15.2	15 1 5.32	59 3 28.1	58.5815
60	8.9	3 18.18	58 57 25.5	— 3	6	3.81	15.0	3 4.78	58 56 28.9	58.5832
			51 47 28.2	2	4					ζ Lupi

ZONA 42 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
61		15 ^h 10 ^m 51 ^s 89	58° 4' 59.2	— 1	2	-3.78	+14.6	15 ^h 10 38.50	58° 4' 1.4	57° 6980
62		12 31.83	57 14 36.1	— 1	85	3.74	14.5	12 18.48	57 13 34.8	57.6995
63	8.4	15 43.37	58 51 13.0	1	95	3.87	14.1	15 29.90	58 50 15.5	58.5897
64	8.9	19 45.07	57 16 42.6	1	99	3.77	14.0	19 31.69	57 15 43.9	57.7044
65		22 8.46	57 30 12.5	0	0	3.80	13.8	21 55.05	57 29 14.5	57.7061
66			58 59 35.1	— 1	6		13.5		58 58 40.1	58.5985
67			57 7 51.0	— 3	4		13.5		57 6 53.4	56.6787
			66 2 29.1	— 3	0					[z Tr. Aust]
68	8.8	32 31.69	58 56 26.2	1	94	3.95	12.8	32 18.14	58 55 30.0	58.6127
69	8.9	34 23.37	58 54 59.8	— 1	98	3.96	12.7	34 9.83	58 54 4.3	58.6145
70		36 27.59	57 42 54.8	— 3	93	3.88	12.7	36 14.10	57 41 57.2	57.7157
71		38 30.55	58 25 51.8	0	0	3.94	12.4	38 17.00	58 24 56.2	58.6252
72		40 41.73	58 40 10.4	0	0	3.89	12.3	40 28.23	58 39 15.2	58.6299
73	9.0	43 50.68	58 28 40.8	— 2	7	3.96	12.0	43 37.11	58 27 46.8	58.6367
74		46 4.63	58 48 56.4	— 2	5	4.00	11.8	45 51.02	58 48 2.8	58.6408
		47 47.25	63 10 47.8	0	96					[z Tr. Aust]
75	8.7	51 4.47	58 27 11.9	2	2	3.99	11.4	50 50.87	58 26 17.6	58.7512
76		53 31.40	57 40 24.4	0	0	3.93	11.3	53 17.85	57 39 29.1	57.7437
77		56 45.31	57 32 57.1	— 3	0	3.93	11.0	56 31.76	57 32 1.9	57.7500
78		16 1 1.89	58 10 30.3	0	4	3.99	10.6	16 0 48.28	58 9 36.8	58.6641

ZONA 43 A

Mayo 8 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		12 ^h 0 ^m 24 ^s 78	57° 12' 20.3	2	98	-2.00	+24.4	12 ^h 0 ^m 10 ^s 34	57° 11' 10.0	56 4990
2		3 5.06	57 6 18.2	1	94	2.03	24.3	2 50.59	57 5 7.2	56.5022
3		4 59.46	58 15 1.8	0	97	2.06	24.4	4 44.97	58 13 52.6	58.4111
4		6 57.15	57 15 3.9	0	3	2.08	24.3	6 42.63	57 13 54.4	57.5303
5		8 39.68	59 12 18.4	2	5	2.12	24.4	8 25.14	59 11 14.5	58.4165
		10 48.80	58 17 22.7	2	1					[z Crucis]
6		14 3.34	59 9 59.9	— 1	0	2.19	24.3	13 48.72	59 8 52.2	58.4204
		16 57.26	59 56 40.9	1	2					(232)
7		20 3.85	58 20 14.4	0	5	2.25	24.2	19 49.16	58 19 6.7	58.4263
8		22 0.53	57 39 7.3	— 1	98	2.26	24.1	21 45.83	57 37 57.8	57.5174
9		24 9.19	57 43 36.5	— 2	3	2.29	24.0	23 54.46	57 42 27.9	57.5502
10		26 14.41	57 43 52.9	— 2	8	2.31	24.0	25 59.66	57 42 45.0	57.5525
11		29 28.29	57 4 36.8	— 1	93	2.34	23.9	29 13.50	57 3 26.0	56.5311
		32 17.55	68 40 36.9	0	4					z Muscae
12		48 53.87	57 12 37.0	— 3	6	2.56	23.5	48 38.85	57 11 28.8	56.5482
13		53 6.26	58 38 17.2	— 2	1	2.65	23.4	52 51.16	58 37 10.0	58.4615
14		56 32.72	57 41 37.7	1	0	2.66	23.2	56 17.61	57 40 29.3	57.5851
15		58 54.31	58 31 40.7	1	1	2.71	23.2	58 39.15	58 30 33.4	58.4668
16		13 1 14.62	57 49 8.7	— 1	4	2.72	23.1	13 0 59.45	57 48 1.2	57.5889
		7 10.15	59 28 53.4	— 2	0					(249)
17		9 10.35	58 39 43.2	— 1	12	2.83	22.8	8 55.06	58 38 38.1	58.4740
18		11 12.99	58 41 57.1	1	0	2.86	22.7	10 57.67	58 40 50.3	58.4764
19		13 40.65	58 47 18.5	2	96	2.89	22.7	13 25.31	58 46 11.3	58.4790

ZONA 44 A

Mayo 10 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		12 ^b 0 ^m 26 ^s 14	57° 12' 19".5	2	98	-1 ^s 96	+24 ^s 7	12 ^b 0 ^m 10 ^s 54	57° 11' 10".5	56° 4990
2		3 6.31	57 6 17.0	1	98	2.00	24.7	2 50.67	57 5 7.9	56.5022
3		5 0.73	58 15 0.9	0	95	2.03	24.8	4 45.07	58 13 52.6	58.4111
4		6 58.39	57 15 4.3	0	97	2.04	24.7	6 42.71	57 13 55.2	57.5303
5		8 40.92	59 12 18.8	2	97	2.09	24.8	8 25.21	59 11 12.0	58.4165
6		10 50.02	58 17 21.0	2	6					[^o Crucis]
		14 4.67	59 10 58.9	0	97	2.16	24.7	13 48.88	59 9 52.1	58.4204
		16 58.36	59 56 38.7	1	8					(232)
7		20 4.91	58 20 14.0	0	2	2.22	24.6	19 49.05	58 19 7.0	58.4263
8		22 1.83	57 39 6.8	-1	94	2.24	24.5	21 45.95	57 37 57.9	57.5474
9		24 10.34	57 43 35.8	-2	3	2.26	24.5	23 54.44	57 42 28.3	57.5502
10		26 15.79	57 43 52.7	-2	4	2.29	24.4	25 59.86	57 42 45.4	57.5525
11		29 29.48	57 4 33.7	-1	9	2.31	24.4	29 13.52	57 3 26.5	56.5311
		32 18.76	68 40 34.9	0	7					α Muscae
12		36 9.08	57 10 42.2	0	97	2.39	24.2	35 53.04	57 9 33.5	56.5384
13		38 27.01	57 19 22.1	-1	85	2.42	24.2	38 10.94	57 18 11.8	57.5656
14		41 9.42	58 2 49.1	-3	7	2.47	24.1	40 53.30	58 1 43.0	57.5690
		42 57.28	59 14 11.1	-1	16					β Crucis
15		45 53.35	57 43 3.8	-2	98	2.52	24.0	45 37.18	57 41 56.1	57.5740
16		48 54.96	57 12 38.1	-3	93	2.54	23.9	48 38.76	57 11 29.1	56.5482
17		50 46.11	58 34 19.9	-1	5	2.60	23.9	50 29.86	58 33 14.3	58.4593
18		53 7.25	58 38 16.9	-2	95	2.63	23.9	52 50.97	58 37 10.0	58.4615
19		56 33.80	57 41 38.3	1	96	2.64	23.7	56 17.51	57 40 30.5	57.5851
20		58 55.66	58 31 40.0	1	3	2.70	23.7	58 39.31	58 30 34.4	58.4668
21	13	1 16.05	57 49 8.3	-1	0	2.70	23.6	13 0 59.70	57 48 1.4	57.5889
		7 11.33	59 28 50.8	-2	9					(249)
22		9 11.49	58 39 43.4	-1	2	2.82	23.3	8 55.01	58 38 38.1	58.4740
23		11 14.21	58 41 55.5	1	6	2.85	23.3	10 57.70	58 40 50.9	58.4764
24		13 41.88	58 47 17.0	2	0	2.88	23.2	13 25.35	58 46 11.8	58.4790
25		15 45.17	58 2 53.6	-3	97	2.87	23.1	15 28.64	58 1 47.1	57.6002
26		18 51.04	58 54 57.7	-1	99	2.94	23.0	18 34.45	58 53 52.7	58.4844
27		21 2.95	57 32 15.9	-3	90	2.91	22.9	20 46.38	57 31 7.9	57.6047
28		23 32.72	57 5 43.5	0	0	2.92	22.7	23 16.13	57 4 36.6	56.5780
29		26 53.24	57 18 33.9	-2	1	2.96	22.6	26 36.61	57 17 27.5	57.6111
30		29 5.77	59 5 6.1	0	97	3.06	22.5	28 49.06	59 4 1.3	58.4913
31		31 17.44	58 4 37.1	-1	3	3.04	22.4	31 0.73	58 3 32.2	57.6156
32		33 3.53	58 6 44.5	1	94	3.06	22.3	32 46.80	58 5 38.4	57.6177
33		35 1.09	57 30 32.5	0	80	3.06	22.3	34 44.36	57 29 23.8	57.6200
34		38 2.65	57 18 58.7	-2	4	3.08	22.1	37 45.89	57 17 53.4	57.6229
		41 28.91	51 1 20.0	1	95					(260)
35		46 29.94	57 2 56.2	-3	3	3.15	21.7	46 13.11	57 1 50.8	56.5973
36		51 47.08	57 18 37.8	-2	89	3.22	21.4	51 30.18	57 17 30.9	57.6409
37		53 56.17	57 59 50.6	-1	93	3.27	21.3	53 39.23	57 58 45.2	57.6432
38		58 1.58	59 58 31.2	-2	10					γ Centauri
	14	11 10.60	57 28 20.5	-2	97	3.41	20.4	14 10 53.51	57 27 16.1	57.6572
		14 35.60	56 0 33.7	0	98					[^o Centauri]
39		17 54.65	57 46 4.5	1	3	3.48	20.0	17 37.49	57 45 1.7	57.6625
40		22 44.16	58 33 34.2	-2	6	3.57	19.7	22 26.91	58 32 33.1	58.5550
41		25 44.68	58 31 34.3	1	90	3.60	19.5	25 27.39	58 30 31.1	58.5576
42		29 39.26	58 13 59.6	-2	5	3.61	19.2	29 21.96	58 12 58.4	58.5611
43		31 58.72	58 48 21.6	-2	7	3.67	19.1	31 41 37	58 47 21.5	58.5632
44		36 47.38	57 44 11.3	-1	99	3.64	18.8	36 30.05	57 43 9.0	57.6756
45		41 59.32	58 13 42.2	-2	3	3.71	18.4	41 41.92	58 12 41.5	58.5714

ZONA 45 A

Mayo 23 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Micro.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		13 ^b 6 ^m 34 ^s 34	59° 25' 23.5	0	90					(249)
1		28 28.77	59 1 38.0	1	2	-2.97	+25.6	13 ^b 28 ^m 48 ^s 89	59° 4' 1.4	58° 49' 43
2		30 40.57	58 1 10.3	1	2	2.96	25.5	31 0.69	58 3 32.6	57.6156
3		32 26.55	58 3 16.2	—	96	2.99	25.3	32 46.55	58 5 39.3	57.6177
4		34 24.41	57 27 0.9	2	98	2.99	25.2	34 44.51	57 29 23.4	57.6200
5		37 25.68	57 15 32.2	0	0	3.02	25.1	37 45.74	57 17 54.2	57.6229
		40 52.04	50 57 50.9	—	1					(260)
6	8.5	44 25.25	58 34 57.0	—	97	3.16	24.9	44 45.16	58 37 21.2	58.5208
7	8.4	45 53.08	56 59 27.4	—	85	3.12	24.7	46 13.03	57 1 51.6	56.5973
8		49 16.16	58 15 53.7	0	99	3.21	24.6	49 36.03	58 18 17.5	58.5276
9		51 10.17	57 15 7.7	0	96	3.19	24.5	51 30.05	57 17 30.9	57.6409
10		53 19.35	57 56 20.7	1	92	3.25	24.4	53 39.17	57 58 45.4	57.6432
		57 24.84	59 55 4.8	0	96					Centauri
11		14 2 12.26	58 29 30.8	—	94	3.38	24.0	14 2 31.05	58 31 56.1	58.5379
12		6 49.14	57 50 16.6	0	3	3.40	23.7	7 8.80	57 52 40.2	57.6536
13		8 46.79	58 22 41.0	—	95	3.45	23.6	9 6.41	58 25 6.1	58.5430
14		10 33.64	57 24 52.6	—	4	3.43	23.5	10 53.28	57 27 15.8	57.6572
		13 58.81	55 57 4.7	1	98					[Centauri]
15		17 17.84	57 42 36.2	—	96	3.52	23.1	17 37.38	57 45 1.2	57.6625
16		20 9.60	58 41 11.2	1	0	3.61	23.0	20 29.05	58 43 37.7	58.5537
17		22 7.75	58 30 7.4	0	2	3.62	22.9	22 27.19	58 32 32.8	58.5550
18		25 7.92	58 28 1.7	—	93	3.65	22.7	25 27.33	58 30 28.6	58.5576
19		26 58.02	58 24 2.6	—	0	3.67	22.6	27 17.42	58 26 28.4	58.5594
20		29 2.38	58 10 32.6	0	0	3.67	22.4	29 21.78	58 12 58.4	58.5611
21		31 21.89	58 44 55.6	—	0	3.74	22.3	31 41.21	58 47 22.2	58.5632
22		36 10.66	57 40 43.1	0	0	3.72	22.0	36 29.99	57 43 8.8	57.6756
23		38 29.96	57 7 53.9	—	91	3.71	21.8	38 49.30	57 10 20.2	57.6776
24		41 22.51	58 10 14.1	0	97	3.81	21.6	41 41.76	58 12 41.1	58.5714
25		43 11.88	58 55 59.3	0	1	3.88	21.5	43 31.06	58 58 26.9	58.5725
26		45 43.04	57 4 15.1	—	0	3.78	21.3	46 2.31	57 6 40.7	56.6466
27		48 45.03	58 27 7.0	2	2	3.90	21.1	49 4.19	58 29 34.3	58.5756
28		50 39.18	58 48 53.8	—	90	3.95	21.0	50 58.29	58 51 23.2	58.5767
29		53 14.38	58 33 25.7	—	98	3.95	20.8	53 33.48	58 35 53.8	58.5777
30		55 13.64	58 2 47.6	—	2	3.94	20.6	55 32.75	58 5 14.9	57.6882
31		57 27.59	58 49 54.9	—	0	4.02	20.5	57 46.62	58 52 23.4	58.5797
32		15 1 52.21	58 46 13.3	1	0	4.06	20.2	15 2 11.20	58 48 42.1	58.5825
33		4 10.15	58 30 14.9	0	0	4.06	20.0	4 29.13	58 32 43.5	58.5838
34		8 16.15	57 48 41.5	—	0	4.04	19.7	8 35.15	57 51 9.5	57.6960
		10 27.24	58 26 22.6	1	0					[Circini]
35		15 3.13	58 30 21.8	0	0	4.16	19.1	15 22.01	58 32 51.3	58.5896
36		16 50.98	56 58 56.8	—	96	4.06	19.0	17 9.96	57 1 25.2	56.6729
37		18 44.89	56 56 53.3	1	98	4.07	18.8	19 3.86	56 59 21.6	56.6745
38		21 7.28	58 10 2.5	0	1	4.19	18.6	21 26.13	58 12 32.0	58.5943
39		23 12.02	58 45 44.5	0	3	4.25	18.5	23 30.81	58 48 14.6	58.5976
40	8.5	25 55.97	57 51 32.1	1	98	4.20	18.2	26 14.80	57 54 2.1	57.7081
		28 32.14	65 59 3.7	—	1					[Tr. Aust.]
41		30 40.89	59 4 46.9	—	97	4.34	17.8	30 59.59	59 7 18.8	58.6110
42		32 31.60	58 49 0.9	—	1	4.34	17.6	32 50.30	58 51 32.1	58.6132
43		35 34.07	58 34 20.6	—	95	4.34	17.4	35 52.76	58 36 52.6	58.6183
44		37 40.02	58 48 32.5	—	0	4.37	17.2	37 58.69	58 51 4.2	58.6243
45		40 7.44	58 52 3.4	2	98	4.40	17.0	40 26.08	58 54 35.9	58.6298
46		43 2.29	58 11 49.2	1	1	4.36	16.8	43 20.97	58 14 20.7	58.6357

ZONA 45 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		15 ^h 47 ^m 15 ^s .03	63° 7' 20".6	2	2					β Tr. Aust.
47		50 0.02	59 2 40.3	— 3	94	—4.49	+16".1	15 ^h 50 ^m 18 ^s .56	59° 5' 14".2	58° 65' 02"
48			58 26 12.9	1	98		16.0		58 28 45.9	58.6543
49		55 27.48	57 33 31.2	— 2	86	4.39	15.7	55 46.11	57 36 5.0	57.7487
50		57 57.69	58 56 4.0	1	95	4.53	15.4	58 16.19	58 58 38.6	58.6627
51		16 0 35.68	58 41 47.3	1	4	4.53	15.2	16 0 54.18	58 44 20.5	58.6642

ZONA 46 A

Mayo 28 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		12 ^h 28 ^m 44 ^s .44	57° 27' 37".5	— 3	98	—2.02	+27".6	12 ^h 29 ^m 2 ^s .49	57° 29' 59".1	57° 55' 54"
2		32 38.97	57 44 27.9	— 1	3	2.08	27.7	32 56.97	57 46 49.1	57.5601
3		35 27.94	57 10 43.6	0	99	2.11	27.6	35 45.90	57 13 4.9	57.5628
4		42 42.00	67 35 41.4	0	97					β Muscae
5		44 41.01	59 5 3.2	0	1	2.24	27.7	42 59.83	59 7 26.3	58.4514
6		46 14.36	58 5 21.2	0	87	2.26	27.6	44 58.82	58 7 45.3	57.5736
7		49 14.48	57 58 38.6	— 2	99	2.28	27.5	46 32.15	58 1 0.8	57.5749
8		52 17.09	58 38 23.5	— 2	94	2.33	27.6	49 32.23	58 40 47.2	58.4584
9		54 32.16	57 53 3.5	— 2	2	2.37	27.4	52 34.79	57 55 25.2	57.5810
10			57 1 2.3	1	0	2.38	27.3	54 49.84	57 3 23.6	56.5529
11	8.8	59 20.45	59 6 26.8	1	6		27.4		59 8 49.5	58.4659
12	8.2	13 1 28.37	57 44 20.7	— 1	94	2.46	27.3	59 38.06	57 46 43.6	57.5876
13		3 10.17	58 18 20.8	— 2	96	2.51	27.3	13 1 45.92	58 20 44.1	58.4691
		6 37.28	57 11 26.0	1	96	2.51	27.1	3 27.72	57 13 49.4	57.5909
14		10 35.95	59 25 23.1	0	94					(249)
15	8.8	12 57.33	57 52 37.4	— 3	94	2.63	27.0	10 53.39	57 55 0.7	57.5977
16	8.6	14 53.37	58 31 7.2	1	0	2.68	27.0	13 14.71	58 33 30.4	58.4782
17	8.6	18 12.89	58 9 26.8	— 1	93	2.70	26.9	15 10.72	58 11 50.7	57.5998
18	8.7		59 0 57.2	0	0	2.77	26.9	18 30.17	59 3 21.2	58.4843
19		22 12.16	58 5 21.5	0	7		26.8		58 7 43.5	57.6044
20		26 2.18	57 37 3.1	2	5	2.78	26.7	22 29.43	57 39 25.0	57.6065
21	8.2	27 55.62	57 57 22.0	2	90	2.85	26.6	26 19.38	57 59 46.5	57.6105
22		29 50.26	57 44 47.9	— 1	91	2.87	26.5	28 12.81	57 47 12.1	57.6128
23	8.8		57 12 11.4	2	0	2.87	26.4	30 7.44	57 14 33.8	57.6146
		34 8.45	58 55 54.8	0	98		26.4		58 58 19.4	58.4982
24	8.7	37 14.59	52 59 27.8	— 1	95					ε Centauri
25		39 38.60	57 37 33.3	— 3	98	2.99	26.1	37 31.64	57 39 56.6	57.6221
26	8.9	42 6.29	57 46 16.2	1	98	3.03	26.1	39 55.62	57 48 39.9	57.6255
27		44 21.65	58 11 55.8	1	0	3.08	26.0	42 23.25	58 14 19.7	58.5175
28	8.3	48 51.40	58 56 53.1	1	7	3.14	26.0	44 38.55	58 59 17.0	58.5204
29	8.8		57 58 57.7	— 2	97	3.12	25.8	46 8.32	58 0 21.9	57.6347
30		51 11.70	57 9 59.8	— 1	82	3.12	25.6	49 8.90	57 12 25.5	57.6388
			58 4 18.9	— 1	98	3.19	25.6	51 28.55	58 6 43.3	57.6408

ZONA 46 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
31		13 ^h 53 ^m 39 ^s .33	57 22 23.6	2	95	-3.19	+25.4	13 ^h 53 ^m 56 ^s .18	57° 24' 47.9	57° 6435
		57 28.03	59 55 4.5	0	96					β Centauri
32		59 40.79	58 50 35.9	0	94	3.34	25.2	59 57.48	58 53 2.3	58.5257
33	8.4	14 1 46.65	58 12 4.4	2	0	3.34	25.1	14 2 3.34	58 14 29.3	58.5372
34	8.9	3 17.30	58 10 13.4	0	0	3.35	25.0	3 33.98	58 12 38.3	58.5388
35	8.6	5 33.50	58 51 14.4	1	90	3.42	24.9	5 50.11	58 53 41.6	58.5403
36	8.1	10 18.42	57 53 6.1	- 2	97	3.43	24.6	10 35.03	57 55 31.4	57.6570
37		12 19.48	57 35 40.2	0	99	3.44	24.5	12 36.07	57 38 5.0	57.6587
		14 1.82	55 57 3.8	2	97					[γ Centauri]
38	8.7	17 19.93	58 59 4.4	- 1	93	3.52	24.3	17 36.44	59 1 32.0	58.5515
39		19 24.32	58 24 8.9	- 1	0	3.57	24.2	19 40.77	58 26 34.9	58.5529
40	9.0	21 23 11	59 2 46.0	- 3	23	3.63	24.1	21 39.50	59 5 9.5	58.5542
41	8.8	25 48.93	58 41 26.4	1	92	3.68	23.8	26 5.28	58 43 54.3	58.5581
42	9.0	28 13.66	58 12 38.3	- 3	10	3.66	23.6	28 30.02	58 15 3.1	58.5604
43	8.9	31 24.96	58 44 55.2	- 1	4	3.74	23.4	31 41.24	58 47 21.7	58.5632
44		40 33.79	57 16 30.2	1	3	3.75	22.8	40 50.05	57 18 55.8	57.6785
45	8.2	44 31.49	59 6 21.8	1	97	3.89	22.7	44 47.61	59 8 50.6	58.5731
46	8.9	46 40.58	57 55 58.3	0	94	3.86	22.4	46 56.73	57 58 26.5	57.6817
			59 43 15.4	- 2	15					(282)
47		51 13.74	57 22 41.1	- 3	87	3.88	22.1	51 29.87	57 25 9.8	57.6850
48	8.4	53 7.20	57 0 22.8	0	89	3.87	21.9	53 23.34	57 2 51.0	56.6523
49		57 40.94	57 19 14.4	- 1	96	3.94	21.6	57 57.01	57 21 42.2	57.6900
50	8.7	15 0 49.24	59 0 59.2	0	5	4.09	21.4	15 1 5.16	59 3 29.5	58.5815
51	9.0	2 48.71	58 53 59.6	- 2	1	4.10	21.3	3 4.61	58 56 29.0	58.5832
		5 49.53	51 44 0.0	- 1	0					γ Lupi
52		8 12.45	58 22 4.9	2	93	4.12	20.8	8 28.33	58 24 35.2	58.5862
53	8.4	10 22.39	58 0 35.6	0	20	4.11	20.7	10 38.28	58 3 1.7	57.6980
54		12 2.29	57 11 4.6	1	88	4.07	20.5	12 18.22	57 13 34.6	57.6995
55		15 13.99	58 47 45.8	- 3	3	4.22	20.3	15 29.78	58 50 15.6	58.5897
56	8.8	19 15.59	57 13 16.9	- 2	1	4.14	19.9	19 31.45	57 15 44.6	57.7044
57		21 39.16	57 26 46.4	1	3	4.18	19.8	21 54.68	57 29 15.3	57.7061
58		23 56.63	58 56 6.8	1	95	4.32	19.6	24 12.30	58 58 38.8	58.5985
59		25 41.13	57 4 24.4	- 1	96	4.19	19.4	25 56.92	57 6 54.1	56.6787
			65 59 3.5	- 1	2					Tr. Aust.
60	8.8	32 2.44	58 52 55.7	- 3	84	4.39	18.9	32 18.04	58 55 29.9	58.6127
61		33 54.11	58 50 32.1	0	99	4.40	18.7	34 9.70	58 53 4.2	58.6145
62	8.9	35 58.47	57 39 25.7	- 1	95	4.32	18.6	36 14.14	57 41 57.2	57.7157
63	8.6	37 57.68	58 22 9.4	2	0	4.40	18.4	38 13.27	58 24 41.2	58.6250
64		40 12.48	58 36 41.4	1	93	4.44	18.2	40 28.04	58 39 14.7	58.6299
65	9.0	43 21.49	58 25 13.9	0	95	4.44	17.9	43 37.03	58 27 46.9	58.6367
66	8.0	45 35.36	58 45 29.3	0	95	4.50	17.7	45 50.86	58 48 2.9	58.6408
		47 18.13	63 7 19.1	2	95					Tr. Aust.
67		50 35.19	58 23 44.8	- 2	0	4.51	17.2	50 50.66	58 26 17.7	58.6512
68	9.0	53 2.31	57 36 57.6	1	99	4.46	17.0	53 17.83	57 39 30.1	57.7437
69		56 16.32	57 29 29.9	- 1	98	4.47	16.7	56 31.83	57 32 2.5	57.7500
70		16 0 32.81	58 7 0.8	2	88	4.56	16.3	16 0 48.23	58 9 36.1	58.6641

ZONA 47 A

Junio 4 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		13 ^b 0 ^m 6 ^s 15	58° 2' 6".0	2	92	-2.36	+28".4	13 ^b 0 ^m 18 ^s 21	58° 4' 27".2	57° 5883 (248)
2	8.0	2 19.07 5 47.04	52 57 45.3 59 4 47.1	- 3 - 1	7 88			5 58.99	59 7 10.0	58.4723 [7 Muscae]
3	8.9	11 36.61	58 16 4.4	1	0	2.54	28.2	11 48.48	58 18 24.8	58.4770
4		13 9.17	57 46 32.4	1	0	2.55	28.1	13 21.03	57 48 52.3	57.5982
5		15 9.87	58 40 38.1	0	7	2.60	28.2	15 21.69	58 42 59.1	58.4817
6	8.9	18 30.02	58 33 42.6	- 2	5	2.65	28.1	18 41.78	58 36 2.7	58.4845
7		20 45.08	58 49 51.7	- 1	2	2.69	28.1	20 56.80	58 52 12.7	58.4867
8		23 1.11	58 53 14.4	- 2	85	2.73	28.0	23 12.79	58 55 37.8	58.4891
9		24 39.98	58 55 23.5	0	97	2.76	28.0	24 51.63	58 57 45.4	58.4908
10		26 35.71	57 22 7.6	2	95	2.74	27.7	26 47.38	57 24 28.2	57.6115
11		28 40.27	58 33 16.3	- 2	2	2.81	27.8	28 51.87	58 35 37.1	58.4945
12	8.7	34 14.21	52 59 31.1	- 1	0					z Centauri
13	8.7	35 57.13	57 28 58.2	- 2	90	2.88	27.5	36 8.65	57 31 19.9	57.6208
14	8.6	38 0.36	57 22 48.7	- 3	94	2.91	27.4	38 11.85	57 25 9.2	57.6237
15		43 34.96	57 17 34.5	- 3	96	2.98	27.2	43 46.38	57 19 55.3	57.6307
16		45 33.18	58 4 27.1	- 1	97	3.04	27.2	45 44.54	58 6 48.7	57.6339
		48 57.53	57 10 6.1	0	5	3.06	26.9	49 8.86	57 12 25.8	57.6388
		51 13.65	63 13 29.0	- 2	3					[Centa. 294 G]
17		56 22.60	57 25 37.3	0	96	3.17	26.7	56 33.82	57 27 58.9	57.6461
18		58 17.02	57 44 52.0	- 1	99	3.21	26.6	58 28.20	57 47 13.6	57.6482
19	8.8	14 1 26.49	58 45 38.9	0	95	3.30	26.6	14 1 37.59	58 48 2.2	58.5370
20	8.9	4 52.58	58 12 56.2	- 3	5	3.32	26.3	5 3.65	58 15 17.6	58.5397
21	8.6	6 54.27	58 55 42.0	0	94	3.38	26.3	7 5.28	58 58 5.9	58.5416
22	8.4	8 58.39	58 20 21.5	0	98	3.38	26.2	9 9.39	58 22 44.3	58.5431
23	8.0	12 32.47	58 32 5.0	2	95	3.44	26.0	12 43.41	58 34 28.7	58.5465
24		14 28.38	58 28 23.0	- 2	92	3.47	25.9	14 39.29	58 30 47.1	58.5490
		17 47.08	67 45 42.8	0	2					[Circini 10 G]
25	8.0	20 31.18	58 48 36.4	- 2	3	3.57	25.6	20 42.00	58 50 59.6	58.5538
26		22 14.97	58 46 17.9	1	91	3.59	25.5	22 25.77	58 48 43.5	58.5549
27		26 27.85	59 5 6.1	0	97	3.66	25.3	26 38.57	59 7 30.9	58.5586
28	9.0	29 25.65	58 42 11.5	2	2	3.68	25.1	29 36.36	58 44 35.3	58.5616
29	8.5	31 17.25	57 2 41.0	2	8	3.61	24.8	31 28.00	57 5 2.3	56.6358
			60 26 17.6	1	90					z Centauri
30		35 21.08	58 12 22.5	2	98	3.73	24.7	35 31.72	58 14 46.7	58.5672
31		37 41.49	58 38 21.6	- 2	99	3.79	24.6	37 52.07	58 40 46.2	58.5692
		40 48.96	51 58 55.0	- 2	98					[b Lupi]
32	8.2	42 50.11	57 2 19.7	2	97	3.75	24.1	43 0.72	57 4 43.2	56.6445
33	8.8	46 46.27	57 56 0.4	1	96	3.86	23.9	46 56.77	57 58 25.3	57.6817
34		50 47.95	58 48 59.5	- 2	2	3.96	23.7	50 58.36	58 51 24.7	58.5767
35		53 14.99	57 56 0.6	1	5	3.93	23.5	53 25.41	57 58 24.7	57.6866
36	8.9	55 22.59	58 2 51.8	- 3	10	3.97	23.3	55 32.98	58 5 15.3	57.6882
37		57 36.29	58 49 56.4	- 1	94	4.05	23.2	57 46.61	58 52 23.3	58.5797
38	9.0	15 2 4.39	58 14 14.1	- 1	89	4.06	22.9	15 2 14.69	58 16 41.3	58.5826
39		4 40.25	59 3 11.1	- 2	1	4.15	22.7	4 50.46	59 5 37.9	58.5841
40		6 36.05	58 50 42.8	0	3	4.16	22.5	6 46.25	58 53 9.1	58.5853
41	8.9	8 16.03	58 35 0.0	0	0	4.16	22.4	8 26.22	58 37 26.6	58.5861
		10 42.61	68 19 7.1	- 1	2					[7 Triang.]
42	8.0	13 23.64	57 2 40.2	- 3	6	4.10	21.9	13 33.88	57 5 4.4	56.6696
43		15 35.88	58 48 55.6	- 2	1	4.26	21.8	15 45.98	58 51 22.8	58.5960
44		19 17.24	59 5 4.1	0	86	4.32	21.6	19 27.27	59 7 34.1	58.5921
45		21 51.63	58 50 59.8	0	99	4.33	21.3	21 1.65	58 53 27.9	58.5951
46		24 42.39	58 41 35.2	1	90	4.35	21.1	24 52.40	58 44 4.7	58.5996
		28 40.92	65 59 6.7	- 1	1					[z Tr. Aust.]

ZONA 48 A

Junio 11 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Micro.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		12 ^h 58 ^m 31 ^s .82	58 28' 11".4	- 2	96	-2 ^s .20	+29".4	12 ^h 58 ^m 30 ^s .16	58° 30' 33".7	58.4668
2	8.6	13 1 4.22	59 5 43.5	0	99	2.25	29.5	13 1 11.51	59 8 6.2	58.4683
3	8.5	4 3.12	57 16 18.9	1	93	2.28	29.2	4 10.37	57 18 40.5	57.5916
		6 47.79	59 25 26.2	0	8					(249)
4	8.5	10 49.99	58 23 27.0	- 2	98	2.40	29.3	10 57.12	58 25 49.1	58.4763
5		13 18.29	58 50 54.6	0	94	2.45	29.3	13 25.37	58 53 18.9	58.4789
6	8.4	19 34.18	58 25 45.0	0	95	2.54	29.1	19 41.17	58 28 7.9	58.4858
7		21 31.36	59 9 3.5	- 1	1	2.58	29.2	21 38.31	59 11 26.2	58.4879
8	8.0	23 23.19	58 27 26.8	2	98	2.60	29.0	23 30.12	58 29 49.3	58.4894
9		25 14.48	58 13 12.3	- 2	85	2.63	28.9	25 21.38	58 15 36.4	58.4915
10		27 49.39	58 40 48.9	0	0	2.68	28.9	27 56.24	58 43 11.4	58.4934
11	8.4	30 4.69	58 20 2.8	0	4	2.71	28.8	30 11.50	58 23 24.4	58.4956
12		32 12.78	57 43 50.4	- 2	0	2.73	28.7	32 19.57	57 46 12.0	57.6166
		34 19.06	52 59 29.3	- 1	98					Centauri
13		36 11.53	58 18 45.4	- 2	0	2.80	28.7	36 18.26	58 21 7.7	58.5059
14	8.2	38 5.16	58 45 46.3	0	95	2.87	28.7	38 11.81	58 48 9.9	58.5092
15		40 44.18	58 43 20.3	- 2	90	2.89	28.6	40 50.81	58 45 44.7	58.5149
16		45 32.99	57 15 21.5	0	10	2.92	28.2	45 39.57	57 17 36.6	57.6338
17		49 50.57	58 54 32.3	- 1	90	3.04	28.3	49 57.03	58 56 57.2	58.5282
18		52 45.66	57 26 16.2	1	0	3.03	28.0	52 52.13	57 28 38.3	57.6422
		57 38.22	59 55 5.8	0	92					Centauri
19	8.8	14 0 14.20	59 2 26.6	2	6	3.20	27.9	14 0 20.51	59 4 49.8	58.5360
20	8.9	4 57.40	58 12 55.5	- 3	6	3.24	27.6	5 3.66	58 15 17.9	58.5397
21	8.8	6 59.06	58 55 42.5	0	1	3.30	27.6	7 5.26	58 58 6.5	58.5416
22	8.5	9 9.26	58 20 21.3	0	1	3.31	27.4	9 9.45	58 22 44.8	58.5431
23	8.2	12 37.34	58 32 4.1	1	94	3.37	27.3	12 43.47	58 34 29.0	58.5465
24	8.4	14 33.25	58 28 22.3	- 2	91	3.40	27.2	14 39.35	58 30 47.6	58.5490
		17 51.76	67 45 42.4	0	4					Circini 10 G
25	8.0	20 35.95	58 48 35.4	- 2	1	3.50	26.9	20 41.95	58 50 59.9	58.5538
26		22 19.70	58 46 18.5	1	1	3.53	26.8	22 25.66	58 48 43.2	58.5549
27		26 32.78	59 5 8.6	0	20	3.61	26.7	26 38.66	59 7 31.0	58.5582
28		29 30.66	58 42 11.4	2	0	3.63	26.4	29 36.52	58 44 36.2	58.5616
29	8.6	31 22.17	57 2 38.0	- 3	92	3.57	26.1	31 28.08	57 5 2.5	56.6368
30	9.0	37 46.45	58 38 22.0	- 2	1	3.74	26.0	37 52.20	58 40 47.2	58.5692
		40 53.99	51 58 54.3	- 2	99					[b Lupi]
31	8.1	42 55.13	57 2 20.9	2	13	3.72	25.5	43 0.88	57 4 43.1	56.6445
32	8.9	46 51.19	57 56 1.6	1	1	3.83	25.3	46 56.83	57 58 27.1	57.6817
		50 52.94	59 43 16.4	- 2	8					(282)
33	9.0	53 19.89	58 48 59.5	- 2	4	3.93	25.1	50 58.49	58 51 25.4	58.5767
34	8.5	55 27.42	57 55 58.8	0	95	3.91	24.9	53 25.45	57 58 25.2	57.6866
35		57 41.41	58 2 49.2	- 3	95	3.94	24.8	55 32.95	58 5 15.8	57.6882
36	8.9	15 2 9.38	58 49 56.6	- 1	95	4.03	24.7	57 46.85	58 52 24.3	58.5797
37		4 45.07	58 14 14.7	- 1	92	4.05	24.3	15 2 14.80	58 16 42.5	58.5826
38	8.7	6 40.88	59 3 11.5	- 2	4	4.14	24.2	4 50.40	59 5 38.5	58.5841
39		8 21.06	58 50 43.3	0	7	4.15	24.0	6 46.19	58 53 10.0	58.5853
40		10 47.47	58 34 58.5	- 1	90	4.15	23.9	8 26.38	58 37 27.4	58.5861
		13 28.77	68 19 5.6	- 1	93					[γ Triang.]
41	8.0	15 48.54	57 2 38.2	- 3	96	4.09	23.4	13 34.14	57 5 4.8	56.6696
42	8.2		58 47 33.4	- 3	98	4.26	23.3	15 53.75	58 50 1.9	58.5901
43			59 5 6.3	0	4		23.1		59 7 34.6	58.5921
44		21 56.70	58 50 58.7	0	94	4.34	22.8	22 1.81	58 53 28.4	58.5951
45	8.8	24 47.49	58 41 36.7	1	94	4.36	22.6	24 52.59	58 44 6.5	58.5996

ZONA 48 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
46	8.5	15 ^h 26 ^m 53 ^s .38	58°11'21".7	1	4	-4.35	+22.4	15 ^h 26 ^m 58 ^s .49	58°13'49".7	58°6034 [β Tr. Aust. (296)]
		28 45.77	65 59 5.6	- 1	96					
47	8.8	37 1.45	58 40 23.1	0	1	4.50	21.6	37 6.40	58 42 52.8	58.6218
48		41 20.84	57 46 16.0	1	1	4.48	21.2	41 25.81	57 48 45.1	57.7223
49	8.5	43 48.00	57 0 11.4	0	1	4.44	20.9	43 53.00	57 2 39.8	56.6934
50		45 43.92	56 56 32.7	1	6	4.45	20.8	45 48.91	56 59 0.5	56.6957
51	9.0	47 28.82	63 7 22.5	2	3					[β Tr. Aust.]
51	9.0	52 13.53	58 26 54.4	1	93	4.65	20.2	52 18.32	58 29 26.5	58.6544
52	8.7	56 0.10	58 51 56.7	1	98	4.73	19.9	56 4.80	58 54 28.8	58.6593

ZONA 49 A

Junio 12 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		13 ^h 57 ^m 38 ^s .86	59°55'8".3	0	2	-3°20	+28°0	14 ^h 1 ^m 14 ^s .95	59°5'55".4	β Centauri 58.5367
		14 1 9.39	59 3 42.5	- 2	98					
2		6 16.94	57 23 18.1	- 2	8	3.21	27.6	6 22.49	57 25 38.0	57.6527
3		8 24.49	57 57 33.5	- 3	0	3.27	27.6	8 29.98	57 59 55.2	57.6550
4		10 29.48	57 53 9.1	- 2	96	3.30	27.5	10 34.94	57 55 31.4	57.6570
5		12 36.44	58 14 57.2	- 1	94	3.35	27.4	12 41.84	58 17 20.3	58.5464
6	8.9	17 52.53	67 45 42.5	0	96					[Circini 10 G]
7		20 40.98	58 45 32.4	0	96	3.49	27.1	20 46.25	58 47 56.2	58.5539
8	9.0	22 38.16	58 33 48.8	- 2	82	3.51	27.0	22 43.41	58 36 14.5	58.5551
9		26 5.58	57 23 8.4	- 2	0	3.50	26.7	26 10.83	57 25 30.3	57.6681
10		28 43.33	58 25 27.8	0	83	3.59	26.6	28 48.48	58 27 54.6	58.5605
11		60 26 19.7	58 39 35.4	- 1	92	3.71	26.2	36 15.96	58 42 0.5	α Centauri 58.5677
12		38 18.13	58 30 1.6	0	96	3.73	26.1	38 23.15	58 32 26.0	58.5696
13		40 54.58	51 59 55.8	- 1	1					[β Lupi]
14		42 57.10	58 44 56.0	- 1	2	3.81	25.8	43 2.04	58 46 20.1	58.5724
15		49 56.82	58 32 41.5	- 3	95	3.90	25.4	50 1.66	58 33 28.2	58.5742
16		52 6.00	57 27 54.8	- 3	86	3.86	25.1	52 10.87	58 35 5.8	58.5761
17		56 19.60	57 30 15.6	0	97	3.92	24.8	56 24.41	57 32 40.0	57.6856
18	15	59 19.03	58 38 21.7	- 2	96	4.03	24.7	59 23.74	58 40 47.7	58.5806
19		1 31.53	58 19 41.5	- 1	10	4.04	24.6	15 1 36.22	58 22 15.6	58.5820
20	8.3	3 25.76	58 42 59.3	- 3	97	4.09	24.5	3 30.41	58 45 25.5	58.5833
21		51 44 2.5	58 42 49.1	- 3	0	4.16	24.1	8 38.10	58 45 15.2	γ Lupi 58.5866
22	8.0	10 41.70	58 26 24.9	1	94	4.17	23.9	10 46.25	58 28 51.8	58.5875
23		13 29.23	57 2 38.5	2	0	4.10	23.6	13 33.85	57 5 3.3	56.6696
24	8.7	15 41.51	58 48 55.0	- 2	2	4.26	23.5	15 45.98	58 51 21.5	58.5900
25		18 39.61	58 52 36.7	- 3	26	4.30	23.3	18 44.03	58 54 59.0	58.5919
26	8.3	21 12.19	57 48 51.4	- 2	1	4.25	23.0	21 16.66	57 51 17.4	57.7057
26		23 41.36	57 46 13.0	1	7	4.28	22.8	23 45.79	57 48 38.3	57.7070

ZONA 49 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
27		15 ^h 26 ^m 11 ^s 05	57 27 23.2	2	0	-4.28	+22.6	15 ^h 26 ^m 15 ^s 48	57° 29' 49.5	57° 7082
		28 46.50	65 59 7.0	- 1	97					[² Tr. Aust.
28		32 46.18	58 49 1.9	- 1	91	4.47	22.2	32 50.43	58 51 31.4	58.6132
29		34 21.21	58 27 20.6	- 3	0	4.46	22.0	34 25.46	58 29 48.5	58.6154
30		36 23.18	58 29 53.0	- 1	88	4.48	21.8	36 27.42	58 32 22.9	58.6200
31		38 52.50	58 44 2.5	- 1	0	4.53	21.6	38 56.69	58 46 31.1	58.6275
32		41 35.12	57 28 37.7	- 2	90	4.46	21.3	41 39.36	57 31 6.6	57.7230
33	9.0	43 34.38	58 38 12.9	- 2	99	4.58	21.2	43 38.51	58 40 41.9	58.6368
		47 29.54	63 7 23.4	- 3	95					[³ Tr. Aust.
34	8.6	50 5.62	57 17 19.2	- 3	7	4.53	20.6	50 9.79	57 19 46.1	57.7363
35	8.7	52 15.84	57 28 1.9	- 2	12	4.57	20.4	52 19.97	57 30 28.5	57.7416
36		55 44.98	57 50 12.8	0	82	4.64	20.1	55 49.04	57 52 44.5	57.7491
37		58 59.54	57 21 40.6	1	3	4.63	19.7	59 3.60	57 24 9.1	57.7543
		16 7 32.58	63 25 24.9	0	1					[⁶ Tr. Aust.]
38		16 43.18	58 21 37.2	1	0	4.89	18.1	16 46.97	58 24 9.0	58.6777
39		32 29.85	58 6 4.9	1	7	5.00	16.4	32 33.53	58 8 37.0	58.6854
40	8.8	34 26.12	58 53 47.3	- 2	97	5.10	16.2	34 29.69	58 56 21.9	58.6870
41		36 51.65	58 21 42.8	1	1	5.06	16.0	36 55.26	58 24 16.5	58.6879
42		39 56.16	58 8 26.5	- 2	79	5.06	15.6	39 59.77	58 11 3.5	58.6893
43		42 17.56	58 50 44.4	0	97	5.16	15.4	42 21.07	58 53 19.8	58.6906
44	8.9	45 27.65	58 46 17.6	1	92	5.17	15.0	45 31.16	58 48 54.1	58.6918
45		48 19.40	58 38 40.2	- 2	97	5.18	14.7	48 22.90	58 41 16.0	58.6931
46			58 22 42.8	- 3	5		13.9		58 25 18.0	58.6975
		51 26.18	55 48 46.2	- 2	92					[⁷ Arae
47		57 21.48	58 46 38.1	1	3	5.26	13.7	57 24.87	58 49 14.4	58.6985
48		17 0 21.56	58 1 57.5	1	3	5.20	13.4	17 0 25.02	58 4 33.2	58.6998
49		3 6.29	58 34 13.3	- 1	3	5.27	13.1	3 9.69	58 36 49.8	58.7006
50		5 28.82	58 26 45.4	1	2	5.27	12.8	5 32.21	58 29 22.3	58.7014
51		8 23.56	58 7 27.9	2	0	5.25	12.5	8 26.97	58 10 5.1	58.7027
52		10 25.84	58 2 7.7	2	91	5.26	12.2	10 29.23	58 4 43.7	58.7051
53			58 20 32.3	0	0		11.7		58 23 10.5	58.7086
		18 5.34	55 24 24.3	- 1	99					[⁸ Arae

ZONA 50 A

Junio 18 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
						-	+			
1		14 ^h 3 ^m 28 ^s 10	58° 7' 33.0	2	96	-3.11	+28.7	14 ^h 3 ^m 28 ^s 99	58° 9' 55.3	57° 6508
2		6 39.37	57 52 27.3	2	0	3.15	28.6	6 40.22	57 54 48.8	57.6530
3		9 9.87	58 6 9.2	1	95	3.20	28.5	9 10.67	58 8 31.7	57.6558
		14 17.58	55 57 7.6	2	98					[² Centauri]
4		16 26.24	58 1 39.7	1	9	3.31	28.2	16 26.92	58 4 0.4	57.6619
5	8.6	21 38.42	58 0 18.9	0	4	3.39	27.9	21 39.02	58 2 40.5	57.6649
6		26 24.14	58 2 53.0	- 3	5	3.47	27.7	26 24.66	58 5 14.7	57.6683
7		29 14.83	57 56 7.0	1	5	3.50	27.6	29 15.31	57 58 28.9	57.6698
8	8.5	30 50.40	58 1 14.7	1	1	3.53	27.5	30 50.85	58 3 37.3	57.6712

ZONA 50 A (Continuación)

N.	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
			60° 26' 20.5	1	1					α Centauri
		14 ^h 35 ^m 32.38	64 33 34.7	— 2	95					[α Circini]
9		38 31.00	58 4 21.5	— 1	1	— 3.65	+ 27.1	14 ^h 38 31.33	58° 6' 44.5	57° 6' 77.2
10		40 49.58	57 16 35.1	1	1	3.64	26.8	40 49.91	57 18 58.4	57.6785
11		46 56.65	57 56 2.9	1	0	3.77	26.6	46 56.85	57 58 26.5	57.6817
12	8.9	48 32.80	57 51 19.0	1	92	3.79	26.4	48 32.97	57 53 43.8	57.6832
13	8.2	50 31.97	57 48 11.7	— 2	10	3.81	26.3	50 32.12	57 50 33.8	57.6846
14		53 25.16	57 55 59.9	0	94	3.86	26.2	53 25.27	57 58 24.7	57.6866
15	8.1	56 24.43	57 30 16.1	0	94	3.89	25.9	56 24.50	57 32 40.7	57.6887
16		15 3 34.44	57 32 35.3	2	94	3.98	25.4	15 3 34.42	57 35 0.4	57.6922
17		4 46.96	57 33 16.7	— 2	8	3.99	25.4	4 46.92	57 35 30.9	57.6930
18	8.7		57 59 5.3	— 1	3		25.2		58 1 20.7	57.6957
19	8.8	19 44.57	57 37 41.8	2	2	4.20	24.3	19 44.32	57 40 7.0	57.7046
20		22 43.92	58 0 43.8	0	6	4.27	24.1	22 43.60	58 3 9.0	57.7066
		28 51.28	65 59 8.8	— 1	3					[Tr. Aust.]
21	8.3	32 8.03	57 22 57.2	— 3	99	4.34	23.3	32 7.63	57 25 23.4	57.7121
22		34 17.69	57 12 17.7	— 3	14	4.35	23.1	34 17.28	57 14 41.7	57.7141
23	8.4	36 3.97	57 47 54.6	— 3	99	4.42	23.0	36 3.49	57 50 21.6	57.7155
24	8.7	38 8.94	57 34 46.6	— 1	10	4.43	22.8	38 8.45	57 37 11.9	57.7184
25		40 21.72	57 27 58.0	— 3	4	4.44	22.6	40 21.21	57 30 24.3	57.7211
26		43 32.30	57 21 15.2	1	3	4.47	22.3	43 31.75	57 23 41.8	57.7264
		47 34.36	63 7 25.1	2	4					[Tr. Aust.]
27		50 52.77	58 0 17.0	0	5	4.61	21.7	50 52.10	58 2 44.7	57.7377
28		52 55.17	57 45 38.4	0	3	4.61	21.5	52 54.49	57 48 6.3	57.7428
29		55 10.40	57 16 58.3	1	88	4.60	21.3	55 9.72	57 19 28.1	57.7476
30		16 3 2.22	57 29 26.1	— 1	91	4.70	20.6	16 3 1.44	57 31 56.3	57.7629
31		4 48.10	57 47 31.5	2	2	4.75	20.4	4 47.27	57 50 0.8	57.7664
		7 37.34	63 25 24.5	0	96					[Tr. Aust.]
32	8.7	10 10.86	58 8 15.4	— 2	95	4.84	19.9	10 9.95	58 10 46.5	58.6722
33	8.5	12 8.34	57 50 23.4	0	6	4.83	19.7	12 7.43	57 52 52.7	57.7842
34	8.8	14 2.01	58 15 35.6	0	91	4.89	19.6	14 1.05	58 18 7.8	58.6757
35		16 47.05	57 2 27.2	2	1	4.80	19.2	16 46.16	57 4 57.0	56.7645
		19 14.78	69 50 44.6	0	0					[Tr. Aust.]
36	8.6	22 29.55	58 2 56.5	— 3	97	4.95	18.7	22 28.52	58 5 28.4	58.6809
37	8.8	24 29.51	57 28 29.6	— 2	93	4.92	18.4	24 28.50	57 31 1.7	57.8047
38		26 15.11	59 0 41.8	0	89	5.09	18.4	26 13.95	59 3 16.5	58.6829
39		28 2.13	57 7 48.4	2	97	4.92	18.1	28 1.12	57 10 20.1	57.8069
40		30 26.89	58 59 27.5	— 1	8	5.13	17.9	30 25.69	59 1 59.9	58.6842
41		32 15.72	57 30 8.2	0	12	4.99	17.7	32 14.64	57 32 38.5	57.8093
42		34 3.69	59 43 54.5	— 2	95	5.24	17.6	34 2.37	59 46 30.0	50.6803
43		36 39.07	59 16 4.4	1	0	5.22	17.3	36 37.77	59 18 38.9	59.6812
		39 35.60	68 49 29.3	— 1	3					[Tr. Aust.]
44		42 34.13	57 23 44.3	— 2	9	5.07	16.7	42 32.96	57 26 15.9	57.8134
45		44 54.05				5.09		44 52.86		57.8149
46		46 56.64	58 3 48.6	— 2	98	5.18	16.1	46 55.37	58 6 23.1	58.6922
47		49 30.59	57 11 45.3	1	94	5.11	15.8	49 29.38	57 14 19.8	57.8176
		51 30.97	55 48 46.9	— 2	96					[Tr. Arae]
48			58 47 13.5	2	7		15.3		58 49 48.5	58.6964
49	8.8		57 23 48.6	— 2	2		15.0		57 26 22.8	57.8260
50			58 59 9.9	— 1	5		14.6		59 1 46.0	58.7000
51	8.7	17 3 27.96	57 0 41.7	0	93	5.19	14.2	17 3 26.66	57 3 17.6	57.8342
52		5 26.99	58 1 19.3	1	6	5.31	14.0	5 25.58	58 3 34.7	58.7012
53		7 53.31	57 40 27.7	0	0	5.29	13.7	7 51.91	57 43 3.8	57.8391
54		9 35.27	58 17 34.5	2	0	5.37	13.5	9 33.79	58 20 11.7	58.7037
55			57 30 21.5	0	8		13.3		57 32 56.7	57.8426
56		13 18.69	58 39 12.4	— 1	95	5.44	13.1	13 17.14	58 41 51.1	58.7069
57		15 31.53	57 52 54.3	— 3	7	5.36	12.8	15 30.06	57 55 31.6	57.8478

ZONA 50 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.	
58		17 ^h 18 ^m 10 ^s 12	55° 24' 25".0	— 1	3		+12".2		58° 2' 14".2	β Arae	
			57 59 37.0	— 1	6					58° 7' 138	
59	8.7	23 21.75	60 34 5.5	— 1	97	—5".49	11.5	17 ^h 26 42 ^s 99	58 28 9.7	γ Arae	
60		26 44.59	58 25 31.2	0	2					11.1	58 28 9.7
61	8.9		57 1 3.3	1	1		10.9		57 3 41.3	57.8635	
62			58 41 52.5	1	93					10.7	58 44 33.8
63	8.9	37 19.85	64 38 14.3	— 2	6	5.52	10.0	39 22.78	57 3 38.2	57.8667	
64		39 24.42	58 6 54.2	1	99				58 9 34.9	58.7253	
65	8.9		58 0 46.4	0	28		9.7		58 3 23.1	58.7266	
66			58 25 19.8	0	93				9.3	58 28 2.4	58.7281
67	8.2	51 15.02	58 35 56.2	0	94	5.63	8.8	51 13.26	58.7289	γ Pavonis	
68	8.5	53 28.03	58 24 24.6	— 1	97	5.62	8.2	53 26.28	58 38 39.3	58.7302	
69	8.7	55 45.25	57 17 1.1	2	96	5.49	8.0	55 43.62	58 27 7.6	58.7310	
70		57 41.54	58 34 32.4	— 1	3	5.65	7.7	57 39.76	57 19 43.2	57.8849	
		59 57.12	50 3 20.0	— 2	97				58 37 15.1	58.7330	θ Arae

ZONA 51 A

Junio 26 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.8	14 ^h 49 ^m 10 ^s 68	58° 27' 11".9	2	94	—3".73	+27".8	14 ^h 49 ^m 4 ^s 14	58° 29' 34".5	58° 57' 56
2			51 4.95	58 49 2.5	— 1	0	3.78	27.7	50 58.37	58 51 24.6
3	8.1	15	58 2 54.0	— 3	97	3.81	27.3	55 32.89	58 5 16.0	57.6882
4			57 53.45	58 50 0.4	0	0	3.89	27.3	57 46.75	58 52 23.0
5	9.0	2 18.09	58 46 18.0	1	93	3.95	27.1	15 2 11.32	58 48 41.8	58.5825
6		4 36.15	58 30 19.3	0	95	3.97	26.9	4 29.36	58 32 42.7	58.5838
7	8.4		51 44 5.7	— 1	97	3.99	26.5	8 35.18	57 51 8.3	57.6960
8			8 41.99	57 48 45.5	— 2				96	58 32 42.7
9	7.8		58 26 27.6	1	94	4.14	26.1	15 22.15	58 32 50.7	58.5896
10			10 53.11	58 30 26.7	0				96	4.06
11	8.3		56 59 3.2	— 1	0	4.09	25.6	19 3.94	56 59 21.8	56.6745
12			17 16.89	56 56 59.5	1				99	4.20
13	8.7		58 10 8.2	0	0	4.27	25.6	23 30.88	58 48 14.0	58.5976
14			21 33.12	58 45 49.7	0				0	4.25
15	8.2		57 51 38.5	1	0	4.41	25.0	30 59.72	59 7 18.6	58.6110
16			26 21.97	65 59 10.6	— 1				95	4.42
17	8.1		59 4 54.3	— 1	6	4.44	24.6	35 52.87	58 36 52.6	58.6183
18			31 6.96	58 48 58.4	— 2				99	4.48
19	8.4		58 34 28.5	— 1	5	4.52	24.3	40 26.13	58 54 35.0	58.6298
20			36 0.15	58 48 39.3	— 2				4	4.51
21	8.2		58 52 8.8	2	97	4.67	23.4	50 18.75	59 5 13.4	58.6502
22			40 33.48	58 11 55.0	1				0	58 54 35.0
23	8.2		63 7 27.3	2	4				58 14 20.3	58.6357
24			47 41.08	59 2 46.5	2				0	58 14 20.3
25			59 2 46.5	2	0				59 5 13.4	58.6502

ZONA 51 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
21	7.9	15 ^b 52 ^m 25 ^s 65	58°26'19".1	1	4	-4.65	+23.2	15 ^b 52 ^m 18 ^s 16	58°28'45".0	58.6543
22		55 53.69	57 33 38.0	- 2	90	4.61	22.8	55 46.23	57 36 5.1	57.7487
23		58 23.85	58 56 10.9	1	1	4.77	22.7	58 16.24	58 58 38.1	58.6627
24	7.6	16 1 1.93	58 41 51.9	1	97	4.78	22.4	16 0 54.30	58 44 19.8	58.6642
25	8.8	3 10.82	58 45 17.5	0	95	4.81	22.2	3 3.16	58 47 45.9	58.6659
26		5 19.72	57 44 35.1	- 1	96	4.75	21.9	5 12.11	57 47 2.3	57.7667
		7 44.18	63 25 27.6	0	97					[5 Tr. Aust.]
27		10 29.78	57 50 3.5	0	2	4.82	21.4	10 22.10	57 52 30.5	57.7762
28	8.7	14 10.06	57 4 52.0	- 1	96	4.79	21.0	14 2.41	57 7 19.3	57.7907
29		16 54.85	58 21 40.6	1	97	4.94	20.9	16 47.05	58 24 9.6	58.6777
		19 21.55	69 50 47.8	0	2					[5 Tr. Aust.]
30		33 3.05	57 5 33.5	0	94	4.99	19.1	32 55.19	57 8 3.1	57.8098
		39 42.48	68 49 32.4	- 1	1					z Tr. Aust.

