

NEW  
MADRAS GENERAL CATALOGUE  
OF 5303 STARS  
FOR THE EPOCH 1875.0

RESULTS  
OF  
OBSERVATIONS OF THE FIXED STARS

MADE WITH THE  
MADRAS MERIDIAN CIRCLE

UNDER THE DIRECTION OF THE LATE

NORMAN ROBERT POGSON, C.I.E., F.R.A.S.

BY

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VOL. IX.—GENERAL CATALOGUE

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*PUBLISHED BY ORDER OF THE GOVERNMENT OF MADRAS*

MADRAS  
PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS

1899

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## INTRODUCTION

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THE present catalogue contains the results obtained from the observations made with the Madras Meridian Circle in the years 1862 to 1887, under the direction of the late Government Astronomer, Mr. N. R. Pogson.

It is a matter for great regret that he was unable to complete the work to which he had given so much time and care, for at the time of his death much still remained to be done which no one else could do equally well. It had been my good fortune to have seen much of Mr. Pogson's work and to have discussed many of the questions connected with the preparation of the final catalogue with him, but many points have arisen in carrying out the work which have been settled with difficulty owing to ignorance of details which could not be gathered from the records or from the only surviving assistant who had taken part in the work.

The long delay in completing the work is due to a variety of causes into most of which it would be worse than useless to enter now. Some of them however must be mentioned. At the beginning of the work, and in fact for many years after, the staff of assistants was so small that Mr. Pogson concluded that it was impossible to make the reductions in duplicate, and even the star constants were not prepared in duplicate, though the calculations were nominally made by one assistant and checked by another. This checking was, however, in many cases purely nominal and consisted simply in making "ties" opposite the figures that were supposed to be checked. The natural result was that, when Mr. Pogson began to prepare the work for publication, he found that it was necessary to check most of the calculations that had been formerly made. That all errors of calculation have been eliminated is improbable, but no pains have been spared to secure this end. During the course of the revision of the later volumes it was found that large systematic errors existed which were finally traced to errors in the azimuths, and these, in turn, were found to be due to errors in the assumed places of some of the azimuth stars. This will be dealt with hereafter and is mentioned now only because of the delay caused by the necessary revision of all the star places affected by the errors in the assumed positions of the azimuth stars. During this revision it was found that, in some cases, the observations had been modified to suit the wrong azimuth, the supposed correction being carried back even to the original observation book! Fortunately these changes were not, in all cases, made in both copies of the star ledgers and, in such cases, it was easy to get back to the original. In the cases in which both copies had been changed this was more difficult, and where it was not possible to recover the original with certainty the observations were rejected. A few other observations have been rejected in which the times



of crossing the individual wires, when reduced to the centre, differed largely among each other, or when the observations were made through clouds. No observations have been rejected simply because they differed from other observations of the same star.

#### THE BUILDINGS AND INSTRUMENTS

These have already been described by Mr. Pogson in the first volume of this series, but it will probably be convenient to repeat part of the description. "The original Observatory, built in 1792, consisted of a single room, 40 feet long by 20 broad and 15 high inside, with massive walls, over 2 feet in thickness. The floor rests on beams supported entirely by the walls and detached from the instrumental basement, which consists of a solid pyramidal mass of masonry, 37 feet long by 6 feet wide at its upper surface, 6 feet in depth, and 45 feet long by 12 feet broad below; probably little less firm or massive than a solid rock of similar dimensions. A conical granite pier rests on the centre of this mass, 4 feet in diameter at its base, tapering up to 2 feet at its total height of 18 feet, and weighing certainly over 10 tons. This was the pier originally provided for the little 12-inch alt-azimuth by Troughton; while the small Transit by Stansliffe and the Transit-clock, both rested on granite supports each weighing about  $2\frac{1}{2}$  tons. When Mr. Taylor replaced the small instruments by the Dollond Transit and the Mural Circle in 1830, they were fixed on stone piers, the former as far east and the latter as far west as the basement would allow, on opposite sides of the great central conical frustum, which was retained in position as a huge counterpoise, though no longer used as a support for any instrument.

"The present Meridian Circle occupies the same position as Mr. Taylor's Transit-instrument, looking through the same slits in the roof and walls, which have, however, been made 22 inches wide instead of only 15 as formerly. Two brick piers were first erected for its reception, but these were condemned by Major Worster, in January 1859, and were replaced by excellent granite ones, under Major Tennant's superintendence, in 1860. Each of these piers measures  $4\frac{1}{2}$  feet by 2 and rises 4 feet above the floor of the room. Four composition blocks, each  $4\frac{1}{4}$  feet long by 2 wide and 2 feet 2 inches high, were sent out with the new instrument from England, and on two of these, surmounting the granite base piers, rests the Meridian Circle, with its pivot centres 6 feet 2 inches from the floor. The other two composition blocks or cap-stones support the counterpoise arrangements and raise the piers to a total height of 8 feet 4 inches. The clear space between the piers for the observer is 39 inches.

#### THE MERIDIAN CIRCLE

"This fine instrument, as already stated, was made by Messrs. Troughton and Simms, in consultation with the late Mr. R. C. Carrington, and its general excellence has proved most satisfactory. The clear aperture of the object glass is  $5\frac{1}{2}$  inches and its focal length about 50 inches; the magnifying powers of the eye pieces being very nearly as engraved

on each, viz., 105, 147, and 230. The middle power has been used throughout. A Bohnenberger eye-piece, power 106, was also supplied for determinations of the nadir point and level error.

“The horizontal axis consists of a central 12-inch cube and two cones, each 10 inches in diameter at the cube and in one casting of gun-metal therewith; bearing at their extremities the pivots, also of gun-metal, which are 3 inches in diameter and rest in brass Ys, adjustable vertically only by screw motion; any change in azimuth requiring the forcible bodily movement of the east pivot support by means of double wedges, but such adjustment has only been once needed since the instrument was finally mounted in 1862. The pivots and Ys are so well boxed in with close fitting brass covers that dust and moisture are effectually excluded.

“The two ends of the telescope are each screwed to the cube by twelve stout bolts. There are two nearly similar gun-metal, 42-inch circles, each firmly secured by eight screws to truly faced flanges, attached to the conical axes on opposite sides of the cube. The clear space between the two circles is just 30 inches. The eastern circle is coarsely divided, to 10' only, for setting, and is also intended as a handle for turning the instrument round. It is clipped by two clamps, with slow motions and tangent rods, which have generally been used for making bisections in preference to the micrometer of the eye-piece, ever a fruitful source of error in polar distance determinations. The western circle carries a rim of gold, inclined at a level of about  $12^\circ$  to the plane of the circle, to facilitate reading and illumination, and is divided with Messrs. Troughton and Simms' well-known precision into 5' spaces. The divisions are read off by six microscopes of very considerable magnifying power, so placed as to bring their micrometer eye-pieces within a circle of 30 inches diameter, and for the lower microscope to read zenith distances. Each microscope micrometer screw moves a pair of close parallel wires, the nearest division of the limb being brought midway between them instead of being bisected by cross wires. The divided circle is enclosed in a light, open-work box to shield it from accidental injury by the observer.

“The greatest source of delay and difficulty in mounting the instrument was in regard to the fixing of the six microscopes. It was evidently intended that they should be placed as they now are, for the lower one to read zenith distances, and the hole for it to look through was drilled in the lower part of the western pier in readiness. This however caused the upper microscope, in the cap-stone above, to come immediately above the flame of an argand lamp, provided for lighting up the field of view, or the wires in a dark field, and for the general illumination of the limb opposite to each microscope. It was soon found that the much smaller flame of a thin, flat wick gave ample illumination for the limb and also for the wires in a bright field, though not sufficient for the satisfactory use of bright wires in a dark field. With one of the slices cut out of the cap-stones. . . . a conical frustum, of 24 inches base and 19 at its face, was attached to the western pier, projecting 6 inches from it, and with a continuation of the 12-inch square space left for

the pivot supports, through its centre. By placing a small lamp therein, with a bent chimney to carry off all smoke and as much heat as possible, the difficulty was at last overcome; certainly not as arranged by Messrs. Troughton and Simms but quite effectual for the purpose. The conical projection lies between the micrometers, serving as a protection to them against possible injury, but is neither in the way nor in the least unsightly, and no one seeing the instrument for the first time would imagine for a moment that it was any addition to, or departure from, the original design. The light of the small lamp is guided and condensed by a frame of seven lenses; a large central one for illuminating the field, and six smaller ones for distributing it where required upon the divided limb under each microscope.

“Two pairs of brass arcs had been provided for the support of the other four microscopes; one pair for the eye-pieces and micrometers on the outside western face of the pier, and a larger pair, to bear the objectives on its eastern or inner side; apertures being also left in the composition stones for the long tubes connecting the eye-pieces and their objectives; but in order to fix the upper microscope after cutting out a  $9\frac{1}{2}$ -inch slice just where it had to come, two more similar metal arcs had to be cast and made up here.

\*                    \*                    \*                    \*                    \*

“Heavy counterpoises, with their fulcra resting on thick iron plates, crossing the cap-stones, relieve the Ys of most of the weight of the instrument, by means of two pair of 5-inch friction rollers, applied to grooves on the axis between the circles and pivots; small additional weights sufficing to lift it out of its bearings for cleaning and oiling. The residual pressure of the pivots upon each Y is about 10 or 12 lbs.

“A finder, 15 inches in length and  $1\frac{1}{2}$  in aperture was added to the telescope, presumably for estimating the magnitudes of the brighter stars, but its utility for that or any other purpose is very questionable.

“The telescope eye-piece was provided with a system of seven vertical and one horizontal spider lines, moveable each way by micrometer screws of practically the same thread. The single horizontal line was replaced by a close pair, about 12" apart, and bisections have throughout been made by bringing stars exactly midway between the two when crossing the centre vertical wire. For observations of Mars especially, the estimated equality of the segments above and below, was unquestionably better than tangential contacts of a single line with either north or south limb.

“For collimating, two 35-inch telescopes with  $2\frac{3}{4}$ -inch object glasses, are mounted on piers, level with the centre of the Transit-circle, inside the room, and at a distance of 57 inches from the object glass of the instrument when turned to either the north or south horizon. The central cube is pierced by two 4-inch circular apertures, so that the wires in each collimator can be seen through the other when the circle reads  $180^\circ$ . The south collimator micrometer moves horizontally, for fixing an approximate meridian line, and the north one vertically, so as to give a nearly horizontal line for flexure determinations.

Having only native assistants for observers and considering therefore that extreme simplicity would ensure the safest results, I did not adopt the Greenwich pattern of wires, but preferred simple crosses; that in the north collimator being arranged as in the sign  $\times$  and that in the south collimator as a  $\dagger$ , which I thought better suited to those who had to use them.

\*                    \*                    \*                    \*                    \*

“ A convenient transit observing seat runs on six rollers, between the circle piers, from one collimator pier to the other, and on the instrumental basement, a foot below the boarded floor in which are five hinged trap doors, is a railway for two moveable reflection troughs, besides a fixed circular one, vertically below the centre of the Transit-circle, for use with the Bohnenberger eye-piece, for nadir point and level error determinations.”

\*                    \*                    \*                    \*                    \*

After the completion of the observations which have been used in this catalogue, the roof over the transit-instrument was declared to be unsafe, owing to the beams having been badly attacked by white ants, and the instrument had to be somewhat hastily removed. Before replacing it Mr. Pogson took advantage of the opportunity to have the instrument thoroughly cleaned and for this purpose even the tube was, I believe, taken to pieces. When I took charge of the Observatory in July 1891 the instrument, though it was in use for time determinations, had never been completely re-adjusted, Mr. Pogson's fatal illness having begun before this work could be finished. It is necessary to mention this because it seems not improbable that some of the features of the instrument which, as it now stands, are unsatisfactory did not exist when the observations under discussion were made, but were introduced during the removal, cleaning, or re-erection. Perhaps the most important of these defects is that the plane of the divided circle is not truly perpendicular to the axis of rotation. Had this defect existed all along it could scarcely have eluded detection, and as I can find no reference to it in any of Mr. Pogson's papers, and as he never mentioned it to me it seems safe to assume that it was introduced after the observations were completed. Were the division errors accurately known for each division of the circle it might be possible to settle the question by an examination of the run determinations for one of the micrometers in different parts of the circle. The division errors have, however, been determined for only each space of 5 degrees. It may be added that by the time that the observations were completed the screws of the micrometers were so much worn that they formed very unsatisfactory instruments for such work.

The collimators seem to me another unsatisfactory feature. The object glasses of these, as already mentioned, are only  $2\frac{3}{4}$  inches in diameter and the definition is by no means good. The arrangement adopted for the spider lines was far from being satisfactory though possibly the best under the conditions imposed.

In the extract given above Mr. Pogson has described the plan which he adopted for diminishing the evils caused by the heat from the lamp used for illuminating the scale and

field, but my own experience when engaged in determining the circle errors, was that the remedy was far from perfect. Soon after the lamp was lighted the definition of the upper microscope became unsatisfactory, and much inferior to that of the other microscopes. By surrounding the microscope tube with another tube separated from it by an air space the trouble was reduced to a minimum.

#### CLOCK

The clock used throughout was a sidereal clock by Dent with mercurial compensation. In setting up the clock some of the mercury was accidentally spilt and though the amount lost was replaced as accurately as possible the compensation has never been quite satisfactory. The performance of the clock has, however, as Mr. Pogson states, "been good throughout and no better could be desired as a standard sidereal regulator." All observations were made by the eye and ear method.

#### OBJECTS SELECTED FOR OBSERVATION

"The objects selected for observation with the new Meridian-circle were; the brighter stars inclusive, down to the 5th magnitude; the moon and moon-culminating stars given in the Nautical Almanac; Mars and the stars observed with him at successive oppositions, on the Meridian, as well as those used east and west, with the equatorial, for parallax investigations; minor planets in opposition, if not under the 10th magnitude; comparison stars used for differential observations of comets and planets from 1861; all known variable stars; zero stars for maps of those objects on hand, and as many others, not below the 9th magnitude, as time would permit, between  $130^{\circ}$  and  $150^{\circ}$  Polar Distance, as determining stars for the zones of the Southern Survey, in extension of the late Professor Argelander's Great Northern Survey, which, with that distinguished astronomer's warm approval and advice I had intended to make my chief personal labour at Madras.

\* \* \* \* \*

"Finding that the Meridian-circle must be used by native observers only, who though good for the slow methodical processes of ordinary meridian observations, could never be entrusted with the more arduous work of zoning; the best course was to increase the former observing list by the addition of as many anonymous stars of more than  $120^{\circ}$  Polar Distance as could be found, not less than the 8th magnitude. No star was to be observed on less than five nights and all objects of more than ordinary interest on at least ten nights, and this has been adhered to throughout, wherever possible."

#### EXPLANATION OF THE SEVERAL COLUMNS OF THE CATALOGUE

##### *Left-hand page*

"No."—The rotation number.

"B.A.C."—The number in the British Association Catalogue of 8,377 stars.

"Star's name."—For northern stars contained in the British Association Catalogue, the nomenclature of that catalogue has usually been retained. For southern stars the

nomenclature of the Argentine General Catalogue has been adopted, but with the addition, in some cases, of Flamsteed's number. For stars which are not named in either of these catalogues, references are given, as far as possible, to one or other of the following catalogues :—

- Brisbane's Catalogue of 7,385 stars for 1825.
- C.G.A.—The Argentine General Catalogue for 1875·0.
- C.P.D.—The Cape Photographic Durchmusterung.
- C.Z.—Cordoba Zones.
- B.D.—Bonn Durchmusterung.
- Groombridge's Catalogue.
- Lalande's Catalogue, published by the British Association.
- O.A.N.—Argelander's Zones by Oeltzen, north of  $-15^{\circ}$ .
- O.A.S.—The same from  $-15^{\circ}$  to  $-31^{\circ}$ .
- Paris—Catalogue de l'Observatoire de Paris.
- Piazzi's Catalogue, Edition, 1814.
- Radcliffe Catalogue for 1845·0 by Johnson.
- R.P.L.—Catalogue of 164 stars within  $6^{\circ}$  of the north pole, in Radcliffe Observations, Vol. XVI.
- Romberg's Catalogue of 5,634 stars for 1875·0.
- W.B.E.—Bessel's Zones by Weisse within  $15^{\circ}$  of the equator.
- W.B.N.—The same north of  $+15^{\circ}$ .
- Stone's Cape Catalogue for 1880·0.
- Yarnall's Washington Catalogue, Second Edition, 1878.

“Magnitude.”—The magnitudes of all stars included in the “Harvard Photometry” and “Southern Harvard Photometry” are taken from these catalogues. For stars not included in these the magnitudes have been taken from the Bonn Durchmusterung and from the Argentine General and Zone Catalogues. Where the magnitude is printed in italics it depends on the Madras observations which, except for the observer Ragoonatha Charry, are far from satisfactory.

“Mean Date 1800 +.”—The mean epoch of the observations. Where two figures are given, the first refers to the R.A., the second to the N.P.D.

“Number of Observations.”—The number of observations was, in most cases, the same for R.A. and N.P.D. When this is not the case, both numbers are given—the first being for R.A., the second for N.P.D.

“Mean R.A. 1875·0.”—The details regarding this will be given later, see page ix.

“Annual Precession 1875·0.”—This was computed from the formula—  

$$\text{Process. in R.A.} = 3\cdot0722 + [\text{number log.} = 0\cdot12611] \times \sin a \tan \delta.$$

“Secular Variation 1875·0.”—This was computed from the formula—  

$$\text{Sec. var.} = + 0\cdot0019 + A + B + C,$$

where

$$\log. A = + 6.6856 + \log. c + \log. c^1 + \log. \tan \delta.$$

$$\log. B = + 6.8117 + \log. c^1 + \log. \sin a + 2 \log. \sec. \delta.$$

$$\log. C = - 6.7594 + \log. \sin a + \log. \tan \delta.$$

$c$  and  $c^1$  being the precessions in  $a$  and  $\delta$ .

A sheet of "Star Reduction Constants" was prepared for each star, giving the quantities  $a$ ,  $b$ ,  $c$ ,  $d$ ,  $a^1$ ,  $b^1$ ,  $c^1$ ,  $d^1$  and the secular variations. All reductions, except for N.A. stars, have been made from these sheets.\*

"Annual Proper Motions."—In all cases not mentioned in the notes, the proper motion has been taken from Auwers' lists contained in the *Astronomische Nachrichten*, Nr. 3508-09 (Bd. 147, Juli 1898), or Auwers' *Fundamental Catalog für Zonenbeobachtungen am Südhimmel* (Astr. Nach. 3431 Bd. 143, April 1897), or Auwers' Bradley. A few approximate determinations depending on Madras observations are enclosed in brackets, but have been used in the reductions.

"Madras—Grn. 1880." } These give the differences in R.A. between the Madras  
"Madras—C.G.A." } places and those of the Greenwich Ten Year Catalogue, 1880.0 and of the Argentine General Catalogue. The proper motion given in the preceding column has always been applied before making the comparison.

*Right-hand page*

"No."—The rotation number.

"Mean Polar Distance."—The details regarding this will be found on page xi.

"Annual Precession 1875.0."—This was computed on the sheets already described by the formula—

$$\log. c^1 = 1.30221 + \log. \cos a.$$

and in many cases the result has been checked by comparison with Folie's Tables.

"Secular Variation 1875.0."—This was computed by the formula—

$$\text{Sec. var.} = A^1 + B^1$$

where

$$\log. A^1 = - 9.1689 + \log. c + \log. \sin a.$$

$$\log. B^1 = - 7.9355 + \log. \cos a.$$

"Proper Motion." }

"Madras—Grn. 1880." }

"Madras—C.G.A." }

The same remarks apply as for the corresponding columns in R.A.

"Lacaille."—The number in Lacaille's Catalogue of Southern Stars, published by the British Association.

"Taylor."—The number in Taylor's Madras General Catalogue.

"Cape 1880."—The number in Stone's Cape Catalogue, 1880.0.

"Auwers' Bradley."—The number in Auwers' *Neue Reduction der Bradley'schen Beobachtungen*.

\* In the case of circumpolar stars all reductions to 1875.0 were made by Chauvenet's rigorous formula.

“C.G.A.”—The number in the Argentine General Catalogue. When the number is printed in italics the reference is to the Zone Catalogue and not to the General Catalogue.

## RIGHT ASCENSIONS

The Clock-Stars employed throughout were those of the Nautical Almanac, without the application of any corrections. Since, however, during the period covered by the observations changes were made in the fundamental catalogue used in the preparation of the N.A. places it was necessary, before preparing the final catalogue, to apply corrections to reduce the observations to a common standard. The corrections necessary to reduce them to the standard of the Fundamental Catalogue of the Astronomische Gesellschaft were kindly supplied by Dr. Auwers, whose help in the preparation of this catalogue I cannot too fully acknowledge. The following table shows the corrections that have been applied:—

$$A.G.C.—Madras = \Delta a_{\delta} + \Delta a_{\alpha}$$

$\Delta a_{\delta}$				$\Delta a_{\alpha}$			
$\delta$	1862-70	1871-79	1880-85	$\alpha$	1862-70	1871-79	1880-85
o	s	s	s	h	s	s	s
85	—	—	+ 0.114	0	+ 0.012	+ 0.032	+ 0.030
80	— 0.33	— 0.36	+ 0.124	1	+ 0.009	+ 0.025	+ 0.023
75	— 0.23	— 0.26	+ 0.130	2	+ 0.006	+ 0.018	+ 0.015
70	— 0.15	— 0.18	+ 0.135	3	— 0.001	+ 0.006	+ 0.005
65	— 0.09	— 0.12	+ 0.138	4	— 0.011	— 0.007	— 0.007
60	— 0.04	— 0.07	+ 0.137	5	— 0.031	— 0.020	— 0.019
55	+ 0.004	— 0.022	+ 0.134	6	— 0.050	— 0.025	— 0.030
50	+ 0.040	+ 0.014	+ 0.127	7	— 0.055	— 0.029	— 0.044
45	+ 0.060	+ 0.034	+ 0.116	8	— 0.051	— 0.030	— 0.040
40	+ 0.070	+ 0.044	+ 0.103	9	— 0.045	— 0.030	— 0.024
35	+ 0.070	+ 0.044	+ 0.087	10	— 0.035	— 0.029	— 0.009
30	+ 0.068	+ 0.042	+ 0.074	11	— 0.020	— 0.025	— 0.002
25	+ 0.062	+ 0.036	+ 0.060	12	— 0.008	— 0.021	— 0.004
20	+ 0.057	+ 0.031	+ 0.047	13	— 0.001	— 0.016	— 0.033
15	+ 0.053	+ 0.027	+ 0.035	14	+ 0.004	— 0.012	— 0.035
10	+ 0.051	+ 0.025	+ 0.024	15	+ 0.007	— 0.006	— 0.025
5	+ 0.050	+ 0.024	+ 0.016	16	+ 0.011	0.000	— 0.010
0	+ 0.051	+ 0.025	+ 0.015	17	+ 0.021	+ 0.009	+ 0.005
— 5	+ 0.066	+ 0.040	+ 0.018	18	+ 0.040	+ 0.017	+ 0.018
— 10	+ 0.070	+ 0.044	+ 0.026	19	+ 0.060	+ 0.024	+ 0.026
— 15	+ 0.074	+ 0.048	+ 0.033	20	+ 0.062	+ 0.030	+ 0.031
— 20	+ 0.070	+ 0.044	+ 0.041	21	+ 0.050	+ 0.033	+ 0.035
— 25	+ 0.059	+ 0.033	+ 0.049	22	+ 0.025	+ 0.034	+ 0.036
— 30	+ 0.040	+ 0.014	+ 0.057	23	+ 0.017	+ 0.034	+ 0.035



The corrections  $\Delta a_a$  were applied each within the period stated, as they are corrections for real and varying errors of the catalogues of the time stars. From the three tables for  $\Delta a_s$  a mean was taken and only the excess of each table over this mean was applied to the observations in each period.

*Personal Equation*

On this subject Mr. Pogson wrote "Personal equations were merely used for the convenience of avoiding changes in the local time, for the public signals, as different observers came on duty. The watches usually extended over half a month and the clock errors were never mixed. Upon several occasions, when the instrument was in use only as a transit, before the circle arrangements were completed, I observed a number of clock stars intermediate between those of the native assistants, and from comparisons thus obtained, it appears that they all required negative corrections to their recorded times relatively to my own. The numbers adopted were: for Sashoo —  $0^s.75$ , for Ragoonatha —  $0^s.35$ , and for Moottoosawmy —  $0^s.23$ . I afterwards found that similar differences in the habits of bisection existed between the native observers and myself; rendering it equally necessary for each one to determine his own corrections for Index and Run, and causing apparent changes in the corrections certainly not due to the instrument."

*Meridian Error*

"For the determination of the meridian corrections," Mr. Pogson wrote, "as well as with a view to securing data for correction of the assumed latitude, the positions of a number of bright stars in the 'Catalogue of 164 Stars within  $6^\circ$  of the North Pole', given in Volume XVI. of the 'Radcliffe Observations' were employed. I preferred using the positions given therein to those of the 'Radcliffe Catalogue of Stars for 1845', as they were entirely my own bringing up, under the supervision of my esteemed chief Mr. Johnson, then Radcliffe Observer, who was ever anxiously watchful for the results as the work was in progress. The small altitude of the pole at Madras renders the observation of stars often impossible at their lower transit. Weather permitting, the meridian correction was found by a pair or polar stars, but frequently of necessity from one only, combined with a south star, when of course no other use was made of the observation, beyond that of furnishing the correction for the night. The correction was interpolated when not otherwise determinable."

The mean dates of the observations of the R.P.L. stars lie between about 1846 and 1856, and in many cases the proper motion was unknown or at least very imperfectly determined so that in some cases, as I discovered when reducing the later observations, considerable errors had accumulated in the assumed places owing to this cause. Thus, in the case of R.P.L. 14 (Groombridge 195), the value of the adopted P.M. in R.A. was —  $0^s.171$ , while the value given in Auwers' Bradley is +  $0.0540$ , so that by 1880 there was an error in the assumed place of the star of some 7 seconds. Again, in the case of R.P.L.

144 (24 Cephei, Hev.) no P.M. was applied, while the star actually has a proper motion of about  $+ 0^s.40$  in R.A. and  $- 0^s.08$  in P.D., so that by 1883 an error of about 12 seconds had accumulated in the assumed R.A. The discovery of these errors led to a revision of the assumed positions of the azimuth stars in which all available recent observations were made use of, and especially those in Safford's 'Williams College Catalogue of North Polar Stars.' From the positions thus obtained the whole of the azimuth errors affected were re-calculated and the star places depending upon them corrected. Fortunately in the later years of observation the azimuth usually depended not on a single pair of stars but on three pairs of polar stars, so that the errors were not so large as they would otherwise have been.

## NORTH POLAR DISTANCES

*Index Error*

The north Polar distances were determined directly by reference to the nadir point obtained by reflections in mercury. In the earlier years, up to 1866, June 9, the nadir point was always got by setting simply for the coincidence of the direct and reflected wires. From that date to the end of April 1874 coincidences were taken thus—

$$\begin{array}{ccc} \text{B} \text{ ---} & & \text{---} \text{B}^1 \\ \text{A} \text{ ---} & \text{---} \text{B}^1 & \text{and} & \text{B} \text{ ---} & \text{---} \text{A}^1 \\ & \text{---} \text{A}^1 & & \text{A} \text{ ---} \end{array}$$

After that date the three sets of coincidences  $BA^1$ ,  $AB^1$ , and  $AA^1$  were always taken. The mercury was contained in a simple wooden trough, and my own experience has been that frequently it was very difficult to get anything like sharp reflected images. In the dry weather especially, when the clayey ground round the Observatory was being broken up by deep cracks the surface of the mercury seemed to be nearly continuously affected by slight tremors, and sharp images could be obtained only at rare intervals. The substitution of an amalgamated copper trough for the wooden one improved matters greatly—but this was not till after the catalogue observations were completed. It is mentioned here only because it seems to throw light on certain unsatisfactory features in the index error determinations. The instrument, though in ordinary circumstances a very stable one, is affected considerably by heavy rain, specially after a long period of dry weather. Thus in 1874, May, there was a cyclone when over 7 inches of rain fell between the 4th and 6th and we have the following values for the instrumental corrections before and after :—

Date	Index	Inclination	Meridian
May 2	... ..	— 18".7	+ 0".40
" 7	... ..	— 8".4	+ 0".37

Again in 1877, May, a cyclone, accompanied by a fall of 21 inches of rain between the 15th and 18th, produced the following changes :—

Date	Index	Inclination	Meridian
May 14	... ..	— 7".0	+ 0".45
" 23	... ..	+ 1".1	+ 0".32

At other times, according to the results of the most careful observers, the instrumental corrections remain remarkably constant or show a slow, uniform change. In the later observations, however, variations of more than 1" in the index error on two consecutive nights are not at all uncommon, when there was no rain to account for them. Again it is worth noting that the determinations made by "P.R." and "M." differed, more or less systematically, by about 1", and there seems no reason to believe that this difference would be eliminated in the final result of the observations, since the index error was determined by coincidences of two images and the N.P.D. was determined by placing the star image midway between two fine lines. As a matter of fact the observations of "P.R." and "M." for the same stars do show large systematic differences.

#### *Latitude*

The assumed latitude of the Madras Observatory to which the observations were reduced in the preceding volumes was  $13^{\circ} 4' 8''.1$  N.—the value adopted by Captain W. S. Jacob. The value adopted by Taylor in his General Catalogue was 1" greater, and Mr. Pogson was of opinion that  $8''.1$  was too small. Before preparing the final catalogue it was necessary to investigate this question and the latitude has been re-determined in two ways.

I. From the observations of circumpolar stars made between 1862 and 1886. A large number of these were made with the intention of providing material for an accurate determination of latitude. The following table gives a summary of the observations of circumpolar stars contained in the catalogue :—

*Determination of Latitude from Circumpolar Stars*

Name	Corrected apparent P.D.		Difference below—above	No. of observations		Weight
	Above	Below		Above	Below	
Cephei 24 (Hev.) ..	° ' "	"	"			
R.P.L. 10 .. ..	1 14 57.62	57.42	— 0.20	6	11	7
12 .. ..	4 24 53.67	55.17	+ 1.50	30	19	22
14 .. ..	1 38 51.77	52.57	+ 0.80	30	10	15
18 .. ..	3 31 17.47	17.17	— 0.30	30	17	20
Polaris .. ..	2 5 23.74	24.16	+ 0.42	20	19	19
R.P.L. 26 .. ..	1 21 26.69	27.22	+ 0.53	53	86	61
33 .. ..	3 29 58.52	60.23	+ 1.71	30	19	22
34 .. ..	5 32 16.18	16.95	+ 0.77	29	15	19
35 .. ..	3 45 7.53	8.27	+ 0.74	40	19	24
40 .. ..	4 46 40.00	41.07	+ 1.07	36	20	24
41 .. ..	4 52 25.04	25.69	+ 0.65	44	19	25
42 .. ..	4 45 21.94	21.25	— 0.69	10	10	10
43 .. ..	2 41 11.14	12.88	+ 1.74	20	10	12
	3 14 16.36	16.38	+ 0.02	30	20	23

*Determination of Latitude from Circumpolar Stars—continued*

Name	Corrected apparent P.D.		Difference below—above	No. of observations		Weight
	Above	Below		Above	Below	
	° ' "	"	"			
Cephei 51 .. ..	2 45 55.94	57.21	+ 1.27	125	49	68
R.P.L. 48 .. ..	3 56 52.27	53.87	+ 1.10	10	10	10
49 .. ..	5 35 19.34	19.54	+ 0.20	28	25	26
53 .. ..	4 30 37.02	36.87	- 0.15	10	8	8
60 .. ..	5 19 21.17	21.17	0.00	40	38	39
62 .. ..	2 19 26.83	28.11	+ 1.28	10	10	10
69 .. ..	2 49 45.13	45.77	+ 0.64	20	20	20
70 .. ..	5 28 53.09	54.33	+ 1.24	41	18	24
72 .. ..	5 6 54.39	54.43	+ 0.04	49	43	45
79 .. ..	1 40 54.91	54.81	- 0.10	16	17	16
80 .. ..	3 40 57.67	57.77	+ 0.10	10	10	10
81 .. ..	4 36 19.35	18.99	- 0.36	10	10	10
87 .. ..	2 18 34.88	34.47	- 0.41	10	18	12
89 .. ..	3 43 13.65	13.25	- 0.40	39	38	38
90 .. ..	2 22 20.83	21.91	+ 1.08	9	20	12
92 .. ..	2 52 9.47	11.48	+ 2.01	18	11	13
93 .. ..	1 36 25.56	27.00	+ 1.44	10	19	12
97 .. ..	5 40 11.72	12.40	+ 0.68	10	10	10
98 .. ..	5 54 9.99	10.14	+ 0.15	20	20	20
99 .. ..	5 54 27.10	27.99	+ 0.89	37	30	32
100 .. ..	3 26 31.11	32.89	+ 1.78	10	8	8
101 .. ..	1 40 48.68	48.65	- 0.03	19	18	18
103 .. ..	4 35 32.28	32.33	+ 0.05	18	20	19
108 .. ..	5 38 37.60	38.03	+ 0.43	19	19	19
R. Camelopardi ..	5 36 8.38	9.17	+ 0.79	7	10	8
R.P.L. 110 .. ..	3 32 5.99	6.01	+ 0.02	12	19	14
111 .. ..	5 33 57.19	57.70	+ 0.51	19	27	21
114 .. ..	2 17 23.63	24.40	+ 0.77	19	31	22
115 .. ..	4 45 55.67	56.76	+ 1.09	20	30	23
116 .. ..	4 20 33.50	33.36	- 0.14	17	31	21
117 .. ..	6 1 23.90	24.08	+ 0.18	10	10	10
118 .. ..	5 7 56.22	55.43	- 0.79	10	10	10
120 .. ..	5 17 6.26	6.51	+ 0.25	10	10	10
23 Urs. Min. δ ..	3 23 33.48	33.87	+ 0.39	42	89	54
R.P.L. 131 .. ..	3 27 4.08	6.03	+ 1.95	20	28	22
133 .. ..	4 10 24.75	25.67	+ 0.92	10	10	10
134 .. ..	4 10 40.43	39.98	- 0.45	10	10	10
Urs. Min. λ .. ..	1 4 8.58	8.25	- 0.33	13	41	20
R.P.L. 138 .. ..	5 42 1.62	1.15	- 0.47	10	10	10
141 .. ..	5 18 5.61	4.69	- 0.92	10	10	10

*Determination of Latitude from Circumpolar Stars—continued*

Name	Corrected apparent P.D.			Difference below—above	No. of observations		Weight	
	Above		Below		Above	Below		
	o	'	"	"				
R.P.L. 143 .. ..	5	16	15.79	16.33	+ 0.54	30	30	30
149 .. ..	3	28	3.80	3.77	- 0.03	10	10	10
150 .. ..	4	31	20.76	21.25	+ 0.49	51	71	56
151 .. ..	4	24	28.05	29.56	+ 1.51	20	20	20
152 .. ..	5	33	37.02	36.29	- 0.73	10	10	10
153 .. ..	2	33	14.88	14.73	+ 0.35	7	16	10
155 .. ..	4	16	15.35	15.87	+ 0.52	11	25	15
158 .. ..	3	22	55.62	57.20	+ 1.58	29	39	32
162 .. ..	3	59	22.71	22.61	- 0.10	10	10	10

Which gives for the corrected latitude—

$$13^{\circ} 4' 7''.98 \pm 0''.045.$$

There is considerable variation in the results got from the different stars, but probably not more than is to be expected when observations are made so near the horizon. Observations of stars below pole at Madras are often made with great difficulty owing to the unsteadiness of the star's image. Unsteadiness in altitude is, of course, common, while I have frequently noticed even the pole star jump back or fore over one of the vertical wires.

II. By observations of the sun with the zenith sector.

The sun's declination was measured by means of a zenith sector lent by the Great Trigonometrical Survey of India, on every day on which the sun was visible at apparent noon between 1897, March 16, and 1897, May 29. The result of 58 observations, when corrected for the motion of the pole by Chandler's formula, was—

$$13^{\circ} 4' 8''.01 \pm 0.08.$$

To these values must be added.

III. The determination by Major S. G. Burrard, R.E., with the zenith sector in December 1896 and January 1897, which gave a result of \*—

$$13^{\circ} 4' 7''.94 \pm 0.068.$$

IV. The re-determination made by Dr. Downing from Taylor's Mural Circle Observations †—

$$13^{\circ} 4' 8''.04.$$

If equal weights are given to each of these determinations we get—

$$13^{\circ} 4' 7''.99.$$

\* General Report of the Survey of India, 1896-97, Appendix VII.

† M.N., Volume LVII., page 403.



As there were no subsidiary microscopes for the purpose of making circle error determinations, it was necessary to use two of the ordinary microscopes for this purpose, the other four being fixed at  $90^\circ$  apart. The errors of the four quadrants were then determined with the following results:—

$360^\circ-90^\circ$	$90^\circ-180^\circ$	$180^\circ-270^\circ$	$270^\circ-360^\circ$
+ 4".52	- 1".84	- 1".02	- 1".66

The errors were then determined for each arc of  $30^\circ$ ,  $15^\circ$ , and  $20^\circ$ , and from these the errors for each  $5^\circ$  were obtained. It was not practicable to carry the sub-division further by direct measurement, and so the errors for each degree were obtained from the curve drawn to represent the errors for each five degrees.

Though the graduations of the circle are on gold, they have been considerably affected by the action of the salt, sea air to which they have been more or less exposed for nearly 35 years, and this caused considerable difficulty in making some of the readings. Individual readings of some of the divisions, even by the same observer, differed considerably and those of different observers were, in a few cases, large. To minimise the effect of this a larger number of readings were taken than would have been required had the divisions been all sharp and well defined. The final results depend on over 72,000 micrometer settings, by three observers. The agreement between the results of the three observers was usually as good as could be expected, though by no means ideal. In a few cases, where the division line was much corroded, the differences were considerable. The following may be taken as a fair sample:—

		$270^\circ-255^\circ$	$255^\circ-240^\circ$	$90^\circ-75^\circ$	$75^\circ-60^\circ$
P.R.	...	- 0".77	- 0".30	+ 0".29	+ 1".55
C.M.S.	...	- 0".77	- 0".30	+ 0".36	+ 1".48
K.V.S.	...	- 0".82	- 0".25	+ 0".50	+ 1".34

The following table shows the corrections which have been applied in preparing the final catalogue from the annual results:—

*Corrections for Division Errors*

Circle Reading						Cor.
o	o	o	o	o	o	"
1	61	121	181	241	301	- 0.07
2	62	122	182	242	302	- 0.15
3	63	123	183	243	303	- 0.22
4	64	124	184	244	304	- 0.31
5	65	125	185	245	305	- 0.40
6	66	126	186	246	306	- 0.27
7	67	127	187	247	307	- 0.12
8	68	128	188	248	308	+ 0.04

*Corrections for Division Errors—continued*

Circle Reading						Cor.
o	o	o	o	o	o	"
9	69	129	189	249	309	+ 0.18
10	70	130	190	250	310	+ 0.31
11	71	131	191	251	311	+ 0.36
12	72	132	192	252	312	+ 0.37
13	73	133	193	253	313	+ 0.36
14	74	134	194	254	314	+ 0.32
15	75	135	195	255	315	+ 0.27
16	76	136	196	256	316	+ 0.18
17	77	137	197	257	317	+ 0.07
18	78	138	198	258	318	- 0.06
19	79	139	199	259	319	- 0.20
20	80	140	200	260	320	- 0.32
21	81	141	201	261	321	- 0.31
22	82	142	202	262	322	- 0.27
23	83	143	203	263	323	- 0.23
24	84	144	204	264	324	- 0.18
25	85	145	205	265	325	- 0.13
26	86	146	206	266	326	- 0.09
27	87	147	207	267	327	- 0.05
28	88	148	208	268	328	- 0.01
29	89	149	209	269	329	+ 0.02
30	90	150	210	270	330	+ 0.04
31	91	151	211	271	331	- 0.01
32	92	152	212	272	332	- 0.09
33	93	153	213	273	333	- 0.18
34	94	154	214	274	334	- 0.27
35	95	155	215	275	335	- 0.35
36	96	156	216	276	336	- 0.30
37	97	157	217	277	337	- 0.21
38	98	158	218	278	338	- 0.11
39	99	159	219	279	339	- 0.03
40	100	160	220	280	340	+ 0.05
41	101	161	221	281	341	+ 0.11
42	102	162	222	282	342	+ 0.17
43	103	163	223	283	343	+ 0.22
44	104	164	224	284	344	+ 0.27
45	105	165	225	285	345	+ 0.33
46	106	166	226	286	346	+ 0.40
47	107	167	227	287	347	+ 0.47
48	108	168	228	288	348	+ 0.55
49	109	169	229	289	349	+ 0.62
50	110	170	230	290	350	+ 0.71



*Corrections for Division Errors—continued*

Circle Reading						Cor.
°	°	°	°	°	°	"
51	111	171	231	291	351	+ 0.62
52	112	172	232	292	352	+ 0.52
53	113	173	233	293	353	+ 0.42
54	114	174	234	294	354	+ 0.30
55	115	175	235	295	355	+ 0.21
56	116	176	236	296	356	+ 0.15
57	117	177	237	297	357	+ 0.10
58	118	178	238	298	358	+ 0.07
59	119	179	239	299	359	+ 0.03
60	120	180	240	300	360	0.00

*Note.*—The circle reading is 360° or 0° when the telescope points to the zenith.

*Refraction*

The refraction was calculated by means of the Greenwich tables.

After the publication of the results for 1879, Dr. Auwers wrote: "The comparison of the declinations led to a very unexpected result . . . the results for N.P.D. in volumes 5-6 entirely disagree with the former, and I am at a loss to imagine the reason, because it is expressly stated in the introduction to these volumes that no change was made in the mode of reduction after 1873." This difficulty had already presented itself to me and I have examined in great detail all the possible sources of error. Certainly no change had been made in the method of reduction, and it seems clear that the only important change was that of the observers. In 1874, a new observer "P.R."\* took up a large part of the work, and as has been mentioned above, his determinations of index error differed by nearly 1" from those of the other observer "M." The following figures will show how unsatisfactory "P.R.'s" N.P.D. determinations were. They are the values of the quantity N.A.—P.R. for declination during the period 1874—1881, corrected for division errors and flexure:—

Declination	+ 40° to 30°	+ 30° to 20°	+ 20° to 10°	+ 10° to 0°	— 0° to 10°	— 10° to 20°	— 20° to 30°
	— 0".48	+ 0".18	— 0".82	— 1".72	— 0".71	— 1".11	— 1".04

If these values were constant they could be allowed for, but they differ greatly for different periods. Thus for 0° to -10° the mean value of the difference N.A.—P.R. was — 0".09 for 70 observations in 1877, while it was — 2".01 for 43 observations in 1879 and — 0".90 for 74 observations in 1880. The attempt to correct the various annual results seems hopeless and, on the advice of Dr. Auwers, they have been dealt with, as a whole, by the application of systematic corrections which he very kindly supplied.

\* The initial "R." was unfortunately used for two different observers, the second "R." beginning to observe regularly only after the original "R." had ceased to observe. For the second "R." of the preliminary volumes I now use "P.R."

Dr. Auwers wrote: "The essential matter is, that the annual results are made to represent the *same system* before being worked into a general catalogue, and for declination, this system to which all individual results must be reduced should be the mean system of the Madras Circle itself for the entire period 1862—1885. There is a remarkable trace of discontinuity between 1873 and 1874, but there are minor differences of a systematic nature besides, which equally may be taken into account.

"As the difference (A.G.C.—Madras)  $\Delta\delta_a$  is naturally the same for all the different periods, there is no need for applying it, and to hold to the instrument's system, it should be disregarded altogether; the following correction  $\Delta\delta_s$  however should be applied to the declinations of the annual catalogues:—

*Corrections to Observed Declinations*

Dec.	1862-67	1868-73	1874-79	1880-85
°	"	"	"	"
80	+ 0.14	+ 0.14	— 0.45	+ 0.16
75	+ 0.12	+ 0.22	— 0.47	+ 0.12
70	+ 0.16	+ 0.37	— 0.52	— 0.02
65	+ 0.39	+ 0.49	— 0.61	— 0.27
60	+ 0.80	+ 0.50	— 0.70	— 0.60
55	+ 1.16	+ 0.56	— 0.74	— 0.99
50	+ 0.77	+ 0.77	— 0.52	— 1.02
45	+ 0.37	+ 0.67	— 0.28	— 0.95
40	+ 0.29	+ 0.69	— 0.27	— 0.71
35	+ 0.37	+ 0.50	— 0.32	— 0.55
30	+ 0.49	+ 0.32	— 0.42	— 0.40
25	+ 0.75	+ 0.29	— 0.51	— 0.52
20	+ 0.73	+ 0.32	— 0.34	— 0.72
15	+ 0.67	+ 0.43	— 0.41	— 0.70
10	+ 0.66	+ 0.41	— 0.81	— 0.26
5	+ 0.69	+ 0.40	— 1.02	— 0.07
0	+ 0.76	+ 0.59	— 1.06	— 0.28
— 5	+ 0.88	+ 0.47	— 0.87	— 0.47
— 10	+ 0.53	+ 0.56	— 0.91	— 0.18
— 15	+ 0.41	+ 0.50	— 0.88	— 0.03
— 20	+ 0.52	+ 0.33	— 0.80	— 0.06
— 25	+ 0.52	+ 0.47	— 0.71	— 0.29
— 30	+ 0.49	+ 0.59	— 0.60	— 0.48

"To these corrections *add* the following corrections:—

Corr. (Div. Error + Corr. Flex.  $F_m$  — Flex.  $F_o$  )."

This has accordingly been done. For N.P.Ds. greater than 120', a correction of  $-0^{\circ}.5$  was applied to the N.P.Ds. observed before 1874.0 and a correction of  $+0^{\circ}.5$  to those observed after that date.\*

## COMPARISONS WITH OTHER CATALOGUES

The following tables give a summary of the comparisons with the "Greenwich Ten-year Catalogue, 1880," the Argentine General Catalogue, Auwers' Fundamental Catalogue, and Auwers' *Mittlere Örter von 83 Südlichen Sternen für 1875.0*. In the case of the last two catalogues the corrections given in *Astr. Nachr. Nr. 3503-09* have been applied before making the comparisons:—

(1) Differences arranged according to R.A.

Hours	Madras—Grn. 1880			Madras—C.G.A.			Madras—A.F.G.			Madras—A.S.C.		
	R.A.	P.D.	No.	R.A.	P.D.	No.	R.A.	P.D.	No.	R.A.	P.D.	No.
0	s	"		s	"		s	"		s	"	
0	-0.02	-0.5	44-41	+0.01	+1.5	103	-0.05	+0.1	13	-0.07	-0.9	1
1	-0.03	-0.2	48	+0.04	+1.2	105-106	-0.04	+0.4	14-15	-0.01	-0.6	5
2	-0.01	-0.1	43-40	+0.02	+1.5	122-123	-0.05	+0.1	16	-0.02	-0.3	3
3	-0.01	0.0	56-55	+0.02	+1.9	109	-0.05	+0.2	18-19	-0.08	+0.1	4
4	0.00	-0.1	45-44	+0.02	+1.3	106-105	0.00	+0.6	14	-0.13	-0.2	3
5	-0.02	+0.1	65	-0.01	+0.8	109-108	-0.05	+0.2	19	-0.12	-0.4	5
6	-0.02	-0.3	40-41	-0.04	+0.7	126	-0.03	+0.3	8-9	-0.09	-0.6	6
7	-0.02	-0.1	48-50	-0.08	+1.0	136	-0.07	+0.3	9	-0.11	+0.9	1
8	-0.03	-0.5	39-40	-0.05	+1.2	90-91	-0.03	-0.2	11	-0.08	-0.6	2
9	-0.04	-0.3	49-52	-0.05	+1.2	89	-0.01	+0.2	10-11	..	..	..
10	-0.04	-0.6	45-46	-0.10	+1.1	100	-0.11	-0.1	9	-0.08	-1.2	4
11	-0.03	-0.3	42-43	-0.06	+1.2	88-87	-0.07	-0.3	12	-0.11	-1.1	4
12	-0.01	-0.3	49	-0.09	+0.9	103	0.00	-0.4	9	-0.03	-0.7	3
13	-0.03	-0.5	44	-0.11	+1.1	121	-0.01	+0.1	7	-0.07	-0.8	3
14	+0.01	-0.2	47-48	-0.10	+0.8	113-114	-0.05	-0.2	16	-0.06	-0.9	3
15	-0.01	-0.2	64	-0.01	+0.8	100-101	0.00	-0.2	19	-0.05	-0.9	4
16	-0.01	-0.3	61	-0.09	+0.5	100-102	-0.04	-0.1	14-15	0.00	-0.7	2
17	0.00	-0.8	54-53	-0.03	+0.6	126-128	-0.06	-0.4	18	-0.05	-0.6	4
18	-0.03	-0.7	56	-0.05	+1.1	120	-0.05	0.0	13-14	-0.05	0.0	2
19	-0.02	-0.6	67-69	-0.04	+1.0	116-117	-0.07	-0.7	13-14	-0.06	-1.1	2
20	0.00	-0.6	56	-0.01	+1.1	110	-0.06	-0.8	14	-0.06	-0.9	5
21	-0.01	-0.3	51	-0.02	+1.5	115	-0.06	-0.5	11	-0.03	-0.5	6
22	-0.03	-0.8	63	0.00	+1.1	97-96	-0.12	-0.5	18	-0.10	-0.6	3
23	0.00	-0.7	59-56	+0.02	+1.3	113	-0.06	-0.5	7	-0.07	-1.2	3

\* The unsatisfactory nature of P.R.'s N.P.D. observations was probably largely due to the fact that he was in the habit of observing with his hair tied in a knot at the back of his head, so the error, were it sufficiently regular, might be known as the "kudumi equation." Any one who has had to show objects through a telescope to ladies reclining on an observing chair will understand how prejudicial to good observations such a habit of wearing the hair is. The other observers let down their hair when observing. I have also found that while P.R. can bisect an object with considerable accuracy with a single wire, he seems to find great difficulty in placing an object accurately midway between two wires.