ZONA 52 A

Julio 3 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		15 ^b 6 ^m 18 ^s 51	51°44' 6".4	- 1	99					z Lupi
		8 48.03	57 48 45.0	- 2	90	-3.90	+27.5	15 ^b 8 ^m 35 ^s 04	57°51' 8".4	57.6960
2		10 59.23	58 26 28.4	1	98					[3 Circini]
3		15 35.23	58 30 28.1	0	0	4.05	27.2	15 22.10	58 32 51.3	58.5896
4		17 23.04	56 59 3.9	- 1	4	3.98	26.8	17 9.96	57 1 25.0	56.6729
5		19 17.14	56 56 59.3	1	0	4.01	26.7	19 4.03	56 59 21.3	56.6745
6		21 39.38	58 10 7.7	0	97	4.12	26.7	21 26.17	58 12 31.4	58.5943
7		23 44.13	58 45 49.2	0	97	4.19	26.7	23 30.85	58 48 13.7	58.5976
8		26 28.30	57 51 37.7	1	92	4.17	26.3	26 15.03	57 54 2.2	57.7081
		29 4.17	65 59 11.0	- 1	99					[5 Tr. Aust.]
9		31 13.10	59 4 54.1	- 1	4	4.33	26.2	30 59.68	59 7 18.4	58.6110
10		33 35.55	58 48 58.9	- 2	4	4.35	26.0	33 22.10	58 51 23.2	58.6139
11		36 6.25	58 34 28.0	- 1	3	4.37	25.7	35 52.79	58 36 52.3	58.6183
12		38 12.18	58 48 38.3	- 2	93	4.42	25.6	37 58.66	58 51 4.4	58.6243
13		40 39.64	58 52 9.7	2	98	4.49	25.4	40 26.05	58 54 35.5	58.6298
		43 34.61	58 11 55.0	1	97	4.45	25.1	43 21.06	58 14 20.5	58.6357
14		47 47.19	63 7 28.0	2	3					[3 Tr. Aust.]
15		50 32.37	59 2 47.0	2	0	4.62	24.6	50 18.65	59 5 13.6	58.6502
16		52 31.76	58 26 19.4	1	1	4.59	24.4	52 18.07	58 28 45.3	58.6543
17		58 30.03	58 56 12.2	1	6	4.72	23.9	58 16.20	58 58 38.4	58.6627
18	16	1 8.09	58 41 52.0	1	95	4.74	23.7	16 0 54.24	58 44 19.8	58.6642
		3 17.02	58 45 19.1	0	4	4.77	23.5	3 3.14	58 47 45.7	58.6659
		7 50.34	63 25 28.3	0	0					[5 Tr. Aust.]
19		14 16.39	57 4 50.8	- 1	98	4.77	22.2	14 2.49	57 7 17.6	57.7907
20		17 0.96	58 21 41.2	1	0	4.92	22.2	16 46.93	58 24 9.4	58.6777
		19 27.79	69 50 47.6	0	97					[5 Tr. Aust.]
21		30 53.98	58 24 51.7	- 1	98	5.09	20.8	30 39.77	58 27 21.5	58.6844
22		33 9.22	57 5 35.1	0	3	4.99	20.4	32 55.09	57 8 3.0	57.8098

ZONA 52 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
23		16 ^h 37 ^m 0 ^s .60	58° 21' 47".0	1	0	-5.16	+20.1	16 ^h 36 ^m 55 ^s .32	58° 24' 17".2	58° 68' 79"
		39 48.43	68 49 33.0	- 1	97					z Tr. Aust.
24		42 35.53	58 50 50.0	0	2	5.27	19.6	42 21.12	58 53 21.0	58.6906
25		45 11.56	57 4 27.0	- 1	6	5.12	19.1	44 57.29	57 6 55.7	57.8150
26		47 27.29	58 43 34.1	- 2	98	5.31	19.1	47 12.84	58 46 6.0	58.6924
27			58 32 3.0	2	8		18.8		58 34 30.7	58.6938
		51 44.16	55 48 50.8	- 2	97					z Arae
28		54 40.02	58 52 38.1	- 3	93	5.41	18.3	54 25.47	58 55 11.7	58.6965

ZONA 53 A

Julio 16 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		15 ^h 47 ^m 57 ^s .24	63° 11' 4".7	1	2					z Tr. Aust.
1		50 42.59	59 6 21.9	1	4	-4.43	+26.6	15 ^h 50 ^m 18 ^s .62	59° 5' 12".3	58° 65' 02"
2		52 42.03	58 29 56.3	- 1	98	4.42	26.3	52 18.05	58 28 45.4	58.6543
3		56 10.02	57 37 16.3	2	97	4.41	25.9	55 46.03	57 36 4.7	57.7487
4			58 32 10.3	2	20		25.6		58 31 3.4	58.6643
			63 29 6.7	- 1	96					z Tr. Aust.
5		16 10 34.23	58 11 54.7	1	97	4.66	24.8	16 10 9.99	58 10 44.9	58.6722
6		14 25.43	58 19 17.8	- 1	96	4.74	24.5	14 1.12	58 18 8.2	58.6757
7		17 10.41	57 6 7.1	1	0	4.67	24.0	16 46.15	57 4 57.1	57.7645
		19 37.64	69 54 25.8	- 1	0					z Tr. Aust.
8		22 53.05	58 6 35.7	1	4	4.84	23.7	22 28.63	58 5 27.9	58.6809
9		24 52.93	57 32 10.2	2	0	4.82	23.4	24 28.51	57 31 1.5	57.8047
10		28 25.70	57 11 29.3	2	0	4.84	23.0	28 1.26	57 10 19.9	57.8069
11			59 3 6.8	1	96		4.84		59 2 0.7	58.6842
			59 3 6.8	- 2	5		23.1		59 2 0.7	57.8093
12		32 39.42	57 33 47.8	- 2	99	4.93	22.7	32 14.89	57 32 39.5	59.6803
13		34 27.13	59 47 36.2	- 3	2	5.16	22.9	34 2.42	59 46 30.8	59.6803
14		37 2.50	59 19 46.2	- 1	97	5.15	22.6	36 37.79	59 18 39.9	59.6812
		39 58.65	68 53 11.1	- 2	99					z Tr. Aust.
15		47 20.24	58 7 27.5	- 3	0	5.17	21.3	46 55.47	58 6 21.3	58.6922
16		49 54.29	57 15 26.9	0	99	5.12	20.9	49 29.56	57 14 18.9	57.8176
		51 54.59	55 52 27.4	- 2	3					z Arae
17		54 44.42	58 50 52.8	0	6	5.34	20.7	54 19.49	58 49 49.1	58.6964
18	8.7	57 3.63	57 27 27.8	2	6	5.22	20.2	56 38.79	57 26 23.0	57.8260
19		59 16.59	58 8 11.1	- 2	12	5.32	20.0	58 51.66	58 7 8.0	58.6991
20		17 1 23.75	59 2 49.9	- 3	99	5.44	20.0	17 0 58.70	59 1 46.0	58.7000
21		3 51.67	57 4 23.5	- 1	3	5.27	19.4	3 26.78	57 3 18.5	57.8342
22		5 50.53	58 4 59.9	- 1	98	5.39	19.3	5 25.53	58 3 55.6	58.7012
23		8 17.05	57 44 8.2	- 1	2	5.38	19.0	7 52.05	57 43 4.2	57.8391
24		9 58.64	58 21 16.2	- 1	0	5.47	18.9	9 33.57	58 20 12.8	58.7037
25		11 55.38	57 34 1.7	- 1	96	5.41	18.6	11 30.35	57 32 57.1	57.8426
26		13 42.36	58 42 55.3	- 3	95	5.55	18.6	13 17.20	58 41 51.9	58.7069
27		15 55.24	57 56 34.9	1	95	5.49	18.2	15 30.13	57 55 31.1	57.8478
		18 33.73	55 28 4.9	- 2	1					z Arae

ZONA 53 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
28		17 ^h 21 ^m 34 ^s .06	58° 3 16.5	— 2	2	-5.56	+17.5	17 ^h 21 ^m 8.88	58° 2' 14".4	58.7138
			60 37 47.0	— 3	2					7 Arae
29			58 29 11.6	— 1	5		16.9		58 28 11.0	58.7176
30		30 1.78	57 4 42.0	— 1	8	5.67	16.4	29 36.50	57 3 40.8	57.8635
31		31 50.05	58 45 34.9	0	2	5.75	16.4	31 24.68	58 44 34.8	58.7210
32		34 3.74	57 4 45.8	— 1	68	5.58	15.9	33 38.52	57 3 39.3	57.8667
		37 43.34	64 41 54.9	1	2					7 Pavonis
33		39 48.20	58 10 35.1	0	3	5.76	15.4	39 22.82	58 9 35.6	58.7253
34		42 20.16	58 4 23.5	— 1	98	5.77	15.0	41 54.76	58 3 23.4	58.7266
35		45 19.31	58 29 1.4	— 1	9	5.85	14.7	44 53.83	58 28 3.7	58.7281
36		47 18.13	58 54 28.1	— 1	3	5.92	14.5	46 52.59	58 53 30.2	58.7289
37		49 10.11	57 25 57.0	0	5	5.76	14.1	48 44.70	57 24 58.2	57.8792
38		51 38.86	58 39 36.6	— 1	1	5.93	14.0	51 13.30	58 38 38.7	58.7302
39		53 51.57	58 28 5.6	— 2	1	5.92	13.6	53 26.02	58 27 7.7	58.7310
40		56 9.01	57 20 42.4	0	98	5.80	13.2	55 43.56	57 19 43.3	57.8849
41		58 5.40	58 38 14.0	— 2	92	5.98	13.1	57 39.79	58 37 15.5	58.7330
	18	0 21.05	50 6 58.7	1	1					9 Arae
42		2 58.93	58 59 51.2	— 1	0	5.93	12.5	18 2 33.37	58 58 55.0	58.7345
43		5 18.77	58 40 2.0	0	1	6.04	12.2	4 53.09	58 39 5.8	58.7353
44		9 29.84	57 29 20.5	— 1	2	5.92	11.5	9 4.26	57 28 23.8	57.8952
45		11 58.57	58 0 37.8	0	4	6.00	11.2	11 32.92	57 59 42.2	58.7369
		15 44.26	61 32 54.8	— 3	5					[ε Pavonis]
46		20 31.98	57 5 43.2	0	80	5.95	10.0	20 6.36	57 4 44.4	57.9041
47		22 57.82	57 35 33.3	0	1	6.02	9.8	22 32.13	57 34 38.3	57.9061
48		24 38.65	57 3 26.0	— 2	99	5.97	9.5	24 13.01	57 2 30.3	57.9074
49		26 22.78	58 46 59.5	1	96	6.20	9.4	25 56.93	58 46 5.6	58.7418
50		28 54.91	58 38 27.9	— 2	4	6.20	9.0	28 29.06	58 37 35.3	58.7435
		33 27.99	71 30 48.7	0	0					7 Pavonis
51		36 29.76	58 56 49.1	1	2	6.28	7.9	36 3.83	58 55 57.7	58.7473
52		39 0.72	57 41 15.4	1	97	6.12	7.6	38 34.92	57 40 22.1	57.9182
53		40 52.86	57 20 2.2	0	97	6.09	7.3	40 27.09	57 19 8.8	57.9196
54			57 21 17.2	1	95		7.1		57 20 23.8	57.9210
		44 41.59	62 18 2.1	— 2	95					λ Pavonis
55		48 26.68	58 22 33.9	— 3	82	6.26	6.3	48 0.75	58 21 40.4	58.7523
56		51 48.15	57 2 27.2	— 3	0	6.10	5.7	51 22.36	57 1 35.4	57.9278
57		55 5.66	57 35 30.9	0	6	6.18	5.3	54 39.79	57 34 41.1	57.9290
58		59 6.22	58 17 49.9	— 3	15	6.29	4.8	58 40.26	58 17 2.6	58.7575
59	19	7 6.23	57 47 7.7	2	99	6.25	3.6	19 6 40.28	57 46 18.8	57.9343
		9 1.00	66 49 15.6	— 1	3					Pavonis 60 G
60		12 19.45	58 53 20.6	— 2	93	6.41	3.0	11 53.37	58 52 32.7	58.7603
		29 15.49	48 18 3.9	— 2	2					[ι Telesco.]
61		31 38.24	58 11 13.0	1	1	6.35	0.2	31 12.20	58 10 28.4	58.7627
62		34 4.52	58 28 42.9	— 2	2	6.39	— 0.2	33 38.44	58 27 59.0	58.7639
63		36 55.53	58 31 47.8	1	14	6.40	0.6	36 29.43	58 31 6.2	58.7645
64		38 58.60	59 48 41.4	— 2	92	6.59	0.8	38 32.34	59 47 58.3	59.7519
		41 26.04	56 34 57.9	— 1	4					[ν Telesco.]
65		43 44.15	57 28 33.4	— 2	5	6.26	1.0	43 18.17	57 27 49.6	57.9501
66		48 15.36	57 48 5.7	— 2	6	6.30	2.2	47 49.34	57 47 23.6	57.9523
67		51 12.10				6.19		50 46.19		57.9552
68		53 9.48	57 6 47.2	1	6	6.20	3.0	52 43.55	57 6 5.1	57.9567
69		55 42.94	58 43 54.7	— 2	0	6.42	3.3	55 16.81	58 43 12.8	58.7695
70		58 31.79	59 47 36.1	— 3	8	6.57	3.7	58 5.54	59 46 58.1	59.7571
	20	0 45.56	66 24 39.5	— 1	0					δ Pavonis

ZONA 54 A

Julio 17 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		17 ^h 23 ^m 46 ^s 06	60° 37' 47.6	— 3	3					♁ Arae
1		27 9.12	58 29 12.9	— 1	0	-5.66	+17.1	17 ^h 26 42.96	58 28 10.9	58.7176
2		30 2.40	57 4 44.8	— 1	1	5.54	16.6	29 36.33	57 3 41.9	57.8635
3		31 50.74	58 45 34.3	0	10	5.75	16.6	31 24.49	58 44 34.7	58.7210
4		34 4.50	57 4 42.4	— 1	90	5.58	16.1	33 38.39	57 3 38.3	57.8667
		37 44.24	64 41 54.6	1	8					♁ Pavonis
5			58 4 24.3	— 1	1		15.3		58 3 23.8	58.7266
6		45 20.07	58 29 1.1	— 1	1	5.84	14.9	44 53.72	58 28 1.5	58.7281
7		47 18.95	58 54 29.2	— 1	98	5.92	14.7	46 52.52	58 53 29.9	58.7289
8		49 11.03	57 25 59.8	0	92	5.75	14.3	48 44.75	57 24 59.5	57.8792
9		51 39.70	58 39 38.6	— 1	97	5.92	14.1	51 13.27	58 38 39.4	58.7302
10		53 52.58	58 28 5.8	— 2	97	5.92	13.8	53 26.15	58 27 6.6	58.7310
		18 0 22.00	50 6 59.6	1	98					♁ Arae
11		5 19.60	58 40 2.8	0	94	6.04	12.4	18 4 53.04	58 39 4.9	58.7353
12		7 50.17	57 1 16.0	1	2	5.86	11.9	7 23.76	57 0 17.9	57.8939
13		9 30.61	57 29 21.3	— 1	4	5.92	11.7	9 4.15	57 28 24.1	57.8952
14		11 59.36	58 0 59.6	0	0	6.01	11.4	11 32.81	57 59 42.7	58.7369
		15 45.07	61 32 56.4	— 3	0					♁ Pavonis
15		18 6.73	57 25 1.9	0	7	5.97	10.6	17 40.20	57 24 6.4	57.9019
16		20 32.70	57 5 40.4	0	3	5.95	10.2	20 6.19	57 4 44.2	57.9041
17		22 41.63	57 35 23.8	0	7	6.03	10.0	22 15.05	57 34 29.0	57.9061
18		26 23.71	58 47 0.0	0	99	6.20	9.6	25 56.38	58 46 5.8	58.7418
19		28 55.64	58 38 29.7	— 2	97	6.20	9.2	28 28.91	58 37 35.4	58.7435
		33 28.66	71 30 49.5	0	0					♁ Pavonis
20		36 30.63	58 56 48.2	1	8	6.29	8.2	36 3.80	58 55 55.7	58.7473
21		39 1.54	57 41 13.3	1	18	6.13	7.8	38 34.85	57 40 22.5	57.9182
22		40 53.76	57 20 0.8	0	97	6.10	7.5	40 27.99	57 19 6.7	57.9196
23		42 31.50	57 21 16.1	1	11	6.11	7.2	42 4.82	57 20 24.4	57.9210
		44 42.31	62 18 1.2	— 2	5					♁ Pavonis
24		48 27.63	58 22 32.9	— 3	92	6.27	6.5	48 0.80	58 21 40.2	58.7523
25		51 48.95	57 2 27.2	— 3	2	6.11	5.9	51 22.26	57 1 35.0	57.9278
26		55 6.55	57 35 32.0	0	5	6.19	5.5	54 39.79	57 34 41.4	57.9290
27		56 47.88	57 49 16.1	— 1	7	6.24	5.0	56 21.07	57 48 26.5	57.9297
28		59 7.16	58 17 58.7	— 3	99	6.30	5.0	58 40.30	58 17 8.5	58.7575
29		19 7 7.12	57 47 8.2	2	1	6.26	3.8	19 6 40.28	57 46 19.0	57.9343
		9 1.87	66 49 16.6	— 1	4					♁ Pavonis 60 G
30		12 20.30	58 53 19.8	— 2	1	6.43	3.2	11 53.31	58 52 32.4	58.7603 (379)
		29 16.37	54 30 42.6	0	4					♁ Telesco.]
31		31 39.15	48 18 4.5	— 2	0	6.36	0.4	31 12.21	58 10 27.7	58.7627
32		34 5.44	58 11 14.5	1	91	6.40	0.0	33 38.47	58 27 58.8	58.7639
33		36 56.55	58 28 43.9	— 2	98	6.41	— 0.4	36 29.56	58 31 5.9	58.7645
34		38 59.89	58 31 49.9	1	2	6.41	0.6	38 32.73	59 47 58.2	59.7519
		41 26.85	59 48 40.8	— 2	0	6.60				♁ Telesco.]
35		43 18.80	56 34 58.4	— 1	4		1.4	42 51.93	57 26 7.9	57.9500
36		45 17.23	57 26 52.9	1	97	6.27	1.7	44 50.39	57 9 49.6	57.9505
37		48 16.17	57 10 33.8	0	3	6.23	2.1	47 49.26	57 47 23.1	57.9533
38		51 12.96	57 48 6.7	— 2	0	6.31	2.5	50 46.14	56 58 29.5	57.9552
39		53 16.30	56 59 13.5	— 1	0	6.20	2.8	52 43.46	57 6 5.3	57.9567
40		55 43.81	57 6 50.1	— 1	92	6.22	3.1	55 16.78	58 43 13.6	58.7695
41		58 32.43	58 43 53.9	— 2	7	6.44	3.5	58 5.27	59 46 58.3	59.7571
		20 0 46.42	59 47 37.2	— 3	6	6.59				♁ Pavonis
			66 24 41.4	— 1	95					

ZONA 55 A

Julio 19 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		16 ⁿ 45 ^m 20 ^s 02	57° 27' 1.2	2	18	-5.05	+21.9	16 ⁿ 44 ^m 52 ^s 81	57° 25' 57.1	57° 8149
2		47 22.69	58 7 29.7	- 3	97	5.14	21.8	46 55.40	58 6 23.5	58.6922
3		49 56.73	57 15 25.2	0	5	5.10	21.4	49 29.46	57 14 19.5	57.8176
		51 56.91	55 52 28.5	2	97					γ Arae
4		54 46.89	58 50 52.5	0	5	5.31	21.1	54 19.43	58 49 48.9	58.6964
5		57 6.01	57 27 28.0	2	98	5.20	20.7	56 38.67	57 26 22.3	57.8260
6	8.7	59 28.02	58 7 1.2	2	99	5.29	20.5	59 0.57	58 5 56.5	58.6991
7		17 1 26.44	59 2 49.6	- 3	0	5.41	20.5	17 0 58.88	59 1 46.2	58.7000
8	8.6	3 54.16	57 4 23.0	- 1	1	5.24	19.9	3 26.74	57 3 18.0	57.8342
9		5 53.03	58 4 58.0	- 1	6	5.36	19.8	5 25.51	58 3 55.0	58.7012
10		8 19.47	57 44 8.2	- 1	98	5.36	19.5	7 51.94	57 43 3.9	57.8391
11	8.7	10 1.32	58 21 15.0	1	8	5.44	19.4	9 33.71	58 20 13.0	58.7037
12	9.0	11 57.96	57 33 59.4	- 2	8	5.38	19.1	11 30.40	57 32 56.9	57.8426
13	8.9	13 44.87	58 42 53.5	- 3	99	5.53	19.1	13 17.18	58 41 49.8	58.7069
14		15 57.72	57 56 33.9	1	0	5.47	18.7	15 30.08	57 55 29.8	57.8478
		18 36.22	55 28 3.8	- 2	4					β Arae
15	8.9	21 36.48	58 3 17.8	- 2	94	5.55	18.1	21 8.76	58 2 14.7	58.7138
		23 47.88	60 37 46.1	- 3	7					δ Arae
16		27 10.78	58 29 12.1	- 1	0	5.65	17.5	26 42.96	58 28 11.0	58.7176
17	8.7	30 4.29	57 4 44.5	- 1	95	5.53	16.9	29 36.56	57 3 41.6	57.8635
18	8.5	31 52.57	58 45 35.1	0	0	5.74	17.0	31 24.66	58 44 34.9	58.7210
19	8.7	34 6.29	57 4 40.8	- 1	97	5.57	16.4	33 38.52	57 3 38.7	57.8667
			64 41 55.8	1	99					γ Pavonis
20		39 50.71	58 10 36.8	0	89	5.75	15.9	39 22.78	58 9 35.3	58.7253
21	8.9	42 22.76	58 4 21.9	- 1	5	5.76	15.6	41 54.81	58 3 22.9	58.7266
22	8.7	45 21.83	58 29 1.1	- 1	10	5.84	15.3	44 53.81	58 28 3.7	58.7281
23		47 20.68	58 54 27.7	- 1	2	5.91	15.1	46 52.59	58 53 29.8	58.7289
24	8.5	49 12.74	57 25 56.3	0	9	5.75	14.6	48 44.79	57 24 58.1	57.8792
25		51 41.41	58 39 36.8	- 1	7	5.92	14.5	51 13.32	58 38 39.9	58.7302
26	8.6	53 54.29	58 28 5.0	- 2	2	5.92	14.2	53 26.19	58 27 7.4	58.7310
27		56 11.58	57 20 41.6	0	6	5.80	13.8	55 43.57	57 19 43.8	57.8849
28		58 7.96	58 38 11.2	- 2	4	5.98	13.7	57 39.79	58 37 14.7	58.7330
		18 0 23.65	50 6 58.6	1	0					θ Arae
29	8.1	3 1.47	58 59 51.6	- 1	98	6.06	13.1	18 2 33.22	58 58 55.2	58.7345
30		5 21.28	58 40 2.2	0	98	6.04	12.8	4 53.05	58 39 5.7	58.7353
31		7 51.95	57 1 16.1	1	0	5.86	12.2	7 23.87	57 0 18.6	57.8939
32		9 32.50	57 29 20.9	- 1	97	5.93	12.1	9 4.35	57 28 23.6	57.8952
33		12 1.03	58 0 39.6	0	91	6.01	11.8	11 32.82	57 59 42.3	58.7369
		15 46.82	61 32 57.9	- 3	1					[γ Pavonis]
34		20 34.56	57 5 40.8	0	96	5.96	10.7	20 6.37	57 4 44.4	57.9041
35		22 43.35	57 35 25.0	0	97	6.03	10.3	22 15.10	57 34 29.5	57.9061
36		24 41.22	57 3 25.0	- 9	3	5.98	10.0	24 13.01	57 2 30.1	57.9074
37		26 25.48	58 46 58.1	1	7	6.21	10.0	25 57.07	58 46 5.9	58.7418
38	8.7	28 57.28	58 38 29.5	- 2	93	6.21	9.6	28 28.87	58 37 35.4	58.7435
		33 30.57	71 30 49.4	0	95					γ Pavonis
39			57 41 14.3	1	9		8.1		57 40 22.9	57.9182
40			57 20 1.8	1	1		7.6		57 19 9.3	57.9210
		44 44.15	62 17 59.6	- 3	12					γ Pavonis
41		51 50.82	57 2 27.5	- 3	0	6.13	6.3	51 22.45	57 1 35.8	57.9278

ZONA 56 A

Julio 24 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		16 ^b 40 ^m 5.66	68 53' 12.6	— 2	98					z Triangali
1		42 52.93	58 54 26.4	— 1	7	-5°08	+23.1	16 ^b 42 ^m 21.14	58°53'20.7	58.6906
2		45 28.94	57 8 3.5	— 2	1	4.95	22.5	44 57.25	57 6 55.4	57.8150
3		47 44.69	58 47 12.4	2	98	5.14	22.6	47 12.85	58 46 5.7	58.6924
4		50 19.90	58 35 40.0	0	95	5.15	22.3	49 48.05	58 34 33.0	58.6938
		52 1.55	55 52 28.6	— 3	1					z Arae
5		54 57.42	58 56 18.3	1	93	5.25	21.9	54 25.47	58 55 11.8	58.6965
6		57 24.44	58 55 3.0	0	95	5.28	21.7	56 52.49	58 53 57.0	58.6981
7	8.8	59 56.60	57 45 59.1	0	7	5.20	21.2	59 24.68	57 44 55.0	57.8292
8		17 1 55.54	58 55 9.5	0	98	5.34	21.2	17 1 23.49	58 54 5.5	58.7001
9		4 18.11	57 56 4.7	1	0	5.27	20.8	3 46.11	57 54 59.2	57.8347
10		6 4.33	58 30 28.8	0	94	5.36	20.7	5 32.24	58 29 23.2	58.7014
11	8.7	8 22.54	58 19 42.2	— 1	97	5.37	20.4	7 50.44	58 18 37.1	58.7026
12		10 26.31	57 21 32.4	1	11	5.29	19.5	9 54.27	57 20 29.1	57.8404
13	8.7	12 7.73	58 56 15.9	1	90	5.48	20.1	11 35.53	58 55 10.8	58.7059
14	8.3	13 39.14	57 10 36.1	0	0	5.31	19.6	13 7.07	57 9 30.9	57.8446
15	8.4	16 3.41	57 48 47.1	— 2	5	5.41	19.5	15 31.26	57 47 43.5	57.8479
		18 40.84	55 28 5.8	— 2	1					z Arae
16		22 1.34	58 58 38.5	— 2	2	5.61	19.0	21 29.01	58 57 36.3	58.7141
		23 52.23	60 37 47.5	— 3	6					z Arae
17		28 0.62	57 6 17.6	1	2	5.47	18.0	27 28.38	57 5 14.3	57.8513
18		30 35.06	58 26 1.5	1	0	5.65	17.9	30 2.66	58 24 59.4	58.7198
19	8.5	32 8.25	58 7 1.8	2	97	5.63	17.7	31 35.87	58 5 59.1	58.7212
20		34 54.86	58 47 32.9	— 3	97	5.74	17.6	34 22.39	58 46 31.0	58.7229
		37 50.55	64 41 56.9	1	99					z Pavonis
21		40 46.57	57 23 16.3	— 2	99	5.64	16.6	40 14.17	57 22 15.9	57.8728
22		42 27.39	58 4 25.4	— 1	90	5.73	16.4	41 54.90	58 3 23.0	58.7266
23		49 15.18	58 42 15.5	2	3	5.88	15.7	48 42.56	58 40 51.1	58.7293
		18 0 28.17	50 7 5.6	2	62					z Arae
24		3 6.27	58 59 51.4	— 1	5	6.05	14.0	18 2 33.47	58 58 29.0	58.7345

ZONA 57 A

Julio 30 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		16 ^b 40 ^m 10.22	68°53' 9.4	— 2	10					z Tr. Aust.
1		44 10.14	58 19 3.2	— 1	96	-4°94	+23.7	16 ^b 43 ^m 33.53	58°17'56.4	58.6911
2		45 53.49	57 42 46.3	— 3	0	4.91	23.4	45 16.90	57 41 39.6	57.8151
3	9.0	48 10.91	57 17 41.0	— 3	98	4.91	23.1	47 34.32	57 16 33.8	57.8163
4		51 25.18	57 39 9.2	— 1	97	4.98	22.8	50 48.52	57 38 2.5	57.8183
		53 19.83	53 2 54.6	— 3	9					[z Arae]
5		57 41.75	57 36 26.1	1	5	5.06	22.2	57 5.00	57 35 21.3	57.8265

ZONA 57 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
6	8.9		57°51'52.8	1	96		+21.6		57°50'47.5	57°8356
7		17 ^h 8 ^m 28.97	57 44 8.1	— 1	1	— 5.22	21.2	17 ^h 7 52.06	57 43 3.8	57.8391
8		10 21.57	58 57 41.7	— 3	2	5.37	21.2	9 44.53	58 56 38.9	58.7041
9	8.0	13 38.92	57 26 13.1	1	7	5.26	20.6	13 1.96	57 25 9.9	57.8444
10		16 51.46	58 35 57.8	0	0	5.42	20.5	16 14.37	58 34 55.1	58.7099
		18 45.67	55 28 5.1	— 2	98					β Arae
11	8.0	22 31.88	57 21 27.7	1	0	5.37	19.6	21 54.81	57 20 24.4	57.8570
		25 48.08	49 49 42.4	— 1	2					α Arae
12	8.0	29 13.96	58 52 29.1	2	93	5.61	19.2	28 36.67	58 51 27.0	58.7193
13		34 15.82	57 4 41.0	— 1	0	5.48	18.2	33 38.61	57 3 38.7	57.8667
		37 55.33	64 41 54.4	1	13					γ Pavonis
14		40 0.06	58 10 35.6	0	2	5.66	17.8	39 22.69	58 9 35.4	58.7253
15		42 32.14	58 4 22.7	— 1	1	5.68	17.5	41 54.75	58 3 22.5	58.7266
16		45 31.27	58 29 2.1	— 1	6	5.76	17.2	44 53.80	58 28 3.4	58.7281
17		47 30.11	58 54 27.7	— 1	5	5.83	17.0	46 52.59	58 53 29.6	58.7289
18		51 54.94	57 7 34.7	— 3	8	5.67	16.2	51 17.53	57 6 35.6	57.8813
19	8.6	54 37.83	58 3 33.9	— 2	5	5.81	16.0	54 0.30	58 2 35.7	58.7312
20	8.7	56 43.99	58 19 6.2	— 1	6	5.86	15.8	56 6.41	58 18 8.7	58.7322
		18 0 33.15	50 6 57.2	1	13					θ Arae
21	8.8	4 10.32	58 32 8.2	2	3	5.96	14.9	18 3 32.65	58 31 10.9	58.7347
22	8.8	6 19.10	57 55 52.1	0	98	5.91	14.5	5 41.47	57 54 54.2	57.8931
23		8 18.47	57 53 29.6	— 2	97	5.92	14.3	7 40.82	57 52 31.8	57.8940
24		10 21.08	58 13 41.0	— 2	2	5.98	14.1	9 43.37	58 12 44.5	58.7365
		15 56.19	61 32 54.8	— 3	8					ε Pavonis
25		18 22.86	57 9 21.8	— 1	1	5.93	12.8	17 45.17	57 8 25.2	57.9022
		21 12.70	46 2 5.9	2	9					α Telescopii
26	8.3	25 6.35	58 12 17.8	2	0	6.11	12.2	24 28.50	58 11 23.0	58.7411
27	8.8	27 35.36	58 24 35.6	— 1	2	6.16	11.9	26 57.46	58 23 41.5	58.7426
28	8.7	29 51.74	57 12 49.9	— 3	97	6.03	11.4	29 13.95	57 11 54.1	57.9111
		33 39.89	71 30 48.9	0	4					β Pavonis
29	8.6	36 25.57	57 35 46.9	0	93	6.12	10.5	35 47.70	57 34 51.9	57.9165
30	6.5	38 44.20	56 59 1.0	— 1	99	6.06	10.1	38 6.36	56 58 6.5	57.9180
31		40 41.65	58 3 41.0	— 2	2	6.21	10.1	40 3.69	58 2 48.4	58.7489
32		42 41.79	57 39 28.7	— 1	0	6.18	9.7	42 3.85	57 38 35.6	57.9209
		44 53.67	62 18 1.9	— 2	3					γ Pavonis
33	8.0	48 55.84	58 21 52.9	1	0	6.31	9.0	48 17.78	58 21 1.5	58.7527
34		51 32.36	57 23 21.2	— 2	99	6.20	8.5	50 54.40	57 22 28.9	57.9273
35		53 11.44	58 27 19.9	2	0	6.35	8.4	52 33.34	58 26 29.2	58.7545
36		55 21.40	57 6 13.1	1	99	6.19	7.9	54 43.42	57 5 21.1	57.9291
37		57 16.96	58 5 53.0	0	2	6.33	7.8	56 38.87	58 5 2.7	58.7564
38	8.7	59 25.28	57 25 20.8	0	98	6.25	7.4	58 47.26	57 24 29.5	57.9309
39		19 1 56.37	59 28 45.0	— 2	99	6.55	7.3	19 1 18.09	59 27 56.5	59.7450
40		3 56.84	58 14 25.2	— 1	2	6.38	6.8	3 18.70	58 13 36.0	58.7588
41	8.2	6 2.68	58 25 13.2	0	4	6.42	6.6	5 24.50	58 24 24.8	58.7591
42	9.0	10 53.93	58 21 49.3	1	2	6.44	5.9	10 15.72	58 21 1.2	58.7600
43		13 18.77	58 8 57.4	— 2	4	6.42	5.5	12 40.58	58 8 9.6	58.7604
44		17 43.66	57 48 9.1	— 2	6	6.39	4.8	17 5.49	57 47 21.9	57.9383
45	8.2	20 2.63	57 6 18.2	1	0	6.31	4.4	19 24.52	57 5 29.8	57.9397
46	9.0	22 9.82	57 42 21.1	2	5	6.40	4.2	21 31.64	57 41 34.4	57.9405
47		23 54.39	59 24 41.0	— 1	99	6.64	4.1	23 16.00	59 23 55.5	59.7484
48		27 16.18	58 32 31.0	— 3	94	6.53	3.5	26 37.88	58 31 44.3	58.7621
49	8.5	31 29.05	57 17 23.4	— 3	3	6.38	2.8	30 50.88	57 16 37.2	57.9438
50	8.1	33 14.93	58 21 40.6	1	4	6.53	2.6	32 36.62	58 20 56.1	58.7636
51	8.7	35 19.94	58 13 58.2	— 2	0	6.51	2.3	34 41.63	58 13 13.2	58.7641
52		37 16.77	56 57 51.4	— 3	95	6.35	1.9	36 38.61	56 57 4.5	57.9462
53		39 24.79	57 45 54.7	0	4	6.46	1.7	38 46.53	57 45 10.3	57.9473
		41 38.28	56 34 59.1	— 1	4					δ Telesco.

ZONA 57 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
54	8.7	19 ^b 43 ^m 48.40	58° 53' 12.1	— 2	0	— 6.63	+ 1.2	19 ^b 43 10.00	58° 52' 29.1	58° 7668
55	7.9	45 43.22	56 56 58.1	1	99	6.37	0.7	45 5.03	56 56 13.1	57.9508
56	8.8	47 55.78	57 45 53.7	0	2	6.48	0.5	47 17.50	57 45 10.4	57.9529
57		50 29.91	58 9 51.1	— 1	99	6.54	0.1	49 51.58	58 9 8.1	58.7683
58		52 40.44	57 40 57.1	0	3	6.48	— 0.3	52 2.16	57 40 14.5	57.9560
59		55 0.67	57 39 16.4	— 1	5	6.48	0.6	54 22.38	57 38 34.4	57.9574
60	8.7	57 42.89	57 3 33.9	— 2	0	6.40	1.0	57 4.66	57 2 50.8	57.9587
		20 0 57.82	66 24 40.8	— 1	2			20 13 45.80	58 52 48.1	δ Pavonis
61	8.6	14 24.25	58 53 28.5	— 2	3	6.66	1.0	16 25.68	57 23 2.2	58.7742
62	9.0	17 3.95	57 23 41.8	— 2	2	6.45	3.8			57.9665
		19 29.29	57 56 8.8	1	92	6.52	4.5	21 3.34	57 55 29.2	z Pavonis
63	8.7	21 41.67	57 58 56.8	— 2	0	6.52	4.8	23 25.22	57 58 18.7	57.7753
64	8.6	24 3.56	58 24 48.1	— 1	2	6.58	5.2	26 21.18	58 24 11.1	58.7757
65	8.3	26 59.58	58 7 12.7	2	99	6.53	5.5	28 9.13	58 6 35.3	58.7758
66	8.7	28 47.48	47 36 20.4	1	0					z Indi
		36 10.96	57 7 6.9	2	2	6.39	6.6	35 32.72	51 6 29.9	57.9744
		37 52.91	66 31 12.9	1	1					β Pavonis
68	8.5	41 7.28	58 13 28.3	— 2	3	6.53	7.3	40 28.92	58 12 53.4	58.7777
69	9.0	43 6.59	58 30 13.3	0	96	6.56	7.6	42 28.20	58 29 38.0	58.7780
70	8.5	45 19.47	57 47 33.5	— 3	98	6.46	7.9	44 41.17	57 46 57.9	57.9758
		48 44.18	58 50 37.0	0	99	6.52	8.9	51 31.66	58 50 3.9	β Indi
71	8.6	52 9.99	58 34 59.2	— 1	99	6.53	9.3	54 34.84	58 34 26.3	58.7797
72	8.8	55 13.19	58 50 41.5	0	8	6.56	9.6	56 34.12	58 50 10.3	58.7800
73	8.9	57 12.50	58 5 15.7	0	12	6.45	10.0	59 16.06	58 4 44.6	58.7802
74	8.4	59 54.35		0						58.7805

ZONA 58 A

Julio 31 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		16 ^b 40 ^m 11 ^s 10	68° 53' 10.6	— 2	5			16 ^b 42 ^m 58 ^s 26	58° 43' 17.2	z Tr. Aust.
1		43 35.86	58 44 25.2	— 1	88	— 4.95	+ 23.9	45 16.65	57 37 47.5	58° 6909
2		45 54.20	57 38 54.1	— 2	4	4.88	23.5	47 51.54	57 34 33.5	57.8152
3		48 29.13	57 35 41.3	0	94	4.92	23.2	50 36.18	58 29 47.5	57.8168
4		51 13.87	58 30 53.1	0	98	5.04	23.2			58.6944
		53 20.81	53 2 56.1	— 3	3			54 23.01	59 55 21.4	[ε ¹ Arae]
5		55 0.89	59 56 25.0	1	2	5.24	23.1	56 29.92	60 2 4.3	59.6887
6	8.8	57 7.84	60 3 7.3	— 2	4	5.28	22.9	58 29.10	57 50 59.0	59.6894
7		59 6.77	57 52 4.3	2	2	5.09	22.3	17 1 36.75	59 42 1.9	57.8280
8		17 2 14.71	59 43 4.8	— 2	5	5.32	22.4	4 26.07	58 58 36.0	59.6907
9	8.8	5 4.01	58 59 39.8	— 1	1	5.28	21.9	7 11.93	59 9 34.1	58.7010
10		7 49.93	59 10 37.4	0	1	5.35	21.6	9 44.45	58 56 39.3	59.6924
11		10 22.47	58 57 42.6	— 3	1	5.35	21.4	11 35.38	59 36 6.8	58.7041
12		12 13.48	59 37 7.8	2	10	5.45	21.3	13 33.42	59 55 39.6	59.6954
13		14 11.58	59 56 41.1	1	3	5.51	21.2			59.6974

ZONA 58 A (Continuación)

N°	Mag.	Hilo medio	Lectura del círculo	Rev	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
14		17 ^b 16 ^m 8° 08	57° 56' 34".5	1	1	-5° 33	+20".5	17 ^b 15 ^m 30° 07	57° 55' 30".9	57° 84' 78
		18 46.74	55 28 4.4	- 2	6					β Arae
15		20 37.54	57 2 45.7	- 3	0	5.29	19.9	19 59.56	57 1 41.5	56.8252
16		24 1.58	57 26 39.0	1	99	5.38	19.6	23 23.50	57 25 35.4	57.8583
		25 48.94	49 49 41.0	- 1	13					z Arae
17		28 32.71	59 48 14.1	- 2	4	5.69	19.6	27 54.36	59 47 14.1	59.7071
18		34 13.04	59 52 42.9	- 3	5	5.77	18.9	33 34.61	59 51 43.7	59.7106
		37 56.32	64 41 55.2	1	6					* Pavonis
19		40 3.19	59 58 30.3	- 2	98	5.86	18.3	39 24.66	59 57 31.9	59 7137
20		41 58.21	59 22 17.3	2	4	5.81	17.9	41 19.73	59 21 12.5	59.7153
21	8.4	45 8.99	59 10 34.8	0	4	5.82	17.5	44 30.49	59 9 36.2	59.7163
22		48 22.07	59 58 54.0	- 2	1	5.96	17.3	47 43.44	59 57 56.1	59.7175
23		51 0.41	56 54 2.1	- 1	99	5.63	16.4	50 22.07	56 53 1.1	56.8506
24		54 4.72	58 28 5.9	- 2	3	5.84	16.3	53 26.18	58 27 7.4	58.7310
25		56 15.74	58 56 59.3	1	99	5.92	16.1	55 37.12	58 56 0.4	58.7320
		18 0 34.06	50 6 59.3	1	3					θ Arae
26	8.4	5 4.07	58 13 22.5	- 2	0	5.92	14.9	18 4 25.45	58 12 24.7	58.7349
27	8.7	8 40.11	58 13 34.0	- 2	97	5.96	14.5	8 1.44	58 12 36.2	58.7362
28	8.9	11 29.67	58 34 46.1	- 1	96	6.03	14.2	10 50.93	58 33 48.9	58.7368
		15 57.27	61 32 56.8	- 3	97					[x Pavonis]
29		18 18.89	57 25 1.6	0	10	5.95	13.1	17 40.21	57 24 6.1	57.9019
30		22 17.48	58 31 49.1	1	0	6.12	12.8	21 38.65	58 30 53.8	58.7391
31		24 51.69	57 3 27.1	- 2	95	5.96	12.2	24 12.99	57 2 29.9	57.9074
32		26 35.92	58 46 59.0	1	8	6.19	12.2	25 57.01	58 46 5.8	58.7418
33		29 31.75	59 24 46.3	- 1	3	6.30	11.9	28 52.75	59 23 53.3	59.7310
34		32 54.46	58 57 34.1	- 3	93	6.27	11.4	32 15.47	58 56 39.6	58.7455
35	8.8	34 53.44	59 31 18.9	1	4	6.36	11.2	34 14.38	59 30 26.9	59.7336
36	9.0	36 37.76	57 17 13.0	2	5	6.08	10.7	35 58.94	57 16 19.1	57.9167
37		38 45.18	56 59 0.4	- 1	2	6.06	10.3	38 6.37	56 58 6.0	57.9180
38	8.8	40 53.13	58 9 30.4	- 1	3	6.22	10.2	40 14.18	58 8 37.6	58.7491
39	8.7	42 59.93	57 3 59.5	- 2	95	6.10	9.8	42 21.09	57 3 4.9	57.9212
		44 54.48	62 17 2.1	- 3	3					λ Pavonis
		52 13.59	53 4 4.9	- 1	6					λ Telescopii
40		55 22.22	57 6 11.9	1	11	6.19	8.1	54 43.27	57 5 21.2	57.9291
41		56 58.27	58 40 9.3	0	98	6.40	8.1	56 19.13	58 39 18.6	58.7563
42		59 58.40	57 15 20.6	0	99	6.23	7.5	59 19.41	57 14 29.0	57.9314
43		3 57.75	58 14 26.0	- 1	2	6.38	7.0	19 3 18.63	58 13 36.4	58.7588
44		5 46.62	59 3 27.3	- 2	95	6.51	6.9	5 7.38	59 2 37.8	59.7460
		9 14.19	66 49 17.6	- 1	1					[Pavonis 60 G]
45		11 34.09	59 2 24.9	- 3	0	6.54	6.1	10 54.81	59 1 36.9	59.7469
46		13 43.67	59 48 54.4	- 2	4	6.66	5.9	13 4.28	59 48 8.2	59.7473
47		17 2.92	59 44 14.8	- 1	5	6.67	5.4	16 23.52	59 43 29.1	59.7476
48		19 6.62	58 53 30.8	- 2	99	6.55	5.0	18 27.32	58 52 43.6	58.7612
			54 30 43.9	0	1					(379)
49		23 55.29	59 24 39.4	- 1	10	6.66	4.3	23 15.90	59 23 55.1	59.7484
50		27 17.24	58 32 29.8	2	1	6.54	3.7	26 37.94	58 31 43.8	58.7621
		29 28.63	48 18 4.6	- 2	5					[Telesco.]
51		33 15.88	58 21 42.6	1	96	6.53	2.9	32 36.59	58 20 56.4	58.7636
52		35 51.66	57 21 10.2	1	1	6.40	2.4	35 12.48	57 20 24.1	57.9455
53		39 25.74	57 45 54.8	0	4	6.47	1.9	38 46.49	57 45 10.1	57.9473
		41 39.30	56 34 59.1	- 1	3					[Telesco.]
54		45 44.07	56 56 57.5	1	99	6.37	0.9	45 4.91	56 56 12.2	57.9508
55		48 41.13	57 5 30.7	0	98	6.40	0.5	48 1.94	57 4 45.8	57.9534
56		50 32.53	59 8 25.7	- 2	0	6.69	0.4	49 53.08	59 7 43.5	59.7550
57		52 49.54	59 18 8.9	- 2	2	6.72	0.1	52 10.07	59 17 27.5	59.7559
58		55 9.82	59 37 21.7	- 3	3	6.77	0.2	54 30.29	59 36 41.1	59.7564
59		57 11.09	56 58 5.8	- 2	3	6.39	0.8	56 31.90	56 57 22.6	57.9584

ZONA 58 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
60	8.6	20 ^h 0 ^m 58 ^s 83	66° 24' 41.6	— 1	99	— 6.58	— 0.8	20 ^h 2 ^m 45 ^s 32	58° 15' 27.3	δ Pavonis
61	8.7	3 24.68	58 16 9.4	1	99	6.58	2.0	5 42.22	58 15 53.9	58.7718
62	8.7	6 21.58	58 16 34.4	1	2	6.53	2.3	7 47.05	57 54 26.9	58.7725
63		8 26.37	57 55 8.1	0	98	6.75	2.5	9 33.90	59 22 40.3	58.7730
64	8.9	10 13.42	59 23 18.0	— 2	9	6.69	3.1	13 15.42	59 1 43.8	59.7599
65		13 54.89	59 2 24.2	— 3	90	6.38	3.6	15 33.12	56 46 25.5	59.7603
		16 12.31	56 47 6.6	2	99					56.9470
			57 1 23.2	1	94					z Pavonis
66		21 42.50	57 56 7.4	1	0	6.53	4.3	21 3.17	57 55 28.5	58.7753
67		23 51.31	57 55 41.9	0	97	6.53	4.5	23 11.97	57 55 2.8	58.7756
68		26 31.84	57 17 47.5	2	95	6.44	5.0	25 52.58	57 16 37.9	57.9707
69		29 11.98	59 22 49.3	— 3	3	6.73	5.3	28 32.47	59 22 13.6	59.7622
		32 9.82	47 36 19.5	1	4					z Indi
70		34 26.43	59 39 18.4	— 1	99	6.77	6.0	33 46.88	59 38 43.1	59.7628
71		36 11.88	57 7 6.8	2	2	6.40	6.5	35 32.66	57 6 29.4	57.9744
		37 53.97	66 31 12.1	1	5					δ Pavonis
72	8.9	40 52.25	58 37 15.1	2	97	6.60	7.0	40 12.84	58 36 39.3	58.7776
73	9.0	43 7.44	58 30 11.9	0	3	6.58	7.4	42 28.05	58 29 36.3	58.7780
74	8.5	45 20.25	57 47 34.6	— 3	94	6.47	7.7	44 40.96	57 46 58.1	57.9758
		48 45.30	58 47 21.3	— 3	95					z Indi
75		51 1.61	59 23 18.1	— 2	4	6.68	8.5	50 22.14	59 22 45.7	59.7653
76	8.4	53 27.21	59 12 1.8	2	13	6.65	8.8	52 47.76	59 11 30.9	59.7660
77	8.7	55 14.06	58 34 58.9	— 1	3	6.55	9.1	54 34.69	58 34 26.1	58.7800
78		57 13.59	58 50 41.9	0	3	6.58	9.4	56 34.19	58 50 9.7	58.7803
79	8.7	59 57.46	57 12 17.2	2	95	6.35	9.9	59 18.27	57 11 42.3	57.9788
80	8.4	21 2 6.49	56 59 27.6	— 1	98	6.31	10.2	21 1 27.34	56 58 53.2	57.9795
81		4 25.35	59 45 54.3	0	96	6.69	10.4	3 45.86	59 45 23.1	59.7677
82	8.6	6 10.96	57 59 2.0	— 1	2	6.43	10.7	5 31.71	57 58 29.8	58.7816
		10 16.53	53 37 47.9	— 3	99					[Indi 23 G]
83	8.8	12 48.76	57 5 5.5	0	94	6.28	11.7	12 9.63	57 4 32.1	57.9822
84		14 53.59	58 13 16.3	— 2	99	6.42	12.0	14 14.35	58 12 45.2	58.7831
85		17 8.07	58 8 34.1	— 2	6	6.40	12.3	16 28.84	58 8 3.3	58.7835
		20 1.35	65 45 42.4	0	99					γ Pavonis
86		21 59.22	59 44 37.0	— 1	99	6.59	12.9	21 19.82	59 44 8.8	59.7698
87	9.0	23 58.25	57 44 11.3	— 1	0	6.30	13.2	23 19.09	57 43 41.0	57.9865
88		26 13.01	59 8 11.4	— 2	1	6.48	13.5	25 33.70	59 7 43.3	59.7705
89		28 3.83	57 28 13.4	— 2	3	6.25	13.8	27 24.72	57 27 43.9	57.9888
90		30 13.50	57 32 53.5	— 3	1	6.24	14.0	29 34.40	57 32 24.0	57.9903
91		41 48.05	59 16 12.4	1	92	6.39	15.7	41 8.83	59 15 45.4	59.7732
92		43 43.67	58 20 57.3	0	98	6.26	15.9	43 4.56	58 20 30.3	58.7899
93		47 25.67	57 44 46.6	— 1	1	6.14	16.4	46 46.65	57 44 19.8	57.9976
94		49 32.97	57 30 27.3	0	94	6.11	16.7	48 53.99	57 29 59.5	57.9985
		52 43.18	55 24 35.9	— 1	4					z Indi
95		55 39.38	56 53 29.3	— 2	0	5.99	17.5	55 0.51	56 53 2.4	57.10008
96		58 20.72	58 40 28.2	0	0	6.18	17.9	57 41.68	58 40 3.8	58.7920
97		22 0 16.02	59 23 0.3	— 2	2	6.26	18.1	59 36.92	59 22 37.3	59.7756
		3 27.19	47 23 16.9	— 2	3					z Gruis

ZONA 59 A

Agosto 1° de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		16 ^b 44 ^m 48 ^s .70	59 36 35.5	1	12	-5.03	+24.2	16 ^b 44 ^m 10.40	59°35'32.5	59.6846
2		47 20.19	57 46 53.4	1	2	4.90	23.5	46 41.97	57 45 47.3	57.8137
3		50 12.10	59 9 28.6	-1	0	5.07	23.4	49 33.74	59 8 24.0	59.6866
		52 7.99	55 52 27.2	2	0					z Arae
4	9.0	53 42.47	58 49 51.0	-1	8	5.09	23.1	53 4.08	58 48 47.4	58.6958
5	8.5	55 51.58	58 47 50.8	-3	0	5.11	22.9	55 13.17	58 46 46.2	58.6972
6		57 59.52	58 38 16.5	-2	5	5.13	22.7	57 21.08	58 37 12.7	58.6984
7	8.9	59 46.78	59 31 20.6	1	2	5.24	22.7	59 8.25	59 30 17.5	59.6902
8		17 2 41.79	58 4 23.3	-1	7	5.14	22.1	17 2 3.34	58 3 19.7	58.7004
9		4 52.81	58 43 29.3	-2	97	5.24	22.0	4 14.27	58 42 26.1	58.7009
10		7 10.63	59 3 47.5	-2	2	5.30	21.7	6 32.03	59 2 44.8	58.7022
11	8.5	9 5.58	58 11 7.7	1	6	5.24	21.5	8 27.02	58 10 4.7	58.7027
12		11 7.69	58 5 48.6	0	8	5.26	21.3	10 29.09	58 4 46.1	58.7051
13	8.4	13 33.18	58 1 9.9	1	97	5.29	21.0	12 54.47	58 0 5.9	57.8441
14		15 58.70	58 24 13.0	-1	94	5.36	20.8	15 20.02	58 23 9.2	58.7086
			55 28 2.5	-2	12					β Arae
15		18 3 1.23	59 4 5.6	-1	9	6.00	15.5	18 2 21.88	59 3 11.2	58.7331
16		5 4.77	58 13 21.5	-2	0	5.91	15.1	4 25.50	58 12 24.1	58.7349
17	8.1	7 25.87	58 44 33.9	-1	0	6.00	14.9	6 46.52	58 43 37.3	58.7355
18		9 34.65	58 43 40.4	-2	97	6.02	14.6	9 15.28	58 42 43.6	58.7363
19	8.7	12 24.30	58 47 51.9	-3	11	6.06	14.3	11 44.88	58 46 57.6	58.7371
20		13 39.72	59 53 23.9	-2	5	6.21	14.3	13 0.17	59 52 30.0	59.7256
		15 57.79	61 32 55.0	-3	4					[ξ Pavonis]
21		21 29.68	58 20 54.4	0	97	6.08	13.0	20 50.23	58 19 58.8	58.7386
22	8.6	24 2.50	58 39 40.5	-1	6	6.15	12.7	23 22.98	58 38 46.9	58.7404
23	8.8	25 54.12	58 6 42.7	1	2	6.09	12.4	25 14.66	58 5 48.1	58.7413
24		27 57.26	58 7 48.0	-3	4	6.11	12.1	27 17.78	58 6 54.0	58.7428
25	8.0	30 3.81	58 40 12.5	0	3	6.20	11.9	29 24.24	58 39 19.3	58.7437
26	8.6	32 31.22	57 15 43.8	0	5	6.04	11.4	31 51.79	57 14 49.7	57.9125
27	8.9	34 51.22	57 33 33.8	-2	4	6.10	11.1	34 11.73	57 32 40.2	57.9145
28		36 38.49	57 17 12.6	2	6	6.08	10.8	35 59.01	57 16 19.2	57.9167
29		39 25.55	58 37 3.1	2	99	6.27	10.8	38 45.90	58 36 10.5	58.7485
30		41 27.37	57 46 52.8	1	0	6.18	10.3	40 47.79	57 45 59.7	57.9198
31		43 47.34	58 49 19.3	-1	0	6.33	10.1	43 7.63	58 48 27.6	58.7503
32	8.1	46 47.17	57 18 41.5	-2	6	6.15	9.6	45 7.62	57 17 49.4	57.9228
33	8.4	50 1.68	58 49 12.4	-1	4	6.38	9.2	49 21.93	58 48 22.1	58.7532
		52 14.28	53 4 4.6	-1	1					λ Telescopii
34	-8.4	54 19.13	59 1 23.4	1	12	6.43	8.7	53 39.32	59 0 35.2	59.7422
35	8.3	56 16.54	57 55 58.5	0	5	6.30	8.3	55 36.84	57 55 8.4	57.9293
36		58 13.50	58 26 30.3	1	0	6.38	8.1	57 33.73	58 25 40.2	58.7569
			52 29 1.5	-1	95					(372)
			66 49 16.1	-1	6					[Pavonis 60 G]

ZONA 60 A

Agosto 2 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		16 ^b 4 ^m 38.55	59° 21' 18".1	1	16	-4.32	+27.4	16 ^b 3 ^m 59.98	59° 20' 11".9	59.6640
2		6 40.86	58 34 6.4	- 1	5	4.29	27.1	6 2 31	58 32 58.0	58.6692
3		11 28.42	57 54 38.9	- 1	3	4.33	26.6	10 49.81	57 53 29.9	57.7771
4		13 23.87	57 58 38.4	- 2	94	4.37	26.5	12 45.21	57 57 28.2	57.7866
5	8.2	15 34.53	57 22 52.8	- 3	99	4.36	26.1	14 55.88	57 21 42.9	57.7929
6	8.9	17 29.92	58 27 41.9	- 3	97	4.47	26.3	16 51.17	58 26 32.9	58.6778
7		19 51.80	60 54 23.6	- 1	10					[z Tr. Aust.]
8	8.8	35 2.09	59 11 5.7	1	94	4.81	25.0	34 23.00	59 9 58.5	59.6804
		38 10.47	58 20 24.3	0	2	4.79	24.6	37 31.39	58 19 17.7	58.6882
			68 53 10.4	- 2	1					[z Tr. Aust.]
9		42 39.75	59 37 3.6	2	6	4.97	24.5	42 0.51	59 35 59.2	59.6839
10		44 28.61	59 23 12.4	- 2	97	4.98	24.3	43 49.35	59 22 6.5	59.6844
11		47 37.45	58 52 4.3	2	94	4.98	23.8	46 58.18	58 50 57.9	58.6923
12	8.6	50 8.67	57 15 26.5	0	1	4.87	23.2	49 29.48	57 14 19.7	57.8176
		52 7.94	55 52 27.9	2	4					[z Arae]
13		55 4.76	58 56 15.5	1	1	5.10	23.2	54 25.36	58 55 10.8	58.6966
14		57 9.58	60 3 6.4	- 2	4	5.24	23.2	56 30.06	60 2 3.5	59.6894
15		59 5.04	59 21 11.9	1	1	5.20	22.9	58 25.55	59 20 8.9	59.6899
16	8.5	17 1 4.39	58 5 39.5	0	6	5.11	22.4	17 0 24.97	58 4 34.4	58.6998
17	8.4	3 49.19	58 37 54.1	- 3	98	5.19	22.3	3 9.70	58 36 49.5	58.7006
18		5 43.21	58 22 10.5	2	99	5.20	22.0	5 3.70	58 21 6.1	58.7011
19	8.4	8 43.32	57 0 6.4	0	1	5.11	21.4	8 3.88	56 59 1.4	56.8107
20	8.0	12 4.17	57 21 47.7	1	99	5.19	21.1	11 24.64	57 20 42.9	57.8423
21		13 41.38	57 26 13.7	1	99	5.22	21.0	13 1.82	57 25 9.3	57.8444
22	8.4	16 23.97	58 3 19.6	- 2	91	5.31	20.9	15 44.34	58 2 14.6	57.8485
		18 48.19	55 28 4.2	- 2	98					[z Arae]
23	8.6	21 9.52	58 0 42.1	0	2	5.37	20.3	20 29.83	57 59 39.4	57.8546
		23 59.71	60 37 47.8	- 3	2					[z Arae]
24	8.4	25 57.72	57 35 26.6	0	98	5.39	19.7	25 17.99	57 34 23.4	57.8597
25		28 26.14	56 56 20.2	1	98	5.35	19.3	27 46.44	56 55 16.5	56.8331
26	8.4	29 32.13	58 19 35.7	- 1	99	5.51	19.5	28 52.29	58 18 34.6	58.7195
27		32 17.04	58 12 6.4	2	95	5.53	19.1	31 37.18	58 11 4.0	58.7213
28	8.5	35 48.24	58 3 19.9	- 2	95	5.56	18.7	35 8.35	58 2 19.2	58.7233
		37 57.90	64 41 55.6	1	96					[z Pavonis]
29		40 57.92	57 25 58.3	0	96	5.55	18.0	40 18.01	57 24 56.3	57.8730
30		46 42.95	57 57 2.7	2	97	5.67	17.4	46 2.93	57 56 2.1	57.8775
31		49 24.74	57 25 59.2	0	97	5.65	17.0	48 44.73	57 24 58.4	57.8792
32		51 2.09	56 54 0.8	- 1	97	5.61	16.7	50 22.12	56 53 0.4	56.8506
33		53 50.37	56 57 9.0	2	99	5.64	16.4	53 10.36	56 56 9.9	56.8530
34	8.7	56 8.22	59 0 16.1	0	99	5.90	16.5	55 27.98	58 59 17.9	58.7319
		18 0 35.73	50 6 58.3	1	5					[z Arae]
35		3 3.23	59 4 7.3	- 1	3	5.99	15.7	18 2 22.90	59 3 10.6	58.7336
36		5 5.68	58 13 21.3	- 2	6	5.90	15.2	4 25.43	58 12 24.4	58.7349
37		7 26.90	58 45 33.8	0	5	5.99	15.1	6 46.57	58 44 37.7	58.7355
38		9 49.47	58 43 41.3	- 2	96	6.01	14.7	9 9.13	58 42 44.0	58.7363
39	8.5	12 25.34	58 47 53.0	- 3	6	6.05	14.4	11 44.94	58 46 57.6	58.7371
40		13 40.70	59 53 24.8	- 2	3	6.20	14.5	13 0.17	59 52 30.3	59.7256
		15 58.82	61 32 55.8	- 2	3					[z Pavonis]
41	8.5	21 30.70	58 20 52.8	0	11	6.08	13.2	20 50.26	58 19 58.9	58.7386
42	8.6	24 3.47	58 39 42.2	- 1	9	6.14	12.9	23 22.97	58 38 47.4	58.7404
43		25 55.11	58 6 42.2	1	9	6.09	12.6	25 14.65	58 5 48.3	58.7413
44		27 58.09	58 7 49.7	- 3	99	6.11	12.3	27 17.61	58 6 54.6	58.7428

ZONA 60 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
45		18 ^h 30 ^m 47.1	58°40'13.8	0	1	-6.20	+12.1	18 ^h 29 ^m 24.15	58°39'19.8	58.7437
46	8.5	32 32.18	57 15 45.7	0	99	6.04	11.6	31 51.75	57 14 50.3	57.9125
47	8.9	34 52.17	57 33 35.2	- 2	97	6.09	11.3	34 11.69	57 32 41.1	57.9145
48		36 39.55	57 17 13.9	2	96	6.09	11.0	35 59.09	57 16 18.7	57.9167
49	8.5	39 26.51	58 37 3.8	2	98	6.26	10.8	38 45.89	58 36 10.6	58.7485
50		41 28.20	57 46 53.5	1	3	6.17	10.5	40 47.64	57 46 0.5	57.9198
51	8.5	43 48.27	58 49 19.2	- 1	3	6.33	10.3	43 7.57	58 48 27.5	58.7503
52	8.2	45 48.36	57 18 43.3	- 2	97	6.14	9.8	45 7.82	57 17 49.4	57.9228
53		50 2.71	58 49 14.3	- 1	96	6.37	9.4	49 21.97	58 48 22.5	58.7532
		52 15.28	53 4 5.9	- 1	98					λ Telescopii
54	8.2	54 17.88	59 1 24.1	1	97	6.43	8.9	53 37.07	59 0 34.3	59.7422
55	8.5	56 17.48	57 56 0.1	1	1	6.29	8.4	55 36.81	57 55 8.9	57.9293
56		58 14.50	58 26 31.0	1	3	6.38	8.2	57 33.73	58 25 41.0	58.7569
			52 29 1.6	- 1	0					(372)
57	8.7	19 5 1.48	56 51 42.5	1	98	6.21	7.1	19 4 20.86	56 50 51.0	56.9110
		9 15.78	66 49 18.2	- 1	94					[Pavonis 60G]
58	8.0	11 35.84	59 2 25.1	- 3	99	6.54	6.4	10 54.91	59 1 36.9	59.7469
59	8.4	13 45.18	59 48 54.4	- 2	0	6.66	6.2	13 4.15	59 48 7.6	59.7473
60		16 36.52	58 11 27.0	1	3	6.45	5.6	15 55.67	58 10 39.3	58.7609
61	8.5	19 5.96	58 34 8.6	- 1	98	6.51	5.3	18 25.06	58 33 20.9	58.7611
		21 34.38	54 30 44.4	0	98					(379)
62	8.4	23 22.71	58 7 40.1	- 3	3	6.47	4.6	22 41.83	58 6 53.2	58.7617
63	8.6	26 16.18	59 19 16.8	- 1	4	6.65	4.4	25 35.14	59 18 30.8	59.7488
		29 30.38	48 18 4.8	- 2	2					[Telesco.]
64		32 58.95	58 26 22.0	1	3	6.55	3.3	32 17.99	58 25 37.0	58.7633
65	8.2	35 53.37	57 21 10.5	1	3	6.41	2.7	35 12.53	57 20 24.6	57.9455
66	8.6	38 14.34	57 16 25.2	1	98	6.41	2.4	37 33.50	57 15 39.9	57.9469
67		41 49.44	58 56 55.7	1	0	6.51	1.9	41 8.50	58 56 11.0	58.7664
68		43 59.04	57 28 34.6	- 2	4	6.45	1.5	43 18.19	57 27 50.3	57.9504
69	8.0	47 2.01	57 19 29.0	- 1	2	6.44	1.1	46 21.13	57 18 44.6	57.9521
70	7.8	50 32.09	58 9 51.4	- 1	1	6.56	0.7	49 51.11	58 9 8.3	58.7683
71	8.8	52 48.71	59 3 2.2	- 2	6	6.69	0.5	52 7.60	59 2 21.1	59.7558
72		54 34.61	58 38 0.7	- 2	3	6.64	0.2	53 53.55	58 37 19.0	58.7692
73	8.0	56 35.03	58 42 37.3	- 3	8	6.65	- 0.1	55 53.96	58 41 56.6	58.7699
74	8.5	58 46.59	59 47 38.9	- 3	96	6.82	0.3	58 5.37	59 46 58.1	59.7571
		20 0 0.45	66 24 40.8	- 1	7					δ Pavonis
75		2 50.88	59 15 35.3	0	7	6.74	1.0	20 2 9.73	59 14 56.1	59.7583
76		4 49.73	57 47 18.1	2	97	6.53	1.4	4 8.76	57 46 36.1	57.9622
77		7 34.05	58 15 49.7	0	7	6.60	1.8	6 53.02	58 15 10.1	58.7727
78			58 49 45.4	- 1	97		2.1		58 49 5.3	58.7731
79	8.0	14 17.51	59 0 36.0	0	98	6.71	2.7	13 36.37	58 59 56.9	59.7604
80	8.5	16 35.40	59 46 55.9	1	6	6.83	3.0	15 54.16	59 46 19.2	59.7609
		19 31.96	57 1 22.3	1	99					α Pavonis
81	8.3	23 3.17	57 28 22.7	- 2	0	6.49	4.1	22 22.21	57 27 43.4	57.9691
82	8.1	27 2.25	58 24 52.0	- 1	82	6.62	4.6	26 21.18	58 24 11.7	58.7758
83	8.6	28 50.18	58 7 13.4	2	96	6.58	4.9	28 9.15	58 6 35.2	58.7761
		32 11.47	47 36 21.0	1	96					α Indi
84		34 44.13	59 30 13.5	0	3	6.77	5.7	34 2.94	59 29 38.7	59.7629
		37 55.78	66 31 12.8	1	4					β Pavonis
85	8.4	39 49.84	57 16 27.1	1	17	6.45	6.6	39 8.92	57 15 52.5	57.9750
86		42 29.54	58 1 54.9	1	3	6.54	6.9	41 48.54	58 1 19.6	58.7778
87			56 43 8.1	- 2	2		7.5		56 42 31.5	56.9555
		48 47.04	58 47 20.6	- 3	98					β Indi
88		51 9.35	59 44 15.2	- 1	1	6.77	8.1	50 28.15	59 43 40.8	59.7654
89	8.4		59 12 4.0	2	0		8.4		59 11 31.2	59.7660
90		58 18.07	58 57 11.0	2	2	6.63	9.2	57 36.98	58 56 38.9	59.7666
91		21 1 29.73	57 23 1.5	- 2	1	6.40	9.7	21 0 48.84	57 22 27.8	57.9791

ZONA 60 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
92		21 ^h 5 ^m 51 ^s .48	56°52'37.8	— 3	0	—6.32	—10.4	21 ^h 5 ^m 10 ^s .67	56°52'4.0	57.9807
93		8 25.44	58 53 8.6	— 2	98	6.58	10.6	7 44.40	58 52 37.3	59.7681
			53 37 47.8	— 3	4					[Indi 23 G]
94		13 11.94	59 10 50.5	0	4	6.60	11.3	12 30.87	59 10 21.1	59.7689
95		17 9.80	58 8 34.3	— 2	6	6.44	11.9	16 28.88	58 8 4.4	58.7835
96		19 7.26	57 38 0.9	— 2	4	6.36	12.2	18 26.41	57 37 30.4	57.9846
		20 2.85	65 45 40.5	0	12					7 Pavonis
97	9.0	22 54.48	58 49 26.9	— 1	96	6.51	12.7	22 13.49	58 48 57.3	58.7848
98		25 8.96	57 15 22.0	0	2	6.28	13.1	24 28.17	57 14 51.7	57.9870
99	8.8	27 10.09	58 23 38.0	— 2	98	6.42	13.3	26 29.18	58 23 8.7	58.7859
100	8.3	28 53.70	59 33 22.6	— 2	2	6.57	13.5	28 12.67	59 32 55.5	59.7713
101	8.4	31 1.06	56 46 16.6	1	5	6.19	13.8	30 20.36	56 45 46.9	56.9686
102	9.0	34 9.80	56 43 45.8	— 2	3	6.17	14.2	33 29.12	56 43 16.2	56.9696
103	8.7	36 14.84	59 13 46.9	— 2	98	6.48	14.5	35 33.88	59 13 19.9	59.7724
104		38 33.80	57 43 30.8	— 2	4	6.26	14.9	37 53.04	57 43 8.2	57.9940
105	9.0	40 44.69	57 16 58.2	1	7	6.19	15.2	40 3.98	57 16 30.9	57.9949
106	8.7	42 44.62	59 45 45.3	0	0	6.51	15.4	42 3.64	59 45 20.1	59.7734
107	8.0	44 57.09	58 42 39.4	— 3	4	6.35	15.8	44 16.25	58 42 13.2	58.7901
108	8.8	46 48.57	56 48 46.1	— 2	94	6.09	16.0	46 7.96	56 45 17.0	56.9759
109	8.5	49 38.76	58 25 44.6	0	7	6.28	16.4	48 57.99	58 25 19.7	58.7909
		52 44.92	55 24 36.4	— 1	4					[3 Indi]
110		55 41.22	56 53 29.2	— 2	0	6.04	17.2	55 0.65	56 53 2.2	57.10008
111	7.8	59 26.35	56 43 23.0	— 2	2	5.99	17.7	58 45.83	56 42 56.7	56.9803
		22 3 28.94	47 23 17.8	— 2	98					2 Cruis

ZONA 61 A

Agosto 3 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		18 ^h 0 ^m 36 ^s .51	50° 7' 0".1	2	3			18 ^h 7 ^m 48 ^s .20	58° 3'49".9	9 Arae
2		8 29.37	58 4 49.3	— 1	95	—5.91	+15.0	12 38.03	59 20 45.2	58.7360
3		13 19.40	59 21 41.9	1	0	6.12	14.6	14 16.38	57 1 17.8	59.7255
4		14 57.52	57 2 16.4	2	2	5.85	14.0	16 43.53	59 39 32.1	57.8991
5		17 24.97	59 40 27.4	0	4	6.20	14.1	20 21.38	57 36 57.2	59.7260
6	8.8	21 2.62	57 37 54.0	— 3	1	5.96	13.3	25 6.89	57 32 46.9	57.9044
7		25 48.19	57 33 44.3	— 2	97	6.01	12.7	28 12.73	57 35 54.5	57.9084
		28 53.88	59 36 48.5	1	3	6.30	12.6			59.7305
8		33 43.47	71 30 52.1	0	96					7 Pavonis
9		36 10.16	59 32 4.6	2	99	6.36	11.6	35 28.54	59 31 11.0	59.7343
10		37 48.44	59 20 38.4	0	0	6.34	11.4	37 6.83	59 19 44.9	59.7352
11		40 18.91	58 42 32.2	— 3	97	6.28	10.9	39 37.35	58 41 37.9	58.7487
12		42 27.86	57 26 39.2	1	96	6.13	10.4	41 46.43	57 25 43.8	57.9206
13		44 57.13	62 18 3.9	— 2	3					7 Pavonis
		46 47.22	57 34 28.8	— 1	6	6.18	9.9	46 5.74	57 33 35.6	57.9236
		49 27.91	58 43 7.5	— 2	0	6.35	9.7	48 46.28	58 42 14.9	58.7529
		52 16.20	53 4 6.0	— 1	4					7 Telescopii

ZONA 61 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
14		18 ^b 53 ^m 53 ^s .75	59°35' 2".1	— 1	3	—5.50	+ 9.2	18 ^b 53 ^m 11 ^s .97	59°35' 11".5	59.7421
15		56 41.23	58 3 39.5	— 2	97	6.31	8.6	55 59.62	58 2 46.7	58.7558 (372)
16		19 3 20.80	59 41 56.0	1	3	6.58	7.9	19 2 28.95	59 41 6.8	59.7453
17		6 3.37	59 50 44.2	0	99	6.62	7.6	5 21.48	59 49 55.0	59.7461
18		8 8.37	58 9 42.3	— 1	3	6.39	7.0	7 26.62	58 8 52.1	58.7594
19		10 57.38	58 21 51.5	1	1	6.44	6.6	10 15.63	58 21 1.6	58.7600
20		12 56.02	59 32 24.3	2	4	6.62	6.5	12 14.11	59 31 36.5	59.7471
21		18 7.47	57 40 27.2	0	0	6.38	5.5	17 25.77	57 39 37.5	57.9385 (379)
22		26 21.11	59 49 48.2	— 1	3	6.73	4.6	25 39.09	59 49 2.4	59.7489 [v Telesco.]
		29 31.25	48 18 4.9	— 2	5					
23		31 54.11	58 11 15.3	1	99	6.51	3.6	31 12.28	58 10 27.9	58.7627
24		34 50.34	58 28 30.4	— 2	94	6.56	3.2	34 8.46	58 27 43.1	58.7640
25		38 2.43	58 11 37.3	1	91	6.54	2.7	37 20.56	58 10 49.8	58.7650 [v Telesco.]
		41 41.78	56 35 0.5	0	0					
26		44 52.76	58 44 14.4	— 1	3	6.63	1.8	44 10.81	58 43 30.1	58.7669 (387)
		47 52.78	61 24 19.2	— 1	0					
27		50 35.22	59 8 25.6	— 2	8	6.71	1.0	49 53.19	59 7 43.3	59.7550

ZONA 62 A

Agosto 4 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.9	16 ^b 40 14 ^s .67	68°53' 11".4	— 2	9					α Tr. Aust.
2	8.8	42 40.88	58 13 19.5	— 2	5	—4.80	+24.4	16 ^b 41 ^m 59 ^s .96	58°12' 12".3	58.6904
3		44 51.38	59 36 40.3	1	1	4.96	24.5	44 10.31	59 35 34.5	59.6846
4	8.8	47 23.02	57 46 56.1	1	1	4.84	23.8	46 42.04	57 45 48.7	57.8157
		50 14.71	59 9 29.9	— 1	6	5.00	23.9	49 33.59	59 8 24.8	59.6866
5	9.0	52 10.70	55 52 28.5	2	7					γ Arae
6	8.6	53 45.06	58 49 51.3	— 1	0	5.02	23.5	53 3.91	58 48 45.4	58.6958
7	8.8	55 54.41	58 47 52.6	— 3	3	5.05	23.3	55 13.23	58 46 47.2	58.6972
8	9.0	58 3.26	58 38 19.8	— 2	96	5.07	23.0	57 22.06	58 37 13.5	58.6984
9	8.8	59 49.55	59 31 22.8	1	99	5.18	23.1	59 8.25	59 30 18.0	59.6902
10		17 2 42.39	58 4 25.3	— 1	7	5.09	22.5	17 2 1.16	58 3 20.5	58.7004
11	8.9	4 56.64	58 43 30.8	— 2	0	5.18	22.4	4 15.33	58 42 25.8	58.7009
12	8.4	7 13.32	59 3 51.2	— 2	93	5.25	22.2	6 31.94	59 2 45.7	58.7022
13	8.5	9 8.37	58 11 11.3	1	97	5.19	21.9	8 27.03	58 10 5.8	58.7027
14	8.5	11 10.52	58 5 52.0	0	3	5.21	21.6	10 29.16	58 4 47.5	58.7051
15		13 36.03	58 1 11.5	1	4	5.23	21.4	12 54.65	58 0 7.4	57.8441
		16 1.27	58 24 14.4	— 1	4	5.31	21.2	15 19.81	58 23 10.8	58.7086
		18 50.05	55 28 6.1	— 2	3					β Arae
		24 1.50	60 37 49.2	— 3	3					δ Arae
16		26 22.34	58 30 42.4	0	98	5.45	20.1	25 40.75	58 29 39.1	58.7170
17	8.8	28 40.72	57 48 54.9	— 2	1	5.41	19.7	27 59.15	57 47 51.6	57.8620
18	8.7	30 55.67	58 17 45.8	— 3	5	5.49	19.6	30 14.02	58 16 44.4	58.7200

ZONA 62 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
19	8.6	17 ^h 35 ^m 25 ^s .15	58°28'14".6	— 2	0	—5°57'	+19°.1	17 ^h 34'43".43	58°27'12".5	58°7230
		37 59.74	64 41 58.1	1	97					4 Pavonis
20		40 59.82	57 25 59.2	0	99	5.52	18.3	40 18.13	57 24 56.7	57.8730
21		46 18.47	58 51 33.3	1	2	5.74	18.0	45 36.57	58 50 33.3	58.7286
22	8.4	49 26.55	57 25 59.9	0	2	5.62	17.3	48 44.75	57 24 58.9	57.8792
23		50 47.19	57 39 53.8	— 1	7	5.66	17.2	50 5.35	57 38 53.6	57.8803
24		53 52.08	56 57 11.5	2	2	5.62	16.7	53 10.28	56 56 10.5	56.8530
25	8.6	55 46.71	58 13 51.4	— 2	5	5.78	16.7	55 4.76	58 12 52.1	58.7318
		18 0 37.39	50 6 59.8	1	4					9 Arae
26	8.2	3 25.46	59 20 26.0	0	2	6.00	16.0	18 2 43.30	59 19 28.5	59.7232
27		4 56.24	59 1 3.3	1	3	5.97	15.8	4 14.10	59 0 5.8	59.7236
28	8.9	7 5.63	56 56 25.0	1	0	5.75	15.1	6 23.69	56 55 25.3	56.8670
29	8.7	9 10.27	57 27 14.6	2	4	5.83	14.9	8 28.25	57 26 16.2	57.8944
30	8.5	11 15.59	58 57 16.2	2	3	6.03	15.0	10 33.39	58 56 19.5	58.7367
31	8.9	14 46.83	58 55 59.2	0	94	6.07	14.5	14 4.59	58 55 1.7	58.7374
32	7.5	17 25.89	59 40 28.1	0	2	6.19	14.3	16 43.54	59 39 32.7	59.7260
33		18 37.19	57 9 22.7	— 1	0	5.89	13.7	17 55.11	57 8 24.7	57.9022
34	8.6	22 13.20	57 12 33.6	— 3	4	5.93	13.2	21 31.08	57 11 36.6	57.9054
35	9.0	25 37.60	58 24 5.2	— 1	92	6.10	13.0	24 55.32	58 23 9.1	58.7412
36	8.7	27 59.93	58 7 50.9	— 3	97	6.09	12.7	27 17.65	58 6 54.5	58.7428
37	9.0	30 0.18	59 16 2.9	1	93	6.25	12.6	29 17.76	59 15 8.5	59.7314
38	8.6	31 54.51	57 32 3.4	2	0	6.05	12.0	31 12.26	57 31 7.5	57.9116
39		33 31.51	58 52 14.4	2	7	6.24	12.1	32 49.09	58 51 21.1	58.7458
40		37 19.91	59 4 42.9	— 1	8	6.29	11.6	36 37.44	59 3 50.4	59.7348
41	8.6	39 35.97	57 11 3.9	1	98	6.09	11.0	38 53.70	57 10 8.3	57.9186
42	9.0	42 25.94	57 54 11.7	— 1	92	6.18	10.7	41 43.55	57 53 16.3	57.9204
		44 58.10	62 18 3.9	— 2	96					7 Pavonis
43	8.5	47 26.89	59 12 43.6	— 3	97	6.39	10.2	46 44.31	59 11 51.0	59.7397
44	8.6	50 4.44	58 49 14.6	— 1	1	6.36	9.8	49 21.89	58 48 22.6	58.7532
		52 17.11	53 4 6.7	— 1	99					7 Telescopii
45		55 25.65	57 6 14.4	1	1	6.18	8.8	54 43.26	57 5 22.6	57.9291
46		56 38.77	57 7 49.2	— 3	9	6.19	8.6	55 56.37	57 6 58.6	57.9295
			52 29 1.6	— 1	2					(372)
47	8.3	19 6 7.14	58 25 14.6	0	1	6.43	7.5	19 5 24.52	58 24 24.4	58.7591
		9 17.57	66 49 17.7	— 1	6					Pavonis 60 G
48	8.4	12 36.08	58 53 21.5	— 2	95	6.52	6.8	11 53.36	58 52 31.7	58.7603
49	8.9	19 18.99	56 56 49.1	1	5	6.29	5.4	18 36.48	56 55 59.9	57.9393
			54 30 44.4	0	1					(379)
50		23 58.65	59 24 42.2	— 1	96	6.65	5.1	23 15.80	59 23 54.9	59.7484
51	9.0	26 46.68	59 3 47.5	— 2	1	6.62	4.7	26 3.85	59 3 0.9	59.7490
		29 32.09	48 18 5.0	— 2	4					[1 Telesco.]
52		33 0.56	58 26 22.2	1	3	6.55	3.7	32 17.89	58 25 36.1	58.7633
53		35 23.83	59 39 51.6	— 1	6	6.74	3.5	34 40.88	59 39 7.7	59.7501
54	8.7	38 53.94	58 11 6.9	1	0	6.65	2.8	38 11.06	58 10 21.0	58.7653
		41 42.70	56 34 59.1	— 1	6					[2 Telesco.]
55	8.3	45 36.05	57 53 45.2	— 2	5	6.52	1.8	44 53.29	57 53 0.6	57.9506
			61 24 17.6	— 1	13					(387)
56	8.5	51 16.92	59 45 58.9	0	4	6.81	1.2	50 33.90	59 45 17.1	59.7552
57	7.8	54 36.29	58 38 1.4	— 2	5	6.65	0.6	53 53.41	58 37 19.0	58.7692
58	8.7	57 17.64	59 15 20.0	0	2	6.74	+ 0.2	56 34.68	59 14 38.2	59.7568
59	8.9	59 29.60	58 46 47.2	1	12	6.68	— 0.1	58 46.69	58 46 6.7	58.7709
60	8.0	20 6 15.00	58 22 56.6	— 3	7	6.63	1.2	20 5 32.13	58 22 15.9	58.7724
61		8 44.87	57 14 45.4	— 1	5	6.48	1.7	8 2.14	57 14 3.6	57.9635
62		10 38.00	58 55 46.5	0	91	6.71	1.8	9 55.06	58 55 4.8	59.7601
63	8.2	14 32.99	59 18 58.1	— 2	2	6.77	2.3	13 50.00	59 18 18.8	59.7605
64	8.6	16 2.24	59 40 16.2	0	4	6.83	2.5	15 19.18	59 39 38.0	59.7606
		19 33.92	57 1 22.9	1	2					2 Pavonis

ZONA 62 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
65	8.1	20 ^b 23 ^m 31.53	59° 4' 57.4	— 1	0	-6.74	- 3.6	20 ^b 22 ^m 48.52	59° 3' 27.0	59.7618
66	8.8	26 36.12	56 54 36.9	— 1	99	6.44	4.3	25 53.42	56 53 56.4	57.9708
67		30 1.26	58 5 30.0	0	9	6.59	4.7	29 18.41	58 4 51.1	58.7762
		32 13.25	47 36 20.5	1	3					z Indi
68	8.6	35 39.65	59 45 36.7	0	99	6.84	5.4	34 56.57	59 45 0.8	59.7631
			66 31 13.7	1	2					β Pavonis
69	8.8	40 19.25	59 15 18.3	0	1	6.75	6.1	39 36.26	59 14 42.8	59.7635
70	8.0	42 42.99	59 33 35.7	— 2	95	6.79	6.6	41 59.95	59 33 0.1	59.7640
71	8.7	46 52.15	57 3 10.1	— 2	97	6.43	7.2	46 9.44	57 2 32.4	57.9762
		48 48.82	58 47 21.9	— 3	95					β Indi
72	8.5	51 20.57	59 24 49.7	— 1	97	6.75	7.7	50 37.57	59 24 15.3	59.7657
73		53 30.72	59 12 4.6	2	1	6.71	8.0	52 47.75	59 11 30.9	59.7660
74	8.9	55 0.84	59 4 41.1	— 1	99	6.69	8.3	54 17.88	59 4 7.2	59.7662
75		58 37.82	59 16 54.5	1	5	6.71	8.8	57 54.85	59 16 24.3	59.7667
76		21 0 15.74	57 29 40.7	— 1	97	6.45	9.1	59 32.99	57 29 5.5	57.9789
77	8.5	3 9.67	58 41 17.8	1	2	6.61	9.5	21 2 26.78	58 40 45.1	58.7810
78		6 36.76	57 34 27.9	— 1	18	6.44	10.0	5 54.02	57 33 56.7	57.9808
			53 37 47.7	— 3	5					[Indi 23 G]
79	9.0	12 56.43	56 56 1.1	1	90	6.34	11.0	12 13.79	56 55 26.1	57.9823
80	8.8	15 33.33	56 59 46.1	— 1	5	6.33	11.3	14 50.70	56 59 13.6	57.9832
81	8.6	18 33.09	59 4 6.4	— 1	7	6.60	11.7	17 50.21	59 3 37.1	59.7695
82	8.6	20 34.41	58 19 42.1	— 1	2	6.49	12.0	19 51.62	58 19 11.4	58.7842
83		22 2.71	59 44 37.8	— 1	0	6.68	12.1	21 19.75	59 44 8.7	59.7698
84	8.2	25 29.58	57 16 15.7	1	98	6.32	12.7	24 46.95	57 15 44.0	57.9873
85	8.0	27 54.24	58 35 39.8	0	1	6.48	13.0	27 11.47	58 35 10.3	58.7860
86	8.9	30 15.58	58 2 57.3	— 3	0	6.40	13.4	29 32.88	58 2 27.4	58.7866
		31 55.49	65 12 54.3	— 3	9					(422)
87	8.0	34 37.47	57 50 15.7	0	95	6.35	14.0	33 54.81	57 49 45.5	58.7875
88	8.9	37 12.77	57 11 15.6	1	1	6.25	14.4	36 30.21	57 10 45.8	57.9936
89		39 27.96	57 49 33.0	— 1	0	6.31	14.7	38 45.34	57 49 4.1	57.9944
90	8.8	41 28.37	56 51 38.2	1	6	6.18	15.0	40 45.88	56 51 9.3	57.9951
91	9.0	43 37.68	57 23 11.6	— 2	1	6.23	15.3	42 55.14	57 22 42.9	57.9960
92	8.8	45 18.35	57 11 35.7	1	4	6.20	15.5	44 35.83	57 11 7.5	57.9965
93		47 35.97	57 2 39.6	— 3	2	6.16	15.8	46 53.49	57 2 11.1	57.9977
94		50 55.10	58 18 52.7	— 2	3	6.30	16.2	50 12.49	58 18 26.4	58.7911
95	8.2	52 52.61	57 7 21.9	— 3	97	6.13	16.5	52 10.15	57 6 53.6	57.10002
96	8.8	54 29.82	59 31 45.7	1	5	6.44	16.7	53 47.09	59 31 21.6	59.7745
		57 30.19	57 8 51.5	— 2	2					[z Indi]
97	9.0	59 19.57	58 35 38.2	0	97	6.27	17.3	58 37.00	58 35 12.5	58.7922
98	9.0	22 1 14.55	57 43 45.9	— 2	1	6.15	17.6	22 0 32.08	57 43 20.0	57.10029
		3 30.63	47 23 17.5	— 2	2					z Gruis

ZONA 63 A

Agosto 9 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		17 ^h 24 ^m 6 ^s 60	60° 34' 10.4	— 1	8					
		35 30.21	58 24 34.8	-- 1	4	-5.48	+19.8	17 ^h 34 43.47	58° 27' 11.0	5 Arae
2		38 5.00	64 38 18.0	— 2	99					58.7230
		41 4.80	57 22 19.5	— 2	2	5.44	19.0	40 18.10	57 24 55.7	4 Pavonis
3		46 23.51	58 47 53.7	— 3	2	5.66	18.7	45 36.59	58 50 31.8	57.8730
		49 31.59	57 22 20.1	— 2	2	5.54	18.0	48 44.78	57 24 57.2	58.7286
4		53 57.16	56 53 31.4	— 2	1	5.51	17.8	53 10.38	56 56 8.4	57.8792
		55 51.85	58 10 11.8	— 2	0	5.70	17.4	55 4.87	58 12 51.0	56.8530
5		18 0 42.42	50 3 20.4	— 2	0					58.7318
		16 5.73	61 29 17.1	— 1	93					5 Arae
6		24 10.31	58 36 3.5	— 1	99	6.06	14.1	18 23 22.96	58 38 46.3	[5 Pavonis]
		26 2.00	58 3 4.0	— 2	91	6.01	13.8	25 14.71	58 5 47.8	58.7404
7		28 4.98	58 4 10.5	— 1	99	6.04	13.5	27 17.66	58 6 53.4	58.7413
		30 11.50	58 36 34.6	— 1	96	6.13	13.3	29 24.08	58 39 18.7	58.7428
8		32 38.96	57 12 8.0	— 2	0	5.98	12.7	31 51.68	57 14 50.5	58.7437
		41 35.21	57 43 13.4	— 2	84	6.12	11.7	40 47.79	57 45 59.9	57.9125
9		43 55.10	58 45 41.1	— 0	95	6.27	11.6	43 7.54	58 48 27.3	57.9198
		45 57.81	57 15 5.8	— 0	3	6.10	11.0	45 10.41	57 17 49.6	58.7503
10		50 9.48	58 45 36.3	— 0	4	6.32	10.7	49 21.87	58 48 22.0	57.9228
		52 22.09	53 0 28.8	— 0	96					58.7552
										Telescopii

ZONA 64 A

Agosto 23 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		18 ^h 16 ^m 17 ^s 87	61° 29' 18.8	— 1	94					[5 Pavonis]
		21 49.73	58 17 18.5	— 2	1	-5.75	+16.4	18 ^h 20 ^m 50 ^s 23	58° 19' 59.2	58° 7386
2		24 22.46	58 36 6.7	— 1	1	5.82	16.2	23 22.85	58 38 48.0	58.7404
		26 14.23	58 3 5.7	— 2	94	5.77	15.9	25 14.68	58 5 47.9	58.7413
3		28 17.23	58 4 13.7	— 1	0	5.80	15.6	27 17.65	58 6 55.2	58.7428
		30 23.72	58 36 37.2	— 1	98	5.89	15.5	29 24.03	58 39 19.7	58.7437
4		32 51.37	57 12 9.3	— 2	99	5.75	14.9	31 51.82	57 14 50.6	57.9125
			57 13 38.9	— 2	10		14.4		57 16 19.2	57.9167
5			58 33 26.7	— 2	0	5.98	14.3	38 45.86	58 36 10.1	58.7485
		39 45.65	57 43 15.9	— 2	91	5.91	13.9	40 47.81	57 46 0.1	57.9198
6		41 47.53		— 2	91	6.06		43 7.59		58.7503
		44 7.46		— 0	94	5.90	13.2	45 7.85	57 17 49.9	57.9228
7		46 7.56	57 15 6.1	— 0	98	6.12	13.1	49 21.94	58 48 22.6	58.7552
		50 21.88	58 45 37.4	— 0	0					Telescopii
8		52 34.45	53 0 28.2	— 0	0					59.7422
		54 37.29	58 57 47.2	— 3	94	6.19	12.6	53 37.29	59 0 33.7	57.9293
9		56 36.71	57 52 25.1	— 2	5	6.07	12.1	55 36.82	57 55 9.1	

ZONA 64 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914 o	Decl. 1914.0	C. P. D.
15		18°58'33".59	58°22'59".0	- 3	28	-6".15	+11".9	18°57'33".62	58°25'40".5	58°7569 (372)
16		19 5 20.77	56 48 6.2	- 2	98	6.62	10.7	19 4 20.92	56 50 50.9	56.9110 [Pavonis 60G]
17		9 35.12	66 45 42.5	0	99					
18		11 55.04	58 58 48.4	- 2	98	6.35	10.3	10 54.87	59 1 36.6	59.7469
19		14 4.51	59 45 19.2	0	5	6.47	10.2	13 4.22	59 48 7.4	59.7473
20		16 55.84	58 7 52.1	- 3	3	6.28	9.5	15 55.73	58 10 39.4	58.7609
21		19 25.16	58 30 31.9	0	2	6.35	9.2	18 24.97	58 33 20.0	58.7611 (379)
22		23 42.00	54 27 8.1	2	4					
23		26 35.56	58 4 3.3	- 1	93	6.32	8.5	22 41.85	58 6 52.9	58.7617
24		29 49.55	59 15 41.0	0	5	6.51	8.4	25 35.21	59 18 30.4	59.7488
25		33 18.09	48 14 27.5	- 1	98					[Telesco.]
26			58 22 45.7	- 3	96	6.43	7.3	32 17.81	58 25 36.5	58.7633
27			57 17 34.9	- 3	0		6.7		57 20 24.5	57.9455
28		38 33.62	57 12 49.6	- 3	4	6.32	6.3	37 33.45	57 15 38.9	57.9469
29		42 8.75	57 53 20.0	- 2	98	6.42	6.0	41 8.47	57 56 11.3	58.7664
30		44 18.40	57 24 59.0	- 1	96	6.37	5.6	43 18.17	57 27 50.4	57.9504
31		47 21.41	57 15 54.0	0	2	6.37	5.1	46 21.18	57 18 44.8	57.9521
32		50 51.59	58 6 15.5	1	2	6.50	4.8	49 51.23	58 9 7.6	58.7683
33	8.2	53 8.01	58 59 27.5	- 1	3	6.64	4.6	52 7.51	59 2 20.7	59.7558
34		54 53.98	58 34 26.1	- 1	9	6.59	4.3	53 53.52	58 37 18.2	58.7692
35		56 54.41	58 39 2.3	- 1	98	6.61	4.1	55 53.93	58 41 56.4	58.7699
36		59 6.01	59 44 2.6	- 1	1	6.78	3.9	58 5.37	59 46 57.6	59.7571
37		20 1 19.99	66 21 6.5	1	1					δ Pavonis
38		3 45.79	58 12 33.2	2	1	6.58	3.0	20 2 45.34	58 15 27.3	58.7718
39		5 9.24	57 43 40.7	- 2	93	6.53	2.7	4 8.84	57 46 35.8	57.9622
40		7 4.59	57 3 18.4	- 2	11	6.44	2.3	6 4.26	57 6 10.5	57.9627
41		9 13.96	57 2 56.6	- 3	20	6.45	2.0	8 13.62	57 5 47.6	57.9636
42		10 55.52	58 52 9.6	2	2	6.71	2.1	9 54.94	58 55 5.3	59.7601
43		14 46.34	58 49 52.7	- 1	96	6.72	1.5	13 45.75	58 52 49.8	58.7742
44		17 25.96	57 20 7.3	0	2	6.52	0.9	16 25.56	57 23 2.5	57.9665
45		19 51.47	56 57 46.9	- 3	5					α Pavonis
46		23 37.30	58 11 28.0	1	93	6.55	0.1	22 36.86	58 14 26.1	58.7755
47		27 13.56	58 52 57.1	- 3	93	6.76	0.3	26 12.92	58 55 56.6	59.7619
48		29 33.25	59 19 14.9	- 1	8	6.84	0.5	28 32.52	59 22 13.0	59.7622
49		31 2.96	56 59 40.8	- 1	9	6.51	1.1	30 2.55	57 2 36.6	57.9720
50		33 7.10	58 5 46.5	0	98	6.67	1.3	32 6.54	58 8 45.2	58.7768
51		36 4.29	59 15 47.3	0	0	6.84	1.5	35 3.55	59 18 47.4	59.7632
52		38 13.34	66 27 37.9	- 3	99					β Pavonis
53		41 7.30	58 23 25.5	- 2	98	6.72	2.4	40 6.68	58 26 25.8	58.7775
54		45 13.20	57 37 4.0	2	99	6.62	3.1	44 12.68	57 40 3.9	57.9756
55		49 6.47	58 43 45.5	- 2	8					γ Indi
56		52 52.01	58 54 58.7	- 1	0	6.81	4.0	51 51.30	58 58 0.9	59.7659
57		55 18.66	59 1 4.1	1	97	6.83	4.4	54 17.92	59 4 7.1	59.7662
58		21 0 30.94	57 53 3.6	- 2	96	6.67	5.3	59 30.36	57 56 6.4	58.7806
59		3 46.04	58 9 43.7	- 1	96	6.70	5.7	2 45.43	58 12 47.3	58.7812
60		7 11.94	57 56 23.5	1	99	6.67	6.2	6 11.36	57 59 16.9	58.7818
61		9 22.38	59 36 56.8	1	0	6.91	6.3	8 21.56	59 40 2.1	59.7682
62		12 5.60	57 51 31.4	1	1	6.65	7.0	11 5.03	57 54 35.1	58.7828
63		15 42.80	58 6 23.3	1	93	6.68	7.4	14 42.20	58 9 29.0	58.7832
64		17 29.42	58 4 58.5	- 1	1	6.68	7.7	16 28.82	58 8 3.3	58.7835
65		20 22.92	65 42 7.1	2	0					γ Pavonis
66		22 20.60	59 41 0.7	1	98	6.90	8.2	21 19.78	59 44 8.3	59.7698
67		25 52.51	57 16 54.4	1	98	6.56	9.0	24 52.02	57 20 0.0	57.9876
68		27 54.76	59 22 30.0	- 3	3	6.84	9.0	26 53.99	59 25 37.4	59.7711
69			69 58 29.4	- 2	33					δ Indi
70		47 47.19	57 41 8.4	1	93	6.55	12.1	46 46.71	57 44 18.2	57.9976

ZONA 65 A

Agosto 24 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del alfiler	Rev.	Microsc.	Red. al lug. med.	A. R. 1914.0	Decl. 1914.0	C. P. D.
		18 ^h 0 55.63	50° 3 21.0	— 2	97				9 Arae
1		7 46.86	58 40 57.6	0	9	-5.60 +18.2	18 ^h 6 ^m 46.48	58° 43 37.1	58.7355
2	9.0	10 0.48	58 40 5.0	0	7	5.62 18.0	9 9.08	58 42 45.0	58.7363
3	8.7	12 45.34	58 44 16.8	— 1	98	5.66 17.7	11 44.39	58 46 58.5	58.7371
4		14 0.53	59 49 47.1	— 1	94	5.81 17.8	12 59.93	59 52 30.6	59.7256
		16 18.86	61 29 19.1	— 1	96				[E Pavonis]
5	8.8	21 50.70	58 17 17.7	2	0	5.73 16.6	20 50.17	58 19 59.7	58.7386
6	8.8	24 23.56	58 36 6.4	1	5	5.79 16.3	23 22.98	58 38 48.3	58.7404
7	8.8	26 15.14	58 3 6.1	— 1	0	5.75 16.0	25 14.60	58 5 48.5	58.7413
8	8.7	28 18.29	58 4 12.6	— 1	0	5.78 15.8	27 17.71	58 6 55.2	58.7428
9	8.0	30 24.75	58 36 36.9	1	0	5.86 15.6	29 24.09	58 39 20.2	58.7437
10	8.6	32 52.31	57 12 8.3	2	0	5.73 15.0	31 51.77	57 14 50.6	57.9125
11	8.9	35 12.13	57 29 58.6	— 1	4	5.83 14.9	34 11.50	57 32 40.8	57.9145
12	8.8	36 59.52	57 13 37.4	— 2	3	5.78 14.5	35 58.93	57 16 19.8	57.9167
13	8.5	39 46.43	58 33 26.4	— 2	1	5.96 14.5	38 45.67	58 36 10.7	58.7485
14	8.7	41 48.53	57 43 16.9	— 2	1	5.89 14.0	40 47.83	57 46 1.0	57.9198
15	8.5	44 8.34	58 45 43.0	0	1	6.04 14.0	43 7.49	58 48 28.1	58.7503
16	8.1	46 8.60	57 15 5.6	0	97	5.88 13.4	45 7.90	57 17 50.1	57.9228
17	8.6	50 22.81	58 45 36.3	0	96	6.10 13.2	49 21.90	58 48 22.8	58.7532
		52 35.32	53 0 27.4	0	94				Telescopii
18	8.2	54 38.29	58 57 46.6	— 3	98	6.17 12.7	53 37.31	59 0 33.7	59.7422
19	8.4	56 37.55	57 52 23.4	— 3	99	6.05 12.2	55 36.69	57 55 9.5	57.9293
20	7.8	58 34.70	58 22 54.1	— 3	1	6.13 12.1	57 33.75	58 25 40.7	58.7569
			52 25 23.5	0	97				(372)
21		19 5 21.66	56 48 5.7	— 2	3	6.00 10.9	19 4 20.84	56 50 51.3	56.9110
		9 36.08	66 45 42.0	0	2				Pavonis 60 G
22		11 55.96	58 58 47.3	— 2	97	6.33 10.5	10 54.81	59 1 36.8	59.7469
23		14 5.41	59 45 18.1	0	0	6.46 10.4	13 4.13	59 48 8.1	59.7473
24	8.7	16 56.80	58 7 50.6	— 3	1	6.26 9.6	15 55.71	58 10 39.3	58.7609
25	8.6	19 26.15	58 30 31.6	0	4	6.33 9.4	18 24.99	58 33 20.5	58.7611
			54 27 6.7	2	0				(379)
26	8.6	23 42.90	58 4 3.1	— 1	1	6.31 8.7	22 41.76	58 6 52.6	58.7617
27	8.6	26 36.43	59 15 41.2	0	8	6.49 8.6	25 35.11	59 18 31.3	59.7488
		29 50.57	48 14 26.1	— 1	95				[Telesco.]
28		33 19.04	58 22 45.4	— 3	1	6.42 7.5	32 17.78	58 25 36.6	58.7633
29	8.2	36 13.53	57 17 33.8	— 3	0	6.30 6.9	35 12.38	57 20 24.5	57.9455
30	8.7	38 34.56	57 12 48.2	— 3	98	6.30 6.5	37 33.41	57 15 39.4	57.9469
31	7.9	42 9.66	57 53 19.9	— 2	5	6.41 6.2	41 8.41	57 56 11.2	58.7664
32		44 19.30	57 24 59.4	— 1	3	6.36 5.7	43 18.09	57 27 52.1	57.9504
33		47 22.27	57 14 53.4	— 1	4	6.36 5.3	46 21.05	57 17 46.1	57.9521
34	6.5	50 52.52	58 6 15.3	1	6	6.49 5.0	49 51.17	58 9 7.8	58.7683
35	8.8	53 9.10	58 59 26.1	— 1	96	6.63 4.8	52 7.62	59 2 21.4	59.7558
36	7.9	54 54.89	58 34 24.1	— 1	97	6.58 4.5	53 53.45	58 37 19.0	58.7692
37	8.1	56 55.39	58 39 2.1	— 1	0	6.60 4.3	55 53.93	58 41 57.0	58.7699
38	8.6	59 6.93	59 44 6.2	— 1	28	6.77 4.2	58 5.30	59 46 58.4	59.7571
		20 1 21.00	66 21 5.7	1	1				5 Pavonis
39	8.6	3 46.68	58 12 33.0	— 3	97	6.57 3.2	20 2 45.24	58 15 28.9	58.7718
40		5 10.18	57 43 41.2	— 2	99	6.52 2.9	4 8.80	57 46 36.5	57.9622
41	8.6	7 5.56	57 3 16.0	— 2	97	6.43 2.5	6 4.26	57 6 11.2	57.9627
42	8.5	9 14.82	57 2 53.8	— 3	4	6.44 2.2	8 13.51	57 5 48.3	57.9636
43		10 56.49	58 52 7.6	2	98	6.70 2.3	9 54.93	58 55 4.9	59.7601
44	8.8	14 47.14	58 49 51.6	— 1	98	6.71 1.7	13 45.57	58 52 49.5	58.7742

ZONA 65 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
45	8.9	20 ^b 17 ^m 26 ^s .92	57° 20' 6".6	0	3	-6".51	+ 1".1	20 ^b 16 ^m 25 ^s .53	57° 23' 2".6	57.9665
		19 52.33	56 57 44.9	- 3	96					z Pavonis
46	8.4	27 14.37	58 52 58.0	- 3	1	6.76	- 0.1	26 12.74	58 55 57.6	59.7619
47	8.7	29 34.14	59 19 13.9	- 1	7	6.83	0.3	28 32.44	59 22 13.2	59.7622
48	8.7	31 4.04	56 59 38.0	- 1	93	6.51	0.9	30 2.65	57 2 37.1	57.9720
49	8.9	33 8.15	58 5 46.7	0	99	6.66	1.1	32 6.61	58 8 46.3	58.7768
50	8.5	36 5.28	59 15 46.3	0	0	6.84	1.3	35 3.57	59 18 47.5	59.7632
			66 27 36.7	- 3	97					β Pavonis
51	9.0	41 8.38	58 23 24.5	- 2	0	6.72	2.2	40 6.79	58 26 25.6	58.7775
52	8.5	45 13.97	57 37 3.4	2	1	6.62	2.9	44 12.47	57 40 3.9	57.9756
		49 7.49	58 43 43.7	- 2	5					β Indi
53	8.6	52 52.88	58 54 58.3	- 1	3	6.81	3.8	51 51.19	58 58 1.1	59.7659
54	8.9	55 19.72	59 1 4.3	1	4	6.82	4.1	54 18.01	59 4 7.4	59.7662
55	8.8	58 38.53	58 53 34.3	- 2	99	6.81	4.6	57 36.84	58 56 38.5	59.7666
56	8.6	21 0 31.89	57 53 4.0	- 2	5	6.66	5.1	59 30.35	57 56 6.6	58.7806
57	8.5	3 47.04	58 9 45.1	- 1	6	6.70	5.5	21 2 45.45	58 12 48.3	58.7812
58	8.8	7 12.85	57 56 22.4	1	95	6.67	6.0	6 11.30	57 59 27.4	58.7818
59	8.0	9 23.34	59 36 55.9	1	98	6.91	6.1	8 21.55	59 40 2.6	59.7682
60	8.6	12 6.54	57 51 29.5	1	96	6.66	6.7	11 5.00	57 54 35.0	58.7828
61	8.8	15 43.72	58 6 23.3	1	0	6.69	7.2	14 42.13	58 9 29.0	58.7832
62	7.8	17 30.41	58 4 58.1	- 1	0	6.68	7.5	16 28.84	58 8 4.0	58.7835
63	8.0		59 41 1.8	1	12		8.0		59 44 8.4	59.7698
		20 23.87	65 42 5.8	2	95					γ Pavonis
64	8.3	25 53.57	57 16 54.6	1	0	6.56	8.8	24 52.11	57 20 0.9	57.9876
		32 14.54	65 9 19.3	- 1	3					(422)
65		35 0.89	57 34 0.9	- 1	4	6.58	10.1	33 59.41	57 37 8.3	57.9924
66	8.4	37 9.52	57 57 8.3	2	97	6.62	10.3	36 8.00	58 0 17.3	58.7880
67		38 55.98	57 37 22.8	2	1	6.57	10.6	37 54.51	57 40 31.1	57.9941
68	8.9	42 51.29	58 23 2.8	- 2	97	6.67	11.1	41 49.71	58 26 13.3	58.7897
		44 35.83	69 58 22.9	- 2	97					[0 Indi]
69		47 48.13	57 41 9.2	1	0	6.55	11.9	46 46.67	57 44 19.0	57.9976
70		51 14.89	59 42 19.0	2	3	6.82	12.1	50 13.16	59 45 31.1	59.7742
		53 5.52	55 21 0.1	1	5					[5 Indi]
71		57 49.03	57 5 15.4	0	1	6.44	13.3	56 47.67	57 8 25.8	57.10015
72		22 1 9.81	56 50 14.3	0	28	6.39	13.8	22 0 8.50	56 53 21.0	57.10027
		3 49.48	47 19 39.1	- 1	96					z Gruis

ZONA 66 A

Agosto 25 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.4	18 ^b 0 ^m 56 ^s .49	50° 3' 17".5	- 2	80					θ Arae
2	8.8	5 26.64	58 9 42.9	- 1	1	-5".48	+18".5	18 ^b 4 ^m 25 ^s .62	58° 12' 23".6	58.7349
3	9.0	9 2.47	58 9 56.3	- 1	10	5.53	18.1	8 1.40	58 12 36.4	58.7362
		11 52.07	58 31 5.5	1	0	5.60	17.9	10 50.93	58 33 47.4	58.7368
		16 19.71	61 29 17.9	- 1	0					[z Pavonis]