## (2) Differences arranged according to N.P.D.

N.P.D.	Madras—Grn. 1880			Madras—C.G.A.			Madras—A.F.C.			Madras—A.S.C.		
	R.A.	P.D.	No.	R.A.	P.D.	No.	R.A.	P.D.	No.	R.A.	P.D.	No.
0 — 5	+ 0.28	+ 0.5	20-22	..	..	..	—	+ 0.8	5	..	..	..
5 — 10	+ 0.12	+ 0.6	10	..	..	..	—	+ 0.8	2	..	..	..
10 — 15	+ 0.19	— 0.5	15-16	..	..	..	+ 0.24	+ 0.1	3	..	..	..
15 — 20	+ 0.08	— 0.9	23	..	..	..	+ 0.04	— 0.5	9	..	..	..
20 — 25	— 0.04	— 1.0	36	..	..	..	— 0.01	— 0.8	7	..	..	..
25 — 30	+ 0.04	— 0.3	34	..	..	..	0.00	+ 0.1	12	..	..	..
30 — 35	— 0.06	0.0	42-40	..	..	..	— 0.07	+ 0.3	18	..	..	..
35 — 40	— 0.09	— 0.7	27	..	..	..	— 0.09	— 0.4	11	..	..	..
40 — 45	— 0.12	— 0.7	46-45	..	..	..	— 0.12	— 0.4	19	..	..	..
45 — 50	— 0.09	— 0.2	40	..	..	..	— 0.12	— 0.6	19	..	..	..
50 — 55	— 0.04	— 0.9	51	..	..	..	— 0.06	— 0.8	18	..	..	..
55 — 60	— 0.03	+ 0.1	51-50	..	..	..	— 0.07	0.0	22	..	..	..
60 — 65	— 0.04	+ 0.4	61	..	..	..	— 0.06	+ 0.4	22	..	..	..
65 — 70	— 0.04	+ 0.5	81	..	..	..	— 0.07	+ 0.5	21	..	..	..
70 — 75	— 0.02	+ 0.2	72-74	..	..	..	— 0.06	+ 0.5	23	..	..	..
75 — 80	— 0.02	— 0.8	63	..	..	..	— 0.04	— 0.4	22	..	..	..
80 — 85	0.00	— 1.2	66	..	..	..	— 0.01	— 0.7	25	..	..	..
85 — 90	0.00	— 0.3	60	..	..	..	— 0.01	— 0.2	22	..	..	..
90 — 95	+ 0.01	+ 0.3	60-57	— 0.01	+ 1.2	88-89	— 0.02	+ 0.6	19	..	..	..
95 — 100	0.00	— 0.8	76	— 0.02	+ 0.3	97-98	— 0.05	— 0.4	20	..	..	..
100 — 105	— 0.02	— 0.7	62-63	— 0.03	+ 0.2	93-92	..	..	..	— 0.08	— 0.7	25
105 — 110	— 0.03	— 0.9	73-75	— 0.03	+ 0.1	112-111	..	..	..	— 0.06	— 0.4	20
110 — 115	— 0.02	— 0.8	68-65	— 0.02	— 0.2	108-109	..	..	..	— 0.07	— 0.9	20
115 — 120	— 0.04	— 0.5	65-66	— 0.04	+ 0.4	111	..	..	..	— 0.05	— 0.4	8
120 — 125	— 0.06	— 0.5	33	— 0.07	+ 0.9	156-157	..	..	..	— 0.05	— 0.4	5
125 — 130	..	..	..	— 0.06	+ 1.4	367	..	..	..	..	..	..
130 — 135	..	..	..	— 0.06	+ 1.1	340	..	..	..	..	..	..
135 — 140	..	..	..	— 0.06	+ 0.7	200-199	..	..	..	..	..	..
140 — 145	..	..	..	— 0.05	+ 0.3	193-194	..	..	..	..	..	..
145 — 150	..	..	..	— 0.02	+ 1.6	291	..	..	..	..	..	..
150 — 155	..	..	..	— 0.01	+ 2.3	296	..	..	..	..	..	..
155 — 160	..	..	..	0.00	+ 1.7	91	..	..	..	..	..	..
160 — 165	..	..	..	— 0.05	+ 3.1	21	..	..	..	..	..	..

A comparison with the "Greenwich Ten-year Catalogue, 1880," arranged according to magnitudes, yields the following results. The numbers in brackets are the numbers of stars compared, the means are simple algebraical means giving equal weights to each star:—

— to 1.0    1.1 to 2.0    2.1 to 3.0    3.1 to 4.0    4.1 to 5.0    5.1 to 6.0    6.1 to 7.0    7.1 to 8.0    8.1 to 9.0.  
 — 0<sup>s</sup>.031 (8) — 0<sup>s</sup>.026 (20) — 0<sup>s</sup>.026 (71) — 0<sup>s</sup>.030 (200) — 0<sup>s</sup>.027 (477) — 0<sup>s</sup>.016 (303) 0<sup>s</sup>.000 (66) + 0<sup>s</sup>.005 (12) + 0<sup>s</sup>.020 (3).

This seems to show a distinct tendency to estimate the time of transit of a brighter star (relatively to the Greenwich habit) earlier than that of a fainter star.

For very bright stars there is no doubt that the estimates are much more irregular than for the fainter stars. Double stars, too, show great irregularities. Strongly-coloured stars also show considerable irregularities, and hence I have added, partly from the observers' notes but chiefly from the Argentine General Catalogue, notes regarding the colours of the stars.

In reducing the positions of double stars no allowance has been made for orbital motion, except in the case of  $\alpha^1$  and  $\alpha^2$  Centauri. For the reduction to mean place of these stars I am indebted to Dr. A. W. Roberts.

KODAIKÁNAL,  
20th September 1899.

C. MICHE SMITH.

# CATALOGUE OF STARS

## ERRATA

Page	No.	Col.	For	Read
4	52	R.A.	16 <sup>m</sup>	17 <sup>m</sup>
28	467	Madras—Grn.	—0·01	Delete
40	668	Name	Anonymous	C.P.D.—40°291
40	692	R.A.	53 <sup>s</sup> ·63	53 <sup>s</sup> ·62
44	744	Name	Anonymous	C.P.D.—38°324
48	822	Do.	Do.	C.P.D.—38°368
55	930	P.D.	120°	128°
154	2681	Name	Anonymous	C.P.D.—52°4964
166	2876	Sec. Var. R.A.	01·048	0·1048
250	4369	Mean date	79·00	79·08
280	4897	Madras—Grn.	—0·15	+ 0·15
299	5191	P.M.	—0·009	—0·019
299	5215	Madras—Grn.	—1·2	+ 1·2

## GENERAL CATALOGUE OF STARS FOR 1875.0

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of (Obs.)	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
1	...	C.P.D. — 36°.1	...	7.2	68.58	5	0 0 16.36	+ 3.0710	- 0.0205	...	...	- 0.06
2	...	C.P.D. — 26°.3	...	6.9	88.89	5	0 0 57.97	+ 3.0694	- 0.0126	...	...	+ 0.09
3	8377	Brisbane 7381	...	7.8	65.85	3	0 1 2.50	+ 3.0627	- 0.0152	...	...	+ 0.07
4	...	C.Z. O. 35	...	8.5	65.65	5	0 1 15.65	+ 3.0617	- 0.0526	...	...	...
5	...	Lalande 47303	...	7.3	72.86	5	0 1 23.58	+ 3.0687	- 0.0108	...	...	+ 0.11
6	4	21 Andromedæ ( <i>Alpherat</i> ) $\alpha$	...	2.1	74.25	81	0 1 55.73	+ 3.0783	+ 0.0182	+ 0.0095	- 0.01	...
7	...	C.P.D. — 37°.5	...	8.5	70.18	3	0 2 26.15	+ 3.0614	- 0.0207	...	...	+ 0.11
8	...	C.P.D. — 47°.6	...	7.8	81.77	5	0 2 27.46	+ 3.0564	- 0.0305	...	...	- 0.12
9	7	11 Cassiopeiæ ... $\beta$	...	2.4	77.45	5	0 2 30.84	+ 3.0661	+ 0.0514	+ 0.0659	- 0.24	...
10	...	C.P.D. — 40°.5	...	8.0	66.78	5	0 2 37.81	+ 3.0592	- 0.0233	...	...	- 0.05
11	11	Phœnicis ... $\epsilon$	...	3.8	77.43	5	0 3 3.59	+ 3.0534	- 0.0289	+ 0.0098	...	- 0.12
12	...	C.Z. O. 91	...	8.5	70.40	5	0 3 21.53	+ 3.0422	- 0.0429	...	...	+ 0.13
13	12	Lalande 47374	...	7.5	63.63	6	0 3 31.06	+ 3.0711	+ 0.0004	...	+ 0.01	+ 0.03
14	...	W.B.E. O. 28	...	8.0	75.72	5	0 3 39.27	+ 3.0686	- 0.0030	...	...	...
15	...	C.Z. O. 107	...	8.5	81.87	5	0 3 40.32	+ 3.0265	- 0.0574	...	...	...
16	16	22 Andromedæ ...	...	4.9	79.44	5	0 3 40.68	+ 3.0948	+ 0.0328	- 0.0005	- 0.13	...
17	...	W.B.E. O. 41	...	9.0	75.76	5	0 4 5.64	+ 3.0682	- 0.0032	...	...	...
18	21	6 Ceti ...	...	4.9	83.91	5	0 4 54.00	+ 3.0639	- 0.0064	- 0.0077	- 0.05	+ 0.04
19	22	C.P.D. — 41°.13	...	7.5	66.58	5	0 4 58.70	+ 3.0469	- 0.0236	...	...	+ 0.09
20	23	Sculptoris ... $\kappa^2$	...	5.5	79.43	5	0 5 13.37	+ 3.0557	- 0.0138	+ 0.0020	- 0.06	- 0.07
21	...	Anonymous ...	...	8.2	81.80	5	0 5 15.64	+ 3.0186	- 0.0481	...	...	...
22	24	Sculptoris ... $\theta$	...	5.1	79.88	5	0 5 22.37	+ 3.0496	- 0.0190	+ 0.0004	...	- 0.04
23	...	C.P.D. — 36°.11	...	9.5	70.66	6	0 5 32.04	+ 3.0485	- 0.0194	...	...	...
24	...	W.B.E. O. 76	...	9.0	75.79	5	0 5 58.66	+ 3.0666	- 0.0028	...	...	...
25	...	C.Z. O. 179	...	7.5	65.42	5	0 6 39.73	+ 3.0086	- 0.0449	...	...	+ 0.26
26	...	C.P.D. — 41°.23	...	9.0	68.39	5	0 6 44.65	+ 3.0380	- 0.0233	...	...	...
27	26	88 Pegasi ( <i>Algenib</i> ) $\gamma$	...	3.0	71.79	98	0 6 48.01	+ 3.0824	+ 0.0100	- 0.0012	+ 0.02	...
28	...	C.P.D. — 41°.24	...	8.8	65.61	6	0 7 11.91	+ 3.0357	- 0.0232	...	...	...
29	...	C.P.D. — 26°.15	...	6.0	83.90	5	0 7 24.08	+ 3.0502	- 0.0127	...	...	- 0.13
30	...	Lalande 163	...	7.7	67.21	5	0 8 12.20	+ 3.0726	+ 0.0026	...	...	...
31	...	C.Z. O. 221	...	7.0	81.83	5	0 8 12.73	+ 2.9763	- 0.0537	...	...	- 0.07
32	33	7 Ceti ...	...	4.6	79.63	5	0 8 17.32	+ 3.0550	- 0.0082	- 0.0033	...	- 0.01
33	...	Anonymous ...	...	9.0	68.32	6	0 9 5.77	+ 2.9524	- 0.0540	...	...	...
34	43	Brisbane 19	...	5.9	83.91	5	0 9 49.42	+ 3.0362	- 0.0158	...	...	+ 0.08
35	...	C.Z. O. 264	...	8.8	65.02	5	0 9 55.52	+ 2.9741	- 0.0452	...	...	+ 0.12

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1	126 46 47.6	- 20.054	+ 0.009	...	...	+ 2.0	9723	...	3	...	5
2	116 2 54.2	.054	.011	...	...	+ 0.7	9720	...	8	...	15
3	147 31 57.7	.054	.010	...	...	+ 1.5	9730	11010	10	...	17
4	151 20 13.0	.054	.010	...	...	...	...	...	...	...	35
5	113 12 12.6	.054	.012	...	...	+ 0.5	9732	...	13	...	27
6	61 36 0.0	.054	.013	+ 0.157	+ 0.7	...	...	11015	19	3215	...
7	127 26 21.7	.053	.013	...	...	+ 2.1	...	...	...	...	43
8	137 45 19.1	.053	.013	...	...	+ 0.5	...	...	...	...	44
9	31 32 25.1	.053	.014	+ 0.192	+ 1.9	...	...	2	...	3216	...
10	130 25 57.6	.053	.013	...	...	+ 1.2	9739	...	...	...	48
11	136 26 15.0	.053	.015	+ 0.210	...	+ 1.9	9742	6	27	...	57
12	146 53 15.7	.052	.015	...	...	+ 2.2	9746	...	28	...	60
13	93 15 24.2	.052	.012	...	+ 0.2	+ 1.2	...	7	...	...	64
14	90 40 13.2	.052	.016	...	...	...	...	...	...	...	...
15	153 59 30.8	.052	.016	...	...	...	...	...	...	...	107
16	44 37 25.2	.052	.017	+ 0.006	+ 0.5	...	...	10	...	3220	...
17	99 50 10.3	.052	.016	...	...	...	...	...	...	...	...
18	106 9 15.4	.050	.019	+ 0.261	- 1.8	+ 0.1	...	15	41	3222	88
19	131 4 6.8	.049	.018	...	...	+ 0.9	9757	...	...	...	89
20	118 29 45.8	.049	.019	- 0.009	- 0.6	+ 0.3	9758	16	43	...	91
21	150 11 57.5	.049	.019	...	...	...	...	...	...	...	...
22	125 50 0.1	.049	.019	- 0.118	...	+ 2.1	9760	17	45	...	95
23	126 14 21.8	.049	.019	...	...	...	...	...	...	...	...
24	99 24 19.3	.049	.020	...	...	...	...	...	...	...	...
25	148 36 36.1	.046	.021	...	...	+ 3.1	3	...	54	...	113
26	131 4 37.4	.046	.021	...	...	...	...	...	...	...	181
27	75 30 41.6	.046	.022	+ 0.005	- 0.2	...	...	21	56	1	...
28	131 3 21.3	.044	.022	...	...	...	...	...	...	...	192
29	116 58 52.4	.044	.023	...	...	+ 1.9	9	...	63	...	124
30	89 23 53.9	.042	.024	...	...	...	...	...	...	...	...
31	153 28 8.3	.041	.025	...	...	+ 5.2	...	...	...	...	140
32	109 37 32.0	.041	.025	+ 0.062	...	- 0.6	...	29	70	4	142
33	153 51 27.0	.039	.027	...	...	...	...	...	...	...	...
34	122 8 25.4	.036	.027	...	...	+ 0.2	22	37	79	...	167
35	140 28 10.7	- 20.035	+ 0.027	...	...	+ 3.4	...	...	...	...	169



## GENERAL CATALOGUE OF STARS FOR 1875.0

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras--	
										Grn. 1880	C.G.A.
36	...	Stone 88 ...	...	8.0	81.86	5	0 10 29.29	+ 2.9253	- 0.0622	...	...
37	52	24 Andromedæ ...	$\theta$	4.3	79.89	5	0 10 33.85	+ 3.1203	+ 0.0266	- 0.0068	- 0.14
38	...	C.Z. O. 298 ...	...	8.5	60.24	5	0 11 7.24	+ 2.9506	- 0.0493	...	+ 0.10
39	57	Lalande 261 ...	...	7.0	62.78	18	0 11 22.58	+ 3.0734	+ 0.0030	+ 0.0070	+ 0.08
40	62	8 Ceti ...	$\iota$	3.6	82.73	53	0 13 3.46	+ 3.0595	- 0.0023	- 0.0028	- 0.06
41	...	C.P.D. - 40°. 22 ...	...	8.0	65.80	5	0 13 6.74	+ 3.0063	- 0.0221	...	- 0.03
42	66	41 Piscium ...	$d$	5.0	64.02	11	0 13 9.98	+ 3.0832	+ 0.0066	- 0.0013	+ 0.01
43	...	C.Z. O. 352 ...	...	8.0	65.43	5	0 13 19.63	+ 2.9357	- 0.0453	...	- 0.14
44	64	Tucanæ ...	$\zeta$	4.3	79.46	5	0 13 22.75	+ 2.8980	- 0.0555	+ 0.2094	+ 0.15
45	...	C.P.D. - 36°. 28 ...	...	7.5	83.89	5	0 13 54.73	+ 3.0120	- 0.0186	...	- 0.02
46	69	Brisbane 27 ...	...	7.3	68.45	5	0 14 40.86	+ 3.0007	- 0.0211	...	- 0.01
47	70	Tucanæ ...	$\pi$	5.2	79.65	5	0 14 50.48	+ 2.8303	- 0.0673	...	+ 0.03
48	...	C.Z. O. 391 ...	...	8.1	81.85	5	0 15 0.14	+ 2.8775	- 0.0551	...	+ 0.29
49	72	Sculptoris ...	$\iota$	5.5	78.91	5	0 15 14.33	+ 3.0216	- 0.0137	+ 0.0010	+ 0.18
50	...	C.Z. O. 407 ...	...	8.8	81.82	5	0 15 29.59	+ 2.9434	- 0.0360	...	- 0.02
51	...	Lalande 421 ...	...	7.0	68.97	6	0 16 21.76	+ 3.1468	+ 0.0271	...	...
52	...	Andromedæ ...	$R$ Var.	6.6	66.21	10	0 16 26.02	+ 3.1513	+ 0.0271	...	...
53	...	Cassiopeiæ ...	$T$ Var.	7.5	75.86	10	0 16 28.47	+ 3.2098	+ 0.0401	...	...
54	...	Yarnall 167 ...	...	6.8	66.85	4	0 16 34.52	+ 2.9913	- 0.0209	...	- 0.18
55	...	O.A.N. 282 ...	...	8.1	76.88	5	0 16 39.07	+ 3.2115	+ 0.0492	...	...
56	...	C.Z. O. 459 ...	...	8.5	81.87	2	0 17 14.57	+ 2.8484	- 0.0537	...	- 0.23
57	...	B.D. + 63°. 38 ...	...	8.5	70.84	5	0 17 22.15	+ 3.2762	+ 0.0704	...	...
58	...	5 Ceti ...	$S$ Var.	7.5	75.73	10	0 17 41.97	+ 3.0539	- 0.0023	...	+ 0.04
59	81	Piazzi O. 60 ...	...	6.4	83.91	5	0 18 6.48	+ 3.0668	+ 0.0014	...	+ 0.06
60	...	C.Z. O. 462 ...	...	9.0	64.23	5	0 18 9.50	+ 2.8925	- 0.0419	...	...
61	...	O.A.N. 317 ...	...	8.7	72.83	5	0 18 12.70	+ 3.2893	+ 0.0723	...	...
62	...	B.D. + 63°. 45 ...	...	8.7	71.60	5	0 18 57.02	+ 3.2905	+ 0.0697	...	...
63	87	44 Piscium ...	...	5.8	68.69	13	0 18 59.70	+ 3.0746	+ 0.0035	- 0.0028	- 0.01
64	...	C.Z. O. 504 ...	...	8.5	66.05	5	0 19 2.60	+ 2.8554	- 0.0472	...	- 0.13
65	...	Yarnall 185 ...	...	6.9	65.81	6	0 19 11.09	+ 2.9786	- 0.0205	...	- 0.09
66	89	45 Piscium ...	...	7.3	67.45	5	0 19 15.27	+ 3.0861	+ 0.0066	+ 0.0002	- 0.04
67	...	C.Z. O. 513 ...	...	9.0	82.09	4	0 19 17.17	+ 2.8855	- 0.0404	...	...
68	...	B.D. + 63°. 47 ...	...	9.0	71.62	5	0 19 34.94	+ 3.3006	+ 0.0710	...	...
69	...	C.Z. O. 525 ...	...	8.0	81.86	5	0 19 48.98	+ 2.7800	- 0.0578	...	...
70	93	Phœnicis ...	$\kappa$	4.0	77.27	5	0 20 2.99	+ 2.9579	- 0.0239	...	- 0.06

FROM OBSERVATIONS MADE AT THE MADRAS OBSERVATORY

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras--		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
36	157 23 11.2	- 20.033	+ 0.029	...	...	...	...	...	88	...	...
37	52 0 44.2	.033	.030	+ 0.007	- 1.8	...	...	43	...	9	...
38	151 57 12.5	.031	.029	...	...	+ 2.6	...	...	...	...	191
39	89 0 22.9	.030	.030	- 0.025	- 1.2	...	...	48	...	...	...
40	99 31 1.3	.022	.034	+ 0.026	- 0.7	0.0	...	58	101	14	223
41	130 48 22.8	.021	.033	...	...	- 1.1	41	...	102	...	224
42	82 30 13.5	.021	.036	- 0.019	- 2.1	...	...	62	...	16	...
43	150 22 58.6	.020	.033	...	...	+ 1.2	...	...	...	...	228
44	155 36 33.2	.020	.034	- 1.142	...	- 1.6	40	60	107	...	233
45	126 35 51.5	.018	.035	...	...	+ 2.9	46	...	109	...	239
46	129 55 58.1	.013	.037	...	...	+ 0.8	50	64	112	...	250
47	160 19 10.1	.013	.036	...	...	+ 1.9	53	...	114	...	253
48	155 48 29.0	.012	.036	...	...	+ 5.1	...	...	...	...	257
49	119 40 23.1	.010	.038	+ 0.066	- 1.7	+ 6.6	54	67	118	...	263
50	144 57 25.2	.009	.038	...	...	- 2.2	56	...	119	...	267
51	51 56 20.6	.003	.041	...	...	...	...	...	...	...	...
52	52 6 54.2	.003	.043	...	...	...	...	...	...	...	...
53	34 54 3.4	.003	.042	...	...	...	...	...	...	...	...
54	129 57 18.7	.002	.040	...	...	+ 1.1	61	...	128	...	289
55	34 53 28.7	- 20.000	.042	...	...	...	...	...	...	...	...
56	155 48 50.4	- 19.998	.040	...	...	+ 2.7	...	...	...	...	301
57	26 23 36.5	.997	.044	...	...	...	...	...	...	...	...
58	100 1 16.4	.995	.043	...	...	- 0.4	...	...	...	...	308
59	92 54 40.4	.992	.044	...	...	+ 2.4	...	78	139	...	316
60	149 31 30.5	.991	.042	...	...	...	...	...	...	...	488
61	26 3 14.6	.991	.047	...	...	...	...	...	...	...	...
62	26 50 22.0	.986	.048	...	...	...	...	...	...	...	...
63	88 45 9.5	.986	.046	+ 0.011	- 0.8	...	...	84	...	25	...
64	152 53 57.9	.984	.043	...	...	+ 3.2	...	...	...	...	332
65	129 57 0.4	.984	.044	...	...	+ 0.8	81	...	147	...	337
66	82 59 59.8	.983	.046	+ 0.049	- 1.5	...	...	85	...	26	...
67	148 57 34.1	.983	.044	...	...	...	...	...	...	...	513
68	26 32 58.4	.981	.049	...	...	...	...	...	...	...	...
69	158 26 16.5	.979	.044	...	...	...	...	...	...	...	525
70	134 22 26.4	- 19.978	+ 0.047	...	...	+ 1.4	89	88	153	...	351

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
71	...	C.P.D. — 40°.29	...	7.0	69.46	5	0 20 3.73	+ 2.9731	— 0.0207	...	...	— 0.12
72	94	Phœnicis ...	<i>a</i>	2.4	77.29	5	0 20 6.10	+ 2.9628	— 0.0227	+ 0.0170	...	+ 0.09
73	95	10 Ceti ...	...	6.2	68.54	5	0 20 12.75	+ 3.0708	+ 0.0036	+ 0.0038	— 0.02	— 0.10
74	...	C.Z. O. 543	...	8.5	82.90	5	0 20 18.96	+ 2.8714	— 0.0408	...	...	+ 0.07
75	...	Yarnall 204	...	6.5	83.90	5	0 20 58.73	+ 3.0119	— 0.0111	...	...	— 0.01
76	103	Sculptoris ...	$\eta$	4.8	79.71	5	0 21 43.61	+ 2.9878	— 0.0156	...	+ 0.04	+ 0.03
77	104	Brisbane 46	...	5.2	83.93	5	0 22 16.50	+ 2.9610	— 0.0205	...	...	— 0.10
78	...	C.Z. O. 605	...	8.0	81.83	5	0 22 32.45	+ 2.7697	— 0.0517	...	...	— 0.13
79	106	Brisbane 49	...	6.5	81.81	5	0 22 39.90	+ 2.9079	— 0.0297	...	...	— 0.06
80	108	Brisbane 52	...	7.1	79.20	5	0 23 15.33	+ 2.9530	— 0.0208	...	...	— 0.15
81	...	Lalande 658	...	8.9	68.44	5	0 23 15.55	+ 3.0611	+ 0.0007	...	...	...
82	112	12 Ceti ...	...	6.2	70.96	121	0 23 39.57	+ 3.0610	+ 0.0008	— 0.0015	+ 0.03	— 0.08
83	113	Lalande 670	...	7.0	63.14	13	0 23 43.13	+ 3.0823	+ 0.0054	...	...	...
84	...	67 Groombridge (R.P.L. 4)	...	7.9	82.60	20	0 24 4.98	+ 4.9065	+ 0.8548	...	...	...
85	115	Piazzi O. 91	...	5.2	83.88	5	0 24 7.68	+ 3.0082	— 0.0097	— 0.0030	+ 0.08	+ 0.18
86	117	Piazzi O. 94	...	6.5	79.89	5	0 24 21.34	+ 2.9461	— 0.0211	...	...	+ 0.07
87	119	Brisbane 56	...	5.5	80.26	5	0 24 23.03	+ 2.9094	— 0.0270	...	...	+ 0.12
88	121	14 Cassiopeiæ ...	$\lambda$	4.8	80.61	5	0 24 52.79	+ 3.2704	+ 0.0490	+ 0.0025	— 0.26	...
89	124	Phœnicis ...	$\lambda'$	4.8	79.68	5	0 25 22.99	+ 2.8992	— 0.0274	+ 0.0088	...	+ 0.17
90	...	Piscium ...	<i>T</i>	Var.	75.12	8	0 25 31.84	+ 3.1091	+ 0.0108	...	...	...
91	127	Tucanæ ...	$\beta^1$	4.5	77.47	5	0 25 48.35	+ 2.7690	— 0.0446	...	...	— 0.02
92	128	Tucanæ ...	$\beta^2$	4.3	77.32	5	0 25 49.13	+ 2.7690	— 0.0446	...	...	+ 0.07
93	126	15 Cassiopeiæ ...	$\kappa$	4.2	79.64	5	0 25 54.37	+ 3.3588	+ 0.0702	— 0.0001	— 0.04	...
94	...	B.D. + 13°.64	...	9.5	71.45	5	0 25 56.65	+ 3.1096	+ 0.0108	...	...	...
95	...	B.D. + 13°.68	...	9.5	73.45	5	0 26 37.85	+ 3.1105	+ 0.0109	...	...	...
96	134	Tucanæ ...	$\beta^3$	5.1	80.83	4	0 27 1.72	+ 2.7538	— 0.0441	...	...	+ 0.34
97	...	C.Z. O. 715	...	9.0	71.39	5	0 27 15.88	+ 2.8470	— 0.0325	...	...	...
98	...	C.P.D. — 41°.53	...	8.5	82.86	3	0 27 18.71	+ 2.9320	— 0.0203	...	...	...
99	135	Brisbane 62	...	5.6	79.72	5	0 27 30.04	+ 2.9789	— 0.0128	— 0.0060	...	+ 0.14
100	...	B.D. + 13°.73	...	7.5	65.16	5	0 27 42.13	+ 3.1119	+ 0.0109	...	...	...
101	...	C.Z. O. 733	...	8.2	81.83	5	0 27 45.86	+ 2.7354	— 0.0447	...	...	0.00
102	...	C.Z. O. 735	...	8.0	68.52	7	0 27 49.01	+ 2.7700	— 0.0413	...	...	— 0.04
103	140	Tucanæ ...	$\theta$	6.0	80.90	5	0 28 4.40	+ 2.5707	— 0.0577	0.000	...	+ 0.07
104	143	Brisbane 67	...	5.4	69.22	5	0 28 30.70	+ 2.8516	— 0.0303	+ 0.020	...	— 0.01
105	145	13 Ceti ...	...	5.3	71.11	7	0 28 48.85	+ 3.0597	+ 0.0014	+ 0.0265	...	— 0.19

FROM OBSERVATIONS MADE AT THE MADRAS OBSERVATORY

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
71	130 20 23.2	- 19.978	+ 0.046	...	...	+ 1.3	88	...	154	...	354
72	132 59 7.3	.977	.047	+ 0.408	...	+ 0.9	87	89	155	...	355
73	90 44 32.5	.976	.047	- 0.012	+ 0.8	- 0.3	...	90	156	29	356
74	149 29 17.2	.976	.046	...	...	+ 0.9	...	...	...	...	359
75	116 14 19.9	.970	.049	...	...	+ 0.2	90	...	158	...	363
76	123 41 51.8	.964	.050	...	- 3.2	+ 1.1	94	99	163	...	377
77	130 36 24.9	.960	.051	...	...	+ 5.2	99	101	168	...	390
78	156 36 16.4	.958	.049	...	...	+ 6.4	...	...	...	...	395
79	141 13 32.5	.956	.051	...	...	+ 5.1	101	103	170	...	398
80	131 21 24.5	.951	.053	...	...	- 0.2	104	107	173	...	410
81	94 42 19.9	.951	.054	...	...	...	...	...	...	...	...
82	94 38 54.2	.948	.055	+ 0.002	+ 0.1	+ 2.3	...	112	178	38	415
83	85 49 53.9	.947	.054	...	...	...	...	...	...	...	...
84	4 22 18.4	.943	.084	...	...	...	...	...	...	...	...
85	114 28 47.3	.943	.055	- 0.026	+ 1.1	+ 1.2	106	115	179	...	419
86	131 37 54.1	.942	.055	...	...	+ 2.0	109	118	181	...	425
87	138 54 12.4	.941	.054	...	...	+ 2.1	110	120	183	...	427
88	36 10 3.3	.937	.061	+ 0.025	- 1.7	...	...	122	...	40	...
89	139 29 42.5	.932	.056	- 0.005	...	+ 0.4	115	125	187	...	443
90	76 5 23.0	.930	.058	...	...	...	...	...	...	...	...
91	153 38 52.0	.927	.054	...	...	+ 2.7	119	129	190	...	451
92	153 39 17.2	.927	.054	...	...	+ 0.3	120	131	191	...	452
93	27 45 20.8	.927	.064	+ 0.010	- 0.3	...	...	126	...	43	...
94	76 5 34.1	.926	.059	...	...	...	...	...	...	...	...
95	76 11 38.1	.919	.061	...	...	...	...	...	...	...	...
96	153 43 13.9	.916	.056	...	...	+ 2.6	123	137	194	...	467
97	144 50 42.1	.913	.058	...	...	...	...	...	...	...	715
98	131 24 56.3	.912	.060	...	...	...	...	...	...	...	717
99	120 14 50.3	.911	.061	+ 0.039	...	+ 0.1	125	139	197	...	476
100	76 10 28.4	.908	.063	...	...	...	...	...	...	...	...
101	154 22 3.8	.907	.057	...	...	+ 3.8	...	...	...	...	484
102	151 50 16.6	.907	.057	...	...	+ 2.0	132	...	203	...	486
103	161 57 24.0	.905	.055	0.00	...	+ 3.4	139	...	205	...	491
104	143 8 50.7	.899	.060	- 0.01	...	+ 0.7	137	148	211	...	501
105	94 16 52.8	- 19.895	+ 0.064	+ 0.021	...	+ 1.6	...	151	213	50	505

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Proccosion 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madrus—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
106	...	C.Z. O. 764 ...	8.8	81.82	5	0 29 10.44	+ 2.7184	- 0.0438	...	...	+ 0.05
107	...	R.D. + 0°. 1124 ...	9.5	63.54	10	0 29 27.37	+ 3.0751	+ 0.0030	...	...	...
108	150	Phoenicis ...	$\lambda^2$ 5.4	79.70	5	0 29 43.22	+ 2.8755	- 0.0257	...	...	+ 0.01
109	155	20 Andromedæ ...	$\pi$ 4.4	79.67	5	0 30 12.46	+ 3.1864	+ 0.0243	+ 0.0004	0.00	...
110	...	C.Z. O. 813 ...	8.8	82.95	4	0 30 43.26	+ 2.7760	- 0.0360	...	...	+ 0.28
111	...	Anonymous ...	9.6	63.80	10	0 31 21.74	+ 3.0753	+ 0.0010	...	...	...
112	...	Lalande 970 ...	8.2	65.63	5	0 31 38.84	+ 3.1019	+ 0.0085	...	...	...
113	163	15 Ceti ...	6.9	64.56	5	0 31 41.02	+ 3.0684	+ 0.0029	- 0.0056	- 0.05	+ 0.03
114	...	Anonymous ...	8.3	66.25	5	0 32 0.32	+ 3.0971	+ 0.0076	...	...	...
115	165	Radcliffe 172 ...	5.6	79.27	5	0 32 15.86	+ 3.2855	+ 0.0419	...	...	...
116	...	C.P.D. - 38°. 49 ...	8.5	68.22	5	0 32 28.68	+ 2.9211	- 0.0176	...	...	...
117	...	C.P.D. - 46°. 60 ...	7.5	83.88	5	0 32 30.46	+ 2.8724	- 0.0233	...	...	+ 0.01
118	166	31 Andromedæ ...	$\delta$ 3.4	79.61	10	0 32 38.86	+ 3.1826	+ 0.0221	+ 0.0035	+ 0.11	...
119	...	Lalande 1010 ...	9.3	65.83	5	0 32 49.58	+ 3.0975	+ 0.0076	...	...	...
120	...	C.P.D. - 43°. 65 ...	7.8	83.96	5	0 32 53.84	+ 2.8876	- 0.0213	...	...	- 0.25
121	169	18 Cassiopeia (Shedir) ...	$\alpha$ Var.	66.88	10	0 33 25.38	+ 3.3586	+ 0.0553	+ 0.0052	- 0.06	...
122	171	Brisbane 79 ...	6.4	83.11	5	0 33 54.11	+ 2.8718	- 0.0223	- 0.002	...	- 0.19
123	...	C.P.D. - 38°. 52 ...	8.5	82.85	5	0 34 9.86	+ 2.9156	- 0.0169	...	...	...
124	174	Piazzi O. 146 ...	6.3	71.87	5	0 34 20.52	+ 3.0547	+ 0.0012	...	...	- 0.03
125	176	Brisbane 81 ...	5.7	79.67	5	0 34 33.68	+ 2.7220	- 0.0357	+ 0.120	...	+ 0.15
126	...	W.B.E. O. 585 ...	8.5	72.66	5	0 35 8.32	+ 3.0546	+ 0.0013	...	...	...
127	...	Lalande 1097 ...	7.9	63.46	10	0 35 9.71	+ 3.0760	+ 0.0043	...	...	...
128	188	Phoenicis ...	$\mu$ 4.6	79.94	5	0 35 25.09	+ 2.8533	- 0.0230	- 0.0060	...	+ 0.09
129	...	C.Z. O. 943 ...	8.5	81.80	5	0 35 32.39	+ 2.5378	- 0.0457	...	...	- 0.07
130	...	W.B.E. O. 572 ...	8.8	67.87	5	0 35 32.72	+ 3.0961	+ 0.0073	...	...	...
131	187	Brisbane 86 ...	7.0	82.88	5	0 35 59.70	+ 2.8716	- 0.0206	...	...	0.00
132	188	Phoenicis ...	$\xi$ 5.8	80.65	5	0 36 4.23	+ 2.7472	- 0.0321	...	...	+ 0.06
133	...	Lalande 1123 ...	8.5	63.67	10	0 36 15.83	+ 3.0760	+ 0.0044	...	...	...
134	189	20 Cassiopeia ...	$\pi$ 5.0	79.71	5	0 36 33.19	+ 3.2947	+ 0.0392	- 0.0027	...	...
135	...	C.Z. O. 960 ...	9.0	81.81	5	0 36 35.41	+ 2.6716	- 0.0369	...	...	...
136	192	Sculptoris ...	$\lambda^1$ 6.1	79.68	5	0 36 41.97	+ 2.8987	- 0.0173	...	...	+ 0.17
137	...	Anonymous ...	9.7	74.87	5	0 36 44.09	+ 3.0992	+ 0.0075	...	...	...
138	195	Tucanæ ...	$\rho$ 5.4	80.69	5	0 37 7.49	+ 2.5844	- 0.0414	...	...	- 0.04
139	196	16 Ceti ...	$\beta$ 2.1	71.93	120	0 37 18.80	+ 2.9990	- 0.0055	+ 0.0141	- 0.03	- 0.02
140	...	W.B.E. O. 628 ...	9.0	66.86	5	0 37 27.71	+ 3.0580	+ 0.0020	...	...	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
106	154 22 0'2	- 19'892	+ 0'059	...	...	+ 5'7	...	...	...	...	509
107	89 3 56'4	'888	'065	...	...	...	...	...	...	...	...
108	138 41 11'1	'886	'063	...	...	- 0'1	143	157	219	...	519
109	56 58 8'6	'881	'070	- 0'004	- 0'2	...	...	161	...	53	...
110	148 53 53'4	'875	'063	...	...	+ 0'3	...	...	...	...	541
111	89 3 55'8	'867	'069	...	...	...	...	...	...	...	...
112	80 51 29'5	'863	'070	...	...	...	...	...	...	...	...
113	91 11 28'9	'863	'069	+ 0'025	+ 0'5	+ 1'1	...	170	231	55	558
114	82 24 42'1	'859	'071	...	...	...	...	...	...	...	...
115	41 19 57'8	'856	'076	...	...	...	...	...	...	...	...
116	128 41 13'6	'853	'069	...	...	...	...	...	...	...	856
117	136 35 28'7	'853	'069	...	...	+ 0'8	158	...	237	...	571
118	59 49 24'7	'851	'075	+ 0'030	+ 0'5	...	...	174	...	57	...
119	82 28 47'5	'848	'072	...	...	...	...	...	...	...	...
120	133 58 53'6	'848	'069	...	...	+ 0'6	159	...	240	...	582
121	34 8 54'9	'841	'080	+ 0'038	- 0'4	...	...	178	...	59	...
122	135 29 4'6	'835	'071	+ 0'05	...	+ 3'0	166	181	247	...	602
123	129 16 3'4	'833	'072	...	...	...	...	...	...	...	911
124	95 2 17'8	'830	'075	...	...	+ 1'3	...	184	251	...	612
125	150 9 26'3	'827	'060	- 0'42	...	+ 1'7	172	...	253	...	617
126	94 55 8'9	'819	'078	...	...	...	...	...	...	...	...
127	88 56 18'7	'818	'076	...	...	...	...	...	...	...	...
128	136 46 17'0	'816	'073	+ 0'030	...	+ 0'5	177	192	258	...	626
129	158 52 27'4	'814	'066	...	...	+ 4'1	179	...	259	...	629
130	83 25 14'6	'813	'078	...	...	...	...	...	...	...	...
131	133 48 39'9	'808	'075	...	...	+ 1'4	178	194	261	...	632
132	147 11 21'9	'807	'072	...	...	+ 0'8	180	...	262	...	633
133	88 59 23'4	'804	'079	...	...	...	...	...	...	...	...
134	43 39 33'9	'800	'085	+ 0'024	...	...	...	195	...	67	...
135	152 3 0'4	'799	'071	...	...	...	...	...	...	...	960
136	129 8 50'9	'798	'075	...	...	+ 0'9	183	198	271	...	645
137	83 21 57'5	'797	'080	...	...	...	...	...	...	...	...
138	156 9 18'5	'792	'069	...	...	+ 0'3	188	...	275	...	653
139	108 40 22'8	'789	'080	- 0'043	- 0'6	+ 0'1	...	200	277	70	657
140	93 45 50'3	- 19'787	+ 0'080	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
141	199	Phoenicis ... $\eta$	4.5	80.25	5	0 37 43.89	+ 2.7195	- 0.0324	- 0.0022	...	+ 0.13
142	200	17 Ceti ... $\phi^1$	4.9	80.62	5	0 37 52.99	+ 3.0283	- 0.0017	- 0.0027	- 0.05	- 0.05
143	202	Sculptoris ... $\lambda^2$	5.8	80.44	5	0 38 9.27	+ 2.8921	- 0.0170	+ 0.0139	...	+ 0.01
144	...	Lalande 1198 ...	8.2	63.80	10	0 38 40.40	+ 3.0767	+ 0.0045	- 0.0054	...	...
145	207	Brisbane 96 ...	6.4	83.88	5	0 39 2.23	+ 2.8582	- 0.0198	...	...	- 0.01
146	...	W.B.E. O. 658 ...	9.0	65.89	10	0 39 11.86	+ 3.0764	+ 0.0046	...	...	...
147	...	Anonymous ...	9.2	67.28	5	0 40 23.31	+ 2.6549	- 0.0340	...	...	...
148	213	58 Piscium ...	5.7	72.81	6	0 40 30.25	+ 3.1192	+ 0.0101	+ 0.0017	- 0.09	...
149	215	34 Andromedæ ... $\zeta$	4.4	79.48	5	0 40 42.84	+ 3.1754	+ 0.0179	- 0.0086	- 0.13	...
150	216	60 Piscium ...	6.1	64.57	5	0 40 55.73	+ 3.0974	+ 0.0063	- 0.0010	...	...
151	...	W.B.E. O. 697 ...	9.0	67.21	5	0 41 17.16	+ 3.0504	+ 0.0015	...	...	...
152	218	24 Cassiopeiæ (1st) $\eta$	3.6	79.16	8	0 41 33.07	+ 3.4456	+ 0.0006	+ 0.1351	+ 0.09	...
153	218	24 Cassiopeiæ (2nd) $\eta$	3.6	78.50	7	0 41 33.37	+ 3.4457	+ 0.0006	+ 0.1351	+ 0.12	...
154	...	W.B.E. O. 705 ...	8.9	67.05	5	0 41 41.85	+ 3.0536	+ 0.0019	...	...	...
155	219	25 Cassiopeiæ ... $\nu$	5.0	79.92	5	0 41 45.23	+ 3.3638	+ 0.0462	+ 0.0022	- 0.28	...
156	221	Piazzi O. 190 ...	5.7	63.43	5	0 41 49.69	+ 3.0920	+ 0.0066	+ 0.054	...	...
157	222	63 Piscium ... $\delta$	4.6	76.10	62	0 42 11.87	+ 3.1018	+ 0.0079	+ 0.0037	+ 0.01	...
158	...	Anonymous ...	9.2	65.59	10	0 42 14.00	+ 3.0764	+ 0.0047	...	...	...
159	...	W.B.E. O. 716 ...	9.0	67.27	5	0 42 15.14	+ 3.0528	+ 0.0018	...	...	...
160	...	Anonymous ...	9.9	63.86	10	0 42 42.94	+ 3.0776	+ 0.0048	...	...	...
161	227	35 Andromedæ ... $\nu$	4.4	79.71	5	0 42 55.41	+ 3.2840	+ 0.0326	- 0.0009	- 0.13	...
162	...	C.Z. O. 1141 ...	8.2	81.81	5	0 43 27.84	+ 2.6165	- 0.0328	...	...	- 0.20
163	...	Anonymous ...	9.1	71.12	4	0 43 28.87	+ 3.0767	+ 0.0048	...	...	...
164	233	19 Ceti ... $\phi^3$	5.3	79.29	5	0 43 51.87	+ 3.0213	- 0.0014	- 0.0178	...	+ 0.04
165	234	Brisbane 107 ...	6.3	83.95	5	0 44 11.86	+ 2.8241	- 0.0194	...	...	- 0.38
166	238	Phoenicis ... $\rho$	5.0	79.25	5	0 44 59.42	+ 2.7424	- 0.0246	...	...	- 0.09
167	...	Yarnall 447 ...	6.9	68.69	5	0 45 26.01	+ 2.8574	- 0.0161	...	...	- 0.10
168	...	C.P.D. - 39°. 62 ...	9.3	68.87	5	0 45 40.94	+ 2.8565	- 0.0160	...	...	...
169	...	Lalande 1477 ...	5.5	83.88	5	0 46 32.35	+ 2.9488	- 0.0078	...	0.00	+ 0.01
170	242	20 Ceti ...	5.0	63.98	17	0 46 37.15	+ 3.0636	+ 0.0036	- 0.0022	- 0.02	- 0.08
171	...	W.B.E. O. 806 ...	9.0	63.56	10	0 47 13.79	+ 3.0782	+ 0.0051	...	...	...
172	...	C.Z. O. 1234 ...	7.0	81.82	5	0 47 25.06	+ 2.4984	- 0.0336	...	...	- 0.06
173	...	Brisbane 114 ...	6.5	79.89	5	0 47 39.10	+ 2.3064	- 0.0359	...	...	+ 0.16
174	245	Radcliffe 247 ...	6.5	79.49	5	0 47 59.33	+ 3.3808	+ 0.0434	...	...	...
175	...	C.Z. O. 1250 ...	9.5	67.06	5	0 48 3.63	+ 2.5113	- 0.0328	...	...	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras --		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
141	148 8 57.4	- 19.783	+ 0.073	+ 0.010	...	+ 1.5	190	204	280	...	662
142	101 17 20.1	.781	.081	+ 0.113	- 0.8	- 2.0	...	203	282	71	664
143	129 6 37.7	.777	.078	- 0.119	...	- 0.7	192	206	283	...	666
144	88 52 46.1	.769	.084	+ 0.587	...	...	...	...	...	...	...
145	133 21 30.7	.764	.079	...	...	+ 3.5	200	215	293	...	651
146	88 58 35.0	.762	.084	...	...	...	...	...	...	...	...
147	150 41 17.4	.744	.075	...	...	...	...	...	...	...	...
148	78 42 20.8	.742	.087	+ 0.013	- 1.0	...	...	224	...	76	...
149	66 24 48.1	.739	.090	+ 0.072	- 0.2	...	...	226	...	78	...
150	83 56 29.7	.736	.087	+ 0.003	...	...	...	228	...	80	...
151	95 10 53.6	.730	.087	...	...	...	...	...	...	...	...
152	32 50 53.1	.726	.099	+ 0.516	+ 0.2	...	...	230	...	79	...
153	32 50 58.8	.725	.099	+ 0.516	- 1.2	...	...	...	...	79	...
154	94 23 41.3	.724	.087	...	...	...	...	...	...	...	...
155	39 42 50.5	.722	.097	+ 0.015	- 0.6	...	...	234	...	83	...
156	85 21 44.1	.721	.089	+ 1.13	...	...	...	235	317	...	...
157	83 5 43.5	.716	.091	+ 0.041	- 1.3	...	...	238	318	85	...
158	89 2 58.9	.713	.089	...	...	...	...	...	...	...	...
159	94 33 11.3	.714	.088	...	...	...	...	...	...	...	...
160	88 45 52.0	.707	.090	...	...	...	...	...	...	...	...
161	49 36 8.5	.703	.097	+ 0.010	0.0	...	...	240	...	87	...
162	151 3 12.2	.695	.080	...	...	+ 3.9	...	...	...	...	751
163	89 0 43.8	.694	.092	...	...	...	...	...	...	...	...
164	101 19 0.4	.689	.092	- 0.225	...	- 0.6	...	249	328	89	757
165	134 4 36.6	.682	.087	...	...	+ 0.4	231	252	331	...	759
166	141 40 9.6	.669	.086	...	...	+ 1.4	233	258	335	...	769
167	129 12 30.7	.661	.090	...	...	+ 1.5	234	...	336	...	775
168	129 10 17.6	.657	.090	...	...	...	...	...	...	...	1195
169	114 41 14.3	.643	.095	...	+ 0.3	+ 1.8	238	...	342	...	791
170	91 49 25.0	.641	.098	+ 0.009	+ 0.3	+ 1.6	...	262	343	93	792
171	88 46 10.4	.630	.099	...	...	...	...	...	...	...	...
172	154 25 24.2	.627	.083	...	...	+ 4.1	246	...	347	...	806
173	160 10 50.7	.622	.077	...	...	- 0.8	250	...	348	...	810
174	41 59 58.2	.616	.110	...	...	...	...	...	...	...	...
175	153 36 41.4	- 19.615	+ 0.084	...	...	...	...	...	...	...	1259