ZONA 66 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
4	8.5	18 ^b 18 ^m 41 ^s .19	57° 21' 25".6	1	7	-5.56	+16.8	18 ^b 17 ^m 40 ^s .08	57° 24' 6".1	57.9019
5	8.4	22 39 95	58 28 10.4	- 2	2	5.73	16.6	21 38.68	58 30 53.2	58.7391
6		25 14.22	56 59 47.7	- 1	1	5.60	16.0	24 13.07	57 2 29.5	57.9074
7		26 58.32	58 43 22.0	- 2	4	5.81	16.2	25 56.97	58 46 5.3	58.7418
8		29 54.14	59 21 9.0	1	4	5.92	16.0	28 52.68	59 23 53.2	59.7310
9		33 17.03	58 53 54.6	- 2	0	5.91	15.5	32 15.57	58 56 39.3	58.7455
10	8.8	35 15.91	59 27 40.9	- 3	1	6.00	15.4	34 14.36	59 30 26.3	57.7336
11	8.9	37 0.45	57 13 35.5	- 2	0	5.76	14.6	35 59.13	57 16 19.0	57.9167
12		39 7.59	56 55 22.5	0	3	5.75	14.3	38 6.29	56 58 5.6	57.9180
13	8.8	41 15.73	58 5 52.1	0	2	5.90	14.3	40 14.27	58 8 36.7	57.7491
14	8.8	43 22.40	57 0 21.7	0	9	5.80	13.8	42 21.04	57 3 4.5	57.9212
		45 17.18	62 14 26.6	- 1	8					γ Pavonis
		52 36 19	53 0 27.4	0	4					δ Telescopii
15	8.5	55 44.79	57 2 36.2	- 3	5	5.93	12.3	54 43 28	57 5 21.1	57.9291
16		57 20.71	58 36 30.3	1	1	6.13	12.5	56 19.01	58 39 17.5	58.7563
17		19 0 21.02	57 11 42.6	1	5	5.99	11.7	59 19.45	57 14 28.3	57.9314
18		4 20.34	58 10 48.2	0	3	6.14	11.5	19 3 18.62	58 13 35.6	57.7588
19		6 9.33	58 59 49.0	- 1	2	6.26	11.4	5 7.50	59 2 37.7	59.7460
		9 36.80	66 45 41.4	0	7					ρ Pavonis 60 G
20		11 56.71	58 58 47.8	- 2	7	6.31	10.7	10 54.82	59 1 36.5	59.7469
21		14 6.06	59 45 16.8	0	1	6.44	10.5	13 4.04	59 48 7.4	59.7473
22		17 25.56	59 40 38.0	0	8	6.46	10.1	16 23.52	59 43 28.0	59.7476
23		19 29.19	58 49 52.9	- 1	5	6.36	9.6	18 27.25	58 52 42.7	58.7612
			54 27 5.8	2	5					(379)
24		24 17.91	59 21 1.7	1	92	6.47	9.1	23 15.86	59 23 54.5	59.7484
25		27 39.81	58 28 52.8	- 2	1	6.38	8.5	26 37.85	58 31 43.9	58.7621
		29 51.35	48 14 25.5	- 1	97					[1 Telesco.]
26		33 38.66	58 18 3.6	- 2	0	6.40	7.6	32 36.66	58 20 55.6	58.7636
27		36 14.31	57 17 33.0	- 3	3	6.29	7.0	35 12.42	57 20 23.9	57.9455
28		39 48.51	57 42 17.4	2	0	6.36	6.6	38 46.56	57 45 9.5	57.9473
		42 1.99	56 31 22.2	1	1					[2 Telesco.]
29		46 6.93	56 54 19.9	- 1	0	6.30	5.6	45 5.04	56 57 12.1	57.9508
30		49 3.77	57 1 52.4	1	98	6.33	5.2	48 1.84	57 4 45.4	57.9534
31		50 55.41	57 4 46.8	- 1	96	6.62	5.4	49 53.18	59 7 42.5	59.7550
32		53 12.24	59 14 31.6	- 1	4	6.65	5.1	52 9.99	59 17 26.7	59.7559
33		55 32.53	59 33 44.7	- 2	3	6.71	4.8	54 30.22	59 36 40.6	59.7564
34		57 33.81	56 54 28.7	- 1	0	6.36	4.0	56 31.85	56 57 22.6	57.9584
		20 1 21.66	66 21 5.2	1	2					σ Pavonis
35		6 34.23	58 19 19.0	- 1	95	6.59	3.0	20 5 32.03	58 22 16.3	58.7724
36		9 4.18	57 11 8.0	1	1	6.45	2.4	8 2.12	57 14 3.6	57.9635
37		11 3.69	58 52 6.8	2	94	6.69	2.5	10 1.39	58 55 5.4	59.7601
		19 53.04	56 57 44.3	- 3	1					τ Pavonis
38		23 50.84	59 0 25.5	0	97	6.76	0.6	22 48.47	59 3 26.7	59.7618
			66 27 40.0	- 3	25					υ Pavonis

ZONA 67 A

Septiembre 1° de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		19 ^h 37 ^m 28 ^s .63	58° 7' 56".7	-- 3	80	- 6".31	+ 7".8	19 ^h 37 ^m 20 ^s .32	58° 10' 50".0	58° 7' 65.0
		41 8.28	56 31 26.1	1	18					[² Telesco.]
2		44 19.30	58 40 28.3	0	0	6.41	7.3	44 10.88	58 43 29.7	58.7669
		47 19.14	61 20 44.3	0	5					(387)
3		50 1.78	59 4 49.3	- 1	94	6.51	6.6	49 53.26	59 7 42.8	59.7550
4		53 39.91	57 0 26.4	0	8	6.26	5.7	53 31.62	57 3 16.4	57.9570
5		56 40.10	56 54 30.6	- 1	97	6.27	5.2	56 31.80	56 57 22.5	57.9584
6		58 49.99	57 48 47.2	- 2	96	6.40	5.2	58 41.56	57 51 40.4	57.9596
7		20 5 40.71	58 19 21.8	- 1	0	6.50	4.3	20 5 32.19	58 22 15.9	58.7724
8		8 10.47	57 11 9.1	1	96	6.37	3.7	8 2.07	57 14 3.0	57.9635
9	8.8	10 3.59	58 52 10.3	2	4	6.70	3.8	9 54.96	58 55 4.9	59.7601
10	8.1	13 58.69	59 15 22.9	0	99	6.88	3.4	13 49.98	59 18 19.2	59.7605
11		15 28.07	59 36 41.0	1	0	6.74	3.2	15 19.31	59 39 37.7	59.7606
		18 59.33	56 57 46.1	- 3	93					² Pavonis
12	8.2	22 57.32	59 0 28.7	0	95	6.68	2.0	22 48.60	59 3 26.6	59.7618
13	9.0	26 1.61	56 51 0.5	1	0	6.41	1.2	25 53.15	56 53 55.9	57.9708
14	8.7	29 27.11	58 1 56.1	1	0	6.58	0.9	29 18.49	58 4 53.2	58.7772
		31 39.04	47 32 43.7	- 3	97					² Indi
		37 23.48	66 27 38.9	- 3	97					² Pavonis
15	9.0	39 45.02	59 11 43.6	1	4	6.77	- 0.3	39 36.21	59 14 42.4	59.7635
16		46 27.99	55 59 36.1	- 1	17	6.49	1.7	46 9.44	57 2 32.1	57.9762
		48 14.70	58 43 44.7	- 2	94					² Indi

ZONA 68 A

Septiembre 2 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		18 ^h 59 ^m 39 ^s .76	52° 25' 25".2	0	96					(372)
2	8.5	19 2 48.07	59 38 20.0	- 2	96	- 6".15	+ 13".1	19 ^h 2 ^m 38 ^s .82	59° 41' 7".2	59.7453
3	7.6	5 30.53	59 47 8.4	2	2	6.20	12.8	5 21.23	59 49 55.1	59.7461
4		7 35.86	58 6 5.5	1	97	6.01	12.1	7 26.75	58 8 51.6	58.7594
5		10 24.75	58 18 15.7	- 2	5	6.06	11.8	10 15.58	58 21 1.2	58.7600
		12 23.52				6.23		12 14.48		59.7471
6		28 58.87	48 14 28.1	- 1	98					[¹ Telesco.]
		31 21.60	58 7 42.5	- 3	18	6.22	9.1	31 12.26	58 10 28.7	58.7627
7		34 17.71	58 24 54.0	- 1	4	6.28	8.8	34 8.31	58 27 42.9	58.7640
8		37 29.88	58 8 0.3	- 2	97	6.27	8.3	37 20.49	58 10 50.0	58.7650
		41 9.31	56 31 24.1	1	98					[² Telesco.]
9	8.0	44 20.33	58 40 39.1	0	0	6.40	7.5	44 10.80	58 43 30.1	58.7669
		47 20.29	61 20 43.8	0	0					(387)
10		50 2.76	59 4 49.7	- 1	93	6.49	6.8	49 53.14	59 7 42.9	59.7550
11		53 46.87	57 1 43.8	1	30	6.25	5.8	53 37.47	57 4 30.1	57.9570
12	8.6	56 41.27	56 54 30.5	- 1	97	6.25	5.4	56 31.87	56 57 22.0	57.9584
13	8.4	58 51.07.	57 48 48.5	- 2	3	6.38	5.3	58 41.54	57 51 41.5	57.9596

ZONA 68 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med		A. R. 1914.0	Decl. 1914.0	C. P. D.
14	8.0	20 ^b 5 ^m 41.76	58° 19' 22.7	— 1	2	-6.49	+ 4.5	20 ^b 5 ^m 32.13	58° 22' 16.0	58.7724
15		8 11.61	57 11 9.7	1	95	6.36	3.9	8 2.11	57 14 3.2	57.9635
16	8.7	10 4.68	58 52 9.2	2	95	6.59	4.0	9 54.94	58 55 4.7	59.7601
17	8.0	13 59.76	59 15 23.5	0	2	6.66	3.6	13 49.95	59 18 18.8	59.7605
18		15 29.08	59 36 42.2	1	4	6.72	3.3	15 19.21	59 39 37.9	59.7606
		19 0.58	56 57 47.3	— 3	0					z Pavonis
19	8.1	22 58.24	59 0 30.8	0	4	6.67	2.2	22 48.41	59 3 26.9	59.7618
20	9.0	26 2.92	56 51 0.1	1	93	6.40	1.4	25 53.35	56 53 56.0	57.9708
21	8.4	29 28.12	58 1 55.5	1	95	6.71	1.1	29 18.35	58 4 52.8	58.7762
		31 39.92	47 32 44.3	— 3	0					z Indi
22	8.2	35 6.53	59 42 1.7	2	99	6.82	0.7	34 56.55	59 45 1.9	59.7631
		37 24.67	66 27 40.3	— 3	99					z Pavonis
23	8.8	39 46.01	59 11 41.0	1	86	6.76	- 0.1	39 36.09	59 14 42.3	59.7635
24	8.6	46 19.05	56 59 33.7	— 1	97	6.48	1.5	46 9.39	57 2 32.1	57.9762
		48 15.79	58 43 45.6	— 2	98					z Indi
25		50 47.65	59 21 14.1	1	97	6.82	1.7	50 37.66	59 24 15.6	59.7657
26	8.5	52 57.62	59 8 28.1	— 2	90	6.79	2.0	52 47.65	59 11 30.7	59.7660
27		54 27.88	59 1 5.6	1	0	6.78	2.2	54 17.92	59 4 6.8	59.7662
28		58 4.77	59 13 22.0	— 2	5	6.81	2.7	57 54.78	59 16 23.3	59.7667
29	8.6	21 2 36.84	58 37 47.5	— 3	32	6.73	3.5	21 2 26.93	58 40 44.9	58.7810
30		6 3.88	57 30 55.8	0	3	6.59	4.2	5 54.10	57 33 56.6	57.9808
		9 47.11	53 34 12.5	— 1	98					[Indi 23 G]
31		12 23.45	56 52 24.7	2	4	6.51	5.2	12 13.74	56 55 25.7	57.9823
32		15 0.35	56 56 11.3	1	1	6.52	5.5	14 50.63	56 59 13.2	57.9832
33		18 0.08	59 0 32.0	0	3	6.80	5.6	17 50.09	59 3 36.1	59.7695
34		20 1.45	58 16 6.3	1	97	6.69	6.0	19 51.57	58 19 10.8	58.7842
35		21 29.88	59 41 3.0	1	4	6.90	6.0	21 19.79	59 44 8.2	59.7698
36		24 56.57	57 12 40.6	— 3	98	6.55	6.9	24 46.82	57 15 44.6	57.9873
37		27 21.34	58 32 3.6	2	94	6.73	7.0	27 11.41	58 35 9.8	58.7860
38		29 34.06	57 57 31.8	— 3	4	6.65	7.4	29 24.21	58 0 36.4	58.7865
		31 22.87	65 9 22.5	— 1	2					(422)
39		34 4.44	57 46 40.6	1	6	6.62	8.1	33 54.61	57 49 45.3	58.7875
40	9.0	36 39.83	57 7 44.1	— 3	18	6.53	8.6	36 30.10	57 10 46.8	57.9936
41	9.0	38 55.13	57 46 1.2	1	20	6.61	8.8	38 45.31	57 49 4.5	57.9944
42	8.8	40 55.48	56 48 3.6	— 2	99	6.48	9.2	40 45.78	56 51 9.3	57.9951
43	9.0	43 4.84	57 19 34.8	— 1	91	6.55	9.4	42 55.08	57 22 42.6	57.9960
44		44 45.59	57 8 0.5	— 2	97	6.52	9.7	44 35.86	57 11 7.4	57.9965
45		47 3.04	56 59 4.3	— 1	99	6.50	10.0	46 53.32	57 2 11.0	57.9977
46			58 15 18.0	0	4		10.3		58 18 25.7	58.7911
47	8.2		57 3 46.3	— 2	95		10.8		57 6 54.4	57.10002
48	8.8		59 28 11.4	— 2	99		10.7		59 31 21.8	59.7745
		56 57.37	57 5 17.1	0	1					z Indi
49	8.8	58 46.84	58 32 3.0	2	5	6.67	11.5	58 36.94	58 35 19.1	58.7922
50	9.0	22 0 41.83	57 40 10.7	0	2	6.55	11.8	22 0 32.05	57 43 19.6	57.10029
		2 57.75	47 19 39.9	— 1	94					z Gruis
		12 47.32								z Tucanae
51		23 47.34	57 15 23.4	0	94	6.40	15.0	23 37.70	57 18 36.2	57.10094
52		27 43.02	58 15 2.3	0	6	6.51	15.4	27 33.27	58 18 4.9	58.7969
53		29 4.80	57 46 6.0	1	0	6.44	15.7	28 55.12	57 49 19.1	58.7970
54		30 28.92	58 16 27.6	1	0	6.50	15.8	30 19.18	58 19 41.5	58.7971
55		32 23.99	58 14 51.0	— 1	25	6.48	16.1	32 14.27	58 18 1.5	58.7976
56		36 51.56	57 26 6.2	1	83	6.35	16.7	36 41.97	57 29 22.5	57.10122
57		39 35.91	57 13 30.0	— 2	6	6.31	17.1	39 26.36	57 16 43.1	57.10134
		43 30.86	51 43 0.5	— 2	98					z Gruis
58	9.0	45 40.78	58 6 56.4	1	0	6.38	17.8	45 31.15	58 10 12.1	58.8006
		48 53.49								z Indi
59		52 16.31	57 59 19.1	— 1	0	6.32	18.7	52 6.73	58 2 35.5	58.8022

ZONA 69 A

Septiembre 7 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		18 ^b 44 ^m 28 ^s .95	62 14 26.8	— 1	0					z Pavonis
1	8.5	46 57.68	59 9 7.4	— 1	2	-5.78	+15.74	18 ^b 46 ^m 44 ^s .22	59° 11' 52".4	59.7397
2	8.4	49 35.47	58 45 37.8	0	96	5.76	14.8	49 22.03	58 48 23.8	58.7532
		51 48.00	53 0 28.4	0	99					z Telescopii
3		56 9.63	57 4 13.5	— 1	96	5.65	13.8	55 56.30	57 6 58.5	57.9295
			52 25 25.5	0	3					(372)
4	9.0	19 3 47.67	59 38 12.5	— 2	99	6.03	13.6	19 3 33.95	59 41 0.4	59.7457
5			58 21 38.6	1	0		13.1		58 24 25.3	58.7591
6		12 6.89	58 49 45.8	— 1	4	6.02	12.4	11 53.17	58 52 33.1	58.7603
7	8.9	16 37.34	59 40 38.9	0	98	6.18	12.1	16 23.46	59 43 28.5	59.7476
8		45 6.30	57 50 11.5	0	10	6.19	8.0	44 52.40	57 53 1.2	57.9506
		47 24.77	61 20 45.5	0	12					(387)
9		50 48.11	59 42 23.0	2	99	6.48	7.7	50 33.91	59 45 16.9	59.7552
10		54 7.60	58 34 29.5	— 1	25	6.35	7.0	53 53.53	58 37 19.0	58.7692
11		56 48.92	59 11 43.7	1	98	6.45	6.8	56 34.75	59 14 37.9	59.7568
12	9.0	59 0.80	58 43 13.4	— 2	98	6.41	6.4	58 46.66	58 46 7.6	58.7709
13		20 3 59.39	58 12 34.2	— 3	0	6.37	5.7	20 2 45.29	58 15 28.2	58.7718
14		5 56.25	58 12 59.5	— 3	0	6.39	5.3	5 42.13	58 15 53.9	58.7725
15		8 1.06	57 51 30.9	1	93	6.36	5.0	7 46.97	57 54 26.1	58.7730
16		9 48.15	59 19 44.9	— 1	0	6.57	5.1	9 33.85	59 22 40.9	59.7599
17	8.9	13 29.77	58 58 46.8	— 2	97	6.54	4.5	13 15.50	59 1 43.4	59.7603
18	8.5	15 47.01	56 43 31.0	— 2	99	6.26	3.7	15 33.01	56 45 25.4	56.9470
		19 5.05	56 57 47.3	— 3	99					z Pavonis
19	8.8	21 17.22	57 52 32.7	— 3	0	6.43	3.2	21 3.05	57 55 28.9	58.7753
20	8.9	23 26.13	57 52 6.9	2	0	6.44	2.9	23 11.95	57 55 3.3	58.7756
21	9.0	26 6.94	57 13 41.5	— 2	95	6.37	2.4	25 52.83	57 16 38.5	57.9707
22	8.5	28 46.88	59 19 20.5	— 1	35	6.67	2.5	28 32.46	59 22 14.0	59.7622
		31 44.48	47 32 40.3	— 3	78					z Indi
23	8.7	34 1.38	59 35 42.8	0	96	6.73	1.8	33 46.90	59 38 42.9	59.7628
24	8.8	35 46.70	57 3 29.5	— 2	88	6.39	1.0	35 32.56	57 6 28.6	57.9744
		37 28.99	66 27 40.9	— 3	8					z Pavonis
25	9.0	40 27.18	58 33 39.5	— 2	2	6.61	0.7	40 12.82	58 36 38.7	58.7776
26	9.0	42 42.46	58 26 36.9	1	96	6.60	0.3	42 28.11	58 29 37.1	58.7780
27	8.5	44 55.23	57 43 58.6	— 2	2	6.52	— 0.1	44 40.96	57 46 57.6	57.9758
		48 20.18	58 43 43.9	— 2	90					z Indi
28	9.0	50 36.60	59 19 42.9	— 1	92	6.75	0.6	50 22.09	59 22 45.8	59.7653
29	8.3	53 2.16	59 8 29.2	— 2	3	6.73	1.0	52 47.67	59 11 30.6	59.7660
30	8.7	54 49.04	58 31 23.3	1	93	6.65	1.3	54 34.63	58 34 25.7	58.7800
31	8.8	56 48.59	58 47 8.2	2	4	6.69	1.6	56 34.14	58 50 9.6	58.7802
32	8.7		57 8 41.6	— 2	3		2.3		57 11 41.9	57.9788
33	8.5		56 55 51.2	0	98		2.6		56 58 52.3	57.9795
34		21 4 0.47	59 42 19.7	2	4	6.84	2.4	21 3 45.87	59 45 23.0	59.7677
35	8.6	5 46.07	57 55 27.6	0	0	6.60	3.0	5 31.70	57 58 30.0	58.7816
			53 34 12.0	— 1	0					[Indi 23 G]
36	8.6	12 23.85	57 1 29.1	1	99	6.49	4.1	12 9.59	57 4 31.6	57.9822
37		14 28.54	58 9 38.2	— 1	86	6.64	4.2	14 14.13	58 12 44.1	58.7831
38		16 43.25	58 6 3.1	1	23	6.63	4.5	16 28.85	58 9 3.9	58.7835
		19 36.59	65 42 7.9	2	95					z Pavonis
39		21 34.47	59 41 5.3	1	23	6.86	4.9	21 19.83	59 44 8.4	59.7798
40	9.0	23 33.33	57 40 38.7	0	20	6.59	5.6	23 18.95	57 43 40.4	57.9865
41		25 48.14	59 4 35.3	— 1	98	6.78	5.6	25 33.58	59 7 42.1	59.7705
42		27 39.02	57 24 39.6	— 1	7	6.55	6.2	27 24.69	57 27 43.5	57.9888

ZONA 69 A (Conclusión)

Nº	Mag.	Hilo medio	Leer. del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
43		21 ^h 20 ^m 48.75	57° 29 16.9	— 1	98	-6.56	- 6.74	21 ^h 20 ^m 34.41	57° 32' 22.5	57° 9903
44	9.0	33 0.24	57 3 33.7	— 2	0	6.51	7.0	32 45.95	57 6 39.1	57.9919
45	8.5	35 6.83	58 4 33.6	— 1	0	6.64	7.1	34 52.41	58 7 40.3	58.7877
46	8.4	37 26.72	58 7 15.2	— 2	95	6.64	7.4	37 12.29	58 10 23.0	58.7885
47	9.0	39 34.74	57 32 1.9	— 2	97	6.56	7.8	39 20.38	57 35 9.0	57.9945
48	8.8	41 23.24	59 12 33.4	— 3	81	6.79	7.8	41 8.66	59 15 45.0	59.7732
49	8.8	43 18.79	58 17 21.6	— 2	5	6.66	8.2	43 4.34	58 20 28.8	58.7899
50		47 1.15	57 41 9.9	— 1	96	6.58	8.8	46 46.77	57 44 17.9	57.9976
51	8.9	49 8.44	57 26 51.6	— 1	0	6.54	9.2	48 54.11	57 29 59.6	57.9985
		52 18.48	55 21 0.3	— 1	98					γ Indi
52		55 14.73	56 49 53.2	— 1	98	6.45	10.1	55 0.47	56 53 1.7	57.10008
53	8.5		58 36 51.5	— 1	96		10.2		58 40 2.5	58.7920
54	8.2		59 19 26.0	— 1	7		10.3		59 22 36.5	59.7756
		22 3 2.44	47 19 40.6	— 1	1					z Gruis
55		6 3.36	59 12 5.1	— 2	3	6.74	11.2	22 5 48.82	59 15 16.8	59.7773
56	8.8	8 44.00	58 23 28.7	— 2	4	6.62	11.7	8 29.58	58 26 39.9	58.7932
57	8.5	10 36.64	59 36 36.5	— 1	18	6.79	11.8	10 22.04	59 39 47.3	59.7783
		12 51.92	60 38 8.4	— 2	25					z Tucanae
58		15 7.35	57 53 18.5	— 2	3	6.53	12.7	14 53.01	57 56 30.2	58.7942
59	8.5	16 49.90	58 22 43.5	— 3	97	6.59	12.8	16 35.50	58 25 56.8	58.7947
60	8.7	18 59.63	58 39 40.1	— 1	99	6.62	13.9	18 45.20	58 42 53.6	58.7953
61	8.8	23 52.00	57 15 20.1	— 0	94	6.42	13.9	23 37.76	57 18 33.5	57.10094
62		28 15.97	58 36 11.7	— 1	0	6.57	14.3	28 1.58	58 39 26.2	58.7969
63		30 33.50	58 16 27.5	— 1	0	6.52	14.7	30 19.16	58 19 42.0	58.7971
64	8.5	32 12.44	59 9 23.6	— 1	1	6.63	14.8	31 57.99	59 12 39.2	59.7815
		37 45.55	47 17 1.2	— 2	4					β Gruis
65	8.0	39 50.89	57 29 17.9	— 1	4	6.38	16.0	39 36.69	57 32 32.3	57.10135
66	8.7	41 29.84	56 59 50.3	— 1	13	6.31	16.3	41 15.70	57 3 3.0	57.10139
		43 35.54	51 42 59.6	— 3	94					z Gruis
67		46 2.51	56 52 47.3	— 3	96	6.27	16.9	45 48.41	56 56 3.0	57.10153
68	8.0	48 12.79	58 15 20.8	— 0	90	6.42	17.0	47 58.54	58 18 39.1	58.8009
69	9.0	49 46.30	58 22 57.7	— 3	2	6.43	17.2	49 32.04	58 26 14.7	58.8015
70	7.8	52 3.78	57 48 14.4	— 2	92	6.35	17.5	51 49.60	57 51 32.5	58.8021
71	8.2	53 51.07	57 10 44.7	— 0	99	6.26	17.8	53 36.98	57 14 1.3	57.10170
			53 9 43.3	— 1	3					[z Gruis]
72	8.4	58 21.72	57 15 9.6	— 0	4	6.24	18.4	58 7.64	57 18 26.1	57.10182
73		23 0 29.23	59 18 30.3	— 2	4	6.48	18.4	23 0 14.91	59 21 49.3	59.7857
74	8.3	2 53.97	58 43 2.8	— 2	94	6.39	18.8	2 39.74	58 46 23.0	58.8043
75		5 10.54	58 27 11.8	— 2	3	6.34	19.1	4 56.36	58 30 30.6	58.8048
76	8.9	7 46.52	57 28 35.3	— 2	6	6.20	19.5	7 32.48	57 31 52.9	57.10219
77	8.1	9 40.98	57 38 58.9	— 2	4	6.21	19.7	9 26.92	57 42 17.3	57.10228
		12 39.19	58 39 5.1	— 1	95					γ Tucanae

ZONA 70 A

Septiembre 8 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microsc.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		18 ^h 44 ^m 29 ^s 59	62°14'26".9	— 1	6					λ Pavonis
1	8.7	53 26.29	59 32 24.1	— 2	95	-5.87	+14".9	18 ^h 53 ^m 11 ^s 82	59°35'11".8	59.7421
2		56 10.52	57 4 13.4	— 1	99	5.63	13.9	55 56.29	57 6 58.6	57.9295 (372)
3	9.0	59 45.42	52 25 24.0	0	97			19 3 33.72	59 41 0.7	59.7457
4	8.5	19 3 48.32	59 38 12.6	— 2	2	6.00	13.7	5 24.39	58 24 24.2	58.7591
		5 38.86	58 21 36.9	1	0	5.87	13.2			[Pavonis 60 G]
		8 49.37	66 45 42.2	0	0					58.7603
5	8.6	12 8.00	58 49 47.1	— 1	18	5.98	12.6	11 53.41	58 52 33.0	59.7476
6		16 38.30	59 40 40.5	0	15	6.14	12.2	16 23.55	59 43 28.3	(379)
		21 8.08	54 27 7.8	2	6					59.7484
7	8.5	23 30.65	59 21 6.5	1	5	6.17	11.3	23 15.86	59 23 56.3	59.7490
8	9.0	26 18.66	59 0 11.8	0	4	6.15	10.8	26 3.90	59 3 1.7	[Telesco.]
		29 4.09	48 14 26.7	— 1	96					58.7633
9	7.8	32 32.45	58 22 44.6	— 3	90	6.13	9.9	32 17.70	58 25 36.8	59.7501
10	9.0	34 55.76	59 36 15.3	1	93	6.31	9.9	34 40.83	59 39 8.5	58.7653
11	8.8	38 25.95	58 7 28.3	2	90	6.15	9.1	38 11.18	58 10 20.9	[Telesco.]
		41 14.75	56 31 24.9	1	3					57.9506
12	8.5	45 8.15	57 50 9.2	0	93	6.17	8.2	44 53.35	57 53 1.9	(387)
		47 25.70								59.7552
13	8.2	50 49.01	59 42 22.6	2	95	6.46	7.9	50 33.92	59 45 17.7	58.7692
14	8.0	54 8.27	58 34 25.6	— 1	98	6.33	7.2	53 53.31	58 37 19.6	59.7568
15	8.9	56 49.65	59 11 43.2	1	0	6.43	7.0	56 34.59	59 14 37.8	58.7709
16	8.9	59 1.70	58 43 12.9	— 2	1	6.39	6.6	58 46.67	58 46 7.3	58.7718
17	8.6	20 3 0.15	58 12 33.5	— 3	99	6.35	5.9	20 2 45.16	58 15 28.3	58.7725
18	8.8	5 57.11	58 12 58.2	— 3	95	6.37	5.5	5 42.10	58 15 53.9	58.7730
19	8.6	8 1.91	57 51 31.3	1	98	6.34	5.2	7 46.93	57 54 26.4	59.7599
20	8.8	9 49.04	59 19 44.6	— 1	5	6.55	5.3	9 33.86	59 22 40.4	59.7603
21	8.9	13 30.54	58 58 46.2	— 2	95	6.52	4.7	13 15.38	59 1 43.7	56.9470
22		15 47.92	56 43 31.0	— 2	0	6.24	6.8	15 33.04	56 46 25.8	z Pavonis
		19 5.98	56 57 46.0	— 3	96					58.7753
23	8.8	21 18.27	57 52 30.9	— 3	93	6.42	3.4	21 3.20	57 55 28.6	58.7756
24	9.0	23 26.88	57 52 6.1	2	97	6.43	3.1	23 11.80	57 55 3.5	57.9707
25	9.0	26 7.79	57 13 41.8	— 2	0	6.36	2.6	25 52.78	57 16 38.6	59.7622
26	8.6	28 47.81	59 19 14.5	— 1	1	6.65	2.6	28 32.52	59 22 13.5	z Indi
		31 45.44	47 32 42.4	— 3	95					59.7628
27	8.8		59 35 42.6	0	4		2.0		59 38 42.2	57.9744
28	8.9	35 47.47	57 3 32.6	— 2	10	6.38	1.2	35 32.43	57 6 29.1	β Pavonis
			66 27 37.8	— 3	0					58.7776
29	9.0	40 28.14	58 33 38.3	— 2	97	6.70	0.9	40 12.87	58 36 38.8	58.7780
30	9.0	42 43.17	58 26 36.9	1	3	6.59	0.5	42 27.91	58 29 36.7	57.9758
31	8.6	44 55.94	57 43 58.7	— 2	5	6.50	0.1	44 40.77	57 46 57.8	β Indi
			58 43 45.1	— 2	3					59.7653
32	9.0	50 37.45	59 19 43.4	— 1	0	6.74	— 0.4	50 22.05	59 22 45.6	59.7660
33	8.5		59 8 28.1	— 2	98		0.8		59 11 30.8	58.7800
34	8.8	54 50.06	58 31 23.4	1	3	6.64	1.1	54 34.75	58 34 24.9	58.7802
35	8.8	56 49.40	58 47 6.2	2	96	6.68	1.4	56 34.05	58 50 9.3	57.9795
36	8.5	21 1 42.23	56 55 51.2	0	1	6.45	2.4	21 1 27.11	56 58 52.4	59.7677
37		4 1.26	59 42 19.0	2	3	6.83	2.2	3 45.76	59 45 23.1	58.7816
38	8.6	5 46.84	57 55 27.1	0	3	6.58	2.8	5 31.58	57 58 29.5	[Indi 23 G]
		9 52.52	53 34 16.9	— 1	30					57.9822
39	8.7	12 24.72	57 1 28.7	1	95	6.48	3.9	12 9.56	57 4 32.4	58.7831
40		14 29.50	58 9 39.8	— 1	96	6.63	4.0	14 14.19	58 12 44.8	

ZONA 70 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
41		21 ^h 16 ^m 44 ^s .07	58° 5' 27.0 65 42 7.8	0 2	18 3	-6.62	-4.3	21 ^h 16 ^m 28 ^s .77	58° 8' 42.0	58° 7835 7 Pavonis
42		21 35.26	59 41 6.2	1	30	6.85	4.7	21 19.72	59 44 8.8	59.7698
43	9.0	23 34.25	57 40 33.0	0	84	6.58	5.3	23 18.97	57 43 40.5	57.9865
44	8.0	25 48.89	59 4 34.6	-1	95	6.77	5.4	25 33.43	59 7 42.3	59.7705
45	8.3	27 39.97	57 24 38.9	-1	4	6.54	6.0	27 24.74	57 27 43.8	57.9888
46	8.5	29 49.55	57 29 17.1	-1	95	6.55	6.2	29 34.31	57 32 23.6	57.9903
47	9.0	33 1.04	57 3 32.6	-2	95	6.50	6.8	32 45.85	57 6 39.2	57.9919
48	8.3	35 7.88	58 4 35.9	-1	16	6.63	6.9	34 52.56	58 7 40.8	58.7877
49	8.5	37 27.54	58 7 14.0	2	95	6.64	7.2	37 12.20	58 10 22.3	58.7885
50	9.0	39 35.42	57 32 0.4	2	94	6.56	7.6	39 20.15	57 35 8.5	57.9945
51	8.7	41 24.05	59 12 37.1	-3	4	6.78	7.6	41 8.57	59 15 45.8	59.7732
52	8.8	43 19.96	58 17 21.9	2	7	6.65	8.0	43 4.61	58 20 29.4	58.7899
53	8.1	47 1.92	57 41 9.6	1	94	6.57	8.6	46 46.64	57 44 18.8	57.9976
54	8.9	49 9.22	57 26 50.7	1	0	6.54	8.7	48 53.98	57 29 59.2	57.9985
		52 19.40	55 21 0.7	1	4					[5 Indi]
55	8.0	55 15.77	56 49 53.2	-1	0	6.45	9.9	55 0.60	56 53 1.9	57.10008
56	8.6	57 57.02	58 36 51.6	1	96	6.68	9.9	57 41.63	58 40 3.1	58.7920
57	8.2	59 52.32	59 19 23.9	-1	95	6.77	10.1	59 36.85	59 22 36.6	59.7756
58		22 6 4.09	59 12 3.5	2	98	6.74	11.0	22 5 48.64	59 15 16.4	59.7773
59	8.8	8 44.82	58 23 28.1	-2	2	6.62	11.5	8 29.49	58 26 40.1	58.7932
60	8.6		59 36 39.6	1	40		11.5		59 39 47.5	59.7783
		12 52.72	60 38 4.9	-2	5					2 Tucanae
61		15 8.33	57 53 16.7	-2	93	6.53	12.4	14 53.08	57 56 30.3	58.7942
62	8.4	16 50.87	58 22 43.9	-3	98	6.59	12.6	16 35.56	58 25 57.5	58.7947
63	8.8	19 0.40	58 39 39.6	-1	94	6.62	12.8	18 45.06	58 42 54.3	58.7953
64	8.8	23 52.89	57 15 20.7	0	98	6.42	13.7	23 37.74	57 18 34.2	57.10094
65	7.8	28 16.71	58 36 10.4	1	92	6.58	14.1	28 1.40	58 39 26.7	58.7969
66		30 34.41	58 16 27.1	1	97	6.52	14.4	30 19.16	58 19 42.6	58.7971
67	8.6	32 13.19	59 9 24.0	-1	4	6.63	14.5	31 57.83	59 12 39.6	59.7815
68		35 14.82	58 14 5.9	-1	15	6.50	15.1	34 59.59	58 17 19.4	58.7981
		37 46.46	47 17 3.3	2	20					3 Gruis
69	8.4	39 51.63	57 29 18.2	-1	5	6.38	15.8	39 36.52	57 32 32.0	57.10135
70	8.7	41 30.65	56 59 48.9	-1	3	6.32	16.0	41 15.59	57 3 3.5	57.10139
		43 36.40	51 42 57.0	-3	82					2 Gruis
71	7.8	46 3.49	56 52 46.9	-3	93	6.28	16.6	45 48.47	56 56 3.5	57.10153
72		48 13.65	58 15 30.1	0	48	6.43	16.7	47 58.48	58 18 40.5	58.8009
73	7.8	52 4.79	57 48 15.9	-2	95	6.35	17.3	51 49.70	57 51 48.7	58.8021
74		53 51.91	57 10 44.3	0	97	6.27	17.6	53 36.90	57 14 1.6	57.10170
		23 12 40.09	53 9 42.8	-1	95					[2 Gruis]
			58 39 5.9	-1	0					7 Tucanae

ZONA 71 A

Septiembre 20 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.6	19 ^b 59 ^a 49 ^a 51	66° 24' 50.2	— 1	5					δ Pavonis
2		20 2 15.56	58 16 16.0	1	10	-6.07	+ 7.7	20 ^b 2 ^a 45 ^a 16	58 15 28.4	58° 77' 18
3	8.5	3 30.12	57 47 26.0	2	95	6.02	7.4	4 8.76	57 46 35.8	57.9622
4	8.5	5 34.62	57 7 1.1	2	0	5.96	7.0	6 4.31	57 6 11.2	57.9627
5	8.8	7 43.91	57 6 37.1	1	1	5.98	6.8	8 13.58	57 5 47.6	57.9636
6	8.6	9 25.46	58 55 53.3	0	0	6.20	7.0	9 54.92	58 55 5.5	59.7601
7	9.0	13 16.28	58 53 37.3	— 2	0	6.23	6.5	13 45.71	58 52 49.9	58.7742
		15 55.95	57 23 49.8	— 2	2	6.07	5.8	16 25.52	57 23 1.6	57.9665
		18 21.55	57 1 29.6	1	4					ζ Pavonis
8	8.9	22 7.28	58 15 13.1	0	3	6.21	5.2	22 36.73	58 14 26.7	58.7755
9	8.4	25 43.59	58 56 43.3	1	1	6.32	5.0	26 12.92	58 55 57.8	59.7619
10	8.7	28 3.27	59 22 57.9	— 3	4	6.39	4.8	28 32.55	59 22 13.4	59.7622
11	8.7	29 33.11	57 3 23.5	— 2	0	6.12	4.0	30 2.62	57 2 36.4	57.9720
12	8.8	31 37.22	58 9 32.7	— 1	95	6.26	4.0	32 6.61	58 8 46.3	58.7768
13	8.7	34 34.46	59 19 32.7	— 1	97	6.43	3.9	35 3.70	59 18 48.0	59.7632
		36 45.08	66 31 22.0	1	5					π Pavonis
14	9.0	39 37.64	58 27 10.2	2	2	6.34	3.1	40 6.94	58 26 26.1	58.7775
15	8.5	43 43.16	57 40 48.9	0	0	6.27	2.3	44 12.51	57 40 4.3	57.9756
		47 36.58	58 47 29.2	2	2					ρ Indi
16	8.7	51 22.14	58 58 43.1	— 2	7	6.47	1.6	51 51.31	58 58 0.7	59.7659
17	8.6	53 48.86	59 4 49.5	— 1	99	6.50	1.3	54 18.02	59 4 7.4	59.7662
18	8.9	57 7.84	58 57 21.4	2	96	6.50	0.9	57 36.98	58 56 39.2	59.7666
19	8.5	59 1.01	57 56 48.0	1	8	6.37	0.4	59 30.27	57 56 6.9	58.7806
20	8.5	21 2 16.29	58 13 30.0	— 2	3	6.42	0.0	21 2 45.50	58 12 48.8	58.7812
21	9.0	5 42.97	58 0 7.8	0	2	6.41	— 0.5	6 11.29	57 59 26.7	58.7818
22	8.2	7 52.41	59 40 42.3	0	99	6.64	0.4	8 21.42	59 40 2.7	59.7682
23	8.7	10 35.77	57 55 15.0	0	6	6.41	1.2	11 4.98	57 54 35.1	58.7828
24	9.0	14 12.93	58 10 8.8	0	5	6.46	1.6	14 42.09	58 9 29.5	58.7832
25		15 59.63	58 8 43.5	— 2	3	6.46	1.8	16 28.79	58 8 4.0	58.7835
		18 52.76	65 45 51.7	0	8					γ Pavonis
26			59 44 46.8	— 1	96		2.1		59 44 8.6	59.7698
27		24 22.69	57 20 39.7	0	2	6.38	3.1	24 51.91	57 20 0.4	57.9876
		30 43.56	65 13 5.0	— 2	6					(422)
28		33 30.49	57 37 47.4	— 3	91	6.43	4.3	33 59.65	57 37 8.0	57.9924
29		35 38.86	58 0 54.2	0	3	6.49	4.5	36 7.98	58 0 17.3	58.7880
30		37 25.27	57 41 8.6	1	0	6.44	4.8	37 54.43	57 40 31.1	57.9941
31	8.9	41 20.59	58 26 48.4	1	5	6.55	5.2	41 49.65	58 26 12.9	58.7897
		43 4.73	70 2 11.3	2	97					[o Indi]
32	8.2	46 17.58	57 44 54.8	— 1	5	6.46	6.0	46 46.71	57 44 19.3	57.9976
33	8.5	49 44.38	59 46 3.8	1	5	6.73	6.0	50 13.27	59 45 30.8	59.7742
		51 34.97	55 24 46.0	— 1	96					[z Indi]
34		56 18.59	57 9 1.2	— 1	0	6.39	7.4	56 47.78	57 8 25.7	57.10015
35		59 29.35	56 53 55.8	— 2	2	6.36	7.9	22 0 8.56	56 53 20.8	57.10027
36	8.8	22 2 19.19	47 23 23.9	— 2	3					α Gruis
37	8.8	5 19.78	59 15 48.4	0	4	6.66	8.2	5 48.73	59 15 16.9	59.7773
38	8.6	8 0.48	58 27 12.9	2	0	6.55	8.7	8 29.52	58 26 40.4	58.7932
		9 53.06	59 40 18.3	0	2	6.71	8.7	10 21.96	59 39 47.4	59.7783
		12 8.38	60 41 49.1	1	2					α Tucanae
39	7.5	14 23.97	57 57 1.8	2	5	6.48	9.7	14 53.08	57 56 30.3	58.7942
40		16 6.55	58 26 29.3	1	0	6.54	9.8	16 35.60	58 25 57.7	58.7947
41	8.8	18 16.24	58 43 23.9	— 2	12	6.57	10.0	18 45.25	58 42 54.6	58.7953
42	8.8	23 8.71	57 19 5.0	— 1	6	6.39	10.9	23 37.88	57 18 34.0	57.10094

ZONA 71 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
43		22 ^b 27 ^m 32.47	58° 39' 55.8	— 1	3	—6.54	—11.3	22 ^b 28 ^m 1.51	58° 39' 26.4	58° 7969
44		31 30.01	59 13 8.2	— 2	0	6.61	11.7	31 58.99	59 12 39.4	59.7815
45		34 30.57	58 17 46.4	— 3	15	6.48	12.2	34 59.66	58 17 19.2	58.7981
46	8.3	37 2.29	47 20 44.1	0	0					β Gruis
47	8.7	39 7.45	57 33 2.2	— 2	5	6.38	13.0	39 36.62	57 32 33.4	57.10135
		40 46.41	57 3 33.0	— 2	4	6.31	13.3	41 15.65	57 3 3.8	57.10139
		42 52.22	51 46 43.7	1	7					ε Gruis
48		45 19.18	56 56 32.4	1	1	6.29	13.8	45 48.44	56 56 3.3	57.10153
49		47 29.36	58 19 7.0	— 1	5	6.44	13.9	47 58.48	58 18 40.1	58.8009
50		51 20.41	57 52 1.3	2	4	6.37	14.5	51 49.59	57 51 34.3	58.8021
51		53 7.81	57 14 30.4	— 1	99	6.29	14.8	53 37.06	57 14 2.2	57.10170
		55 18.92	53 13 28.0	— 2	2					[ε Gruis]
52		57 38.30	57 18 54.3	— 2	98	6.28	15.3	58 7.56	57 18 26.6	57.10182
53		59 45.91	59 22 14.4	2	0	6.52	15.3	23 0 14.97	59 21 49.5	59.7857
54	23	2 10.53	58 46 48.2	1	4	6.43	15.7	2 30.66	58 46 23.5	58.8043
55		4 27.28	58 30 58.6	0	90	6.39	16.0	4 56.44	58 30 31.9	58.8048
56		7 2.91	57 32 20.0	2	95	6.26	16.5	7 32.18	57 31 53.4	57.10219
57		8 57.76	57 42 44.0	— 3	0	6.27	16.7	9 27.02	57 42 18.3	57.10228
		11 55.88	58 42 51.5	— 3	0					γ Tucanae

ZONA 72 A

Septiembre 28 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		20 ^b 4 ^m 45.94	57° 47' 25.8	2	0	—5.80	+ 8.4	20 ^b 4 ^m 8.72	57° 46' 35.6	57° 9622
2		6 47.09	57 44 51.3	— 1	2	5.81	8.2	6 9.85	57 44 1.5	57.9628
3	9.0	9 47.88	56 57 37.6	— 3	95	5.76	7.6	9 10.68	56 56 46.4	57.9640
4		14 13.66	59 0 45.3	0	96	6.02	7.6	13 36.24	58 59 56.7	59.7604
5		16 31.42	59 47 5.4	2	0	6.13	7.6	15 53.91	59 46 18.5	59.7609
6		19 28.14	57 1 30.8	1	0	5.84	6.5	18 50.85	57 0 41.6	57.9674
7	8.8	20 38.66	59 31 39.3	1	96	6.13	7.0	20 1.15	59 30 52.0	59.7615
8		24 2.55	57 59 5.2	— 1	5	5.98	6.2	23 25.14	57 58 17.8	58.7757
9		26 30.01	57 17 44.9	2	6	5.92	5.7	25 52.64	57 16 37.8	57.9707
10	8.5	28 46.41	58 7 21.1	2	5	6.03	5.7	28 8.95	58 6 34.8	58.7761
		32 8.06	47 36 26.7	1	3					z Indi
		34 24.50	59 39 27.5	— 1	2	6.25	5.4	33 46.86	59 38 42.8	59.7628
11		37 51.70	66 31 24.5	1	99					β Pavonis
12	8.2	41 6.41	58 13 37.7	— 2	4	6.12	4.2	40 28.86	58 12 52.7	58.7777
13	9.0	43 5.59	58 30 22.6	0	96	6.17	4.0	42 27.99	58 29 37.1	58.7780
14	8.5	45 18.39	57 47 43.8	— 3	95	6.10	3.6	44 40.86	57 46 57.6	57.9758
		48 43.40	58 47 30.1	— 3	99					β Indi
15	8.6	52 9.17	58 50 45.8	0	4	6.26	3.0	51 31.48	58 50 2.9	58.7797
16	8.7	55 12.35	58 35 9.9	0	96	6.25	2.7	54 34.67	58 34 25.7	58.7800
17	8.8	57 11.92	58 50 51.2	0	5	6.29	2.4	56 34.20	58 50 9.1	58.7802
18		59 53.75	58 5 27.6	0	0	6.21	1.8	59 16.09	58 4 44.3	58.7805
19	8.5	21 1 25.25	58 7 47.2	— 3	99	6.23	1.6	21 0 47.57	58 7 3.9	58.7809

ZONA 72 A (Continuación)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
20		21 ^b 4 ^m 23 ^s 57	59°46'4"4	1	99	-6.45	+ 1.7	21 ^b 3 ^m 45 ^s 71	59°45'23".2	59.7677
21	8.8	6 48.92	58 0 9.1	0	2	6.24	0.9	6 11.23	57 59 26.9	58.7818
22		9 52.14	57 59 56.6	- 1	5	6.25	0.5	9 14.44	57 59 15.3	58.7825
23	8.8	11 10.19	58 57 3.7	2	6	6.37	0.6	10 32.38	58 56 23.7	59.7688
24	8.4	14 32.18	59 35 52.9	0	4	6.47	0.3	13 54.29	59 35 13.6	59.7691
		19 59.48	65 45 54.0	0	96					7 Pavonis
25	8.5	25 23.22	59 47 41.8	- 3	98	6.54	- 1.0	24 45.26	59 47 3.1	59.7704
26	8.5	26 35.70	57 41 38.6	1	95	6.28	1.7	25 57.95	57 40 57.7	57.9881
27		28 50.65	59 33 32.8	- 2	3	6.52	1.5	28 12.70	59 32 55.1	59.7713
		31 50.48	65 13 7.8	- 2	97					(422)
28	8.9	34 54.48	57 6 43.5	1	0	6.23	2.9	34 16.76	57 6 3.8	57.9926
29	8.7	37 23.22	58 36 19.6	0	1	6.42	2.8	36 45.34	58 34 41.8	58.7884
30	8.8	40 17.33	59 32 51.6	- 3	7	6.55	3.0	39 39.35	59 32 15.9	59.7727
			70 2 12.3	2	1					[o Indi]
31	8.8	46 45.65	56 48 54.8	- 2	5	6.23	4.5	46 7.92	56 48 17.0	56.9759
32	8.7	49 35.81	58 25 56.1	0	3	6.42	4.5	48 57.92	58 25 20.0	58.7909
		52 41.96	55 24 46.4	- 1	3					[o Indi]
33		57 8.02	58 43 0.9	- 2	96	6.47	5.4	56 30.08	58 42 25.2	58.7919
34		58 40.08	59 40 2.1	0	4	6.60	5.4	58 2.04	59 39 28.5	59.7754
35	8.6	22 0 39.56	59 15 16.1	0	0	6.54	5.7	22 0 1.56	59 14 41.8	59.7759
		3 26.12	47 23 25.3	- 2	4					z Gruis
36	8.8	9 7.35	58 27 14.1	2	0	6.45	7.0	8 29.42	58 26 40.1	58.7932
37	8.6	10 59.97	59 40 19.6	0	5	6.60	6.9	10 21.92	59 39 47.7	59.7783
		13 15.24	60 41 51.5	1	0					z Tucanae
38		15 30.88	57 57 3.5	2	3	6.38	7.9	14 53.00	57 56 30.3	58.7942
39	8.8	17 13.59	58 26 29.7	1	5	6.44	8.0	16 35.67	58 25 57.5	58.7947
40		24 15.39	57 19 7.5	- 1	0	6.30	9.1	23 37.57	57 18 34.2	57.10094
41		28 39.48	58 39 58.0	- 1	2	6.46	9.4	28 1.53	58 39 26.9	58.7969
42		30 57.04	58 20 14.5	0	1	6.42	9.8	30 19.12	58 19 43.3	58.7971
43	8.5	32 36.08	59 13 10.4	- 2	1	6.53	9.8	31 58.07	59 12 40.2	59.7815
44		35 37.45	58 17 50.8	- 3	99	6.41	10.4	34 59.54	58 17 19.7	58.7987
		38 9.28	47 20 45.6	0	0					β Gruis
45	8.0	40 14.54	57 33 3.6	- 2	6	6.31	11.1	39 36.70	57 32 33.5	57.10135
46	8.7	41 53.39	57 3 34.8	- 2	95	6.25	11.4	41 15.60	57 3 2.8	57.10139
		43 59.23	51 46 46.5	1	99					ε Gruis
47	8.1	48 36.53	58 19 9.1	- 1	2	6.38	12.0	47 58.64	58 18 40.2	58.8009
48	8.9	50 10.11	58 26 44.8	1	0	6.40	12.1	49 32.20	58 26 16.1	58.8015
49	8.0	52 27.47				6.32		51 49.62		58.8021
50	8.1	54 14.64	57 14 31.3	- 1	2	6.25	12.9	53 36.85	57 14 2.0	57.10170
		56 25.85	53 13 29.8	- 2	97					[z Gruis]
51	8.5	58 45.38	57 18 56.5	- 2	97	6.24	13.4	58 7.60	57 18 27.1	57.10182
52	8.0	23 0 52.96	59 22 16.3	2	0	6.48	13.3	23 0 14.99	59 21 49.9	59.7857
53	8.3	3 17.60	58 46 50.8	1	99	6.39	13.7	2 39.70	58 46 23.9	58.8043
54	8.6	5 34.29	58 30 58.7	0	2	6.35	14.0	4 56.42	58 30 32.2	58.8048
55	8.8	8 10.19	57 32 20.7	2	0	6.23	14.5	7 32.41	57 31 53.3	57.10219
56		10 4.73	57 42 45.0	- 3	2	6.25	14.7	9 26.93	57 42 18.0	57.10228
			58 42 53.3	- 3	98					7 Tucanae
57	8.4	15 12.68	58 36 6.5	1	4	6.33	15.2	14 34.93	58 35 41.5	58.8066
58	8.6	18 22.27	57 38 18.7	- 2	2	6.20	15.7	17 44.52	57 37 52.7	57.10257
59	8.7	20 27.41	57 58 59.6	- 2	7	6.23	15.9	19 49.65	57 58 35.1	58.8070
		22 25.52	53 12 22.9	2	96					[o Gruis]
60	8.2	24 36.90	57 21 35.1	1	0	6.14	16.5	23 59.20	57 21 9.4	57.10279
61	8.3	26 44.73	58 35 36.6	0	0	6.27	16.5	26 6.93	58 35 12.4	58.8076
62	7.8	29 16.95	57 30 42.5	0	96	6.14	17.0	28 39.25	57 30 16.9	57.10292
63	8.6	31 25.80	58 35 33.0	0	1	6.25	17.1	30 48.02	58 35 9.4	58.8084
64	8.0	33 15.09	58 39 6.6	- 1	5	6.24	17.3	32 37.32	58 38 43.9	58.8087
65	8.7	35 19.83	57 28 16.4	- 2	97	6.10	17.7	34 42.17	57 27 51.4	57.10310

ZONA 72 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
66	8.7	23 ^h 36 ^m 58 ^s .71	59°39'51.7	— 1	95	-6.34	-17.6	23 ^h 36 ^m 20 ^s .86	59°39'34.1	59°79'10
67	8.6	38 35.49	57 34 57.3	— 1	91	6.09	18.1	37 57.83	57 34 32.0	57.10329
68	8.4	40 59.68	59 39 29.7	— 1	6	6.31	18.0	40 21.86	59 39 9.1	59.7916 (474)
69	8.3	45 48.95	56 52 33.6	— 3	5	5.98	19.0	45 11.39	56 52 10.4	57.10360
70	8.0	48 33.28	57 7 40.3	— 3	0	5.99	19.2	47 55.72	57 7 16.9	57.10372
71	8.9	50 58.78	58 49 11.5	— 1	4	6.15	19.3	50 21.09	58 48 50.8	59.7935
72		52 51.87	57 37 59.9	— 3	4	6.01	19.6	52 14.28	57 37 38.2	57.10383
		56 5.80	66 3 33.2	— 2	93					= Tucanae
73	8.6	58 18.50	56 59 58.5	— 1	8	5.91	20.3	57 41.00	56 59 37.3	57.10405
74	8.4	0 0 6.88	58 18 49.7	— 2	4	6.03	20.3	59 29.30	58 18 29.5	58.8128

ZONA 73 A

Octubre 4 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		21 ^h 19 ^m 4 ^s .57	65 45 53.8	0	5					γ Pavonis
1	8.6	24 28.28	59 47 40.7	— 3	4	-6.39	+ 0.1	21 ^h 24 ^m 45 ^s .20	59°47' 2.5	59°77'04
2	8.5	27 55.78	59 33 34.0	— 2	0	6.38	— 0.4	28 12.69	59 32 55.5	59.7713 (422)
3	8.8	30 55.61	65 13 8.2	— 2	97	6.11	1.8	34 16.76	57 6 3.5	57.9926
4	8.8	33 59.64	57 6 43.0	1	4	6.28	1.7	36 45.26	58 34 40.7	58.7884
5	8.7	36 28.28	58 35 19.8	0	95	6.42	1.8	39 39.42	59 32 16.5	59.7727
		39 22.55	59 32 52.9	— 3	5					[0 Indi]
		43 16.62	70 2 13.5	2	98					56.9759
6	8.9	45 50.77	56 48 55.6	— 2	4	6.11	3.3	46 7.88	56 48 17.2	58.7909
7	8.6	48 40.99	58 25 55.5	0	7	6.30	3.3	48 57.94	58 25 19.6	[2 Indi]
8	8.5	51 47.21	55 24 46.9	— 1	2	6.35	4.1	56 30.09	58 42 25.0	58.7919
9	8.9	56 13.18	58 43 0.7	— 2	0	6.48	4.1	58 2.07	59 39 28.3	59.7754
10	8.6	57 45.28	59 40 2.2	0	5	6.43	4.5	22 0 1.50	59 14 41.8	59.7759
		59 44.65	59 15 16.8	0	99					z Grus
11	8.8	22 31.35	47 23 26.0	— 2	98	6.25	5.6	5 55.79	57 41 5.0	57.10059
12	8.4	5 38.81	57 41 39.6	1	6	6.25	5.9	8 15.83	57 38 39.1	57.10070
13		7 58.85	57 39 13.6	— 1	6	6.29	6.0	10 21.54	57.59 44.7	58.7936
		10 4.60	58 0 20.0	0	96					z Tucanae
		12 20.45	60 41 51.1	1	6	6.32	7.1	19 14.02	58 13 31.0	58.7954
14		18 57.11	58 14 3.7	— 1	5	6.35	7.3	21 41.86	58 26 19.9	58.7957
15		21 24.98	58 26 52.3	1	3	6.50	7.3	23 19.08	59 40 11.0	59.7802
16		23 2.32	59 40 41.2	0	8	6.31	8.6	31 36.74	58 12 51.8	58.7974
17		31 19.83	58 13 23.8	— 2	99					

ZONA 74 A

Octubre 5 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.8	20 ^b 31 ^m 13 ^s 86	47°36'27.3	1	6					α Indi
			59 39 28.9	— 1	97		+ 6.3		59°38'43.7	59°7628
			66 31 24.9	1	99					β Pavonis
2	8.5	36 57.49	58 13 37.8	— 2	7	—5.93	5.1	20 ^b 40 ^m 29 ^s 01	58 12 53.5	58.7777
3	9.0	40 12.31	58 30 21.6	0	8	5.97	5.0	42 28.04	58 29 37.9	58.7780
4		42 11.38	57 47 43.9	— 3	99	5.91	4.5	44 40.95	57 46 58.5	57.9758
5	8.6	51 14.93	58 50 47.1	0	0	6.07	4.0	51 31.51	58 50 3.8	58.7797
6	8.7	54 18.26	58 35 7.8	0	10	6.06	3.6	54 34.83	58 34 25.9	58.7800
7	8.9	56 17.55	58 50 52.6	0	0	6.10	3.4	56 34.09	58 50 9.8	58.7802
8	8.4	58 59.51	58 5 28.4	0	96	6.03	2.9	59 16.10	58 4 43.6	58.7805
9	8.5	21 0 30.95	58 7 47.9	— 3	5	6.05	2.7	21 0 47.52	58 7 6.1	58.7809
10		3 29.42	59 46 4.5	1	0	6.26	2.8	3 45.81	59 45 23.5	59.7677
11	8.9	5 54.70	58 0 9.6	0	0	6.06	2.0	6 11.26	57 59 27.2	58.7818
12		8 57.96	57 59 57.6	— 1	4	6.08	1.7	9 14.50	57 59 16.1	58.7825
13	8.5	13 37.88	59 35 54.1	0	96	6.29	1.5	13 54.23	59 35 13.6	59.7691
		19 5.41	65 45 53.7	0	5					γ Pavonis
14	8.5	24 28.95	59 47 41.5	— 3	2	6.37	0.2	24 45.24	59 47 3.3	59.7704
15		27 56.25	59 33 32.9	— 2	4	6.35	— 0.3	28 12.54	59 32 55.2	59.7713
			65 13 5.8	— 2	7					(422)
16	9.0	34 0.29	57 6 43.1	1	2	6.08	1.6	34 16.78	57 6 3.6	57.9926
17	8.8	36 29.02	58 35 20.3	0	95	6.26	1.5	36 45.37	58 34 41.5	58.7884
18		39 23.01	59 32 53.0	— 3	99	6.39	1.7	39 39.25	59 32 15.9	59.7727
		43 17.19	70 2 13.4	2	98					[o Indi]
19	8.9	45 51.52	56 48 56.7	— 2	95	6.09	6.1	46 7.99	56 48 17.2	56.9759
20	8.7	48 41.62	58 25 56.2	0	3	6.28	3.1	48 57.93	58 25 19.9	58.7909
		51 47.87	55 24 46.1	— 1	4					[δ Indi]
21		56 13.72	58 43 1.0	— 2	93	6.33	3.9	56 30.00	58 42 24.4	58.7919
22	8.8	57 45.97	59 40 1.4	0	7	6.45	3.9	58 2.13	59 39 28.0	59.7754
23	8.5	59 45.46	59 15 18.0	0	95	6.41	4.3	22 0 1.66	59 14 42.7	59.7759
		22 2 31.95	47 23 24.9	— 2	5					α Gruis
24	8.7	5 39.31	57 41 40.3	1	7	6.23	5.4	5 55.65	57 41 5.9	57.10059
25	8.5	7 59.39	57 39 14.5	— 1	99	6.23	5.6	8 15.73	57 38 39.2	57.10070
26	7.8	10 5.49	58 0 19.8	0	93	6.27	5.8	10 21.80	57 59 44.3	58.7936
		12 21.11	60 41 51.4	1	1					α Tucanae
27		14 53.90	57 59 32.0	— 1	7	6.27	6.4	15 10.21	57 58 59.1	58.7943
28		18 57.82	58 14 4.2	— 1	1	6.30	6.9	19 14.09	58 13 31.1	58.7954
29		21 25.60	58 26 52.8	1	0	6.33	7.1	21 41.84	58 26 20.1	58.7957
30		23 2.90	59 40 42.7	0	1	6.48	7.0	23 19.02	59 40 11.6	59.7802
31		27 17.08	58 18 48.3	— 2	98	6.31	7.9	27 33.34	58 18 15.8	58.7968
32		28 38.84	57 49 53.3	— 1	93	6.26	8.1	28 55.14	57 49 19.9	58.7970
33		31 20.57	58 13 22.8	— 2	5	6.30	8.4	31 36.83	58 12 51.7	58.7974
34		33 19.84	59 15 50.1	0	0	6.43	8.4	33 36.00	59 15 19.7	59.7821
35	8.5	35 6.34	57 33 37.1	— 2	96	6.22	9.0	35 22.66	57 33 4.6	57.10118
		37 15.09	47 20 45.7	0	0					β Gruis
36		39 9.93	57 17 16.5	2	88	6.19	9.5	39 26.28	57 16 43.1	57.10134
37	9.0	40 50.27	56 59 38.9	— 1	6	6.16	9.8	41 6.64	56 59 7.9	57.10138
		43 5.23	51 46 47.4	1	1					γ Gruis
38		45 36.09	58 26 13.6	1	5	6.32	10.1	45 52.33	58 25 44.6	58.8007
39		51 50.98	57 20 36.7	0	4	6.18	11.0	52 7.33	57 20 7.2	57.10166
		55 31.80	53 13 30.0	— 2	0					[ε Gruis]
40		58 6.25	56 58 14.3	— 2	0	6.13	11.9	58 22.63	56 57 44.5	57.10183
41		23 0 55.56	57 52 48.9	— 3	3	6.22	12.0	23 1 11.87	57 52 20.8	58.8038

ZONA 74 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
42		23 ^h 6 ^m 22.76	57° 15' 55.3	0	87	-6.14	-12.8	23 ^h 6 ^m 39.13	57° 15' 25.0	57.10214
43		8 6.59	57 36 35.6	1	96	6.18	12.9	8 22.94	57 36 7.1	57.10225
44		10 6.10	57 10 5.0	0	99	6.12	13.2	10 22.49	57 9 36.7	57.10234
		12 8.84	58 42 53.1	-3	0					7 Tucanae
45		14 40.52	57 26 33.4	1	6	6.14	13.7	14 56.90	57 26 7.0	57.10246
46		17 42.21	58 6 14.3	1	96	6.20	13.9	17 58.55	58 5 47.4	58.8068
47		20 9.03	57 19 42.7	-1	1	6.11	14.3	20 25.44	57 19 16.1	57.10268
		23 46.86	63 35 22.1	0	5					(466)
48		26 12.57	56 55 14.0	0	5	6.05	15.1	26 29.03	56 54 48.2	57.10287
49		28 34.63	57 17 6.7	2	8	6.07	15.3	28 51.07	57 16 42.1	57.10294
50		30 17.15	57 58 38.0	-2	97	6.14	15.4	30 33.54	57 58 12.5	58.8080
51	8.0	33 13.23	56 56 4.8	1	1	6.02	15.9	33 29.71	56 55 39.2	57.10305
52		35 2.02	57 13 33.4	-2	5	6.04	16.1	35 18.49	57 13 8.9	57.10315
53		37 13.64	56 51 51.1	1	1	6.00	16.3	37 30.13	56 51 25.9	57.10327
54		39 4.81	57 30 51.7	0	6	6.05	16.5	39 21.27	57 30 28.1	57.10335
			50 42 44.2	-3	5					(474)
55		44 54.95	56 52 33.2	-3	6	5.96	17.2	45 11.48	56 52 9.5	57.10360
56		47 12.79	59 41 5.2	1	6	6.25	17.0	47 29.09	59 40 44.9	59.7927
57		51 55.79	58 8 28.7	-2	99	6.05	17.7	52 12.26	58 8 6.1	58.8115
		55 11.52	66 3 31.7	-2	5					2 Tucanae
58		57 48.45	57 22 57.6	-3	11	5.94	18.5	58 5.00	57 22 36.6	57.10407

ZONA 75 A

Octubre 6 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		20 ^h 18 ^m 34.71	57° 1' 31.2	1	8	-5.61	+7.4	20 ^h 18 ^m 51.01	57° 0' 43.0	57.9674
2	9.0	19 45.12	59 31 36.5	1	25	5.89	7.9	20 1.20	59 30 53.2	59.7615
3	9.0	23 9.03	57 59 5.5	-1	7	5.74	7.1	23 25.23	57 58 18.5	58.7757
4	9.0	25 36.58	57 17 26.8	2	4	5.69	6.7	25 52.80	57 16 39.0	57.9707
5	8.5	27 52.94	58 7 23.1	2	97	5.80	6.6	28 9.07	57 6 35.4	58.7761
		31 14.48	47 36 27.4	1	5					2 Indi
6	8.7	33 31.06	59 39 28.0	-1	4	6.01	6.4	33 47.01	59 38 43.3	59.7628
		36 58.04	66 31 24.7	1	1					3 Pavonis
7	8.5	40 12.88	58 13 39.5	-2	4	5.90	5.3	40 28.90	58 12 54.2	58.7777
8	9.0	42 11.99	58 30 24.1	0	94	5.94	5.1	42 27.98	58 29 37.9	58.7780
9	8.5	44 24.73	57 47 44.0	-3	4	5.88	4.7	44 40.77	57 46 57.7	57.9758
		47 49.82	58 47 30.5	-3	5					3 Indi
10		51 15.59	58 50 47.6	0	5	6.04	4.1	51 31.49	58 50 4.9	58.7797
11	8.9	54 18.87	58 35 9.4	0	3	6.03	3.7	54 34.76	58 34 25.9	58.7800
12	8.9	56 18.28	58 50 53.1	0	2	6.07	3.5	56 34.14	58 50 10.0	58.7802
13	8.5	59 0.22	58 5 27.9	0	5	6.00	3.0	59 16.13	58 4 44.9	58.7805
14	8.5	21 0 31.85	58 7 48.3	-3	3	6.02	2.9	21 0 47.74	58 7 5.1	58.7809
15	7.5	3 30.08	59 46 5.5	1	99	6.23	2.9	3 45.79	59 45 23.7	59.7677

ZONA 75 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microin.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
16		21 ^h 5 ^m 55 ^s .45	58° 0' 10.5	0	0	-6.03	+ 2.2	21 ^h 6 ^m 11 ^s .33	57° 59' 27.5	58° 7818
17		8 58.67	57 59 57.9	- 1	4	6.05	1.8	9 14.52	57 59 15.8	58.7825
18	8.8	10 16.72	58 57 6.4	5	96	6.17	1.9	10 32.47	58 56 24.2	59.7688
19	8.5	13 38.50	59 35 54.8	0	0	6.26	1.7	13 54.17	59 35 14.2	59.7691
20	8.4	19 5.91	65 45 54.9	0	7					γ Pavonis
21		24 29.58	59 47 42.1	- 3	4	6.34	0.4	24 45.16	59 47 3.5	59.7704
22		27 57.05	59 33 35.6	- 2	97	6.33	- 0.1	28 12.64	59 32 56.2	59.7713
23	9 0	30 56.72	65 13 6.7	- 2	7					(422)
24		34 0.94	57 6 44.5	1	0	6.06	1.4	34 16.75	57 6 4.1	57.9926
25		36 29.55	58 35 20.1	0	99	6.24	1.4	36 45.21	58 34 41.2	58.7884
26		43 17.84	70 7 14.4	2	95					[o Indi]
27		45 52.04	56 48 56.8	- 2	97	6.07	3.0	46 7.88	56 48 17.1	56.9759
28		51 48.51	55 24 46.4	- 1	4					[p Indi]
29		56 14.32	58 43 1.2	- 2	99	6.31	3.8	56 29.90	58 42 24.7	58.7919
30		57 46.44	59 40 2.7	0	5	6.43	3.7	58 1.91	59 39 28.4	59.7754
31		59 46.03	59 15 16.2	0	3	6.38	4.1	22 0 1.55	59 14 41.3	59.7759
32		2 32.79	47 23 25.8	- 2	4					α Gruis
33		4 50.94	57 0 0.5	0	98	6.13	5.2	5 6.65	56 59 23.4	57.10054
34		6 48.63	56 39 9.8	- 1	2	6.09	5.5	7 4.38	56 38 33.1	56.9834
35		8 29.28	59 43 40.3	- 2	95	6.46	5.0	8 44.72	59 43 5.8	59.7780
36		12 21.82	60 41 51.4	1	4					α Tucanae
37		14 43.91	59 20 50.8	0	2	6.42	5.9	14 59.38	59 20 17.7	59.7792
38		16 58.74	59 31 4.1	1	98	6.44	6.1	17 14.19	59 30 30.9	59.7795
39		18 58.54	58 14 4.5	- 1	1	6.28	6.6	19 14.12	58 13 30.7	58.7954
40		21 46.83	58 27 36.7	- 3	7	6.31	6.8	22 2.38	58 27 4.2	58.7958
41		26 56.61	62 25 55.3	0	4					(443)
42		30 3.59	58 20 15.4	0	2	6.30	8.0	30 19.14	58 19 43.2	58.7971
43		32 11.96	58 32 45.0	- 3	95	6.33	8.2	32 27.49	58 32 12.2	58.7978
44		35 33.25	57 29 11.4	- 1	98	6.20	8.8	35 48.88	57 28 38.4	57.10120
45	8.8	37 39.89	58 6 20.8	1	5	6.27	8.9	37 55.47	58 5 49.7	58.7988
46		40 28.36	58 25 45.6	0	90	6.30	9.2	40 43.91	58 25 13.0	58.7997
47		42 7.56	57 35 15.3	0	4	6.21	9.6	42 23.18	57 34 44.1	57.10142
48		45 15.58	58 10 44.0	0	96	6.27	9.8	45 31.15	58 10 12.3	58.8006
49		48 27.61	70 32 15.3	2	5					p Indi
50	8.9	50 38.58	59 36 35.1	1	3	6.44	10.2	50 54.01	59 36 6.8	59.7841
51		53 21.13	57 14 32.3	- 1	7	6.16	11.0	53 36.78	57 14 2.5	57.10170
52		55 32.41	53 13 29.7	- 2	6					[z Gruis]
53		57 2.26	57 51 35.5	1	0	6.22	11.3	57 17.87	57 51 5.8	58.8034
54		59 36.27	58 38 31.5	- 2	98	6.30	11.4	59 51.81	58 38 2.5	58.8037
55	23	1 35.43	57 48 3.8	- 2	98	6.20	11.9	23 1 51.06	57 47 34.1	58.8040
56		3 56.93	59 28 55.1	- 2	2	6.39	11.8	4 12.40	59 28 28.1	59.7865
57		6 23.33	57 15 56.3	0	85	6.13	12.5	6 39.01	57 15 24.9	57.10214
58		8 7.24	57 36 38.1	1	90	6.17	12.7	8 22.89	57 36 8.0	57.10225
59		9 50.69	57 12 29.4	2	99	6.12	12.9	10 6.37	57 12 0.4	57.10232
60		12 9.45	58 42 53.7	- 3	1					γ Tucanae
61		14 41.26	57 26 35.8	1	2	6.13	13.4	14 56.93	57 26 8.0	57.10246
62		18 11.10	56 59 21.4	- 1	2	6.07	13.9	18 26.82	56 58 53.5	57.10259
63		21 32.06	53 12 23.5	2	0					[o Gruis]
64		23 6.20	56 54 59.1	- 1	99	6.05	14.5	23 21.93	56 54 31.3	57.10277
65		26 13.01	58 41 28.5	1	5	6.23	14.5	26 28.60	58 41 3.8	58.8077
66		28 23.57	57 30 42.8	0	2	6.09	15.0	28 39.27	57 30 16.6	57.10297
67		30 44.12	57 59 7.9	- 1	96	6.13	15.2	30 59.80	57 58 41.6	58.8085
68		32 56.77	58 40 26.2	0	3	6.20	15.3	33 12.39	58 40 1.9	58.8089
69		35 0.17	57 47 8.3	2	0	6.09	15.7	35 15.89	57 46 42.9	57.10314
70		37 37.94	57 57 43.2	- 3	98	6.10	15.9	37 53.65	57 57 17.9	58.8093
71		40 40.37	58 45 44.7	0	99	6.17	16.1	40 56.02	58 45 20.7	58.8097
72			50 42 45.8	- 3	1					(474)

ZONA 75 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
61		23 ^h 44 ^m 55 ^s .66	56 52 35.4	— 3	2	-5.96	-16.9	23 ^h 45 ^m 11.47	56°52'10.4	57°10360
62		47 40.43	59 2 5.8	2	6	6.17	16.9	47 56.08	59 1 44.0	59.7930
63		50 5.18	58 49 13.4	— 1	0	6.13	17.2	50 20.87	58 48 50.6	59.7935
64		53 28.13	57 40 57.5	0	97	5.99	17.7	53 43.92	57 40 33.6	57.10386
		55 12.44	66 3 33.9	— 2	97					ε Tucanae
65		58 3.01	57 16 1.8	1	3	5.93	18.3	58 18.85	57 15 38.8	57 10411

ZONA 76 A

Octubre 7 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		20 ^h 31 ^m 15 ^s .38	47 36 27.3	1	7					α Indi
2	8.9	33 31.70	59 39 30.0	— 1	98	-5.98	+ 6.5	20 ^h 33 ^m 46 ^s .86	59°38'43.8	59.7628
3		35 17.26	57 7 17.8	2	0	5.72	5.6	35 32.62	57 6 29.9	57.9744
4		36 58.99	66 31 25.0	1	3					β Pavonis
5	9.0	39 57.61	58 37 26.5	2	98	5.91	5.5	40 12.81	58 36 40.1	58.7756
6	8.6	42 12.77	58 30 23.8	0	1	5.91	5.2	42 27.96	58 29 38.0	58.7780
7		44 25.66	57 47 44.8	— 3	0	5.85	4.8	44 40.89	57 46 58.4	57.9758
8		47 50.63	58 47 31.2	— 3	4					γ Indi
9	9.0	50 6.97	59 23 29.6	— 2	5	6.07	4.6	50 22.03	59 22 46.0	59.7653
10	8.5	52 32.64	59 12 15.6	2	1	6.07	4.2	52 47.68	59 11 31.7	59.7660
11	8.8	54 19.51	58 35 10.2	0	2	6.00	3.8	54 34.61	58 34 26.0	58.7800
12	8.9	56 19.02	58 50 54.2	0	3	6.05	3.7	56 34.07	58 50 10.7	58.7802
13	8.8	59 3.08	57 12 27.9	2	0	5.88	2.8	59 18.26	57 11 42.9	57.9788
14	8.5	21 1 11.99	56 59 38.8	— 1	96	5.87	2.6	21 1 27.18	56 58 53.1	57.9795
15	7.5	3 30.87	59 46 6.2	1	0	6.20	3.1	3 45.79	59 45 23.9	59.7677
16	8.7	5 16.62	57 59 14.0	— 1	5	6.00	2.4	5 31.71	57 58 31.1	58.7816
17		9 22.31	53 37 58.3	— 3	1					[Indi 23 G]
18	8.7	11 54.49	57 5 16.9	0	97	5.94	1.4	12 9.60	57 4 32.7	57.9822
19		13 59.27	58 13 30.4	— 2	0	6.07	1.4	14 14.28	58 12 47.9	58.7831
20	7.8	16 13.84	58 8 46.1	— 2	0	6.08	1.1	16 28.84	58 8 3.8	58.7835
21		19 6.71								γ Pavonis
22		21 4.88	59 44 49.3	— 1	0	6.29	1.0	21 19.69	59 44 9.1	59.7698
23	9.0	23 4.11	57 44 22.3	— 1	3	6.06	0.2	23 19.10	57 43 40.9	57.9865
24	8.3	25 18.72	59 8 22.7	— 2	6	6.24	0.3	25 33.57	59 7 43.3	59.7705
25			57 28 26.0	— 2	4		-0.3		57 27 44.9	57.9888
26		29 19.34	57 33 4.8	— 2	4	6.07	0.6	29 34.32	57 32 24.1	57.9903
27	8.3	34 37.55	58 8 20.1	— 2	12	6.15	1.1	34 52.47	58 7 41.7	58.7877
28	8.5	36 57.35	58 11 2.8	1	5	6.17	1.4	37 12.25	58 10 23.8	58.7885
29	9.0	39 5.31	57 35 50.1	0	2	6.11	1.7	39 20.25	57 35 10.4	57.9945
30		40 53.86	59 16 24.3	1	0	6.31	1.6	41 8.63	59 15 46.1	59.7732
31		42 49.63	58 21 9.8	1	97	6.21	2.0	43 4.48	58 20 30.6	58.7899
32	8.0	46 31.79	57 44 57.6	— 1	1	6.15	2.6	46 46.68	57 44 18.8	57.9976
33	9.0	48 39.01	57 30 38.8	0	0	6.13	2.9	48 53.92	57 29 59.9	57.9985
34		51 49.27	55 24 46.8	— 1	11					[δ Indi]
35		54 45.52	56 53 40.5	— 2	6	6.08	3.8	55 0.45	56 53 2.6	57.10008

ZONA 76 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
30		21 ^b 57 ^m 26 ^s 81	58 40 40.2	0	1	-6.29	- 3.7	21 ^b 57 ^m 41 ^s 58	58°40' 3.6	58°7920
31	8.3	59 22.25	59 23 14.1	- 2	95	6.38	3.8	59 36.95	59 22 37.5	59.7756
		22 2 33.56	47 23 26.0	- 2	5					z Gruis
32		5 40.82	57 41 42.4	1	1	6.19	5.0	22 5 55.66	57 41 5.9	57.10059
33	8.8	9 31.11	57 18 19.8	- 2	95	6.15	5.5	9 45.99	57 17 42.4	57.10072
34	8.3	11 23.27	58 13 22.5	- 2	2	6.26	5.5	11 30.05	58 12 47.3	58.7938
35		13 20.47	59 44 20.5	- 1	98	6.44	5.4	13 35.10	59 43 46.5	59.7791
36	8.8	15 20.34	58 46 31.2	1	5	6.33	5.9	15 35.06	58 45 57.5	58.7945
37	8.5	16 59.72	59 31 4.6	1	5	6.42	5.9	17 14.37	59 30 31.8	59.7795
38		18 59.28	58 14 6.0	- 1	99	6.26	6.4	19 14.06	58 13 31.3	58.7954
39	8.3	22 2.92	57 6 34.4	1	4	6.14	7.1	22 17.78	57 5 59.8	57.10092
		26 57.45	62 25 56.3	0	3					(443)
40		30 12.91	58 0 45.1	0	4	6.24	7.9	30 27.70	58 0 12.3	58.7972
41		31 59.56	58 18 34.5	- 2	98	6.28	8.0	32 14.31	58 18 1.3	58.7976
		37 16.64	47 20 46.7	0	5					β Gruis
42	8.4	39 21.27	57 9 20.3	- 1	8	6.15	9.1	39 36.12	57 8 48.4	57.10136
43		40 51.64	56 59 40.8	- 1	0	6.13	9.3	41 6.50	56 59 7.7	57.10138
		43 6.67	51 46 47.5	1	3					ε Gruis
44		44 56.67	56 57 41.9	- 3	96	6.12	9.8	45 11.43	56 57 8.7	57.10150
		48 28.51	70 32 16.5	2	0					ρ Indi
45	8.3	50 54.08	58 14 51.2	- 1	95	6.26	10.3	51 8.83	58 14 19.8	58.8018
46	8.4	53 49.87	58 23 39.7	- 2	7	6.27	10.6	54 4.61	58 23 10.6	58.8026
47	8.3	56 10.69	55 45 30.3	0	4	6.19	11.0	56 25.49	57 45 0.4	57.10177
48		58 27.91	57 52 48.2	- 3	13	6.20	11.2	58 42.70	57 52 18.0	58.8036
49	8.2	23 5 4.51	59 35 19.4	0	7	6.39	11.7	23 5 19.16	59 34 52.8	59.7866
50		7 26.83	58 21 30.7	1	3	6.24	12.2	7 41.60	58 21 2.6	58.8051
51		9 17.15	57 38 56.5	- 2	3	6.16	12.5	9 31.98	57 38 27.8	57.10229
		11 33.47	62 28 36.8	- 2	2					[Tucanae 25G]
52		13 19.36	58 46 50.3	1	0	6.27	12.8	13 34.10	58 46 22.9	58.8064
53		19 34.54	57 59 3.5	- 1	90	6.16	13.7	19 49.38	57 58 34.4	58.8070
		21 32.82	53 12 24.5	2	98					[o Gruis]
54		23 18.97	58 6 42.8	1	0	6.17	14.1	23 33.79	58 6 15.9	58.8074
55		25 16.48	58 54 29.3	- 1	93	6.25	14.1	25 31.23	58 54 2.2	59.7894
56		27 9.13	57 47 19.7	2	4	6.12	14.6	27 23.98	57 46 53.6	57.10288
57		30 2.09	57 18 29.3	- 2	3	6.06	15.0	30 17.00	57 18 2.6	57.10297
58		31 47.33	57 11 12.9	1	5	6.04	15.2	32 2.25	57 10 46.7	57.10301
59		33 20.08	57 19 7.1	- 1	11	6.04	15.3	33 35.01	57 18 42.1	57.10306
60		35 55.53	56 54 13.9	- 1	2	5.99	15.7	36 10.49	56 53 47.4	57.10321
61		37 40.79	58 26 44.0	1	9	6.14	15.6	37 55.84	58 26 20.3	58.8095
62		40 7.11	59 39 33.3	- 1	3	6.27	15.7	40 21.85	59 39 10.2	59.7916
		42 26.86	50 42 46.0	- 3	5					(474)
63		44 56.51	56 52 36.7	- 3	96	5.95	16.7	45 11.40	56 52 10.2	57.10360
64		47 47.38	57 29 38.3	- 1	2	5.90	17.1	48 2.44	57 29 12.7	57.10373
65		50 6.08	58 49 13.7	- 1	97	6.13	16.9	50 20.93	58 48 49.9	59.7935
66		52 20.18	58 37 3.2	2	5	6.09	17.2	52 35.07	58 36 40.7	58.8117
67		55 13.14	66 3 34.4	- 2	2					ε Tucanae
68		57 26.06	57 0 1.2	0	1	5.90	18.0	57 41 10	56 59 37.0	57.10405
		59 1.25	57 38 59.1	- 2	1	5.96	18.0	59 16.24	57 38 35.7	57.10421

ZONA 77 A

Octubre 11 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		21 ^h 18 ^m 37.7 ^s	65° 45' 57.0	0	5					γ Pavonis
1		21 29.59	58 49 40.7	— 1	96	—6.07	+ 1.3	21 ^h 22 ^m 13.48	58° 48' 57.3	58.7848
2	8.5	23 44.03	57 15 37.0	0	95	5.91	0.6	24 28.03	57 14 52.3	57.9870
3	8.6	25 45.18	58 23 51.5	— 2	0	6.04	0.6	26 29.08	58 23 8.8	58.7859
4	8.3	27 28.90	59 33 37.3	— 2	97	6.19	0.7	28 12.69	59 32 55.4	59.7713
5	8.2	29 36.14	56 46 30.8	1	0	5.88	— 0.2	30 20.16	56 45 47.1	56.9686
6	8.9	32 45.03	56 44 1.6	— 1	91	5.89	0.6	33 29.04	56 43 16.9	56.9696
7	8.7	34 50.13	59 14 1.3	— 1	99	6.18	0.2	35 33.92	59 13 20.3	59.7724
8		37 8.98	57 43 45.1	— 2	4	6.02	0.9	37 52.89	57 43 3.7	57.9940
9	8.8	39 19.96	57 17 14.1	2	6	5.98	1.2	40 3.89	57 16 32.9	57.9949
10	8.8	41 19.89	59 46 1.0	1	96	6.27	0.8	42 3.60	59 45 20.8	59.7734
11	8.0	43 32.43	58 42 53.9	— 3	6	6.15	1.4	44 16.23	58 42 14.4	58.7901
12		45 23.96	56 48 59.3	— 2	98	5.95	2.1	46 7.90	56 48 17.2	56.9759
13	8.8	48 14.15	58 26 0.5	1	98	6.13	2.0	48 57.96	58 25 20.2	58.7909
		51 20.36	55 24 50.5	— 1	98					[δ Indi]
14		54 16.50	56 53 43.4	— 2	3	5.98	3.1	55 0.41	56 53 3.2	57.10008
15		58 1.75	56 43 36.5	— 2	5	5.98	3.6	58 45.66	56 42 56.8	56.9803
		22 4.63	47 23 28.1	— 2	5					α Gruis
16	8.9	4 48.52	56 51 4.2	1	10	6.00	4.3	22 5 32.41	56 50 26.2	57.10057
17	8.8	7 45.64	58 27 17.4	2	3	6.19	4.3	8 29.39	58 26 40.2	58.7932
18	7.9	9 37.90	58 0 22.5	0	5	6.14	4.6	10 21.69	57 59 45.3	58.7936
		11 53.54	60 41 55.0	1	3					α Tucanae
19		14 9.38	57 57 7.7	2	5	6.14	5.2	14 53.17	57 56 31.0	58.7942
20		18 30.43	58 14 8.4	— 1	96	6.18	5.6	19 14.17	58 13 31.2	58.7954
21	8.8	22 8.32	58 8 48.6	— 2	4	6.17	6.1	22 52.07	58 8 12.9	58.7959
		26 28.41	62 25 59.0	0	1					(443)
22		29 35.61	58 20 16.5	0	10	6.20	6.9	30 19.33	58 19 42.7	58.7971
23		35 23.60	57 19 44.5	— 1	1	6.09	7.8	36 7.40	57 19 9.2	57.10121
24		40 0.28	58 25 49.2	0	90	6.02	8.1	40 43.99	58 25 13.8	58.7997
25	8.5	41 45.09	57 33 11.1	— 2	96	6.12	8.5	42 28.86	57 32 35.9	57.10143
26		43 24.57	58 10 18.9	0	95	6.19	8.6	44 8.29	58 9 44.4	58.8003
		47 59.18	70 32 19.5	2	98					ε Indi
27		50 25.08	58 14 52.3	— 1	0	6.19	9.4	51 8.80	58 14 19.5	58.8018
28		54 59.18	57 37 16.4	2	2	6.12	10.0	55 42.96	57 36 43.8	57.10174
29		57 52.30	59 23 10.0	— 2	98	6.31	10.0	58 35.94	59 22 38.7	59.7851
30		0 17.06	59 10 0.7	0	98	6.29	10.3	23 1 0.71	59 9 29.6	59.7858
31	23	1 48.24	58 0 58.7	0	98	6.15	10.7	2 32.00	58 0 26.7	58.8041
32		4 35.69	59 35 22.4	0	2	6.33	10.7	5 19.30	59 34 52.7	59.7866
33		6 48.57	57 32 24.1	2	7	6.10	11.4	7 32.36	57 31 53.4	57.10219
34		8 43.14	57 42 48.5	— 3	6	6.11	11.6	9 26.92	57 42 18.0	57.10228
35		10 25.27	56 52 47.6	— 3	92	6.02	11.9	11 9.11	56 52 14.5	57.10236
36		12 48.66	58 46 30.0	1	14	6.22	11.8	13 32.36	58 46 2.2	58.8063
37		17 0.70	57 38 22.5	— 2	0	6.08	12.5	17 44.51	57 37 52.0	57.10257
		21 4.06	53 12 26.4	— 3	1					[o Gruis]
38		26 31.44	59 29 7.6	— 1	11	6.26	13.2	27 15.11	59 28 41.6	59.7897
39		28 38.22	58 55 48.5	0	6	6.19	13.6	29 21.95	58 55 21.5	59.7901
40		31 23.68	57 48 3.2	— 2	99	6.06	14.1	32 7.50	57 47 34.3	58.8086
41		34 33.80	58 51 44.9	1	8	6.16	14.2	35 17.55	58 51 18.8	59.7909
42		36 39.44	59 26 47.3	1	5	6.22	14.3	37 23.15	59 26 21.5	59.7912
43		38 37.35	57 30 58.8	0	89	6.00	14.9	39 21.23	57 30 29.1	57.10335
44		40 32.15	57 5 18.1	0	4	5.96	15.2	41 16.05	57 4 50.3	57.10343
45	8.8	42 38.95	57 40 35.0	0	3	6.01	15.3	43 22.82	57 40 7.8	57.10351

ZONA 77 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
46		23 ^h 45 40.03	59° 43' 44".1	— 2	0	—6".21	—15".3	23 ^h 46 ^m 23".76	59° 43' 18".8	59° 79' 26
47		48 3.51	57 35 36.0	0	5	5.98	15.9	48 47.41	57 35 9.6	57.10375
48		49 37.35	58 49 17.6	— 1	94	6.09	15.8	50 21.17	58 48 50.9	59.7935
49		52 14.09	59 27 1.7	2	99	6.15	16.0	52 57.87	59 26 36.6	59.7945
		54 44.20	66 3 37.2	— 2	4					z Tucanae
50		57 45.19	59 16 2.6	1	95	6.10	16.6	58 28.90	59 15 37.4	59.7954

ZONA 78 A

Octubre 25 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	9.0	22 ^h 4 ^m 35".34	57 10 57.9	0	11	—5".74	— 2".3	22 ^h 5 ^m 12".04	57° 10' 19".1	57° 100' 55
2	8.5	7 38.98	57 39 19.0	— 1	2	5.80	2.5	8 15.62	57 38 39.6	57.10070
3	8.8		59 40 24.0	0	4		2.1		59 39 47.1	59 7793
		12 0.68	60 41 55.1	1	3					z Tucanae
4		14 16.30	57 57 9.0	2	3	5.85	3.1	14 52.88	57 56 30.9	58.7942
5	8.5	15 59.02	58 26 35.2	1	4	5.90	3.1	16 35.56	58 25 57.8	58 7947
6	8.7	18 8.60	58 43 32.5	— 2	3	5.94	3.3	18 45.11	58 42 55.4	58.7953
7	8.6	22 7.42	56 57 43.8	— 3	97	5.77	4.2	22 44.07	56 57 4.5	57.10093
			62 26 0.4	1	2					(443)
8	8.5	29 35.75	59 16 27.8	1	8	6.02	4.4	30 12.19	59 15 53.3	59.7811
9	9.0	34 5.15	59 45 53.4	0	12	6.09	4.7	34 41.51	59 45 20.4	59.7822
10	8.5	36 5.41	57 29 58.3	— 1	11	5.85	5.5	36 41.98	57 29 23.2	57.10122
11	8.0	38 38.23	57 55 9.9	0	7	5.90	5.7	39 14.75	57 54 34.9	58.7993
12	9.0	40 25.31	58 8 39.4	— 2	2	5.92	5.8	41 1.82	58 8 4.0	58.7999
		42 44.91	51 46 50.8	1	8					z Gruis
13	8.5	45 25.73	58 1 24.4	1	4	5.92	6.4	46 2.24	58 0 49.8	58.8008
		48 6.59	70 32 19.4	2	4					o Indi
14	8.9	51 30.29	58 3 10.9	— 2	3	5.92	7.0	52 6.80	58 2 36.7	58.8022
15	8.5	54 17.28	57 8 1.1	— 2	94	5.83	7.6	54 53.87	57 7 25.2	57.10172
16		57 46.11	56 58 19.0	— 2	5	5.82	7.9	58 22.69	56 57 46.5	57.10183
17	9.0	23 0 43.44	57 59 24.2	— 1	98	5.92	5.0	23 1 19.94	57 58 50.3	58.8039
18	8.6	4 19.92	58 31 4.8	1	2	5.97	8.3	4 56.37	58 30 32.4	58.8048
19	8.5		59 8 35.1	— 2	99		8.4		59 8 3.0	59.7871
20	8.4	8 43.79	58 59 54.7	— 1	6	6.02	8.6	9 20.20	58 59 23.8	59.7875
		11 48.54	58 42 59.7	— 3	5					7 Tucanae
21	8.4	13 58.33	58 36 12.7	1	4	5.98	9.2	14 34.77	58 35 41.6	58.8066
22	8.8	15 30.71	56 47 1.1	2	0	5.80	9.8	16 7.30	56 46 27.9	56.10052
23	8.7	17 44.78	58 12 34.5	— 2	9	5.94	9.7	18 21.26	58 12 4.2	58.8069
24	8.0	21 36.81	57 47 41.8	— 3	2	5.89	10.2	22 13.33	57 47 10.4	58.8072
		23 26.68	63 35 29.8	0	0					(466)
25		25 52.17	58 41 33.0	1	8	5.98	10.5	26 28.60	58 41 3.9	58.8077
26		28 2.77	57 30 47.3	0	2	5.86	10.9	28 39.31	57 30 16.4	57.10292
27	9.0	31 13.44	57 32 49.1	— 3	5	5.86	11.3	31 49.98	57 32 18.8	57.10299
28	8.8	34 5.41	57 28 23.2	— 2	0	5.85	11.6	34 41.96	57 27 52.5	57.10310
29		35 33.89	56 54 18.6	— 1	3	5.79	11.8	36 10.48	56 53 49.1	57.10321

ZONA 78 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.	A. R. 1914.0	Decl. 1914.0	C. P. D.
30	7.5	23 ^h 37 ^m 19 ^s .14	58° 26' 49.9	1	98	-5.93 -11.7	23 ^h 37 ^m 55 ^s .62	58° 26' 20.3	58° 8095
31	8.0	40 18.54	57 45 58.0	0	98	5.86 12.1	40 55.07	57 45 28.0	57.10342
32	9.0	42 8.48	57 30 23.8	0	2	5.83 12.4	42 45.04	57 29 54.3	57.10349
33	8.2	45 47.33	59 43 45.5	- 2	4	6.04 12.3	46 23.71	59 43 18.8	59.7926
34		47 43.31	57 15 39.5	0	0	5.80 13.0	48 19.90	57 15 10.0	57.10374
35	8.8	49 44.59	58 49 19.6	- 1	98	5.91 12.8	50 20.96	58 48 51.5	59.7935
36	8.8	51 38.25	58 18 36.9	- 2	1	5.88 13.1	52 14.77	58 18 9.0	58.8116
		54 51.35	66 3 40.2	- 2	1				ε Tucanae
37	8.4	57 42.82	58 7 12.1	2	2	5.85 13.8	58 19.37	58 6 44.8	58.8126
38	7.8	0 2 24.93	57 19 23.6	- 1	4	5.76 14.4	0 2 1.56	57 18 56.1	57.6
		4 25.74	46 13 57.6	- 2	6				ε Phoenicis
39		6 40.82	57 57 26.3	- 3	5	5.81 14.7	7 17.39	57 57 0.0	58.8
40		8 59.98	57 29 12.2	- 1	7	5.76 15.0	9 36.60	57 28 45.9	57.42
41	8.0	12 8.68	58 38 15.0	- 2	97	5.85 15.0	12 45.22	58 37 48.7	58.24
		15 0.05	65 23 7.0	- 2	0				ε Tucanae
42	8.8	18 10.90	57 39 11.4	- 1	1	5.73 15.8	18 47.55	57 38 45.3	57.78
43	8.9	20 3.21	58 29 53.6	- 1	0	5.80 15.8	20 39.80	58 29 28.5	58.23
44	8.8	23 15.10	57 43 39.9	- 2	7	5.72 16.3	23 51.76	57 43 15.2	57.94
		26 39.03	49 17 18.3	2	2				[α Phoen.]
45	8.4	29 27.83	58 40 59.1	0	3	5.77 16.6	30 4.44	58 40 35.4	58.30
46	8.4	31 54.40	58 41 22.9	1	3	5.76 16.9	32 31.02	58 40 59.5	58.33
47		36 15.08	58 56 43.2	1	0	5.76 17.2	36 51.71	58.56 20.1	59.49
		38 52.82	57 56 29.0	1	2				[γ Phoen.]
48	8.8	41 12.54	57 47 14.0	2	0	5.63 17.8	41 49.28	57 46 50.1	57.156
49	9.0	43 13.43	57 23 19.9	- 2	87	5.59 18.1	43 50.21	57 22 53.7	57.166
50	8.6	44 47.26	57 54 53.9	- 1	95	5.62 18.1	45 24.01	57 54 29.7	58.49
51		47 27.66	57 3 15.7	- 2	2	5.54 18.5	48 4.48	57 2 51.7	57.179
52	7.8	49 54.89	57 52 35.6	- 3	0	5.59 18.6	50 31.66	57 52 12.4	58.55
53	9.0	52 15.73	57 1 22.1	1	0	5.51 18.9	52 52.58	57 0 58.3	57.203
54	8.0	56 5.27	57 23 58.9	- 2	4	5.52 19.2	56 42.11	57 23 36.4	57.213
55	8.3	58 16.10	57 48 37.3	- 2	96	5.54 19.3	58 52 92	57 48 14.2	58.65
		1 37.57	47 11 17.8	1	2				ε Phoenicis
56	8.8	3 41.43	59 31 22.6	1	98	5.64 19.5	1 4 18.18	59 31 2.1	59.74
57	8.7	5 37.73	56 49 16.1	- 1	2	5.42 20.0	6 14.65	56 48 53.4	57.252
58	8.7	7 15.52	59 39 46.0	- 1	8	5.62 19.7	7 52.29	59 39 27.3	59.83
59	8.3	10 36.66	57 50 41.1	0	5	5.46 20.3	11 13.45	57 50 20.4	58.87
60	9.0	13 47.27	57 44 15.5	- 1	1	5.43 20.5	14 24.19	57 43 54.3	57.277
61	7.5	15 57.05	57 48 27.4	- 2	3	5.42 20.7	16 33.98	57 48 6.7	58.95
62	8.7	18 18.57	57 11 11.6	1	0	5.36 21.0	18 55.56	57 10 50.0	57.296
63	8.6	20 42.47	57 47 41.6	- 3	99	5.38 21.0	21 19.44	57 47 20.6	57.305
		24 0.36	43 46 3.9	1	13				[γ Phoen.]
64	8.9	27 29.65	59 9 57.4	- 1	3	5.43 21.4	28 6.60	59 9 39.1	59.103
65	8.5	30 12.71	58 46 47.3	1	0	5.38 21.6	30 49.70	58 46 28.4	58.120
66	8.7	32 22.10	57 57 46.7	- 3	99	5.30 21.9	32 59.15	57 57 26.7	58.124
67	8.7	35 7.90	57 15 38.5	0	1	5.23 22.2	35 45.01	57 15 18.3	57.336
68	8.5	36 50.30	59 5 17.1	0	2	5.35 22.1	37 27.32	59 4 59.2	59.122
69	8.3	38 55.83	58 51 1.7	1	7	5.31 22.2	39 32.88	58 50 44.4	59.127
70	8.4	44 23.80	56 49 27.4	- 1	0	5.14 22.8	45 0.98	56 49 7.2	57.359
71	8.8	47 16.69	58 43 18.2	- 2	7	5.23 22.8	47 53.82	58 43 1.2	58.157
72	8.8	49 16.53	57 4 22.9	- 1	2	5.11 23.1	49 53.76	57 4 3.6	57.371
		51 59.35	52 2 37.0	- 3	2				χ Eridani
73	8.4	55 14.71	57 17 45.4	- 3	3	5.07 23.5	55 51.97	57 17 26.8	57.383
74		58 24.14	58 6 25.8	1	94	5.09 23.6	59 1.39	58 6 7.1	58.182

ZONA 79 A

Octubre 26 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.7	21 ^b 56 ^m 11 ^s 55	57° 9' 7.1	— 1	4					[= Indi]
2	8.8	22 7 39.56	57 39 20.3	— 1	96	-5.72	- 2.0	22 ^b 8 ^m 15 ^s 70	57° 38' 39.9	57.10070
3	7.5	9 45.95	59 40 25.8	0	98	5.93	1.7	10 21.91	59 39 47.9	59.7793
4	8.3	12 1.32	60 41 56.8	1	0					z Tucanae
5	8.7	14 16.87	57 57 9.1	2	2	5.77	2.6	14 52.95	57 56 30.5	58.7942
6	8.6	15 59.56	58 26 35.9	1	2	5.82	2.7	16 35.60	58 25 58.1	58.7947
7	8.6	18 9.11	58 43 31.7	— 2	3	5.86	2.8	18 45.11	58 42 54.4	58.7953
8	8.6	22 7.97	56 57 42.6	— 3	97	5.69	3.7	22 44.11	56 57 3.2	57.10093
9	8.6	26 36.18	62 26 0.6	1	2					(443)
10	8.8	29 36.33	59 16 29.1	1	1	5.94	3.9	30 12.27	59 15 53.4	59.7811
11	8.8	32 54.85	58 41 10.5	1	97	5.89	4.3	33 30.82	58 40 33.8	58.7979
12	8.6	36 5.90	57 30 0.4	0	0	5.77	5.0	36 41.96	57 29 23.5	57.10122
13	8.0	38 38.66	57 55 11.1	0	97	5.82	5.2	39 14.68	57 54 34.4	58.7993
14	9.0	40 25.97	58 8 38.3	— 2	2	5.85	5.3	41 1.97	58 8 2.6	58.7999
15	8.7	42 45.51	51 46 52.2	1	1					z Gruis
16	8.7	45 26.28	58 1 25.5	1	1	5.84	6.0	46 2.29	58 0 50.4	58.8008
17	8.9	48 6.99	70 32 23.1	2	89					p Indi
18	8.6	51 30.76	58 3 11.5	— 2	98	5.85	6.5	52 6.76	58 2 36.3	58.8022
19	8.9	54 17.87	57 7 59.7	— 3	7	5.77	7.0	54 53.93	57 7 25.3	57.10172
20	8.9	56 15.60	58 18 38.9	— 2	11	5.88	6.9	56 51.57	58 18 6.4	58.8032
21	7.5	57 46.60	56 58 19.9	— 2	1	5.75	7.4	58 22.66	56 57 44.8	57.10183
22	8.9	23 0 43.95	57 59 23.9	— 1	99	5.85	7.4	23 1 19.94	57 58 48.6	58.8039
23	8.8	4 20 47	58 31 4.9	1	4	5.91	7.7	4 56.40	58 30 32.4	58.8048
24	8.8	6 51.95	59 8 35.1	— 2	95	5.97	7.8	7 27.82	59 8 2.2	59.7871
25	8.8	8 44.28	58 59 56.1	— 1	99	5.95	8.0	9 20.17	58 59 23.8	59.7875
26	8.5	11 49.02	58 42 59.4	— 3	99					y Tucanae
27	8.9	13 58.81	58 36 12.9	1	0	5.91	8.6	14 34.74	58 35 40.9	58.7066
28	8.8	15 31.29	56 47 0.2	2	4	5.74	9.2	16 7.36	56 46 27.2	56.10032
29	8.8	17 45.28	58 12 36.8	2	0	5.87	9.1	18 21.24	58 12 4.9	58.8069
30	8.0	21 37.29	57 47 42.2	— 3	0	5.83	9.6	22 13.28	57 47 10.2	58.8072
31	7.5	23 27.25	63 35 28.5	0	6					(466)
32	8.5	25 52.67	58 41 34.4	1	0	5.91	9.8	26 28.59	58 41 3.7	58.8077
33	8.8	28 3.21	57 30 49.6	0	93	5.80	10.3	28 39.22	57 30 17.0	57.10292
34	8.8	31 14.14	57 32 47.8	— 3	8	5.80	10.6	31 50.15	57 32 16.6	57.10299
35	8.9	34 6.06	57 28 22.3	— 2	4	5.79	10.9	34 42.08	57 27 51.8	57.10310
36	7.3	35 34.36	56 54 19.2	— 1	98	5.74	11.2	36 10.42	56 53 47.5	57.10321
37	7.3	37 19.68	58 26 49.6	1	3	5.88	11.0	37 55.63	58 26 20.3	58.8095
38	8.3	40 18.94	57 45 57.7	0	1	5.81	11.4	40 54.94	57 45 27.7	57.10342
39	8.5	42 8.98	57 30 24.6	0	96	5.78	11.7	42 45.00	57 29 53.8	57.10349
40	8.3	45 47.87	59 43 45.4	— 2	98	5.99	11.5	46 23.72	59 43 17.4	59.7926
41	8.8	47 43.85	57 15 38.6	0	2	5.75	12.3	48 19.90	57 15 9.0	57.10374
42	8.8	49 45.23	58 49 19.2	— 1	0	5.89	12.1	50 21.16	58 48 50.9	59.7935
43	9.0	51 38.87	58 18 36.0	— 2	0	5.84	12.4	52 14.85	58 18 7.5	58.8116
44	8.3	54 52.05	66 3 39.6	— 2	2					z Tucanae
45	8.3	57 43.40	58 7 12.1	2	3	5.80	13.0	58 19.42	58 6 44.5	58.8126
46	8.8	0 2 26.28	57 39 29.3	— 1	2	5.75	13.6	0 3 2.34	57 39 1.5	57.7
47	8.2	5 21.61	58 0 3.2	0	0	5.77	13.8	5 57.66	57 59 35.7	58.5
48	9.0	7 37.00	56 53 59.2	— 2	1	5.67	14.2	8 13.12	56 53 31.0	57.35
49	8.6	11 15.01	59 15 33.0	0	2	5.87	14.1	11 50.97	59 15 7.6	59.19
50	8.6	15 0.58	65 23 5.8	— 2	6					z Tucanae
51	8.4	17 46.95	58 47 57.0	— 3	4	5.80	14.8	18 22.96	58 47 32.0	58.30
52	8.4	19 36.02	57 8 4.4	— 2	6	5.65	15.3	20 12.16	57 7 38.1	57.84

ZONA 79 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
44	8.5	0 ^h 21 ^m 34 ^s .20	59° 16' 43.6	1	2	-5.83	-15.0	0 ^h 22 ^m 10 ^s .20	59° 16' 19.2	59° 37'
45	8.9	25 31.89	56 50 9.6	0	99	5.60	15.8	26 8.07	56 49 42.6	57.102
46	8.8		57 26 50.2	1	2		15.9		57 26 24.4	57.110
47	7.9	29 24.22	57 33 59.7	- 2	7	5.64	16.1	30 0.36	57 33 35.0	57.115
48	8.6	31 58.37	57 34 31.7	- 1	14	5.63	16.3	32 34.52	57 34 8.2	57.123
49	8.5	34 12.41	57 8 42.0	- 2	10	5.59	16.5	34 48.60	57 8 17.6	57.132
		36 30.19	46 34 2.1	- 1	96					μ Phoenicis
		38 53.33	57 56 28.2	1	5					[γ Phoen.]
50	7.0	41 59.49	58 24 16.1	- 1	96	5.64	16.7	42 35.65	58 23 51.5	58.47
51	8.8	44 17.37	59 22 19.6	2	95	5.72	17.0	44 53.47	59 21 56.3	59.57
52	8.6	46 27.78	57 30 5.1	0	4	5.56	17.5	47 3.99	57 29 41.3	57.174
		51 12.64	69 59 41.3	- 1	95					[λ Tucan.]
53	8.1	53 48.99	58 10 20.5	0	0	5.57	18.0	54 25.21	58 9 57.4	58.58
54	8.6	55 41.15	56 58 20.5	- 2	0	5.47	18.4	56 17.44	56 57 56.4	57.212
55	8.5	58 49.15	57 22 33.2	- 3	3	5.48	18.6	59 25.44	57 22 10.2	57.221
		1 38.19	47 11 17.3	1	1					z Phoenicis
56		5 11.10	57 3 34.0	- 2	2	5.43	19.1	1 5 47.44	57 3 11.0	57.251
57	8.4	8 15.58	57 49 32.9	- 1	97	5.46	19.2	8 51.90	57 49 10.3	58.84
58	8.5	11 25.49	57 42 38.7	- 3	1	5.42	19.5	12 1.84	57 42 16.7	57.271
59	8.9	13 47.91	57 44 14.2	- 1	5	5.51	19.7	14 24.27	57 43 53.0	57.277
60	8.8	15 37.83	57 4 26.4	- 1	4	5.36	19.9	16 14.23	57 4 4.5	57.288
61	7.8	18 15.79	59 34 50.1	- 1	7	5.52	19.7	18 52.06	59 34 31.5	59.91
62	8.6	19 50.73	57 3 33.8	- 2	97	5.33	20.3	20 27.16	57 3 13.1	57.302
63	8.9	21 35.75	57 35 39.6	0	98	5.35	20.3	22 12.16	57 35 17.8	57.309
64	8.9	23 47.39	59 43 20.3	- 2	1	5.49	20.1	24 23.70	59 43 1.4	59.99
65	8.8	26 14.47	59 57 21.3	- 3	12	5.49	20.3	26 50.79	59 57 4.3	60.117
66	8.2	27 46.66	60 2 26.1	- 3	5	5.49	20.4	28 22.98	60 2 8.4	60.119
67	8.0	29 37.56	58 1 22.8	1	1	5.33	20.8	30 14.01	58 1 2.5	58.116
68		31 25.12	58 35 2.2	0	98	5.34	20.8	32 1.56	58 34 42.2	58.123
69	8.7	36 14.42	58 47 45.6	- 3	2	5.33	21.2	36 50.76	58 47 26.7	58.133
70	8.5	37 58.94	59 2 51.6	- 3	6	5.33	21.2	38 35.39	59 2 33.7	59.124
71	8.5	44 59.40	57 34 38.3	- 1	3	5.18	21.9	45 35.97	57 34 18.8	57.361
72	7.8	46 41.37	59 22 15.0	2	5	5.28	21.8	47 17.88	59 21 57.9	59.150
73	9.0	48 50.06	60 45 6.4	0	97	5.36	21.8	49 26.52	60 44 50.5	60.154
		51 59.92	52 2 36.2	- 3	4					z Eridani
74	8.8	54 20.77	59 46 14.8	1	8	5.24	22.2	54 57.31	59 45 58.2	59.172
75	8.9	57 14.48	60 36 58.7	1	7	5.27	22.3	57 51.01	60 36 44.1	60.173
76	8.4	59 13.44	58 0 51.7	0	0	5.09	22.8	59 50.11	58 0 33.3	58.184

ZONA 80 A

Noviembre 1º de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		22 ^h 12 ^m 6 ^s .04	60 38' 18".4	- 2	95	- 5.59	- 1.8	22 ^h 14 ^m 53 ^s .03	57° 56' 31".0	z Tucanae
2		14 21.59	57 53 31.3	- 2	96	5.65	1.9	16 35.55	58 25 59.7	58.7947
3		16 4.18	58 23 0.4	- 2	12	5.68	2.0	18 45.03	58 42 55.2	58.7953
		18 13.79	58 39 54.3	- 1	95					