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
176	251	Tucanæ ... .. $\lambda^1$	5.6	65.87	5	h m s 0 48 25.32	s + 2.5087	s - 0.0327	s ...	s ...	s - 0.22
177	253	27 Cassiopeiæ ... .. $\gamma$	2.3	78.96	5	0 49 10.92	+ 3.5661	+ 0.0714	+ 0.0026	+ 0.23	...
178	...	C.P.D. - 42°. 86 ... ..	9.0	81.86	5	0 49 16.65	+ 2.8094	- 0.0176	...	...	- 0.09
179	...	Anonymous ... ..	9.7	68.10	5	0 49 22.78	+ 2.4921	- 0.0323	...	...	...
180	...	C.P.D. - 43°. 109 ... ..	9.0	66.22	5	0 49 25.84	+ 2.7985	- 0.0185	...	...	+ 0.29
181	...	C.P.D. - 38°. 78 ... ..	8.5	82.85	5	0 49 30.92	+ 2.8467	- 0.0149	...	...	...
182	240	Groombridge 144 (R.P.L. 10)	6.6	79.69	40	0 49 38.97	+ 13.0622	+ 7.6087	+ 0.1531	...	...
183	259	37 Andromedæ ... .. $\mu$	3.9	79.28	5	0 49 49.05	+ 3.2961	+ 0.0305	+ 0.0109	- 0.13	...
184	...	C.P.D. - 28°. 75 ... ..	6.0	83.90	5	0 49 51.63	+ 2.9158	- 0.0095	...	...	+ 0.05
185	266	Tucanæ ... .. $\lambda^2$	5.4	79.92	5	0 50 20.14	+ 2.2630	- 0.0332	- 0.010	...	+ 0.33
186	264	38 Andromedæ ... .. $\eta$	4.6	79.52	5	0 50 31.95	+ 3.1948	+ 0.0178	- 0.0029	- 0.11	...
187	...	C.P.D. - 39°. 71 ... ..	9.1	69.07	5	0 50 51.53	+ 2.8288	- 0.0155	...	...	...
188	...	C.Z. O. 1319 ... ..	8.5	81.85	5	0 50 59.93	+ 2.5951	- 0.0277	...	...	...
189	...	C.Z. O. 1327 ... ..	7.2	67.28	4	0 51 11.85	+ 2.4473	- 0.0318	...	...	+ 0.05
190	...	Lalande 1638 ... ..	7.0	63.56	10	0 51 14.41	+ 3.0780	+ 0.0052	...	...	...
191	...	Lalande 1639 ... ..	7.8	63.58	10	0 51 16.30	+ 3.0796	+ 0.0054	...	...	...
192	...	Cephei ... .. $U$ Var.	8.0	80.93	10	0 51 18.74	+ 4.9899	+ 0.4268	...	...	...
193	...	C.P.D. - 40°. 86 ... ..	9.1	68.90	5	0 51 34.55	+ 2.8063	- 0.0160	...	...	...
194	...	C.P.D. - 41°. 92 ... ..	8.8	83.11	5	0 51 45.97	+ 2.8032	- 0.0167	...	...	+ 0.06
195	262	2 Ursæ Min. (R.P.L. 12) ... ..	4.5	76.05	49	0 52 0.83	+ 0.9686	+ 1.3369	+ 0.0744	+ 0.25	...
196	...	C.P.D. - 40°. 88 ... ..	8.5	69.86	5	0 52 21.66	+ 2.8125	- 0.0160	...	...	0.00
197	272	Sculptoris ... .. $\alpha$	4.1	79.11	5	0 52 34.90	+ 2.8964	- 0.0101	- 0.0031	+ 0.03	+ 0.11
198	...	W.B.E. O. 897... ..	9.0	65.90	5	0 52 40.02	+ 3.0575	+ 0.0034	...	...	...
199	276	Brisbane 127 ... ..	6.3	60.46	5	0 53 10.09	+ 2.5091	- 0.0289	+ 0.008	...	- 0.10
200	...	Sculptoris ... .. $\xi$	5.4	83.88	5	0 55 27.78	+ 2.8072	- 0.0148	...	...	0.00
201	273	Groombridge 196 (R.P.L. 14)	6.2	78.16	47	0 55 30.37	+ 8.2789	+ 2.0702	+ 0.0537	+ 0.09	...
202	...	Lalande 1784 ... ..	8.0	63.56	10	0 55 32.92	+ 3.0827	+ 0.0058	...	...	...
203	281	70 Piscium ... ..	8.0	69.78	11	0 55 36.90	+ 3.1132	+ 0.0086	- 0.0020	- 0.05	...
204	...	Anonymous ... ..	9.0	82.35	5	0 55 52.13	+ 2.5784	- 0.0249	...	...	...
205	288	71 Piscium ... .. $\epsilon$	4.5	71.74	132	0 56 27.42	+ 3.1135	+ 0.0087	- 0.0071	+ 0.02	...
206	...	C.P.D. - 42°. 100 ... ..	9.5	81.82	5	0 56 36.17	+ 2.7696	- 0.0165	...	...	...
207	292	Phœnicis ... .. $\omega$	5.9	79.30	5	0 56 44.36	+ 2.5544	- 0.0252	- 0.008	...	+ 0.06
208	294	Brisbane 137 ... ..	5.2	83.90	5	0 57 10.96	+ 2.7173	- 0.0187	...	...	- 0.07
209	...	C.Z. O. 1479 ... ..	8.5	81.85	5	0 57 12.60	+ 2.5433	- 0.0252	...	...	...
210	295	26 Ceti ... ..	6.0	62.75	16	0 57 23.02	+ 3.0763	+ 0.0054	+ 0.0064	- 0.11	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
176	153 33 3.9	- 19.608	+ 0.084	...	...	+ 2.8	253	...	354	...	825
177	29 57 38.5	.594	.119	+ 0.019	- 0.3	...	...	275	...	99	...
178	132 39 24.4	.593	.095	...	...	+ 1.7	...	...	...	...	837
179	153 46 12.6	.591	.085	...	...	...	...	...	...	...	...
180	133 43 38.8	.590	.093	...	...	+ 1.5	...	...	...	...	842
181	128 11 53.5	.589	.097	...	...	...	...	...	...	...	1287
182	1 38 52.0	.586	.418	+ 0.027	...	...	...	248	...	65	...
183	52 10 43.8	.583	.112	- 0.041	- 1.3	...	...	282	...	101	...
184	113 27 11.5	.582	.100	...	...	- 1.6	256	...	365	...	854
185	160 12 14.5	.573	.080	+ 0.05	...	+ 2.4	262	...	366	...	860
186	67 15 27.5	.569	.110	+ 0.042	- 0.5	...	...	287	...	104	...
187	129 36 33.8	.562	.098	...	...	...	...	...	...	...	...
188	148 15 54.1	.560	.092	...	...	...	...	...	...	...	1319
189	154 38 30.7	.556	.087	...	...	+ 4.4	264	...	372	...	875
190	88 53 29.8	.554	.107	...	...	...	...	...	...	...	...
191	88 34 59.6	.554	.107	...	...	...	...	...	...	...	...
192	8 47 57.1	.554	.169	...	...	...	...	...	...	...	...
193	130 37 21.0	.546	.099	...	...	...	...	...	...	...	...
194	131 55 54.5	.545	.099	...	...	+ 3.6	...	...	...	...	885
195	4 24 54.3	.540	.237	+ 0.011	+ 1.2	...	...	280	...	92	...
196	130 38 26.9	.534	.100	...	...	+ 0.7	...	...	...	...	898
197	120 2 0.7	.529	.104	+ 0.020	+ 0.1	+ 1.0	266	300	378	...	902
198	92 46 20.5	.525	.109	...	...	...	...	...	...	...	...
199	151 22 23.7	.518	.092	0.00	...	+ 1.7	271	...	380	...	910
200	129 35 33.0	.470	.106	...	...	+ 2.0	277	...	392	...	943
201	3 31 17.3	.469	.297	+ 0.021	- 0.4	...	...	298	...	95	...
202	88 8 54.5	.468	.115	...	...	...	...	...	...	...	...
203	82 44 1.6	.466	.116	- 0.07	- 1.3	...	...	311	...	110	...
204	143 49 58.6	.462	.099	...	...	...	...	...	...	...	...
205	82 43 59.5	.449	.119	- 0.036	- 1.2	...	...	316	400	113	...
206	132 47 56.5	.446	.106	...	...	...	...	...	...	...	1458
207	147 40 34.3	.443	.099	0.00	...	+ 1.5	288	319	402	...	959
208	137 4 13.2	.433	.106	...	...	+ 1.2	289	...	407	...	965
209	148 0 53.3	.433	.100	...	...	...	...	...	...	...	1479
210	89 18 13.6	- 19.429	+ 0.119	+ 0.033	+ 0.1	...	...	323	...	116	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madrone	
										Gen. 1880	Co.L.A.
						h m s	s	"	"	"	"
211	...	Lalande 1879 ...	7.3	63.55	10	0 58 17.83	+ 3.0820	+ 0.0058	...	...	...
212	...	W.B.E. O. 1031 ...	9.0	63.59	10	0 59 41.89	+ 3.0841	+ 0.0061	...	...	...
213	314	30 Cassiopeia ...	$\mu$ 5.2	80.44	15	0 59 57.68	+ 3.5536	+ 0.0577	+ 0.3850	- 0.35	...
214	317	Phoenicis ...	$\beta$ 3.4	77.13	5	1 0 30.19	+ 2.6929	- 0.0183	- 0.0050	...	0.00
216	318	41 Andromedæ ...	...	79.30	5	1 0 50.75	+ 3.4025	+ 0.0380	+ 0.0137	+ 0.14	...
216	323	30 Ceti ...	5.9	83.89	5	1 1 28.98	+ 3.0068	+ 0.0001	+ 0.0090	...	- 0.08
217	324	29 Ceti ...	7.0	65.87	5	1 1 33.02	+ 3.0806	+ 0.0058	+ 0.0072	...	...
218	...	C.Z. 1.51 ...	8.5	81.86	5	1 1 51.01	+ 2.4387	- 0.0245	...	...	...
219	328	80 Piscium ...	$e$ 5.7	63.46	19	1 1 55.90	+ 3.1035	+ 0.0077	- 0.0195	+ 0.02	...
220	331	Phoenicis ...	$v$ 5.2	77.91	5	1 2 5.11	+ 2.7483	- 0.0151	...	...	+ 0.11
221	...	B.D. + 72°. 63 ...	9.3	72.06	5	1 2 7.28	+ 4.2044	+ 0.1622	...	...	...
222	330	42 Andromedæ ...	$\phi$ 4.3	79.68	5	1 2 15.10	+ 3.4512	+ 0.0429	- 0.0031	- 0.10	...
223	332	31 Ceti ...	$\eta$ 3.6	77.50	5	1 2 18.01	+ 3.0034	0.0000	+ 0.0121	...	- 0.14
224	333	Tucanæ ...	$i$ 5.2	77.92	5	1 2 21.10	+ 2.3837	- 0.0249	+ 0.0007	...	- 0.26
225	334	43 Andromedæ (Mirach) ...	$\beta$ 2.2	82.82	32	1 2 44.23	+ 3.3219	+ 0.0286	+ 0.0138	0.00	...
226	...	B.D. 2°. 161 ...	9.5	63.83	10	1 2 45.93	+ 3.0856	+ 0.0063	...	...	...
227	340	Phoenicis ...	$\zeta$ 4.1	79.28	5	1 3 7.65	+ 2.5318	- 0.0221	...	...	+ 0.01
228	339	33 Cassiopeia ...	$\theta$ 4.4	77.93	5	1 3 20.96	+ 3.5816	+ 0.0588	+ 0.0233	- 0.25	...
229	...	W.B.E. 1.15 ...	9.0	63.82	9	1 3 34.16	+ 3.0878	+ 0.0065	...	...	...
230	...	C.Z. 1.93 ...	9.0	70.09	5	1 3 35.39	+ 2.1326	- 0.0237	...	...	...
231	...	Lalande 2089 ...	8.6	63.61	10	1 4 1.40	+ 3.0844	+ 0.0062	...	...	...
232	344	33 Ceti ...	6.3	64.85	12	1 4 7.61	+ 3.0837	+ 0.0062	- 0.0017	- 0.05	...
233	...	C.P.D. - 44°. 144 ...	9.5	82.90	5	1 4 31.25	+ 2.7041	- 0.0161	...	...	...
234	...	B.D. + 71°. 58 ...	8.7	70.65	5	1 4 35.23	+ 4.1820	+ 0.1517	...	...	...
235	348	84 Piscium ...	$\chi$ 4.9	79.11	5	1 4 44.25	+ 3.2106	+ 0.0180	- 0.0006	+ 0.03	...
236	...	C.P.D. - 37°. 110 ...	9.0	68.65	5	1 5 17.37	+ 2.7859	- 0.0123	...	...	+ 0.13
237	...	C.P.D. - 44°. 149 ...	9.0	81.85	5	1 5 52.35	+ 2.7011	- 0.0157	...	...	...
238	...	C.P.D. - 39°. 94 ...	8.5	66.27	5	1 6 16.87	+ 2.7543	- 0.0135	...	...	- 0.08
239	362	Brisbane 166 ...	6.6	83.89	5	1 6 28.82	+ 2.8382	- 0.0092	...	...	+ 0.07
240	367	Brisbane 168 ...	5.9	79.68	5	1 6 59.82	+ 2.7655	- 0.0126	+ 0.0030	...	+ 0.03
241	...	Lalande 2186 ...	8.2	77.84	5	1 7 9.76	+ 3.1286	+ 0.0099	...	...	...
242	368	86 Piscium ...	$\zeta^1$ 5.4	66.40	15	1 7 12.04	+ 3.1191	+ 0.0080	+ 0.0075	- 0.03	...
243	...	C.Z. 1.203 ...	8.2	69.71	5	1 7 51.53	+ 2.3075	- 0.0225	...	...	+ 0.27
244	372	37 Ceti ...	5.0	79.51	5	1 8 6.15	+ 3.0130	+ 0.0014	+ 0.0055	- 0.07	- 0.03
245	...	W.B.E. 1.101 ...	9.0	63.59	10	1 8 19.82	+ 3.0871	+ 0.0066	...	...	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0			Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
						h	m	s				Grn. 1880	C.G.A.
246	...	C.Z. l. 226 ...	8.5	83.10	5	1	8	41.09	+ 2.4887	- 0.0203	...	...	- 0.00
247	...	C.Z. l. 237 ...	8.5	81.88	5	1	9	13.56	+ 2.3344	- 0.0216	...	...	0.00
248	380	Phœnicis ...	4.9	79.69	5	1	9	32.55	+ 2.6553	- 0.0159	+ 0.007	...	+ 0.09
249	...	O.A.N. 1303 ...	7.3	71.48	4-5	1	9	36.67	+ 4.2839	+ 0.1510	...	...	...
250	...	C.P.D. - 34° .112 ...	9.0	82.95	5	1	9	45.44	+ 2.7948	- 0.0105	...	...	- 0.01
251	...	B.D. + 2° .182 ...	9.5	63.58	11	1	9	50.12	+ 3.0888	+ 0.0068	...	...	...
252	385	Brisbane 174 ...	7.9	81.92	5	1	10	18.50	+ 2.7915	- 0.0105	...	...	+ 0.01
253	...	Cassiopeiæ ...	8	74.14	10	1	10	29.53	+ 4.3145	+ 0.1632	...	...	...
254	...	C.P.D. - 42° .128 ...	6.7	83.96	5	1	10	36.23	+ 2.6985	- 0.0141	...	...	- 0.23
255	...	C.Z. l. 273 ...	8.0	81.86	5	1	10	38.02	+ 2.2840	- 0.0209	...	...	- 0.14
256	...	Anonymous ...	9.5	67.47	5	1	10	42.98	+ 3.1310	+ 0.0099	...	...	...
257	...	Stone 492 ...	8.2	68.45	5	1	10	44.29	+ 2.2466	- 0.0209	...	...	...
258	...	Piscium ...	8	74.89	10	1	11	2.58	+ 3.1315	+ 0.0100	...	...	...
259	388	89 Piscium ...	5.1	64.08	16	1	11	21.13	+ 3.0934	+ 0.0072	- 0.0049	0.00	...
260	392	Tucanæ ...	4.9	79.92	5	1	11	31.55	+ 1.9718	- 0.0154	+ 0.050	...	+ 0.09
261	...	R.P.L. 18 ..	7.9	78.78	39	1	11	40.45	+ 14.3425	+ 0.4938	...	...	...
262	...	C.Z. l. 307 ...	9.5	73.86	5	1	12	15.45	+ 2.2820	- 0.0202	...	...	...
263	...	C.Z. l. 327 ...	9.0	71.68	5	1	12	39.23	+ 2.2807	- 0.0203	...	...	...
264	398	Brisbane 180 ...	6.2	79.72	5	1	12	43.45	+ 2.0867	- 0.0179	...	...	+ 0.20
265	...	C.P.D. - 40° .122 ...	8.5	83.56	5	1	12	46.04	+ 2.7124	- 0.0128	...	...	- 0.13
266	360	1 Ursæ Minoris ( <i>Polaris</i> ) $\alpha$	2.2	72.69	139	1	12	58.97	+ 20.7403	+ 14.9675	+ 0.1199	- 0.20	...
267	...	Brisbane 181 ...	6.9	83.90	5	1	13	11.86	+ 2.6670	- 0.0142	...	...	+ 0.01
268	404	46 Andromedæ ...	4.9	78.93	5	1	14	59.13	+ 3.4909	+ 0.0417	+ 0.0023	- 0.16	...
269	...	Brisbane 203 ...	7.5	69.88	5	1	15	25.57	+ 2.3012	- 0.0190	...	...	+ 0.17
270	406	43 Ceti ...	6.7	62.77	8	1	16	11.32	+ 3.0638	+ 0.0053	- 0.0013	...	+ 0.11
271	...	C.P.D. - 32° .156 ...	9.0	81.87	5	1	16	38.39	+ 2.7877	- 0.0080	...	...	...
272	...	Paris 1781 ...	7.9	73.82	5	1	16	44.66	+ 3.1510	+ 0.0113	...	...	...
273	412	36 Cassiopeiæ ...	4.8	79.49	5	1	17	7.33	+ 4.1367	+ 0.1206	+ 0.0110	- 0.40	...
274	...	Lalande 2526 ...	8.0	65.64	5	1	17	33.45	+ 3.0220	+ 0.0028	...	...	...
275	422	Brisbane 196 ...	6.9	79.91	5	1	17	37.99	+ 2.0235	- 0.0147	...	...	+ 0.23
276	416	37 Cassiopeiæ ...	2.8	{ 76.95 } { 77.31 }	3-5	1	17	39.36	+ 3.8292	+ 0.0773	+ 0.0381	+ 0.17	...
277	419	44 Ceti ...	7.0	73.23	5	1	17	45.34	+ 3.0044	+ 0.0019	+ 0.0082	...	- 0.03
278	420	45 Ceti ...	3.8	71.71	121	1	17	46.52	+ 3.0031	+ 0.0018	- 0.0009	+ 0.02	...
279	424	Brisbane 192 ...	6.9	81.85	5	1	18	22.86	+ 2.7870	- 0.0083	...	...	- 0.05
280	...	C.P.D. - 38° .142 ...	9.4	81.89	5	1	18	53.45	+ 2.7768	- 0.0087	...	...	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
246	145 54 20.4	- 19.159	+ 0.115	...	...	+ 1.4	...	...	...	...	1162
247	151 40 18.8	.147	.109	...	...	+ 3.3	...	...	480	...	1170
248	136 11 59.3	.138	.124	- 0.15	...	+ 0.7	337	407	483	...	1174
249	18 15 29.0	.136	.194	...	...	...	...	...	...	...	...
250	124 41 33.0	.133	.130	...	...	+ 1.2	...	...	...	...	1177
251	87 38 34.7	.131	.142	...	...	...	...	...	...	...	...
252	121 48 36.5	.119	.131	...	...	+ 3.2	339	410	487	...	1188
253	18 2 49.4	.113	.199	...	...	...	...	...	...	...	...
254	132 40 12.7	.110	.127	...	...	+ 1.9	344	...	489	...	1194
255	152 46 18.1	.109	.109	...	...	+ 3.9	...	...	...	...	1195
256	81 46 13.8	.106	.146	...	...	...	...	...	...	...	...
257	153 43 34.6	.106	.107	...	...	...	...	...	402	...	...
258	81 43 41.2	.099	.147	...	...	...	...	...	...	...	...
259	87 2 39.5	.091	.146	+ 0.019	- 1.5	...	...	414	...	171	...
260	159 32 26.2	.085	.096	- 0.07	...	+ 0.8	356	...	496	...	1210
261	2 5 23.9	.082	.051	...	...	...	...	...	...	...	...
262	152 19 4.1	.066	.111	...	...	...	...	...	...	...	307
263	152 14 3.8	.055	.111	...	...	...	...	...	...	...	327
264	157 3 23.5	.053	.103	...	...	+ 1.0	361	...	502	...	1231
265	130 45 46.7	.052	.131	...	...	+ 4.9	...	...	...	...	1233
266	1 21 27.0	.046	.055	+ 0.001	+ 0.9	...	...	363	...	102	...
267	133 59 31.1	- 19.040	.130	...	...	+ 2.3	358	428	506	...	1238
268	45 7 37.2	- 18.991	.172	+ 0.005	- 0.5	...	...	432	...	177	...
269	150 43 51.8	.078	.116	...	...	+ 2.9	...	...	516	...	1279
270	91 6 14.2	.056	.153	- 0.002	...	- 2.3	...	436	523	181	1294
271	122 57 17.5	.044	.142	...	...	...	...	...	...	...	423
272	79 49 41.5	.041	.159	...	...	...	...	...	...	...	...
273	22 31 22.7	.029	.207	- 0.022	- 1.1	...	...	441	...	178	...
274	96 27 56.3	.016	.153	...	...	...	...	...	...	...	...
275	157 2 18.7	.015	.106	...	...	+ 0.9	391	...	537	...	1322
276	30 21 57.5	.014	.194	+ 0.056	+ 2.0	...	...	445	...	180	...
277	98 30 29.0	.011	.154	+ 0.058	...	+ 0.1	...	450	542	183	1325
278	98 49 44.4	.011	.154	+ 0.210	- 0.6	+ 0.6	...	451	543	184	1326
279	122 27 40.5	.893	.141	...	...	+ 2.1	386	454	548	...	1334
280	123 12 52.1	- 18.878	+ 0.145	...	...	...	...	...	...	...	...

No.	R.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875 0	Annual Precession 1875 0	Secular Variation 1875 0	Annual Proper Motion	Madras —	
										Grn. 1880	G.G. A.
						h m s	s	s	h	h	s
281	426	Phœnicis ...	$\sigma^2$ 5.3	79.67	5	1 19 8.67	+ 2.6626	- 0.0124	...	...	+ 0.03
282	...	C.P.D. — 33°. 143	... 9.4	81.96	5	1 19 13.85	+ 2.7722	- 0.0088	...	...	...
283	...	C.Z. l. 496	... 8.0	69.29	4-5	1 19 17.85	+ 2.2448	- 0.0173	...	...	+ 0.23
284	429	46 Ceti ...	... 5.3	79.70	5	1 19 28.34	+ 2.9183	- 0.0009	+ 0.0013	...	- 0.08
285	427	93 Piscium ...	$\rho$ 5.2	75.32	7	1 19 31.22	+ 3.2246	+ 0.0163	- 0.0056	+ 0.07	...
286	...	Ceti ...	$\mathcal{U}$ Var.	80.89	10	1 19 32.12	+ 3.0358	+ 0.0039	...	...	- 0.06
287	...	C.P.D. — 32°. 165	... 9.8	83.12	5	1 19 45.05	+ 2.7764	- 0.0086	...	...	...
288	431	94 Piscium ...	... 5.6	79.62	3	1 19 56.76	+ 3.2259	+ 0.0163	+ 0.0012	+ 0.05	...
289	433	Lalande 2614 ...	... 6.6	64.62	5	1 20 3.50	+ 3.0638	+ 0.0056	...	...	- 0.07
290	432	48 Andromedæ ...	$\omega$ 4.8	80.46	5	1 20 11.08	+ 3.5267	+ 0.0120	+ 0.0312	+ 0.08	...
291	...	Lalande 2625 ...	... 8.3	74.28	5	1 20 25.42	+ 3.1592	+ 0.0117	...	...	...
292	...	C.P.D. — 33°. 144	... 9.0	82.56	5	1 20 43.26	+ 2.7704	- 0.0085	...	...	...
293	...	Sculptoris ...	$\mathcal{R}$ Var.	79.43	10	1 21 12.01	+ 2.7687	- 0.0085	...	...	- 0.18
294	438	38 Cassiopeie ...	A 5.9	80.29	5	1 21 57.09	+ 4.3319	+ 0.1127	+ 0.0258	+ 0.28	...
295	441	49 Andromedæ ...	A 5.2	79.35	5	1 22 36.75	+ 3.5667	+ 0.0147	- 0.0009	...	...
296	...	C.P.D. — 33°. 147	... 9.0	81.94	5	1 22 42.82	+ 2.7578	- 0.0085	...	...	...
297	447	Phœnicis ...	$\gamma$ 3.3	77.32	5	1 22 55.92	+ 2.6158	- 0.0125	- 0.0052	...	- 0.19
298	...	C.P.D. — 32°. 173	... 8.8	81.89	5	1 23 8.38	+ 2.7678	- 0.0080	...	...	- 0.14
299	...	C.P.D. — 41°. 137	... 8.5	82.32	5	1 23 26.64	+ 2.6540	- 0.0114	...	...	...
300	448	98 Piscium ...	$\mu$ 5.2	65.98	12	1 23 38.17	+ 3.1181	+ 0.0089	+ 0.0177	- 0.05	...
301	...	B.D. + 2°. 221	... 8.8	66.86	6	1 24 2.14	+ 3.0017	+ 0.0073	...	...	...
302	...	Piscium ...	$\mathcal{R}$ Var.	74.64	10	1 24 11.36	+ 3.0910	+ 0.0073	...	...	...
303	...	C.P.D. — 33°. 150	... 9.5	81.84	5	1 24 14.04	+ 2.7519	- 0.0083	...	...	...
304	452	Brisbane 210 ...	... 6.1	83.88	5	1 24 29.32	+ 2.8283	- 0.0055	...	...	- 0.03
305	...	Anonymous ...	... 10.3	71.64	4	1 24 33.71	+ 3.0711	+ 0.0063	...	...	...
306	453	99 Piscium ...	$\eta$ 3.7	71.84	131	1 24 47.76	+ 3.1990	+ 0.0141	+ 0.0002	0.00	...
307	...	C.P.D. — 33°. 126	... 7.8	83.55	5	1 25 9.12	+ 2.6870	- 0.0100	...	...	0.00
308	461	Phœnicis ...	$\delta$ 3.9	77.32	5	1 26 2.60	+ 2.4937	- 0.0139	+ 0.0115	...	+ 0.05
309	...	Lalande 2806 ...	... 8.0	84.98	5	1 26 7.61	+ 3.1811	+ 0.0129	...	...	...
310	462	Brisbane 217 ...	... 7.0	70.56	4	1 26 8.71	+ 2.4758	- 0.0141	...	...	+ 0.19
311	...	C.Z. l. 684 ...	... 8.0	69.13	5	1 26 9.13	+ 2.2117	- 0.0148	...	...	...
312	...	C.P.D. — 42°. 143	... 8.0	82.94	5	1 26 53.83	+ 2.6243	- 0.0113	...	...	- 0.12
313	466	Brisbane 220 ...	... 5.3	78.92	5	1 27 20.66	+ 2.6905	- 0.0095	...	...	+ 0.15
314	467	Brisbane 221 ...	... 6.4	79.71	5	1 27 29.10	+ 2.4708	- 0.0136	...	...	+ 0.17
315	475	49 Ceti ...	... 5.5	79.51	5	1 28 31.51	+ 2.9248	- 0.0008	+ 0.0040	...	+ 0.11

No.	Mean Polar Distance 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Proper Motion	Madras —		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
281	132 8 36·8	— 18·870	+ 0·139	...	...	+ 0·5	392	458	551	...	1345
282	123 30 29·9	·868	·145	...	...	...	...	...	...	...	...
283	151 16 55·7	·866	·119	...	...	+ 1·6	...	...	553	...	1348
284	105 14 57·8	·861	·154	— 0·007	...	— 0·7	...	460	555	190	1349
285	71 28 45·4	·859	·168	— 0·029	+ 0·9	...	...	457	...	185	...
286	94 34 40·9	·859	·159	...	...	+ 2·7	...	...	...	...	1351
287	122 58 50·3	·853	·146	...	...	...	...	...	...	...	...
288	71 24 30·5	·847	·169	+ 0·038	+ 1·7	...	...	463	...	189	...
289	91 2 58·7	·844	·160	...	...	+ 1·6	...	465	557	...	1361
290	45 14 21·2	·840	·184	+ 0·104	— 0·8	...	...	464	...	186	...
291	79 16 55·4	·833	·166	...	...	...	...	...	...	...	...
292	123 12 4·8	·823	·147	...	...	...	...	...	...	...	532
293	123 11 32·4	·809	·148	...	...	+ 2·3	...	...	...	...	1377
294	20 22 46·2	·786	·229	+ 0·071	— 0·4	...	...	469	...	188	...
295	43 38 18·3	·766	·191	+ 0·042	...	...	...	474	...	196	...
296	123 39 51·7	·763	·151	...	...	...	...	...	...	...	585
297	133 57 33·9	·755	·143	+ 0·209	...	+ 1·4	419	482	580	...	1411
298	122 41 10·4	·749	·151	...	...	— 0·7	...	...	...	...	1416
299	131 17 42·7	·740	·146	...	...	...	...	...	...	...	603
300	84 30 3·9	·734	·169	+ 0·031	— 1·0	...	...	483	585	199	...
301	87 40 32·3	·721	·169	...	...	...	...	...	...	...	...
302	87 45 56·4	·716	·169	...	...	...	...	...	...	...	...
303	123 41 50·8	·715	·152	...	...	...	...	...	...	...	621
304	116 51 16·1	·707	·157	...	...	+ 1·2	427	487	592	...	1435
305	90 3 2·4	·704	·170	...	...	...	...	...	...	...	...
306	75 17 58·0	·697	·177	+ 0·003	+ 0·3	...	...	488	594	203	...
307	128 26 9·8	·686	·150	...	...	0·0	431	...	596	...	1446
308	139 43 23·2	·658	·141	— 0·153	...	+ 1·7	440	495	600	...	1462
309	77 29 45·2	·655	·178	...	...	...	...	...	...	...	...
310	140 32 41·5	·654	·140	...	...	— 1·0	445	496	603	...	1465
311	150 18 15·5	·654	·126	...	...	...	...	...	602	...	684
312	132 9 1·4	·631	·150	...	...	+ 3·2	...	...	...	...	1484
313	127 30 27·5	·615	·154	...	...	+ 0·6	447	502	615	...	1493
314	140 22 4·7	·611	·142	...	...	— 0·5	450	504	617	...	1499
315	106 19 3·8	— 18·577	+ 0·169	— 0·007	...	+ 1·0	...	511	620	210	1515



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875'0			Annual Precession 1875'0	Secular Variation 1875'0	Annual Proper Motion	Mulas—	
						h	m	s				Grn. 1880	C.G.A.
316	479	Brisbane 224 ...	6.4	81.93	5	1 29	8.48	+ 2.7188	- 0.0074	...	...	- 0.10	
317	477	Lalande 2913 ...	5.9	64.91	5	1 29	9.04	+ 3.2253	+ 0.0154	...	- 0.10	...	
318	...	Anonymous ...	9.0	65.01	5	1 29	25.07	+ 2.1678	- 0.0155	...	...	...	
319	480	50 Andromedæ ...	v	4.2	79.51	5	1 29	27.81	+ 3.5110	+ 0.0369	- 0.0165	- 0.16	...
320	481	Brisbane 226 ...	6.3	83.91	5	1 29	30.37	+ 2.2689	- 0.0140	...	...	+ 0.10	
321	...	C.P.D. - 40°. 140 ...	8.0	81.86	5	1 30	9.65	+ 2.6348	- 0.0102	...	...	- 0.18	
322	487	51 Andromedæ ...	3.7	79.32	5	1 30	19.51	+ 3.6423	+ 0.0183	+ 0.0018	- 0.15	...	
323	488	102 Piscium ..	π	5.6	69.86	5	1 30	28.45	+ 3.1770	+ 0.0125	- 0.0061	+ 0.03	...
324	...	Brisbane 229 ...	6.1	65.87	5	1 30	33.80	+ 2.2232	- 0.0135	+ 0.0025	...	+ 0.06	
325	...	Anonymous ...	7.8	82.96	5	1 31	5.97	+ 2.1650	- 0.0134	...	...	...	
326	...	C.P.D. - 40°. 143 ...	8.5	70.11	5	1 31	18.06	+ 2.6247	- 0.0101	...	...	+ 0.25	
327	...	C.P.D. - 40°. 146 ...	8.2	67.54	6	1 31	51.81	+ 2.6217	- 0.0101	...	...	+ 0.22	
328	497	Brisbane 235 ...	6.0	67.07	5	1 32	10.05	+ 2.2045	- 0.0120	...	...	+ 0.19	
329	503	Brisbane 237 ...	5.0	79.15	5	1 32	54.32	+ 2.6726	- 0.0086	...	...	+ 0.10	
330	507	Eridani (Achernar) α	0.5	71.26	30	1 33	3.53	+ 2.2313	- 0.0128	+ 0.0092	...	+ 0.20	
331	...	C.P.D. - 48°. 189 ...	7.0	83.00	5	1 33	7.68	+ 2.4734	- 0.0120	...	...	...	
332	502	53 Andromedæ ...	τ	4.9	78.97	5	1 33	12.18	+ 3.5151	+ 0.0360	+ 0.0010	- 0.24	...
333	513	Brisbane 240 ...	7.0	81.87	5	1 33	57.40	+ 2.3367	- 0.0127	...	...	- 0.20	
334	520	Brisbane 244 ...	7.2	79.71	5	1 34	43.29	+ 1.8524	- 0.0057	...	...	+ 0.15	
335	518	106 Piscium ...	v	4.7	72.63	150	1 34	55.62	+ 3.1179	+ 0.0091	- 0.0028	0.00	...
336	...	C.P.D. - 37°. 154 ...	7.2	81.90	5	1 35	3.03	+ 2.6046	- 0.0083	...	...	+ 0.02	
337	521	Eridani (1st) ...	p	6.2	79.69	4	1 35	3.21	+ 2.2480	- 0.0123	...	...	+ 0.06
338	...	Eridani (2nd) ...	p	6.2	79.89	1	1 35	3.74	+ 2.2479	- 0.0123	...	...	- 0.10
339	522	54 Andromedæ ...	φ	4.2	79.53	5	1 35	49.88	+ 3.7205	+ 0.0528	+ 0.0015	...	...
340	526	C.P.D. - 38°. 144 ...	6.4	79.71	5	1 35	58.03	+ 2.6356	- 0.0089	...	...	+ 0.02	
341	...	C.Z. I. 946 ...	8.8	83.71	4	1 36	2.85	+ 2.1567	- 0.0114	...	...	- 0.27	
342	...	C.Z. I. 947 ...	8.0	65.69	5	1 36	5.85	+ 2.0643	- 0.0104	...	...	+ 0.10	
343	529	Brisbane 248 ...	6.7	80.83	5	1 36	41.80	+ 2.4040	- 0.0117	...	...	- 0.04	
344	...	C.P.D. - 36°. 158 ...	9.0	81.93	5	1 37	25.59	+ 2.6693	- 0.0077	...	...	...	
345	531	Brisbane 250 ...	5.5	73.59	10	1 37	31.13	+ 2.0592	- 0.0099	...	...	- 0.02	
346	532	Eridani ...	q	5.5	80.48	5	1 37	40.29	+ 2.3011	- 0.0118	0.000	...	+ 0.14
347	536	52 Ceti ...	τ	3.6	77.14	5	1 38	15.49	+ 2.9065	- 0.0004	- 0.1214	- 0.20	- 0.09
348	537	110 Piscium ...	o	4.4	80.43	64	1 38	47.66	+ 3.1560	+ 0.0111	+ 0.0035	+ 0.02	...
349	...	C.Z. I. 1007 ...	8.5	67.33	4	1 38	55.83	+ 2.0206	- 0.0089	...	...	...	
350	539	Piazzi I. 167 ...	5.5	83.91	5	1 39	42.74	+ 3.0094	+ 0.0039	...	- 0.10	- 0.07	

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
316	122 31 55'0	- 18'556	+ 0'160	...	...	+ 1'9	457	518	625	...	1527
317	73 12 26'3	'536	'185	...	+ 1'3	...	...	514	...	...	...
318	150 30 10'9	'517	'129	...	...	...	...	...	...	...	...
319	49 13 13'4	'545	'203	+ 0'374	- 0'7	...	...	516	...	209	...
320	147 38 30'8	'544	'134	...	...	- 1'6	464	524	627	...	1536
321	130 28 43'5	'523	'155	...	...	+ 3'9	...	...	...	...	1543
322	42 0 20'4	'517	'212	+ 0'117	- 1'5	...	...	522	...	212	...
323	78 29 53'1	'511	'185	- 0'054	- 2'0	...	...	526	...	214	...
324	148 46 43'5	'509	'133	+ 0'05	...	+ 2'6	468	525	635	...	1551
325	150 17 48'0	'491	'130	...	...	...	...	...	...	...	...
326	130 47 11'9	'483	'156	...	...	0'0	...	...	...	...	1565
327	130 48 53'8	'464	'157	...	...	- 0'1	...	...	...	...	1577
328	148 54 34'0	'455	'133	...	...	+ 2'6	479	539	644	...	1580
329	127 9 30'5	'420	'162	...	...	+ 3'1	476	543	647	...	1590
330	147 52 22'9	'424	'137	+ 0'040	...	+ 2'3	484	547	650	...	1594
331	133 34 18'0	'422	'151	...	...	...	...	...	...	...	...
332	50 3 24'5	'419	'211	+ 0'015	- 0'3	...	...	541	...	221	...
333	144 4 23'4	'393	'142	...	...	+ 2'2	489	552	657	...	1606
334	156 14 28'6	'366	'117	...	...	+ 0'9	490	...	663	...	1625
335	85 8 44'4	'359	'191	- 0'007	- 0'2	...	...	557	665	228	...
336	127 6 46'1	'354	'165	...	...	+ 3'1	490	...	670	...	1632
337	146 49 50'4	'354	'149	...	...	+ 1'7	405	562	657	...	1633
338	146 49 42'4	'354	'140	...	...	- 1'8	...	...	668	...	1634
339	39 56 31'5	'327	'228	+ 0'021	...	...	...	560	...	227	...
340	128 46 2'3	'322	'165	...	...	0'0	496	564	672	...	1648
341	149 16 52'0	'319	'136	...	...	+ 0'5	...	...	...	...	1650
342	151 37 59'7	'317	'139	...	...	+ 1'5	503	...	678	...	1651
343	140 40 12'6	'296	'152	...	...	+ 1'1	502	568	677	...	1665
344	125 9 21'3	'269	'169	...	...	...	...	...	...	...	...
345	151 25 10'1	'266	'132	...	...	+ 0'9	507	...	681	...	1677
346	141 22 2'5	'260	'147	+ 0'10	...	- 1'9	506	573	683	...	1681
347	103 35 48'2	'240	'184	- 0'854	+ 0'1	+ 1'4	...	575	685	233	1688
348	81 28 20'2	'220	'200	- 0'055	- 0'3	...	...	576	683	232	...
349	151 59 33'1	'215	'131	...	...	...	...	...	...	...	1697
350	93 21 32'1	- 18'186	+ 0'193	...	- 2'6	- 2'3	...	578	695	...	1709

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0			Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Mudras —	
						h	m	s				Grn. 1880	C.G.A.
351	541	Sculptoris ...	ε	5.2	78.93	5	1 39 47.43	+ 2.8011	- 0.0038	+ 0.0079	- 0.06	- 0.02	
352	...	C.Z. 1.1040 ...	...	8.8	67.07	5	1 40 16.87	+ 2.1143	- 0.0100	...	...	+ 0.10	
353	543	Brisbane 252 ...	...	6.9	65.89	5	1 40 20.58	+ 2.0210	- 0.0085	...	...	+ 0.22	
354	...	C.P.D. - 38°. 151 ...	...	9.5	69.47	5	1 40 51.37	+ 2.6182	- 0.0081	...	...	...	
355	548	Brisbane 253 ...	...	5.4	70.32	5	1 41 11.90	+ 2.3554	- 0.0108	...	...	+ 0.13	
356	550	Eridani ...	q <sup>2</sup>	5.1	79.90	5	1 41 20.34	+ 2.2805	- 0.0108	+ 0.0091	...	+ 0.18	
357	...	C.P.D. - 43°. 201 ...	...	8.0	83.01	5	1 41 25.99	+ 2.5203	- 0.0095	...	...	+ 0.16	
358	...	Lalande 3298 ...	...	5.9	63.33	5	1 41 57.57	+ 3.1030	+ 0.0083	...	...	...	
359	...	C.P.D. - 40°. 156 ...	...	9.0	66.47	5	1 42 25.20	+ 2.5841	- 0.0084	...	...	...	
360	559	53 Ceti ...	χ	4.8	79.50	5	1 43 26.74	+ 2.9556	+ 0.0021	- 0.0130	...	- 0.01	
361	...	C.P.D. - 44°. 225 ...	...	7.9	82.93	5	1 44 0.33	+ 2.4883	- 0.0083	...	...	+ 0.01	
362	565	55 Ceti ( <i>Baten Kaitos</i> )	ζ	3.8	80.13	10	1 45 17.52	+ 2.9575	+ 0.0023	+ 0.0010	+ 0.06	+ 0.23	
363	564	45 Cassiopeiae ...	ε	3.6	79.91	9	1 45 25.23	+ 4.2398	+ 0.0093	+ 0.0038	- 0.01	...	
364	...	C.P.D. - 31°. 208 ...	...	7.0	81.56	5	1 45 34.65	+ 2.7077	- 0.0054	...	...	- 0.05	
365	569	2 Trianguli ...	α	3.6	78.98	5	1 45 57.56	+ 3.4024	+ 0.0250	- 0.0601	+ 0.02	...	
366	571	Brisbane 266 ...	...	5.9	83.89	5	1 46 3.38	+ 2.3398	- 0.0098	...	...	0.00	
367	570	Brisbane 265 ...	...	6.7	81.95	5	1 46 6.62	+ 2.5630	- 0.0079	...	...	+ 0.23	
368	...	C.Z. 1.1203 ...	...	9.2	66.70	5	1 46 32.57	+ 2.0783	- 0.0082	...	...	- 0.18	
369	572	5 Arietis (S) ...	γ <sup>1</sup>	5.0	79.55	5	1 46 40.34	+ 3.2751	+ 0.0172	+ 0.0043	- 0.06	...	
370	573	5 Arietis (N) ...	γ <sup>2</sup>	5.1	79.71	5	1 46 40.35	+ 3.2751	+ 0.0172	+ 0.0043	- 0.08	...	
371	...	C.P.D. - 40°. 164 ...	...	8.0	81.91	5	1 46 53.05	+ 2.5625	- 0.0078	...	...	...	
372	...	C.P.D. - 39°. 155 ...	...	7.8	68.25	5	1 47 4.01	+ 2.5782	- 0.0076	...	...	+ 0.08	
373	574	111 Piscium ...	ξ	4.7	64.98	8	1 47 5.11	+ 3.0093	+ 0.0083	0.0000	...	...	
374	577	6 Arietis ...	β	2.8	71.85	161	1 47 44.20	+ 3.2050	+ 0.0183	+ 0.0054	- 0.02	...	
375	...	B.D. + 8°. 292 ...	...	7.0	69.16	8	1 47 46.35	+ 3.1591	+ 0.0111	...	...	...	
376	578	Brisbane 270 ...	...	6.3	83.01	5	1 48 0.35	+ 2.5770	- 0.0073	...	...	+ 0.13	
377	582	Phoenicis ...	ψ	4.1	79.18	5	1 48 38.25	+ 2.4197	- 0.0089	- 0.014	...	+ 0.16	
378	...	C.Z. 1.1267 ...	...	8.7	64.67	5	1 48 55.09	+ 2.0113	- 0.0067	...	...	- 0.08	
379	585	Phoenicis ...	φ	5.0	79.72	5	1 49 10.85	+ 2.4983	- 0.0083	...	...	+ 0.15	
380	589	Hydri ...	η <sup>1</sup>	Var.	80.44	10	1 49 25.30	+ 1.5078	+ 0.0091	...	...	+ 0.10	
381	...	C.P.D. - 36°. 176 ...	...	8.5	69.49	5	1 49 43.51	+ 2.6236	- 0.0063	...	...	0.00	
382	...	B.D. + 3°. 266 ...	...	9.3	70.35	5	1 49 58.60	+ 3.1076	+ 0.0087	...	...	...	
383	...	C.P.D. - 36°. 178 ...	...	7.5	61.99	5	1 50 30.97	+ 2.6074	- 0.0064	...	...	+ 0.12	
384	592	8 Arietis ...	ι	5.2	76.42	6	1 50 31.34	+ 3.2642	+ 0.0163	+ 0.0011	- 0.08	...	
385	596	Eridani ...	χ	3.6	76.96	4	1 51 5.44	+ 2.2681	- 0.0087	+ 0.0069	...	- 0.13	

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradler	C.G.A.
					Grn. 1880	C.G.A.					
351	115 40 40.4	- 18.183	+ 0.180	+ 0.055	- 1.2	+ 1.0	511	579	696	...	1718
352	149 24 1.4	.165	.138	...	...	+ 3.5	...	...	...	...	1721
353	151 38 47.4	.163	.133	...	...	+ 1.6	516	...	698	...	1722
354	128 33 43.2	.142	.171	...	...	...	...	...	...	...	1050
355	111 26 29.9	.131	.155	...	...	- 0.9	520	587	702	...	1733
356	144 9 0.2	.126	.150	- 0.047	...	+ 0.2	523	589	703	...	1737
357	133 56 42.7	.122	.165	...	...	+ 0.3	518	...	704	...	1740
358	86 56 22.4	.102	.202	...	...	...	...	590	...	...	...
359	130 11 51.5	.085	.170	...	...	...	...	..	...	...	1090
360	101 18 19.1	.046	.196	+ 0.085	...	- 0.7	...	599	719	242	1779
361	134 51 50.6	- 18.021	.167	...	...	+ 2.1	...	...	...	...	1787
362	100 57 13.2	- 17.975	.109	+ 0.025	+ 0.3	+ 1.2	...	608	734	247	1805
363	26 56 49.4	.970	.283	+ 0.025	+ 0.7	...	...	602	...	239	...
364	121 31 29.8	.964	.184	...	...	+ 1.0	541	...	736	...	1812
365	61 1 53.4	.949	.229	+ 0.226	+ 1.3	...	...	610	...	245	...
366	140 49 31.9	.945	.160	...	...	- 0.5	547	616	738	...	1816
367	130 27 15.2	.943	.175	...	...	+ 0.1	543	613	739	...	1818
368	148 54 40.2	.926	.144	...	...	+ 3.1	...	...	...	...	1829
369	71 19 12.3	.921	.222	+ 0.095	- 0.4	...	...	614	...	248	...
370	71 19 3.1	.921	.222	+ 0.102	- 0.7	...	...	615	...	249	...
371	130 17 29.2	.913	.176	...	...	...	...	...	...	...	1813
372	129 21 50.8	.905	.177	...	...	+ 1.4	550	...	747	...	1840
373	87 25 49.6	.905	.210	- 0.025	...	...	...	619	...	251	...
374	69 48 15.2	.879	.226	+ 0.103	+ 0.7	...	...	624	749	252	...
375	81 50 5.6	.878	.216	...	...	...	...	...	...	...	...
376	129 12 44.9	.869	.179	...	...	+ 1.3	555	626	750	...	1854
377	136 54 56.2	.844	.169	+ 0.14	...	- 0.4	559	629	754	...	1864
378	150 1 57.5	.832	.142	...	...	+ 4.5	...	...	...	...	1868
379	133 6 39.7	.821	.175	...	...	+ 0.3	565	632	756	...	1871
380	158 33 39.1	.812	.109	...	...	+ 2.3	577	...	758	...	1878
381	126 4 17.3	.800	.184	...	...	+ 3.1	...	...	...	...	1880
382	86 43 3.8	.790	.217	...	...	...	...	...	...	...	...
383	126 51 29.4	.767	.184	...	...	+ 0.5	569	...	762	...	1891
384	72 47 37.1	.767	.228	+ 0.019	- 0.6	...	...	635	...	262	...
385	142 13 55.1	- 17.744	+ 0.162	- 0.256	...	+ 2.4	575	642	765	...	1905

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
386	...	C.Z. 1.1329 ...	7.0	65.04	6	1 51 18.52	+ 2.1579	- 0.0081	...	...	- 0.02	
387	...	W.B.E. 1.892 ...	9.0	70.50	5	1 51 30.82	+ 3.1056	+ 0.0087	...	...	...	
388	595	48 Cassiopeia ...	A	4.6	80.32	5	1 51 43.24	+ 4.8211	+ 0.1641	- 0.0137	+ 0.06	...
389	603	Hydri ...	$\eta^2$	4.6	80.54	5	1 51 46.02	+ 1.5009	+ 0.0095	+ 0.0117	...	- 0.12
390	...	C.P.D. - 38°.164 ...	...	8.0	82.96	3	1 51 54.15	+ 2.5803	- 0.0066	...	...	...
391	604	Brisbane 281 ...	...	4.6	79.32	5	1 52 12.85	+ 2.3740	- 0.0084	...	...	0.00
392	...	C.P.D. - 41°.178 ...	...	8.2	81.95	5	1 52 17.72	+ 2.5205	- 0.0073	...	...	+ 0.07
393	...	C.Z. 1.1373 ...	...	7.6	65.69	5	1 52 24.85	+ 2.0207	- 0.0061	...	...	+ 0.13
394	...	C.Z. 1.1381 ...	...	9.5	70.74	5	1 52 41.50	+ 2.1450	- 0.0077	...	...	...
395	600	50 Cassiopeia ...	...	4.1	80.49	5	1 52 48.11	+ 4.9955	+ 0.1866	- 0.0110	+ 0.24	...
396	613	Brisbane 284 ...	...	7.3	81.90	5	1 53 14.70	+ 2.5057	- 0.0073	...	...	+ 0.06
397	...	Anonymous ...	...	9.3	70.71	5	1 53 19.11	+ 1.9121	- 0.0040	...	...	...
398	...	C.P.D. - 37°.181 ...	...	8.5	83.10	5	1 53 32.82	+ 2.5823	- 0.0062	...	...	+ 0.22
399	...	W.B.E. 1.940 ...	...	7.8	70.34	5	1 53 51.85	+ 3.1143	+ 0.0092	...	...	...
400	618	59 Ceti ...	$\nu$	3.8	79.50	5	1 54 0.08	+ 2.8183	- 0.0013	+ 0.0076	+ 0.08	+ 0.07
401	...	C.P.D. - 45°.204 ...	...	8.0	82.93	5	1 54 16.10	+ 2.4250	- 0.0077	...	...	...
402	623	Hydri ...	$\alpha$	3.0	77.32	5	1 54 49.75	+ 1.8552	- 0.0027	+ 0.0343	...	- 0.07
403	...	C.P.D. - 40°.170 ...	...	8.5	65.84	5	1 55 20.20	+ 2.5143	- 0.0069	...	...	...
404	...	Paris 2536 ...	...	8.7	81.99	5	1 55 22.30	+ 3.0978	+ 0.0084	...	...	...
405	625	113 Pibchum (2nd) ...	$\alpha$	4.4	79.13	5	1 55 34.59	+ 3.0966	+ 0.0084	+ 0.0016	- 0.15	...
406	628	57 Andromedæ (1st)	$\gamma$	2.2	77.34	4	1 56 14.03	+ 3.6513	+ 0.0393	+ 0.0027	+ 0.08	...
407		57 Andromedæ (2nd)	$\gamma$	5.0	77.01	4	1 56 14.88	+ 3.6514	+ 0.0393	+ 0.0027	+ 0.06	...
408	635	Brisbane 292 ...	...	6.3	79.95	5	1 56 24.59	+ 1.5643	+ 0.0070	...	...	+ 0.19
409	...	C.P.D. - 39°.167 ...	...	8.5	70.48	5	1 56 34.69	+ 2.5274	- 0.0065	...	...	+ 0.17
410	...	C.P.D. - 39°.168 ...	...	9.4	70.67	5	1 56 34.96	+ 2.5374	- 0.0064	...	...	...
411	...	B.D. + 2°.324 ...	...	9.0	69.54	5	1 56 39.30	+ 3.1013	+ 0.0086	...	...	...
412	634	Phœnicis ...	$\chi$	4.9	80.42	4	1 56 41.66	+ 2.4133	- 0.0073	...	...	...
413	...	Piazzi 1.243 ...	...	7.0	66.05	6	1 56 51.42	+ 3.2789	+ 0.0167	...	...	+ 0.09
414	...	O.A.S. 1255 ...	...	6.4	81.86	5	1 56 52.23	+ 2.6913	- 0.0038	...	...	+ 0.02
415	636	Grn. (1880) 322 ...	...	5.7	83.88	4	1 56 57.42	+ 2.8861	+ 0.0010	...	- 0.06	- 0.15
416	...	C.P.D. - 41°.186 ...	...	8.0	82.95	4	1 57 18.92	+ 2.5004	- 0.0066	...	...	+ 0.23
417	...	Arietis ...	$\delta$ Var.	80.98	4	1 57 54.92	+ 3.2112	+ 0.0134	...	...	...	
418	...	Anonymous ...	...	9.2	70.92	5	1 58 2.22	+ 3.1005	+ 0.0086	...	...	...
419	...	C.P.D. - 41°.190 ...	...	8.5	81.96	5	1 58 30.68	+ 2.4962	- 0.0065	...	...	...
420	643	Fornacis ...	$\nu$	4.8	79.00	5	1 58 53.23	+ 2.6911	- 0.0036	- 0.0015	- 0.02	+ 0.01

No.	Mean Polar Distance 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Capo 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
386	145 41 6.5	- 17.735	+ 0.155	...	...	+ 1.7	582	...	768	...	1910
387	86 56 25.2	.727	.219	...	...	...	...	...	...	...	...
388	19 42 1.5	.718	.337	+ 0.007	- 0.7	...	...	637	...	258	...
389	158 15 48.4	.717	.111	- 0.052	...	+ 2.5	594	640	774	...	1924
390	128 6 27.9	.712	.185	...	...	...	...	...	...	...	1352
391	137 59 46.9	.698	.171	...	...	- 0.5	585	646	777	...	1931
392	131 14 51.5	.695	.181	...	...	+ 2.7	583	...	779	...	1933
393	149 4 58.8	.689	.117	...	...	+ 1.8	593	...	780	...	1936
394	145 45 9.7	.678	.156	...	...	...	...	...	...	...	1881
395	18 11 6.3	.674	.352	- 0.012	- 0.4	...	...	641	...	260	...
396	131 46 42.3	.656	.181	...	...	+ 1.5	591	655	786	...	1952
397	151 19 40.1	.653	.140	...	...	...	...	...	...	...	...
398	127 37 25.8	.643	.187	...	...	+ 0.7	...	...	...	...	1955
399	86 13 4.4	.629	.221	...	...	...	...	657	...	...	...
400	111 41 3.0	.619	.204	+ 0.010	- 1.4	+ 0.4	...	659	790	...	1965
401	135 21 5.6	.613	.177	...	...	...	...	...	...	...	1431
402	152 10 45.4	.589	.138	- 0.010	...	+ 2.1	605	666	795	...	1981
403	130 52 28.1	.568	.184	...	...	...	...	...	...	...	1476
404	87 43 37.3	.567	.226	...	...	...	...	...	...	...	...
405	87 50 27.5	.558	.226	+ 0.009	+ 1.0	...	...	665	800	277	...
406	48 16 15.9	.530	.266	+ 0.048	- 0.1	...	...	667	...	} 276	...
407	48 16 12.1	.530	.266	+ 0.048	+ 0.5	...	...	668	...		
408	156 40 22.4	.523	.119	...	...	+ 1.2	616	...	805	...	2009
409	129 55 18.9	.516	.187	...	...	+ 3.2	...	...	...	...	2013
410	129 24 2.9	.515	.188	...	...	...	...	...	...	...	...
411	87 26 19.7	.512	.228	...	...	...	...	...	...	...	...
412	135 18 58.5	.511	.180	...	...	+ 1.1	610	677	806	...	2016
413	72 20 54.3	.503	.269	...	...	- 1.0	...	673	...	...	...
414	120 16 9.4	.503	.200	...	...	- 0.5	...	...	...	...	2024
415	105 54 33.6	.499	.214	...	...	- 0.4	+ 1.8	...	812	...	2026
416	131 7 23.6	.484	.183	...	...	+ 1.0	612	...	815	...	2033
417	78 4 23.4	.457	.239	...	...	...	...	...	...	...	...
418	87 32 22.0	.452	.230	...	...	...	...	...	...	...	...
419	131 4 18.9	.432	.187	...	...	...	...	...	...	...	1569
420	119 53 50.5	- 17.115	+ 0.202	+ 0.003	+ 0.2	+ 0.3	618	681	822	...	2065

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0			Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—			
						h	m	s				Grn. 1880	C.G.A.		
421	...	C.P.D. — 44°. 240	...	7.0	82.99	5	1	59	21.13	+ 2.4274	- 0.0067	...	...	+ 0.06	
422	...	C.Z. 1.1601	...	8.7	64.67	5	1	59	44.64	+ 1.9172	- 0.0031	...	...	+ 0.29	
423	...	B.D. + 1°. 369	...	9.0	81.91	5	1	59	49.71	+ 3.0485	+ 0.0066	...	...	...	
424	648	13 Arietis	...	$\alpha$	2.0	72.45	139	2	0	7.74	+ 3.3545	+ 0.0203	+ 0.0124	- 0.03	...
425	...	C.Z. 11.5	...	...	6.7	67.86	6	2	0	11.84	+ 2.0989	- 0.0059	...	...	- 0.13
426	...	C.P.D. — 52°. 263	...	7.2	83.92	5	2	1	1.48	+ 2.1915	- 0.0065	...	...	- 0.08	
427	...	C.P.D. — 37°. 190	...	7.2	81.98	5	2	1	18.82	+ 2.5501	- 0.0054	...	...	- 0.06	
428	...	Anonymous	...	9.3	70.53	5	2	1	24.33	+ 1.9592	- 0.0036	...	...	...	
429	...	C.Z. 11.46	...	...	8.2	66.86	5	2	1	24.50	+ 1.9134	- 0.0028	...	...	+ 0.20
430	...	B.D. + 2°. 334	...	...	9.0	69.72	5	2	1	25.61	+ 3.1045	+ 0.0089	...	...	...
431	656	4 Trianguli	...	$\beta$	3.1	77.92	5	2	2	6.62	+ 3.5371	+ 0.0304	+ 0.0109	- 0.08	...
432	659	Brisbane 301	...	...	7.4	65.27	5	2	2	8.80	+ 2.0771	- 0.0053	...	...	+ 0.11
433	...	C.P.D. — 39°. 171	...	...	9.1	67.64	5	2	2	22.61	+ 2.5016	- 0.0058	...	...	...
434	...	C.P.D. — 36°. 198	...	...	7.5	83.92	4	2	3	27.98	+ 2.5662	- 0.0049	...	...	- 0.21
435	...	C.P.D. — 45°. 216	...	...	8.5	82.94	5	2	3	44.14	+ 2.3829	- 0.0062	...	...	+ 0.09
436	...	Lalande 4053	...	...	7.4	69.32	5	2	5	14.17	+ 3.1070	+ 0.0090	...	...	...
437	...	C.P.D. — 36°. 201	...	...	7.5	81.89	5	2	5	15.02	+ 2.5655	- 0.0046	...	...	- 0.12
438	...	Yarnall 1023	...	...	7.5	83.91	5	2	5	26.70	+ 2.5096	- 0.0051	...	...	- 0.15
439	682	17 Arietis	...	$\gamma$	5.4	69.88	5	2	5	48.21	+ 3.3348	+ 0.0188	- 0.0092	- 0.11	...
440	684	65 Ceti	...	$\xi^1$	4.4	68.70	12	2	6	22.53	+ 3.1739	+ 0.0116	- 0.0032	- 0.02	...
441	...	C.Z. 11.173	...	...	9.0	70.25	3	2	6	25.67	+ 1.7897	+ 0.0006	...	...	...
442	...	C.P.D. — 42°. 201	...	...	9.5	81.97	5	2	6	32.84	+ 2.4305	- 0.0055	...	...	...
443	...	B.D. + 2°. 350	...	...	9.5	72.85	5	2	7	9.63	+ 3.1072	+ 0.0090	...	...	...
444	...	C.Z. 11.204	...	...	7.5	65.22	5	2	7	16.36	+ 1.8640	- 0.0011	...	...	+ 0.06
445	...	Anonymous	...	...	9.6	65.46	5	2	7	19.94	+ 1.9167	- 0.0021	...	...	...
446	688	Fornacis	...	$\mu$	5.2	77.91	5	2	7	24.26	+ 2.6430	- 0.0032	- 0.0008	+ 0.01	+ 0.12
447	...	B.D. + 2°. 351	...	...	9.0	70.75	6	2	7	24.56	+ 3.1084	+ 0.0090	...	...	...
448	...	C.P.D. — 41°. 198	...	...	8.5	82.99	5	2	7	45.92	+ 2.4387	- 0.0053	...	...	+ 0.05
449	693	21 Arietis	...	...	5.6	65.73	6	2	8	37.37	+ 3.3959	+ 0.0215	- 0.0076	...	...
450	...	W.B.E. 11.104	...	...	9.0	81.98	5	2	8	38.12	+ 3.1129	+ 0.0093	...	...	...
451	...	Arietis	...	$\kappa$	Var.	73.64	10	2	9	0.49	+ 3.3968	+ 0.0216	...	...	...
452	...	C.P.D. — 34°. 218	...	...	9.3	83.36	5	2	9	3.09	+ 2.5744	- 0.0040	...	...	+ 0.22
453	697	8 Trianguli	...	$\delta$	5.0	77.97	5	2	9	25.53	+ 3.5455	+ 0.0296	+ 0.0898	- 0.28	...
454	699	Brisbane 318	...	...	5.8	82.08	6	2	9	28.41	+ 2.4334	- 0.0051	- 0.0068	...	- 0.02
455	...	Brisbane 319	...	...	8.0	65.33	5	2	9	33.05	+ 1.9294	- 0.0021	...	...	+ 0.19

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
421	134 6 26.8	- 17.396	+ 0.183	...	...	- 0.1	622	...	821	...	2075
422	149 59 21.4	.379	.146	...	...	+ 3.0	...	...	...	...	2082
423	87 58 3.8	.375	.229	...	...	...	...	...	...	...	...
424	67 7 48.5	.362	.252	+ 0.140	+ 1.1	...	...	685	830	287	...
425	145 23 40.1	.359	.160	...	...	+ 0.7	630	...	829	...	2094
426	142 35 23.1	.323	.168	...	...	0.0	636	...	834	...	2109
427	127 42 55.4	.310	.195	...	...	+ 1.9	632	...	837	...	2116
428	148 44 28.7	.306	.151	...	...	...	...	...	838	...	...
429	140 45 53.6	.306	.148	...	...	+ 2.7	...	...	...	...	2118
430	87 15 22.3	.304	.235	...	...	...	...	...	...	...	...
431	55 36 19.1	.274	.269	+ 0.037	+ 0.7	...	...	694	...	290	...
432	145 40 48.2	.273	.161	...	...	+ 2.8	640	697	840	...	2128
433	129 59 18.7	.262	.192	...	...	...	...	...	...	...	68
434	126 25 3.9	.214	.199	...	...	+ 1.0	645	...	850	...	2154
435	135 5 8.1	.202	.185	...	...	+ 2.2	...	...	...	...	2163
436	87 8 13.8	.134	.241	...	...	...	...	...	...	...	...
437	126 6 1.4	.133	.201	...	...	- 0.1	658	...	...	...	2199
438	128 57 22.3	.124	.198	...	...	+ 0.1	660	...	870	...	2203
439	69 22 39.2	.108	.260	- 0.016	- 0.4	...	...	718	...	303	...
440	81 44 25.9	.081	.249	+ 0.001	- 0.7	...	...	724	872	306	...
441	151 20 58.5	.080	.144	...	...	...	...	...	...	...	173
442	132 27 29.4	.073	.193	...	...	...	...	...	...	...	178
443	87 9 23.3	.046	.246	...	...	...	...	...	...	...	...
444	149 44 23.5	.040	.150	...	...	+ 2.8	677	...	879	...	2235
445	148 36 22.6	.038	.154	...	...	...	...	...	...	...	...
446	121 18 40.5	.035	.210	+ 0.003	+ 1.7	+ 1.8	666	735	880	...	2237
447	87 3 46.4	.035	.246	...	...	...	...	...	...	...	...
448	131 51 9.8	- 17.018	.195	...	...	+ 2.3	...	...	...	...	2246
449	65 32 14.4	- 16.978	.269	+ 0.085	...	...	...	742	...	315	...
450	86 43 49.5	.978	.249	...	...	...	...	...	...	...	...
451	65 31 33.5	.961	.270	...	...	...	...	...	...	...	...
452	124 53 59.6	.959	.207	...	...	+ 1.7	...	...	...	...	2266
453	56 20 57.8	.941	.284	+ 0.224	+ 1.0	...	...	746	...	317	...
454	131 45 1.4	.938	.197	+ 0.037	...	+ 2.2	682	750	891	...	2274
455	147 55 47.4	- 10.934	+ 0.157	...	...	+ 2.9	685	754	892	...	2276



## GENERAL CATALOGUE OF STARS FOR 1875.0

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
456	698	9 Trianguli ...	$\gamma$	4.2	77.93	5	2 9 53.14	+ 3.5131	+ 0.0232	+ 0.0021	...	...
457	...	W.B.E. II. 126 ...	...	9.0	81.95	5	2 10 1.23	+ 3.1143	+ 0.0093	...	...	...
458	704	67 Ceti ...	...	5.5	73.84	162	2 10 44.94	+ 2.9836	+ 0.0049	+ 0.0014	0.00	+ 0.02
459	707	22 Arietis ...	$\theta$	5.6	69.89	5	2 11 10.44	+ 3.3262	+ 0.0179	- 0.0022	- 0.07	...
460	716	Hydri ...	$\pi^1$	5.4	78.00	5	2 11 38.17	+ 1.2351	+ 0.0211	...	...	+ 0.31
461	...	C.G.A. 2334 ...	...	7.1	83.92	5	2 11 42.06	+ 2.0012	- 0.0040	...	...	- 0.06
462	713	C.P.D. - 36°. 217	...	6.7	81.99	5	2 12 2.08	+ 2.5323	- 0.0010	...	...	+ 0.07
463	717	Eridani ...	$\phi$	3.7	77.00	5	2 12 2.44	+ 2.1369	- 0.0014	+ 0.0068	...	- 0.17
464	...	W.B.E. II. 161 ...	...	8.0	81.93	5	2 12 10.57	+ 3.1183	+ 0.0095	...	...	...
465	724	Hydri ...	$\pi^2$	5.4	78.03	5	2 12 52.88	+ 1.2291	+ 0.0213	...	...	+ 0.50
466	...	W.B.E. II. 177	...	8.0	81.93	5	2 12 59.97	+ 3.1009	+ 0.0089	...	...	...
467	720	68 Ceti ( <i>Mira</i> ) ...	$o$	Var.	65.56	13	2 13 1.94	+ 3.0268	+ 0.0061	- 0.0016	- 0.01	+ 0.01
468	...	Piazzi II. 57 ...	...	9.0	68.71	5	2 13 9.69	+ 3.0268	+ 0.0061	...	...	- 0.03
469	721	9 Persei ...	$i$	5.2	73.95	5	2 13 38.92	+ 4.1343	+ 0.0682	- 0.0024	- 0.38	...
470	...	Persei ...	$\delta$	Var.	76.23	10	2 13 53.78	+ 4.2529	+ 0.0782	...	...	...
471	...	C.P.D. - 42°. 214	...	8.5	82.99	5	2 14 9.67	+ 2.3930	- 0.0046	...	...	...
472	...	Anonymous ...	...	8.6	76.41	5	2 14 18.69	+ 4.2677	+ 0.0791	...	...	...
473	...	C.Z. II. 375 ...	...	8.5	65.04	5	2 14 18.77	+ 1.8704	- 0.0005	...	...	...
474	...	C.P.D. - 50°. 336	...	7.2	83.94	5	2 15 46.29	+ 2.1544	- 0.0040	...	...	- 0.15
475	732	70 Ceti ...	...	5.6	82.93	5	2 15 50.41	+ 3.0532	+ 0.0073	- 0.0026	...	+ 0.08
476	...	C.Z. II. 420 ...	...	8.2	66.30	5	2 15 57.61	+ 1.6354	+ 0.0055	...	...	- 0.07
477	736	Brisbane 340 ...	...	7.2	81.97	5	2 16 25.74	+ 1.9020	- 0.0008	...	...	+ 0.10
478	...	C.Z. II. 437 ...	...	7.8	66.91	5	2 16 42.31	+ 1.7030	+ 0.0036	...	...	- 0.15
479	737	Fornacis ...	$\kappa$	5.4	77.91	5	2 16 49.39	+ 2.7315	- 0.0007	+ 0.0123	+ 0.07	0.00
480	739	Brisbane 341 ...	...	6.5	77.99	5	2 17 17.80	+ 2.3499	- 0.0043	...	...	+ 0.21
481	...	Anonymous ...	...	8.3	71.45	6	2 18 2.88	+ 1.7055	+ 0.0037	...	...	...
482	745	21 Arietis ...	$\xi$	5.4	76.79	6	2 18 7.21	+ 3.2064	+ 0.0126	- 0.0007	+ 0.12	...
483	748	Brisbane 346 ...	...	5.9	78.98	5	2 18 30.68	+ 2.1115	- 0.0032	...	...	- 0.04
484	...	C.Z. II. 498 ...	...	7.5	83.92	5	2 18 34.79	+ 1.7381	+ 0.0029	...	...	- 0.04
485	744	Cassiopeiae ...	$\iota$	4.6	77.99	5	2 18 47.56	+ 4.8512	+ 0.1310	- 0.0030	0.00	...
486	753	Brisbane 349 ...	...	6.9	64.67	5	2 19 28.83	+ 1.8778	- 0.0001	...	...	- 0.01
487	751	Piazzi II. 90 ...	...	6.3	81.87	5	2 19 31.92	+ 2.3978	- 0.0039	...	...	- 0.01
488	756	Hydri ...	$\delta$	4.2	77.00	5	2 19 31.98	+ 1.0537	+ 0.0292	- 0.0120	...	+ 0.38
489	...	C.P.D. - 14°. 269	...	8.4	82.99	5	2 19 33.66	+ 2.3103	- 0.0040	...	...	+ 0.11
490	...	Ceti ...	$R$	Var.	74.05	10	2 19 35.89	+ 3.0621	+ 0.0077	...	...	+ 0.05

No.	Mean Polar Distance 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
453	56 43 55·7	- 16·919	+ 0·284	+ 0·031	...	...	...	747	...	318	...
457	86 38 40·1	·913	·251	...	...	...	...	...	...	...	...
458	96 59 57·0	·878	·212	+ 0·103	- 0·3	+ 1·4	...	702	904	321	2310
459	70 40 42·5	·859	·269	- 0·004	+ 0·9	...	...	...	...	320	...
460	158 25 35·0	·833	·105	...	...	+ 4·0	701	...	908	...	2331
461	113 28 9·0	·833	·173	...	...	- 1·7	697	...	911	...	2334
462	126 33 52·3	·817	·208	...	...	+ 2·4	683	769	914	...	2338
463	142 5 29·7	·817	·177	+ 0·038	...	+ 0·5	693	770	913	...	2339
464	86 23 50·8	·812	·255	...	...	...	...	...	...	...	...
465	158 19 34·1	·777	·105	...	...	- 0·4	706	...	916	...	2352
466	87 45 21·5	·771	·255	...	...	...	...	...	...	...	...
467	93 32 47·8	·769	·218	+ 0·230	...	+ 1·5	...	772	917	329	2354
468	93 32 32·1	·793	·249	...	...	+ 1·1	...	773	...	...	2358
469	34 43 39·7	·710	·339	+ 0·011	- 1·1	...	...	771	...	326	...
470	31 59 12·8	·728	·348	...	...	...	...	...	...	...	...
471	132 35 46·1	·715	·200	...	...	...	...	...	...	...	371
472	31 44 17·6	·708	·350	...	...	...	...	...	...	...	...
473	118 23 53·3	·707	·158	...	...	...	...	...	...	...	375
474	140 52 34·2	·637	·182	...	...	- 1·1	713	...	935	...	2410
475	91 27 20·2	·634	·256	+ 0·052	...	+ 1·7	...	787	937	335	2411
476	152 31 8·7	·627	·140	...	...	+ 0·0	...	...	...	...	2117
477	147 21 26·7	·605	·163	...	...	+ 2·1	722	795	938	...	2424
478	151 15 20·9	·591	·146	...	...	+ 4·2	...	...	941	...	2431
479	114 23 6·9	·586	·231	+ 0·060	- 1·3	- 0·6	712	794	912	...	2433
480	133 46 20·9	·562	·200	...	...	+ 1·8	721	798	946	...	2446
481	151 0 7·3	·525	·148	...	...	...	...	...	...	...	...
482	79 57 22·7	·521	·272	+ 0·013	- 1·9	...	...	801	...	338	...
483	141 39 47·9	·502	·182	...	...	- 0·1	729	810	954	...	2475
484	150 19 46·7	·499	·151	...	...	+ 3·4	737	...	955	...	2477
485	23 9 40·9	·488	·410	0·000	+ 0·2	...	...	796	...	332	...
486	117 23 58·3	·454	·163	...	...	+ 1·8	739	818	961	...	2496
487	131 24 40·8	·451	·207	...	...	+ 1·1	731	813	964	...	2499
488	159 13 45·0	·451	·095	- 0·007	...	+ 1·5	747	823	960	...	2498
489	134 53 40·4	·450	·200	...	...	+ 0·8	...	...	...	...	2500
490	90 44 38·1	- 16·445	+ 0·263	...	...	+ 1·2	...	...	...	...	2502

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
526	820	Horologii ...	$\eta$ 5.1	79.36	5	h m s 2 33 17.01	s + 1.9686	s - 0.0001	s + 0.0021	s ...	s + 0.04
527	815	83 Ceti ...	$\epsilon$ 5.0	79.19	5	2 33 31.18	+ 2.8896	+ 0.0038	+ 0.0081	+ 0.10	- 0.03
528	...	W.B.E. II. 556	...	9.0	5	2 33 46.54	+ 3.2974	+ 0.0154	...	...	...
529	...	W.B.E. II. 575	...	9.0	6	2 34 35.33	+ 3.2977	+ 0.0154	...	...	...
530	...	C.Z. II. 948	...	8.0	5	2 34 40.34	+ 1.9437	+ 0.0004	...	...	+ 0.05
531	828	Eridani ...	$\delta$ 4.7	79.56	5	2 35 1.98	+ 2.2799	- 0.0022	...	...	- 0.05
532	...	C.Z. II. 960	...	6.9	5	2 35 3.71	+ 1.9419	+ 0.0004	...	...	- 0.12
533	827	13 Persei ...	$\theta$ 4.2	79.57	5	2 35 40.13	+ 4.0282	+ 0.0508	+ 0.0332	- 0.07	...
534	832	Eridani ...	$\iota$ 3.9	79.99	5	2 35 43.78	+ 2.3573	- 0.0020	+ 0.0075	...	- 0.24
535	831	35 Arietis ...	...	4.7	5	2 36 7.28	+ 3.5045	+ 0.0233	- 0.0011	+ 0.10	...
536	...	C.Z. II. 988	...	7.2	5	2 36 18.17	+ 1.6061	+ 0.0071	...	...	- 0.05
537	...	C.Z. II. 992	...	7.2	8	2 36 23.16	+ 1.6057	+ 0.0071	...	...	+ 0.01
538	...	Lalande 5033	...	7.9	10	2 36 41.34	+ 3.3306	+ 0.0165	...	...	...
539	839	Horologii ...	$\zeta$ 5.2	80.53	5	2 36 46.31	+ 1.8617	+ 0.0017	...	...	- 0.04
540	837	86 Ceti ...	$\gamma^2$ 3.6	72.71	159	2 36 49.48	+ 3.1122	+ 0.0094	- 0.0112	+ 0.02	...
541	840	Brisbane 387 ...	...	5.7	5	2 37 7.98	+ 2.3887	- 0.0018	...	...	- 0.07
542	...	C.P.D. - 46°, 253	...	9.0	3	2 37 13.76	+ 2.1909	- 0.0014	...	...	0.00
543	838	36 Arietis ...	...	6.5	10	2 37 20.77	+ 3.3351	+ 0.0166	+ 0.0024	...	...
544	843	Brisbane 392 ...	...	6.4	5	2 37 33.25	+ 2.1603	- 0.0014	...	...	- 0.07
545	849	Hydri ...	$\epsilon$ 4.2	80.94	5	2 37 40.31	+ 0.8831	+ 0.0315	+ 0.0147	...	+ 0.05
546	844	38 Arietis ...	...	5.2	5	2 38 9.01	+ 3.2520	+ 0.0137	+ 0.0073	+ 0.01	...
547	847	89 Ceti ...	$\pi$ 4.3	77.00	5	2 38 10.42	+ 2.8538	+ 0.0033	- 0.0025	- 0.01	+ 0.03
548	845	87 Ceti ...	$\mu$ 4.4	69.59	11	2 38 11.16	+ 3.2160	+ 0.0125	+ 0.0173	- 0.04	...
549	854	Brisbane 394 ...	...	9.0	5	2 38 41.16	+ 2.6554	+ 0.0003	...	...	- 0.07
550	...	C.Z. II. 1073	...	8.0	5	2 38 52.09	+ 1.7481	+ 0.0040	...	...	0.00
551	856	1 Eridani ...	$\tau'$ 4.7	79.02	5	2 39 16.21	+ 2.7757	+ 0.0016	+ 0.0218	+ 0.08	+ 0.08
552	861	39 Arietis ...	...	4.6	5	2 40 28.17	+ 3.5443	+ 0.0253	+ 0.0103	0.00	...
553	...	C.P.D. - 38°, 220	...	7.8	5	2 40 41.41	+ 2.3813	- 0.0015	...	...	- 0.05
554	...	W.B.E. II. 676	...	8.0	5	2 40 41.43	+ 3.2986	+ 0.0150	...	...	...
555	869	Brisbane 408 ...	...	6.2	5	2 41 16.14	+ 1.0103	+ 0.0279	+ 0.017	...	+ 0.10
556	...	Arietis ...	T Var.	75.83	10	2 41 21.52	+ 3.3366	+ 0.0164	...	...	...
557	863	15 Persei ...	$\eta$ 3.9	80.77	5	2 41 35.45	+ 4.3271	+ 0.0677	+ 0.0017	...	...
558	...	C.P.D. - 41°, 265	...	7.0	5	2 41 56.68	+ 2.3046	- 0.0015	...	...	- 0.17
559	...	Piazzi II. 187	...	8.0	5	2 41 57.46	+ 2.3971	- 0.0010	...	...	+ 0.08
560	...	Anonymous ...	...	9.6	5	2 41 59.27	+ 1.5061	+ 0.0099	...	...	...

No.	Mean Polar Distance 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
526	143 5 5.3	- 15.731	+ 0.185	+ 0.040	...	0.0	821	895	1058	...	2802
527	102 24 14.3	.721	.269	+ 0.245	- 0.2	...	...	892	1064	375	2810
528	74 51 5.8	.707	.305	...	...	...	...	...	...	...	...
529	74 53 41.4	.602	.306	...	...	...	...	...	...	...	...
530	143 29 32.1	.650	.184	...	...	+ 0.4	828	...	1073	...	2832
531	133 25 43.7	.637	.215	...	...	- 1.1	827	906	1081	...	2838
532	143 28 32.3	.637	.181	...	...	+ 1.1	832	...	1080	...	2840
533	41 18 6.7	.603	.376	+ 0.089	+ 0.1	...	...	900	...	374	...
534	130 23 30.7	.602	.223	+ 0.030	...	+ 2.4	831	909	1086	...	2851
535	62 49 34.1	.579	.329	+ 0.001	- 0.6	...	...	908	...	380	...
536	150 6 19.0	.568	.154	...	...	+ 1.5	849	...	1089	...	2860
537	150 6 24.0	.564	.154	...	...	+ 2.8	...	...	1090	...	2861
538	72 59 4.1	.518	.314	...	...	...	...	...	...	...	...
539	145 5 10.4	.513	.179	...	...	+ 0.2	847	915	1093	...	2866
540	87 17 32.2	.510	.204	+ 0.143	0.0	...	...	910	1096	383	...
541	123 55 6.8	.523	.228	...	...	+ 2.1	841	916	1090	...	2872
542	136 8 15.7	.517	.209	...	...	+ 3.2	...	...	...	...	2877
543	72 46 0.4	.511	.315	+ 0.032	...	...	...	912	...	384	...
544	137 3 19.1	.495	.207	...	...	+ 2.3	848	921	1106	...	2885
545	158 48 12.7	.493	.089	+ 0.002	...	+ 1.8	871	929	1105	...	2887
546	78 4 52.0	.466	.308	+ 0.069	- 1.3	...	...	918	...	386	...
547	104 23 21.8	.465	.272	+ 0.001	- 0.9	+ 1.2	...	922	1109	388	2894
548	80 24 53.4	.464	.305	+ 0.019	- 1.4	...	...	919	1111	387	...
549	116 1 36.2	.436	.254	...	...	- 1.5	850	926	1118	...	2911
550	147 10 22.2	.428	.170	...	...	+ 3.2	868	...	1120	...	2916
551	109 6 10.8	.404	.267	- 0.054	- 0.3	+ 3.3	...	930	1124	390	2924
552	61 16 26.4	.336	.310	+ 0.110	+ 1.6	...	...	935	...	389	...
553	128 41 43.2	.323	.231	...	...	+ 5.1	...	940	1133	...	2950
554	75 17 34.9	.320	.315	...	...	...	...	...	...	...	...
555	157 14 26.8	.291	.102	+ 0.06	...	- 0.1	893	...	1138	...	2965
556	73 0 50.1	.286	.322	...	...	...	...	...	...	...	...
557	34 37 30.3	.273	.416	+ 0.020	...	...	...	936	...	...	...
558	131 29 4.6	.252	.225	...	...	+ 0.5	878	...	1144	...	2976
559	127 52 13.7	.252	.234	...	...	+ 1.8	...	948	1145	...	2978
560	150 59 54.2	- 15.251	+ 0.149	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880.	C.G.A.
561	870	42 Arietis ... .. $\pi$	5.6	73.58	10	2 42 19.12	+ 3.3373	+ 0.0163	- 0.0011	- 0.01	...
562	...	Anonymous ... ..	7.7	82.94	5	2 42 36.64	+ 1.5685	+ 0.0081	...	...	...
563	872	41 Arietis ... ..	3.8	76.99	5	2 42 37.64	+ 3.5112	+ 0.0229	+ 0.0038	- 0.12	...
564	871	16 Persei ... ..	4.4	80.97	5	2 42 41.77	+ 3.7482	+ 0.0334	+ 0.0165	...	...
565	876	Horologii ... .. $\gamma$	5.6	80.58	5	2 42 47.41	+ 1.2665	+ 0.0175	...	...	- 0.15
566	...	C.P.D. - 48°. 308 ...	8.0	83.05	5	2 43 31.14	+ 2.0855	- 0.0004	...	...	+ 0.07
567	...	C.Z. II. 1195 ... ..	8.2	64.77	5	2 43 36.34	+ 1.6733	+ 0.0057	...	...	- 0.06
568	882	Hydri ... .. $\zeta$	4.8	81.03	5	2 43 37.72	+ 0.8888	+ 0.0329	+ 0.012	...	+ 0.49
569	878	Fornacis (1st) ... .. $\nu$	7.0	80.93	5	2 43 38.67	+ 2.3900	- 0.0012	...	...	+ 0.06
570	...	W.B.E. II. 733 ... ..	9.0	65.34	5	2 43 55.38	+ 3.2911	+ 0.0146	...	...	...
571	880	Fornacis ... .. $\gamma^1$	6.3	80.38	10	2 44 18.75	+ 2.6611	+ 0.0008	...	...	+ 0.09
572	881	43 Arietis ... .. $\sigma$	5.5	83.31	66	2 44 35.58	+ 3.3008	+ 0.0150	- 0.0002	0.00	...
573	...	C.Z. II. 1231 ... ..	8.5	65.71	6	2 44 47.28	+ 1.6528	+ 0.0062	...	...	+ 0.03
574	886	Fornacis ... .. $\eta^2$	5.7	79.01	5	2 45 11.50	+ 2.4226	- 0.0009	...	...	- 0.03
575	887	2 Eridani ... .. $\tau^2$	4.8	79.42	5	2 45 22.04	+ 2.7240	+ 0.0016	- 0.0053	- 0.08	+ 0.03
576	885	18 Persei ... .. $\tau$	4.0	80.96	5	2 45 24.31	+ 4.2130	+ 0.0583	- 0.0018	0.00	...
577	890	Fornacis ... .. $\eta^3$	5.3	79.58	5	2 45 37.42	+ 2.4252	- 0.0008	...	...	+ 0.09
578	...	C.P.D. - 42°. 269 ...	8.5	83.03	5	2 45 43.21	+ 2.2546	- 0.0009	...	...	+ 0.09
579	...	B.D. + 13°. 464 ... ..	9.0	66.17	5	2 45 51.85	+ 3.2861	+ 0.0144	...	...	...
580	...	C.Z. II. 1261 ... ..	9.0	75.04	5	2 46 10.66	+ 1.5265	+ 0.0093	...	...	...
581	892	Lalande 5326 ... ..	6.5	66.32	5	2 46 14.11	+ 3.3261	+ 0.0157	...	...	...
582	895	Horologii ... .. $\nu$	5.3	65.54	5	2 46 15.27	+ 1.8067	+ 0.0158	...	...	- 0.07
583	...	C.P.D. - 41°. 268 ...	7.1	83.94	5	2 46 20.18	+ 2.2877	- 0.0010	...	...	- 0.30
584	...	C.P.D. - 43°. 293 ...	8.5	83.00	4	2 46 44.57	+ 2.2329	- 0.0008	...	...	+ 0.07
585	899	Brisbane 429 ... ..	7.5	68.73	5	2 47 39.77	+ 1.6590	+ 0.0062	...	...	+ 0.19
586	898	44 Arietis ... .. $\rho^1$	7.0	79.96	10	2 47 55.01	+ 3.3494	+ 0.0164	+ 0.0015	...	...
587	...	Lalande 5380 ... ..	7.8	65.48	5	2 48 18.68	+ 3.3258	+ 0.0156	...	...	...
588	902	Fornacis ... .. $\psi$	5.8	81.96	5	2 48 40.52	+ 2.3168	- 0.0008	...	...	+ 0.02
589	907	Brisbane 433 ... ..	6.7	79.71	5	2 49 4.53	+ 0.8424	+ 0.0342	...	...	+ 0.39
590	...	C.P.D. - 45°. 288 ...	7.8	83.97	5	2 49 19.05	+ 2.1682	- 0.0004	...	...	+ 0.08
591	903	46 Arietis ... .. $\rho^3$	5.5	80.00	10	2 49 22.92	+ 3.3565	+ 0.0165	+ 0.0186	+ 0.10	...
592	910	3 Eridani ... .. $\eta$	4.0	79.50	10	2 50 19.22	+ 2.9227	+ 0.0052	+ 0.0037	- 0.02	- 0.08
593	...	C.Z. II. 1392 ... ..	6.6	72.82	13	2 50 45.36	+ 1.7083	+ 0.0052	...	...	0.00
594	912	22 Persei ... .. $\pi$	4.7	79.98	5	2 50 46.51	+ 3.8105	+ 0.0346	+ 0.0014	+ 0.11	...
595	...	Lalande 5456 ... ..	7.3	80.18	10	2 50 54.23	+ 3.3549	+ 0.0164	...	...	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madrus—	
										Grn. 1880	C.G.A.
596	917	Brisbane 436 ... ..	7.0	68.35	5	h m s 2 50 58.91	s + 2.3332	s - 0.0006	s ...	s ...	s + 0.03
597	...	C.P.D. - 51°. 348 ... ..	8.0	83.96	4	2 51 26.83	+ 1.9179	+ 0.0020	...	...	- 0.30
598	...	Lalande 5463 ... ..	7.7	72.99	5	2 51 39.51	+ 3.2278	+ 0.0124	...	...	...
599	922	4 Eridani ... ..	5.4	79.00	5	2 51 50.23	+ 2.6596	+ 0.0014	+ 0.0049	- 0.01	- 0.02
600	921	48 Arietis ... ..	4.6	36.03	6	2 52 3.99	+ 3.4104	+ 0.0184	- 0.0025	- 0.01	...
601	...	C.Z. II. 1430 ... ..	6.5	84.00	3	2 52 19.39	+ 1.1566	+ 0.0206	...	...	+ 0.23
602	...	C.P.D. - 47°. 305 ... ..	8.5	82.02	5	2 52 27.21	+ 2.0845	+ 0.0004	...	...	+ 0.12
603	926	6 Eridani ... ..	6.1	79.76	5	2 52 32.13	+ 2.6631	+ 0.0015	+ 0.0030	...	+ 0.01
604	...	C.Z. II. 1439 ... ..	9.2	66.16	5	2 52 38.15	+ 1.4728	+ 0.0107	...	...	+ 0.02
605	929	91 Ceti ... ..	4.6	69.64	5	2 53 0.94	+ 3.2076	+ 0.0117	- 0.0014	...	...
606	933	50 Arietis ... ..	7.5	79.95	11	2 53 30.04	+ 3.3618	+ 0.0164	- 0.0028	...	...
607	937	Eridani (1st) ... ..	3.0	76.99	5	2 53 31.16	+ 2.2793	- 0.0004	- 0.0077	...	- 0.14
608	938	Eridani (2nd) ... ..	5.2	76.99	5	2 53 32.08	+ 2.2793	- 0.0004	...	...	- 0.06
609	...	C.Z. II. 1461 ... ..	8.5	67.72	5	2 53 33.89	+ 1.6743	+ 0.0060	...	...	+ 0.23
610	...	Lalande 5558 ... ..	7.8	73.00	5	2 54 4.41	+ 3.2303	+ 0.0124	...	...	...
611	...	C.P.D. - 44°. 316 ... ..	7.0	81.90	5	2 54 26.74	+ 2.1741	+ 0.0001	...	...	- 0.07
612	946	8 Eridani ... ..	6.1	79.42	5	2 55 1.37	+ 2.9397	+ 0.0056	+ 0.0015	...	+ 0.07
613	...	C.Z. II. 1502 ... ..	7.8	67.56	5	2 55 13.12	+ 1.7897	+ 0.0040	...	...	- 0.08
614	...	C.P.D. - 35°. 292 ... ..	8.8	81.46	5	2 55 21.25	+ 2.4095	+ 0.0005	...	...	...
615	...	Brisbane 455 ... ..	7.4	83.00	5	2 55 29.37	+ 2.2270	0.0000	...	...	+ 0.03
616	949	92 Ceti (Menkar) ... ..	2.7	72.92	130	2 55 44.77	+ 3.1305	+ 0.0098	- 0.0024	0.00	...
617	947	23 Persei ... ..	3.1	79.61	5	2 55 45.12	+ 4.3039	+ 0.0594	- 0.0010	...	...
618	948	Persei ... ..	5.0	80.57	5	2 56 9.65	+ 4.4614	+ 0.0680	...	- 0.03	...
619	951	Fornacis ... ..	6.0	83.94	5	2 56 14.25	+ 2.5658	+ 0.0007	...	+ 0.20	- 0.03
620	956	Horologii ... ..	5.0	80.93	5	2 56 26.47	+ 1.1149	+ 0.0215	0.000	...	+ 0.14
621	952	9 Eridani ... ..	5.4	80.36	5	2 56 34.14	+ 2.9384	+ 0.0057	+ 0.0008	...	- 0.06
622	954	11 Eridani ... ..	4.1	76.98	5	2 56 52.77	+ 2.6548	+ 0.0018	- 0.0127	- 0.04	- 0.15
623	...	Brisbane 464 ... ..	7.8	65.57	5	2 57 9.82	+ 1.4345	+ 0.0116	...	...	+ 0.18
624	953	25 Persei ... ..	Var.	68.26	10	2 57 10.30	+ 3.8110	+ 0.0332	+ 0.0096	0.00	...
625	...	C.P.D. - 42°. 279 ... ..	8.5	83.03	5	2 57 24.35	+ 2.2204	+ 0.0001	...	...	+ 0.10
626	959	10 Eridani ... ..	5.4	79.17	5	2 58 8.22	+ 2.9389	+ 0.0057	+ 0.0029	+ 0.14	+ 0.03
627	961	Brisbane 466 ... ..	5.7	83.97	5	2 58 39.31	+ 2.0480	+ 0.0011	- 0.002	...	- 0.29
628	...	Lalande 5701 ... ..	9.2	79.96	10	2 58 44.51	+ 3.3721	+ 0.0164	...	...	...
629	...	C.P.D. - 44°. 322 ... ..	8.0	83.00	6	2 58 56.66	+ 2.1461	+ 0.0005	...	...	- 0.02
630	...	C.P.D. - 40°. 267 ... ..	9.0	72.44	6	2 59 16.12	+ 2.2646	+ 0.0003	...	...	...