ZONA 80 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
4	8.4	22 ^h 20 ^m 19 ^s 76	59° 15' 53".1	0	95	-5.75	-2.1	22 ^h 20 ^m 51 ^s 02	59° 18' 54".8	59.7798
5	8.6	22 12.67	56 54 4.0	-1	94	5.53	2.9	22 44.14	56 57 3.9	57.10093 (443)
6	8.5	29 40.99	59 12 51.6	-3	95	5.77	3.0	30 12.22	59 15 54.1	59.7811
7		34 10.51	59 42 19.5	2	5	5.83	3.3	34 41.68	59 45 21.5	59.7822
8	8.9	36 10.62	57 26 22.8	1	96	5.62	4.1	36 42.02	57 29 24.2	57.10122
9	8.0	38 43.35	57 51 33.3	1	97	5.66	4.2	39 14.61	57 54 35.2	58.7993
10	8.9	40 30.49	58 5 0.7	0	93	5.69	4.3	41 1.82	58 8 3.6	58.7999
		42 50.06	51 43 13.1	-2	95					± Gruis
11	8.6	45 31.01	57 57 46.4	-3	94	5.68	4.8	46 2.34	58 0 49.5	58.8008
		48 12.07	70 28 44.7	-2	3					± Indi
12	8.8	51 35.43	57 59 32.9	-1	0	5.70	5.3	52 6.74	58 2 35.7	58.8022
13	8.6	54 22.50	57 4 23.5	-1	2	5.62	5.9	54 53.90	57 7 25.5	57.10172
14	8.8	56 20.34	58 15 3.8	0	8	5.72	5.8	56 51.62	58 18 6.2	58.8032
15		57 51.33	56 54 42.9	-1	2	5.61	6.3	58 22.73	56 57 45.1	57.10183
16	8.9	23 0 48.62	57 55 45.8	0	1	5.71	6.3	23 1 19.92	57 58 49.3	58.8039
17	8.7	4 25.13	58 27 28.4	2	0	5.76	6.6	4 56.37	58 30 32.9	58.8048
18	8.5	6 56.77	59 4 56.7	-1	97	5.82	6.7	7 27.94	59 8 2.5	59.7871
19	8.4	8 49.08	58 56 17.8	1	96	5.81	6.9	9 20.26	58 59 23.8	59.7875
		11 53.79	58 39 20.9	-1	95					± Tucanae
20	8.4	14 3.49	58 32 36.1	-3	0	5.77	7.5	14 34.71	58 35 41.7	58.8066
21	8.8	15 36.08	56 43 22.8	-2	97	5.61	8.0	16 7.47	56 46 27.2	56.10032
22	8.7	17 49.98	58 8 59.3	-2	2	5.74	7.9	18 21.23	58 12 4.6	58.8069
23	8.0	21 42.03	57 44 4.5	-1	96	5.70	8.4	22 13.33	57 47 10.6	58.8072
		23 32.12	63 31 52.5	1	0					(466)
24	7.5	25 57.38	58 37 56.5	-3	0	5.78	8.6	26 28.59	58 41 3.2	58.8077
25	7.6	28 7.92	57 27 11.6	2	2	5.67	9.0	28 39.24	57 30 17.2	57.10292
26	8.9	31 18.77	57 29 11.5	-1	0	5.67	9.3	31 50.09	57 32 17.7	57.10299
27	8.8	34 10.75	57 24 44.5	-1	95	5.67	9.6	34 42.07	57 27 51.6	57.10310
28		35 39.16	56 50 41.8	0	0	5.62	9.9	36 10.53	56 53 47.8	57.10321
29	7.2	37 24.52	58 23 11.3	-2	96	5.75	9.7	37 55.75	58 26 19.5	58.8095
30	9.0	40 23.73	57 42 20.3	2	0	5.69	10.1	40 55.03	57 45 27.5	57.10342
31	8.9	42 13.69	57 26 44.9	1	88	5.66	10.4	42 45.02	57 29 53.8	57.10349
32	8.5	45 52.55	59 40 8.4	0	2	5.86	10.2	46 23.67	59 43 17.6	59.7926
33	8.4	47 48.58	57 12 1.8	2	99	5.64	10.9	48 19.94	57 15 9.4	57.10374
34	8.9	49 49.91	58 45 40.9	0	97	5.77	10.8	50 21.12	58 48 50.5	59.7935
35	8.9	51 43.49	58 14 57.7	-1	93	5.72	11.1	52 14.74	58 18 7.5	58.8116
		54 56.91	66 0 3.1	0	99					± Tucanae
36	8.3	57 48.10	58 3 36.1	-2	2	5.69	11.4	58 19.39	58 6 44.8	58.8126
37	7.8	0 2 30.15	57 15 46.9	0	0	5.62	12.2	0 3 1.52	57 18 55.7	57.6
		4 30.96	46 10 19.6	0	97					± Phoenicis
38	8.8	6 46.16	57 53 49.7	-2	5	5.66	12.5	7 17.48	57 56 58.8	58.8
39		9 5.32	57 25 36.0	0	3	5.62	12.8	9 36.68	57 28 45.1	57.42
40	8.0	12 14.03	58 34 36.0	-1	95	5.70	12.8	12 45.30	58 37 47.7	58.14
		15 5.49								± Tucanae
41	8.8	18 16.24	57 35 34.8	0	4	5.61	13.5	18 47.60	57 38 44.8	57.78
42	8.8	20 8.45	58 26 17.5	1	6	5.67	13.5	20 39.74	58 29 28.2	58.23
43	8.8	23 20.43	57 40 3.5	0	0	5.60	14.0	23 51.80	57 43 14.5	57.94
		26 44.30	49 13 40.3	-2	95					[1 ^a Phoen.]
44	8.5	29 33.12	58 37 22.4	2	97	5.65	14.3	30 4.43	58 40 35.9	58.30
45	8.5	31 59.73	58 37 45.3	-3	98	5.65	14.5	32 31.04	58 40 58.3	58.33
46	8.4	34 12.33	57 21 7.3	1	1	5.53	14.9	34 43.77	57 24 18.8	57.131
47	8.0	36 20.36	58 53 6.4	-2	3	5.65	14.8	36 51.67	58 56 19.3	59.49
		38 58.10	57 52 52.3	-3	0					[2 ^a Phoen.]
48	8.8	41 17.90	57 43 37.1	-2	1	5.54	15.5	41 49.32	57 46 49.6	57.156
49	9.0	43 18.73	57 19 40.6	-1	3	5.50	15.7	43 50.19	57 22 52.5	57.166
50	8.7	44 52.57	57 51 16.6	1	3	5.53	15.7	45 24.00	57 54 29.2	58.49

ZONA 80 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Micron.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
51	8.0	0 ^h 47 ^m 33 ^s .03	56°59'37".8	— 1	97	—5.46	—16".1	0 ^h 48 ^m 4 ^s .53	57° 2' 50".7	57° 179
52	8.0	50 0.13	57 48 57.8	— 2	0	5.51	16.1	50 31.58	57 52 11.3	58.55
53		52 21.05	56 57 41.7	— 3	86	5.43	16.5	52 52.58	57 0 56.6	57.203
54	7.8		58 6 44.5	— 1	7		16.4		58 9 57.5	58.58
55	7.8	56 10.69	57 20 22.1	— 0	0	5.44	16.7	56 42.21	57 23 35.6	57.213
56	8.4	58 21.30	57 44 59.8	— 1	3	5.46	16.8	58 52.79	57 48 13.4	58.65
		1 1 42.81	47 7 40.6	— 3	4					β Phoenicis
57	8.6	3 46.79	59 27 44.5	— 3	95	5.57	16.9	1 4 18.16	59 31 1.4	59.74
58	8.5	5 43.09	56 45 38.6	— 0	2	5.36	17.5	6 14.68	56 48 51.9	57.252
59	8.2	7 20.94	59 36 10.5	— 1	3	5.56	17.2	7 52.32	59 39 26.7	59.83
60	8.1	10 41.96	57 47 6.8	— 2	17	5.40	17.7	11 13.51	57 50 19.3	58.87
61	8.9		57 40 39.4	— 0	6		18.0		57 43 53.7	57.277
62	7.4	16 2.42	57 44 50.7	— 1	3	5.37	18.1	16 34.00	57 48 5.7	58.95
63	8.6	18 24.01	57 7 34.6	— 3	2	5.31	18.4	18 55.66	57 10 49.2	57.296
64	8.7	20 47.77	57 44 4.9	— 1	0	5.34	18.5	21 19.38	57 47 20.6	57.305
		24 5.62	43 42 27.1	— 3	95					[γ Phoen.]
65	8.9	27 35.04	59 6 20.2	— 1	1	5.39	18.7	28 6.57	59 9 37.7	59.103
66	8.3	30 18.02	58 43 9.4	— 2	94	5.35	19.0	30 49.60	58 46 27.7	58.120
67	8.8	32 27.42	57 54 8.0	— 1	94	5.28	19.3	32 59.08	57 57 25.6	58.124
68	8.7	35 13.34	57 12 1.1	— 2	98	5.22	19.6	35 45.07	57 15 17.6	57.336
69	8.6	36 55.80	59 1 40.8	— 1	8	5.32	19.4	37 27.41	59 4 57.8	59.122
70	8.3	39 1.21	58 47 26.5	— 2	5	5.29	19.6	39 32.84	58 50 43.9	59.127
71		44 29.33	56 45 49.5	— 0	97	5.15	20.2	45 1.03	56 49 6.3	57.359
72	8.8	47 22.06	58 39 42.6	— 1	4	5.23	20.1	47 53.75	58 43 0.6	58.157
73	8.8	49 21.93	57 0 45.7	— 0	96	5.11	20.5	49 53.75	57 4 3.2	57.371
		52 4.65	51 58 59.2	— 2	97					z Eridani
74		55 20.07	57 14 7.3	— 1	98	5.08	20.8	55 51.93	57 17 25.1	57.383
75		58 29.65	58 2 52.4	— 3	27	5.11	20.9	59 1.47	58 6 7.0	58.182
76	8.5	2 14 59.86	58 9 39.6	— 1	0	4.98	21.8	2 15 31.79	58 12 59.2	58.201
77	7.5	17 7.65	57 7 20.6	— 2	1	4.91	22.1	17 39.67	57 10 39.1	57.427
78	8.8	19 5.36	57 9 33.0	— 1	0	4.90	22.2	19 37.39	57 12 51.8	57.430
79	8.7	20 29.84	58 30 58.9	— 0	10	4.95	22.1	21 1.80	58 34 17.8	58.207
80	8.6	22 27.27	58 30 43.1	— 0	7	4.93	22.2	22 59.25	58 34 2.5	58.209
81	8.8	24 39.78	58 21 31.6	— 1	99	4.91	22.3	25 11.78	58 24 52.1	58.213
82	7.2	27 10.04	58 8 8.6	— 2	98	4.87	22.5	27 42.07	58 11 29.2	58.217
83	9.0	29 53.37	58 12 56.5	— 3	45	4.85	22.6	30 25.42	58 16 10.4	58.219
84	8.7	33 55.54	58 14 51.3	— 1	50	4.82	22.8	34 27.62	58 18 4.7	58.221
		37 44.43	68 34 34.5	— 1	4					[ε Hydri]
85	8.5	39 28.14	56 56 59.1	— 1	95	4.72	23.2	40 0.33	57 0 19.4	57.464
86	8.9	41 53.36	58 15 57.8	— 0	2	4.75	23.1	42 25.45	58 19 18.6	58.227
87	8.4	44 10.00	57 44 34.0	— 1	0	4.71	23.3	44 42.20	57 47 54.6	57.473
88	8.6	46 16.32	58 7 15.0	— 2	4	4.70	23.4	46 48.52	58 10 35.6	58.238
89	8.2	48 12.21	57 29 25.1	— 1	6	4.66	23.5	48 44.46	57 32 44.8	57.481
90	8.8	50 44.53	57 38 56.8	— 2	1	4.64	23.6	51 16.80	57 42 17.5	57.484
91	8.5	55 4.49	57 50 39.9	— 0	3	4.61	23.7	55 36.78	57 54 0.6	58.248
92	8.4	57 15.46	58 31 23.7	— 1	97	4.61	23.8	57 47.74	58 34 46.2	58.251
			60 0 52.6	— 0	3					α Horoljii
93	8.2	3 4 33.36	57 5 49.8	— 0	97	4.50	24.2	3 5 5.77	57 9 11.0	57.499
94	9.0	6 39.07	58 22 2.9	— 2	99	4.51	24.1	7 11.45	58 25 25.3	58.264
			57 35 14.0	— 0	3					[38 G. Horol]

ZONA 81 A

Noviembre 3 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microsc.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		22 ^b 29 ^m 49.02	58°16'40.8	1	96	-5.62	- 3.0	22 ^b 30 ^m 19.08	58°19'43.5	58 7971
2		35 37.16	57 16 8.5	1	1	5.54	3.8	36 7.32	57 19 10.0	57.10121
3		40 13.87	58 22 10.1	2	94	5.65	3.9	40 43.89	58 25 14.1	58.7997
4		41 58.50	57 29 32.5	— 1	91	5.58	4.3	42 28.60	57 32 36.2	57.10143
		48 13.34	70 28 42.3	— 2	96					Indi
5		23 31 37.39	57 44 27.5	— 1	97	5.65	8.9	23 22 7.40	57 47 35.2	58.8086
6		34 47.48	58 48 10.7	— 2	3	5.74	9.0	35 17.38	58 51 18.8	59.7909
7		36 53.32	59 23 13.0	— 2	0	5.80	9.0	37 23.16	59 26 22.3	59.7912
8		38 51.08	57 27 21.2	2	1	5.62	9.6	39 21.12	57 30 28.9	57.10335
9		40 45.98	57 1 43.3	1	1	5.59	9.9	41 16.04	57 4 50.8	57.10343
10	8.4	42 52.68	57 37 0.8	2	2	5.63	10.0	43 22.70	57 40 8.9	57.10351
11	8.5	45 53.76	59 40 7.7	0	2	5.81	9.8	46 23.58	59 43 18.0	59.7926
12	9.0	48 17.28	57 32 1.8	2	4	5.62	10.5	48 47.31	57 35 10.0	57.10375
13	9.0	49 51.14	58 45 42.6	0	8	5.73	10.3	50 21.05	58 48 51.5	59.7935
14	8.0	52 27.86	59 23 26.3	— 2	0	5.78	10.4	52 57.71	59 26 37.1	59.7945
		54 58.20	66 0 2.0	0	0					Tucanae
15	8.8	57 59.06	59 12 27.4	2	6	5.75	11.0	58 28.94	59 15 37.8	59.7954
16	8.9	0 2 32.13	57 35 52.0	0	2	5.61	11.7	0 3 2.17	57 39 1.8	57.7
17	8.3	5 27.58	57 56 25.8	1	98	5.63	11.9	5 57.59	57 59 36.7	58.5
18	9.0	7 42.77	56 50 20.6	0	90	5.53	12.3	8 12.88	56 53 31.7	57.35
19	8.2	11 21.05	59 17 54.4	1	96	5.72	12.1	11 50.95	59 15 7.4	59.19
		15 6.85	65 19 29.8	— 1	2					Tucanae
20	8.7	17 52.92	58 44 20.0	— 1	3	5.66	12.8	18 22.89	58 47 32.1	59.30
21	8.4	19 41.83	57 4 26.4	— 1	99	5.53	13.3	20 11.94	57 7 37.5	57.84
22	8.3	21 40.29	59 13 5.9	— 2	0	5.69	13.0	22 10.22	59 16 19.3	59.37
23	8.8	25 37.87	56 46 31.4	1	2	5.49	13.9	26 8.02	56 49 42.4	57.102
24	8.8		57 23 13.1	— 2	0				57 26 24.7	57.110
25	7.8	29 30.32	57 30 23.2	0	3	5.53	14.0	30 0.42	57 33 35.0	57.115
26	8.7	32 4.34	57 30 54.1	0	95	5.52	14.2	32 34.45	57 34 7.4	57.123
27	8.3	34 18.36	57 5 4.5	0	96	5.48	14.5	34 48.51	57 8 17.3	57.132
		36 44.96	46 30 22.1	0	97					Phoenicis
		38 59.34	57 52 57.2	— 3	4					[? Phoen.]
28		42 5.60	58 20 37.6	0	1	5.55	14.9	42 35.67	58 23 51.6	58.47
29	8.7	44 23.42	59 18 40.6	— 2	0	5.62	14.9	44 53.41	59 21 55.8	59.57
30	8.5	46 33.78	57 26 27.7	1	95	5.47	15.4	47 3.94	57 29 42.1	57.174
		51 19.15	69 56 3.2	1	98					[? Tucan.]
31	8.0	53 54.93	58 6 43.6	1	3	5.48	15.9	54 25.06	58 9 58.0	58.58
32	8.7	55 47.36	56 54 45.4	— 1	15	5.39	16.2	56 17.59	56 57 56.9	57.212
33	8.7	58 55.22	57 18 57.8	— 2	7	5.40	16.4	59 25.45	57 22 11.1	57.221
34	7.5	5 17.26	56 59 57.6	— 1	4	5.40	16.5	5 47.48	57 3 11.3	57.251
35	8.4	8 21.76	57 45 55.5	0	5	5.39	16.9	8 51.99	57 49 10.3	58.84
36		11 31.62	57 39 1.1	— 1	99	5.37	17.3	12 1.87	57 42 17.2	57.271
37	8.9		57 46 37.0	0	98				57 43 53.2	57.277
38	9.0	15 43.91	57 0 49.5	0	1	5.30	17.7	16 14.25	57 4 4.7	57.288
39		18 21.93	59 31 13.5	1	95	5.46	17.5	18 52.06	59 34 32.4	59.91
40		23 53.43	59 39 43.4	— 1	5	5.45	17.8	24 23.57	59 43 1.4	59.99
41			59 53 40.7	— 2	10				59 57 4.3	60.117
42		27 52.67	59 58 49.9	— 2	12	5.44	18.1	28 22.81	60 2 7.4	60.119
43		29 43.56	57 57 46.0	— 3	1	5.29	18.5	30 13.88	58 1 3.0	58.116
44		31 31.30	58 31 23.0	1	95	5.31	18.5	32 1.59	58 34 41.8	58.123
45		36 20.53	58 44 8.5	— 1	98	5.30	18.8	36 50.82	58 47 27.3	58.133
46		38 5.05	58 59 14.4	— 1	0	5.30	18.9	38 35.34	59 2 33.3	59.124

ZONA 81 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
47		1 ^h 45 ^m 5.35	57 31 0.6	1	0	-5.16	-19.6	1 ^h 45 ^m 35.79	57°34'18.4	57.361
48			59 18 38.1	— 2	98		19.4		59 21 58.2	59.150
49		48 56.26	60 41 28.6	1	0	5.34	19.3	49 26.47	60 44 50.1	60.154
		52 5.92	51 59 1.7	— 1	13					χ Eridani
50		54 27.15	59 42 38.4	— 3	2	5.19	19.9	54 57.54	59 45 58.8	59.172
51		57 20.88	60 33 20.0	— 2	90	5.26	19.9	57 51.18	60 36 43.2	60.173
52		59 19.55	57 57 14.6	2	3	5.09	20.4	59 50.05	58 0 33.3	58.184

ZONA 82 A

Noviembre 4 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.4	22 ^h 50 39.15	58 11 15.1	1	98	-5.63	-4.8	22 ^h 51 ^m 8.68	58°14'19.7	58.8018
2		23 8 57.36	57 39 16.1	— 1	20	5.61	6.7	23 9 26.92	57 42 18.6	57.10228
		10 55.45	58 39 21.7	— 1	6					γ Tucanae
3	8.7	17 15.04	57 34 47.9	— 1	6	5.61	7.4	17 44.59	57 37 53.2	57.10257
		20 18.18	53 8 48.6	— 2	90					[o Gruis]
4		23 56.59	56 53 47.4	— 2	5	5.56	8.2	24 26.19	56 56 52.7	57.10281
5		26 45.77	59 25 34.6	0	10	5.78	7.9	27 15.13	59 28 42.0	59.7897
6		28 52.54	58 52 15.7	2	11	5.73	8.2	29 21.96	58 55 22.6	59.7901
7		31 37.92	57 44 27.3	— 1	2	5.63	8.7	32 7.45	57 47 34.6	58.8086
8		34 47.92	58 48 9.4	— 2	2	5.72	8.8	35 17.31	58 51 18.0	59.7909
9		36 53.76	59 23 12.8	— 2	7	5.77	8.8	37 23.12	59 26 21.4	59.7912
10		40 46.40	57 1 43.8	1	6	5.56	8.7	41 15.99	57 4 49.8	57.10343
11		45 54.40	59 40 8.2	0	6	5.79	9.6	46 23.74	59 43 18.2	59.7926
12		48 17.70	57 32 1.0	2	99	5.60	10.3	48 47.25	57 35 10.2	57.10375
13		49 51.64	58 45 41.0	0	3	5.70	10.1	50 21.08	58 48 50.9	59.7935
14		52 28.36	59 23 26.3	— 2	2	5.75	10.2	52 57.74	59 26 37.1	59.7945
		54 58.73	66 0 2.5	0	6					δ Tucanae
15		0 5 28.01	57 56 25.8	1	0	5.61	11.7	0 5 57.54	57 59 36.7	58.5
16		7 43.50	56 50 20.2	0	96	5.52	12.1	8 13.12	56 53 30.8	57.35
		15 7.25	65 19 27.8	— 1	91					ε Tucanae
17		17 53.39	58 44 20.1	— 1	1	5.64	12.6	18 22.87	58 47 32.6	59.30
18	8.5	19 42.49	57 4 27.9	— 1	2	5.51	13.1	20 12.11	57 7 38.8	57.84
19	8.4	21 40.86	59 13 5.2	— 2	95	5.68	12.8	22 10.29	59 16 19.3	59.37
20	9.0	25 38.47	56 46 32.9	1	8	5.47	13.6	26 8.13	56 49 43.1	57.102
21		27 22.77	57 23 13.3	— 2	1	5.51	13.3	27 52.39	57 26 24.9	57.110
22		29 30.71	57 30 23.2	0	1	5.51	13.8	30 0.33	57 33 35.5	57.115
23		32 4.85	57 30 54.9	0	99	5.51	14.0	32 34.47	57 34 7.7	57.123
24		34 18.95	57 5 5.4	0	0	5.47	14.3	34 48.61	57 8 17.9	57.132
		36 45.42	46 30 23.7	0	7					ζ Phoenicis
		38 59.94	57 52 52.2	— 3	5					[γ Phoen.]
25		42 6.17	58 20 37.5	0	0	5.54	14.6	42 35.74	58 25 51.8	58.47
26		44 23.88	59 18 39.6	— 2	92	5.60	14.6	44 53.38	59 21 55.2	59.57
27		46 34.20	57 26 27.0	1	92	5.45	15.1	47 3.87	57 29 41.9	57.174
28		53 55.42	58 6 41.3	1	92	5.47	15.6	54 25.06	58 9 57.5	58.58
			69 56 3.5	1	99					[λ Tucan.]

ZONA 82 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
29		0 ^h 55 ^m 47 ^s .68	56 54 43.5	— 1	3	—5.38	—16.0	0 ^h 56 ^m 17 ^s .42	56°57'57.0	57°212
30		58 55.75	57 18 55.7	— 2	0	5.39	16.1	59 25.48	57 22 10.2	57.221
		1 1 44.51	47 7 39.9	— 3	5					β Phoenicis
31		5 17.67	56 59 57.0	— 1	2	5.34	16.7	1 5 47.44	57 3 11.4	57.251
32		8 22.17	57 45 55.8	0	3	5.38	16.7	8 51.90	57 49 11.1	58.84
33		11 32.09	57 39 2.6	— 1	6	5.36	17.0	12 1.84	57 42 17.6	57.271
34		18 22.35	59 31 14.0	1	6	5.45	17.2	18 51.99	59 34 31.5	59.91
35		27 53.19	59 58 49.6	— 2	8	5.43	17.8	28 22.84	60 2 7.9	60.121
36		29 44.18	57 57 45.8	— 3	6	5.28	18.2	30 14.00	58 1 2.3	58.116
37		31 31.87	58 31 24.6	1	2	5.30	18.2	32 1.66	58 34 42.6	58.123
38		45 5.69	57 30 59.7	0	95	5.16	19.3	45 35.63	57 34 17.5	57.361
39			59 18 38.3	— 2	0		19.1		59 21 58.2	59.150
40		48 56.63	60 41 32.3	1	25	5.33	19.1	49 26.36	60 44 50.3	60.154
		52 6.50	51 58 59.5	— 2	0					γ Eridani
41		54 27.54	59 42 38.3	— 3	0	5.23	19.5	54 57.37	59 45 59.1	59.172

ZONA 83 A

Noviembre 9 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		22 ^h 48 ^m 16 ^s .93	70°28'46.3	— 2	99					γ Indi
1	8.3	50 42.45	58 11 18.2	1	95	—5.49	— 4.1	22 ^h 51 ^m 8 ^s .81	58 14 19.8	58.8018
2	9.0	52 20.93	58 6 20.2	1	7	5.48	4.3	52 47.29	58 9 20.1	58.8024
3	8.5	55 16.57	57 33 44.1	— 2	4	5.45	4.7	55 42.97	57 36 44.2	57.10174
4	8.7	58 9.54	59 19 36.2	— 1	3	5.60	4.5	58 35.78	59 22 38.3	59.7851
5	8.0	23 0 34.39	59 6 26.4	1	97	5.59	4.8	23 1 0.64	59 9 29.4	59.7858
6	8.5	2 5.70	57 57 28.4	2	18	5.49	5.2	2 32.06	58 0 27.4	58.8041
7	8.2	4 53.05	59 31 49.5	1	95	5.63	5.0	5 19.26	59 34 53.5	59.7866
8	8.7	7 5.89	57 28 52.4	— 2	2	5.46	5.7	7 32.27	57 31 53.8	57.10219
9	8.1	9 0.49	57 39 18.2	— 1	15	5.48	5.9	9 26.86	57 42 18.0	57.10228
10	8.7	10 42.48	56 49 12.1	— 1	97	5.41	6.2	11 8.91	56 52 14.0	57.10236
11	8.7	13 6.11	58 42 59.8	— 3	4	5.57	6.0	13 32.37	58 46 2.6	58.8063
12	8.5	17 18.07	57 34 50.2	— 1	2	5.48	6.6	17 44.43	57 37 53.7	57.10257
		21 21.30	53 8 53.6	— 2	0					[α Gruis]
13	8.9	23 59.72	56 53 50.2	— 2	2	5.43	7.3	24 26.13	56 56 52.6	57.10281
14	8.2	26 48.83	59 25 37.0	0	1	5.64	7.0	27 15.02	59 28 42.0	59.7897
15	8.7	28 55.65	58 52 16.8	2	0	5.60	7.3	29 21.88	58 55 21.6	59.7901
16	8.5	31 41.08	57 44 31.2	— 1	3	5.50	7.8	32 7.42	57 47 34.8	58.8086
17	8.9	34 51.22	58 48 13.2	— 2	99	5.59	7.8	35 17.45	58 51 18.7	58.7909
18	8.6	36 57.05	59 23 15.8	— 2	0	5.64	7.9	37 23.23	59 25 21.8	59.7912
19	8.9	38 54.80	57 27 24.6	2	97	5.48	8.5	39 21.14	57 30 29.3	57.10335
20	8.7	40 49.62	57 1 45.8	1	96	5.45	8.7	41 16.00	57 4 50.5	57.10343
21	8.4	42 56.37	57 37 3.8	2	3	5.49	8.8	43 22.71	57 40 8.2	57.10351
22	8.5	45 57.57	59 40 12.0	0	8	5.66	8.6	46 23.73	59 43 17.9	59.7926
23	9.0	48 21.08	57 32 5.4	2	3	5.48	9.3	48 47.43	57 35 10.2	57.10375
24	8.9	49 54.87	58 45 43.8	0	98	5.58	9.1	50 21.11	58 48 50.6	59.7935
25	8.0	52 31.62	59 23 29.4	— 2	97	5.63	9.4	52 57.80	59 26 37.4	59.7945

ZONA 84 A

Noviembre 15 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		23° 52' 35".68	59 23 32.8	— 2	13	— 5.48	— 8.1	23° 52' 57".96	59° 26' 37".6	59.7945
		55 5.68	66 0 6.1	0	97					α Tucanae
2	8.8	58 6.81	59 12 31.4	— 3	7	5.46	8.6	58 29.11	59 15 37.4	59.7954
3	7.5	0 8 13.35	58 20 25.0	0	0	5.39	9.4	0 8 35.72	58 23 31.7	58.10
4	8.9	15 10.35	57 16 39.2	1	99	5.30	10.3	15 32.82	57 19 45.6	57.67
5		16 31.90	59 11 5.0	1	98	5.44	10.0	16 54.21	59 14 13.6	59.26
6		19 39.22	59 15 31.9	0	0	5.44	10.2	20 1.53	59 18 40.5	59.31
7		22 49.55	59 38 15.1	— 2	42	5.46	10.3	23 11.84	59 41 18.2	59.40
		26 53.32	49 13 44.8	— 2	0					[λ ¹ Phoen.]
8	8.7	30 27.87	59 18 20.9	— 2	90	5.42	11.0	30 50.20	59 21 31.8	59.46
9	9.0	32 15.82	60 18 10.8	— 2	98	5.50	10.9	32 38.07	60 21 21.7	60.43
10		34 53.83	58 23 14.9	— 2	3	5.35	11.5	35 16.22	58 26 23.4	58.39
		36 52.69	46 30 28.5	0	3					α Phoenicis
		39 7.09	57 52 55.9	— 3	96					[λ ² Phoen.]
11	8.0	42 24.26	58 37 57.5	— 3	99	5.34	12.0	42 46.66	58 31 7.2	58.48
12	8.5	44 41.71	57 36 58.1	1	97	5.28	12.3	45 4.18	57 40 7.3	57.169
13	9.0	46 35.98	57 44 47.1	— 1	2	5.28	12.4	46 58.45	57 47 55.9	58.53
14	9.0	48 55.01	60 4 57.0	— 1	4	5.44	12.1	49 17.31	60 8 7.9	60.59
			60 56 8.9	1	5					[λ ² Tucan.]
15	8.2	55 18.02	58 48 53.8	— 2	97	5.33	12.8	55 40.44	58 52 5.0	59.64
16	8.7	58 42.66	59 36 5.2	1	3	5.37	12.9	59 5.03	59 39 16.5	59.67
17	7.8	1 17.79	58 12 9.4	2	98	5.27	13.3	1 1 40.26	58 15 20.1	58.71
		3 32.19	62 10 50.1	0	0					[λ ¹ Tucanae]
18		6 21.39	57 15 59.3	0	99	5.20	13.8	6 43.94	57 19 9.3	57.255
19	9.0	9 4.59	57 36 10.2	1	0	5.21	14.0	9 27.12	57 39 20.6	57.266
20		11 17.27	60 30 58.2	0	97	5.40	13.6	11 40.00	60 34 12.2	60.98
21		16 40.05	57 44 18.8	— 1	3	5.19	14.4	17 12.61	57 47 29.5	57.292
22	9.0	19 7.34	57 35 35.3	0	2	5.17	14.6	19 29.91	57 38 46.1	57.300
23	8.6	22 23.58	57 44 3.2	— 1	8	5.14	14.9	22 46.18	57 17 13.0	57.311
24	8.6	24 58.94	59 55 18.9	0	1	5.29	14.6	25 21.37	59 58 32.5	60.118
25	8.2	27 13.25	60 2 53.4	— 3	97	5.29	14.7	27 35.68	60 6 8.0	60.120
26	8.7	28 38.32	58 46 17.9	1	94	5.20	15.0	29 0.85	58 49 31.5	59.105
27		30 36.05	57 23 18.2	— 2	95	5.12	15.3	30 58.67	57 26 30.5	57.330
		34 8.21	57 37 12.6	2	1					α Eridani
28	9.0	36 42.10	59 35 13.1	0	95	5.22	15.3	37 4.59	59 38 28.0	59.121
29	8.9	39 27.99	59 30 23.7	0	33	5.20	15.5	39 50.50	59 33 33.1	59.129
30		41 51.02	60 5 40.9	0	10	5.22	15.5	42 6.97	60 8 54.4	60.140
31	8.7	46 22.83	58 56 25.3	1	13	5.13	16.0	46 45.42	58 59 37.5	59.149
32	8.7	48 18.19	57 44 10.7	— 1	99	5.05	16.3	48 40.88	57 47 23.9	57.367
		52 13.78	51 59 4.1	— 1	0					λ Eridani
33		53 46.89	57 18 42.8	— 2	0	5.01	16.6	54 9.61	57 21 55.7	57.380
		55 41.08	61 55 58.2	0	97					α Hydri
34	9.0	59 13.32	57 56 44.5	1	92	5.01	16.8	59 36.03	57 59 59.3	58.183
35		1 19.66	58 42 6.2	2	93	5.04	16.8	1 42.34	58 45 21.8	58.191
36	8.0	4 30.86	57 32 50.4	— 3	91	4.96	17.2	4 53.62	57 36 5.4	57.403
37		7 41.20	57 11 52.6	1	93	4.93	17.4	8 4.00	57 15 7.0	57.409
38		10 23.68	57 33 38.6	— 2	25	4.93	17.5	10 46.47	57 36 49.2	57.415
39		15 8.86	58 9 43.7	— 1	0	4.93	17.6	15 31.63	58 12 58.5	58.201
40		17 16.84	57 7 27.3	2	15	4.87	17.8	17 39.69	57 10 38.1	57.427
41		19 14.51	57 9 38.2	— 1	0	4.86	17.9	19 37.37	57 12 52.2	57.430
		22 6.80	60 38 32.2	— 2	10					[λ Horol.]
42		24 12.50	57 44 46.5	— 1	3	4.86	18.1	24 35.35	57 48 0.8	57.446

ZONA 84 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
43		2 ^h 25 ^m 28 ^s .74	57° 7' 26".3	— 3	6	-4.82	-18.2	2 ^h 25' 51".64	57° 10' 39".7	57.449
44		27 19.20	58 8 12.8	— 2	0	4.85	18.2	27 42.05	58 11 28.2	58.217
45		29 9.43	59 26 36.3	1	98	4.90	18.1	29 32.22	59 29 53.3	59.216
46		35 46.55				4.77		36 9.48		57.461
		37 53.48	68 34 39.2	— 1	3					[= Hydri]
47		39 37.32	56 57 4.9	2	2	4.73	18.8	40 0.29	57 0 19.2	57.464

ZONA 85 A

Noviembre 16 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		23 ^h 40 ^m 54 ^s .01	57° 1' 49".4	1	8	-5.27	-7.6	23 ^h 41 ^m 16 ^s .06	57° 4' 50".8	57.10343
2	8.5	43 0.58	57 37 4.5	2	97	5.31	7.6	43 22.59	57 40 8.1	57.10351
3	8.9	49 59.17	58 45 45.2	0	94	5.40	7.9	50 21.09	58 48 51.0	59.7935
4	8.2	52 36.02	59 23 30.8	— 2	95	5.45	7.9	52 57.88	59 26 38.3	59.7945
		55 6.06	66 0 7.5	0	0					= Tucanae
5	8.8	58 7.20	59 12 29.8	2	90	5.43	8.4	58 29.07	59 15 37.1	59.7954
6	8.8	0 2 30.31	60 29 49.9	— 1	98	5.53	8.4	0 2 52.08	60 32 57.8	60.1
7	8.7	4 38.50	59 29 13.2	— 1	97	5.45	8.8	5 0.27	59 32 20.4	59.5
8	8.5	6 51.72	59 20 12.3	0	7	5.44	9.0	7 13.58	59 23 18.0	59.8
9	8.5	8 51.53	60 19 53.0	— 1	98	5.51	9.0	9 13.32	60 23 1.2	60.12
10	8.5	11 28.99	59 11 59.0	1	91	5.42	9.4	11 50.87	59 15 7.3	59.19
11	9.0	14 17.76	59 53 57.0	— 2	95	5.47	9.5	14 39.58	59 57 5.6	58.23
12	8.6	15 48.05	57 35 21.6	0	2	5.30	10.1	16 10.06	57 38 27.1	57.70
13	8.7	18 1.02	58 44 25.6	— 1	4	5.38	10.0	18 22.94	58 47 32.0	59.30
14	8.9	20 17.80	58 26 19.9	1	91	5.35	10.2	20 39.74	58 29 28.1	58.23
15	8.5	22 24.69	60 18 6.6	— 2	99	5.49	10.0	22 46.49	60 21 15.7	60.33
		26 53.82	49 13 44.3	— 2	94					[1 ^a Phoen.]
16		31 43.16	60 8 15.9	— 2	97	5.46	10.7	32 4.98	60 11 25.7	60.42
17		34 21.72	57 21 12.9	1	4	5.26	11.4	34 43.76	57 24 19.1	57.131
		36 53.23	46 30 28.4	0	2					2 ^a Phoenicis
		39 7.49	57 53 1.8	— 2	25					[2 ^a Phoen.]
18	8.6	42 55.19	59 58 37.5	— 2	94	5.42	11.5	43 17.05	60 1 48.5	60.53
19	8.5	45 9.14	59 59 5.1	— 1	4	5.42	11.7	45 31.00	60 2 14.7	60.57
20	9.0	46 45.51	59 29 32.4	— 1	97	5.38	11.9	47 7.43	59 32 42.7	59.58
		51 26.81	69 56 10.1	1	4					[2 ^a Tucan.]
21		59 26.59	60 30 13.7	0	96	5.41	12.6	59 48.46	60 33 26.0	60.74
		1 3 32.66	62 10 49.9	0	97					[1 ^a Tucanae]
22	8.3	10 51.44	57 47 11.6	2	12	5.19	13.8	1 11 13.54	57 50 19.6	58.87
23	8.9	14 2.04	57 40 43.9	0	1	5.18	14.0	14 24.15	57 43 53.5	57.277
24	9.0	16 28.29	60 19 0.4	— 1	97	5.34	13.7	16 50.22	60 22 13.5	60.108
25	8.8	18 46.37	60 35 6.1	0	98	5.35	13.8	19 8.29	60 38 19.4	60.112
26	9.0	21 42.97	59 53 9.1	— 2	99	5.29	14.1	21 4.94	59 56 21.8	58.114
27	8.6	23 27.72	56 49 27.1	— 1	0	5.10	14.7	23 49.90	56 52 36.6	57.315
28	8.9	26 28.90	59 53 53.5	— 2	8	5.27	14.4	26 50.89	59 57 5.1	60.119
29	8.6	30 33.55	59 41 58.5	1	7	5.24	14.7	30 55.57	59 45 10.3	59.107

ZONA 85 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		1 ^h 34 ^m 8 ^s 59	57°37'14".3	2	2					z Eridani
30	9.0	37 24.21	59 20 53.9	0	1	-5.07	-15.4	1 ^h 37 ^m 46 ^s 42	59°24' 7".0	59.123
31	8.8	39 45.77	58 23 6.2	- 2	1	5.12	15.4	40 7.92	58 26 18.1	58.138
32	9.0	41 51.08	60 15 59.1	0	6	5.22	15.2	42 13.73	60 19 12.2	60.145
33	8.3	44 38.74	56 45 55.5	0	0	5.01	15.9	45 1.01	56 49 6.2	57.359
34	7.8	46 55.76	59 18 43.5	- 2	94	5.14	15.7	47 17.88	59 21 57.9	59.150
		52 14.23	51 59 4.9	- 1	95					z Eridani
35	8.7	53 47.49	57 18 44.8	- 2	0	5.00	16.3	54 9.77	57 21 56.6	57.380
		55 41.06	61 55 59.5	0	96					z Hydri
36	8.7	59 26.88	60 12 9.1	2	2	5.12	16.2	59 49.01	60 15 23.8	60.176
37	7.6	2 1 20.17	58 42 9.1	2	2	5.03	16.5	2 1 42.41	58 45 22.4	58.191
38	8.0	4 31.34	57 32 52.7	- 3	92	4.95	16.9	4 53.66	57 36 6.5	57.403
39	8.8	7 41.88	57 12 0.2	2	40	4.92	17.1	8 4.24	57 15 6.7	57.409
40	8.5	10 24.11	57 33 35.3	- 2	95	4.92	17.1	10 46.45	57 36 51.3	57.415
		13 3.57								[z Eridani]
41		15 9.25	58 9 44.2	- 1	97	4.92	17.3	15 31.58	58 12 58.3	58.201
42		17 17.19	57 7 27.4	2	5	4.86	17.5	17 39.72	57 10 39.3	57.427
43	8.8	19 15.00	57 9 39.4	- 1	2	4.86	17.6	19 37.41	57 12 51.9	57.430
		22 7.25	60 38 31.2	- 2	1					[λ Horol.]
44	8.7	24 12.96	57 44 47.6	- 1	1	4.85	17.8	24 35.37	57 48 1.2	57.446
45	8.8	25 29.32	57 7 33.3	- 3	43	4.82	17.9	25 51.77	57 10 40.1	57.449
46	7.5	27 19.64	58 8 14.1	- 2	95	4.85	17.9	27 42.04	58 11 29.1	58.217
47	8.3	29 9.92	59 26 37.3	1	95	4.89	17.8	29 32.28	59 29 53.7	59.216
48	8.8	30 56.27	59 0 41.0	0	28	4.86	17.9	31 18.66	59 3 52.2	59.217
49	8.7	33 57.49	59 43 13.7	- 2	89	4.87	17.9	34 19.86	59 46 31.6	59.222
50	8.8	35 46.95	57 20 21.7	0	1	4.76	18.3	36 9.45	57 23 35.3	57.461
		37 53.91	68 34 41.5	- 1	5					[z Hydri]
51	8.2	39 37.74	56 57 7.5	2	10	4.73	18.5	40 0.26	57 0 19.5	57.464
52	8.9	42 2.96	58 16 2.7	1	95	4.76	18.5	42 25.44	58 19 18.4	58.227
53	8.4	44 19.55	57 44 39.3	- 1	98	4.72	18.7	44 42.08	57 47 54.2	57.473
54	8.6	46 25.92	58 7 20.8	2	4	4.73	18.6	46 48.43	58 10 35.2	58.238
55	8.0	48 21.97	57 29 30.6	- 1	99	4.69	18.8	48 44.53	57 32 45.2	57.481
56	8.8	50 54.25	57 39 4.5	- 1	9	4.70	18.8	51 16.80	57 42 17.9	57.484
57	8.7	53 44.89	59 5 55.9	0	98	4.71	18.8	54 7.41	59 9 12.5	59.243
58	8.5	56 18.77	58 3 31.9	- 2	3	4.65	18.9	56 41.36	58 6 46.7	58.250
59	8.8	57 36.88	58 29 36.3	- 1	7	4.66	19.1	57 59.45	58 32 51.2	58.253
60	8.4	3 4 43.12	57 5 57.0	0	1	4.56	19.4	3 5 5.81	57 9 11.4	57.499
61	9.0	6 48.81	58 22 10.2	2	6	4.59	19.3	7 11.45	58 25 25.3	58.264
		9 59.61	57 35 22.1	0	9					[Horolo. 38 G]
62	8.6	13 3.46	58 5 3.2	0	96	4.53	19.5	13 26.17	58 8 19.7	58.274
63	9.0	16 27.61	58 14 18.5	- 1	96	4.51	19.6	16 50.32	58 17 35.2	58.275
64		21 57.25	57 47 58.0	- 3	96	4.46	19.8	22 20.02	57 51 14.4	57.538
65	8.6	23 55.53	59 31 52.4	1	0	4.49	19.7	24 18.26	59 35 10.1	59.275
		27 29.68	63 11 6.3	1	14					[z Reticuli]
66		29 43.96	58 1 54.4	1	5	4.40	20.0	30 6.79	58 5 9.9	58.293
67	8.4	31 17.74	58 12 29.6	2	2	4.39	20.0	31 40.57	58 15 45.8	58.295
68	9.0	33 35.67	57 33 41.0	- 2	94	4.36	20.1	33 58.54	57 36 57.8	57.556
69	8.0	35 44.02	57 30 39.6	0	7	4.34	20.2	36 6.90	57 33 54.4	57.564
70	8.6	37 41.36	58 14 30.8	- 1	20	4.34	20.2	38 4.23	58 17 44.6	58.306
71	8.4	39 37.67	58 12 58.4	- 3	94	4.32	20.2	40 0.56	58 16 16.0	58.307
		42 44.42	65 1 12.9	1	95					β Reticuli
72	8.4	44 41.67	56 53 12.5	- 2	2	4.26	20.4	45 4.63	56 56 27.6	57.572
73	8.6	46 40.25	57 10 41.0	0	7	4.25	20.4	47 3.23	57 13 55.7	57.577
74	8.5	49 25.15	56 51 13.7	1	1	4.22	20.5	49 48.15	56 54 29.0	57.586
75	8.5	51 32.77	57 17 0.4	2	1	4.21	20.5	51 55.79	57 20 16.1	57.591
76	8.5	54 32.46	58 40 48.5	0	5	4.21	20.5	54 55.47	58 44 5.3	58.330
77		56 28.92	57 17 30.5	- 3	99	4.17	20.6	56 51.98	57 20 46.7	57.606

ZONA 85 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
78	8.8	3 ^b 58 ^m 25.41	56° 51' 18.2	1	97	-4.15	-20.6	3 ^b 58 48.48	56° 54 34.1	57° 6.11
79	8.5	4 32 12.66	56 52 53.4	- 3	97	3.86	20.9	4 32 36.00	56 56 9.7	57.674
80	8.9	34 41.59	57 39 44.4	- 1	6	3.84	20.9	35 4.95	57 43 0.2	57.680
81	8.5	36 37.69	56 53 24.7	- 2	99	3.82	20.9	37 1.08	56 56 40.7	57.684
82	9.0	39 10.87	56 53 11.9	- 2	4	3.80	20.9	39 34.28	56 56 27.2	57.688
83	8.8	45 23.71	57 14 43.6	- 1	97	3.74	20.9	45 47.18	57 18 0.3	57.696
84	8.3	47 21.72	57 11 36.9	1	98	3.72	20.9	47 45.21	57 14 53.4	57.705
85	8.6	50 44.98	57 54 54.4	- 1	0	3.69	20.8	51 8.49	57 58 11.4	58.436
86	8.6	53 24.52	57 30 25.4	0	5	3.67	20.8	53 48.04	57 33 41.1	57.715
87	9.0	54 42.24	56 59 31.7	- 1	1	3.66	20.8	55 5.77	57 2 47.5	57.717
88		58 21.02	57 40 42.3	0	97	3.63	20.8	58 44.58	57 43 59.4	57.721
89		59 48.88	58 35 15.2	0	5	3.60	20.8	5 0 12.46	58 38 32.1	58.452
90		5 1 43.64	58 30 36.2	0	1	3.58	20.7	2 7.24	58 33 53.6	58.456
		3 38.52	57 32 6.6	2	0					[² Doradus]
		13 25.41	67 13 26.7	- 2	0					⁶ Doradus

ZONA 86 A

Noviembre 17 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	9.0	23 ^b 49 ^m 59.75	58 45 46.6	0	14	-5.37	- 7.7	23 ^b 50 ^m 21.12	58° 48' 50.8	59° 79.35
2	9.0	51 53.21	58 15 2.9	0	6	5.33	8.0	52 14.61	58 18 7.9	58.8116
		55 6.61	66 0 6.1	0	1					[±] Tucanae
3	8.5	57 58.02	58 3 38.0	- 2	98	5.32	8.5	58 19.43	58 6 44.5	58.8126
4	8.6	0 3 43.97	57 37 18.8	2	99	5.29	9.0	0 4 5.41	57 40 25.2	57.10
5	8.7	6 7.27	59 36 7.3	1	99	5.43	8.7	6 28.56	59 39 15.7	59.6
6	8.0	7 27.13	58 56 53.5	1	1	5.38	9.0	7 48.48	59 0 1.0	59.10
7	9.0	9 23.37	57 17 18.4	2	5	5.26	9.5	9 44.84	57 20 24.0	57.43
		15 15.30	65 19 33.1	- 1	0					⁵ Tucanae
8		20 58.94	58 51 45.8	1	4	5.36	10.0	21 20.28	58 54 53.9	59.34
9		21 49.61	59 13 14.9	- 2	33	5.38	9.9	22 10.34	59 16 19.1	59.37
10	8.4	25 37.82	60 13 2.3	- 2	2	5.45	10.0	25 59.08	60 16 12.3	60.39
11	8.9		57 23 16.5	- 2	95		10.8		57 26 24.9	57.110
12	8.8	30 16.03	57 39 17.7	- 1	0	5.26	10.9	30 37.49	57 42 25.8	57.116
13	8.4	34 35.62	56 46 17.2	1	99	5.20	11.4	34 57.14	56 49 24.9	57.133
		36 53.77	46 30 27.3	0	4					² Phoenicis
		39 8.06	57 52 55.9	- 3	0					[² Phoen.]
14	8.8	41 27.80	57 43 40.3	- 2	98	5.25	11.6	41 49.26	57 46 49.5	57.157
15		42 55.72	59 58 36.7	- 2	96	5.40	11.3	43 17.02	60 1 48.6	60.54
16	8.0	45 48.37	57 48 8.2	- 2	0	5.25	11.9	46 9.83	57 51 17.5	58.51
17		48 8.16	59 25 1.9	0	96	5.35	11.8	48 29.51	59 28 13.5	59.60
		51 27.48	69 56 8.6	1	0					[² Tucan.]
18	8.5	55 19.02	58 48 53.7	- 2	99	5.29	12.2	55 40.44	58 52 4.7	59.64
19	8.4	58 31.37	57 45 4.0	0	3	5.21	12.8	58 52.87	57 48 13.8	58.65
20	8.5	1 0 37.28	58 50 52.3	0	96	5.27	12.7	1 0 58.72	58 54 4.3	59.70
		3 33.27	62 10 49.0	0	97					[¹ Tucanae]

ZONA 86 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
21		1 ^b 6 ^m 15 ^s 39	58° 5' 48.3	0	3	-5.21	-13.2	1 ^b 6 ^m 36.88	58° 8' 58.8	58.81
22	8.8	7 3.22	60 10 21.2	0	0	5.34	12.9	7 24.57	60 13 34.3	60.90
23	8.4	10 51.95	57 47 11.6	2	24	5.18	13.5	11 13.47	57 50 19.1	58.87
24		18 30.58	59 31 18.1	1	99	5.26	13.7	18 52.01	59 34 31.4	59.91
25		21 43.55				5.26		22 4.98		60.114
26		23 28.35	56 49 25.6	- 1	3	5.08	14.5	23 49.97	56 52 36.0	57.315
27		27 14.19	60 2 56.7	- 3	22	5.26	14.1	27 35.62	60 6 7.7	60.120
28		30 28.16	60 23 50.7	- 2	99	5.26	14.3	30 49.58	60 27 5.7	60.125
29		32 45.08	59 18 47.4	- 2	99	5.19	14.6	33 6.57	59 22 1.5	59.110
30		35 32.63	56 48 41.3	- 2	91	5.04	15.2	35 54.28	56 51 54.1	57.337
31		39 29.20	59 30 21.0	0	10	5.17	14.9	39 50.71	59 33 34.0	59.129
32	8.5	41 45.44	60 5 38.4	0	88	5.19	15.0	42 6.85	60 8 55.4	60.144
33		44 39.29	56 45 54.3	0	0	5.00	15.7	45 0.98	56 49 6.2	57.359
34		47 49.49	60 20 24.3	0	40	5.18	15.3	48 12.99	60 23 34.3	60.149
35			57 0 51.1	0	2		15.9		57 4 3.3	57.371
36		52 14.71								z Eridani
		53 28.31	58 50 13.0	0	92	5.06	15.8	53 51.93	58 53 28.7	59.168
		55 42.20								z Hydri
37		57 29.73	60 33 25.9	- 2	94	5.14	15.8	57 51.25	60 36 43.4	60.173
38		2 18.99	58 29 58.1	- 1	0	5.00	16.3	2 40.66	58 33 12.7	58.192
39	9.0	4 40.58	58 41 46.1	1	1	5.00	16.4	5 2.26	58 45 1.0	58.196
40	8.8	8 13.13	58 22 7.5	2	33	4.96	16.6	8 34.84	58 25 17.5	58.199
41	8.4	10 26.16	57 41 32.9	1	6	4.92	16.9	10 47.92	57 44 46.2	57.416
		13 4.22	51 51 28.4	1	6					[z Eridani]
42	8.9	16 26.02	56 16 21.2	1	99	4.87	17.2	16 47.82	57 19 35.4	57.426
43	9.0	18 16.93	56 50 51.5	0	95	4.84	17.3	18 38.76	56 54 6.0	57.428
44	8.8	19 51.52	57 30 51.2	0	1	4.86	17.3	20 13.32	57 34 5.6	57.433
		22 7.87	60 38 30.4	- 2	2					[z Horol.]
45	8.8	23 57.37	58 49 13.1	- 1	31	4.89	17.3	24 19.15	58 52 24.7	59.210
46		25 9.16	57 58 54.2	- 2	5	4.85	17.5	25 30.98	58 2 8.7	58.215
47	8.4	28 34.76	56 55 37.9	0	3	4.79	17.8	28 56.64	56 58 51.7	57.454
48	8.7	30 18.94	57 20 58.8	0	2	4.79	17.8	30 40.81	57 24 13.4	57.455
49	8.6	32 32.55	60 0 17.1	0	5	4.89	17.5	32 54.32	60 3 34.1	60.204
50	8.6	34 5.68	58 14 47.2	- 1	91	4.80	17.8	34 27.54	58 18 4.4	58.221
51	8.7	35 47.64	57 20 19.2	0	98	4.76	18.0	36 9.54	57 23 34.5	57.461
		37 54.36	68 34 39.8	- 1	5					[z Hydri]
52	8.9	41 50.14	57 47 55.9	- 3	3	4.74	18.2	42 12.07	57 51 11.2	57.226
53	8.9	43 59.73	58 31 57.3	1	0	4.75	18.2	44 21.74	58 35 13.9	58.234
54	8.0	45 54.21	58 56 53.2	1	1	4.75	18.2	46 16.12	59 0 10.2	59.234
55	8.4	49 25.99	57 17 20.3	2	94	4.67	18.5	49 47.98	57 20 36.7	57.482
56	8.8	50 54.68	57 39 7.1	- 1	35	4.67	18.5	51 16.67	57 42 17.9	57.484
57	8.0	53 13.70	60 1 37.6	1	4	4.74	18.4	53 35.61	60 4 55.3	60.229
58	8.5	55 14.66	57 50 46.9	0	20	4.60	18.7	55 36.72	57 54 0.3	58.248
59	8.3	57 25.73	58 31 27.9	1	94	4.66	18.7	57 47.72	58 34 45.8	58.251
		3 1 13.14	60 1 0.7	1	25					z Horoljii
60	8.4	4 18.29	60 23 8.1	- 2	96	4.67	18.7	3 4 40.27	60 26 28.0	60.241
61	8.0	6 24.85	60 44 55.2	- 1	97	4.67	18.8	6 46.83	60 48 15.5	60.243
62		8 7.89	58 4 49.4	- 1	23	4.57	19.1	8 29.97	58 8 3.0	58.255
		10 0.12	57 35 18.8	0	93					[Horolo. 38 G]
63		12 33.36	59 46 33.6	1	0	4.59	19.0	12 55.41	59 49 52.6	59.263
64	8.8	15 35.50	59 51 59.0	1	5	4.57	19.1	15 57.57	59 55 17.4	60.246
65	8.2	17 53.41	60 44 58.0	- 1	5	4.58	19.1	18 15.47	60 48 17.4	60.248
66	9.0	20 23.77	58 5 50.0	0	99	4.48	19.4	20 45.93	58 9 7.5	58.278
67	7.6	21 57.81	57 48 2.4	- 2	28	4.46	19.5	22 20.00	57 51 15.4	57.538
68	8.0	24 49.94	58 34 7.7	- 1	1	4.46	19.5	25 12.12	58 37 25.5	58.283
		27 30.32	63 11 2.1	1	99					[x Reticuli]
69	8.1	29 26.85	58 20 5.6	0	98	4.41	19.6	29 49.08	58 23 23.8	58.292

ZONA 86 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
70	8.4	3 ^b 32 ^m 21 ^s 45	57°57' 7.7	2	0	-4.38	-19.7	3 ^b 32 ^m 43 ^s 72	58° 0' 25.2	58° 298
71	8.8	34 15.62	57 46 46.4	1	2	4.36	19.8	34 37.91	57 50 3.5	57.560
72	8.4	36 1.42	57 51 59.8	1	3	4.35	19.8	36 23.71	57 55 16.8	58.304
73	8.3	37 41.87	58 14 24.5	— 1	90	4.35	19.8	38 4.15	58 17 43.9	58.306
74	9.0	40 13.86	58 38 0.9	— 2	3	4.33	19.9	40 36.16	58 41 18.9	58.308
		42 44.98	65 1 12.6	1	2					β Reticuli
75	9.0	45 8.82	58 17 7.8	2	93	4.29	20.0	45 31.16	58 20 27.0	58.311
76	8.5	46 31.92	58 12 40.0	— 3	2	4.27	20.0	46 54.28	58 15 57.8	58.316
77	8.7	49 16.35	58 46 30.2	1	94	4.26	20.0	49 38.73	58 49 49.9	58.320
78	8.9	51 37.90	59 36 48.3	1	99	4.26	20.0	52 0.27	59 40 8.2	59.293
79		54 11.63	65 47 8.2	2	12	4.26	20.0	54 34.00	60 50 27.6	60.276
80	8.4	56 2.85	56 56 53.1	1	97	4.18	20.2	56 25.31	57 0 10.4	57.603
81		58 42.18	58 50 47.2	0	98	4.18	20.0	59 4.64	58 54 6.4	59.298