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Proccasion 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1860	C.G.A.
631	964	Brisbane 469 ...	6.9	83.02	5	2 59 26.38	+ 2.1491	+ 0.0005	...	...	- 0.07
632	963	26 Persei ( <i>Algol</i> ) ...	$\beta$ Var.	69.15	10	3 0 2.44	+ 3.8791	+ 0.0356	- 0.0010	- 0.01	...
633	962	Persei ...	$\iota$	80.22	5	3 0 3.28	+ 4.1652	+ 0.0497	+ 0.1274	+ 0.03	...
634	968	Brisbane 472 ...	7.4	67.57	10	3 0 6.36	+ 1.3457	+ 0.0139	...	...	+ 0.05
635	966	53 Arietis ...	6.7	79.83	9	3 0 23.57	+ 3.3689	+ 0.0161	- 0.0032	+ 0.07	...
636	972	Horologii ...	$\mu$	69.12	5	3 0 40.38	+ 1.4151	+ 0.0120	- 0.0118	...	+ 0.25
637	...	Brisbane 474 ...	7.5	81.99	5	3 1 0.53	+ 2.3350	+ 0.0002	...	...	- 0.06
638	973	Brisbane 477 ...	8.0	67.96	5	3 1 1.13	+ 1.3357	+ 0.0142	...	...	- 0.02
639	967	27 Persei ...	$\kappa$	4.0	5	3 1 4.08	+ 4.0017	+ 0.0410	+ 0.0151	- 0.20	...
640	...	C.Z. III. 40 ...	8.5	81.96	4	3 1 7.91	+ 1.3902	+ 0.0124	...	...	+ 0.25
641	...	C.P.D. - 40°. 273 ...	9.5	71.12	5	3 2 34.68	+ 2.2527	+ 0.0004	...	...	...
642	960	Groombridge 595 ( <i>R.P.L. 33</i> )	5.9	75.39	48-44	3 3 4.33	+ 12.9524	+ 1.6017	+ 0.0445	- 0.05	...
643	981	28 Persei ...	$\omega$	4.7	5	3 3 13.52	+ 3.8522	+ 0.0336	- 0.0029	+ 0.01	...
644	...	C.P.D. - 39°. 275 ...	8.2	82.00	5	3 3 16.08	+ 2.2740	+ 0.0004	...	...	- 0.11
645	986	57 Arietis ...	$\delta$	4.5	119	3 4 28.98	+ 3.4088	+ 0.0171	+ 0.0093	- 0.01	...
646	...	C.Z. III. 151 ...	7.2	67.17	5	3 5 1.75	+ 1.2405	+ 0.0169	...	...	- 0.02
647	992	Brisbane 491 ...	7.5	69.17	5	3 5 26.86	+ 1.2806	+ 0.0156	...	...	+ 0.17
648	994	94 Ceti ...	5.0	79.59	5	3 6 23.80	+ 3.0440	+ 0.0078	+ 0.0123	+ 0.10	+ 0.10
649	...	C.P.D. - 38°. 273 ...	8.5	71.19	5	3 6 34.25	+ 2.2091	+ 0.0006	...	...	+ 0.22
650	997	Fornacis ...	$\alpha$	3.8	5	3 6 45.61	+ 2.5223	+ 0.0012	+ 0.0221	- 0.12	- 0.07
651	1002	Brisbane 503 ...	6.8	65.35	5	3 7 31.92	+ 1.4931	+ 0.0100	...	...	+ 0.06
652	...	C.Z. III. 236 ...	9.5	69.21	5	3 7 34.42	+ 1.6450	+ 0.0069	...	...	...
653	999	58 Arietis ...	$\zeta$	4.9	5	3 7 43.13	+ 3.4389	+ 0.0176	- 0.0032	- 0.05	...
654	...	C.P.D. - 37°. 347 ...	7.2	82.01	5	3 8 11.91	+ 2.3232	+ 0.0007	...	...	...
655	1001	Radcliffe 914 ...	4.8	79.63	5	3 9 1.10	+ 5.1979	+ 0.1120	- 0.004	+ 0.39	...
656	...	C.P.D. - 40°. 286 ...	7.5	82.99	5	3 9 32.95	+ 2.2252	+ 0.0010	...	...	+ 0.08
657	1013	13 Eridani ...	$\zeta$	4.8	5	3 9 45.59	+ 2.9111	+ 0.0056	- 0.0021	- 0.12	- 0.11
658	...	Brisbane 513 ...	7.8	70.35	5	3 10 41.79	+ 2.2584	+ 0.0009	...	...	+ 0.09
659	...	Brisbane 514 ...	7.2	68.73	5	3 10 42.35	+ 2.1917	+ 0.0011	...	...	+ 0.02
660	1020	Brisbane 516 ...	6.7	81.96	4	3 10 52.35	+ 2.0431	+ 0.0019	...	...	- 0.14
661	...	Lalande 6095 ...	7.5	79.97	10	3 11 15.82	+ 3.3886	+ 0.0159	...	...	...
662	...	B.D. + 17°. 529 ...	8.5	79.99	10	3 11 35.32	+ 3.3948	+ 0.0161	...	...	...
663	1021	Brisbane 518 ...	6.7	82.97	4	3 11 38.91	+ 2.3473	+ 0.0009	...	...	- 0.07
664	...	C.P.D. - 36°. 340 ...	9.0	82.98	5	3 11 58.47	+ 2.3458	+ 0.0009	...	...	- 0.12
665	1022	95 Ceti ...	5.7	79.00	5	3 11 58.77	+ 3.0481	+ 0.0079	+ 0.0156	+ 0.15	+ 0.10

No.	Mean Polar Distance 1875 0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
631	134 23 15.5	- 14.216	+ 0.227	...	...	+ 1.5	976	1042	1266	...	3327
632	49 31 40.3	.178	.405	+ 0.006	+ 1.3	...	...	1040	...	436	...
633	40 51 58.8	.177	.435	+ 0.083	+ 0.3	...	...	1039	...	...	...
634	151 17 16.0	.174	.145	...	...	...	985	1047	1269	...	3340
635	72 36 15.7	.156	.354	- 0.009	+ 1.1	...	...	1043	...	439	...
636	150 13 26.0	.138	.152	+ 0.059	...	+ 2.1	989	1052	1272	...	3352
637	127 49 30.1	.118	.248	...	...	+ 4.5	979	1049	1279	...	3359
638	151 19 45.8	.118	.144	...	...	+ 4.1	...	1057	1277	...	3360
639	45 37 5.6	.114	.421	+ 0.160	+ 0.6	...	...	1044	1280	438	...
640	150 27 14.3	.110	.151	...	...	+ 3.0	...	...	...	...	3362
641	130 36 22.4	- 14.020	+ 0.211	...	...	...	...	...	...	...	...
642	5 32 16.5	- 13.989	+ 1.357	+ 0.118	+ 1.2	...	...	...	...	402	...
643	50 51 53.4	.978	+ 0.409	- 0.020	- 1.0	...	...	1061	...	443	...
644	129 46 45.5	.977	.244	...	...	+ 2.5	...	...	...	...	3391
645	70 41 52.2	.900	.364	- 0.009	+ 0.9	...	...	1069	1295	446	...
646	152 11 55.7	.865	.136	...	...	+ 3.1	1007	...	1296	...	3421
647	151 37 43.7	.839	.141	...	...	+ 3.2	...	1081	1302	...	3435
648	91 39 55.5	.780	.329	+ 0.073	+ 1.7	+ 2.8	...	1079	1311	450	3455
649	128 29 32.7	.768	.250	...	...	+ 2.4	...	...	...	...	3458
650	119 28 52.4	.756	.273	- 0.644	- 0.2	+ 1.5	1000	1083	1317	454	3462
651	148 16 58.1	.706	.165	...	...	+ 2.3	1023	1092	1323	...	3480
652	145 38 2.1	.704	.181	...	...	...	...	...	...	...	236
653	69 25 14.0	.695	.373	+ 0.070	+ 0.7	...	...	1087	...	451	...
654	127 25 49.9	.665	.254	...	...	...	...	...	...	...	...
655	24 48 25.1	.612	.563	+ 0.012	- 1.4	...	...	1088	...	448	...
656	130 43 21.4	.578	.245	...	...	+ 2.3	1080	...	1342	...	3518
657	99 17 7.2	.563	.318	- 0.042	- 0.3	+ 0.6	...	1104	1345	457	3523
658	129 27 52.6	.504	.249	...	...	+ 1.9	...	1112	1351	...	3541
659	131 41 41.8	.502	.242	...	...	+ 1.8	1088	1113	1352	...	3542
660	136 7 59.8	.492	.226	...	...	+ 0.3	1042	1115	1354	...	3550
661	72 17 5.5	.467	.367	...	...	...	...	...	...	...	...
662	71 59 5.2	.446	.373	...	...	...	...	...	...	...	...
663	126 9 10.9	.442	.260	...	...	+ 3.3	1045	1118	1360	...	3563
664	120 10 26.6	.421	.260	...	...	+ 0.9	...	...	...	...	3572
665	91 23 13.7	- 13.420	+ 0.336	+ 0.066	+ 1.0	+ 1.1	...	1117	1365	461	3573

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
666	1027	Brisbane 521 ...	7.1	81.99	5	3 12 2.33	+ 1.3527	+ 0.0132	...	...	- 0.10	
667	...	Brisbane 519 ...	7.2	66.30	6	3 12 11.13	+ 2.1854	+ 0.0012	...	...	+ 0.21	
668	...	Anonymous ...	9.4	71.01	5	3 12 47.70	+ 2.2319	+ 0.0012	...	...	...	
669	...	C.P.D. - 40°. 292 ...	8.0	67.10	6	3 12 47.79	+ 2.2081	+ 0.0011	...	...	+ 0.05	
670	1028	96 Ceti ...	$\kappa^1$	5.0	79.45	5	3 12 48.42	+ 3.1229	+ 0.0094	+ 0.0161	...	...
671	1031	15 Eridani ...	...	5.0	79.41	5	3 12 50.52	+ 2.6497	+ 0.0024	- 0.0004	- 0.01	- 0.02
672	...	C.P.D. - 39°. 292 ...	...	8.0	70.78	5	3 12 58.87	+ 2.2524	+ 0.0011	...	...	...
673	...	C.P.D. - 40°. 293 ...	...	8.8	64.71	7	3 13 5.50	+ 2.2111	+ 0.0012	...	...	- 0.09
674	...	C.P.D. - 41°. 312 ...	...	10.2	74.37	5	3 13 13.68	+ 2.1815	+ 0.0013	...	...	...
675	...	C.P.D. - 35°. 323 ...	...	8.0	70.94	5	3 13 46.07	+ 2.3554	+ 0.0011	...	...	- 0.03
676	1037	16 Eridani ...	$\tau^4$	3.8	77.01	5	3 13 57.20	+ 2.0633	+ 0.0020	+ 0.0013	- 0.27	- 0.12
677	1034	61 Arietis ...	$\tau^1$	5.2	69.50	5	3 14 0.67	+ 3.4504	+ 0.0175	+ 0.0008	- 0.08	...
678	1044	Eridani ...	$e$	4.3	80.12	6	3 14 56.12	+ 2.1160	+ 0.0017	+ 0.2754	...	- 0.14
679	1048	Reticuli ...	$\zeta^1$	5.5	80.37	5	3 15 3.51	+ 1.0943	+ 0.0203	+ 0.194	...	- 0.18
680	...	C.Z. III. 450 ...	...	9.0	66.94	5	3 15 5.75	+ 1.3259	+ 0.0138	...	...	...
681	...	Anonymous ...	...	8.5	69.93	5	3 15 19.34	+ 1.2188	+ 0.0166	...	...	...
682	1043	33 Persei ...	$a$	1.9	72.07	20	3 15 24.33	+ 4.2473	+ 0.0483	+ 0.0011	- 0.03	...
683	1051	Reticuli ...	$\zeta^2$	5.1	72.68	10	3 15 30.02	+ 1.0971	+ 0.0201	+ 0.190	...	- 0.12
684	...	C.P.D. - 35°. 319 ...	...	9.5	71.13	5	3 15 48.76	+ 2.3490	+ 0.0012	...	...	...
685	...	B.D. + 18°. 472 ...	...	8.8	79.98	10	3 16 32.87	+ 3.4028	+ 0.0160	...	...	...
686	1056	Brisbane 540 ...	...	6.1	80.97	5	3 16 34.20	+ 0.0452	+ 0.0366	+ 0.011	...	- 0.18
687	...	C.P.D. - 37°. 363 ...	...	8.8	71.36	5	3 17 16.31	+ 2.3061	+ 0.0013	...	...	+ 0.15
688	...	C.P.D. - 40°. 306 ...	...	8.2	70.36	5	3 17 44.28	+ 2.1980	+ 0.0015	...	...	+ 0.03
689	...	C.P.D. - 37°. 365 ...	...	8.5	82.01	5	3 17 59.24	+ 2.3055	+ 0.0013	...	...	+ 0.04
690	1057	1 Tauri ...	$\sigma$	3.8	82.13	58	3 18 5.29	+ 3.2258	+ 0.0115	- 0.0056	+ 0.05	...
691	...	C.P.D. - 44°. 353 ...	...	8.2	83.03	5	3 18 19.10	+ 2.0693	+ 0.0021	...	...	- 0.02
692	...	C.P.D. - 44°. 356 ...	...	8.2	81.95	5	3 18 53.63	+ 2.0636	+ 0.0022	...	...	- 0.12
693	1058	2 Camelopardi (Hev.) ...	...	4.2	79.16	6	3 18 57.67	+ 4.8044	+ 0.0773	- 0.0014	...	...
694	...	C.P.D. - 40°. 310 ...	...	7.2	83.00	5	3 18 59.50	+ 2.2001	+ 0.0016	...	...	- 0.01
695	1064	W.B.N. III. 393 ...	...	8.0	79.99	10	3 19 55.21	+ 3.4111	+ 0.0159	...	...	...
696	1062	Radcliffe 962 ...	...	4.8	79.63	5	3 19 56.98	+ 4.7396	+ 0.0728	...	...	...
697	...	C.Z. III. 590 ...	...	8.2	82.01	5	3 20 11.38	+ 1.3407	+ 0.0131	...	...	+ 0.04
698	1068	2 Tauri ...	$\xi$	3.8	70.93	5	3 20 23.73	+ 3.2401	+ 0.0117	+ 0.0025	- 0.02	...
699	1065	Radcliffe 969 ...	...	5.0	79.97	5	3 20 28.81	+ 4.5384	+ 0.0613	...	...	...
700	...	C.Z. III. 600 ...	...	8.0	68.35	5	3 20 33.09	+ 1.3457	+ 0.0131	...	...	+ 0.20

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras--		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
666	149 58 35.9	- 13.417	+ 0.153	...	...	+ 2.1	1057	1120	1364	...	3574
667	131 43 52.6	.407	.243	...	...	+ 2.0	1053	1127	1366	...	3577
668	130 8 6.2	.367	.240	...	...	...	...	...	...	...	...
669	130 55 44.0	.367	.246	...	...	+ 1.7	...	...	...	...	3586
670	87 5 23.5	.367	.345	- 0.110	...	...	...	1126	1372	463	...
671	112 59 8.9	.364	.294	- 0.008	- 0.9	- 0.3	1051	1128	1371	466	3588
672	129 25 15.7	.355	.251	...	...	...	...	...	...	...	3593
673	130 47 50.0	.348	.246	...	...	+ 2.7	...	...	...	...	3593
674	131 44 22.4	.336	.243	...	...	...	...	...	...	...	...
675	125 37 25.9	.304	.263	...	...	+ 1.1	...	1136	...	...	3602
676	112 12 52.5	.291	.207	- 0.037	+ 0.9	+ 3.4	...	1135	1377	469	3607
677	60 18 19.0	.287	.382	+ 0.030	+ 0.2	...	...	1132	1378	465	...
678	133 32 57.6	.226	.238	- 0.754	...	+ 1.1	1060	1144	1384	...	3623
679	153 3 17.5	.218	.126	- 0.65	...	+ 2.2	1074	...	1385	...	3626
680	150 3 54.4	.216	.151	...	...	...	...	...	...	...	450
681	151 29 48.1	.201	.140	...	...	...	...	...	...	...	...
682	40 35 8.8	.196	.472	+ 0.029	0.0	...	...	1141	1302	464	...
683	152 59 0.1	.190	.127	- 0.65	...	+ 3.4	1077	...	1389	...	3634
684	125 30 0.4	.169	.264	...	...	...	...	...	...	...	469
685	71 53 29.7	.121	.381	...	...	...	...	...	...	...	...
686	157 22 53.4	.110	.077	...	...	+ 1.5	1092	...	1397	...	3651
687	127 4 38.3	.073	.261	...	...	+ 2.3	...	...	...	...	3663
688	130 43 15.5	.042	.240	...	...	+ 1.7	...	...	...	...	3673
689	127 1 29.5	.025	.262	...	...	+ 2.6	...	...	...	...	3678
690	81 24 44.7	.018	.364	+ 0.069	+ 0.9	...	...	1156	1407	477	...
691	134 34 39.7	- 13.003	.236	...	...	+ 1.1	...	...	...	...	3686
692	134 40 41.7	- 12.965	.236	...	...	+ 2.7	...	...	...	...	3698
693	30 29 52.5	.061	.541	+ 0.003	...	...	...	1154	...	...	...
694	130 31 13.1	.958	.251	...	...	- 0.8	1037	...	1414	...	3703
695	71 40 58.9	.896	.387	...	...	...	...	1166	...	...	...
696	81 33 22.5	.894	.535	...	...	...	...	1160	...	...	...
697	149 22 44.4	.879	.156	...	...	+ 1.6	...	...	...	...	3728
698	80 42 16.5	.865	.368	+ 0.038	- 0.9	...	...	1170	1425	481	...
699	34 58 57.9	.863	.515	...	...	...	...	1164	...	...	...
700	149 16 34.9	- 12.853	+ 0.156	...	...	- 58.8	...	...	...	...	3736

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
701	...	C.Z. III. 604 ...	...	8.5	82.04	5	3 20 48.82	+ 1.3328	+ 0.0132	...	...	+ 0.25
702	...	C.Z. III. 604 ...	...	8.5	65.40	5	3 20 49.08	+ 1.3328	+ 0.0133	...	...	+ 0.51
703	...	B.D. + 17° . 558	...	9.5	80.68	10	3 21 1.24	+ 3.4071	+ 0.0158	...	...	...
704	1074	Fornacis ...	...	$\chi^1$ 6.2	82.05	5	3 21 6.00	+ 2.3152	+ 0.0015	...	...	- 0.02
705	...	C.P.D. - 36° . 351	...	7.0	82.03	5	3 21 9.29	+ 2.3140	+ 0.0015	...	...	+ 0.02
706	...	B.D. + 35° . 701	...	9.1	70.62	6	3 21 21.17	+ 3.7905	+ 0.0279	...	...	...
707	1071	35 Persei ...	...	$\sigma$ 4.4	80.00	5	3 21 46.12	+ 4.1995	+ 0.0436	- 0.0001	...	...
708	...	Persei ...	...	$\mathcal{R}$ Var. 71.26	10	3 22 5.96	+ 3.8013	+ 0.0278	...	...	...	
709	...	B.D. + 1° . 602	...	8.5	68.56	5	3 22 34.08	+ 3.1053	+ 0.0089	...	...	...
710	...	B.D. + 18° . 489	...	8.6	80.45	10	3 22 39.33	+ 3.4143	+ 0.0159	...	...	...
711	...	C.P.D. - 40° . 320	...	9.5	71.00	5	3 23 39.31	+ 2.1974	+ 0.0018	...	...	...
712	1087	5 Tauri ...	...	$f$ 4.3	67.81	14	3 23 58.33	+ 3.3027	+ 0.0130	- 0.0003	- 0.05	...
713	...	C.P.D. - 36° . 359	...	9.0	70.21	5	3 24 4.51	+ 2.3077	+ 0.0016	...	...	...
714	1090	17 Eridani ...	...	$v$ 4.8	79.99	5	3 24 25.00	+ 2.9719	+ 0.0066	- 0.0006	+ 0.06	+ 0.02
715	...	Lalande 6483 ...	...	8.3	80.16	10	3 24 35.47	+ 3.4180	+ 0.0157	...	...	...
716	...	C.P.D. 38° . 312	...	8.0	70.76	5	3 25 14.29	+ 2.2274	+ 0.0018	...	...	+ 0.14
717	1061	Groombridge 642 (R.P.L. 84)	...	5.8	77.13	61-59	3 25 44.79	+ 19.0129	+ 3.2324	+ 0.1356	- 0.41	...
718	1093	Brisbane 561 ...	...	6.4	79.65	5	3 25 46.28	+ 2.1377	+ 0.0021	...	...	- 0.04
719	...	C.P.D. - 45° . 345	...	8.8	83.02	4	3 26 14.11	+ 2.0191	+ 0.0028	...	...	...
720	...	B.D. + 2° . 559	...	9.0	65.10	5	3 26 29.24	+ 3.1116	+ 0.0089	...	...	...
721	...	C.P.D. - 36° . 364	...	9.0	82.01	5	3 26 56.65	+ 2.3059	+ 0.0018	...	...	+ 0.09
722	1100	18 Eridani ...	...	$\epsilon$ 3.7	82.52	57	3 27 2.48	+ 2.8893	+ 0.0055	- 0.0675	- 0.01	- 0.08
723	1103	Reticuli ...	...	$\kappa$ 4.8	65.19	5	3 27 12.08	+ 0.9761	+ 0.0227	+ 0.048	...	+ 0.03
724	1099	37 Persei ...	...	$\psi$ 4.2	79.18	5	3 27 36.46	+ 4.2315	+ 0.0436	+ 0.0023	- 0.35	...
725	1104	19 Eridani ...	...	$\tau^b$ 4.2	77.01	5	3 28 16.01	+ 2.6451	+ 0.0030	+ 0.0017	+ 0.02	- 0.01
726	...	Brisbane 570 ...	...	7.0	65.93	5	3 28 39.18	+ 1.0496	+ 0.0203	...	...	- 0.16
727	...	C.Z. III. 858 ...	...	7.7	66.58	5	3 28 50.97	+ 1.2213	+ 0.0156	...	...	+ 0.20
728	...	C.Z. III. 863 ...	...	8.5	81.98	5	3 28 56.04	+ 1.3459	+ 0.0126	...	...	...
729	...	C.P.D. - 38° . 318	...	8.8	68.57	5	3 29 9.89	+ 2.2322	+ 0.0020	...	...	- 0.03
730	1113	Brisbane 572 ...	...	5.7	79.44	5	3 29 35.18	+ 0.5873	+ 0.0357	...	...	+ 0.16
731	...	B.D. + 18° . 514	...	8.3	79.95	10	3 30 12.64	+ 3.4208	+ 0.0154	...	...	...
732	...	C.Z. III. 907 ...	...	7.5	69.11	5	3 30 25.63	+ 1.0902	+ 0.0190	...	...	+ 0.04
733	...	C.Z. III. 909 ...	...	6.7	65.44	5	3 30 28.83	+ 1.1206	+ 0.0180	...	...	- 0.06
734	1112	10 Tauri ...	...	4.4	78.98	5	3 30 29.65	+ 3.0722	+ 0.0082	- 0.0159	...	...
735	...	C.P.D. - 35° . 353	...	7.1	82.01	5	3 31 40.36	+ 2.3197	+ 0.0020	...	...	...

701, 702.—These are the same star

717.—P. M. Romberg



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
736	...	C.P.D. — 39°. 325 ...	8.8	69.97	5	h m s 3 32 9.25	+ 2.1822	+ 0.0023	...	...	+ 0.07
737	1125	Eridani ... .. <i>y</i>	4.5	79.41	5	3 32 35.54	+ 2.1524	+ 0.0024	- 0.0028	...	+ 0.03
738	...	C.P.D. — 41°. 360 ...	8.5	69.62	5	3 32 37.16	+ 2.1320	+ 0.0025	...	...	...
739	1131	Brisbane 582 ... ..	7.0	79.84	5	3 33 0.82	+ 0.6457	+ 0.0326	...	...	+ 0.17
740	...	C.P.D. — 39°. 330 ...	8.5	70.58	5	3 33 26.14	+ 2.1978	+ 0.0023	...	...	+ 0.05
741	1130	Fornacis ... .. <i>τ</i>	5.8	79.66	5	3 33 35.74	+ 2.1930	+ 0.0023	...	...	+ 0.10
742	...	C.P.D. — 37°. 389 ...	8.0	70.57	5	3 33 43.55	+ 2.2128	+ 0.0021	...	...	...
743	1129	89 Persei ... .. <i>δ</i>	8.2	77.18	5	3 34 1.69	+ 4.2405	+ 0.0416	+ 0.0018	- 0.22	...
744	...	Anonymous ... ..	10.2	70.97	5-4	3 34 1.71	+ 2.2183	+ 0.0022	...	...	...
745	...	C.P.D. — 46°. 337 ...	7.8	82.99	5	3 34 24.20	+ 1.9322	+ 0.0033	...	...	- 0.08
746	1134	22 Eridani ... ..	5.4	79.20	5	3 34 27.16	+ 2.9664	+ 0.0065	- 0.0027	...	+ 0.08
747	...	C.P.D. — 34°. 365 ...	9.0	82.04	5	3 34 40.13	+ 2.3349	+ 0.0021	...	...	+ 0.17
748	...	C.P.D. — 36°. 355 ...	8.0	83.01	5	3 34 51.06	+ 2.2793	+ 0.0022	...	...	...
749	1133	Radcliffe 1039 ... ..	5.0	79.66	5	3 35 7.52	+ 5.1844	+ 0.0892	...	+ 0.05	...
750	...	C.Z. III. 1055 ... ..	7.2	68.79	5	3 35 13.72	+ 1.8660	+ 0.0120	...	...	+ 0.27
751	...	C.Z. III. 1062 ... ..	7.8	68.40	5	3 35 31.35	+ 1.4365	+ 0.0105	...	...	+ 0.11
752	...	C.Z. III. 1064 ... ..	8.5	69.02	5	3 35 32.87	+ 1.1875	+ 0.0159	...	...	+ 0.21
753	1141	Brisbane 586 ... ..	7.3	70.02	5	3 35 40.37	+ 1.8668	+ 0.0159	...	...	+ 0.13
754	...	Anonymous ... ..	9.7	71.18	5	3 36 2.42	+ 1.0027	+ 0.0207	...	...	...
755	...	C.P.D. — 39°. 335 ...	10.0	70.96	5	3 36 11.07	+ 2.1914	+ 0.0024	...	...	...
756	1138	40 Persei ... .. <i>ο</i>	4.0	79.42	5	3 36 28.99	+ 3.7462	+ 0.0235	- 0.0003	- 0.03	...
757	...	C.Z. III. 1096 ... ..	7.0	66.37	5	3 36 40.12	+ 1.4259	+ 0.0107	...	...	- 0.12
758	...	C.Z. III. 1098 ... ..	7.7	82.03	4	3 36 41.43	+ 1.4312	+ 0.0106	...	...	- 0.01
759	1139	41 Persei ... .. <i>ν</i>	4.0	80.06	5	3 36 42.49	+ 4.0545	+ 0.0336	- 0.0019	+ 0.14	...
760	...	W.B.N. III. 803 ... ..	9.0	82.05	5	3 37 6.92	+ 3.4695	+ 0.0159	...	...	...
761	1137	Camelopardi ... .. <i>γ</i>	4.6	81.05	5	3 37 12.00	+ 6.2154	+ 0.1605	+ 0.0047	+ 0.20	...
762	...	Anonymous ... ..	8.5	71.17	5	3 37 13.39	+ 1.3058	+ 0.0131	...	...	...
763	1148	23 Eridani ... .. <i>δ</i>	3.7	77.02	5	3 37 15.62	+ 2.8771	+ 0.0055	- 0.0052	- 0.03	- 0.09
764	1150	Fornacis ... .. <i>δ</i>	4.8	80.79	5	3 37 16.54	+ 2.3847	+ 0.0022	- 0.0033	...	- 0.15
765	1146	16 Tauri ( <i>Celano</i> ) ... ..	6.5	80.18	5	3 37 22.48	+ 3.5535	+ 0.0180	+ 0.0006	...	...
766	1147	17 Tauri ( <i>Electra</i> ) ... ..	3.8	68.11	6	3 37 27.33	+ 3.5496	+ 0.0179	+ 0.0003	+ 0.06	...
767	...	C.Z. III. 1121 ... ..	8.0	82.01	5	3 37 29.57	+ 1.4017	+ 0.0111	...	...	+ 0.01
768	1151	19 Tauri ( <i>Taygeta</i> ) ... ..	4.4	80.94	5	3 37 46.22	+ 3.5581	+ 0.0181	- 0.0008	+ 0.07	...
769	...	C.Z. III. 1138 ... ..	8.8	82.03	5	3 37 55.37	+ 1.4291	+ 0.0106	...	...	+ 0.09
770	1144	Radcliffe 1053 ... ..	4.6	80.66	5	3 38 5.88	+ 5.4217	+ 0.1016	...	+ 0.06	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1850	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
736	129 47 49.4	- 12.058	+ 0.259	...	...	+ 0.8	...	...	...	...	3890
737	130 41 10.6	.027	.256	+ 0.017	...	+ 1.8	1161	1234	1508	...	4006
738	131 18 32.6	- 12.026	.250	...	...	...	...	...	...	...	932
739	156 10 47.5	- 11.998	.080	...	...	+ 1.8	1188	...	1510	...	4011
740	129 11 1.1	.968	.262	...	...	+ 1.6	1166	...	1516	...	4021
741	118 21 10.3	.937	.297	...	...	+ 1.2	1163	1239	1518	...	4022
742	127 40 58.1	.919	.268	...	...	...	...	...	...	...	1011
743	42 36 51.6	.927	.502	+ 0.041	0.0	...	...	1235	...	499	...
744	128 27 59.0	.927	.265	...	...	...	...	...	...	...	...
745	136 38 58.7	.900	.232	...	...	+ 2.1	1175	...	1522	...	4033
746	06 36 57.2	.897	.363	- 0.000	...	+ 1.4	...	1241	1524	505	4037
747	124 23 36.3	.882	.279	...	...	+ 2.0	...	...	...	...	4043
748	126 20 46.1	.869	.273	...	...	...	1174	...	1526	...	...
749	27 3 7.2	.850	.615	...	- 1.4	...	...	1237	...	...	...
750	147 41 36.9	.842	.165	...	...	+ 2.4	1192	...	1527	...	4053
751	146 33 4.2	.822	.174	...	...	+ 2.6	1193	...	1531	...	4059
752	150 11 7.1	.820	.115	...	...	+ 2.8	...	...	1532	...	4060
753	150 11 7.5	.811	.145	...	...	+ 2.8	1197	1256	1533	...	4062
754	152 24 16.6	.785	.123	...	...	...	...	...	...	...	...
755	129 8 24.9	.775	.264	...	...	...	...	...	...	...	...
756	58 6 36.1	.753	.448	+ 0.015	+ 1.2	...	...	...	...	501	...
757	146 38 22.5	.740	.173	...	...	+ 1.6	1200	...	1540	...	4084
758	146 33 9.1	.739	.174	...	...	+ 1.6	1201	...	1541	...	4037
759	47 49 4.5	.738	.484	+ 0.006	- 1.2	...	...	1250	...	506	...
760	69 53 43.8	.708	.416	...	...	...	...	...	...	...	...
761	19 3 20.1	.703	.741	+ 0.054	- 2.0	...	...	1215	...	...	...
762	148 25 21.1	.701	.160	...	...	...	...	...	...	...	...
763	100 11 17.7	.698	.346	- 0.762	+ 0.4	+ 3.7	...	1263	1548	515	4100
764	122 20 19.6	.697	.287	- 0.001	...	+ 0.8	1191	1267	1547	...	4101
765	66 6 21.2	.690	.426	+ 0.055	...	...	...	1257	...	508	...
766	66 16 53.3	.684	.426	+ 0.039	- 0.6	...	...	1258	1551	509	...
767	146 57 19.7	.682	.174	...	...	+ 0.5	1209	...	1550	...	4107
768	65 53 37.6	.662	.427	+ 0.031	+ 1.5	...	...	1264	...	511	...
769	146 29 2.9	.651	.175	...	...	+ 0.5	...	...	1553	...	4116
770	24 51 48.7	- 11.639	+ 0.649	...	+ 0.6	...	...	1254	...	...	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
771	1159	Eridani ...	h	4.4	81.07	5	h m s 3 38 12.05	s + 2.2302	s + 0.0024	s - 0.006	s ...	s - 0.05
772	1154	20 Tauri ( <i>Maia</i> ) ...	...	4.0	80.99	5	3 38 23.48	+ 3.5569	+ 0.0179	+ 0.0003	+ 0.05	...
773	...	C.P.D. — 46°. 344 ...	...	8.8	65.12	5	3 38 25.73	+ 1.8366	+ 0.0044	...	...	...
774	1156	21 Tauri ( <i>Asterope</i> )	k	7.0	81.01	5	3 38 27.46	+ 3.5612	+ 0.0181	+ 0.0003	...	...
775	1157	22 Tauri ...	...	7.0	81.05	5	3 38 36.21	+ 3.5608	+ 0.0181	+ 0.0006	...	...
776	1161	23 Tauri ( <i>Merope</i> )	...	4.2	81.04	5	3 38 54.60	+ 3.5481	+ 0.0177	- 0.0005	+ 0.05	...
777	1164	24 Tauri ...	...	5.1	80.05	5	3 39 55.37	+ 3.5535	+ 0.0177	- 0.0023	- 0.01	...
778	...	Rümker 982 ...	...	7.5	68.72	4	3 39 59.27	+ 3.5491	+ 0.0176	...	...	...
779	1166	25 Tauri ( <i>Alcyone</i> ) ...	η	3.0	71.97	141	3 40 3.32	+ 3.5534	+ 0.0177	+ 0.0002	- 0.06	...
780	1168	26 Eridani ...	π	4.4	77.93	5	3 40 13.93	+ 2.8293	+ 0.0049	+ 0.0002	- 0.16	- 0.14
781	...	W.B.N. III. 883 ...	...	9.0	79.96	10	3 40 46.46	+ 3.4347	+ 0.0148	...	...	...
782	...	C.Z. III. 1237 ...	...	8.2	69.58	5	3 41 10.41	+ 1.3787	+ 0.0114	...	...	+ 0.31
783	1184	Brisbane 601 ...	...	5.6	80.06	5	3 41 23.02	+ 1.8615	+ 0.0046	...	...	+ 0.08
784	1174	30 Tauri ...	e	5.1	70.09	5	3 41 25.04	+ 3.2812	+ 0.0115	- 0.0005	+ 0.06	...
785	1181	27 Eridani ...	τ <sup>b</sup>	4.3	77.93	5	3 41 28.08	+ 2.5911	+ 0.0030	- 0.0130	- 0.12	- 0.13
786	1176	27 Tauri ( <i>Atlas</i> ) ...	...	3.8	80.39	5	3 41 43.87	+ 3.5548	+ 0.0175	+ 0.0001	- 0.03	...
787	1177	28 Tauri ( <i>Pleione</i> )	...	6.2	80.15	5	3 41 45.09	+ 3.5567	+ 0.0175	- 0.0013	- 0.04	...
788	...	C.Z. III. 1271 ...	...	7.8	69.98	5	3 42 0.27	+ 1.3721	+ 0.0114	...	...	+ 0.27
789	1191	28 Eridani ...	τ <sup>1</sup>	4.8	80.44	5	3 42 17.01	+ 2.5751	+ 0.0030	+ 0.0014	- 0.08	- 0.11
790	1197	Reticuli ...	β	3.8	64.80	5	3 42 38.20	+ 0.6832	+ 0.0294	+ 0.0464	...	- 0.07
791	...	C.P.D. — 51°. 451 ...	...	6.9	81.97	5	3 43 47.31	+ 1.6976	+ 0.0063	...	...	- 0.14
792	1199	{ Eridani ( <i>1st</i> ) ...	f <sup>1</sup>	5.5	80.05	5	3 43 58.91	+ 2.2061	+ 0.0026	...	...	- 0.03
793		{ Eridani ( <i>2nd</i> ) ...	f <sup>2</sup>	4.8	80.25	5	3 43 59.06	+ 2.2061	+ 0.0026	...	...	- 0.16
794	...	C.P.D. — 46°. 354 ...	...	8.2	83.03	5	3 44 2.71	+ 1.9050	+ 0.0042	...	...	...
795	1201	Eridani ...	g	4.1	77.00	5	3 44 46.41	+ 2.2477	+ 0.0026	- 0.0053	...	- 0.34
796	...	C.Z. III. 1367 ...	...	8.0	81.99	5	3 45 1.29	+ 1.2922	+ 0.0129	...	...	- 0.04
797	...	Lalande 7131 ...	...	7.9	79.95	10	3 45 6.56	+ 3.4452	+ 0.0146	...	...	...
798	...	C.P.D. — 34°. 397 ...	...	9.5	81.99	5	3 45 13.53	+ 2.3103	+ 0.0025	...	...	...
799	...	B.D. + 13°. 612 ...	...	8.5	64.38	5	3 45 48.54	+ 3.3413	+ 0.0124	...	...	...
800	...	W.B.E. III. 860 ...	...	8.9	68.35	5	3 45 55.83	+ 3.3502	+ 0.0127	...	...	...
801	1207	44 Persei ...	ζ	3.1	79.21	5	3 46 16.60	+ 3.7562	+ 0.0221	- 0.0002	- 0.04	...
802	1203	Radcliffe 1089 ...	...	4.8	79.66	5	3 46 24.73	+ 5.2352	+ 0.0337	...	+ 0.19	...
803	...	Tauri ...	X	Var.	80.99	10	3 46 29.70	+ 3.2172	+ 0.0101	...	...	...
804	...	C.Z. III. 1431 ...	...	8.5	65.00	5	3 46 47.60	+ 1.3823	+ 0.0111	...	...	...
805	...	Lalande 7193 ...	...	7.0	77.92	5	3 47 19.81	+ 3.3984	+ 0.0142	...	...	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras --		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
806	...	C.P.D. - 34° .406	...	9.0	82.06	5	3 47 32.40	+ 2.2957	+ 0.0025	...	...	...
807	1216	32 Eridani ...	...	4.8	79.05	6	3 48 0.73	+ 3.0070	+ 0.0070	+ 0.0019	- 0.20	- 0.16
808	...	C.Z. III.1469	...	8.0	65.22	5	3 48 15.48	+ 1.0643	+ 0.0177	...	...	+ 0.06
809	1217	33 Eridani ...	...	4.7	79.26	5	3 48 23.57	+ 2.5492	+ 0.0080	+ 0.0012	...	+ 0.06
810	1220	Eridani ...	...	5.1	79.83	5	3 48 53.21	+ 2.2821	+ 0.0026	...	+ 0.02	+ 0.05
811	1219	45 Persei ...	...	3.0	79.43	5	3 49 28.28	+ 4.0052	+ 0.0289	+ 0.0008	+ 0.16	...
812	...	C.P.D. - 36° .431	...	9.0	83.02	5	3 49 31.49	+ 2.2418	+ 0.0027	...	...	...
813	1223	33 Tauri ...	...	7.0	72.54	5	3 49 39.17	+ 3.5460	+ 0.0164	+ 0.0045	...	...
814	...	C.P.D. - 39° .367	...	9.7	72.01	1	3 50 2.05	+ 2.1522	+ 0.0029	...	...	...
815	...	C.P.D. - 39° .368	...	8.5	69.48	4	3 50 12.62	+ 2.1530	+ 0.0029	...	...	+ 0.11
816	1228	46 Persei ...	...	4.1	79.40	5	3 50 51.44	+ 3.8763	+ 0.0247	- 0.0001	+ 0.01	...
817	...	C.Z. III.1564	...	9.0	69.72	4	3 51 4.95	+ 1.3000	+ 0.0124	...	...	+ 0.14
818	...	C.Z. III.1599	...	9.0	82.03	4	3 52 11.10	+ 1.2505	+ 0.0133	...	...	...
819	1234	34 Eridani ...	...	3.0	72.85	154	3 52 11.83	+ 2.7922	+ 0.0047	+ 0.0031	- 0.04	- 0.04
820	...	C.P.D. - 52° .466	...	7.5	81.95	5	3 52 28.88	+ 1.5867	+ 0.0076	...	...	- 0.06
821	...	C.P.D. - 34° .417	...	9.5	82.00	4	3 53 9.86	+ 2.2796	+ 0.0027	...	...	+ 0.10
822	...	Anonymous	...	9.9	68.70	4	3 53 28.98	+ 2.1702	+ 0.0030	...	...	...
823	1241	35 Tauri ...	...	Var.	66.86	13	3 53 45.36	+ 3.3173	+ 0.0115	- 0.0016	- 0.01	...
824	...	C.Z. III.1656	...	8.5	66.59	5	3 53 57.42	+ 1.5533	+ 0.0082	...	...	- 0.05
825	1248	C.Z. III.1673	...	6.0	65.18	5	3 54 27.08	+ 0.7502	+ 0.0250	...	...	- 0.03
826	1243	36 Eridani ...	...	4.6	79.05	5	3 54 35.74	+ 2.5550	+ 0.0033	- 0.0008	+ 0.03	- 0.02
827	...	C.P.D. - 39° .375	...	8.2	69.37	5	3 55 5.28	+ 2.1416	+ 0.0031	...	...	+ 0.19
828	1245	35 Eridani ...	...	5.2	79.49	5	3 55 12.00	+ 3.0342	+ 0.0072	- 0.0009	+ 0.06	- 0.02
829	...	C.P.D. - 39° .377	...	8.0	69.80	5	3 55 57.29	+ 2.1345	+ 0.0031	...	...	+ 0.09
830	1255	Brisbane 639	...	6.4	69.22	5	3 56 2.23	+ 1.2761	+ 0.0126	0.000	...	+ 0.17
831	1251	38 Tauri ...	...	4.0	79.85	5	3 56 30.49	+ 3.1856	+ 0.0093	- 0.0008	+ 0.05	...
832	1259	Reticuli ...	...	4.3	80.60	5	3 56 46.18	+ 0.9349	+ 0.0196	- 0.0023	...	- 0.03
833	1253	36 Tauri ...	...	5.6	64.94	10	3 56 53.15	+ 3.5779	+ 0.0164	- 0.0005	...	...
834	...	C.P.D. - 34° .424	...	6.7	82.01	4	3 57 15.61	+ 2.2722	+ 0.0029	...	...	+ 0.08
835	1254	47 Persei ...	...	4.5	79.65	5	3 57 16.67	+ 4.4430	+ 0.0414	- 0.0024	...	...
836	1257	37 Tauri ...	...	4.4	80.45	63	3 57 18.39	+ 3.5307	+ 0.0153	+ 0.0053	- 0.04	...
837	1235	Groombridge 750 (R.P.L. 35)	...	6.7	77.78	60-56	3 57 58.30	+ 16.8535	+ 1.8109	+ 0.0102	...	...
838	...	C.Z. III.1800	...	7.0	65.01	5	3 58 19.61	+ 1.1526	+ 0.0148	...	...	+ 0.09
839	...	Lalande 7581	...	8.1	65.05	5	3 58 51.01	+ 3.3850	+ 0.0124	...	...	...
840	...	Brisbane 650	...	8.2	80.99	5	3 58 57.73	+ 1.9280	+ 0.0042	...	...	- 0.13

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
806	124 44 15.5	- 10.956	+ 0.285	...	...	...	...	...	...	...	1452
807	93 19 34.6	.922	.373	+ 0.003	+ 1.6	+ 2.3	...	1339	1648	540	4328
808	150 48 16.6	.803	.135	...	...	+ 3.4	...	...	...	...	4331
809	114 58 59.7	.894	.319	+ 0.006	...	0.0	1270	1341	1649	543	4336
810	125 6 12.5	.857	.285	...	- 4.6	+ 2.0	1275	1346	1655	...	4346
811	50 21 14.0	.815	.407	+ 0.023	+ 1.7	...	...	1342	...	539	...
812	120 24 23.4	.810	.280	...	...	...	...	...	...	...	...
813	67 11 23.5	.801	.441	+ 0.02	...	...	...	1345	1664	541	...
814	120 12 44.0	.773	.270	...	...	...	...	...	...	...	...
815	129 10 13.5	.759	.270	...	...	+ 1.2	...	...	...	...	4372
816	54 34 12.8	.712	.483	+ 0.002	- 0.4	...	...	1350	...	542	...
817	147 27 15.3	.695	.165	...	...	+ 3.2	...	...	...	...	4391
818	148 5 21.7	.614	.160	...	...	...	...	...	...	...	1599
819	103 51 56.4	.613	.351	+ 0.101	- 0.3	+ 0.7	...	1360	1683	546	4407
820	142 36 39.0	.591	.202	...	...	- 1.9	1310	...	1686	...	4414
821	124 52 16.5	.541	.288	...	...	+ 3.8	...	...	...	...	4421
822	128 23 28.0	.520	.274	...	...	...	...	...	...	...	...
823	77 51 52.6	.496	.416	+ 0.007	- 0.2	...	...	1370	...	548	...
824	143 6 28.4	.481	.198	...	...	+ 0.8	...	...	...	...	4435
825	153 49 34.4	.444	.097	...	...	+ 1.6	1327	...	1692	...	4444
826	114 22 19.2	.434	.322	- 0.013	- 0.1	- 0.1	1312	1373	1693	551	4447
827	120 8 57.8	.397	.271	...	...	+ 1.6	...	...	...	...	4456
828	91 54 5.3	.388	.382	+ 0.025	+ 0.5	+ 0.1	...	1374	1697	550	4458
829	120 17 44.2	.332	.271	...	...	+ 1.3	...	...	...	...	4473
830	147 27 29.4	.327	.164	+ 0.07	...	+ 2.1	1330	1392	1700	...	4476
831	84 21 32.8	.291	.403	+ 0.005	- 0.4	...	...	1383	1703	553	...
832	151 45 15.8	.271	.121	+ 0.024	...	+ 3.0	1338	1399	1704	...	4487
833	66 14 25.7	.262	.451	+ 0.010	...	...	...	1384	1708	552	...
834	124 49 52.8	.235	.289	...	...	+ 2.0	1326	...	1710	...	4501
835	39 59 25.3	.233	.561	+ 0.032	...	...	...	1381	...	549	...
836	68 15 43.1	.231	+ 0.447	+ 0.058	+ 1.8	...	...	1389	1713	554	...
837	4 46 40.5	.181	+ 2.122	- 0.026	...	...	...	...	...	...	...
838	149 0 43.9	.154	+ 0.149	...	...	+ 2.5	1347	...	1723	...	4526
839	74 50 28.9	.114	.430	...	...	...	...	...	...	...	...
840	134 44 6.5	- 10.104	+ 0.247	...	...	+ 1.1	...	1415	1729	...	4540