ZONA 87 A

Noviembre 24 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.8	0 ^b 30 ^m 25 ^s 55	58° 21' 55.0	1	98	-5.14	-9.4	0 ^b 30 ^m 43 ^s 44	58° 25' 17.1	58° 31
2		34 30.64	57 5 11.9	0	93	5.06	9.9	34 48.62	57 8 17.8	57.132
		36 57.43	46 30 29.1	0	95					α Phoenicis
		39 11.53	57 52 58.8	— 3	96					[γ Phoen.]
3	8.8	41 31.29	57 43 43.7	— 2	97	5.09	10.2	41 49.23	57 46 50.1	57.156
4		43 32.24	57 19 47.4	— 1	0	5.06	10.4	43 50.21	57 22 53.1	57.166
5	9.0	45 51.74	57 48 12.4	— 2	5	5.08	10.5	46 9.69	57 51 17.9	58.51
6	8.0	47 46.48	56 59 45.1	— 1	0	5.04	10.7	48 4.47	57 2 51.7	57.179
7		50 13.66	57 49 4.3	— 1	98	5.08	10.7	50 31.60	57 52 11.1	58.55
8	8.5	52 23.26	58 0 0.8	0	98	5.08	10.8	52 41.20	58 3 8.4	58.56
9		54 7.17	58 6 50.0	1	92	5.09	11.9	54 25.10	58 9 58.1	58.58
10		56 24.14	57 20 20.6	0	98	5.04	11.2	56 42.12	57 23 26.3	57.213
11		58 5.80	57 24 48.4	— 1	94	5.04	11.3	58 23.78	57 27 55.9	57.220
12		59 30.58	60 30 14.8	0	91	5.22	10.7	59 48.37	60 33 25.8	60.72
		1 56.42	47 7 46.9	— 3	4					β Phoenicis
		3 36.69	62 10 53.1	0	99					[γ Tucanae]
13		6 14.54	57 24 39.3	— 1	0	5.03	11.7	6 32.53	57 27 46.3	57.254
14		11 43.84	57 39 12.2	— 1	15	5.03	12.0	12 1.83	57 42 18.2	57.271
15		14 6.34	57 40 45.6	0	97	5.02	12.1	14 24.34	57 43 53.8	57.277
16		16 37.46	60 28 21.1	— 2	4	5.17	11.7	16 55.30	60 31 31.1	60.107
17		19 41.27	57 52 35.6	— 3	1	5.02	12.4	19 59.26	57 55 44.7	58.101
		24 19.39	43 42 34.5	— 3	0					[γ Phoen.]
18		26 32.95	59 53 54.1	— 2	2	5.11	12.4	26 50.83	59 57 4.4	60.117
19		35 31.82	58 57 50.8	— 3	97	5.03	13.0	35 49.80	59 1 1.4	59.114
20		37 28.23	59 20 55.0	0	93	5.04	13.1	37 46.19	59 24 6.6	59.123
21		39 14.85	58 47 33.3	2	94	5.01	13.3	39 32.85	58 50 44.3	59.127

ZONA 88 A

Noviembre 29 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.	A. R. 1914.0	Decl. 1914.0	C. P. D.
1		0°30'27.24	58°21'53.5	1	90	-5.60 — 8.6	0°30'43.47	58°24'58.1	58.31
2		34 32.37	57 5 11.2	0	90	4.93 9.1	34 48.69	57 8 17.4	57.132
		36 59.09	46 30 29.8	0	0				α Phoenicis
		39 13.20	57 53 0.0	- 2	4				[x Phoen.]
3	8.9	41 33.02	57 43 44.8	- 2	3	4.96 9.3	41 49.30	57 46 50.5	57.157
4	9.0	43 33.92	57 19 47.4	- 1	0	4.94 9.5	43 50.22	57 22 52.9	57.166
5	8.0	45 53.37	57 48 11.9	- 2	2	4.96 9.6	46 9.65	57 51 17.6	58.51
6	8.4	47 48.11	56 59 47.8	- 1	16	4.92 9.8	48 4.44	57 2 50.9	57.179
7	8.1	50 15.29	57 49 4.7	- 1	1	4.96 9.8	50 31.57	57 52 10.9	58.55
8		52 24.97	58 0 1.4	0	5	4.96 9.9	52 41.25	58 3 7.3	58.56
9	8.0	54 8.99	58 6 53.3	1	16	4.97 10.0	54 25.15	58 9 57.8	58.58
10	8.0	56 25.81	57 20 28.8	0	95	4.92 10.2	56 42.12	57 23 35.7	57.213
11		58 7.47	57 24 48.8	- 1	98	4.89 10.3	58 23.81	57 27 55.5	57.220
12		59 32.23				5.09	59 48.36		60.74
		1 58.17	47 7 46.4	- 3	3				β Phoenicis
		3 38.38	62 10 50.6	0	90				[γ Tucanae]
13		6 16.22	57 24 39.1	- 1	98	4.91 10.7	6 32.54	57 27 46.2	57.254
14		8 35.68	57 46 3.7	1	3	4.93 10.8	8 51.98	57 49 10.5	58.84
15	8.4	11 45.57	57 39 9.2	- 1	2	4.91 11.0	12 1.89	57 42 15.1	57.271
16	8.9	14 7.95	57 40 48.9	0	23	4.91 11.1	14 24.27	57 43 52.9	57.277
17	8.0	16 39.06	60 28 20.8	- 2	6	5.05 10.7	16 55.23	60 31 30.3	60.110
18		19 43.05	57 52 37.1	2	9	4.91 11.3	19 59.37	57 55 43.7	58.101
19	8.5	22 13.26	59 43 44.2	- 2	1	5.00 11.1	22 29.47	59 46 53.9	59.96
			43 42 34.9	- 3	0				[γ Phoen.]
20	9.0	26 34.62	59 53 54.1	- 2	0	4.99 11.3	26 50.84	59 57 4.3	60.118
21		29 57.64	57 57 53.7	- 3	98	4.89 11.8	30 13.98	58 1 2.4	58.116
22		31 45.31	58 31 33.8	1	8	4.91 11.8	32 1.63	58 34 41.7	58.123
23		33 19.48	58 39 23.1	- 1	92	4.91 11.8	33 35.80	58 42 33.5	58.126
24		35 33.40	58 57 51.8	- 3	2	4.96 11.9	35 49.66	59 1 1.2	59.114
25	9.0	37 30.14	59 20 57.5	0	10	4.93 11.9	37 46.42	59 24 6.2	59.123
26		39 16.56	58 47 34.8	2	4	4.91 12.1	39 32.87	58 50 43.7	59.127
27			59 9 1.1	- 1	0			59 12 11.2	59.132
28		42 46.84	57 7 53.5	- 3	71	4.82 12.5	43 3.25	57 11 5.8	57.350
29		45 19.40	57 31 10.3	1	6	4.83 12.5	45 35.79	57 34 18.1	57.361
30		48 24.54	57 44 15.0	- 1	3	4.83 12.6	48 40.93	57 47 23.5	57.367
31		50 54.96	58 17 21.3	2	6	4.84 12.7	51 11.33	58 20 30.1	58.166
32		52 1.88	58 43 6.8	- 2	90	4.86 12.6	52 18.24	58 46 18.4	58.172
33		53 53.17	57 18 47.8	- 2	1	4.80 12.9	54 9.60	57 21 56.5	57.380
		55 47.41	61 56 2.4	1	93				z Hydri
34	9.0	59 19.59	57 56 52.3	1	15	4.80 13.1	59 36.01	57 59 59.7	58.183
35	9.0	2 54.36	58 24 38.8	- 1	97	4.81 13.1	3 10.76	58 27 49.5	58.193
36		4 27.99	60 2 3.4	2	1	4.87 12.9	4 44.33	60 5 15.2	60.186
37	8.8	7 57.82	59 49 43.9	- 1	99	4.85 13.1	8 14.17	59 52 55.9	60.190
38	8.3	9 54.31	59 38 18.3	- 2	98	4.83 13.2	10 11.69	59 41 30.4	59.199
39	8.7	11 55.73	57 16 6.3	1	0	4.73 13.7	12 12.23	57 19 15.8	57.420
40		13 3.44	56 59 48.5	- 1	8	4.72 13.8	13 19.95	57 2 56.6	57.422
41	8.9	16 4.10	59 33 39.8	- 2	1	4.80 13.5	16 20.51	59 36 51.6	59.202
42	8.3	18 11.51	58 1 31.6	1	2	4.74 13.8	18 27.98	58 4 41.8	58.204
43	8.6	20 9.63	56 53 0.0	- 2	3	4.69 14.0	20 26.16	56 56 8.5	57.434
		22 13.14	60 38 36.4	- 2	4				[z Horol.]
44		25 7.49	58 28 15.7	- 2	97	4.72 14.0	25 23.97	58 31 27.4	58.214
45	8.9	27 31.17	59 27 4.4	2	21	4.75 13.9	27 47.62	59 30 13.6	59.213

ZONA 88 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
46		2 ^h 30 ^m 9 ^s .00	58° 13' 0".0	— 2	0	—4.70	—14.2	2 ^h 30 ^m 25.50	58° 16' 10".8	58.219
47		32 37.95	60 0 22.2	0	1	4.75	14.0	32 54.40	60 3 35.1	60.208
48	9.0	34 54.13	56 54 8.2	— 1	3	4.63	14.5	35 10.72	56 57 17.7	57.460
		37 59.70	68 34 44.8	— 1	0					[* Hydri]
49	9.0	41 36.34	60 21 55.8	1	5	4.72	14.3	41 52.82	60 25 8.8	60.214
50		43 21.31	59 42 4.5	2	5	4.68	14.4	43 37.82	59 45 16.9	59.232
51		45 35.37	57 58 6.2	— 2	28	4.62	14.7	45 51.96	58 1 13.4	58.236
52	8.9	49 34.46	57 1 54.2	1	35	4.58	14.9	49 51.10	57 4 59.6	57.483
53	8.0	53 19.08	60 1 42.6	1	97	4.64	14.7	53 35.64	60 4 55.9	60.229
54	8.0	55 8.96	59 11 42.9	1	2	4.61	14.8	55 25.55	59 14 55.5	59.247
55	8.9	57 39.64	57 55 35.3	0	92	4.56	15.1	57 56.29	57 58 48.1	58.252
		3 1 18.48	60 1 1.5	1	90					2 Horoljii
56	8.8	5 25.51	59 3 58.9	— 2	33	4.55	15.1	3 5 42.16	59 7 7.1	59.253
57	8.6	7 12.36	59 1 17.3	1	6	4.54	15.2	7 29.02	59 4 29.5	59.255
58	8.9	9 48.58	57 58 18.2	— 2	3	4.50	15.4	10 5.29	58 1 29.8	58.269
59		11 25.50	57 11 3.9	1	10	4.47	15.5	11 42.25	57 14 13.7	57.517
60	9.0	12 47.52	59 27 23.6	2	91	4.52	14.8	13 4.20	59 30 35.5	59.264
		16 12.89	43 20 55.8	0	2					[e Eridani]
61	8.4	19 7.28	59 53 40.1	— 2	11	4.49	15.4	19 23.97	59 56 52.9	60.253
62		21 8.71	59 5 1.4	0	1	4.46	15.5	21 25.44	59 8 14.8	59.272
63		26 0.97	58 7 30.7	2	8	4.41	15.7	26 17.75	58 10 42.1	58.285
64	9.0	28 26.77	58 22 14.2	2	28	4.40	15.7	28 43.56	58 25 23.0	58.288
65		32 3 38	60 22 25.6	2	3	4.43	15.6	32 20.14	60 25 40.3	60.262
66	8.9	34 13.73	58 19 1.0	— 1	6	4.37	15.8	34 30.55	58 22 13.0	58.300
67		36 9.96	60 0 11.1	0	3	4.39	15.7	36 26.76	60 3 25.4	60.266
68	8.5	37 25.43	60 18 16.0	— 2	94	4.39	15.7	37 42.23	60 21 32.0	60.268
69		40 5.33	60 12 53.3	— 3	94	4.37	15.8	40 22.15	60 16 9.3	60.271
		42 50.35	65 1 18.3	1	98					3 Reticuli
70		45 35.00	57 50 25.4	0	0	4.30	16.1	45 51.90	57 53 37.9	58.313
71		48 40.14	60 37 54.1	— 3	95	4.32	15.9	48 57.00	60 41 10.6	60.275
72		52 38.83	58 8 13.7	— 2	0	4.26	16.1	52 55.75	58 11 26.7	58.325
73		55 12.37	57 37 24.7	2	1	4.23	16.2	55 29.33	57 40 37.1	57.600
74		59 35.25	57 24 6.2	— 1	2	4.20	16.3	59 52.24	57 27 18.2	57.612

ZONA 89 A

Diciembre 1° de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		1 ^h 16 ^m 39 ^s .77	60° 28' 19".8	— 2	92	—4.99	—10.3	1 ^h 16 ^m 55 ^s .27	60° 31' 31".0	60.110
2		19 43.78	57 52 38.7	2	15	4.86	10.9	19 59.43	57 55 44.2	58.101
3	8.7	22 13.89	59 43 44.5	— 2	99	4.94	10.7	22 29.44	59 46 54.2	59.96
		24 21.72	43 42 36.0	— 3	5					[γ Phoen.]
4	8.9	26 35.30	59 53 56.0	— 2	13	4.94	10.8	26 50.85	59 57 4.1	60.118
5	8.3	29 58.34	57 57 55.4	— 3	6	4.84	11.4	30 14.00	58 1 3.6	58.116
6		31 46.02	58 31 31.9	1	95	4.86	11.3	32 1.65	58 34 41.5	58.123
7		33 20.15	58 39 23.5	— 1	92	4.86	11.4	33 35.78	58 42 33.7	58.126
8		35 34.11	58 57 50.7	— 3	92	4.87	11.4	35 49.74	59 1 1.3	59.114

ZONA 89 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
9	9.0	1 ^h 37 ^m 30. ^s 63	59° 20' 56.0	0	95	-4.89	-11.4	1 ^h 37 ^m 46. ^s 23	59° 24' 6.7	59° 123
10		39 17.21	58 47 35.1	- 3	2	4.86	11.6	39 32.84	58 50 44.2	59.127
11	8.5		59 9 2.2	- 1	3		11.6		59 12 11.6	59.132
12	8.8	42 47.69	57 7 57.8	- 3	96	4.78	12.1	43 3.42	57 11 6.3	57.350
13		45 20.07	57 31 9.9	1	97	4.79	12.1	45 35.78	57 34 18.8	57.361
14	8.7	48 25.11	57 44 14.7	- 1	97	4.79	12.2	48 40.82	57 47 23.9	57.367
15	8.0	50 55.68	58 17 20.6	2	97	4.80	12.2	51 11.37	58 20 30.4	58.166
16	8.7		58 43 10.6	- 2	15		12.2		58 46 18.3	58.172
17	8.6	53 53.91	57 18 49.5	- 2	9	4.76	12.5	54 9.66	57 21 56.8	57.380
		55 48.05	61 56 3.9	1	94					z Hydri
18	9.0	59 20.21	57 56 50.2	1	94	4.76	12.6	59 35.95	58 0 0.6	58.183
19	8.5	2 23.28	59 31 26.3	1	92	4.81	12.4	2 38.96	59 34 38.7	59.186
20	8.0	4 37.86	57 32 57.5	- 3	3	4.73	12.9	4 53.62	57 36 6.3	57.403
21	8.0	8 13.26	59 30 12.9	0	3	4.79	12.7	8 28.95	59 33 23.8	59.196
22	8.9	11 15.99	56 55 45.5	0	94	4.69	13.2	11 29.71	56 58 55.3	57.417
		13 10.24	51 51 33.3	1	7					[z Eridani]
23	8.5	15 15.84	58 9 49.1	- 1	97	4.71	13.1	15 31.61	58 13 0.2	58.201
24	8.8	17 18.90	58 11 31.2	1	1	4.72	13.2	17 34.66	58 14 41.5	58.203
25	8.3	20 10.29	56 53 0.0	- 2	2	4.66	13.5	20 26.13	56 56 8.8	57.435
		22 13.88	60 38 36.3	- 2	5					[z Horolo.]
26	8.9	24 56.02	58 21 42.4	1	0	4.69	13.4	25 11.81	58 24 53.3	58.213
27	8.7	27 31.00	60 39 34.7	- 1	98	4.76	13.2	27 46.70	60 42 48.3	60.202
28		28 54.16	59 11 53.3	1	2	4.70	13.5	29 9.94	59 15 4.9	59.215
29	8.8	31 2.92	59 0 40.7	0	96	4.68	13.5	31 18.72	59 3 51.8	59.217
30	8.7	34 11.73	58 14 54.9	- 1	7	4.65	13.8	34 27.56	58 18 4.9	58.221
31	7.8	37 18.37	57 58 59.9	- 2	7	4.63	13.9	37 34.23	58 2 9.8	58.224
32	8.4	39 38.02	60 22 37.4	- 3	0	4.69	13.6	39 53.80	60 25 50.7	60.209
33	8.9	43 0.87	58 0 48.3	0	4	4.60	14.1	43 16.76	58 3 58.8	58.232
34	8.9	46 26.63	59 6 25.3	1	98	4.62	14.0	46 42.48	59 9 37.9	59.235
35	8.0	49 21.75	60 33 18.6	- 2	95	4.65	13.9	49 37.55	60 36 33.2	60.224
36	8.6	51 0.79	57 39 7.3	- 1	99	4.56	14.3	51 16.71	57 42 18.3	57.484
37	8.0	53 19.76	60 1 43.2	1	99	4.61	14.1	53 35.61	60 4 56.8	60.229
38	8.4	55 9.58	59 11 44.7	1	10	4.58	14.2	55 25.47	59 14 55.9	59.247
39	8.0	57 49.87	60 6 22.3	1	98	4.59	14.2	58 5.74	60 9 36.3	60.232
		3 1 19.24	60 1 3.0	1	3					z Horolajii
40	8.6	6 8.38	59 38 53.7	- 2	2	4.53	14.5	3 6 24.32	59 42 6.8	59.254
41		8 24.33	57 58 16.5	- 2	4	4.49	14.7	8 40.32	58 1 27.5	58.266
42		10 6.24	57 35 24.2	0	94	4.46	14.8	10 22.26	57 38 36.4	57.513
43	8.3	11 44.44	59 22 38.3	- 3	0	4.56	14.6	12 0.35	59 25 51.5	59.262
		15 13.59	43 20 56.2	0	7					[z Eridani]
44		17 59.60	60 45 4.9	0	11	4.50	14.6	18 15.55	60 48 18.1	60.248
45		22 3.96	57 48 3.3	- 2	0	4.32	15.0	22 20.12	57 51 15.0	57.538
46	8.2	24 56.09	58 34 13.0	- 1	96	4.41	15.0	25 12.15	58 37 26.2	58.283
		27 36.43	63 11 6.6	1	3					[z Reticuli]
47		29 30.79	58 37 30.9	- 3	3	4.39	15.1	29 46.87	58 40 43.2	58.291
48		30 53.98	58 10 40.0	0	90	4.37	15.1	31 10.07	58 13 53.8	58.294
49		32 54.93	58 2 34.1	- 3	3	4.36	15.2	33 11.04	58 5 45.8	58.299
50	8.8	34 42.12	57 2 14.6	2	8	4.34	15.3	34 58.26	57 5 24.6	57.562
51	8.7	39 54.71	60 24 24.2	- 1	5	4.36	15.1	40 10.80	60 27 32.4	60.265
		42 50.96	65 1 19.2	1	9					z Reticuli
52		46 3.84	58 25 41.8	0	91	4.29	15.4	46 20.01	58 28 56.0	58.315
53	8.9	49 26.66	59 27 3.8	2	91	4.29	15.3	49 42.83	59 30 19.2	59.292
54	8.4	51 39.54	57 17 3.7	2	95	4.25	15.5	51 55.77	57 20 16.2	57.591
55		52 51.41	58 35 10.8	0	3	4.25	15.4	53 7.62	58 38 23.5	58.328
56	9.0	55 15.99	57 11 21.4	1	96	4.22	15.6	55 32.25	57 14 32.5	57.601
57	8.5	56 18.63	57 4 14.7	- 1	97	4.22	15.6	56 34.89	57 7 26.6	57.605
58	8.9	58 48.46	59 13 13.0	- 2	99	4.22	15.4	59 4.70	59 16 28.0	59.292

ZONA 90 A

Diciembre 2 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		0 ^b 40 ^m 14 ^s 10	57°52'58.3	— 3	85					[z Phoen.]
		42 20.46	58 20 50.8	0	28	—4 ^s 91	— 8 ^s 8	0 ^b 42 ^m 35 ^s 78	58 23'51.8	58°47'
2	8.8	44 38.17	59 18 49.6	— 2	99	4.88	8.7	44 53.52	59 21 55.9	59.57
3	8.5	46 48.65	57 26 40.4	1	18	4.86	9.2	47 4.03	57 29 42.2	57.174
		51 33.43	60 56 13.8	1	1					[z Tucan.]
4		54 9.79	58 6 51.9	1	98	4.89	9.4	54 25.14	58 9 57.6	58.58
5	8.7	56 2.18	56 54 50.1	— 1	90	4.83	9.8	56 17.59	56 57 56.0	57.212
6	8.7	59 10.11	57 19 6.1	— 1	5	4.84	9.8	59 25.52	57 22 10.4	57.221
		1 58.99	47 7 46.9	— 3	89					2 Phoenicis
7		5 32.12	57 0 5.7	0	95	4.82	10.2	1 5 47.54	57 3 11.4	57.251
8	8.4	8 36.52	57 46 4.8	1	99	4.85	10.2	8 51.91	57 49 11.4	58.84
9	8.5	11 46.64	57 39 10.6	— 1	97	4.84	10.4	12 2.04	57 42 17.5	57.271
10	8.9	14 8 8.5	57 40 47.1	0	96	4.84	10.5	14 24.25	57 43 53.7	57.277
11	8.9	15 58.87	57 1 0.0	1	0	4.81	10.7	16 14.30	57 4 5.5	57.288
12		18 36.78	59 31 22.8	1	95	4.92	10.3	18 52.09	59 34 31.6	59.91
13	8.5	20 11.69	57 0 5.5	0	99	4.80	10.9	20 27.12	57 3 11.3	57.302
14	8.8	21 56.82	57 32 11.6	2	97	4.82	10.9	22 12.23	57 35 18.2	57.309
15	8.9	24 8.38	59 39 53.4	— 1	1	4.91	10.6	24 23.69	59 43 1.7	59.99
16	8.8	26 35.48	59 53 55.3	— 2	98	4.92	10.6	26 50.77	59 57 4.4	60.119
17	8.0	28 7.67	59 58 58.1	— 2	96	4.92	10.7	28 22.96	60 2 8.2	60.121
18	8.0	29 58.58	57 57 56.6	— 3	1	4.82	11.1	30 13.99	58 1 3.5	58.116
19		31 46.30	58 31 34.5	1	98	4.84	11.1	32 1.68	58 34 42.4	58.123
		34 15.34	57 37 17.2	2	98					z Eridani
20	8.6	36 35.57	58 44 18.5	— 1	98	4.84	11.3	36 50.95	58 47 26.8	58.133
21	8.4	38 20.06	58 59 26.3	— 1	7	4.84	11.3	38 35.44	59 2 33.7	59.124
22	9.0	41 43.45	59 38 23.2	— 2	1	4.86	11.3	41 58.81	59 41 33.3	59.133
23	8.5	45 20.37	57 31 12.3	1	3	4.77	11.9	45 35.83	57 34 19.1	57.361
24	8.0	47 2.55	59 18 48.9	— 2	0	4.84	11.6	47 17.93	59 21 58.0	59.150
25	9.0	49 11.20	60 41 40.1	1	2	4.84	11.4	49 26.56	60 44 50.3	60.154
		52 21.15	51 59 9.8	— 1	0					z Eridani
26	8.7	54 42.03	59 42 49.1	— 3	0	4.83	11.9	54 57.41	59 45 59.0	59.172
27	9.0	57 35.84	60 33 33.9	— 2	6	4.86	11.8	57 51.18	60 36 43.8	60.173
28	8.5	59 34.67	57 57 25.6	2	97	4.74	12.3	59 50.16	58 0 34.3	58.184
29	8.4	2 8.48	59 51 55.8	1	1	4.81	12.1	2 23.88	59 55 5.9	60.179
30	8.9	4 41.91	58 41 53.0	1	1	4.75	12.4	5 2.37	58 45 2.0	58.196
31	8.7	8 19.30	58 22 8.9	2	4	4.73	12.6	8 34.78	58 25 17.2	58.199
32	8.6	10 22.18	59 54 56.6	— 1	96	4.78	12.4	10 37.60	59 58 7.8	60.190
		13 10.58	51 51 32.5	1	0					[z Eridani]
33	9.0	16 5.10	59 33 41.5	— 2	5	4.75	12.7	16 20.56	59 36 51.3	59.202
34	8.6	17 43.08	58 49 21.1	— 1	1	4.71	12.9	17 58.58	58 52 30.7	59.204
35	7.8	20 26.49	57 9 6.8	— 1	98	4.65	13.2	20 42.06	57 12 15.3	57.436
		22 14.12	60 38 36.3	— 2	96					[z Horolo.]
36	8.7	25 36.09	57 7 32.1	— 3	97	4.63	13.4	25 51.68	57 10 40.9	57.449
37		27 26.52	58 8 18.3	— 2	89	4.65	13.3	27 42.08	58 11 29.3	58.217
38	8.5	28 41.75	59 28 36.2	— 2	5	4.69	13.1	28 57.27	59 31 46.2	59.214
39	8.6	32 38.80	60 0 23.3	0	0	4.69	13.2	32 54.31	60 3 34.7	60.204
40	8.6	34 4.25	59 43 21.6	— 2	0	4.68	13.3	34 19.77	59 46 32.8	59.222
		38 0.62	68 34 45.4	— 1	97					[z Hydri]
41	8.4	39 44.70	56 57 11.3	2	97	4.57	13.8	40 0.35	57 0 20.3	57.464
42	8.5	42 41.93	58 44 28.5	— 1	2	4.61	13.6	42 57.53	58 47 38.6	58.230
43	8.4	44 25.76	60 27 14.7	2	3	4.66	13.5	44 41.30	60 30 26.6	60.217
44	8.3	46 32.80	58 7 26.0	2	1	4.58	13.9	46 48.42	58 10 35.8	58.238

ZONA 90 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
45	9.0	2 ^h 50 ^m 3 ^s .08	58°47'19".8	2	88	-4.58	-13.9	2 ^h 50 ^m 18.70	58°50'32".3	59°24.0
46	8.8	53 51.77	59 6 1.5	1	98	4.57	13.9	54 7.39	59 9 12.4	59.243
47	9.0	55 21.72	60 18 53.8	— 2	5	4.60	13.8	55 37.31	60 22 5.5	60.231
48	9.0	57 40.48	57 55 37.5	0	2	4.52	14.2	57 56.17	57 58 47.2	58.252
49	8.8	3 0 57.86	57 48 26.4	— 2	90	4.51	14.3	3 1 13.56	57 51 37.9	58.255
50		2 23.97	57 26 45.1	1	92	4.49	14.3	2 39.69	57 29 55.9	57.496
51	8.4	4 50.14	57 6 2.8	1	3	4.47	14.4	5 5.88	57 9 11.7	57.499
52		6 55.78	58 22 14.4	2	98	4.49	14.3	7 11.49	58 25 25.4	58.264
53		8 14.38	58 4 52.5	— 1	0	4.78	14.4	8 30.11	58 8 2.9	58.265
54	8.6	10 39.08	58 6 4.9	1	97	4.47	14.5	10 54.81	58 9 15.9	58.271
55	8.4	13 10.39	58 5 10.7	0	6	4.45	14.5	13 26.15	58 8 20.4	58.274
		16 13.93	43 20 55.6	0	95					[e Eridani]
56	8.5	17 59.84	60 45 4.4	0	0	4.49	14.3	18 15.53	60 48 18.0	60.248
57	9.0	20 30.08	58 5 57.3	0	4	4.42	14.7	20 45.86	58 9 7.5	58.278
58	7.6	22 4.19	57 48 3.9	— 2	99	4.41	14.7	22 19.99	57 51 14.6	57.538
59	8.6	24 2.58	59 31 56.8	1	95	4.43	14.6	24 18.35	59 35 9.8	59.275
			63 11 8.3	1	96					[z Reticuli]
		29 44.82	50 37 10.2	2	7					[Horolo. 45 G]
60	8.4	32 27.88	57 57 14.5	2	98	4.36	14.9	32 43.72	58 0 25.6	58.298
61	8.8	34 41.41	57 21 21.9	1	98	4.34	15.0	34 57.27	57 24 33.3	57.561
62	8.4	37 26.49	60 18 18.0	— 2	0	4.37	14.7	37 42.30	60 21 32.3	60.264
63	8.6	39 59.17	60 43 48.3	— 2	2	4.36	14.7	40 14.98	60 47 2.8	60.266
64	8.4	41 48.24	56 50 24.3	0	0	4.29	15.1	42 4.15	56 53 35.0	57.567
65	8.7	44 47.68	60 9 2.1	— 1	1	4.32	14.9	45 3.54	60 12 16.2	60.269
66	8.8	46 47.29	57 10 45.9	0	2	4.27	15.2	47 3.22	57 13 56.7	57.577
67	7.8	48 41.13	60 37 55.9	— 3	1	4.30	14.9	48 57.00	60 41 10.6	60.271
68		52 43.76	57 55 19.1	0	4	4.24	15.2	52 59.72	57 58 30.5	58.326
69	8.2	55 45.90	56 57 25.7	2	98	4.22	15.3	56 1.88	57 0 36.9	57.602
70	8.5	58 32.60	56 51 24.0	1	0	4.20	15.2	58 48.60	56 54 34.7	57.611

ZONA 91 A

Diciembre 9 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL O.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		2 ^h 1 ^m 55 ^s .33	57°43'57".7	— 2	90	-4.58	-10.9	2 ^h 2 ^m 8 ^s .56	57°47' 7".3	57°39.7
2		4 31.09	60 2 4.5	2	99	4.64	10.6	4 44.23	60 5 15.1	60.182
3		7 50.83	57 12 0.8	2	6	4.55	11.1	8 4.10	57 15 7.7	57.409
4		10 33.04	57 33 41.3	— 2	98	4.55	11.1	10 46.30	57 36 49.7	57.415
		13 12.78	51 51 34.1	1	0					[e Eridani]
5		16 34.49	57 16 29.1	1	98	4.53	11.4	16 47.78	57 19 37.4	57.426
6		18 52.25	58 26 31.4	1	0	4.55	11.2	19 5.50	58 29 40.7	58.205
7		20 48.42	58 31 7.6	1	92	4.48	11.3	21 1.73	58 34 18.2	58.207
8		22 45.88	58 30 55.2	0	7	4.55	11.3	22 59.12	58 34 3.7	58.209
9		25 20.36	59 32 57.0	— 3	91	4.57	11.2	25 33.57	59 36 9.8	59.211
10		28 10.88	60 13 31.7	— 2	98	4.58	11.2	28 24.07	60 16 43.3	60.203
11		30 12.32	58 13 2.1	— 2	0	4.52	11.6	30 25.59	58 16 11.3	58.219

ZONA 91 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
12		2 ^h 34 ^m 57.48	56° 54' 10.5	— 1	97	—4.47	—11.9	2 ^h 35 ^m 10.82	56° 57' 19.0	57° 46.0
13		38 5.53	58 27 0.9	2	3	4.50	11.7	38 18.82	58 30 10.3	58.225
14		39 46.86	56 57 13.6	2	4	4.46	12.0	40 0.21	57 0 21.3	57.464
15		42 47.63	58 2 0.2	2	95	4.47	11.9	43 0.96	58 5 10.4	58.231
16		45 38.48	57 58 4.3	— 2	97	4.46	11.9	45 51.82	58 1 14.1	58.236
17		49 37.59	57 1 52.4	1	7	4.43	12.2	49 50.97	57 5 0.0	57.483
18		53 54.08	59 6 2.0	1	98	4.46	12.0	54 7.40	59 9 13.1	59.243
		56 56.88	64 21 30.4	1	95					(54)
19	3	0 41.47	60 16 57.0	1	95	4.46	12.0	3 0 54.78	60 20 9.9	60.234
20		2 29.16	57 41 13.0	1	95	4.40	12.3	2 42.56	57 44 23.2	57.497
21		5 28.61	59 3 55.9	— 2	0	4.41	12.2	5 41.97	59 7 6.8	59.253
22		7 52.34	59 29 31.0	— 1	94	4.41	12.2	8 5.70	59 32 43.4	59.257
		10 8.76	57 35 26.8	0	98					Horolo. 38 G]
23		16 36.81	58 14 26.2	— 1	3	4.36	12.5	16 50.23	58 17 36.1	58.275
		27 38.99	63 11 10.1	1	2					[z Reticuli]
24		32 57.63	58 2 35.9	— 3	94	4.40	12.7	33 11.02	58 5 47.0	58.299
25		35 32.75	57 7 31.7	2	87	4.27	12.8	35 46.28	57 10 42.9	57.563
26		37 50.75	58 14 34.4	— 1	0	4.27	12.8	38 4.26	58 17 44.9	58.306
27		39 47.06	58 13 7.4	— 2	5	4.26	12.8	40 0.58	58 16 17.2	58.307
28		42 40.12	56 52 35.0	— 3	3	4.24	12.9	42 53.68	56 55 43.6	57.569
29		44 51.04	56 53 19.9	— 2	0	4.24	13.0	45 4.60	56 56 28.9	57.572
30		49 25.10	58 46 42.2	1	18	4.22	12.8	49 38.65	58 49 50.8	58.320

ZONA 92 A

Diciembre 15 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
		3 ^h 10 10.55	57° 39' 5.5	— 1	2					[Horolo. 38 G]
1		16 38.33	58 18 4.9	— 2	0	—4.26	—10.8	3 ^h 16 ^m 50.18	58° 17' 34.3	58° 27.5
2		20 1.60	59 0 44.1	0	98	4.26	10.8	20 13.46	59 0 14.0	59.268
		27 40.38	63 14 49.9	— 1	98					[z Reticuli]
3		29 37.17	58 23 52.9	— 2	3	4.22	10.9	29 49.06	58 23 23.0	58.292
4		32 59.19	58 7 16.6	2	99	4.20	11.0	33 11.10	58 6 45.7	58.299
5		35 34.26	57 11 12.7	1	94	4.19	11.1	35 46.17	57 10 40.1	57.563
6		37 52.27	58 18 15.0	— 2	96	4.19	11.0	38 4.19	58 17 44.0	58.306
7		39 48.82	58 16 47.1	1	94	4.18	11.0	40 0.75	58 16 16.8	58.307
8		42 41.82	56 56 14.4	1	0	4.17	11.2	42 53.75	56 55 42.5	57.569
9		44 52.71	56 57 0.4	2	96	4.16	11.2	45 4.64	56 56 27.8	57.572
10		46 51.28	57 14 26.6	— 1	2	4.16	11.2	47 3.21	57 13 55.4	57.577
11		49 26.79	58 50 20.5	0	94	4.15	11.0	49 38.74	58 49 49.8	58.320
12		54 43.43	58 44 35.3	— 1	0	4.13	11.0	54 55.40	58 44 5.4	58.330
13		56 40.06	57 21 16.6	1	3	4.12	11.2	56 52.03	57 20 45.6	57.606
14	4	0 50.63	57 42 15.3	2	1	4.11	11.1	4 1 2.61	57 41 44.3	57.614
15		2 49.09	57 28 34.8	— 2	5	4.10	11.1	3 1.08	57 28 4.3	57.618
16		5 29.21	57 17 2.9	2	96	4.09	11.2	5 41.21	57 16 30.8	57.622
17		7 43.37	57 48 26.8	— 2	2	4.08	11.0	7 55.39	58 47 57.3	58.349

ZONA 92 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
18		4 ^h 10 ^m 29 ^s 15	58° 2' 17.7	2	2	-4 ^s 07	-11' 1	4 ^h 10 ^m 41 ^s 18	58° 1' 31.3	58° 353
		13 6.65	62 41 45.6	1	1					z Reticuli
19		15 29.49	58 2 12.8	2	3	4.05	11.1	15 41.53	58 1 42.5	58.366
20		16 45.66	58 37 54.7	-3	5	4.05	11.0	16 57.70	58 37 25.5	58.371
21		19 32.15	57 45 6.8	0	1	4.04	11.1	19 44.19	57 44 35.9	57.645
22		22 14.02	57 27 30.2	-3	96	3.97	11.1	22 26.13	57 26 58.3	57.658
23		23 51.10	61 49 31.1	-1	0	4.01	10.8	24 3.23	61 49 4.8	61.336
24		27 1.38	56 57 13.0	2	9	4.01	11.1	27 13.45	56 56 42.4	57.663
25		28 58.44	57 38 35.3	-2	99	4.00	11.0	29 10.52	57 38 4.1	57.667
		31 56.11	55 13 53.2	-2	6					z Doradus
26		33 52.64	57 36 34.6	1	5	3.98	11.0	34 4.74	57 36 4.0	57.678
27		36 12.44	58 37 10.9	2	96	3.97	10.9	36 24.56	58 36 40.2	58.409
28		38 40.90	59 7 13.6	2	10	3.95	10.9	38 53.05	59 6 45.5	59.370
29		40 11.13	58 11 25.6	1	6	3.95	10.9	40 23.27	58 10 55.8	58.414
			71 5 33.1	0	2					[z Mensae]
30		46 22.44	56 58 31.1	-2	3	3.94	10.9	46 34.57	56 57 59.5	57.698
31		48 28.42	57 53 9.9	-2	3	3.92	10.9	48 40.57	57 52 39.4	57.707
32		50 56.18	57 58 40.9	-2	4	3.91	10.8	51 8.35	57 58 10.6	58.436
33		53 16.06	58 41 36.5	1	97	3.89	10.8	53 28.25	58 41 5.9	58.437
34		55 28.75	58 12 41.7	-3	2	3.89	10.8	55 40.94	58 12 11.3	58.440
35		58 2.94	58 22 22.9	2	94	3.88	10.8	58 15.14	58 21 51.4	58.448
36	5	0 17.22	57 45 35.2	0	96	3.87	10.8	5 0 29.42	57 45 3.4	57.725
		2 32.17	49 42 18.5	2	1					[z Pictoris]
37		4 31.93	58 19 15.9	-1	95	3.85	10.7	4 44.16	58 18 44.5	58.459
38		6 17.65	57 53 29.4	-2	97	3.84	10.7	6 29.88	57 52 57.8	57.745
39		8 51.07	58 36 0.1	1	0	3.82	10.6	9 3.33	58 35 29.7	58.474
40		11 27.56	57 25 22.3	0	0	3.83	10.6	11 39.80	57 24 50.4	57.763
41		16 19.05	57 32 32.8	2	6	3.80	10.6	16 31.31	57 32 1.9	57.783
42		18 7.98	58 59 40.2	-1	97	3.78	10.5	18 20.28	58 59 9.7	59.459
43		19 39.83	58 11 50.5	1	5	3.78	10.5	19 52.12	58 11 20.2	58.493
44		22 9.78	58 4 4.5	-1	5	3.77	10.5	22 22.08	58 3 34.1	58.500
45		24 33.73	58 38 31.7	-2	98	3.75	10.4	24 46.05	58 38 0.5	58.509
46		26 35.96	57 44 35.9	-1	99	3.76	10.4	26 48.26	57 44 4.1	57.823
47		28 39.94	58 36 56.8	1	8	3.73	10.3	28 52.28	58 36 27.2	58.519
48		30 11.67	57 19 24.5	-1	3	3.75	10.3	30 23.98	57 18 52.7	57.834
			62 33 11.0	-2	1					z Doradus
49		34 44.43	57 31 8.0	1	99	3.73	10.2	34 56.76	57 30 35.8	57.851
50		36 35.84	57 15 50.6	0	2	3.72	10.2	36 48.18	57 15 18.5	57.859
51		37 58.08	57 14 4.6	-1	89	3.72	10.2	38 10.42	57 13 31.6	57.865
52		40 6.07	59 48 59.2	-2	6	3.66	10.1	40 18.51	59 48 30.6	59.499
53		41 51.05	60 54 46.4	-1	0	3.63	10.1	42 3.53	60 54 18.3	60.456
		44 24.40	65 46 24.6	1	4					z Doradus
54		48 22.03	59 52 16.4	2	94	3.62	10.0	48 34.50	59 51 45.9	59.522
55		50 41.29	57 10 50.9	0	5	3.66	9.9	50 53.68	57 10 18.5	57.901
56		52 51.88	59 47 38.5	-3	97	3.60	9.9	53 4.37	59 47 8.4	59.538
57		55 9.37	59 58 42.6	-2	94	3.58	9.8	55 21.88	59 58 12.2	59.552
58		57 28.03	58 16 54.8	1	89	3.61	9.8	57 40.48	58 16 21.5	58.600
59		59 3.49	58 6 41.8	1	2	3.60	9.7	59 15.95	58 6 10.3	58.602

ZONA 93 A

Diciembre 16 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1	8.5	3 ^b 4 ^m 36.45	60° 46' 56.3	1	5	-4.30	-10.2	3 ^b 4 ^m 40.18	60° 26' 27.1	60° 241
2	8.2	6 43.06	60 48 42.9	— 2	3	4.30	10.2	6 46.80	60 48 15.1	60.243
3		8 26.31	58 8 34.0	— 2	0	4.26	10.5	8 30.05	58 8 2.8	58.265
4	7.6	10 18.55	57 39 6.6	— 1	3					(Horolo. 38 G)
5		12 51.54	59 50 21.2	0	99	4.27	10.4	12 55.30	59 49 51.2	59.263
6	8.4	15 53.67	59 55 45.3	0	9	4.26	10.4	15 57.44	59 55 16.8	60.246
7	8.9	18 11.47	60 48 44.1	— 2	8	4.26	10.3	18 15.25	60 48 17.3	60.248
8		20 42.12	58 9 38.8	— 1	98	4.23	10.6	20 45.89	58 9 7.1	58.278
9	8.3	22 16.19	57 51 46.5	1	99	4.22	10.7	22 19.96	57 51 14.0	57.538
		25 8.42	58 37 54.3	— 3	8	4.22	10.6	25 12.20	58 37 25.2	58.283
		27 48.50	63 14 50.6	— 1	0					[x Reticuli]
10	8.4	29 45.22	58 23 54.7	— 2	99	4.20	10.6	29 49.02	58 23 23.8	58.292
11		32 39.83	58 0 55.8	0	6	4.19	10.7	32 43.65	58 0 25.2	58.298
12	8.8	34 34.21	57 50 34.9	0	1	4.18	10.7	34 38.03	57 50 3.2	57.560
13	8.5	36 19.87	57 55 47.3	0	1	4.18	10.7	36 23.69	57 55 15.6	58.304
14	8.4	38 0.27	58 18 14.3	— 2	1	4.17	10.7	38 4.11	58 17 43.9	58.306
15	8.9	40 32.35	58 41 50.2	1	97	4.17	10.7	40 36.19	58 41 18.4	58.308
		43 3.08	65 5 1.1	0	4					β Reticuli
16	9.0	45 27.20	58 20 59.7	0	90	4.15	10.7	45 31.06	58 20 26.3	58.311
17		46 50.26	58 16 28.2	1	3	4.14	10.7	46 54.13	58 15 56.6	58.316
18		49 34.84	58 50 20.3	0	0	4.14	10.7	49 38.71	58 49 49.4	58.320
19	8.8	51 56.34	59 40 37.3	0	1	4.13	10.6	52 0.24	59 40 7.7	59.293
20		54 30.21	60 50 55.5	0	2	4.13	10.5	54 34.14	60 50 26.8	60.276
21		56 21.45	57 0 43.0	0	0	4.11	10.9	56 25.34	57 0 10.2	57.603
22		59 0.63	58 54 35.9	— 1	3	4.10	10.7	59 4.55	58 54 5.8	59.298
23	8.7	4 2 40.99	57 24 2.5	— 1	0	4.09	10.8	4 2 44.90	57 23 30.7	57.617
24		3 47.83	58 43 4.8	— 2	4	4.08	10.7	3 51.76	58 42 35.3	58.344
25	8.3	6 10.49	58 45 45.0	0	98	4.08	10.7	6 14.42	58 45 13.8	58.346
26	9.0	8 35.45	58 0 47.2	0	5	4.07	10.8	8 39.39	58 0 16.2	58.350
27	8.6	11 16.20	57 3 18.3	— 2	3	4.06	10.8	11 20.14	57 2 46.8	57.630
		13 14.72	62 41 45.8	1	5					α Reticuli
28	8.4	15 58.65	57 31 31.0	1	3	4.04	10.8	16 2.61	57 30 58.9	57.639
29	7.8	17 34.97	58 57 39.3	— 3	0	4.03	10.7	17 38.96	58 57 9.6	59.329
		20 53.24	63 35 49.5	0	3					[γ Reticuli]
30		22 27.47	57 16 28.5	1	4	4.02	10.8	22 31.45	57 15 56.2	57.659
31			60 57 29.6	— 3	98		10.5		60 57 2.0	61.337
32	8.8	26 2.77	59 34 18.6	— 1	1	4.00	10.6	26 6.80	59 33 49.3	59.346
33		27 34.32	57 23 0.6	— 2	89	4.00	10.7	27 38.32	57 22 27.4	57.664
34		29 39.54	58 40 22.4	0	97	3.99	10.6	29 43.56	58 39 51.1	58.393
		32 4.24	55 13 55.4	— 2	98					z Doradus
35	8.8	33 55.78	57 5 34.2	0	1	3.98	10.7	33 59.80	57 5 1.6	57.677
36		36 33.53	58 22 53.8	— 3	7	3.96	10.6	36 37.58	58 22 24.3	58.410
37	8.9	39 30.29	56 57 0.2	2	98	3.96	10.7	39 34.33	56 56 26.5	57.688
38		42 8.30	58 43 20.6	— 2	6	3.94	10.5	42 12.37	58 42 51.2	58.419
39		44 5.78	59 58 32.2	— 2	4	3.92	10.4	44 9.90	59 58 3.8	60.336
40		46 17.98	58 31 15.6	1	4	3.92	10.5	46 22.08	58 30 44.7	58.425
41		48 39.88	58 40 36.4	0	99	3.91	10.5	48 43.99	58 40 5.2	58.430
42		50 11.27	59 9 33.0	— 1	87	3.90	10.5	50 18.41	59 9 1.7	59.387
43		52 0.03	57 28 42.6	— 2	3	3.91	10.5	52 4.13	57 28 11.2	57.713
44		54 32.24	58 36 7.7	1	3	3.89	10.4	54 36.37	58 35 36.7	58.439
45		56 27.32	58 6 20.4	1	0	3.88	10.4	56 31.46	58 5 48.4	58.441
46		58 28.98	58 37 56.6	— 3	0	3.87	10.4	58 33.13	58 37 26.2	58.450

ZONA 93 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
47		5 ^h 0 ^m 8 ^s .27	58° 39' 27.6	— 1	99	—3 ^s .86	—10 ^s .4	5 ^h 5 ^m 12 ^s .43	58° 38' 31 ^s .7	58° 452
		2 40.27	49 42 20.2	2	99					[γ^2 Pictoris]
48		6 53.44	57 6 21.9	1	97	3.85	10.3	6 57.60	57 5 48.1	57.748
49	8.8	9 38.97	57 17 55.6	— 3	4	3.84	10.3	9 43.14	57 17 24.2	57.756
50	9.0	11 38.64	59 45 53.6	0	5	3.80	10.2	11 42.89	59 45 23.9	54.444
		13 44.61	67 17 16.3	2	98					θ Doradus
51		16 52.35	57 31 2.7	1	2	3.81	10.2	16 56.55	57 30 29.5	57.784
52		19 20.50	57 26 48.5	1	2	3.80	10.1	19 24.71	57 26 14.9	57.795
53		21 34.48	59 43 17.5	— 2	0	3.75	10.1	21 38.77	59 42 48.0	59.463
54		23 25.58	58 15 6.3	0	0	3.77	10.1	23 29.83	58 14 34.5	58.506
55		25 15.66	58 19 4.9	— 1	96	3.76	10.0	25 19.92	58 18 32.8	58.510
56		27 2.26	58 19 28.6	— 1	3	3.75	10.0	27 6.53	58 18 57.4	58.516
57		29 8.86	57 27 49.3	— 3	97	3.75	10.0	29 13.12	57 27 16.8	57.829
		32 48.21	62 33 11.0	— 2	5					β Doradus
58		35 46.86	59 33 16.3	— 2	1	3.70	9.8	35 51.20	59 32 46.5	59.485
59		38 1.00	58 8 51.1	— 2	95	3.71	9.8	38 5.31	58 8 18.5	58.536
60		39 50.94	58 32 56.3	— 3	2	3.69	9.8	39 55.27	58 32 25.5	58.541
61		41 27.75	57 30 3.3	0	97	3.70	9.7	41 32.06	57 29 29.8	57.877
		44 32.42	65 46 35.8	1	7					δ Doradus
62		49 5.28	59 24 50.4	— 1	3	3.63	9.6	49 9.67	59 24 19.9	59.524
63		56 42.43	57 23 9.9	— 2	2	3.64	9.4	56 46.80	57 22 37.3	57.923
64		58 41.55	57 54 9.5	— 1	3	3.62	9.4	58 45.94	57 53 37.2	57.930

ZONA 94 A

Diciembre 21 de 1914

FELIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		2 ^h 27 ^m 37 ^s .29	58° 12' 2 ^s .2	2	99	—4 ^s .24	— 8 ^s .9	2 ^h 27 ^m 42 ^s .09	58° 11' 28 ^s .9	58° 217
2		31 13.86	59 4 24.0	— 1	0	4.24	8.6	31 18.68	58 3 51.7	59.217
3		34 15.02	59 47 3.9	2	0	4.24	8.8	34 19.85	59 46 32.5	59.222
4		36 4.72	57 24 10.3	— 1	94	4.22	9.1	36 9.53	57 23 35.6	57.461
		38 10.74	68 38 27.4	— 2	3					[ϵ Hydri]
5		39 55.47	57 0 55.2	0	93	4.21	9.3	40 0.29	57 0 20.0	57.464
6		42 20.53	58 19 50.7	— 1	4	4.22	8.9	42 25.37	58 19 18.4	58.227
7		44 37.29	57 48 28.9	— 2	97	4.20	9.1	44 42.12	57 47 55.1	57.473
8		46 43.61	58 11 7.7	1	5	4.20	9.1	46 48.45	58 10 35.5	58.238
9		48 39.54	57 33 18.5	— 2	2	4.19	9.2	48 44.38	57 32 45.3	57.481
10		51 11.92	57 42 50.4	— 3	2	4.19	9.2	51 16.76	57 42 17.4	57.484
11	8.6	54 2.56	59 9 44.1	— 1	6	4.20	9.1	54 7.42	59 9 43.2	59.243
12	8.4	56 36.39	58 7 19.5	2	0	4.18	9.2	56 41.25	58 6 46.6	58.250
13		57 54.61	58 33 23.3	— 2	3	4.18	9.2	57 59.51	58 32 51.3	58.253
14	8.4	3 30.16	60 4 46.2	— 1	8					α Horologii
15	9.0	5 0.94	57 9 46.0	— 1	99	4.16	9.4	3 5 5.82	57 9 12.0	52.499
			58 26 3.5	1	64		9.2		58 25 25.7	58.264
16	8.5	10 17.38	57 39 8.9	— 1	99					Horolo. 38 G
		13 21.19	58 8 53.4	— 2	98	4.15	9.3	13 26.09	58 8 20.4	58.274

ZONA 94 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914 0	Decl. 1914.0	C. P. D.
17	8.0	3 ^a 16 ^m 45 ^s 35	58° 18' 8" 0	— 2	0	— 4.14	— 9.3	3 ^h 16 ^m 50 ^s 27	58° 17' 35" 5	58.275
18		20 40.43	57 6 24.2	1	97	4.13	9.5	20 45.34	57 5 49.9	57.532
19		22 15.08	57 51 48.4	1	0	4.12	9.4	22 20.00	57 51 15.4	57.538
20		24 13.21	59 35 41.1	0	0	4.12	9.2	24 18.16	59 35 8.7	59.275
		27 47.37	63 14 53.0	— 1	96					[z Reticuli]
21	8.9	30 1.68	58 5 42.6	0	99	4.11	9.4	30 6.62	58 5 8.8	58.293
22		31 35.66	58 16 18.5	1	2	4.10	9.3	31 40.62	58 15 46.2	58.295
23	8.9	33 53.51	57 37 30.5	— 3	3	4.10	9.4	33 58.45	57 36 57.7	57.556
24		36 1.89	57 34 27.8	— 1	3	4.09	9.4	36 6.84	57 33 54.9	57.564
25	8.4	37 59.33	58 18 16.2	— 2	3	4.08	9.3	38 4.31	58 17 44.2	58.306
26	8.2	39 55.60	58 16 48.7	1	1	4.07	9.3	46 0.59	58 16 16.2	58.307
		43 1.89	65 5 3.7	0	0					[z Reticuli]
27	8.6	44 59.72	56 57 1.9	2	5	4.06	9.5	45 4.70	56 56 28.6	57.572
28	8.7	46 58.26	57 14 29.7	— 1	98	4.06	9.4	47 3.24	57 13 55.7	57.577
29	8.8	49 43.13	56 55 3.1	0	2	4.06	9.5	49 48.11	56 54 29.4	57.586
30	8.6	51 50.83	57 20 49.8	0	1	4.05	9.4	51 55.82	57 20 16.4	57.591
31		54 50.38	58 44 37.5	— 1	7	4.04	9.2	54 55.40	58 44 6.4	58.330
32	8.8	4 3 3.50	58 25 8.6	0	4	4.02	9.2	4 3 8.54	58 24 36.7	58.340
33	8.9	6 41.42	57 35 29.3	0	97	4.01	9.3	6 46.45	57 34 55.4	57.624
34	9.0	8 9.02	60 37 13.3	2	98	3.99	9.0	8 14.13	60 36 43.0	60.296
35	8.6	9 42.36	57 10 33.9	0	1	4.00	9.3	9 47.40	57 10 0.2	57.628
36	8.8	11 53.63	57 8 24.1	— 2	98	4.00	9.3	11 58.67	57 7 50.0	57.633
		13 41.35	51 42 51.7	— 3	95					[γ Doradus]
37	8.7	16 16.89	57 12 51.6	— 3	1	3.99	9.3	16 21.95	57 12 18.0	57.640
38		17 33.90	58 57 40.6	— 3	2	3.97	9.1	17 39.01	58 57 9.0	59.329
39	9.0	20 17.72	57 11 34.0	1	99	3.98	9.2	20 22.79	57 11 0.1	57.649
40	9.0	22 52.53	57 47 23.3	2	1	3.96	9.2	22 57.62	57 46 50.1	57.660
41	8.6	25 54.68	61 54 39.4	— 1	0	3.92	8.8	25 59.89	61 54 10.8	61.339
42		27 49.86	57 46 53.6	1	5	3.95	9.1	27 54.96	57 46 21.0	57.665
43		30 18.39	57 21 9.8	1	3	3.95	9.1	30 23.49	57 20 36.4	57.669
		32 3.10	55 13 57.1	— 2	3					[z Doradus]
44	8.8	34 59.83	57 43 32.9	— 2	4	3.93	9.0	35 4.95	57 43 0.1	57.680
45		36 56.02	56 57 15.1	2	3	3.93	9.1	37 1.14	56 56 41.2	57.684
46	8.4	39 47.51	61 1 1.6	1	4	3.88	8.8	39 52.74	61 0 32.5	61.357
47	8.6	41 11.40	61 47 41.3	— 3	1	3.87	8.7	41 16.66	61 47 12.7	61.361
		43 49.33								[z Mensae]
48		46 27.75	57 56 9.2	1	7	3.89	8.9	46 32.91	57 55 36.9	57.699
49	7.8	48 38.60	58 57 21.3	2	5	3.87	8.8	48 43.81	58 56 49.8	59.384
50	8.9	51 14.27	57 36 12.4	1	3	3.88	8.8	51 19.44	57 35 39.1	57.711
51	8.7	53 42.94	57 34 15.2	— 1	1	3.87	8.8	53 48.12	57 33 41.5	57.715
52	8.8	55 0.51	57 3 24.6	— 2	87	3.87	8.8	55 5.69	57 2 48.3	57.717
53	8.0	57 8.44	59 16 5.0	1	4	3.84	8.7	57 13.68	59 15 33.6	59.409
54		58 39.29	57 44 32.8	— 1	6	3.85	8.7	58 44.49	57 44 0.0	57.721
55	9.0	5 1 55.57	58 13 52.4	— 2	98	3.84	8.7	5 2 0.79	58 13 19.0	58.455
56		3 17.75	57 47 53.6	— 3	99	3.84	8.7	3 22.96	57 47 19.8	57.732
57		5 21.53	59 10 24.2	0	0	3.81	8.6	5 26.80	59 9 51.9	59.421
58		9 53.42	57 43 28.0	— 2	99	3.82	8.5	9 58.65	57 42 54.0	57.758
		13 43.54	67 17 17.4	2	99					[γ Doradus]
59	8.9	17 32.35	58 51 48.0	1	2	3.77	8.4	17 37.65	58 51 15.6	58.487
60		19 21.20	60 52 20.0	2	2	3.73	8.3	19 26.58	60 51 49.8	60.413
61	8.4	22 33.30	58 10 50.1	0	2	3.77	8.3	22 38.59	58 10 16.8	58.502
62	8.8	24 20.18	60 42 34.0	— 3	0	3.72	8.2	24 25.57	60 42 3.4	60.417
63	8.5	26 57.45	59 13 20.5	— 2	4	3.73	8.2	27 2.80	59 12 48.7	59.475
64		29 12.28	57 13 55.7	— 2	99	3.76	8.2	29 17.57	57 13 20.8	57.830
		32 47.09	62 33 15.0	— 2	94					[z Doradus]
65		36 26.21	57 52 1.0	2	91	3.73	8.1	36 31.54	57 51 25.5	57.857
66	8.9	39 46.33	57 26 12.4	1	6	3.72	8.0	39 51.67	57 25 36.7	57.873