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875·0	Annual Precession 1875 0	Secular Variation 1875·0	Annual Proper Motion	Madras —			
										Grn. 1880	C.G.A.		
						h m s	s	s	s	s	s		
841	...	C.P.D. — 38°. 379	...	8·2	81·99	5	3 59 2·07	+ 2·1386	+ 0·0031	...	...	+ 0·03	
842	...	C.Z. III. 1819	...	8·0	82·07	5	3 59 4·72	+ 1·4843	+ 0·0089	...	...	...	
843	1270	Reticuli ...	...	γ	4·4	80·53	4	3 59 5·52	+ 0·8523	+ 0·0215	...	...	+ 0·01
844	1271	Reticuli ...	...	ι	4·8	79·69	5	3 59 16·81	+ 0·9498	+ 0·0190	...	...	— 0·08
845	1266	48 Persei ...	...	e	4·3	79·67	5	3 59 35·50	+ 4·3290	+ 0·0366	+ 0·0021	— 0·02	...
846	...	C.Z. IV. 10	...	...	8·0	65·63	5	4 0 14·52	+ 1·2324	+ 0·0131	...	...	— 0·03
847	...	C.P.D. — 41°. 431	...	...	9·0	81·98	5	4 0 24·08	+ 2·0423	+ 0·0036	...	...	...
848	...	C.G.A. 4581	...	...	7·8	82·05	5	4 0 29·19	+ 1·5186	+ 0·0085	...	...	— 0·16
849	...	Lalande 7655	...	...	8·0	75·99	5	4 1 4·42	+ 3·4811	+ 0·0139	...	...	...
850	...	C.P.D. — 37°. 475	...	...	6·9	82·02	5	4 3 4·69	+ 2·1803	+ 0·0032	...	...	+ 0·01
851	...	B.D. + 22°. 644	...	...	9·5	73·85	5	4 3 6·21	+ 3·5617	+ 0·0153	...	...	...
852	...	C.Z. IV. 103	...	...	8·2	65·64	5	4 3 7·12	+ 1·1441	+ 0·0144	...	...	— 0·05
853	...	C.P.D. — 49°. 502	...	...	7·2	79·07	5	4 3 19·82	+ 1·6827	+ 0·0064	...	...	+ 0·12
854	...	C.Z. IV. 125	...	...	9·0	66·46	6	4 3 56·45	+ 1·2601	+ 0·0290	...	...	...
855	...	B.D. + 21°. 604	...	...	9·3	68·56	5	4 4 2·76	+ 3·5335	+ 0·0147	...	...	...
856	...	Lalande 7764	...	...	8·1	65·29	7	4 4 5·40	+ 3·3922	+ 0·0121	...	...	...
857	1284	37 Eridani ...	...	...	5·8	68·75	4	4 4 16·77	+ 2·9234	+ 0·0058	— 0·0017	+ 0·10	+ 0·05
858	...	Anonymous	...	...	11·0	75·84	5	4 4 27·55	+ 3·5332	+ 0·0146	...	...	...
859	...	C.P.D. — 36°. 482	...	...	8·2	82·01	4	4 4 53·94	+ 2·1897	+ 0·0032	...	...	— 0·16
860	...	C.Z. IV. 158	...	...	8·2	66·63	5	4 5 11·66	+ 1·0862	+ 0·0165	...	...	+ 0·03
861	...	Anonymous	...	...	10·0	75·73	5	4 5 12·75	+ 3·5641	+ 0·0151	...	...	...
862	...	B.D. + 22°. 650	...	...	9·0	75·09	5	4 5 38·82	+ 3·5649	+ 0·0151	...	...	...
863	1287	51 Persei ...	...	...	4·2	79·03	4	4 5 43·45	+ 4·3803	+ 0·0362	— 0·0009	— 0·04	...
864	1290	38 Eridani ...	...	...	4·1	72·78	110	4 5 45·82	+ 2·9246	+ 0·0058	— 0·0005	0·00	— 0·06
865	1291	52 Persei ...	...	...	4·9	79·45	5	4 6 23·03	+ 4·0647	+ 0·0267	+ 0·0002	— 0·06	...
866	1299	Horologii ...	...	δ	4·8	78·71	6	4 6 38·28	+ 2·0007	+ 0·0039	+ 0·016	...	+ 0·20
867	...	C.Z. IV. 222	...	...	8·5	82·02	5	4 7 23·17	+ 0·9777	+ 0·0173	...	...	+ 0·01
868	1303	39 Eridani (Int)	...	...	4·9	79·83	5	4 8 26·85	+ 2·8517	+ 0·0052	— 0·0025	— 0·04	+ 0·50
869	1304	49 Tauri ...	...	...	4·3	79·08	5	4 8 44·89	+ 3·2506	+ 0·0095	— 0·0003	...	...
870	1301	Persei ...	...	...	4·6	79·60	5	4 8 50·95	+ 4·4811	+ 0·0385	...	— 0·08	...
871	...	W.B.N. IV. 145	...	...	9·0	82·04	5	4 9 23·38	+ 3·5755	+ 0·0149	...	...	...
872	...	C.Z. IV. 295	...	...	8·5	65·23	5	4 9 30·43	+ 1·0621	+ 0·0155	...	...	...
873	1309	40 Eridani ...	...	...	4·5	79·85	5	4 9 31·11	+ 2·9089	+ 0·0056	— 0·1442	+ 0·04	— 0·02
874	1315	Horologii ...	...	...	3·8	79·47	5	4 9 51·51	+ 1·9819	+ 0·0040	+ 0·0007	...	— 0·17
875	...	C.P.D. — 38°. 405	...	...	7·1	82·04	5	4 9 53·35	+ 2·1265	+ 0·0034	...	...	— 0·14

858.—Observed as T Tauri Var. 4

866.—P. M. Stone

No.	Mean Polar Distance 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
841	128 56 53·6	- 10·100	+ 0·273	...	...	+ 1·9	...	...	...	...	4544
842	143 57 59·1	·097	·191	...	...	...	...	...	...	...	1819
843	152 30 33·5	·096	·111	...	...	+ 2·9	1357	1417	1731	...	4515
844	151 25 46·7	·082	·124	...	...	- 0·1	1355	1419	1732	...	4550
845	42 37 24·8	·053	·531	+ 0·036	- 0·3	...	...	1405	...	557	...
846	147 48 15·5	- 10·009	·160	...	...	+ 2·0	1359	...	1739	...	4573
847	131 37 26·2	- 9·996	·202	...	...	...	...	...	...	...	15
848	143 16 16·2	·989	·196	...	...	- 2·3	1356	...	1743	...	4581
849	70 35 53·5	·946	·445	...	...	...	...	...	...	...	...
850	127 23 45·0	·793	·281	...	...	+ 0·0	1366	...	1757	...	4621
851	67 14 29·8	·792	·457	...	...	...	...	...	...	...	...
852	148 48 59·1	·790	·149	...	...	+ 2·7	1375	...	1756	...	4622
853	139 57 49·4	·774	·218	...	...	- 0·3	1371	1438	1759	...	4626
854	116 54 40·2	·727	·167	...	...	...	...	...	...	...	125
855	68 28 30·2	·719	·454	...	...	...	...	...	...	...	...
856	74 42 4·5	·715	·436	...	...	...	...	...	...	...	...
857	97 15 7·9	·702	·377	+ 0·018	+ 0·1	+ 1·3	...	1439	1766	567	4642
858	68 30 59·3	·687	·455	...	...	...	...	...	...	...	...
859	126 59 0·1	·654	·284	...	...	+ 3·5	...	...	...	...	4654
860	150 3 46·9	·631	·136	...	...	+ 3·1	...	...	...	...	4657
861	67 14 47·8	·629	·460	...	...	...	...	...	...	...	...
862	67 13 59·1	·597	·460	...	...	...	...	...	...	...	...
863	41 51 38·7	·590	·565	+ 0·027	+ 0·1	...	...	1444	...	564	...
864	97 9 54·4	·587	·379	- 0·089	- 0·8	- 0·5	...	1450	1774	568	4683
865	49 50 6·8	·540	·525	+ 0·025	+ 0·6	...	...	1448	...	565	...
866	132 19 15·6	·521	·261	0·00	...	+ 1·0	1382	1462	1780	...	4686
867	150 37 47·5	·462	·130	...	...	+ 2·3	...	...	...	...	4702
868	100 34 4·3	·380	·372	+ 0·160	- 1·5	- 0·2	...	1466	1789	574	4725
869	81 25 20·1	·357	·423	+ 0·012	...	...	...	1467	1783	573	...
870	40 0 52·0	·340	·582	...	+ 0·2	...	...	1464	...	...	...
871	66 53 25·8	·306	·466	...	...	...	...	...	...	...	...
872	149 29 28·0	·298	·141	...	...	...	...	...	...	...	295
873	97 50 55·3	·297	·380	+ 3·442	- 0·9	+ 0·7	...	1475	1801	578	4751
874	132 36 13·7	·271	·260	+ 0·226	...	+ 1·2	1308	1478	1802	...	4757
875	123 34 41·5	- 9·269	+ 0·279	...	...	+ 1·4	...	...	...	...	4758

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —			
										Grn. 1880	C.G.A.		
						h m s	s	s	s	s	s		
876	...	C.P.D. — 38°.406	...	9.0	82.01	5	4 9 56.25	+ 2.1245	+ 0.0034	...	...	...	
877	...	C.P.D. — 39°.414	...	8.5	65.80	5	4 10 9.68	+ 2.1019	+ 0.0035	...	...	+ 0.07	
878	1325	Brisbane 677	...	7.4	60.01	5	4 11 15.45	+ 1.1438	+ 0.0137	...	...	0.00	
879	1327	Brisbane 678	...	7.2	68.80	5	4 12 6.44	+ 2.1007	+ 0.0035	...	...	+ 0.01	
880	1326	52 Tauri	...	ϕ	79.04	5	4 12 40.12	+ 3.6813	+ 0.0164	- 0.0019	+ 0.07	...	
881	1328	54 Tauri	...	γ	81.03	61	4 12 40.87	+ 3.3991	+ 0.0115	+ 0.0069	+ 0.03	...	
882	...	C.G.A. 4810	...	7.2	66.77	5	4 12 43.93	+ 1.4520	+ 0.0088	[+ 0.085]	...	- 0.01	
883	1331	Doradus	...	γ	77.02	5	4 12 44.95	+ 1.5557	+ 0.0076	+ 0.0074	...	- 0.21	
884	1336	Reticuli	...	α	80.08	10	4 12 49.14	+ 0.7503	+ 0.0216	+ 0.0036	...	+ 0.11	
885	...	C.P.D. — 39°.418	...	8.2	68.86	9	4 12 51.89	+ 2.1005	+ 0.0035	...	...	0.00	
886	1333	41 Eridani	...	X	77.02	5	4 13 9.69	+ 2.2634	+ 0.0031	+ 0.0028	...	- 0.14	
887	...	C.Z. IV. 422	...	5.3	67.85	6	4 13 9.83	+ 0.7775	+ 0.0210	...	...	+ 0.07	
888	1344	Reticuli	...	ε	65.83	5	4 14 19.99	+ 1.0313	+ 0.0155	...	...	+ 0.24	
889	...	B.D. + 19°.704	...	8.7	65.76	5	4 14 26.00	+ 3.4885	+ 0.0128	...	...	...	
890	1345	C.Z. IV. 470	...	6.4	66.82	5	4 14 28.12	+ 0.8886	+ 0.0182	...	...	+ 0.13	
891	...	Tauri	...	U	Var. 69.74	10	4 14 32.12	+ 3.4969	+ 0.0129	...	...	...	
892	...	Tauri	...	T	Var. 71.44	10	4 14 42.19	+ 3.4905	+ 0.0128	...	...	...	
893	1348	C.P.D. — 44°.404	...	5.0	79.07	5	4 15 19.19	+ 1.8902	+ 0.0045	...	...	- 0.20	
894	...	C.P.D. — 44°.466	...	8.2	82.05	5	4 15 25.26	+ 1.8897	+ 0.0045	...	...	- 0.18	
895	...	C.P.D. — 39°.427	...	9.5	69.38	5	4 15 37.72	+ 2.0963	+ 0.0035	...	...	...	
896	1346	61 Tauri	...	δ	4.0	67.23	7	4 15 43.52	+ 3.4451	+ 0.0119	+ 0.0064	- 0.12	...
897	...	C.P.D. — 35°.465	...	9.5	81.96	5	4 15 56.86	+ 2.2188	+ 0.0033	...	...	...	
898	...	C.P.D. — 38°.417	...	9.0	65.86	5	4 16 3.14	+ 2.1115	+ 0.0035	...	...	...	
899	1358	Reticuli	...	θ	6.1	78.07	5	4 16 16.96	+ 0.6543	+ 0.0231	...	...	+ 0.20
900	1353	62 Tauri	...	...	6.2	67.49	4	4 16 27.61	+ 3.6080	+ 0.0146	- 0.0002	- 0.01	...
901	1356	64 Tauri	...	δ <sup>2</sup>	4.7	79.24	5	4 16 53.41	+ 3.4438	+ 0.0118	+ 0.0072	...	...
902	...	C.Z. IV. 550	...	8.0	74.20	10	4 16 57.56	+ 1.0645	+ 0.0145	...	...	+ 0.11	
903	1365	68 Tauri	...	δ <sup>3</sup>	4.2	79.40	5	4 18 15.51	+ 3.4561	+ 0.0118	+ 0.0065	+ 0.01	...
904	1368	Brisbane 697	...	6.7	79.44	5	4 18 32.59	+ 2.1997	+ 0.0034	...	...	- 0.09	
905	1367	69 Tauri	...	ν <sup>1</sup>	4.6	64.94	7	4 18 49.75	+ 3.5737	+ 0.0138	+ 0.0068	- 0.04	...
906	1372	43 Eridani	...	d	4.0	77.01	5	4 19 20.22	+ 2.2465	+ 0.0033	+ 0.0037	...	- 0.26
907	1370	73 Tauri	...	π	4.9	70.62	5	4 19 32.71	+ 3.3837	+ 0.0107	- 0.0008	...	...
908	1383	Reticuli	...	η	5.2	79.45	5	4 20 32.69	+ 0.6196	+ 0.0231	+ 0.0109	...	+ 0.20
909	...	C.P.D. — 44°.477	...	8.2	83.02	5	4 20 34.38	+ 1.8879	+ 0.0046	...	...	- 0.07	
910	1376	74 Tauri	...	ε	3.7	71.61	191	4 21 19.10	+ 3.4832	+ 0.0120	+ 0.0069	+ 0.01	...

No.	Mean Polar Distance 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Proper Motion	Madras -.		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
876	128 37 59·7	- 9·268	+ 0·279	...	...	...	...	...	...	...	308
877	129 17 11·4	·248	·276	...	...	+ 3·4	...	...	...	...	4765
878	148 20 20·5	·163	·152	...	...	+ 2·8	1413	1489	1808	...	4791
879	129 11 35·5	·096	·277	...	...	+ 2·1	1408	1491	1815	...	4804
880	62 57 2·5	·053	·483	+ 0·066	+ 1·4	...	...	1486	...	582	...
881	74 40 35·4	·051	·446	+ 0·020	+ 1·6	...	...	1487	1819	583	...
882	143 38 0·0	·040	·193	[- 0·55]	...	+ 0·2	1418	...	1816	...	4810
883	141 48 9·7	·046	·206	- 0·161	...	+ 0·6	1417	1496	1817	...	4811
884	152 47 15·3	·041	·102	- 0·017	...	+ 1·7	1423	1502	1818	...	4812
885	129 9 8·1	·037	·277	...	...	+ 2·3	...	...	...	...	4815
886	124 0 20·1	·014	·209	0·000	...	+ 3·6	1411	1495	1822	590	4821
887	152 30 24·4	- 9·013	·105	...	...	+ 3·3	1425	...	1820	...	4820
888	149 36 12·0	- 8·922	·139	...	...	+ 0·4	1428	1510	1828	...	4840
889	70 49 51·7	·914	·459	...	...	...	...	...	...	...	...
890	151 15 23·9	·912	·120	...	...	+ 2·2	1430	1513	1830	...	4845
891	70 29 2·4	·906	·400	...	...	...	...	...	...	...	...
892	70 45 50·9	·893	·400	...	...	...	...	...	...	...	...
893	134 34 5·9	·845	·251	...	...	+ 0·4	1424	1517	1840	...	4859
894	134 34 38·0	·837	·251	...	...	...	...	...	...	...	4863
895	129 6 13·7	·820	·279	...	...	...	...	...	...	...	506
896	72 45 9·7	·813	·455	+ 0·027	+ 0·3	...	...	1509	...	594	...
897	125 23 7·4	·797	·295	...	...	...	...	...	...	...	513
898	128 38 13·2	·787	·281	...	...	...	...	...	...	...	512
899	153 33 34·8	·769	·000	...	...	+ 4·3	1443	1530	1848	...	4880-1
900	65 59 34·1	·755	·477	+ 0·020	+ 0·5	...	...	1516	...	595	...
901	72 50 53·6	·722	·456	+ 0·020	...	...	...	1520	...	597	...
902	149 2 49·4	·716	·144	...	...	+ 1·0	...	...	...	...	4894
903	72 21 36·7	·613	·459	+ 0·025	+ 0·6	...	...	1531	...	601	...
904	125 50 14·2	·591	·294	...	...	+ 0·9	1438	1537	1863	...	4926
905	67 28 21·3	·568	·475	+ 0·034	+ 1·8	...	...	1533	...	604	...
906	124 18 31·2	·528	·300	- 0·050	...	+ 2·1	1441	1541	1866	...	4940
907	75 34 14·6	·512	·451	+ 0·023	...	...	...	1538	...	608	...
908	153 41 1·1	·432	·086	- 0·143	...	+ 1·8	1473	1558	1876	...	4962
909	134 18 30·8	·430	·254	...	...	+ 1·2	1452	1553	1878	...	4964
910	71 5 56·6	- 8·371	+ 0·466	+ 0·081	+ 0·2	...	...	1547	1884	609	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Grn. 1880	C.G.A.	
911	1380	77 Tauri ... ..	$\theta^1$	3.9	79.07	5	h m s 4 21 26.10	s + 3.4134	s + 0.0110	s + 0.0048	s + 0.07	...
912	...	Tauri ... ..	$R$	Var.	69.12	10	4 21 26.90	+ 3.2840	+ 0.0092	...	...	...
913	1381	78 Tauri ... ..	$\theta^2$	3.6	79.04	5	4 21 31.54	+ 3.4114	+ 0.0110	+ 0.0064	...	...
914	...	Brisbane 709 ... ..	...	8.5	81.97	5	4 22 0.50	+ 2.0916	+ 0.0036	...	...	- 0.10
915	...	B.D. + 19°. 729 ... ..	...	9.1	75.92	5	4 22 19.34	+ 3.5000	+ 0.0122	...	...	...
916	...	B.D. + 9°. 588 ... ..	...	9.5	70.33	9	4 22 38.37	+ 3.2773	+ 0.0090	...	...	...
917	...	B.D. + 9°. 589 ... ..	...	9.5	67.41	4	4 22 58.07	+ 3.2800	+ 0.0090	...	...	...
918	...	C.Z. IV. 771 ... ..	...	6.4	69.18	6	4 23 21.56	+ 0.8232	+ 0.0181	...	...	+ 0.25
919	...	C.Z. IV. 815 ... ..	...	7.8	82.08	5	4 24 27.07	+ 1.4091	+ 0.0088	...	...	+ 0.17
920	...	C.P.D. - 35°. 495 ... ..	...	9.5	82.01	5	4 24 52.86	+ 2.1975	+ 0.0083	...	...	...
921	...	C.Z. IV. 862 ... ..	...	7.2	65.25	5	4 25 42.70	+ 0.6593	+ 0.0212	...	...	+ 0.10
922	1411	Brisbane 726 ... ..	...	6.9	83.01	5	4 26 44.37	+ 1.9881	+ 0.0041	...	...	- 0.01
923	1409	86 Tauri .. ..	$\rho$	4.8	79.45	5	4 26 45.27	+ 3.3916	+ 0.0102	+ 0.0060	- 0.06	...
924	...	C.Z. IV. 912 ... ..	...	7.5	65.20	5	4 26 53.71	+ 1.1475	+ 0.0122	...	...	+ 0.20
925	1413	Cœli ... ..	$\delta$	5.3	78.06	5	4 27 0.68	+ 1.8342	+ 0.0048	- 0.0024	...	+ 0.26
926	...	C.Z. IV. 830 ... ..	...	9.5	69.59	5	4 27 23.01	+ 0.8955	+ 0.0162	...	...	...
927	...	C.P.D. - 36°. 547 ... ..	...	8.4	82.02	5	4 27 55.61	+ 2.1581	+ 0.0035	...	...	...
928	1419	47 Eridani ... ..	...	5.6	80.01	5	4 28 10.27	+ 2.8883	+ 0.0052	- 0.0043	...	- 0.23
929	1422	50 Eridani ... ..	$\nu^1$	4.4	79.40	5	4 28 36.30	+ 2.3603	+ 0.0033	- 0.0101	...	- 0.02
930	...	Brisbane 734 ... ..	...	8.0	82.01	5	4 28 39.75	+ 2.0904	+ 0.0036	...	...	- 0.11
931	1420	87 Tauri ( <i>Aldebaran</i> )	$\alpha$	1.0	71.19	151	4 28 44.93	+ 3.4315	+ 0.0105	+ 0.0036	- 0.01	...
932	...	C.P.D. - 50°. 603 ... ..	...	8.5	65.42	5	4 28 45.19	+ 1.5923	+ 0.0067	...	...	+ 0.09
933	1421	88 Tauri ... ..	$d$	4.6	79.66	5	4 28 47.20	+ 3.2874	+ 0.0088	+ 0.0011	...	...
934	1429	48 Eridani ... ..	$\nu$	4.1	77.07	5	4 30 4.48	+ 2.9943	+ 0.0058	- 0.0013	...	+ 0.02
935	1433	52 Eridani ... ..	$\nu^2$	3.8	77.07	5	4 30 41.54	+ 2.3343	+ 0.0033	- 0.0065	...	+ 0.09
936	1434	90 Tauri ... ..	$c^1$	4.3	79.85	5	4 31 10.14	+ 3.3411	+ 0.0093	+ 0.0056	- 0.14	...
937	1438	Doradus ... ..	$a$	3.5	80.06	10	4 31 17.77	+ 1.2840	+ 0.0099	+ 0.0041	...	- 0.05
938	1435	51 Eridani ... ..	$c$	5.3	79.67	5	4 31 18.69	+ 3.0133	+ 0.0060	+ 0.0026	- 0.01	- 0.01
939	...	C.P.D. - 52°. 534 ... ..	...	8.2	66.22	5	4 31 58.47	+ 1.4202	+ 0.0082	...	...	+ 0.13
940	...	Reticuli ... ..	$R$	Var.	67.43	10	4 32 15.21	+ 0.6078	+ 0.0210	...	...	...
941	...	C.Z. IV. 1084 ... ..	...	6.0	69.03	5	4 32 16.26	+ 0.6296	+ 0.0205	...	...	+ 0.35
942	...	C.P.D. - 45°. 487 ... ..	...	7.3	83.00	5	4 32 16.47	+ 1.8149	+ 0.0048	...	...	- 0.09
943	...	Comp. to Lacaille 1551... ..	...	9.8	72.39	5	4 32 20.81	+ 0.6290	+ 0.0205	...	...	...
944	1441	53 Eridani ... ..	$l$	3.9	77.09	5	4 32 27.23	+ 2.7502	+ 0.0042	- 0.0066	- 0.10	- 0.19
945	1442	93 Tauri ... ..	$c^2$	5.3	79.46	5	4 33 5.90	+ 3.3351	+ 0.0090	- 0.0008	+ 0.05	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras --		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
911	74 19 1.5	- 8.361	+ 0.456	+ 0.015	- 1.2	...	...	1551	...	612	...
912	80 7 5.3	.360	.439	...	...	...	...	...	...	...	...
913	74 24 31.4	.354	.456	+ 0.003	...	...	...	1552	...	613	...
914	128 52 11.2	.316	.282	...	...	+ 1.7	...	1561	1895	...	4993
915	70 38 9.4	.291	.469	...	...	...	...	...	...	...	...
916	80 26 33.1	.266	.439	...	...	...	...	...	...	...	...
917	80 19 43.0	.239	.440	...	...	...	...	...	...	...	...
918	151 31 20.3	.209	.113	...	...	+ 3.0	1496	1582	1902	...	5016
919	143 40 56.0	.121	.190	...	...	+ 0.6	1492	...	1914	...	5042
920	125 33 46.4	.087	.296	...	...	...	...	...	...	...	828
921	153 4 38.7	- 8.020	.091	...	...	+ 3.5	1519	...	1925	...	5070
922	131 26 37.3	- 7.937	.269	...	...	+ 1.6	1508	1595	1944	...	5101
923	75 25 13.0	.937	.457	+ 0.024	- 0.3	...	...	1590	...	627	...
924	147 27 31.8	.925	.157	...	...	+ 2.1	1520	...	1916	...	5105
925	135 13 24.0	.916	.249	+ 0.021	...	+ 0.7	1512	1596	1947	...	5106
926	150 32 32.6	.885	.123	...	...	...	...	...	...	...	930
927	126 36 28.3	.842	.293	...	...	...	...	...	...	...	...
928	98 29 38.3	.823	.391	- 0.008	...	- 2.4	...	1601	1955	634	5128
929	120 1 15.0	.787	.320	+ 0.259	...	+ 0.9	1513	1609	1950	636	5137
930	120 32 56.3	.782	.284	...	...	+ 3.7	1518	1610	1961	...	5139
931	78 44 39.3	.776	.464	+ 0.181	+ 0.9	...	...	1602	1962	630	...
932	140 12 50.7	.775	.217	...	...	+ 1.5	...	...	...	...	5140
933	80 5 51.4	.773	.445	+ 0.054	...	...	...	1604	1963	632	...
934	93 36 37.4	.669	.406	- 0.002	...	+ 2.0	...	1613	1979	637	5172
935	120 40 10.5	.619	.318	0.000	...	+ 0.8	1529	1620	1981	645	5187
936	77 44 30.3	.580	.454	+ 0.006	- 1.5	...	...	1619	...	639	...
937	145 18 14.3	.570	.176	+ 0.010	...	- 1.4	1539	1627	1983	...	5198
938	92 43 31.4	.569	.410	- 0.071	+ 0.6	+ 1.7	...	1622	1984	642	5199
939	142 58 12.1	.514	.196	...	...	+ 1.5	...	...	...	...	5213
940	153 17 20.1	.492	.085	...	...	...	...	...	...	...	...
941	153 4 53.1	.490	.088	...	...	+ 0.1	1551	...	1989	...	5223
942	135 23 30.4	.490	.249	...	...	+ 0.9	1538	...	1991	...	5224
943	153 5 0.4	.485	.088	...	...	...	...	...	...	...	7089
944	104 32 59.8	.477	.375	+ 0.162	- 0.3	+ 0.9	...	1630	1993	647	5226
945	78 2 56.3	- 7.423	+ 0.455	+ 0.022	- 3.7	...	...	1633	...	646	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0.	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -			
										Grn. 1880	C.G.A.		
946	...	W.B.N. IV. 696	...	8.7	65.01	11	4 33 15.77	+ 3.6142	+ 0.0127	...	...	...	
947	...	C.P.D. - 40°. 522	...	9.5	66.06	6	4 33 18.93	+ 2.0005	+ 0.0040	...	...	...	
948	...	C.Z. IV. 1134	...	9.0	68.79	5	4 33 46.80	+ 1.3048	+ 0.0096	...	...	...	
949	...	C.P.D. - 40°. 532	...	8.8	74.69	6	4 34 13.84	+ 1.9965	+ 0.0040	...	...	+ 0.08	
950	...	Paris 5354	...	8.7	70.18	5	4 34 14.02	+ 3.5874	+ 0.0122	...	...	...	
951	...	W.B.N. IV. 726	...	8.0	64.97	9	4 34 30.77	+ 3.6206	+ 0.0127	...	...	...	
952	...	C.P.D. - 40°. 535	...	9.0	73.80	5	4 34 34.03	+ 1.9950	+ 0.0040	...	...	...	
953	...	Anonymous	...	9.1	70.23	5	4 34 44.36	+ 1.2996	+ 0.0095	...	...	...	
954	...	C.Z. IV. 1167	...	9.5	70.79	5	4 34 44.39	+ 0.5819	+ 0.0209	...	...	...	
955	1449	94 Tauri	...	4.4	66.50	12	4 34 44.59	+ 3.5937	+ 0.0122	- 0.0008	- 0.04	..	
956	1451	54 Eridani	...	4.5	77.07	5	4 34 58.45	+ 2.6208	+ 0.0037	0.000	- 0.07	- 0.02	
957	...	Doradus	...	R	Var.	65.55	6	4 35 18.76	+ 0.6952	+ 0.0186	...	...	- 0.18
958	...	C.P.D. - 35°. 521	...	8.5	82.00	5	4 35 19.97	+ 2.1700	+ 0.0035	...	...	...	
959	1453	95 Tauri	...	6.8	67.59	5	4 35 39.78	+ 3.6238	+ 0.0125	- 0.0001	...	...	
960	...	W.B.E. IV. 755	...	7.8	82.03	5	4 35 54.14	+ 3.3967	+ 0.0095	...	...	...	
961	...	C.Z. IV. 1204	...	6.8	71.01	7	4 35 57.21	+ 1.0395	+ 0.0128	...	...	+ 0.12	
962	1455	Brisbane 756	...	6.7	82.07	5	4 35 58.54	+ 1.4794	+ 0.0074	...	...	- 0.12	
963	1458	Cæli	...	a	4.6	79.45	5	4 36 31.90	+ 1.9433	+ 0.0042	- 0.0146	...	- 0.16
964	...	B.D. + 14°. 743	...	9.2	82.10	5	4 36 59.16	+ 3.3913	+ 0.0094	...	...	...	
965	...	B.D. + 25°. 728	...	9.4	65.48	4	4 36 59.93	+ 3.6740	+ 0.0130	...	...	...	
966	...	Brisbane 761	...	6.9	65.63	5	4 37 8.25	+ 1.6447	+ 0.0059	...	...	+ 0.08	
967	...	Brisbane 765	...	7.5	65.25	5	4 37 25.98	+ 0.6562	+ 0.0189	...	...	+ 0.07	
968	1456	4 Camelopardi	...	5.4	79.47	5	4 37 35.74	+ 4.9654	+ 0.0409	+ 0.0050	...	...	
969	1464	Cæli	...	β	5.2	78.07	5	4 37 38.30	+ 2.1157	+ 0.0036	- 0.006	...	- 0.06
970	...	W.B.E. IV. 794	...	8.0	82.10	5	4 37 39.68	+ 3.3934	+ 0.0094	...	...	...	
971	1467	Brisbane 763	...	5.6	79.45	5	4 38 19.30	+ 2.3194	+ 0.0030	...	...	- 0.22	
972	1469	57 Eridani	...	μ	4.0	83.29	39	4 39 15.17	+ 2.9958	+ 0.0055	0.0000	+ 0.02	- 0.05
973	...	C.Z. IV. 1318	...	9.2	71.21	5	4 39 20.05	+ 0.5835	+ 0.0199	...	...	+ 0.25	
974	...	C.Z. IV. 1327	...	8.0	68.71	6	4 39 31.97	+ 0.6042	+ 0.0195	...	...	+ 0.28	
975	1473	Pictoris	...	λ	5.3	78.08	5	4 39 34.34	+ 1.5374	+ 0.0068	...	...	+ 0.04
976	...	C.P.D. - 52°. 560	...	8.5	68.64	5	4 39 37.35	+ 1.4419	+ 0.0076	...	...	...	
977	1472	Cæli	...	λ	6.5	79.07	5	4 39 37.75	+ 1.9692	+ 0.0040	...	...	- 0.03
978	...	C.P.D. - 38°. 499	...	9.5	64.64	5	4 39 52.96	+ 2.0574	+ 0.0037	...	...	..	
979	...	C.Z. IV. 1391	...	8.5	64.84	5	4 40 27.84	+ 0.7733	+ 0.0163	...	...	...	
980	...	C.P.D. - 37°. 570	...	9.0	68.97	5	4 41 9.52	+ 2.0989	+ 0.0036	...	...	...	

957.—Red

969.—P. M. Stone

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
946	66 26 8.1	- 7.411	+ 0.403	...	...	...	...	...	...	...	...
947	130 46 52.6	.406	.274	...	...	...	...	...	...	...	1121
948	144 52 28.9	.368	.180	...	...	...	...	...	...	...	1134
949	130 50 21.8	.331	.274	...	...	+ 1.5	...	...	...	...	5261
950	67 30 44.6	.331	.489	...	...	...	...	...	...	...	...
951	66 13 56.6	.309	.491	...	...	...	...	...	...	...	...
952	130 50 15.2	.303	.274	...	...	...	...	...	...	...	1161
953	144 51 30.4	.290	.180	...	...	...	...	...	...	...	...
954	153 25 31.4	.290	.082	...	...	...	...	...	...	...	1167
955	67 17 7.1	.289	.401	+ 0.015	+ 1.1	...	...	1644	2007	648	...
956	109 51 46.9	.272	.359	+ 0.086	- 0.4	+ 1.8	...	1646	2009	653	5272
957	152 19 27.8	.243	.097	...	...	+ 2.1	1567	...	2010	...	5276
958	125 53 27.0	.241	.298	...	...	...	...	...	...	...	1184
959	66 9 1.7	.215	.495	+ 0.014	...	...	...	1648	...	652	...
960	75 25 33.4	.195	.465	...	...	...	...	...	...	...	...
961	148 27 5.8	.191	.144	...	...	+ 1.4	1566	...	2012	...	5284
962	141 55 7.7	.188	.204	...	...	+ 2.2	1558	1654	2013	...	5285
963	132 6 13.5	.144	.208	+ 0.083	...	- 0.2	1556	1655	2017	...	5295
964	75 40 51.4	.106	.466	...	...	...	...	...	...	...	...
965	64 17 56.9	.106	.503	...	...	...	...	...	...	...	...
966	138 46 50.0	.094	.227	...	...	+ 0.6	1565	1663	2023	...	5306
967	152 37 25.0	.070	.092	...	...	+ 3.2	1582	...	2024	...	5308
968	33 28 3.8	.056	.681	+ 0.151	...	...	...	1651	...	649	...
969	127 23 25.1	.053	.292	- 0.20	...	+ 2.4	1559	1665	2028	...	5313
970	75 36 27.1	- 7.051	.466	...	...	...	...	...	...	...	...
971	120 59 57.4	- 6.997	.321	...	...	+ 0.6	1564	1669	2041	...	5328
972	93 29 8.3	.920	.413	+ 0.008	- 0.1	+ 0.5	...	1670	2047	657	5341
973	153 14 39.8	.913	.083	...	...	+ 5.5	...	...	...	...	5344
974	153 2 23.6	.897	.085	...	...	+ 2.1	...	...	...	...	5349
975	140 43 2.1	.894	.214	...	...	- 0.2	1585	1680	2050	...	5350
976	142 23 56.5	.890	.200	...	...	...	...	...	...	...	1330
977	131 17 54.7	.890	.273	...	...	+ 0.8	1578	1677	2052	...	5351
978	128 56 18.9	.868	.285	...	...	...	...	...	...	...	1340
979	151 19 39.6	.821	.109	...	...	...	...	...	...	...	1365
980	127 43 7.4	- 6.764	+ 0.291	...	...	...	...	...	...	...	1391

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
981	1474	9 Camelopardi ...	$\alpha$	4.4	80.08	5	4 41 38.30	+ 5.9182	+ 0.0033	- 0.0017	+ 0.17	...
982	1483	Caeli ...	$\zeta$	6.4	79.88	5	4 41 42.01	+ 2.0307	+ 0.0037	...	...	- 0.05
983	...	C.P.D. - 38°. 502 ...	...	7.6	65.05	5	4 42 0.26	+ 2.0757	+ 0.0036	...	...	- 0.04
984	1480	Doridás ...	$\kappa$	5.4	67.04	6	4 42 28.27	+ 0.8908	+ 0.0140	- 0.001	...	+ 0.15
985	...	C.P.D. - 36°. 583 ...	...	7.5	81.98	5	4 42 51.29	+ 2.1407	+ 0.0035	...	...	- 0.03
986	1483	1 Orionis ...	$\pi^1$	3.3	79.96	6	4 43 3.31	+ 3.2214	+ 0.0071	+ 0.0208	+ 0.05	...
987	...	C.P.D. - 40°. 573 ...	...	9.0	65.53	6	4 43 42.57	+ 1.9867	+ 0.0040	...	...	...
988	1491	2 Orionis ...	$\pi^2$	4.4	79.55	4	4 43 47.97	+ 3.2652	+ 0.0075	- 0.0009	0.00	...
989	...	C.Z. IV. 1477 ...	...	6.9	65.23	5	4 43 48.95	+ 0.5125	+ 0.0197	...	...	+ 0.18
990	1493	97 Tauri ...	$\epsilon$	5.1	68.32	6	4 44 3.89	+ 3.4883	+ 0.0039	+ 0.0047	+ 0.17	...
991	...	C.P.D. - 37°. 576 ...	...	8.5	68.43	5	4 44 14.41	+ 2.0965	+ 0.0036	...	...	...
992	1495	3 Orionis ...	$\pi^3$	4.0	79.71	5	4 44 33.03	+ 3.1916	+ 0.0067	- 0.0013	+ 0.13	...
993	...	Anonymous ...	$\delta$	3.1	82.03	5	4 44 33.91	+ 0.9287	+ 0.0133	...	...	...
994	...	Tauri ...	$\gamma$	Var.	75.04	10	4 44 48.47	+ 3.4670	+ 0.0095	...	...	...
995	1503	Brisbane 797 ...	...	6.8	82.03	5	4 45 8.85	+ 0.9346	+ 0.0131	...	...	- 0.01
996	...	C.P.D. - 41°. 575 ...	...	7.0	83.08	5	4 45 10.96	+ 1.9309	+ 0.0041	...	...	...
997	...	C.P.D. - 50°. 647 ...	...	7.4	65.05	5	4 45 16.19	+ 1.5624	+ 0.0063	...	...	+ 0.06
998	1500	4 Orionis ...	$\sigma^1$	5.4	79.51	5	4 45 27.70	+ 3.3891	+ 0.0086	- 0.0007	- 0.01	...
999	...	W.B.N. IV. 995 ...	...	8.0	64.94	10	4 45 46.55	+ 3.6357	+ 0.0114	...	...	...
1000	...	C.P.D. - 39°. 520 ...	...	8.8	65.04	5	4 45 51.19	+ 2.0312	+ 0.0037	...	...	+ 0.16
1001	...	Brisbane 804 ...	...	8.5	65.81	4	4 46 2.12	+ 0.5788	+ 0.0186	...	...	...
1002	1506	Caeli ...	$\nu$	5.9	79.71	5	4 46 12.32	+ 1.9187	+ 0.0041	...	...	- 0.16
1003	...	W.B.N. IV. 1018 ...	...	7.9	61.95	10	4 46 38.00	+ 3.6318	+ 0.0113	...	...	...
1004	1507	61 Eridani ...	$\omega$	4.2	79.70	5	4 46 45.25	+ 2.9463	+ 0.0050	- 0.0044	+ 0.01	+ 0.03
1005	...	C.Z. IV. 1616 ...	...	6.7	68.02	5	4 47 2.48	+ 0.8302	+ 0.0143	...	...	+ 0.23
1006	1504	7 Camelopardi ...	...	4.5	80.31	5	4 47 16.24	+ 4.7919	+ 0.0318	- 0.0021	...	...
1007	...	R.P.L. 37 ...	...	6.8	84.15	37	4 47 44.31	+ 20.3322	+ 1.5392	...	...	...
1008	1514	8 Orionis ...	$\pi^4$	3.9	80.14	5	4 47 44.50	+ 3.1218	+ 0.0061	- 0.0015	+ 0.04	...
1009	...	C.Z. IV. 1659 ...	...	7.2	61.85	5	4 48 6.55	+ 0.9515	+ 0.0124	...	...	+ 0.21
1010	1521	Pictoris ...	$\epsilon^1$	5.6	80.67	5	4 48 8.08	+ 1.3425	+ 0.0079	...	...	- 0.03
1011	1520	8 Anrigge ...	$\epsilon$	2.7	78.09	150	4 48 51.27	+ 3.8978	+ 0.0144	- 0.0001	+ 0.01	...
1012	1525	9 Orionis ...	$\sigma^2$	4.3	79.65	5	4 49 20.52	+ 3.3737	+ 0.0082	- 0.0059	- 0.12	...
1013	...	Eridani ...	$R$	Var.	81.00	10	4 49 41.77	+ 2.6917	+ 0.0038	...	...	- 0.10
1014	1527	99 Tauri ...	...	6.0	64.89	6	4 50 13.62	+ 3.6336	+ 0.0109	- 0.0013	...	...
1015	...	C.P.D. - 39°. 534 ...	...	7.0	65.23	5	4 50 21.92	+ 2.0284	+ 0.0035	...	...	+ 0.02

1000.—Double—observed star s. p.

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Capo 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
981	23 52 22.2	- 6.724	+ 0.816	0.000	- 1.0	...	...	1673	...	...	...
982	129 35 1.5	.719	.282	...	...	...	...	1594	1632	2068	5397
983	128 20 2.42	.694	.288	...	...	...	...	1598	...	2071	5406
984	149 57 47.5	.655	.126	- 0.04	...	...	...	1614	...	2075	5418
985	126 26 1.2	.624	.298	...	...	...	...	...	...	...	5429
986	83 15 32.1	.607	.447	- 0.016	- 1.0	...	...	1695	2082	663	...
987	130 40 0.9	.533	.277	...	...	...	...	...	...	...	1472
988	81 18 56.2	.516	.453	+ 0.031	- 2.8	...	...	1704	2086	667	...
989	153 27 21.1	.544	.077	...	...	...	...	1629	...	2084	5442
990	71 22 30.7	.524	.486	+ 0.034	+ 0.5	...	...	1705	...	666	...
991	127 39 12.5	.509	.292	...	...	...	...	...	...	...	1496
992	81 36 37.7	.484	.443	0.000	+ 0.4	...	...	1706	2093	670	...
993	149 26 53.9	.482	.131	...	...	...	...	...	...	...	...
994	72 40 35.6	.462	.482	...	...	...	...	...	...	...	...
995	149 21 28.9	.434	.132	...	...	...	...	1632	1722	2096	5475
996	131 48 14.8	.431	.271	...	...	...	...	...	...	...	...
997	140 0 38.2	.424	.219	...	...	...	...	1625	...	2100	5478
998	75 57 31.2	.408	.471	+ 0.050	- 0.4	...	...	...	1712	...	672
999	66 1 59.1	.482	.505	...	...	...	...	...	...	...	...
1000	129 23 53.1	.376	.284	...	...	...	...	...	...	...	5500
1001	153 2 53.1	.361	.083	...	...	...	...	...	...	2111	1579
1002	131 32 15.3	.346	.273	...	...	...	...	1626	1727	2114	5510
1003	66 12 29.6	.309	.505	...	...	...	...	...	...	...	...
1004	95 39 48.2	.301	.411	- 0.044	- 0.5	...	...	1725	2118	676	5518
1005	150 28 29.4	.277	.118	...	...	...	...	1649	...	2121	5529
1006	36 27 4.5	.258	+ 0.667	- 0.012	...	...	...	1719	...	669	...
1007	4 12 40.6	.219	+ 2.823	...	...	...	...	...	...	...	...
1008	87 45 57.4	.219	+ 0.436	- 0.007	+ 0.6	...	...	...	1732	2128	680
1009	149 0 53.0	.189	.135	...	...	...	...	1656	...	2129	5554
1010	143 40 29.5	.186	.189	...	...	...	...	1650	1745	2130	5555
1011	57 2 3.2	.126	.544	+ 0.016	+ 0.5	...	...	1739	2138	677	...
1012	76 41 6.9	.085	.472	+ 0.046	+ 1.2	...	...	1743	...	682	...
1013	106 37 17.3	.066	.377	...	...	...	...	...	...	...	5583
1014	66 14 57.2	.011	.508	+ 0.01	...	...	...	...	1749	...	684
1015	129 17 33.0	- 0.000	+ 0.285	...	...	...	...	1657	1761	2144	5603

No.	B.A.C.	Star's Name	Mag.	Mean Date 1900+	No. of Obs.	Mean R.A. 1875.0	Annual Proper Motion 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Gen. 1880	C.G.A.
						h m s	s	s	s	s	s
1016	1533	C.P.D. — 39° . 536 ...	5.8	68.34	6	4 50 43.73	+ 2.0077	+ 0.0038	...	...	— 0.02
1017	...	B.D. + 18° . 763 ...	9.1	76.92	5	4 50 45.70	+ 3.5082	+ 0.0093	...	...	...
1018	1530	4 Aurigæ ...	...	5.1	79.65	5	4 50 46.29	+ 4.0587	+ 0.0165	+ 0.0002	— 0.17
1019	...	B.D. + 7° . 767 ...	...	9.5	66.30	4	4 52 2.10	+ 3.2491	+ 0.0068	...	...
1020	...	Orionis ...	R	Var.	71.50	10	4 52 13.79	+ 3.2505	+ 0.0068	...	...
1021	1536	10 Camelopardi ...	β	4.2	79.69	5	4 52 18.45	+ 5.9107	+ 0.0419	— 0.0011	+ 0.26
1022	...	C.P.D. — 41° . 601 ...	...	9.5	82.04	5	4 52 22.83	+ 1.9276	+ 0.0040	...	...
1023	...	B.D. — 18° . 769 ...	...	9.0	76.94	5	4 52 23.29	+ 3.5032	+ 0.0090	...	...
1024	...	Brisbane 830 ...	...	7.2	66.42	5	4 52 23.42	+ 1.2701	+ 0.0084	...	0.00
1025	...	C.P.D. — 39° . 548 ...	...	9.0	66.63	5	4 52 41.09	+ 2.0120	+ 0.0038	...	...
1026	...	C.Z. IV. 1815 ...	...	8.5	68.61	5	4 52 49.68	+ 0.7995	+ 0.0139	...	+ 0.10
1027	1540	7 Aurigæ ...	ε	Var.	73.72	15	4 53 0.05	+ 4.2029	+ 0.0197	— 0.0010	...
1028	1541	8 Aurigæ ...	ζ	4.0	79.49	5	4 53 44.42	+ 4.1819	+ 0.0176	— 0.0007	— 0.15
1029	...	Leporis ...	κ	Var.	64.26	9	4 53 54.93	+ 2.7289	+ 0.0038	...	— 0.02
1030	1544	63 Eridani ...	...	5.7	79.50	5	4 53 55.53	+ 2.8358	+ 0.0043	+ 0.0009	+ 0.06
1031	...	Anonymous ...	...	8.1	67.24	5	4 53 55.90	+ 0.5571	+ 0.0172	...	...
1032	...	C.P.D. — 41° . 604 ...	...	8.5	82.02	5	4 54 0.56	+ 1.9283	+ 0.0010	...	...
1033	...	64 Eridani ...	δ	Var.	81.02	10	4 54 7.28	+ 2.7827	+ 0.0040	...	+ 0.01
1034	...	C.Z. IV. 1902 ...	...	7.0	65.44	5	4 55 2.20	+ 0.9968	+ 0.0111	...	— 0.01
1035	...	C.P.D. — 40° . 609 ...	...	8.6	82.06	4	4 55 13.92	+ 1.9925	+ 0.0038	...	...
1036	1546	11 Camelopardi ...	...	5.1	80.49	5	4 55 16.97	+ 5.1919	+ 0.0372	— 0.0011	...
1037	1552	65 Eridani ...	ψ	4.7	79.10	5	4 55 22.64	+ 2.9064	+ 0.0045	— 0.0022	— 0.11
1038	1551	102 Tauri ...	τ	4.7	64.63	5	4 55 37.50	+ 3.5759	+ 0.0095	+ 0.0039	— 0.03
1039	...	B.D. + 14° . 817 ...	...	9.0	82.04	4	4 55 56.84	+ 3.4066	+ 0.0079	...	...
1040	1553	Lalande 9506 ...	...	5.0	80.47	5	4 56 0.15	+ 2.5985	+ 0.0034	...	— 0.06
1041	...	C.P.D. — 41° . 610 ...	...	8.0	83.06	5	4 56 4.15	+ 1.9457	+ 0.0039	...	+ 0.03
1042	...	C.P.D. — 40° . 615 ...	...	9.5	64.47	5	4 56 18.33	+ 1.9828	+ 0.0038	...	...
1043	1554	9 Aurigæ ...	...	4.9	80.15	5	4 56 53.58	+ 4.6855	+ 0.0255	— 0.0023	...
1044	1559	Piazzi IV. 289 ...	...	5.0	79.67	5	4 57 4.74	+ 2.4319	+ 0.0032	+ 0.0005	— 0.10
1045	...	C.P.D. — 39° . 563 ...	...	7.8	66.06	5	4 57 13.44	+ 2.0262	+ 0.0036	...	+ 0.08
1046	1561	Brisbane 849 ...	...	6.0	65.85	5	4 57 24.95	+ 1.9959	+ 0.0038	...	+ 0.04
1047	1567	11 Orionis ...	...	4.7	69.25	5	4 57 25.72	+ 3.4227	+ 0.0079	— 0.0002	...
1048	1558	10 Aurigæ ...	η	3.3	80.47	5	4 57 45.18	+ 4.1943	+ 0.0168	+ 0.0016	+ 0.11
1049	...	C.P.D. — 39° . 566 ...	...	7.8	64.35	6	4 57 47.76	+ 2.0196	+ 0.0037	...	— 0.19
1050	...	Brisbane 856 ...	...	8.5	68.02	5	4 57 56.15	+ 0.9550	+ 0.0111	...	+ 0.29