ZONA 94 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
67	8.7	5 ^b 41 ^m 12 ^s 75	57°57'47.1	— 3	1	— 3.71	— 8.0	5 ^b 41 ^m 18 ^s 10	57°57'13.0	57°875
		44 31.34	65 46 29.0	1	95					δ Doradus
68		48 30.93	60 42 29.7	2	97	3.62	7.8	48 36.43	60 41 58.1	60.487
69	9.0	50 14.45	58 45 20.8	0	91	3.66	7.7	50 19 87	58 44 46.0	58.581
70		52 54.26	60 2 40.6	— 3	99	3.62	7.7	52 59.75	60 2 8.5	60.508
71	8.9	54 30.13	57 5 0.4	0	97	3.68	7.6	54 35.51	57 4 24.4	57.915
72		55 52.09	60 51 2.9	1	1	3.59	7.6	55 57.62	60 50 31.9	60.519
73		59 26.12	57 55 1.3	0	98	3.65	7.5	59 31.53	57 54 26.4	57.933
74	8.3	6 9 16.12	58 50 35.1	0	0	3.59	7.3	6 9 21.61	58 50 1.3	58.637
75	8.0	11 35.54	59 55 10.7	0	0	3.55	7.3	11 41.10	58 54 38.1	59.609
76	8.4	14 36.16	59 7 51.8	— 3	0	3.56	7.2	14 41.69	59 7 18.3	59.617
77	8.2	19 33.64	58 19 10.8	— 1	99	3.57	7.0	19 39.15	58 18 35.9	58.306
		21 57.26	52 39 35.2	— 1	0					z Argus
78	8.6	24 4.94	58 34 38.0	— 1	8	3.54	6.8	24 10.48	58 34 4.6	58.698
79		27 2.38	59 34 9.7	— 1	2	3.50	6.8	27 7.97	59 33 36.6	59.653
80		29 44.89	58 57 7.1	2	0	3.51	6.8	29 50.47	58 56 32.8	58.718
		35 2.79	43 8 4.3	— 2	0					ν Argus
81		39 1.00	59 3 1.5	— 2	1	3.48	6.5	39 6.61	59 2 27.3	59.686
82	8.9	40 55.65	59 33 26.4	— 2	2	3.45	6.5	41 1.29	59 32 53.0	59.691
83	8.8	43 31.73	59 13 17.5	— 2	3	3.45	6.4	43 37.37	59 12 43.7	59.697

ZONA 95 A

Diciembre 22 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		2 ^b 16 ^m 15 ^s 45	59°37'24.6	2	5	— 4.25	+ 8.4	2 ^b 16 ^m 20 ^s 44	59°36'51.0	59°202
2	8.6	17 53.60	58 53 6.4	— 2	99	4.23	8.5	17 58.60	58 52 31.3	59.204
3		20 37.10	57 12 50.7	— 3	2	4.21	8.8	20 42.10	57 12 14.4	57.436
4		22 24.49	60 42 21.0	— 3	3					[λ Horolo.]
5		25 46.71	57 11 16.1	1	4	4.20	8.9	25 51.72	57 10 40.0	57.440
6	8.0	27 37.17	58 12 4.2	2	3	4.21	8.8	27 42.18	58 11 29.1	58.217
7	8.6	29 27.24	59 30 29.4	0	90	4.22	8.6	29 32.26	59 29 53.7	59.216
8	8.6	32 49.31	60 4 7.7	— 1	2	4.22	8.5	32 54.35	60 3 34.2	60.204
		34 14.80	59 47 5.6	2	1	4.22	8.6	34 19.84	59 46 31.9	59.222
9	8.3	38 10.65	68 38 29.6	— 2	3					[ε Hydri]
		39 55.21	57 0 56.9	0	96	4.18	9.1	40 0.25	57 0 19.6	57.464
10	8.7	42 52.51	58 48 12.4	— 2	5	4.19	8.8	42 57.56	58 47 38.4	58.230
11	8.4	44 36.16	60 30 58.3	0	6	4.20	8.6	44 41.23	60 30 26.2	60.217
12	8.7	46 43.40	58 11 10.4	1	2	4.18	8.9	46 48.45	58 10 35.3	58.238
13	9.0	50 13.56	58 51 6.5	1	3	4.18	8.9	50 18.62	58 50 32.2	59.240
14	8.7	54 2.35	59 9 45.6	— 1	8	4.17	8.9	54 7.43	59 9 12.4	59.243
15	8.9	55 32.22	60 22 37.6	— 3	2	4.18	8.7	55 37.31	60 22 4.9	60.231
16	9.0	57 51.07	57 59 23.1	— 1	95	4.16	9.0	57 56.14	57 58 46.8	58.252
17	8.8	3 1 8.35	57 52 13.3	2	99	4.15	9.1	3 1 13.42	57 51 37.4	58.255
18		2 34.65	57 30 36.6	0	77	4.14	9.1	2 39.73	57 29 57.2	57.496
19	8.4	5 0.72	57 9 47.7	— 1	1	4.14	9.2	5 5.80	57 9 11.5	57.499

ZONA 95 A (Continuación)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
20	9.0	3 ^h 7 ^m 6.39	58° 26' 1".2	1	94	-4.14	9.0	3 ^h 7 ^m 11.49	58° 25' 25".2	58.264
21		8 24.97	58 8 38.3	- 2	99	4.13	9.1	8 30.07	58 8 2.8	58.265
22		10 49.69	58 9 51.2	- 1	99	4.13	9.1	10 54.79	58 9 15.7	58.271
23	8.4	13 20.98	58 8 54.8	- 2	99	4.12	9.1	13 26.09	58 8 19.4	58.274
		16 24.89	43 24 41.7	- 1	99					[e Eridani]
24	8.5	18 10.35	60 48 49.6	- 2	1	4.12	8.8	18 15.51	60 48 17.3	60.248
25	9.0	20 40.69	58 9 42.3	- 1	1	4.11	9.1	20 45.81	58 9 7.2	58.278
26		22 14.87	57 51 49.7	1	3	4.10	9.1	22 19.99	57 51 14.4	57.538
27		24 13.01	59 35 43.5	0	0	4.10	8.7	24 18.16	59 35 9.4	59.275
		27 47.11	63 14 54.9	- 1	0					[z Reticuli]
		29 55.75	50 40 55.0	0	2					[Horolo. 45 G]
28	8.5	32 38.52	58 1 0.7	1	98	4.08	9.1	32 43.67	58 0 24.9	58.298
29	8.9	34 52.02	57 25 7.5	0	4	4.08	9.2	34 57.16	57 24 32.0	57.561
30	8.4	37 36.99	60 22 3.6	2	2	4.07	8.9	37 42.19	60 21 30.9	60.264
31	8.5	40 9.57	60 47 32.9	- 3	5	4.06	8.8	40 14.79	60 47 1.2	60.266
32	8.5	41 58.93	56 54 10.1	- 1	2	4.05	9.2	42 4.10	56 53 33.8	57.567
33	8.8	44 58.32	60 12 46.8	- 3	6	4.05	8.9	45 3.54	60 12 14.6	60.269
34	8.7	46 57.89	57 14 31.3	- 1	2	4.05	9.2	47 3.07	57 13 55.3	57.577
35	8.0	48 51.65	60 41 42.7	1	97	4.03	8.8	48 56.91	60 41 9.6	60.271
36		52 54.46	57 59 4.5	- 1	0	4.03	9.0	52 59.67	57 58 29.0	58.326
37	8.3	55 56.58	57 1 12.7	1	1	4.03	9.1	56 1.78	57 0 36.3	57.602
38	8.6	58 43.30	56 55 9.5	0	6	4.02	9.1	58 48.51	56 54 33.7	57.611
39	8.8	4 2 39.64	57 24 7.1	- 1	97	4.01	9.1	4 2 44.86	57 23 30.4	57.617
40		3 46.53	58 43 10.0	- 2	4	4.00	8.9	3 51.78	58 42 35.8	58.344
41	8.0	6 9.28	58 45 49.3	0	97	3.99	8.9	6 14.54	58 45 14.1	58.346
42	9.0	8 34.09	58 0 51.5	0	5	3.99	9.0	8 39.34	58 0 16.6	58.350
43	8.2	11 14.93	57 3 21.7	- 2	6	3.99	9.0	11 20.17	57 2 46.0	57.630
		13 13.39	62 41 50.5	1	99					z Reticuli
44	8.2	15 57.31	57 31 34.5	1	6	3.97	8.9	16 2.57	57 30 59.2	57.639
45		17 33.69	58 57 42.6	- 3	2	3.96	8.8	17 38.99	58 57 8.4	59.329
		20 51.88	63 35 53.7	0	3					[z Reticuli]
46		22 26.18	57 16 32.5	1	2	3.96	8.9	22 31.45	57 15 56.3	57.659
47	8.5	24 14.36	60 57 33.0	- 3	98	3.92	8.6	24 19.73	60 57 0.4	61.337
48	8.8	26 1.51	59 34 22.7	- 1	4	3.93	8.7	26 6.84	59 33 49.2	54.346
49	8.2	27 33.04	57 23 2.4	- 2	99	3.95	8.8	27 38.32	57 23 25.9	57.664
50	8.8	29 38.17	58 40 25.5	0	5	3.92	8.7	29 43.50	58 39 51.2	58.393
		32 2.89	55 13 59.4	- 2	3					z Doradus
51	8.9	33 54.44	57 5 39.2	0	0	3.93	8.8	33 59.74	57 5 2.4	57.677
52		36 32.19	58 22 59.1	- 3	4	3.91	8.7	36 37.52	58 22 24.3	58.410
53	8.9	39 28.94	56 57 8.4	2	74	3.91	8.7	39 34.26	56 56 27.6	57.688
54	8.5	42 6.92	58 43 26.3	- 2	99	3.88	8.6	42 12.29	58 42 51.1	58.419
55	8.6	44 4.30	59 58 37.4	- 2	98	3.86	8.7	44 9.71	59 58 3.6	60.336
56	8.5	46 16.74	58 31 20.7	1	0	3.87	8.5	46 22.12	58 30 45.2	58.425
57	8.2	48 38.61	58 40 41.5	0	96	3.87	8.5	48 43.99	58 40 5.7	58.430
58	8.6	50 12.99	59 9 34.6	- 1	4	3.85	8.5	50 18.40	59 9 0.5	59.387
59	7.8	51 58.68	57 28 48.0	- 2	1	3.87	8.5	52 4.04	57 28 11.6	57.713
60	8.9	54 30.93	58 36 12.5	1	2	3.85	8.4	54 36.33	58 35 37.3	58.439
61		56 26.06	58 6 23.8	1	5	3.85	8.4	56 31.45	58 5 48.5	58.441
62	8.4	58 27.75	58 38 0.6	- 2	6	3.83	8.4	58 33.17	58 37 26.1	58.450
63	8.5	5 0 7.00	58 39 6.8	- 1	2	3.83	8.3	5 0 12.43	58 38 31.7	58.452
		2 39.01	49 42 23.5	2	0					[z Pictoris]
64	8.8	5 3.93	57 40 28.4	0	95	3.83	8.3	5 9.34	57 39 51.1	57.741
65	8.3	6 52.20	57 6 25.5	1	3	3.83	8.3	6 57.61	57 5 48.6	57.748
66	8.7	9 37.77	57 18 0.4	- 2	1	3.82	8.2	9 43.19	57 17 23.5	57.756
67	8.9	11 37.44	59 45 58.6	0	0	3.77	8.1	11 42.95	59 45 24.3	59.444
		13 43.35	67 17 20.7	2	99					z Doradus
68	8.7	16 51.14	57 31 6.7	1	3	3.80	8.1	16 56.58	57 30 30.1	57.782

ZONA 95 A (Conclusión)

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
69	8.8	5 ^b 19 ^m 19 ^s 29	57° 26' 53".4	1	1	3.79	8.1	5 ^b 19 ^m 24 ^s 74	57° 26' 16.4	57° 79.5
70	8.3	21 33.28	59 43 22.4	— 2	3	3.74	8.0	21 38.81	59 42 48.4	59.463
71	8.5	23 24.38	58 15 10.6	0	6	3.76	8.0	23 29.87	58 14 35.2	58.506
72		25 14.43	58 19 8.7	— 1	99	3.75	7.9	25 19.93	58 18 32.3	58.510
73	8.8	27 1.00	58 19 33.2	— 1	4	3.75	7.9	27 6.50	58 18 57.5	58.516
74		29 7.52	57 27 52.6	— 3	6	3.75	7.9	29 13.01	57 27 16.3	57.829
		32 46.89	62 33 16.3	— 2	0					β Doradus
75	8.6	35 45.58	59 33 21.8	— 2	97	3.69	7.7	35 51.16	59 32 46.4	59.485
76	9.0	37 59.79	58 8 55.8	— 2	96	3.72	7.7	38 5.32	58 8 18.5	58.536
77	8.3	39 49.68	58 33 2.1	— 2	96	3.70	7.6	39 55.24	58 32 25.3	58.541
78	9.0	41 26.52	57 30 7.0	0	99	3.72	7.6	41 32.04	57 29 29.3	57.877
		44 31.17	65 46 30.8	1	6					δ Doradus
79	9.0	49 3.96	59 24 55.6	— 1	3	3.65	7.4	49 9.58	59 24 20.5	59.524
80	8.5	51 0.46	57 55 47.8	0	3	3.68	7.4	51 6.02	57 55 11.0	57.903
81	8.5	53 32.94	58 10 16.6	0	3	3.66	7.3	53 38.53	58 9 40.0	58.593
82	8.7	56 41.31	57 23 14.5	— 2	2	3.67	7.3	56 46.88	57 22 36.9	57.923
83	8.7	58 40.36	57 54 14.6	— 1	99	3.65	7.2	58 45.95	57 53 37.0	57.930
84		6 20 13.23	59 59 17.0	— 1	5	3.53	6.7	6 20 18.98	59 58 42.2	59.637
			52 39 37.1	— 1	3					α Argus
85	8.2	25 17.83	58 10 42.8	0	97	3.56	6.5	25 23.53	58 10 4.5	58.705
86	8.8	27 27.42	58 21 43.7	1	3	3.54	6.4	27 33.14	58 21 6.4	58.714
			43 8 5.4	— 2	4					γ Argus
87	8.7	40 52.65	58 6 22.0	1	5	3.51	6.1	40 58.40	58 5 44.4	58.759

ZONA 96

Diciembre 23 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

N°	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		3 ^b 16 ^m 24 ^s 77	43° 24' 40".4	— 1	0					[e Eridani]
2		19 18.75	59 57 25.8	— 3	96	4.09	8.6	3 ^b 19 ^m 24 ^s 06	59° 56' 51".8	60° 249
3		21 20.21	59 8 48.1	— 2	0	4.08	8.7	21 25.52	59 8 13.8	59.272
4		24 24.24	59 36 27.9	1	5	4.08	8.7	24 29.55	59 35 54.8	59.276
5		26 12.37	58 11 16.4	1	6	4.07	8.8	26 17.67	58 10 41.9	58.285
6	9.0	28 38.20	58 25 58.6	0	0	4.07	8.8	28 43.59	58 25 23.5	58.288
7		32 14.62	60 26 12.5	1	0	4.06	8.6	32 19.97	60 25 39.5	60.258
8	8.9	34 25.23	58 22 46.9	— 3	4	4.05	8.8	34 30.56	58 22 13.5	58.300
9	8.2	36 21.36	60 3 58.6	— 2	0	4.05	8.6	36 26.72	60 3 24.1	60.262
10		37 36.83	60 22 4.5	2	0	4.04	8.6	37 42.20	60 21 31.4	60.264
		40 16.65	60 16 41.7	1	0	4.04	8.6	40 22.02	60 16 8.5	60.267
		43 1.52	65 5 6.1	0	0					β Reticuli
11		45 46.55	57 54 10.5	— 1	10	4.03	8.8	45 51.89	57 53 36.3	58.313
12		48 51.51	60 41 42.7	1	0	4.01	8.5	48 56.92	60 41 10.0	60.271
13		50 4.89	60 37 27.2	— 3	4	4.01	8.5	50 10.30	60 36 55.1	60.272
14	8.7	52 50.46	58 12 1.6	2	6	4.01	8.8	52 55.83	58 11 27.0	58.325
15	8.8	55 23.90	57 41 12.4	1	99	4.01	8.8	55 29.26	57 40 36.3	57.600
16		59 46.84	57 27 53.3	— 3	95	4.00	8.8	59 52.21	57 27 16.4	57.612
17		4 3 40.06	61 43 26.3	— 2	0	3.96	8.4	4 3 45.54	61 42 54.7	61.299
18		5 46.66	59 58 2.7	— 2	98	3.97	8.5	5 52.10	59 57 28.9	60.293

ZONA 96 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
19	9.0	4 ^b 7 ^m 36 ^s 89	57° 53' 12.7	— 2	3	— 3.98	— 8.7	4 ^h 7 ^m 42 ^s 28	57° 52' 26.4	57° 625
20		10 6.58	59 23 59.0	— 2	96	3.95	8.5	10 12.03	59 23 24.2	59.318
21		13 13.30	62 41 50.9	1	1	3.95	8.6	16 4.36	58 22 9.9	α Reticuli 58.368
		15 58.93	58 22 47.3	— 3	93					
22		20 51.72	63 35 53.8	0	5	3.90	8.5	23 53.51	61 25 57.8	β Reticuli 61.335
		23 47.97	61 26 29.7	1	0					
23		27 32.85	57 23 2.3	— 2	1	3.93	8.5	27 38.29	57 22 26.0	57.664
24	9.0	28 53.16	58 22 25.6	2	1	3.91	8.5	28 58.63	58 21 50.2	58.390
25	8.8	30 58.75	58 50 46.0	0	98	3.90	8.4	31 4.23	58 50 10.7	58.396
26	8.7	32 56.87	58 25 35.1	0	2	3.90	8.4	33 2.35	58 25 0.4	58.401
27	8.5	35 11.00	57 7 14.3	2	5	3.91	8.5	35 16.46	57 6 39.2	57.681
28	8.5	37 41.40	57 3 56.7	— 2	2	3.91	8.4	37 46.86	57 3 20.0	57.685
29	8.7	40 32.10	61 23 23.1	— 2	6	3.85	8.1	40 37.69	61 22 51.8	61.359
30	8.8	42 43.17	58 48 59.5	— 2	11	3.87	8.3	42 48.68	58 48 26.0	58.421
31	9.0	45 41.74	57 18 38.4	— 2	99	3.88	8.3	45 47.24	57 18 1.5	57.696
32		47 39.73	57 15 30.6	0	97	3.88	8.3	47 45.23	57 14 53.2	57.705
33		51 16.30	57 21 0.6	1	99	3.87	8.2	51 21.81	57 20 23.6	57.712
34		53 41.79	59 15 31.5	0	5	3.83	8.1	53 47.37	59 14 57.4	59.398
35		57 8.10	59 16 8.0	1	3	3.82	8.0	57 13.69	59 15 33.6	59.409
36		5 2 1.62	58 34 28.5	— 1	5	3.82	8.0	5 2 7.19	58 33 53.6	58.456
37	8.6	3 56.59	57 36 0.4	1	2	3.79	7.9	6 29.51	59 35 26.0	γ Doradus 59.423
		6 23.89	59 36 1.5	1	94					
38	9.0	10 50.28	57 26 11.2	1	1	3.81	7.9	10 55.85	57 25 34.3	57.761
39	8.9	12 44.12	57 56 13.3	1	0	3.80	7.8	12 49.70	57 55 36.7	57.765
40	8.9	14 19.52	58 49 15.7	— 1	5	3.77	7.8	14 25.14	58 48 40.9	58.484
		17 10.08	50 42 37.2	— 3	2					
41	8.8	19 19.15	57 26 53.8	1	3	3.79	7.7	19 24.74	57 26 16.9	57.795
42	8.5	22 24.51	58 31 26.2	1	99	3.76	7.6	22 30.14	58 30 49.9	58.501
43	8.9	25 31.11	58 36 49.6	1	7	3.74	7.6	25 36.76	58 36 13.5	58.512
44	8.5	27 2.08	58 27 4.7	2	3	3.74	7.6	27 7.73	58 26 28.8	58.517
45		29 22.02	57 3 28.9	— 2	85	3.76	7.5	29 27.64	57 2 48.9	57.831
46		36 43.14	59 50 3.6	0	97	3.68	7.3	36 48.88	59 49 28.3	59.490
47	8.7	38 54.43	57 53 11.5	— 2	1	3.72	7.3	39 0.99	57 52 34.5	57.868
48	8.8	40 47.83	60 46 38.7	1	6	3.65	7.2	40 53.61	60 46 5.6	60.450
49		42 52.62	59 59 24.2	— 1	0	3.66	7.2	42 58.38	59 58 49.4	δ Doradus 59.503
		44 31.04	65 46 31.5	1	0					
50	9.0	48 42.12	60 50 16.7	0	2	3.62	7.1	48 47.93	60 49 43.0	60.488
51		51 0.32	57 55 49.9	0	96	3.68	— 7.0	51 6.02	57 55 11.9	57.904
52	8.0	53 42.11	59 37 49.4	— 3	2	3.63	7.0	53 47.89	59 37 14.3	59.540
53	8.7	55 18.27	60 36 13.6	1	1	3.60	6.9	55 24.10	60 35 39.3	60.515
54		57 34.75	58 16 53.9	1	0	3.65	6.9	57 40.49	58 16 21.7	58.600
55		59 49.82	59 28 43.3	— 2	5	3.61	6.8	59 55.62	59 28 8.5	59.562

ZONA 97 A

Diciembre 29 de 1914

FÉLIX AGUILAR, Observador.

POSICIÓN AL E.

ROGELIO BOERO, Ayudante.

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
1		3 ^h 36 ^m 19 ^s 57	60° 3' 58.2	— 2	6	— 3.90	— 7.2	3 ^h 36 ^m 26 ^s 73	60° 3' 24.0	60° 262
		37 34.95	60 22 4.0	2	10	3.90	7.2	37 42.11	60 21 31.6	60.264
3		40 14.82	60 16 42.7	1	1	3.89	7.1	40 21.99	60 16 8.4	60.267
		42 59.64	65 5 6.7	0	6					

β Reticuli

ZONA 97 A (Conclusión)

Nº	Mag.	Hilo medio	Lectura del círculo	Rev.	Microm.	Red. al lug. med.		A. R. 1914.0	Decl. 1914.0	C. P. D.
4		3 ^h 48 ^m 49. ^s 74	60°41'43.1	1	6	-3.87	-7.0	3 ^h 48 ^m 56. ^s 95	60°41'9.9	60°271
5		50 3.12	60 37 27.9	-3	7	3.87	7.0	50 10.33	60 36 55.0	60.272
6		52 48.63	58 12 2.3	2	1	3.90	7.2	52 55.74	58 11 25.7	58.325
7		55 22.15	57 41 13.2	1	4	3.89	7.2	55 29.26	57 40 36.5	57.600
8		59 45.04	57 27 54.6	-3	0	3.89	7.2	59 52.14	57 27 17.3	57.612
9	8.0	4 2 28.32	59 11 51.9	1	0	3.86	7.0	4 2 35.49	59 11 16.1	59.308
10		4 33.76	60 6 54.7	1	3	3.85	6.9	4 40.97	60 6 20.3	60.289
11	8.7	7 0.41	58 43 22.9	-2	0	3.86	7.0	7 7.57	58 42 46.7	58.347
12		9 56.16	61 36 29.8	1	3	3.82	6.7	10 6.44	61 35 56.6	61.309
13		11 52.94	58 14 56.0	-1	7	3.86	6.9	12 0.09	58 14 20.2	58.358
14	8.8	12 42.93	57 58 13.8	-2	1	3.86	7.0	12 50.08	57 57 36.9	58.359
15		14 52.59	59 31 7.3	1	98	3.83	6.8	14 59.80	59 30 31.4	59.324
16	8.5	16 50.51	58 38 2.3	-2	99	3.84	6.8	16 57.69	58 37 25.7	58.371
		20 49.94	63 35 56.3	0	96					
17		22 24.35	57 16 33.8	1	4	3.85	6.9	22 31.49	57 15 56.4	[γ Reticuli] 57.659
18		25 59.60	59 34 25.5	-1	99	3.81	6.6	26 6.83	59 33 49.8	59.346
		28 5.20	45 9 5.9	-1	2					[δ Coeli] 57.670
19		30 45.29	57 17 0.5	2	6	3.84	6.7	30 52.44	57 16 30.2	57.674
20	8.6	32 28.84	56 56 48.6	1	98	3.84	6.7	32 35.99	56 56 17.2	57.680
21	8.7	34 57.78	57 43 37.0	-2	8	3.82	6.6	35 4.96	57 43 0.5	58.411
22	8.5	37 6.09	58 38 8.9	-2	5	3.80	6.5	37 13.31	58 37 32.9	57.688
23	9.0	39 27.19	56 57 9.0	2	75	3.83	6.6	39 34.35	56 56 26.6	[μ Mensae] 58.426
		43 47.14	71 5 40.5	0	1					
24	8.9	46 33.19	58 53 38.9	-2	98	3.78	6.3	46 40.45	58 53 1.6	57.707
25	8.5	48 33.47	57 53 16.8	-2	0	3.77	6.4	48 40.71	57 52 39.1	60.350
26	8.4	51 10.50	60 47 10.1	2	1	3.73	6.1	51 17.86	60 46 35.5	58.437
27		53 21.05	58 41 43.0	1	99	3.77	6.2	53 28.31	58 41 5.8	58.442
28		56 29.54	58 20 51.9	0	6	3.77	6.2	56 36.79	58 20 15.3	61.396
29	8.9	58 25.58	61 5 22.8	0	3	3.71	6.0	58 32.96	61 4 48.8	59.415
30		1 41.86	59 12 12.3	2	2	3.74	6.0	5 1 49.17	59 11 35.9	57.735
31		3 54.78	57 36 1.2	1	4	3.77	6.1	4 2.02	57 35 23.3	60.377
32		5 26.02				3.72		5 33.37		58.474
33	8.6	8 56.08	58 36 8.0	1	95	3.71	5.9	9 3.37	58 35 29.8	57.463
34	8.9	11 32.54	51 25 30.0	0	97	3.76	5.9	11 39.78	57 24 50.8	[ν Doradus] 58.493
		13 41.42	67 17 23.6	2	94					[ξ Pictoris] 60.415
		17 8.48	50 42 40.0	-3	95					59.472
35	8.6	19 44.82	58 11 59.1	1	1	3.73	5.7	19 52.11	58 11 21.0	57.824
36		23 5.22	60 2 24.4	2	0	3.68	5.5	23 12.61	60 1 48.2	60.434
37		24 56.52	58 59 43.2	-1	99	3.70	5.5	25 3.86	58 59 5.7	57.837
38	9.0	27 56.57	57 55 30.1	0	0	3.72	5.5	28 3.86	57 54 51.5	57.847
39	8.9	30 17.13	60 51 29.8	1	5	3.64	5.3	30 24.58	60 50 55.1	58.535
40		31 59.10	57 9 6.9	-1	98	3.73	5.4	32 6.37	57 8 27.1	57.872
41	8.8	34 3.29	57 12 5.5	2	95	3.72	5.4	34 10.57	57 11 25.2	57.875
42	8.4	37 12.39	58 19 38.6	-1	2	3.69	5.3	37 19.72	58 19 0.5	59.522
43	8.8	39 40.87	57 29 36.9	-1	6	3.70	5.2	39 48.17	57 28 58.4	58.581
44		41 10.79	57 57 49.1	-3	15	3.69	5.2	41 18.11	57 57 12.5	59.538
		44 29.34	65 46 34.2	1	0					[ω Doradus] 59.546
45		48 27.05	59 52 24.8	2	90	3.62	4.9	48 34.50	59 51 46.3	57.923
46		50 12.28	58 45 26.7	0	90	3.65	4.9	50 19.62	58 44 47.0	
47		52 56.93	59 47 45.0	-3	0	3.62	4.8	53 4.38	59 47 7.9	
48		54 36.27	59 13 11.7	-2	94	3.63	4.8	54 43.70	59 12 33.1	
49		56 39.59	57 23 16.5	-2	12	3.67	4.8	56 46.93	57 22 38.4	

CONSTANTES INSTRUMENTALES

1914		Plano de colim.	$c-x$	i	a	n	1914		Plano de colim.	$c-x$	i	a	n		
Ene.	4	9.995	-0.033	-0.007	-0.189	+0.159	Jun.	18	9.948	-0.086	-0.013	+0.387	-0.310		
	6	93	40	+ .008	216	173		26	48	86	049	332	244		
	11	85	66	+ .008	207	166		Jul.	3	47	- 190	069	+ 366	261	
	18	78	89	0	183	150			16	47	+ 156	-046	227	160	
	20	76	95	- .010	119	103			17	47	156	017	211	163	
	26	73	.105	035	195	175			19	48	152	049	255	182	
	27	72	.108	051	200	207			24	49	149	036	260	193	
	28	72	- .108	035	146	140			30	49	49	082	336	229	
						31	50		46	085	210	123			
Feb.	1	71	+ .078	059	+ .009	024	Ago.	1	50	46	082	291	0191		
	2	71	78	045	- 054	074		2	50	46	095	263	162		
	4	71	78	094	094	130		3	50	46	085	217	144		
	8	71	78	023	071	071		4	50	+ 146	127	215	104		
	9	71	78	053	121	129		9	51	- 177	010	294	234		
	10	71	78	068	127	143		23	51	- 77	046	280	203		
	11	71	78	068	065	095		24	51	77	020	225	188		
	15	72	74	036	196	181		25	51	77	- .010	273	218		
	16	72	74	064	186	189		Sept.	1	50	80	+ .013	269	228	
	24	74	68	060	092	110			2	50	80	- .003	242	197	
	25	74	+ 68	068	172	180			7	50	80	003	229	186	
	Mar.	3	73	- 105	086	290			287	8	50	- 180	020	249	193
		8	70	15	130	144			193	20	48	+ 152	020	179	135
9		69	18	163	115	187	28	45	62	- .036	368	281			
10		68	21	179	108	191	Oct.	4	43	69	+ .008	288	240		
15		66	28	121	220	27		5	43	69	- .023	325	254		
16		65	31	143	27	225		6	43	69	016	285	224		
22		61	44	169	156	225		7	42	72	013	287	229		
24		60	47	169	115	205		11	41	75	036	423	323		
25		60	47	222	249	331	25	37	88		191	088			
29	57	- 57	189	124	209	26	37	188	127	222	115				
Abr.	2	55	+ 130	163	108	177	Nov.	1	35	229	104	115	068		
	3	55	30	143	040	114		3	35	229	108	111	029		
	4	55	30	134	084	156		4	35	229	082	116	048		
	5	55	30	147	084	153		9	35	229	095	165	081		
	9	54	33	130	066	128		15	35	229	068	158	091		
	12	54	33	198	030	135		16	35	229	078	170	095		
	17	54	33	108	126	167		17	35	229	069	222	143		
	19	53	36	095	111	145		24	35	229	052	131	078		
	23	53	36	082	089	120		29	35	229	055	155	095		
	30	52	39	036	114	115		Dic.	1	35	229	075	089	027	
	May.	1	52	39	026	128			121	2	35	229	078	145	071
2		52	39	- .021	088	084	9		35	- 229	114	085	094		
3		52	39	0	075	062	15		35	+ 194	189	200	056		
8		51	43	+ .003	018	013	16		35	+ 194	205	220	064		
10		51	+ 143	- .013	- 029	+ .032	21		35	194	179	234	090		
23		50	- 180	+ .059	+ 251	- 240	22		35	194	185	230	077		
28		49	183	- .010	234	186	23		35	194	176	207	069		
Jun.		4	49	183	016	290	228		29	35	+ 194	127	332	- 200	
	11	49	83	039	287	213									
	12	49	83	- .055	311	223									

ELEMENTOS METEOROLÓGICOS

Hora	B	T	t	Hora	B	T	t	Hora	B	T	t
Zona 1											
6.3	63.1	21.0	19.2								
7.2	63.0	20.4	19.0								
7.8	62.9	20.0	18.7								
Suspendidas las observaciones a causa de nubes											
Zona 2											
6.1	63.7	23.7	22.2								
6.9	63.2	23.0	22.2								
8.0	62.7	22.5	21.7								
9.0	62.7	22.5	21.7								
Zona 3											
6.1	60.8	24.3	23.9								
6.9	60.5	24.4	24.1								
8.1	60.3	24.0	23.6								
Nubes											
Zona 4											
6.1	59.2	23.4	22.3								
7.5	59.6	22.5	22.5								
8.6	59.9	21.8	20.6								
Nubes											
Zona 5											
6.0	62.0	24.8	24.4								
6.8	61.8	24.5	24.0								
7.8	61.8	24.0	23.6								
Zona 6											
6.1	65.0	19.7	17.6								
6.9	65.0	18.9	17.2								
7.8	65.1	18.5	17.0								
8.8	65.0	18.3	16.8								
10.1	64.2	17.8	16.4								
Zona 7											
6.0	60.7	21.5	20.5								
6.9	60.7	21.3	20.4								
8.1	60.6	21.0	20.0								
9.2	60.3	20.4	19.8								
				Zona 8							
				6.1	62.7	23.0	22.2				
				7.2	62.8	22.5	21.8				
				8.2	62.9	22.5	21.8				
				9.5	62.9	22.3	21.5				
				Zona 9							
				6.1	65.6	19.0	16.8				
				6.8	65.6	18.0	16.4				
				7.7	65.1	17.7	16.2				
				8.5	64.9	17.5	15.8				
				Zona 10							
				6.1	62.2	20.7	19.6				
				6.9	60.0	20.4	19.4				
				7.8	60.0	20.0	18.9				
				8.6	60.0	20.0	18.9				
				10.0	59.8	20.4	20.0				
				Zona 11							
				6.1	63.0	19.0	17.8				
				7.2	63.2	18.5	17.0				
				8.2	63.7	18.4	17.2				
				8.8	63.7	18.4	17.0				
				9.8	63.5	18.5	17.7				
				Imágenes difusas							
				Zona 12							
				6.3	58.6	20.5	19.1				
				7.5	58.7	19.8	18.2				
				8.4	58.7	19.2	17.3				
				Zona 13							
				6.1	59.4	19.8	18.0				
				6.9	59.9	19.3	17.6				
				8.0	60.4	18.6	17.4				
				8.8	60.8	18.5	17.6				
				10.1	60.6	18.3	17.5				
				Zona 14							
				6.1	62.1	20.4	19.1				
				7.1	62.0	19.9	19.0				
				8.1	62.2	20.1	19.4				
				8.6	62.2	20.1	19.6				
				10.0	62.4	20.5	19.8				
								Zona 15			
								6.1	62.2	22.4	21.5
								6.9	62.4	21.9	21.2
								7.6			20.5
								8.0	62.5	21.5	20.9
								8.4			21.2
								8.8	62.8	21.6	21.3
								9.3			21.4
								10.1	62.5	21.7	21.5
								Nubes			
								Zona 16			
								7.0	63.7	20.2	19.6
								7.6			19.8
								7.8	63.7	20.2	19.5
								8.6			19.4
								9.1	63.4	19.8	19.2
								9.8	63.2	19.6	19.1
								10.5			19.0
								11.0	63.2	19.4	18.9
								Zona 17			
								7.0	62.5	21.2	20.4
								7.4			20.4
								7.8	62.5	20.9	20.6
								8.5			20.8
								9.0	62.5	21.0	20.6
								9.6			20.5
								10.0	62.0	20.9	20.4
								10.6			20.2
								11.0	61.7	20.0	19.6
								Zona 18			
								7.0	67.0	19.0	17.0
								7.4			16.7
								8.0	67.2	18.2	16.6
								8.5			16.4
								9.1	67.2	17.8	16.2
								9.8	67.3	17.6	16.2
								Imágenes muy difusas			
								Zona 19			
								7.0	65.8	19.5	18.1
								7.4			18.2
								8.0	65.7	19.4	18.4

Hora	B	T	t	Hora	B	T	t	Hora	B	T	t
Zona 19 (Conclusión)				Zona 25				Zona 31 (Conclusión)			
8.5			18.4	8.0	58.7	20.9	20.0	10.8	64.4	17.7	17.0
9.0	65.9	19.3	18.5	8.5			19.4	11.5	64.3	17.6	17.2
9.6			18.6	9.0	58.7	20.2	19.8	12.0	64.2	17.6	17.1
10.0	66.0	19.3	18.7	10.0	58.8	20.3	19.8	12.6	64.2	17.5	17.0
11.1	66.0	19.0	18.2	Imágenes movedizas				13.0	64.2	17.5	16.8
Zona 20				Zona 26				13.5	64.1	17.4	16.7
8.0	60.0	20.5	18.8	8.0	57.1	19.9	19.7	14.0	64.1	17.3	16.8
9.0	59.8	19.8	18.4	8.5			19.4	Zona 32			
9.5			18.2	9.0	57.4	19.8	19.4	10.0	64.0	18.7	18.2
10.0	59.6	19.3	17.8	9.5			19.4	10.4	64.0	18.6	18.1
10.6			17.6	10.1	57.4	19.6	19.3	11.0	64.0	18.5	17.8
11.1	59.6	18.8	17.3	11.0	57.6	19.3	18.8	11.5	64.1	18.4	17.8
Zona 21				Zona 27				12.0	64.1	18.4	17.7
7.8	66.1	18.7	17.3	8.0	67.0	17.0	14.5	12.5	64.1	18.4	17.7
8.5	66.2	18.6	17.4	8.5			14.2	12.9	64.1	18.4	18.0
9.0			17.3	9.0	66.7	15.5	13.6	13.5	64.0	18.2	17.9
9.7			17.8	9.8	66.7	15.0	13.0	14.0	64.0	18.0	17.1
10.8	66.6	19.2	18.8	10.5	66.7	15.0	12.6	Zona 33			
11.3			18.7	Imágenes difusas y movedizas				10.0	63.5	19.1	18.5
11.8	66.3	19.3	18.7	Zona 28				10.5	63.6	18.9	18.4
Zona 22				8.0	67.4	16.5	14.3	11.0	63.7	18.8	18.3
7.8	67.1	18.7	17.6	8.5			14.0	11.7	63.8	18.8	18.5
8.8	67.0	18.6	17.6	8.9	67.7	15.3	13.6	12.0	63.8	18.8	18.2
9.0	67.0	18.7	17.9	10.0	67.7	14.6	13.2	12.8	63.7	18.6	18.0
9.5	67.0	19.0	18.2	11.1	67.7	14.5	13.0	12.9	63.6	18.5	18.0
10.0	67.1	19.0	18.4	11.4			13.0	Zona 34			
10.5			18.4	12.1	67.6	14.2	12.6	9.8	65.6	17.2	16.6
11.0	67.6	19.3	19.0	Zona 29				10.6	65.8	17.0	16.4
Zona 23				8.5	63.8	17.0	15.7	11.0	65.9	16.9	16.1
7.5	66.8	18.5	16.8	9.0	63.8	16.7	15.4	11.8	66.0	16.8	15.6
8.0			16.8	9.4			15.2	12.1	66.0	16.7	15.5
8.5	66.8	18.2	16.7	10.0	63.8	16.2	15.1	Zona 35			
9.0			17.2	10.4			15.0	9.9	64.6	17.5	16.4
9.5	66.6	18.8	18.2	11.5	63.8	15.9	14.8	10.5	64.6	17.3	16.2
10.2	66.5	19.0	18.4	12.0	63.8	15.8	15.2	10.9	64.6	17.1	15.8
10.8	66.4	19.1	18.8	Zona 30				11.5	64.6	16.7	15.5
11.5			18.8	9.9	65.7	17.3	16.4	12.0	64.6	16.5	15.2
12.0	66.4	19.4	18.8	10.6	65.7	16.8	16.3	12.5	64.5	16.2	14.9
Zona 24				10.8	65.7	16.5	16.1	13.0	64.5	16.0	15.1
8.1	58.2	19.2	18.4	11.5	65.8	16.4	15.8	Nubes			
8.8			17.9	12.0	65.9	16.4	15.8	Zona 36			
9.3	58.2	18.6	18.0	13.0	65.8	16.3	15.8	10.6	68.1	13.4	12.8
9.5			18.0	Imágenes difusas y movedizas				10.9	68.0	13.3	12.6
10.0	58.3	18.5	17.8	Zona 31				11.0	68.0	13.3	12.6
10.6			17.6	9.5	64.4	18.0	17.5	11.2	68.0	13.2	12.4
11.0	58.3	18.2	17.6	10.4	64.4	17.8	17.1	11.4	68.0	13.1	12.3
11.5			17.4					12.0	68.0	12.8	12.1
12.0	58.3	17.9	17.4								

Hora	B	T	t	Hora	B	T	t	Hora	B	T	t
Zona 36 (Conclusión)				Zona 42 (Conclusión)				Zona 48			
12.9	67.9	12.5	11.9	13.1	70.1	14.1	13.8	13.0	63.1	10.5	9.1
13.5	67.9	12.4	11.8	13.5	70.0	14.1	13.8	13.5			8.9
14.0	67.9	12.2	11.7	14.0	70.0	14.0	13.6	13.8	63.0	10.0	8.6
				14.5	70.0	13.9	13.4	14.6			8.8
				14.9	70.0	13.9	13.2	15.0	62.7	9.8	8.8
				15.5	70.0	13.7	12.8	15.5			9.0
				16.0	70.0	13.5	12.8	16.0	61.9	10.0	8.9
Zona 37				Zona 43				Imágenes difusas			
12.0	66.2	15.0	14.5	12.0	63.2	16.0	15.8	Zona 49			
12.5	66.0	14.8	14.3	12.5	63.2	16.4	16.3	14.0	60.9	12.3	11.6
13.0	65.9	14.6	13.9	12.9	63.3	16.6	16.5	14.4			11.9
13.5	65.9	14.6	14.0	13.3	63.2	17.0	17.0	15.5	61.0	12.5	12.2
14.0	65.9	14.6	14.2					16.0	61.1	12.5	12.2
				Nubes				16.8			11.8
				Zona 44				17.1	61.5	12.4	11.8
				12.0	65.5	13.8	12.4	Imágenes difusas. Neblina			
				12.5	65.4	13.5	12.0	Zona 50			
				12.9	65.3	13.2	11.6	14.0	66.8	10.5	9.4
				13.5	65.5	13.0	11.6	14.5			9.4
				13.9	65.7	12.8	11.4	15.0	66.6	10.2	9.5
				14.5	65.6	12.7	11.0	15.5			9.8
				14.9	65.6	12.5	11.0	16.0	66.3	10.5	10.0
				Zona 45				16.5			8.4
				12.8	62.0	16.8	15.6	17.0	66.8	10.0	8.2
				13.4	61.9	16.5	14.9	17.5			7.8
				13.7	61.9	16.0	14.7	18.0	66.7	8.8	7.8
				14.2	62.0	15.6	14.6	Zona 51			
				14.8	62.0	15.3	14.2	14.8	63.9	11.6	11.4
				15.4	61.9	14.9	13.8	15.0	63.9	11.7	11.6
				16.0	61.9	14.5	13.2	15.5	64.0	11.7	11.4
				Imágenes difusas				15.8	64.0	11.8	11.4
				Zona 46				16.5	64.0	11.7	11.2
				12.5	62.0	12.0	11.2	16.1	64.0	11.6	11.2
				13.0	62.0	11.8	11.2	Neblina			
				13.7	62.1	11.8	11.2	Zona 52			
				13.9	62.1	11.7	11.2	15.3	63.0	11.9	10.8
				14.0	62.2	11.7	11.0	15.7	63.1	11.6	10.6
				15.0	62.2	11.5	11.0	16.0	63.2	11.5	10.4
				15.5	62.1	11.5	10.8	16.4	63.3	11.4	10.5
				16.0	62.0	11.5	11.0	17.0	63.4	11.3	10.0
				Imágenes difusas				Zona 53			
				Zona 47				15.8	62.6	14.2	13.8
				13.0	61.8	11.9	10.8	16.7	62.4	14.1	13.6
				13.5			11.0	17.2	62.3	14.0	13.6
				14.0	61.8	11.5	11.0	17.3	62.3	14.0	14.0
				14.4			11.2	17.7	62.3	14.9	13.7
				15.0	61.8	11.9	11.2	18.1	62.3	13.9	13.6
				15.6	61.9	12.4	11.8	18.5	62.3	14.0	14.0
Zona 38											
12.0	60.8	18.6	18.2								
12.6	60.7	18.4	18.2								
13.1	60.7	18.2	17.6								
13.8	60.7	17.7	17.2								
14.0	60.7	17.6	17.2								
14.3	60.7	17.8	17.2								
14.8	60.6	17.8	17.3								
15.0	60.6	17.9	17.4								
16.0	60.3	17.5	17.2								
Zona 39											
12.0	71.8	12.0	10.4								
12.5	71.7	11.8	10.3								
13.1	71.7	11.5	10.2								
13.6	71.6	11.3	10.2								
14.0	71.5	11.2	10.0								
14.5	71.4	11.1	10.0								
15.0	71.4	11.0	10.0								
16.0	71.3	10.9	9.8								
Imágenes difusas toda la noche											
Zona 40											
12.6	69.5	12.5	11.8								
12.5	69.5	12.4	11.5								
12.9	69.5	12.2	11.5								
13.5	69.5	12.0	11.2								
14.0	69.6	11.9	11.1								
14.8	69.5	12.1	11.5								
Nubes											
Zona 41											
12.0	71.3	12.8	11.6								
12.6	71.3	12.6	11.4								
13.0	71.3	12.4	11.4								
13.8	71.2	12.3	11.6								
14.8	71.2	12.2	11.6								
Zona 42											
12.0	70.1	14.3	14.0								
12.5	70.1	14.2	13.8								

Hora	B	T	t	Hora	B	T	t	Hora	B	T	t
Zona 53 (Conclusión)				Zona 59				Zona 64 (Conclusión)			
19.0	62.2	14.0	13.8	16.6	69.0	9.4	8.4	19.5	53.3	10.1	9.0
19.3	62.2	14.0	13.7	17.0	69.0	9.1	8.2	20.2	53.4	10.0	9.0
20.1	61.9	13.8	13.6	18.0	69.1	9.0	8.0	20.6	53.7	10.0	9.0
Zona 54				Zona 60				Zona 65			
17.3	59.6	14.5	14.6	16.0	68.6	10.0	8.8	17.9	63.0	10.5	9.4
17.6	59.7	14.6	14.9	16.3	68.6	10.0	9.0	18.5	63.0	10.2	9.2
18.0	59.8	14.7	15.0	17.0	68.6	9.9	9.0	19.0	63.1	9.9	9.0
18.5	59.9	14.7	14.8	17.5	68.5	9.8	9.2	19.5	63.0	9.7	8.9
18.8	60.0	14.7	14.8	18.0	68.5	9.7	8.9	20.4	63.0	9.5	8.6
19.0	60.0	14.7	14.5	18.5	68.5	9.6	8.8	21.0	63.1	9.2	8.3
20.1	60.0	14.4	14.1	19.0	68.5	9.5	8.7	21.5	63.1	9.0	8.2
Nubes				Zona 61				Zona 66			
Zona 55				Zona 62				Zona 67			
17.4	61.5	11.5	10.5	17.9	62.6	11.5	11.3	19.6	61.7	11.3	10.6
17.7	61.5	11.3	10.4	18.5	62.6	11.4	10.8	20.0	61.7	11.2	10.5
18.1	61.5	11.0	10.3	19.0	62.6	11.2	10.8	20.6	61.7	11.0	10.4
18.5	61.5	11.0	10.0	19.6	62.6	11.3	11.0	20.8	61.8	11.0	10.4
19.0	61.5	10.9	10.4	19.9	62.6	11.3	11.0	Cielo velado			
Neblina				Zona 63				Zona 68			
Zona 56				Zona 64				Zona 69			
16.6	58.6	12.7	12.0	17.4	55.3	18.4	18.3	18.7	69.2	11.5	10.2
17.3	58.9	12.5	11.7	18.0	55.3	18.2	18.1	19.0	69.2	11.1	9.8
17.4	59.2	12.4	11.6	18.9	55.2	18.1	18.2	19.3	69.2	10.9	9.6
18.2	59.6	12.3	11.6	Nubes. Fuerte viento				20.0	69.2	10.5	9.0
Zona 57				Zona 65				20.5	69.2	10.0	8.4
16.6	66.9	9.8	9.4	16.6	67.0	12.4	12.8	21.0	69.3	9.6	8.2
17.0	66.9	9.8	9.4	17.0	66.9	12.0	12.5	21.5	69.4	9.2	7.6
17.6	66.9	9.6	9.1	17.6	66.8	11.9	11.4	22.0	69.4	8.9	7.3
18.3	67.0	9.5	9.0	17.0	66.6	11.5	10.9	22.5	69.5	8.8	7.2
18.5	67.0	9.5	9.0	18.6	66.7	11.1	10.4	Imágenes difusas			
19.0	67.0	9.5	9.0	19.0	66.7	11.0	10.1				
19.3	67.0	9.5	9.1	19.5	66.7	10.9	10.4				
20.1	67.0	9.3	8.7	20.0	66.6	10.8	10.2				
20.7	66.7	9.2	8.6	20.5	66.7	10.6	10.0				
21.1	66.5	9.2	8.6	21.0	66.8	10.5	10.2				
Zona 58				Zona 66				Zona 69			
16.6	65.0	11.5	11.4	16.6	67.0	12.4	12.8	18.7	69.2	11.5	10.2
17.0	65.0	11.5	11.3	17.0	66.9	12.0	12.5	19.0	69.2	11.1	9.8
17.5	64.9	11.5	11.2	17.6	66.8	11.9	11.4	19.3	69.2	10.9	9.6
18.0	64.9	11.4	11.1	17.0	66.6	11.5	10.9	20.0	69.2	10.5	9.0
18.5	65.0	11.4	11.3	18.6	66.7	11.1	10.4	20.5	69.2	10.0	8.4
19.0	65.1	11.4	11.3	19.0	66.7	11.0	10.1	21.0	69.3	9.6	8.2
19.5	65.2	11.5	11.2	19.5	66.7	10.9	10.4	21.5	69.4	9.2	7.6
20.0	65.2	11.4	11.0	20.0	66.6	10.8	10.2	22.0	69.4	8.9	7.3
20.7	65.3	11.3	10.8	20.5	66.7	10.6	10.0	22.5	69.5	8.8	7.2
20.8	65.3	11.2	10.8	21.0	66.8	10.5	10.2				
21.6	65.3	11.1	10.8	21.5	66.7	10.5	10.2				
22.1	65.3	11.1	10.8	22.1	66.6	10.5	9.9				

Hora	B	T	t	Hora	B	T	t	Hora	B	T	t
Zona 69 (Conclusión)				Zona 75 (Conclusión)				Zona 80 (Conclusión)			
22.6	69.5	8.7	7.2	21.6	67.6	11.6	10.5	0.5	53.1	15.4	14.5
23.1	69.5	3.3	6.8	22.4	67.4	11.5	10.5	1.0	53.3	15.1	14.2
23.5	69.6	8.0	6.8	22.9	67.0	11.4	10.6	1.4	53.6	14.8	13.9
Zona 70				Zona 76				Zona 81			
19.0	70.7	8.8	8.0	20.5	61.8	14.0	13.1	2.0	53.9	14.6	13.6
19.6	70.7	8.5	7.8	21.0	61.8	13.7	13.1	2.6	54.1	14.5	13.4
20.0	70.7	8.2	7.3	21.3	61.8	13.4	13.0	3.2	54.2	14.4	13.2
20.5	70.7	8.0	6.8	21.5	61.8	13.3	12.7	Zona 82			
21.0	70.7	7.8	6.6	22.0	61.8	13.1	12.4	22.5	67.0	13.0	12.0
21.5	70.7	7.6	6.6	22.8	61.8	12.9	11.8	23.5	67.0	12.4	11.4
22.0	70.8	7.5	6.4	23.0	61.8	12.7	11.8	0.0	67.0	11.7	11.0
22.5	70.8	7.4	6.2	24.0	61.9	12.6	11.8	0.7	67.1	11.6	10.6
23.0	70.8	7.3	6.2	Imágenes difusas y movedizas				1.0	67.2	11.5	10.4
Zona 71				Zona 77				1.6	67.1	11.4	10.4
19.9	67.5	11.5	10.9	21.3	61.1	17.0	16.8	2.0	67.1	11.3	10.2
20.6	67.5	11.5	11.2	21.8	61.0	17.0	16.9	Nubes			
21.0	67.4	11.5	11.1	22.0	61.0	17.0	16.7	Zona 83			
21.4	67.4	11.5	11.2	22.5	61.0	17.0	16.8	22.8	64.8	12.3	11.4
22.0	67.4	11.4	11.1	23.0	60.9	16.9	16.9	23.5	64.8	12.1	11.2
22.5	67.2	11.2	10.8	23.5	60.9	17.2	17.0	0.0	64.8	11.9	10.9
23.3	66.8	11.0	10.8	24.0	60.9	17.6	18.0	0.7	64.8	11.8	11.0
Nubes				Zona 78				1.0	64.8	11.7	10.9
Zona 72				22.0	69.5	11.0	10.4	1.6	64.8	11.6	10.6
20.0	64.8	11.6	11.0	22.5	69.5	10.8	10.0	2.0	64.8	11.5	10.7
20.8	64.8	11.4	10.5	23.0	69.5	10.5	9.9	Nubes			
21.0	64.8	11.2	10.5	23.6	69.5	10.3	9.8	Zona 84			
21.6	64.8	11.0	10.1	24.0	69.6	10.1	9.6	23.4	62.0	17.0	16.1
22.1	64.8	10.8	10.1	0.6	69.6	10.0	9.4	0.0	62.3	16.5	15.8
22.4	64.8	10.5	10.1	1.0	69.6	9.8	9.4	0.5	62.3	16.1	15.4
23.1	64.7	10.3	9.8	1.5	69.6	9.9	9.4	1.1	62.3	15.7	15.0
23.5	64.5	10.2	9.7	2.0	69.6	10.0	9.6	1.5	62.3	15.5	14.4
24.0	64.4	10.1	9.6	Zona 79				2.0	62.3	15.3	14.6
Zona 73				21.9	70.0	13.4	12.6	Imágenes muy difusas			
21.3	69.9	12.5	11.2	22.5	70.0	13.0	12.2	Zona 85			
21.9	70.0	11.9	10.5	23.1	70.0	12.6	12.0	23.6	61.8	17.7	17.0
22.5	70.1	11.5	10.1	23.5	70.0	12.4	11.9	0.0	61.8	17.4	16.4
Zona 74				0.0	70.1	12.2	11.8	0.4	61.8	17.1	16.4
20.5	73.4	11.9	10.3	0.5	70.1	12.0	11.5	1.0	61.8	16.7	16.1
21.0	73.5	11.5	10.1	1.0	70.0	11.8	11.2	1.5	61.8	16.7	16.1
21.6	73.6	11.1	9.6	1.5	70.0	11.8	11.4	2.0	61.8	16.5	16.1
22.1	73.6	11.0	9.4	2.0	69.9	11.9	11.2	Zona 80			
22.8	73.7	10.6	9.4	Zona 80				Zona 85			
23.0	73.7	10.5	9.2	22.1	52.2	16.7	15.8	23.6	61.8	17.7	17.0
23.5	73.7	10.5	9.2	22.6	52.4	16.4	15.4	0.0	61.8	17.4	16.4
24.0	73.7	10.2	8.8	23.0	52.5	16.0	15.2	0.4	61.8	17.1	16.4
Cielo velado				23.5	52.7	15.8	15.0	1.0	61.8	16.7	16.1
Zona 75				0.0	52.9	15.6	14.9	1.5	61.8	16.5	16.1
20.3	67.9	12.2	10.9	Zona 80				Zona 85			
21.0	67.7	11.8	11.0	22.1	52.2	16.7	15.8	23.6	61.8	17.7	17.0
				22.6	52.4	16.4	15.4	0.0	61.8	17.4	16.4
				23.0	52.5	16.0	15.2	0.4	61.8	17.1	16.4
				23.5	52.7	15.8	15.0	1.0	61.8	16.7	16.1
				0.0	52.9	15.6	14.9	1.5	61.8	16.5	16.1