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1016	229 49 51.1	- 5.970	+ 0.282	...	...	+ 0.5	1658	1764	2148	...	5610
1017	71 8 17.5	.967	.491	...	...	...	...	...	...	...	...
1018	52 18 3.4	.966	.568	+ 0.009	- 1.4	...	...	1752	...	683	...
1019	82 7 36.3	.860	.456	...	...	...	...	...	...	...	...
1020	82 3 43.9	.844	.456	...	...	...	...	...	...	...	...
1021	29 44 38.7	.837	.744	+ 0.018	+ 1.4	...	...	1759	...	681	...
1022	131 40 20.5	.832	.272	...	...	...	...	...	...	...	...
1023	71 22 51.3	.831	.492	...	...	...	...	...	...	...	...
1024	144 37 44.3	.822	.180	...	...	+ 0.3	1674	1780	2159	...	5647
1025	129 38 48.1	.806	.284	...	...	...	...	...	...	...	1806
1026	150 36 49.6	.795	.113	...	...	+ 2.9	...	...	...	...	5656
1027	46 21 51.1	.779	.602	+ 0.014	...	...	...	1769	...	690	...
1028	49 6 33.5	.716	.587	+ 0.018	+ 0.6	...	...	1773	...	...	...
1029	104 59 45.7	.703	.382	...	+ 1.1	- 0.4	...	...	...	...	5682
1030	100 26 52.7	.702	.399	+ 0.121	- 0.9	+ 0.9	...	1783	2170	697	5684
1031	152 59 41.8	.702	.080	...	...	...	...	...	...	...	...
1032	131 44 27.0	.687	.272	...	...	...	...	...	...	...	1867
1033	102 43 21.4	.685	.391	...	...	+ 0.3	...	1785	2172	...	5689
1034	118 15 55.6	.699	.141	...	...	+ 3.7	1696	1797	2180	...	5710
1035	130 3 45.5	.592	.281	...	...	...	...	...	...	...	...
1036	31 12 20.8	.588	.729	+ 0.012	...	...	...	1781	...	691	...
1037	97 21 32.0	.580	.509	- 0.021	- 1.2	- 0.2	...	1790	2182	701	5723
1038	68 35 27.9	.559	.564	+ 0.037	+ 1.1	...	...	1787	...	698	...
1039	75 24 57.7	.532	.489	...	...	...	...	...	...	...	...
1040	110 14 0.1	.528	.366	...	- 1.5	- 0.6	...	1796	2190	...	5736
1041	131 14 4.5	.522	.275	...	...	+ 1.8	1688	...	2191	...	5740
1042	130 16 41.0	.502	.289	...	...	...	...	...	...	...	1918
1043	38 34 17.8	.452	.660	+ 0.166	...	...	...	1793	...	696	...
1044	116 27 18.4	.437	.343	+ 0.10	- 1.5	+ 0.8	1686	1806	2197	...	5755
1045	129 6 12.3	.424	.286	...	...	+ 2.1	1697	...	2198	...	5760
1046	129 54 4.4	.408	.282	...	...	+ 1.2	1700	1811	2201	...	5764
1047	74 46 20.1	.407	.482	+ 0.031	...	...	...	1802	...	702	...
1048	48 56 14.6	.380	.591	+ 0.066	+ 1.2	...	...	1800	...	700	...
1049	129 15 34.4	.376	.286	...	...	+ 1.8	1705	...	2206	...	5770
1050	148 40 56.4	- 5.365	+ 0.136	...	...	+ 1.8	...	1814	2207	...	5772



No.	R.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
1051	...	C.P.D. - 41°. 615	..	8.0	82.00	5 4 58 56.96	+ 1.9195	+ 0.0086	...	...	+ 0.05
1052	1569	Pictoris ... ..	$\eta^1$	5.4	79.48	5 4 59 32.47	+ 1.5701	+ 0.0056	...	...	- 0.14
1053	1573	Caeli ... ..	$\gamma^1$	4.6	78.07	5 4 59 54.75	+ 2.1459	+ 0.0033	...	...	+ 0.07
1054	1574	Caeli ... ..	$\gamma^2$	7.1	78.07	5 4 59 58.48	+ 2.1381	+ 0.0034	...	...	+ 0.11
1055	1580	C.P.D. - 49°. 637	...	7.3	79.68	5 5 0 1.48	+ 1.5512	+ 0.0058	...	...	+ 0.24
1056	1568	104 Tauri ... ..	$m$	5.1	69.61	5 5 0 3.83	+ 3.5037	+ 0.0083	+ 0.0375	+ 0.05	...
1057	1575	2 Leporis ... ..	$\epsilon$	3.3	72.60	5 5 0 10.13	+ 2.5361	+ 0.0033	+ 0.0011	- 0.05	- 0.07
1058	...	C.P.D. - 45°. 558	...	8.0	60.06	5 5 0 19.28	+ 1.7631	+ 0.0046	...	...	+ 0.22
1059	1572	103 Tauri ... ..	...	5.5	66.52	5 5 0 29.57	+ 3.6503	+ 0.0097	- 0.0069	- 0.08	...
1060	...	R.P.L. 39	...	7.0	83.14	5 5 1 35.83	+ 19.7141	+ 1.1442	...	...	...
1061	1588	67 Eridani ... ..	$\beta$	2.9	79.58	5 5 1 42.27	+ 2.9533	+ 0.0015	- 0.0075	+ 0.02	0.00
1062	1589	Pictoris ... ..	$\eta^2$	4.9	79.49	5 5 1 43.74	+ 1.5438	+ 0.0057	+ 0.0027	...	- 0.04
1063	...	C.Z. V. 62	...	9.0	66.04	5 5 1 51.87	+ 0.6801	+ 0.0138	...	...	...
1064	...	19 Camolopardi (Hev.)	...	5.0	80.14	5 5 2 0.06	+ 9.7822	+ 0.2068	- 0.0358	+ 0.54	...
1065	1595	Brisbane 874	...	6.7	69.21	5 5 2 23.67	+ 1.2516	+ 0.0077	...	...	+ 0.07
1066	1591	15 Orionis ... ..	...	4.8	68.21	5 5 2 32.69	+ 3.4299	+ 0.0074	- 0.0013	+ 0.01	...
1067	...	C.Z. V. 104	...	8.0	66.38	5 5 3 3.31	+ 1.0805	+ 0.0093	...	...	+ 0.01
1068	1597	69 Eridani ... ..	$\lambda$	4.4	77.07	5 5 3 9.83	+ 2.8688	+ 0.0041	- 0.0013	- 0.03	- 0.09
1069	1600	Doradus ... ..	$\zeta$	4.7	79.33	5 5 3 22.32	+ 1.0260	+ 0.0098	- 0.0090	...	+ 0.09
1070	...	Brisbane 884	...	8.1	66.07	5 5 4 3.22	+ 0.3261	+ 0.0183	...	...	+ 0.22
1071	1606	Mense ... ..	$\beta$	5.2	78.08	5 5 4 20.79	- 0.8036	+ 0.0393	- 0.004	...	+ 0.37
1072	1602	11 Aurigae ... ..	$\mu$	4.9	79.68	5 5 4 52.53	+ 4.0989	+ 0.0139	- 0.0029	- 0.03	...
1073	...	C.P.D. - 45°. 572	...	9.5	68.87	5 5 4 53.49	+ 1.7481	+ 0.0045	...	...	...
1074	...	C.Z. V. 173	...	7.9	67.46	5 5 5 1.53	+ 0.8191	+ 0.0117	...	...	+ 0.28
1075	...	C.P.D. - 39°. 592	...	9.5	82.00	4 5 5 18.62	+ 2.0066	+ 0.0036	...	...	...
1076	1612	Doradus ... ..	$\mu$	Var.	77.00	5 5 5 52.96	+ 0.6309	+ 0.0136	...	...	- 0.14
1077	...	C.P.D. - 41°. 643	...	9.0	68.61	5 5 6 23.18	+ 1.9116	+ 0.0038	...	...	...
1078	1608	3 Leporis ... ..	$\epsilon$	4.7	79.50	5 5 6 27.86	+ 2.7953	+ 0.0038	+ 0.0002	- 0.20	- 0.16
1079	1611	17 Orionis ... ..	$\rho$	4.5	79.49	5 5 6 45.51	+ 3.1388	+ 0.0051	- 0.0013	+ 0.19	...
1080	...	B.D. + 53°. 880	...	9.0	68.15	5 5 7 7.76	+ 4.8270	+ 0.0239	...	...	...
1081	...	Aurigae ... ..	$\mathcal{I}$	Var.	71.40	5 5 7 12.50	+ 4.8275	+ 0.0239	...	...	...
1082	...	C.P.D. - 39°. 601	...	8.8	64.68	5 5 7 14.18	+ 2.0149	+ 0.0035	...	...	...
1083	1614	14 Aurigae (2nd)	...	5.2	80.14	5 5 7 16.02	+ 3.9028	+ 0.0111	- 0.0005	+ 0.03	...
1084	1616	5 Leporis ... ..	$\mu$	3.3	79.52	5 5 7 18.02	+ 2.6902	+ 0.0035	+ 0.0001	- 0.12	- 0.08
1085	1613	13 Aurigae (Capella)	$\alpha$	0.2	74.18	5 5 7 27.33	+ 4.4142	+ 0.0173	+ 0.0070	- 0.04	...

No.	Mean Polar Distance 1875'0	Annual Procession 1875'0	Secular Variation 1875'0	Proper Motion	Madras —		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1051	131 47 11.5	- 5.279	+ 0.273	...	...	+ 2.6	...	1815	...	...	5789
1052	139 10 43.1	.229	.223	...	...	- 1.2	1717	1826	2216	...	5798
1053	125 39 20.1	.198	.304	...	...	- 0.1	1712	1824	2221	...	5807
1054	125 52 50.0	.193	.303	...	...	+ 0.5	1713	1827	2223	...	5810
1055	130 40 4.1	.188	.221	...	...	- 2.9	1720	1836	2222	...	5811
1056	71 31 30.1	.185	.495	- 0.022	+ 0.5	...	...	1816	...	705	...
1057	112 32 25.7	.176	.359	+ 0.071	- 0.8	+ 0.4	...	1825	2225	713	5816
1058	135 22 57.8	.163	.250	...	...	+ 0.8	...	...	2227	...	5819
1059	65 54 9.7	.149	+ 0.516	0.00	+ 1.6	...	...	1819	...	706	...
1060	4 23 43.1	.055	+ 2.785	...	...	...	...	...	...	...	...
1061	95 15 0.8	.046	+ 0.419	+ 0.075	+ 1.1	+ 1.0	...	1830	2234	715	5848
1062	139 44 50.9	.044	.220	+ 0.007	...	- 2.2	1728	...	2232	...	5850
1063	151 35 13.5	.032	+ 0.098	...	...	...	...	...	...	...	62
1064	10 55 6.5	- 5.021	+ 1.383	- 0.144	+ 0.5	...	...	1807	...	...	...
1065	144 34 36.6	- 4.988	+ 0.179	...	...	- 0.6	1732	1852	2230	...	5866
1066	74 33 52.5	.975	.486	- 0.008	+ 0.8	...	...	1842	...	714	...
1067	146 56 50.0	.932	.155	...	...	+ 0.7	1739	...	2245	...	5886
1068	98 54 58.4	.922	.408	- 0.002	+ 0.2	+ 1.3	...	1850	2218	720	5888
1069	147 38 39.0	.905	.147	- 0.109	...	+ 0.2	1744	1858	2240	...	5893
1070	164 42 48.6	.847	+ 0.048	...	...	+ 1.7	1756	...	2252	...	5907
1071	161 29 8.6	.822	- 0.112	- 0.04	...	+ 4.0	1778	...	2253	...	5919
1072	51 39 57.4	.777	+ 0.583	+ 0.069	- 1.1	...	...	1854	...	719	...
1073	135 33 46.8	.776	.250	...	...	...	...	...	...	...	...
1074	150 2 30.3	.764	.118	...	...	+ 1.5	1757	...	2250	...	5935
1075	129 21 49.0	.740	.286	...	...	...	...	...	...	...	183
1076	151 58 0.8	.692	.091	...	...	+ 1.9	1766	...	2265	...	5952
1077	131 44 52.0	.648	.273	...	...	...	...	...	...	...	204
1078	102 1 15.9	.642	.399	+ 0.002	- 0.6	+ 1.0	...	1867	2275	727	5968
1079	87 17 21.9	.617	.447	+ 0.001	- 0.8	...	...	1869	2278	725	...
1080	36 33 49.4	.586	.087	...	...	...	...	...	...	...	...
1081	36 33 25.3	.579	.687	...	...	...	...	...	...	...	...
1082	129 5 13.6	.576	.288	...	...	...	...	...	...	...	204
1083	57 27 34.6	.574	.556	- 0.013	0.0	...	...	1868	...	723	...
1084	106 21 17.2	.570	.384	+ 0.016	- 1.3	- 0.1	...	1875	2282	732	5984
1085	44 7 54.1	- 4.558	+ 0.629	+ 0.429	- 0.5	...	...	1866	...	722	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1860+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
1086	1617	4 Leporis ...	$\kappa$	4.6	79.53	5	5 7 27.74	+ 2.7694	+ 0.0036	- 0.0023	...	+ 0.13
1087	1623	19 Orionis ( <i>Rigel</i> ) ...	$\beta$	0.3	73.29	85	5 8 31.81	+ 2.8809	+ 0.0040	- 0.0011	- 0.05	- 0.04
1088	...	C.Z. V. 314 ...	...	8.8	67.05	5	5 8 37.83	+ 0.7507	+ 0.0117	...	...	...
1089	1631	15 Aurigæ ...	$\lambda$	5.0	79.32	5	5 10 21.09	+ 4.1673	+ 0.0133	+ 0.0447	+ 0.12	...
1090	...	C.Z. V. 388 ...	...	9.5	77.06	5	5 10 52.51	+ 0.5058	+ 0.0131	...	...	...
1091	...	C.P.D. - 31°. 739 ...	...	8.5	67.80	5	5 10 55.90	+ 2.2775	+ 0.0030	...	...	...
1092	...	C.P.D. - 39°. 623 ...	...	9.5	66.03	7	5 11 17.65	+ 1.9836	+ 0.0036	...	...	...
1093	1638	20 Orionis ...	$\tau$	3.6	77.07	5	5 11 32.29	+ 2.9122	+ 0.0040	- 0.0022	+ 0.13	+ 0.03
1094	1637	109 Tauri ...	$\eta$	5.2	69.28	4	5 11 46.04	+ 3.5996	+ 0.0078	+ 0.0011	- 0.02	...
1095	...	C.P.D. - 39°. 626 ...	...	9.6	66.31	4	5 12 19.18	+ 1.9836	+ 0.0036	...	...	...
1096	...	C.P.D. - 38°. 598 ...	...	8.5	82.00	5	5 12 33.51	+ 2.0195	+ 0.0035	...	...	...
1097	1650	Columbæ ...	$\sigma$	5.0	78.08	5	5 12 58.63	+ 2.1556	+ 0.0032	+ 0.0060	...	- 0.05
1098	...	C.P.D. - 36°. 630 ...	...	9.0	64.45	5	5 13 13.60	+ 1.9870	+ 0.0035	...	...	...
1099	...	C.P.D. - 47°. 555 ...	...	9.0	65.47	5	5 13 13.95	+ 1.6651	+ 0.0046	...	...	...
1100	...	B.D. + 14°. 881 ...	...	7.9	71.89	5	5 13 27.69	+ 3.4213	+ 0.0063	...	...	...
1101	...	C.Z. V. 489 ...	...	8.0	65.33	4	5 13 30.22	+ 0.4246	+ 0.0144	...	...	- 0.11
1102	1653	6 Leporis ...	$\lambda$	4.3	79.14	5	5 13 49.06	+ 2.7624	+ 0.0034	- 0.0014	- 0.01	+ 0.01
1103	1659	Duradûs ...	$\theta$	4.8	78.08	5	5 13 51.69	- 0.0634	+ 0.0206	- 0.0005	...	+ 0.21
1104	1654	7 Leporis ...	$\nu$	5.2	79.48	5	5 14 10.99	+ 2.7830	+ 0.0034	- 0.0019	...	- 0.10
1105	...	B.D. + 14°. 888 ...	...	9.0	67.86	5	5 14 13.82	+ 3.4189	+ 0.0063	...	...	...
1106	...	C.Z. V. 541 ...	...	8.0	65.88	5	5 14 55.32	+ 0.4452	+ 0.0136	...	...	+ 0.28
1107	...	B.D. + 14°. 889 ...	...	9.0	72.09	5	5 15 1.69	+ 3.4212	+ 0.0062	...	...	...
1108	...	C.P.D. - 31°. 702 ...	...	8.8	67.67	5	5 15 19.57	+ 2.2748	+ 0.0030	...	...	...
1109	1660	22 Orionis ...	$\sigma$	4.6	79.32	5	5 15 23.08	+ 3.0006	+ 0.0043	- 0.0009	+ 0.23	+ 0.08
1110	...	C.P.D. - 51°. 687 ...	...	7.2	65.66	5	5 15 58.35	+ 1.4100	+ 0.0057	...	...	+ 0.08
1111	1665	23 Orionis ...	$m$	5.0	79.68	5	5 16 16.02	+ 3.1507	+ 0.0046	- 0.0014	...	...
1112	1672	Pictoris ...	$\zeta$	5.6	78.09	5	5 16 18.17	+ 1.4600	+ 0.0053	+ 0.0012	...	- 0.12
1113	...	C.P.D. - 41°. 685 ...	...	9.1	67.09	5	5 16 27.59	+ 1.8987	+ 0.0037	...	...	...
1114	...	C.P.D. - 39°. 646 ...	...	7.2	66.29	4	5 17 16.83	+ 1.9845	+ 0.0034	...	...	- 0.04
1115	1678	Lalande 10124 ...	...	6.9	80.09	5	5 17 30.08	+ 3.0496	+ 0.0042	- 0.0060	...	+ 0.12
1116	...	C.Z. V. 627 ...	...	7.5	66.07	5	5 17 43.18	+ 0.4804	+ 0.0128	...	...	+ 0.06
1117	1680	29 Orionis ...	$\epsilon$	4.3	79.68	5	5 17 55.54	+ 2.8892	+ 0.0037	- 0.0011	+ 0.04	- 0.09
1118	1682	27 Orionis ...	$\varphi$	5.2	81.05	5	5 18 7.65	+ 3.0490	+ 0.0041	- 0.0014	...	- 0.01
1119	1684	28 Orionis ...	$\eta$	3.5	79.52	5	5 18 11.59	+ 3.0145	+ 0.0040	- 0.0008	+ 0.09	- 0.03
1120	1681	112 Tauri ...	$\beta$	1.9	72.96	151	5 18 23.42	+ 3.7862	+ 0.0082	+ 0.0012	- 0.02	...

1118.—Very red

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Answers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
	o ' "	"	"	"	"	"					
1086	103 5 27-0	- 4 557	+ 0 395	+ 0 008	...	+ 0 3	...	1877	2283	730	5987
1087	98 20 52 0	466	412	- 0 007	- 0 3	+ 0 8	...	1879	2292	736	6004
1088	150 35 32-3	458	110	...	...	...	...	...	...	...	314
1089	50 0 52-5	310	595	+ 0 656	+ 0 4	...	...	1885	...	781	...
1090	152 11 15-5	266	087	...	...	...	...	...	...	...	388
1091	121 18 49-9	261	326	...	...	...	...	...	...	...	391
1092	120 47 44-6	231	285	...	...	...	...	...	...	...	...
1093	96 58 51-7	209	417	- 0 012	- 1 4	- 1 4	...	1901	...	742	6066
1094	68 2 7-1	189	515	+ 0 082	+ 0 1	...	...	1898	...	741	...
1095	120 46 2-8	142	285	...	...	...	...	...	...	...	...
1096	128 40 5-3	123	290	...	...	...	...	...	...	...	452
1097	125 1 8-5	086	310	+ 0 337	...	- 0 2	1703	1918	2335	...	6098
1098	120 39 21-8	064	286	...	...	...	...	...	...	...	476
1099	137 4 0-9	064	239	...	...	...	...	...	...	...	477
1100	75 4 13-4	044	491	...	...	...	...	...	...	...	...
1101	153 40 58-0	041	062	...	...	+ 0 4	...	...	...	...	6111
1102	103 18 29-2	014	+ 0 397	+ 0 004	- 1 0	+ 0 7	...	1921	2343	748	6117
1103	157 19 35-2	- 4 010	- 0 007	- 0 036	...	+ 1 2	1823	...	2341	...	6119
1104	102 26 43-7	- 3 982	+ 0 400	- 0 024	...	- 0 2	...	1922	2345	749	6124
1105	75 11 1-5	979	490	...	...	...	...	...	...	...	...
1106	153 28 37-2	919	065	...	...	+ 1 4	...	...	...	...	6138
1107	75 5 45-1	910	491	...	...	...	...	...	...	...	...
1108	121 17 55-3	885	328	...	...	...	...	...	...	...	550
1109	90 30 28-7	879	440	- 0 009	+ 0 8	+ 0 5	...	1930	2352	751	6147
1110	141 42 30-4	829	204	...	...	+ 0 7	1822	...	2356	...	6160
1111	86 34 42-2	803	453	+ 0 002	...	...	...	1936	2358	753	...
1112	140 44 27-3	801	212	- 0 200	...	- 1 5	1825	1946	2357	...	6167
1113	131 47 37-7	788	274	...	...	...	...	...	...	...	...
1114	129 37 22-3	712	286	...	...	+ 2 6	1824	...	2366	...	6194
1115	90 59 9-7	698	439	+ 0 02	...	+ 1 9	...	...	2367	757	6199
1116	153 6 40-5	678	070	...	...	+ 2 0	...	...	2368	...	6208
1117	97 55 27-7	661	416	+ 0 025	- 1 2	- 0 2	...	1954	2373	764	6211
1118	91 0 48-8	644	489	- 0 186	...	+ 1 5	...	1955	2377	762	6215
1119	92 30 51-6	638	434	- 0 011	+ 1 9	- 0 3	...	1956	2378	765	6217
1120	61 31 2-8	- 3 621	+ 0 545	+ 0 160	+ 1 3	...	...	1949	2382	766	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
1121	1687	24 Orionis ( <i>Bellatrix</i> )	$\gamma$	1.9	79.53	10	5 18 25.55	+ 3.2150	+ 0.0048	- 0.0017	...	...
1122	...	C.P.D. - 31°. 783	...	9.2	69.42	5	5 18 43.34	+ 2.2671	+ 0.0030	...	...	...
1123	...	C.Z. V. 683	...	7.5	67.67	5	5 18 59.08	+ 0.7083	+ 0.0104	...	...	+ 0.17
1124	...	C.P.D. - 39°. 651	...	9.0	66.43	5	5 19 4.58	+ 1.9700	+ 0.0034	...	...	...
1125	...	C.Z. V. 695	...	8.5	68.84	5	5 19 15.22	+ 0.9477	+ 0.0084	...	...	...
1126	1693	Piazzi V. 95	...	5.7	69.85	5	5 19 16.53	+ 1.9760	+ 0.0034	...	...	- 0.09
1127	1690	24 Aurigæ	$\phi$	5.3	79.70	5	5 19 21.70	+ 3.9722	+ 0.0095	- 0.0015	...	...
1128	1692	115 Tauri	...	5.4	71.61	5	5 19 52.64	+ 3.4963	+ 0.0061	- 0.0011	...	...
1129	1704	Pictoris	$\kappa$	6.4	78.09	5	5 20 4.15	+ 1.1014	+ 0.0071	...	...	+ 0.06
1130	...	C.P.D. - 39°. 656	...	9.9	72.04	5	5 20 6.15	+ 1.9780	+ 0.0034	...	...	...
1131	...	C.P.D. - 41°. 697	...	9.4	69.28	5	5 20 6.61	+ 1.9255	+ 0.0035	...	...	...
1132	1695	114 Tauri	$\theta$	4.8	70.22	5	5 20 7.61	+ 3.5997	+ 0.0068	- 0.0011	- 0.06	...
1133	1700	30 Orionis	$\psi^2$	4.7	79.14	5	5 20 17.34	+ 3.1409	+ 0.0044	- 0.0010	...	...
1134	1712	Pictoris ( <i>2nd</i> )	$\theta$	6.3	78.11	5	5 21 56.19	+ 1.3584	+ 0.0035	...	...	- 0.04
1135	...	C.P.D. - 47°. 582	...	8.5	68.26	5	5 21 56.85	+ 1.6481	+ 0.0042	...	...	+ 0.07
1136	1662	Groombridge 944 ( <i>R.P.L. 40</i> )	$\phi$	6.4	78.14	63	5 22 8.82	+ 18.5390	+ 0.0340	...	+ 0.12	...
1137	...	Anonymous	...	10.2	66.07	5	5 22 24.68	+ 3.8439	+ 0.0081	...	...	...
1138	...	C.Z. V. 819	...	7.8	65.87	5	5 22 40.81	+ 0.5172	+ 0.0113	...	...	+ 0.16
1139	...	Orionis	$\delta$	Var.	76.03	10	5 22 50.30	+ 2.9605	+ 0.0036	...	...	- 0.12
1140	1715	9 Leporis	$\beta$	3.0	76.99	5	5 22 53.24	+ 2.5694	+ 0.0030	- 0.0010	- 0.15	- 0.16
1141	1706	Groombridge 966	...	6.4	80.13	5	5 23 1.52	+ 7.9820	+ 0.0766	- 0.0041	+ 0.31	...
1142	1717	31 Orionis	...	Var.	80.25	10	5 23 23.25	+ 3.0447	+ 0.0038	- 0.0017	...	+ 0.04
1143	...	C.Z. V. 847	...	9.0	65.88	5	5 23 37.39	+ 0.6896	+ 0.0008	...	...	...
1144	1722	32 Orionis	$\lambda$	4.3	79.32	5	5 24 5.64	+ 3.2075	+ 0.0043	- 0.0008	...	...
1145	1729	Doradus	$\lambda$	5.0	66.84	5	5 24 30.00	+ 0.8722	+ 0.0081	...	...	+ 0.06
1146	1723	25 Aurigæ	$\chi$	5.0	79.51	5	5 24 35.52	+ 3.9008	+ 0.0077	- 0.0008	- 0.02	...
1147	1726	119 Tauri	...	4.6	69.96	5	5 24 53.12	+ 3.5143	+ 0.0057	- 0.0003	+ 0.05	...
1148	...	C.P.D. - 40°. 727	...	9.0	66.89	5	5 25 32.91	+ 1.9401	+ 0.0034	...	...	...
1149	...	C.Z. V. 912	...	8.0	68.88	5	5 25 36.89	+ 0.1245	+ 0.0143	...	...	+ 0.16
1150	1730	34 Orionis	$\delta$	Var.	73.97	99	5 25 37.24	+ 3.0631	+ 0.0038	- 0.0014	+ 0.03	- 0.05
1151	1732	10 Leporis	...	5.4	79.48	5	5 25 46.70	+ 2.5658	+ 0.0029	- 0.0011	+ 0.05	0.00
1152	1731	36 Orionis	$\nu$	4.7	79.67	5	5 25 53.01	+ 2.9006	+ 0.0034	- 0.0002	...	- 0.06
1153	...	C.P.D. - 31°. 824	...	9.2	69.88	5	5 26 30.43	+ 2.2648	+ 0.0028	...	...	...
1154	...	R.P.L. 41	...	7.6	82.82	20	5 26 41.99	+ 18.9729	+ 0.5734	...	...	...
1155	1739	Columbæ	$\epsilon$	3.8	77.01	5	5 26 46.20	+ 2.1264	+ 0.0030	+ 0.0019	...	- 0.31

No.	Mean Polar Distance 18750	Annual Precession 18750	Secular Variation 18750	Proper Motion	Madras—		Lacaille	Taylor	Capo 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1121	83 45 50.0	- 3.618	+ 0.063	+ 0.014	...	...	...	1959	2381	761	...
1122	121 28 16.8	.533	.327	...	...	...	...	...	...	...	...
1123	150 54 11.7	.570	.103	...	...	+ 3.3	1851	1984	2355	...	6237
1124	129 57 22.9	.561	.285	...	...	...	...	...	...	...	691
1125	148 13 40.0	.546	.138	...	...	...	...	...	2389	...	695
1126	129 47 44.7	.545	.286	...	...	+ 0.8	1834	1973	2390	...	6246
1127	55 37 58.0	.537	.572	+ 0.013	...	...	...	1966	...	758	...
1128	72 8 51.4	.493	.504	+ 0.003	...	...	...	1970	...	767	...
1129	146 15 8.2	.477	.159	...	...	- 1.1	1853	...	2397	...	6268
1130	129 43 32.2	.473	.285	...	...	...	...	...	...	...	...
1131	131 3 16.6	.473	.279	...	...	...	...	...	...	...	...
1132	68 10 21.1	.471	.519	- 0.006	+ 1.3	...	...	1971	...	768	...
1133	87 0 53.1	.457	.452	+ 0.006	...	...	...	1978	2402	773	...
1134	142 25 33.1	.315	.196	...	...	- 0.9	1863	...	2417	...	6313
1135	137 12 16.4	.314	+ 0.238	...	...	+ 1.2	1854	...	2418	...	6314
1136	4 52 25.4	.297	+ 2.669	...	+ 1.1	...	...	...	...	...	...
1137	59 40 23.7	.275	+ 0.554	...	...	...	...	...	...	...	...
1138	152 41 30.2	.251	.075	...	...	+ 1.5	...	...	...	...	6337
1139	94 47 42.9	.237	.427	...	...	+ 0.7	...	...	...	...	6342
1140	110 51 36.5	.234	+ 0.371	+ 0.085	- 0.2	- 0.2	...	2002	2428	781	6344
1141	15 2 38.1	.222	+ 1.150	- 0.069	+ 0.4	...	...	...	...	...	...
1142	91 11 31.5	.190	+ 0.439	+ 0.017	...	+ 1.6	...	2006	2436	779	6359
1143	151 12 51.5	.170	.097	...	...	...	...	...	...	...	847
1144	84 8 54.9	.129	.463	+ 0.029	...	...	...	2010	2444	780	...
1145	149 1 9.3	.094	.127	...	...	+ 3.2	1885	...	2446	...	6387
1146	57 54 9.4	.086	.563	0.000	- 0.8	...	...	2011	...	776	...
1147	71 30 4.1	.061	.507	+ 0.002	+ 0.6	...	...	2016	...	783	...
1148	130 34 49.5	- 3.003	.281	...	...	...	...	...	...	...	809
1149	155 50 45.7	- 2.997	.019	...	...	+ 2.9	...	...	...	...	6400
1150	90 23 36.8	.997	.443	- 0.007	0.0	+ 0.5	...	2021	2454	787	6401
1151	110 57 27.3	.982	.371	+ 0.040	- 1.8	- 1.1	...	2025	2455	791	6404
1152	97 23 42.5	.974	.419	+ 0.006	...	- 1.0	...	2024	2458	789	6407
1153	121 23 52.5	.921	+ 0.328	...	...	...	...	...	...	...	848
1154	4 45 21.6	.906	+ 2.712	...	...	...	...	...	...	...	...
1155	125 33 49.1	- 2.898	+ 0.308	+ 0.048	...	+ 1.6	1883	2032	2462	...	6427

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	MAGRUS —	
										Gen. 1880	C.G.A.
1156	1741	11 Leporis ... ..	$\alpha$ 2.7	73.11	63	5 27 13.03	+ 2.6444	+ 0.0029	- 0.0008	- 0.01	- 0.06
1157	1748	37 Orionis ... ..	$\phi^1$ 4.4	78.05	5	5 27 57.48	+ 3.2914	+ 0.0043	- 0.0014	+ 0.01	...
1158	...	Brisbane 982 ... ..	8.2	68.28	5	5 28 7.97	+ 0.5906	+ 0.0096	...	...	+ 0.06
1159	1749	30 Orionis ( <i>1st</i> ) ...	$\lambda$ 3.5	73.00	5	5 28 15.11	+ 3.3021	+ 0.0044	- 0.0015	- 0.16	...
1160	...	C.P.D. - 38°. 653 ...	5.3	79.34	5	5 28 38.82	+ 2.0148	+ 0.0031	...	...	- 0.02
1161	...	B.D. - 6°. 1231 ...	9.0	81.07	5	5 28 42.48	+ 2.9309	+ 0.0034	...	...	...
1162	...	Orionis ... ..	<i>T</i> Var.	81.06	10	5 28 54.47	+ 2.9308	+ 0.0034	...	...	- 0.04
1163	1750	42 Orionis ... ..	$\sigma$ 4.6	79.35	5	5 29 13.17	+ 2.9581	+ 0.0033	- 0.0013	+ 0.02	- 0.07
1164	1762	44 Orionis ( <i>1st</i> ) ...	$\iota$ 3.0	77.02	5	5 29 18.91	+ 2.9331	+ 0.0034	- 0.0011	- 0.22	- 0.21
1165	1770	Brisbane 988 ... ..	6.6	80.14	5	5 29 30.88	+ 0.3528	+ 0.0111	+ 0.003	...	- 0.05
1166	...	Lalande 10532 ... ..	8.3	66.68	5	5 29 46.35	+ 3.3180	+ 0.0045	...	...	...
1167	1765	46 Orionis ... ..	$\epsilon$ 1.8	74.57	111	5 29 52.21	+ 3.0425	+ 0.0035	- 0.0013	- 0.03	- 0.08
1168	1766	40 Orionis ... ..	$\phi^2$ 4.4	78.10	5	5 30 2.22	+ 3.2874	+ 0.0042	+ 0.0040	...	...
1169	...	C.P.D. - 45°. 639 ...	9.5	66.80	5	5 30 4.41	+ 1.7300	+ 0.0037	...	...	...
1170	1767	123 Tauri ... ..	$\zeta$ 3.0	71.20	29	5 30 10.46	+ 3.5828	+ 0.0053	- 0.0005	+ 0.01	...
1171	1768	26 Aurigo ... ..	5.6	79.32	5	5 30 36.56	+ 3.8506	+ 0.0066	- 0.0034	0.00	...
1172	...	C.Z. V. 1129 ... ..	8.2	66.81	5	5 31 7.69	+ 0.7553	+ 0.0079	...	...	+ 0.16
1173	...	Lalande 10607 ... ..	7.0	68.02	5	5 31 56.63	+ 3.6000	+ 0.0053	...	...	...
1174	...	C.P.D. - 38°. 663 ...	9.1	66.42	5	5 31 59.87	+ 2.0093	+ 0.0031	...	...	...
1175	1790	Brisbane 1002 ... ..	5.3	66.48	5	5 32 19.03	+ 0.3132	+ 0.0106	...	...	+ 0.06
1176	...	C.P.D. - 33°. 866 ...	8.5	70.04	6	5 32 22.50	+ 2.1798	+ 0.0029	...	...	+ 0.04
1177	...	R.P.L. 42 ... ..	7.9	77.50	30	5 32 29.86	+ 31.3575	+ 1.4732	...	...	...
1178	1780	48 Orionis ( <i>1st</i> ) ...	$\sigma$ 3.7	77.02	5	5 32 28.16	+ 3.0103	+ 0.0033	- 0.0014	- 0.07	- 0.13
1179	...	C.P.D. - 33°. 867 ...	8.7	67.77	4	5 32 32.15	+ 2.1804	+ 0.0029	...	...	+ 0.12
1180	1791	Doradus ... ..	$\beta$ 3.7	77.06	5	5 32 32.24	+ 0.5143	+ 0.0061	- 0.0020	...	- 0.43
1181	...	C.P.D. - 31°. 861 ...	7.2	69.65	5	5 32 47.44	+ 2.2701	+ 0.0027	...	...	- 0.04
1182	1785	49 Orionis ... ..	$\delta$ 5.0	79.13	5	5 32 50.12	+ 2.9025	+ 0.0031	- 0.0033	- 0.10	- 0.14
1183	...	C.Z. V. 1197 ... ..	8.0	65.20	6	5 32 50.82	+ 0.7555	+ 0.0076	...	...	...
1184	...	C.P.D. - 38°. 670 ...	8.8	65.65	5	5 33 3.99	+ 2.0093	+ 0.0030	...	...	- 0.03
1185	1792	126 Tauri ... ..	4.9	71.34	4	5 34 4.27	+ 3.4618	+ 0.0045	+ 0.0001	+ 0.05	...
1186	...	C.Z. V. 1253 ... ..	9.0	65.69	5	5 34 26.50	+ 0.5602	+ 0.0085	...	...	...
1187	1794	50 Orionis ... ..	$\zeta$ 1.9	79.10	10	5 34 27.04	+ 3.0255	+ 0.0033	- 0.0008	- 0.10	- 0.09
1188	1798	Brisbane 1007 ... ..	5.9	69.05	5	5 34 42.77	+ 1.9261	+ 0.0031	...	...	- 0.01
1189	1802	Columba ... ..	$\alpha$ 2.7	69.97	69	5 35 7.37	+ 2.1709	+ 0.0027	- 0.0010	- 0.02	- 0.05
1190	...	C.P.D. - 40°. 780 ...	7.8	66.07	5	5 35 29.29	+ 1.9268	+ 0.0031	...	...	- 0.01

No.	Mean Polar Distance 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	G.G.A.					
1156	107 54 48·1	- 2 850	+ 0·383	- 0·010	- 1·0	+ 0·3	...	2084	2406	...	6486
1157	80 35 48·8	·795	·476	- 0·002	- 1·3	...	...	2089	2473	792	...
1158	151 55 7·7	·783	·086	...	...	+ 3·4	...	2057	2470	...	6456
1159	80 9 5·6	·769	·478	+ 0·018	0·0	...	...	2041	2477	794	...
1160	128 36 7·6	·735	·296	...	...	+ 1·5	1895	...	2479	...	6465
1161	95 5 31·2	·730	·424	...	...	...	...	...	...	...	...
1162	96 5 40·2	·712	·425	...	...	+ 0·2	...	2483	...	...	6469
1163	94 55 20·7	·685	·428	- 0·018	- 0·5	+ 1·2	...	2049	2489	803	6483
1164	95 59 38·1	·677	·425	- 0·005	- 0·7	+ 1·1	...	2052	2493	806	6486
1165	154 1 16·7	·661	·052	+ 0·01	...	+ 0·1	1922	...	2492	...	6494
1166	78 14 42·7	·637	·485	...	...	...	...	...	...	...	...
1167	91 17 1·8	·629	·441	- 0·001	+ 1·0	+ 1·3	...	2059	2495	809	6501
1168	80 46 41·1	·614	·476	+ 0·305	...	...	...	2060	2496	805	...
1169	135 21 31·3	·611	·251	...	...	...	...	...	...	...	...
1170	68 56 19·5	·602	·519	+ 0·021	+ 1·1	...	...	2058	...	800	...
1171	59 35 4·4	·565	·558	- 0·005	+ 2·4	...	...	2002	...	799	...
1172	159 12 35·5	·520	·110	...	...	+ 1·4	...	...	...	...	6523
1173	68 18 36·9	·449	·522	...	...	...	...	...	...	...	...
1174	128 41 48·7	·444	·282	...	...	...	...	...	...	...	...
1175	154 18 38·4	·416	·046	...	...	+ 1·8	1940	...	2514	...	6553
1176	123 54 58·4	·411	+ 0·317	...	...	+ 0·8	...	...	...	...	6556
1177	2 41 12·0	·405	+ 4·543	...	...	...	...	...	...	...	...
1178	92 40 28·8	·403	+ 0·137	- 0·011	+ 2·3	+ 2·4	...	2077	2517	814	6558
1179	123 53 51·0	·398	·317	...	...	+ 2·5	...	...	...	...	6560½
1180	152 34 21·0	·398	·075	- 0·016	...	+ 2·1	1948	2095	2516	...	6561
1181	121 8 14·1	·375	·330	...	...	+ 1·0	1816	...	2523	...	6571
1182	97 17 3·6	·372	·421	+ 0·042	- 0·9	+ 1·4	...	2084	2525	816	6573
1183	150 11 9·3	·370	·110	...	...	...	...	...	...	...	1197
1184	128 40 49·8	·352	·292	...	...	+ 1·5	...	...	...	...	6577
1185	73 32 0·3	·264	·503	+ 0·013	+ 1·0	...	...	2000	...	817	...
1186	152 7 31·3	·232	·082	...	...	...	...	...	...	...	1255
1187	92 0 40·1	·231	·439	- 0·010	+ 2·0	+ 3·3	...	2096	2539	819	6614
1188	130 46 42·7	·208	·280	...	...	+ 0·6	1941	2107	2544	...	6623
1189	124 8 31·7	·178	·316	+ 0·034	- 0·7	+ 1·0	1838	2109	2547	...	6633
1190	130 45 11·0	- 2·141	+ 0·280	...	...	+ 1·5	...	2113	...	...	6648



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Proccession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Grn. 1880	C.G.A.	
1191	...	C.Z. V. 1342 ...	...	6.9	65.90	5	5 36 30.71	+ 0.8426	+ 0.0066	...	...	- 0.02
1192	...	C.P.D. - 45°. 663 ...	...	9.5	68.08	5	5 36 56.31	+ 1.7042	+ 0.0035	...	...	...
1193	...	C.P.D. - 39°. 739 ...	...	9.2	66.90	5	5 37 5.08	+ 1.9577	+ 0.0030	...	...	...
1194	...	Lalande 10849 ...	...	8.3	67.58	6	5 38 23.27	+ 3.6014	+ 0.0046	...	...	...
1195	...	C.P.D. - 40°. 797 ...	...	9.5	66.10	5	5 38 45.21	+ 1.9519	+ 0.0030	...	...	...
1196	1823	13 Leporis ...	...	3.8	77.04	5	5 39 14.93	+ 2.5209	+ 0.0026	- 0.0213	...	- 0.29
1197	...	B.D. + 10°. 886 ...	...	7.7	68.64	5	5 39 47.42	+ 3.3312	+ 0.0036	...	...	...
1198	...	C.P.D. - 30°. 1007 ...	...	9.2	73.05	5	5 40 5.53	+ 2.2722	+ 0.0025	...	...	...
1199	1836	Brisbane 1029 ...	...	6.7	69.46	5	5 40 8.43	+ 1.6983	+ 0.0033	...	...	+ 0.05
1200	...	C.P.D. - 45°. 676 ...	...	9.0	69.26	5	5 40 12.17	+ 1.7027	+ 0.0033	...	...	0.00
1201	1830	29 Aurigæ ...	...	4.6	79.14	6	5 40 30.74	+ 4.1562	+ 0.0060	- 0.0032	- 0.12	...
1202	...	C.P.D. - 30°. 1016 ...	...	9.0	70.46	5	5 40 55.44	+ 2.2729	+ 0.0026	...	...	...
1203	...	C.P.D. - 40°. 808 ...	...	7.6	66.89	5	5 41 3.20	+ 1.9444	+ 0.0030	...	...	- 0.08
1204	...	W.B.E. V. 104 ...	...	8.6	67.22	6	5 41 5.59	+ 3.3323	+ 0.0034	...	...	...
1205	1840	14 Leporis ...	...	3.7	78.07	5	5 41 17.39	+ 2.7184	+ 0.0026	- 0.0021	- 0.08	- 0.15
1206	1837	132 Tauri ...	...	5.1	79.14	5	5 41 20.68	+ 3.6801	+ 0.0042	- 0.0009	...	...
1207	1841	Columbæ ...	...	5.4	78.08	5	5 41 21.06	+ 2.2280	+ 0.0027	...	...	- 0.29
1208	1843	53 Orionis ...	...	2.2	82.13	70	5 41 49.60	+ 2.8439	+ 0.0027	- 0.0010	- 0.09	- 0.09
1209	...	C.Z. V. 1578 ...	...	7.8	68.54	4	5 42 12.24	+ 1.0223	+ 0.0050	...	...	+ 0.08
1210	...	C.P.D. - 46°. 630 ...	...	10.0	70.10	6	5 42 20.35	+ 1.6887	+ 0.0033	...	...	...
1211	...	C.P.D. - 47°. 648 ...	...	7.2	69.09	6	5 42 24.93	+ 1.6401	+ 0.0034	...	...	+ 0.09
1212	1845	32 Aurigæ ...	...	4.2	79.15	4	5 42 49.65	+ 4.1561	+ 0.0055	- 0.0021	+ 0.03	...
1213	1855	Brisbane 1043 ...	...	5.1	79.32	5	5 42 59.57	+ 1.6602	+ 0.0032	...	...	- 0.11
1214	...	C.P.D. - 40°. 822 ...	...	9.1	66.26	5	5 43 46.16	+ 1.9489	+ 0.0028	...	...	...
1215	1849	31 Camelopardi ...	...	5.2	79.15	5	5 43 46.37	+ 5.3689	+ 0.0109	- 0.0013	+ 0.22	...
1216	...	Brisbane 1054 ...	...	8.5	65.85	5	5 44 2.03	+ 0.6890	+ 0.0057	...	...	+ 0.11
1217	...	Anonymous ...	...	9.1	67.57	4	5 44 14.77	+ 0.4586	+ 0.0067	...	...	...
1218	1861	Pictoris ...	...	3.9	78.09	5	5 44 19.61	+ 1.4185	+ 0.0036	0.000	...	+ 0.07
1219	1854	30 Aurigæ ...	...	5.0	79.17	5	5 44 22.22	+ 5.0257	+ 0.0088	- 0.0005	- 0.01	...
1220	1868	Doradus ...	...	4.5	78.11	5	5 44 33.08	+ 0.1064	+ 0.0082	- 0.0082	...	- 0.07
1221	...	C.P.D. - 47°. 655 ...	...	9.2	68.69	5	5 45 1.97	+ 1.6332	+ 0.0033	...	...	+ 0.17
1222	1863	136 Tauri ...	...	4.5	79.32	5	5 45 28.17	+ 3.7692	+ 0.0038	+ 0.0002	- 0.07	...
1223	...	Lalande 11098 ...	...	8.2	67.66	5	5 45 45.50	+ 3.5981	+ 0.0036	...	...	...
1224	1871	15 Leporis ...	...	4.0	78.10	5	5 45 56.68	+ 2.5629	+ 0.0024	+ 0.0159	...	- 0.07
1225	1878	Columbæ ...	...	2.9	78.85	9	5 46 33.11	+ 2.1091	+ 0.0026	+ 0.0021	- 0.27	- 0.12

No.	Mean Polar Distance 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1191	149 11 9·1	- 2·052	+ 0·123	...	...	+ 1·1	1971	...	2557	...	6666
1192	135 48 17·6	·014	·248	...	...	...	...	...	...	...	1359
1193	129 57 30·5	- 2·001	·285	...	...	...	...	...	...	...	1368
1194	68 19 22·6	- 1·888	·524	...	...	...	...	...	...	...	...
1195	130 5 5·0	·856	·284	...	...	...	...	...	...	...	1432
1196	112 29 27·1	·813	·367	+ 0·376	...	+ 0·4	...	2132	2582	887	6733
1197	78 59 54·8	·766	·485	...	...	...	...	...	...	...	...
1198	120 59 39·9	·740	·331	...	...	...	...	...	...	...	...
1199	135 53 29·0	·736	·248	...	...	+ 1·5	1981	2145	2587	...	6756
1200	135 47 49·0	·730	·248	...	...	+ 2·9	...	...	...	...	6760
1201	50 51 49·9	·704	·605	+ 0·022	- 0·2	...	...	2133	...	829	...
1202	120 57 40·3	·667	·331	...	...	...	...	...	...	...	1524
1203	130 15 2·4	·655	·284	...	...	+ 1·0	1984	...	2592	...	6774
1204	78 57 23·8	·652	·485	...	...	...	...	...	...	...	...
1205	104 52 12·3	·635	·396	- 0·008	- 1·1	- 1·7	...	2151	2596	843	6778
1206	65 28 36·5	·631	·536	+ 0·010	...	...	...	2144	...	835	...
1207	122 21 20·5	·630	·325	...	...	+ 2·2	1982	2153	2597	...	6780
1208	99 42 57·2	·588	·414	- 0·004	- 0·1	+ 2·0	...	2154	2601	844	6788
1209	146 58 5·3	·555	·150	...	...	+ 2·8	2010	...	2603	...	6801
1210	136 3 58·3	·544	·247	...	...	...	...	...	...	...	...
1211	137 3 15·8	·537	·239	...	...	+ 0·8	1996	...	2606	...	6807
1212	50 53 24·8	·500	·605	- 0·017	- 2·6	...	...	2156	...	840	...
1213	136 38 38·3	·487	·242	...	...	...	2003	2170	2612	...	6817
1214	130 6 40·8	·419	·285	...	...	...	...	...	...	...	...
1215	30 8 35·6	·419	·782	+ 0·022	- 1·0	...	...	2158	...	831	...
1216	150 46 9·3	·396	·101	...	...	+ 2·9	...	2184	2624	...	6842
1217	152 57 47·9	·377	·068	...	...	...	...	...	...	...	...
1218	141 6 45·6	·370	·207	- 0·10	...	- 0·1	2021	2181	2628	...	6848
1219	34 19 29·9	·367	·732	- 0·020	- 1·6	...	...	2164	...	838	...
1220	155 46 58·2	·351	·016	+ 0·014	...	+ 1·4	2045	2195	2629	...	6852
1221	137 10 4·9	·308	·239	...	...	+ 1·5	...	...	...	...	6862
1222	62 25 11·1	·271	·549	+ 0·021	+ 0·6	...	...	2176	...	848	...
1223	68 29 26·7	·245	·525	...	...	...	...	...	...	...	...
1224	110 53 27·4	·229	·374	+ 0·642	...	- 2·1	...	2190	2646	858	6884
1225	125 48 59·7	- 1·176	+ 0·308	- 0·407	- 6·9	+ 0·8	2029	2200	2652	...	6896

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
1226	...	C.P.D. — 39°.777	...	8.2	65.67	5 5 46 42.28	+ 1.9009	+ 0.0028	...	...	0.00
1227	1876	54 Orionis ...	...	4.6	68.21	15 5 46 58.80	+ 3.5617	+ 0.0032	- 0.0154	- 0.06	...
1228	...	C.P.D. — 45°.704	...	9.5	67.69	5 5 47 20.17	+ 1.7006	+ 0.0030	...	...	...
1229	1884	Pictoris ...	...	4.3	78.13	5 5 47 33.49	+ 1.0781	+ 0.0043	+ 0.0058	...	+ 0.06
1230	...	Lalande 11166 ...	...	7.9	66.45	5 5 47 38.25	+ 3.3429	+ 0.0030	...	...	...
1231	1890	C.P.D. — 52°.794	...	4.8	79.28	5 5 48 3.44	+ 1.3548	+ 0.0035	0.000	...	- 0.19
1232	1883	58 Orionis ( <i>Betelgeuse</i> )	...	Var.	72.93	120 5 48 24.23	+ 3.2452	+ 0.0027	+ 0.0007	- 0.05	...
1233	1891	Columbæ ...	...	5.0	78.12	5 5 48 34.46	+ 2.1773	+ 0.0025	0.000	...	- 0.26
1234	1885	33 Aurigæ ...	...	3.8	81.30	10 5 49 14.11	+ 4.0288	+ 0.0061	+ 0.0081	+ 0.01	...
1235	...	C.P.D. — 31°.943	...	8.2	69.88	5 5 49 40.44	+ 2.2645	+ 0.0024	...	...	...
1236	...	C.P.D. — 40°.859	...	9.0	68.11	5 5 49 58.27	+ 1.0507	+ 0.0027	...	...	...
1237	1905	Doradus ...	...	5.0	78.09	5 5 50 1.64	- 0.0641	+ 0.0070	...	...	+ 0.12
1238	...	B.D. + 26°.1015	...	9.2	67.74	5 5 50 9.02	+ 3.7285	+ 0.0031	...	...	...
1239	...	C.P.D. — 45°.720	...	9.5	69.40	5 5 50 12.48	+ 1.7028	+ 0.0030	...	...	...
1240	1903	Brisbane 1088 ...	...	5.9	79.59	4 5 50 14.62	+ 1.0011	+ 0.0040	...	...	+ 0.01
1241	1895	84 Aurigæ ...	...	2.1	79.10	10 5 50 21.38	+ 4.4048	+ 0.0042	- 0.0056	- 0.22	...
1242	...	C.P.D. — 47°.675	...	10.0	69.87	5 5 50 31.90	+ 1.0311	+ 0.0030	...	...	...
1243	1897	35 Aurigæ ...	...	4.5	79.32	5 5 50 39.21	+ 4.4518	+ 0.0042	...	- 0.32	...
1244	1901	16 Leporis ...	...	3.7	77.06	5 5 50 42.55	+ 2.7344	+ 0.0023	- 0.0041	- 0.24	- 0.19
1245	...	C.P.D. — 47°.677	...	7.2	68.49	5 5 50 48.62	+ 1.6293	+ 0.0030	...	...	+ 0.01
1246	1900	37 Aurigæ ...	...	2.7	80.44	10 5 51 11.72	+ 4.0863	+ 0.0035	+ 0.0034	- 0.12	...
1247	1906	Columbæ ...	...	4.9	79.52	5 5 51 11.90	+ 2.0603	+ 0.0025	...	...	- 0.04
1248	...	C.P.D. — 40°.866	...	9.5	68.50	5 5 51 18.06	+ 1.9226	+ 0.0027	...	...	...
1249	...	C.P.D. — 51°.797	...	9.5	73.64	5 5 51 20.84	+ 1.3704	+ 0.0033	...	...	...
1250	...	C.P.D. — 50°.870	...	9.0	72.86	5 5 52 5.98	+ 1.4450	+ 0.0031	...	...	+ 0.04
1251	...	Lalande 11293 ...	...	7.2	67.45	5 5 52 9.34	+ 3.6010	+ 0.0028	...	...	...
1252	...	W.B.N. V. 1681 ...	...	9.0	81.10	5 5 52 30.30	+ 3.7006	+ 0.0026	...	...	...
1253	...	C.P.D. — 51°.800	...	9.8	71.10	5 5 52 30.62	+ 1.3761	+ 0.0031	...	...	...
1254	...	Anonymous ...	...	9.4	81.09	5 5 52 31.54	+ 3.0936	+ 0.0026	...	...	...
1255	...	C.P.D. — 39°.799	...	9.0	66.29	5 5 53 2.79	+ 1.9691	+ 0.0026	...	...	...
1256	1922	Columbæ ...	...	4.1	77.04	5 5 53 5.97	+ 2.1261	+ 0.0024	- 0.003	...	- 0.45
1257	1920	2 Monocerotis ...	...	5.1	79.17	5 5 53 8.26	+ 2.8469	+ 0.0023	+ 0.0009	...	- 0.06
1258	1926	Brisbane 1102 ...	...	4.4	79.53	5 5 53 8.95	+ 0.4349	+ 0.0047	...	...	- 0.11
1259	...	C.P.D. — 40°.880	...	8.7	68.64	5 5 53 22.93	+ 1.9344	+ 0.0026	...	...	...
1260	...	C.P.D. — 41°.856	...	8.2	65.69	5 5 53 37.71	+ 1.4056	+ 0.0026	...	...	...

No.	Mean Polar Distance 1875-0	Annual Procession 1875-0	Secular Variation 1875-0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1226	129 47 1.5	- 1.163	+ 0.286	...	...	+ 1.3	2036	...	2655	...	6898
1227	69 44 50.2	.139	.520	+ 0.006	+ 2.0	...	...	2198	...	856	...
1228	135 46 33.6	.107	.248	...	...	...	...	...	...	...	1809
1229	146 11 55.3	.083	.157	+ 0.070	...	- 0.7	2053	2210	2661	...	6915
1230	78 32 20.4	.081	.487	...	...	...	...	...	...	...	...
1231	142 8 16.5	.045	.197	+ 0.20	...	- 1.0	2052	2214	2668	...	6925
1232	82 37 5.3	- 1.014	.473	- 0.020	- 0.9	...	...	2207	2672	860	...
1233	123 49 48.7	- 0.999	.317	- 0.03	...	- 0.5	2044	2213	2673	...	6937
1234	35 43 41.0	.912	.718	+ 0.123	- 0.4	...	...	2203	...	852	...
1235	121 9 41.1	.904	.330	...	...	...	...	...	...	...	1910
1236	130 1 10.1	.877	.284	...	...	...	...	...	...	...	1924
1237	156 55 50.9	.872	.009	...	...	- 0.1	2093	2238	2686	...	6972
1238	63 50 3.4	.860	.543	...	...	...	...	...	...	...	...
1239	135 42 58.8	.856	.248	...	...	...	...	...	...	...	1936
1240	147 10 43.0	.854	.146	...	...	+ 0.7	2080	2232	2691	...	6979
1241	45 4 5.4	.843	.642	+ 0.007	+ 1.0	...	...	2217	2694	859	...
1242	137 10 11.1	.828	.238	...	...	...	...	...	...	...	...
1243	44 4 37.8	.817	.049	...	0.0	...	...	2218	...	...	...
1244	104 11 33.0	.813	.398	- 0.142	+ 0.8	+ 1.1	...	2227	2696	866	6992
1245	137 12 30.1	.804	.287	...	...	+ 0.6	2073	...	2697	...	6998
1246	52 47 53.1	.770	.596	+ 0.080	- 2.0	...	...	2223	...	863	...
1247	127 8 25.9	.770	.298	...	...	+ 1.9	2069	2235	2700	...	7011
1248	130 42 52.7	.761	.280	...	...	...	...	...	...	...	1976
1249	141 51 52.2	.749	.200	...	...	...	...	...	...	...	...
1250	140 36 30.5	.691	.211	...	...	+ 0.2	...	...	...	...	7035
1251	68 24 29.2	.686	.523	...	...	...	...	...	...	...	...
1252	64 48 46.3	.655	.540	...	...	...	...	...	...	...	...
1253	141 45 58.1	.655	.201	...	...	...	...	...	...	...	...
1254	65 3 40.8	.654	.538	...	...	...	...	...	...	...	...
1255	129 32 27.3	.608	.287	...	...	...	...	...	...	...	2050
1256	125 17 53.6	.604	.310	- 0.01	...	+ 0.5	2084	2252	2718	...	7064
1257	99 34 6.7	.600	.415	+ 0.034	...	+ 0.8	...	2243	2723	874	7065
1258	153 7 41.1	.599	.063	...	...	- 1.3	2106	...	2717	...	7066
1259	130 24 51.6	.579	.282	...	...	...	...	...	...	...	...
1260	131 7 8.4	- 0.557	+ 0.278	...	...	...	...	...	...	...	2030

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
1261	...	C.P.D. — 51°. 803	...	8.0	70.59	6	5 53 42.28	+ 1.3820	+ 0.0031	...	...	— 0.09
1262	...	C.P.D. — 31°. 967	...	9.3	70.71	5	5 54 3.32	+ 2.2518	+ 0.0024	...	...	...
1263	...	C.Z. V. 2110	...	7.0	65.86	5	5 54 35.35	+ 1.2700	+ 0.0030	...	...	— 0.05
1264	...	C.P.D. — 31°. 971	...	10.0	77.11	5	5 54 45.04	+ 2.2541	+ 0.0024	...	...	...
1265	...	C.P.D. — 47°. 690	...	9.5	68.88	5	5 54 52.36	+ 1.6007	+ 0.0028	...	...	...
1266	...	C.P.D. — 31°. 973	...	9.6	72.07	5	5 55 11.77	+ 2.2525	+ 0.0024	...	...	...
1267	1933	Columbæ	...	7	79.16	5	5 55 19.19	+ 1.8334	+ 0.0026	+ 0.0021	...	— 0.15
1268	1928	61 Orionis	...	μ	78.08	5	5 55 30.43	+ 3.2994	+ 0.0022	+ 0.0001	...	...
1269	1936	3 Monocerotis	...	...	79.31	5	5 55 57.64	+ 2.8220	+ 0.0021	— 0.0018	...	— 0.01
1270	1934	64 Orionis	...	χ <sup>3</sup>	68.88	5	5 56 3.32	+ 3.5505	+ 0.0022	+ 0.0016	— 0.07	...
1271	...	Lalande 11455	...	...	66.46	5	5 56 26.23	+ 3.3486	+ 0.0021	...	— 0.01	...
1272	1939	62 Orionis	...	χ <sup>4</sup>	68.66	5	5 56 29.71	+ 3.5624	+ 0.0021	0.0000	— 0.03	...
1273	...	C.P.D. — 39°. 820	...	8.6	65.09	5	5 56 20.98	+ 1.9524	+ 0.0025	...	...	— 0.12
1274	1938	1 Geminorum	...	...	72.72	5	5 56 31.18	+ 3.6470	+ 0.0021	— 0.0010	— 0.09	...
1275	1879	Groombridge 1004 (R.P.L. 49)	...	7.0	76.72	50	5 56 54.66	+ 2.67033	+ 0.1087	...	+ 0.08	...
1276	...	C.P.D. — 46°. 678	...	9.5	68.87	5	5 57 17.88	+ 1.6872	+ 0.0027	...	...	...
1277	1946	Brisbane 1117	...	...	79.16	5	5 58 13.36	+ 2.4119	+ 0.0022	0.000	...	— 0.04
1278	1954	Brisbane 1124	...	...	60.08	5	5 58 39.98	+ 0.9239	+ 0.0030	...	...	+ 0.05
1279	1943	37 Camelopardi	...	...	79.67	5	5 58 57.20	+ 5.2928	+ 0.0015	+ 0.004	— 0.12	...
1280	...	C.P.D. — 46°. 688	...	10.0	81.13	5	5 59 7.39	+ 1.6499	+ 0.0025	...	...	...
1281	1955	17 Leporis	...	...	80.08	5	5 59 24.57	+ 2.6768	+ 0.0021	+ 0.0003	+ 0.10	+ 0.04
1282	...	Brisbane 1129	...	...	65.67	5	5 59 45.42	+ 0.7107	+ 0.0030	...	...	+ 0.06
1283	...	C.P.D. — 39°. 836	...	8.6	65.08	5	6 0 2.39	+ 1.9571	+ 0.0024	...	...	+ 0.10
1284	...	C.P.D. — 31°. 999	...	9.2	74.10	3	6 0 15.85	+ 2.2504	+ 0.0023	...	...	...
1285	...	Anonymous	...	10.0	68.09	2	6 0 23.49	+ 2.2524	+ 0.0023	...	...	...
1286	1958	67 Orionis	...	ν	71.34	130	6 0 26.08	+ 3.4250	+ 0.0017	0.0000	+ 0.02	...
1287	1959	18 Leporis	...	θ	78.10	5	6 0 29.89	+ 2.7158	+ 0.0021	— 0.0015	+ 0.03	0.00
1288	...	Brisbane 1131	...	...	79.37	4	6 0 52.46	+ 1.7335	+ 0.0025	— 0.0082	...	— 0.19
1289	...	Brisbane 1133	...	...	68.88	5	6 1 3.07	+ 1.4158	+ 0.0026	...	...	+ 0.03
1290	...	C.P.D. — 47°. 711	...	8.0	65.90	5	6 1 8.66	+ 1.6145	+ 0.0024	...	...	+ 0.13
1291	...	C.Z. VI. 105	...	8.5	68.71	5	6 2 25.13	+ 0.3617	+ 0.0025	...	...	...
1292	1978	Columbæ	...	π <sup>1</sup>	78.09	5	6 2 49.18	+ 1.8565	+ 0.0023	...	...	— 0.15
1293	1982	Columbæ	...	θ	78.11	5	6 3 14.40	+ 2.0562	+ 0.0022	...	...	— 0.14
1294	...	Lalande 11732	...	...	68.38	6	6 3 59.58	+ 3.3569	+ 0.0015	...	...	...
1295	1988	Columbæ	...	π <sup>2</sup>	78.12	5	6 4 0.01	+ 1.8629	+ 0.0023	...	...	— 0.08

1267.—Very red

1277.—P. M. Stone

1295.—Red

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1261	141 40 2.7	- 0.551	+ 0.201	...	...	+ 0.2	...	...	...	...	7085
1262	121 32 30.7	.520	.328	...	...	...	...	...	...	...	...
1263	143 26 16.4	.474	.185	...	...	- 0.6	2104	...	2731	...	7103
1264	121 28 7.3	.459	.329	...	...	...	...	...	...	...	...
1265	137 45 10.5	.449	.233	...	...	...	...	...	...	...	2124
1266	121 30 56.1	.421	.329	...	...	...	...	...	...	...	...
1267	132 49 23.6	.409	.267	+ 0.020	...	- 0.7	2099	2269	2735	...	7120
1268	80 21 16.4	.393	.481	- 0.02	...	...	...	2259	2736	877	...
1269	100 36 4.3	.354	.411	- 0.025	...	+ 0.6	...	2267	2741	888	7136
1270	70 18 35.2	.345	.518	+ 0.012	+ 0.3	...	...	2263	...	878	...
1271	78 19 8.8	.311	.488	...	- 0.7	...	...	...	...	...	...
1272	69 51 39.7	.308	.520	- 0.006	+ 0.1	...	...	2270	...	881	...
1273	129 57 9.8	.305	.285	...	...	+ 0.2	...	...	...	...	7153
1274	66 43 57.6	.304	+ 0.532	+ 0.003	+ 1.5	...	...	2268	2746	880	...
1275	3 14 16.4	.270	+ 3.895	...	- 0.1	...	...	...	...	...	...
1276	136 0 58.6	.236	+ 0.244	...	...	...	...	...	...	...	2211
1277	116 17 7.0	.155	.353	- 0.09	...	+ 0.5	2115	2288	2759	...	7195
1278	148 6 17.5	.116	.135	...	...	+ 3.3	2133	2301	2761	...	7206
1279	31 8 6.2	.091	.772	- 0.030	+ 1.6	...	...	2280	...	876	...
1280	136 46 17.1	.075	.241	...	...	...	...	...	...	...	2287
1281	106 28 38.9	.052	.300	- 0.010	- 1.5	- 0.5	...	2295	2768	890	7226
1282	150 29 6.0	- 0.022	.104	...	...	+ 1.2	2146	2310	2771	...	7237
1283	129 49 49.5	+ 0.008	.285	...	...	+ 0.9	...	...	...	...	7242
1284	121 34 34.7	.023	.328	...	...	...	...	...	...	...	...
1285	121 30 53.8	.034	.329	...	...	...	...	...	...	...	...
1286	75 13 6.9	.038	.500	+ 0.016	- 0.5	...	...	2302	2779	887	...
1287	104 55 32.5	.044	.396	- 0.014	- 0.2	- 0.5	...	2304	2780	892	7253
1288	135 2 12.2	.077	.253	- 0.235	...	- 1.2	2137	2315	2783	...	7266
1289	141 5 20.3	.092	.207	...	...	- 0.2	2143	2321	2787	...	7276
1290	137 28 33.4	.100	.236	...	...	+ 1.6	...	...	...	...	7281
1291	153 44 42.5	.211	.053	...	...	...	...	...	...	...	105
1292	132 17 2.6	.246	.271	...	...	- 1.8	2154	2338	2808	...	7332
1293	127 14 9.4	.234	.300	...	...	- 2.7	2153	2341	2814	...	7343
1294	77 58 56.6	.349	.490	...	...	...	...	...	...	...	...
1295	132 8 7.7	+ 0.350	+ 0.272	...	...	- 0.2	2164	2351	2820	...	7359

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—			
										Grn. 1880	C.G.A.		
						h m s	s	s	s	s	s		
1296	...	C.P.D. — 39°.857	...	8.2	66.09	5	6 4 0.64	+ 1.0518	+ 0.0023	...	...	0.00	
1297	...	C.Z. VI. 175	...	8.8	69.32	5	6 4 8.70	+ 0.7484	+ 0.0022	...	...	+ 0.05	
1298	1979	40 Camelopardi	...	5.5	79.14	5	6 4 26.77	+ 5.3903	- 0.0019	+ 0.001	+ 0.03	...	
1299	...	C.P.D. — 38°.803	...	8.5	66.91	5	6 4 44.45	+ 2.0264	+ 0.0023	...	...	...	
1300	1900	70 Orionis	...	ξ	4.2	78.08	5	6 4 49.90	+ 3.4113	+ 0.0013	- 0.0006	- 0.08	...
1301	...	C.P.D. — 46°.711	...	8.0	68.70	5	6 4 51.85	+ 1.6472	+ 0.0004	...	...	+ 0.04	
1302	1993	C.P.D. — 44°.796	...	6.6	79.34	5	6 4 53.77	+ 1.7662	+ 0.0024	...	...	- 0.21	
1303	1980	22 Camelopardi (Hev.)	...	4.7	80.13	5	6 5 3.96	+ 6.6207	- 0.0057	- 0.0003	- 0.12	...	
1304	1994	B.F. 864	...	5.0	79.31	5	6 5 46.76	+ 2.9194	+ 0.0018	...	...	- 0.14	
1305	2000	Brisbane 1172	...	5.0	79.69	5	6 5 54.89	+ 0.5446	+ 0.0018	0.000	...	- 0.03	
1306	...	B.D. + 12°.1062	...	8.9	67.44	5	6 6 14.61	+ 3.3598	+ 0.0013	...	...	...	
1307	1992	1 Lyncis	...	5.4	80.13	5	6 6 23.26	+ 5.5390	- 0.0036	- 0.0002	+ 0.19	...	
1308	...	C.P.D. — 31°.1049	...	9.2	69.70	5	6 6 51.16	+ 2.2533	+ 0.0022	...	...	...	
1309	2002	7 Geminorum	...	η	3.5	78.14	61	6 7 19.89	+ 3.6268	+ 0.0007	- 0.0052	- 0.02	...
1310	2001	44 Aurigæ	...	κ	4.5	78.14	5	6 7 24.76	+ 3.8296	+ 0.0003	- 0.0052	+ 0.01	...
1311	...	C.Z. VI. 332	...	9.0	68.10	5	6 7 34.69	+ 0.6307	+ 0.0016	...	...	...	
1312	2013	Pictoris	...	δ	4.8	79.15	5	6 7 52.07	+ 1.1681	+ 0.0020	- 0.0054	...	+ 0.08
1313	...	C.P.D. — 47°.733	...	9.0	68.50	5	6 7 58.54	+ 1.6340	+ 0.0022	...	...	...	
1314	...	B.D. + 24°.1173	...	9.0	81.09	5	6 8 14.99	+ 3.6716	+ 0.0004	...	...	...	
1315	...	B.D. + 24°.1180	...	9.0	81.09	5	6 8 29.14	+ 3.6740	+ 0.0004	...	...	...	
1316	2007	2 Lyncis	...	4.3	79.34	5	6 8 35.67	+ 5.3004	- 0.0041	- 0.0026	...	...	
1317	...	C.Z. VI. 376	...	8.5	67.09	5	6 8 37.29	+ 0.1994	+ 0.0005	...	...	+ 0.25	
1318	2015	5 Monocerotis	...	γ	4.0	78.13	5	6 8 45.59	+ 2.9262	+ 0.0016	- 0.0010	...	+ 0.04
1319	...	C.P.D. — 41°.916	...	9.0	65.29	5	6 9 10.34	+ 1.8730	+ 0.0021	...	...	...	
1320	...	C.P.D. — 40°.945	...	8.5	64.69	5	6 9 14.47	+ 1.9302	+ 0.0021	...	...	...	
1321	2017	74 Orionis	...	k <sup>2</sup>	5.1	79.33	5	6 9 25.43	+ 3.3636	+ 0.0009	+ 0.0044	- 0.02	...
1322	2025	Doradus	...	ν	5.2	78.13	4	6 9 32.27	- 0.3746	- 0.0011	...	...	- 0.22
1323	...	C.P.D. — 41°.917	...	9.5	67.67	5	6 9 47.81	+ 1.8759	+ 0.0021	...	...	...	
1324	...	Anonymous	...	9.6	70.32	5	6 10 10.84	+ 0.4233	+ 0.0006	...	...	...	
1325	2031	Doradus	...	η <sup>2</sup>	4.8	78.08	5	6 10 59.18	+ 0.1338	- 0.0003	...	...	+ 0.35
1326	...	C.Z. VI. 500	...	8.2	67.26	5	6 11 11.07	+ 0.7687	+ 0.0010	...	...	- 0.01	
1327	...	C.Z. VI. 528	...	9.0	67.78	5	6 11 49.18	+ 0.5577	+ 0.0005	...	...	+ 0.05	
1328	2034	Columbæ	...	κ	4.5	78.08	5	6 12 6.21	+ 2.1341	+ 0.0021	- 0.0015	...	- 0.22
1329	...	C.P.D. — 31°.1074	...	8.5	69.47	5	6 12 8.17	+ 2.2532	+ 0.0021	...	...	+ 0.03	
1330	...	C.P.D. — 46°.755	...	9.2	69.10	5	6 12 19.96	+ 1.6481	+ 0.0019	...	...	..	





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
1331	...	Lalande 12053 ...	8.0	69.79	9	6 13 3.48	+ 3.5883	+ 0.0002	...	...	...
1332	2038	Lalande 12072 ...	7.5	75.04	2	6 13 46.19	+ 3.5895	0.0000	...	...	...
1333	2039	Lalande 12075 ...	7.7	69.89	5	6 13 53.33	+ 3.5912	0.0000	...	...	...
1334	...	C.Z. VI. 626 ...	8.5	81.13	5	6 13 55.98	+ 0.7082	+ 0.0003	...	...	+ 0.25
1335	...	Lalande 12053(P)	7.6	74.96	3	6 14 3.32	+ 3.5882	0.0000	...	...	...
1336	...	W.B.N. VI. 354 ...	8.7	69.51	10	6 14 14.50	+ 3.5924	0.0000	...	...	...
1337	...	C.Z. VI. 647 ...	7.8	81.15	5	6 14 18.40	+ 1.1966	+ 0.0013	...	...	+ 0.02
1338	...	Lalande 12120 ...	8.0	66.44	5	6 14 42.76	+ 3.3783	+ 0.0005	...	...	...
1339	...	C.P.D. — 48°. 824 ...	8.5	81.16	5	6 15 1.39	+ 1.5564	+ 0.0018	...	...	— 0.12
1340	2050	C.P.D. — 34°. 893 ...	6.3	79.15	5	6 15 10.77	+ 2.1607	+ 0.0020	...	...	+ 0.01
1341	2044	46 Aurigæ ...	$\psi^1$ 5.0	79.13	5	6 15 15.99	+ 4.6258	— 0.0043	+ 0.0001	— 0.17	...
1342	2047	13 Geminorum ...	$\mu$ 3.2	71.74	122	6 15 23.84	+ 3.6268	— 0.0008	+ 0.0037	— 0.01	...
1343	2051	1 Canis Majoris ...	$\zeta$ 3.0	79.13	10	6 15 30.85	+ 2.3018	+ 0.0019	— 0.0004	— 0.05	— 0.05
1344	...	Lalande 12155 ...	6.8	66.60	5	6 15 35.56	+ 3.3711	+ 0.0004	...	...	...
1345	2056	Brisbane 1214 ...	5.6	79.34	5	6 16 5.01	+ 2.1696	+ 0.0020	...	...	+ 0.01
1346	2062	Brisbane 1219 ...	6.8	81.18	5	6 16 48.71	+ 1.5558	+ 0.0016	+ 0.009	...	— 0.05
1347	...	C.Z. VI. 790 ...	7.2	65.72	5	6 17 7.45	+ 0.3415	— 0.0014	...	...	+ 0.05
1348	2061	2 Canis Majoris ...	$\beta$ 2.0	79.14	10	6 17 11.55	+ 2.6417	+ 0.0016	— 0.0016	— 0.13	— 0.18
1349	2066	3 Canis Majoris ...	4.1	77.06	5	6 17 32.43	+ 2.1941	+ 0.0020	— 0.0045	— 0.42	— 0.30
1350	...	Monocerotis ...	$T$ Var.	70.03	10	6 18 27.76	+ 3.2394	+ 0.0005	...	...	...
1351	2073	Brisbane 1225 ...	6.8	68.88	5	6 18 33.78	+ 2.2483	+ 0.0020	...	...	— 0.13
1352	...	C.Z. VI. 859 ...	8.5	68.10	5	6 18 39.50	+ 0.6145	— 0.0007	...	...	...
1353	...	C.Z. VI. 861 ...	7.2	67.72	5	6 18 40.08	+ 0.6410	— 0.0007	...	...	+ 0.02
1354	...	Brisbane 1234 ...	7.2	65.71	5	6 18 52.36	+ 0.3684	— 0.0017	...	...	— 0.02
1355	...	C.P.D. — 36°. 945 ...	6.6	79.14	5	6 19 40.92	+ 2.0814	+ 0.0019	...	...	0.00
1356	...	W.B.N. VI. 533 ...	8.5	67.10	5	6 20 20.37	+ 3.6744	— 0.0011	...	...	...
1357	2086	Argus ( <i>Canopus</i> )	$\alpha$ — 0.96	73.74	20	6 21 10.60	+ 1.3293	+ 0.0010	+ 0.0013	...	— 0.07
1358	2090	18 Geminorum ...	$\nu$ 4.0	69.72	6	6 21 32.41	+ 3.5643	— 0.0009	— 0.0022	— 0.02	...
1359	...	C.P.D. — 38°. 882 ...	7.8	67.71	5	6 21 39.99	+ 1.9997	+ 0.0019	...	...	+ 0.03
1360	...	Lalande 12386 ...	7.1	73.04	5	6 22 3.77	+ 3.3332	— 0.0001	...	...	...
1361	...	C.Z. VI. 1022 ...	6.5	66.92	5	6 22 13.39	+ 0.3900	— 0.0025	...	...	— 0.03
1362	...	C.P.D. — 39°. 935 ...	8.5	66.70	5	6 22 18.20	+ 1.9710	+ 0.0018	...	...	...
1363	2106	Puppis ...	$G$ 5.9	79.12	5	6 22 24.81	+ 1.5891	+ 0.0014	...	...	— 0.38
1364	...	C.P.D. — 35°. 884 ...	8.5	66.69	5	6 22 28.41	+ 2.0019	+ 0.0018	...	...	...
1365	...	Lalande 12419 ...	8.0	73.10	5	6 22 46.39	+ 3.3245	— 0.0001	...	...	...

1346.—P. M. Stone

1335.—Differs by 1<sup>m</sup> in R.A. from B.D. + 21°. 1199 probably same as 1331.



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madius—	
										Grn. 1880	C.G.A.
1866	2109	Canis Majoris ...	$\lambda$ 4.1	79.14	10	h m s 6 23 32.21	+ 2.2249	+ 0.0018	- 0.0049	+ 0.00	- 0.06
1867	...	C.Z. VI.1091 ...	6.8	68.49	5	6 23 34.14	+ 0.4220	- 0.0028	...	...	+ 0.04
1868	...	Piazzi VI.139 ...	7.5	73.22	10	6 23 48.42	+ 1.9141	+ 0.0018	...	...	- 0.05
1869	2119	Doradus ...	$\pi^1$ 5.6	78.12	5	6 23 49.17	- 0.5644	- 0.0005	...	...	+ 0.02
1870	...	Brisbane 1257 ...	6.7	67.71	5	6 24 9.37	+ 0.3757	- 0.0031	...	...	+ 0.08
1871	2117	Brisbane 1252 ...	6.5	68.44	6	6 24 42.37	+ 1.9170	+ 0.0017	...	...	- 0.06
1872	...	C.Z. VI.1144 ...	8.0	81.12	5	6 24 47.33	+ 0.9332	- 0.0006	...	...	+ 0.04
1873	...	Brisbane 1260 ...	5.8	65.90	5	6 25 5.60	+ 0.9519	- 0.0006	...	...	+ 0.09
1874	2126	19 Monocerotis ...	4.3	79.14	5	6 26 8.66	+ 3.2452	- 0.0002	+ 0.0003	...	...
1875	2145	Doradus ...	$\pi^2$ 5.4	78.14	5	6 26 32.51	- 0.5022	- 0.0104	- 0.002	...	- 0.17
1876	2142	Brisbane 1271 ...	6.8	73.51	11	6 26 38.07	+ 0.5675	- 0.0026	...	...	+ 0.14
1877	2132	4 Canis Majoris ...	$\xi^1$ 4.2	78.14	5	6 26 38.83	+ 2.4905	+ 0.0015	- 0.0063	...	- 0.10
1878	2137	Puppis ...	$Z$ 5.3	79.15	5	6 26 44.75	+ 1.4811	+ 0.0009	...	...	- 0.07
1879	2146	C.Z. VI.1266 ...	5.2	79.16	5	6 27 18.46	+ 1.0461	- 0.0005	...	...	- 0.02
1880	...	C.Z. VI.1278 ...	8.0	67.68	5	6 27 36.32	+ 0.5256	- 0.0030	...	...	...
1881	...	C.P.D. - 38°. 911 ...	9.1	67.50	5	6 27 50.18	+ 2.0063	+ 0.0018	...	...	...
1882	2147	Brisbane 1270 ...	5.7	79.14	5	6 27 57.89	+ 2.2450	+ 0.0018	...	...	- 0.47
1883	...	C.P.D. - 41°. 1026 ...	9.5	67.49	5	6 28 6.67	+ 1.9149	+ 0.0016	...	...	...
1884	...	C.P.D. - 40°. 1052 ...	8.8	67.69	5	6 28 45.43	+ 1.9218	+ 0.0016	...	...	+ 0.16
1885	...	C.Z. VI.1326 ...	8.5	65.75	5	6 28 46.49	+ 0.6621	- 0.0025	...	...	...
1886	...	C.P.D. - 32°. 1215 ...	7.5	68.70	5	6 28 47.14	+ 2.2391	+ 0.0018	...	...	- 0.05
1887	...	C.P.D. - 40°. 1055 ...	8.5	67.52	5	6 28 59.77	+ 1.9379	+ 0.0016	...	...	...
1888	2158	Brisbane 1281 ...	5.3	79.14	5	6 29 26.82	+ 2.1040	+ 0.0017	...	...	+ 0.17
1889	...	C.P.D. - 48°. 876 ...	6.9	81.13	5	6 29 40.52	+ 1.5766	+ 0.0009	...	...	+ 0.01
1890	2160	5 Canis Majoris ...	$\xi^2$ 4.4	78.14	5	6 29 49.09	+ 2.5131	+ 0.0014	+ 0.0006	+ 0.01	+ 0.08
1891	2166	C.Z. VI.1381 ...	6.4	65.94	6	6 29 56.15	+ 0.6014	- 0.0031	...	...	+ 0.12
1892	2162	C.P.D. - 32°. 1227 ...	5.3	79.53	5	6 29 57.24	+ 2.2239	+ 0.0017	...	+ 0.01	- 0.08
1893	2167	Pictoris ...	$\mu$ 5.8	78.15	5	6 30 6.39	+ 0.8957	- 0.0015	...	...	- 0.19
1894	2159	50 Aurigæ ...	$\psi^2$ 5.2	79.18	5	6 30 24.24	+ 4.2906	- 0.0068	- 0.0013	...	...
1895	2163	24 Geminorum ...	$\gamma$ 2.0	71.27	160	6 30 29.39	+ 3.4648	- 0.0015	+ 0.0021	- 0.01	...
1896	...	C.P.D. - 40°. 1070 ...	8.5	69.66	5	6 31 3.34	+ 1.9237	+ 0.0016	...	...	...
1897	2171	7 Canis Majoris ...	$\nu^2$ 4.2	78.16	4	6 31 13.74	+ 2.6122	+ 0.0013	+ 0.0028	- 0.19	- 0.14
1898	...	C.P.D. - 32°. 1241 ...	8.8	69.70	5	6 31 25.62	+ 2.2408	+ 0.0018	...	...	+ 0.15
1899	...	C.P.D. - 50°. 1005 ...	8.5	66.77	6	6 31 42.30	+ 1.4936	+ 0.0007	...	...	...
1400	...	C.P.D. - 40°. 1076 ...	8.0	69.11	4	6 31 47.97	+ 1.9232	+ 0.0015	...	...	...

1869.—Red

1888.—Bright yellow

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1366	122 30 10.6	+ 2.056	+ 0.322	- 0.021	+ 1.9	+ 1.1	2295	2517	3014	...	7904
1367	153 21 10.5	.059	.060	...	...	+ 1.2	2321	...	3013	...	7905
1368	131 3 26.1	.080	+ 0.277	...	...	+ 2.0	2302	2524	3017	...	7910
1369	159 54 53.8	.081	- 0.083	...	...	+ 0.3	2340	...	3015	...	7911
1370	153 45 16.1	.110	+ 0.054	...	...	+ 0.2	2329	...	3019	...	7916
1371	130 59 40.5	.158	.277	...	...	+ 0.4	2307	2529	3024	...	7981
1372	148 8 41.8	.165	.134	...	...	+ 2.4	...	...	...	...	7934
1373	147 55 24.1	.191	.137	...	...	+ 2.3	2328	2541	3025	...	7940
1374	82 34 37.6	.283	+ 0.469	- 0.004	...	...	...	2537	3033	958	...
1375	159 37 8.9	.317	- 0.074	- 0.21	...	+ 2.0	2368	...	3034	...	7985
1376	152 4 7.7	.325	+ 0.081	...	...	+ 0.9	2348	...	3040	...	7988
1377	113 19 48.1	.327	.361	- 0.007	...	- 1.1	2313	2546	3043	962	7989
1378	110 9 3.5	.334	.213	...	...	- 2.9	2333	...	3044	...	7991
1379	146 46 4.7	.384	.151	...	...	- 0.1	2343	2561	3050	...	8007
1380	152 28 19.1	.410	.075	...	...	...	...	...	...	...	1278
1381	128 46 25.1	.430	.290	...	...	...	...	...	...	...	...
1382	121 56 19.3	.442	.324	...	...	+ 0.3	2330	2500	3057	...	8017
1383	131 5 45.0	.454	.276	...	...	...	...	...	...	...	1303
1384	130 56 15.4	.510	.277	...	...	+ 1.9	...	...	...	...	8041
1385	151 10 29.2	.511	.095	...	...	...	...	...	...	...	1326
1386	122 7 57.7	.512	.323	...	...	+ 1.7	...	...	...	...	8042
1387	130 32 36.3	.531	.280	...	...	...	...	...	...	...	1340
1388	126 8 23.4	.569	.303	...	...	+ 1.8	2341	2573	3070	...	8057
1389	138 26 44.1	.589	.227	...	...	+ 1.1	2354	...	3073	...	8061
1390	112 52 1.7	.602	.362	- 0.013	- 0.1	- 0.1	...	2574	3076	972	8065
1391	151 47 16.7	.613	.086	...	...	+ 1.5	2377	2589	3075	...	8067
1392	122 37 7.9	.614	.321	...	- 0.8	0.0	2347	2578	3077	...	8068
1393	148 39 36.2	.628	.129	...	...	+ 0.4	2373	2588	3078	...	8071
1394	47 24 12.1	.653	.619	+ 0.067	...	...	...	...	...	965	...
1395	73 29 47.0	.660	.500	+ 0.036	+ 0.6	...	...	2575	3087	969	...
1396	130 55 42.1	.709	.277	...	...	...	...	...	...	...	1438
1397	109 9 2.7	.724	.376	+ 0.041	- 0.5	- 0.1	...	2587	3094	978	8101
1398	122 7 13.9	.741	.323	...	...	+ 2.7	...	...	...	...	8108
1399	140 0 41.9	.766	.215	...	...	...	...	...	...	...	1471
1400	130 57 13.9	+ 2.774	+ 0.277	...	...	...	...	...	...	...	1478

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madrus—		
										Grn. 1880	G.G.A.	
						h m s	s	s	s	s	s	
1401	...	Carinae ... ..	<i>N</i>	4.5	79.87	5	6 32 13.38	+ 1.3236	0.0000	- 0.0040	...	0.00
1402	...	Monocerotis ... ..	<i>R</i>	Var.	69.85	10	6 32 20.36	+ 3.2782	- 0.0007	...	...	...
1403	2174	8 Canis Majoris ... ..	$\nu^3$	4.7	78.14	4	6 32 23.45	+ 2.6388	+ 0.0013	- 0.0011	...	- 0.18
1404	...	B.D. + 8°. 1429 ... ..	...	9.3	73.12	6	6 32 26.08	+ 3.2789	- 0.0008	...	...	...
1405	2180	C.P.D. - 36°. 1014 ... ..	...	5.8	79.48	5	6 32 53.95	+ 2.0793	+ 0.0016	...	...	- 0.09
1406	...	Anonymous ... ..	...	9.1	68.53	5	6 33 39.13	+ 0.5360	- 0.0043	...	...	...
1407	2188	Puppis ... ..	$\nu$	3.2	79.12	10	6 33 56.15	+ 1.8353	+ 0.0014	- 0.0007	...	- 0.15
1408	2182	55 Aurigae ... ..	$\psi^4$	5.2	79.48	5	6 33 58.88	+ 4.3780	- 0.0087	- 0.0053	- 0.14	...
1409	2185	15 Monocerotis ... ..	<i>S</i>	Var.	75.19	10	6 34 5.73	+ 3.3056	- 0.0010	- 0.0007	+ 0.13	...
1410	...	C.P.D. - 40°. 1099 ... ..	...	9.0	67.48	5	6 34 15.04	+ 1.9265	+ 0.0015	...	...	...
1411	...	C.Z. VI. 1603 ... ..	...	7.2	70.29	5	6 34 21.54	+ 1.0023	- 0.0015	...	...	+ 0.03
1412	...	C.P.D. - 49°. 993 ... ..	...	7.1	81.14	5	6 34 27.75	+ 1.5289	+ 0.0006	...	...	+ 0.08
1413	...	C.P.D. - 40°. 1100 ... ..	...	8.5	65.29	5	6 34 51.99	+ 1.9446	+ 0.0015	...	...	...
1414	...	Lalande 12863 ... ..	...	7.3	79.39	10	6 35 16.54	+ 3.2218	- 0.0007	...	...	...
1415	2193	Puppis (2nd) ... ..	<i>V</i>	5.0	78.13	5	6 35 17.77	+ 1.5992	+ 0.0008	...	...	- 0.02
1416	...	C.Z. VI. 1672 ... ..	...	8.5	81.11	5	6 35 28.71	+ 0.9522	- 0.0020	...	...	+ 0.07
1417	...	C.P.D. - 40°. 1105 ... ..	...	8.3	65.90	5	6 36 8.72	+ 1.9388	+ 0.0014	...	...	...
1418	2194	27 Geminorum ... ..	$\epsilon$	3.2	73.69	20	6 36 14.41	+ 3.6919	- 0.0035	- 0.0012	- 0.01	...
1419	...	C.P.D. - 40°. 1108 ... ..	...	8.5	69.12	5	6 36 34.48	+ 1.9504	+ 0.0014	...	...	+ 0.13
1420	...	Anonymous ... ..	...	10.3	68.69	5	6 36 38.02	+ 3.7710	- 0.0040	...	...	...
1421	2203	C.Z. VI. 1735 ... ..	...	6.6	66.30	5	6 36 40.13	+ 0.6491	- 0.0042	...	...	- 0.06
1422	...	C.Z. VI. 1785 ... ..	...	9.0	70.09	5	6 37 43.19	+ 0.4344	- 0.0061	...	...	...
1423	2198	42 Camelopardi ... ..	...	4.9	79.14	5	6 37 54.59	+ 6.2884	- 0.0368	+ 0.0003	+ 0.17	...
1424	...	C.Z. VI. 1799 ... ..	...	8.5	67.70	5	6 37 58.19	+ 0.4144	- 0.0061	...	...	...
1425	...	C.Z. VI. 1815 ... ..	...	7.5	67.71	5	6 38 12.29	+ 0.1150	- 0.0092	...	...	+ 0.18
1426	2206	31 Geminorum ... ..	$\xi$	3.4	81.18	53	6 38 16.37	+ 3.8773	- 0.0017	- 0.0087	- 0.01	...
1427	...	C.Z. VI. 1835 ... ..	...	8.2	67.11	5	6 38 32.50	+ 0.8782	- 0.0029	...	...	- 0.06
1428	...	C.P.D. - 41°. 1090 ... ..	...	9.0	66.71	5	6 39 28.80	+ 1.9245	+ 0.0014	...	...	...
1429	2213	9 Canis Majoris ( <i>Sirius</i> ) <i>a</i>	- 1.4	72.35	21	6 39 38.22	+ 2.6809	+ 0.0010	- 0.0039	- 0.11	- 0.10	
1430	2214	10 Canis Majoris ... ..	...	5.2	79.43	7	6 39 43.20	+ 2.2827	+ 0.0015	...	...	0.00
1431	2209	43 Camelopardi ... ..	...	5.1	79.56	5	6 40 13.11	+ 6.5069	- 0.0459	+ 0.0016	+ 0.13	...
1432	2216	17 Monocerotis ... ..	...	5.0	79.15	5	6 40 32.61	+ 3.2612	- 0.0013	+ 0.001	+ 0.08	...
1433	...	C.Z. VI. 1953 ... ..	...	8.8	67.51	5	6 40 33.27	+ 0.3155	- 0.0076	...	...	+ 0.27
1434	2217	Lalande 13073 ... ..	<i>Neb.</i>	79.94	5	6 40 35.23	+ 2.5764	+ 0.0012	...	...	- 0.27	
1435	...	Anonymous ... ..	...	9.2	69.14	5	6 40 38.83	+ 0.5982	- 0.0053	...	...	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1401	142 52 27.0	+ 2.810	+ 0.190	+ 0.013	...	- 1.0	2383	2604	3103	...	8133
1402	81 9 17.4	.829	.473	...	...	...	...	...	...	...	...
1403	108 7 49.8	.826	.380	- 0.016	...	- 1.0	...	2598	3108	879	8139
1404	81 7 30.8	.829	.472	...	...	...	...	...	...	...	...
1405	126 53 6.8	.869	.299	...	...	+ 0.9	2376	2607	3112	...	8155
1406	152 27 36.8	.934	.076	...	...	...	...	...	...	...	...
1407	133 5 16.6	.959	.264	+ 0.015	...	+ 1.5	2386	2620	3124	...	8181
1408	45 21 2.3	.963	.630	+ 0.040	- 0.5	...	...	2602	...	973	...
1409	79 59 23.6	.973	.476	- 0.009	- 2.9	...	...	...	...	981	...
1410	139 54 50.7	.986	.277	...	...	...	...	...	...	...	1593
1411	147 24 4.3	+ 2.995	.144	...	...	+ 1.4	2406	2630	3128	...	8196
1412	139 25 9.4	+ 3.004	.220	...	...	- 0.1	2395	2629	3130	...	8200
1413	139 24 2.2	.039	.279	...	...	...	...	...	...	...	1635
1414	83 32 15.8	.072	.463	...	...	...	...	...	...	...	...
1415	133 6 32.8	.076	.233	...	...	+ 0.3	2102	2633	3136	...	8227
1416	148 4 24.4	.092	.136	...	...	+ 2.2	2416	...	3137	...	8236
1417	139 34 38.2	.159	.278	...	...	...	...	...	...	...	...
1418	64 44 51.8	.159	.531	+ 0.006	+ 1.1	...	...	2632	...	983	...
1419	139 21 35.2	.187	.280	...	...	+ 1.2	...	...	...	...	8267
1420	62 6 23.9	.192	.542	...	...	...	...	...	...	...	...
1421	151 25 25.5	.195	.092	...	...	+ 2.5	2432	2652	3148	...	8299
1422	153 26 7.8	.236	.061	...	...	...	...	...	...	...	1785
1423	22 17 37.8	.303	.904	- 0.016	- 1.4	...	...	2631	...	974	...
1424	153 21 13.7	.307	.063	...	...	...	...	...	...	...	1799
1425	155 53 18.4	.323	.016	...	...	+ 1.8	2451	...	3160	...	8309
1426	76 53 17.0	.334	.495	+ 0.191	- 0.4	...	...	2650	3165	989	...
1427	149 0 16.9	.357	.125	...	...	+ 1.7	2445	2667	3166	...	8320
1428	131 4 2.5	.438	.276	...	...	...	...	...	...	...	1833
1429	106 32 48.4	.451	.384	+ 1.207	- 0.6	- 1.1	...	2665	3176	994	8348
1430	129 56 38.0	.458	.327	...	...	+ 1.1	2429	2668	3177	...	8351
1431	20 53 13.3	.501	.933	+ 0.005	+ 0.3	...	...	2647	...	980	...
1432	81 49 43.1	.539	.466	- 0.012	- 2.4	...	...	2669	3186	993	...
1433	154 14 9.8	.539	.043	...	...	+ 2.8	...	...	...	...	8375
1434	110 38 39.1	.533	.368	...	...	+ 0.2	...	2672	3185	...	8376
1435	151 59 29.6	+ 3.533	+ 0.084	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
1436	...	C.P.D. — 41°. 1096	...	8.8	65.46	6	6 40 50.62	+ 1.9271	+ 0.0013	...	...	
1437	2157	51 Cophei ( <i>Hev.</i> )	...	5.3	74.79	178	6 41 15.31	+ 30.3010	- 2.0860	- 0.0516	...	
1438	2222	18 Monocrotis	...	4.8	78.11	5	6 41 20.65	+ 3.1307	- 0.0006	- 0.0015	+ 0.07	
1439	...	B.D. + 28°. 1247	...	8.2	85.12	5	6 41 25.49	+ 3.7916	- 0.0051	...	...	
1440	...	W.B.N. VI. 1239	...	8.3	85.13	5	6 41 48.51	+ 3.7848	- 0.0051	...	...	
1441	2210	24 Camelopardi ( <i>Hev.</i> )	...	4.6	79.57	5	6 41 48.87	+ 8.8273	- 0.1153	+ 0.0208	+ 0.65	
1442	2223	58 Aurigæ	...	$\psi^7$ 5.0	79.15	5	6 41 55.45	+ 4.2527	- 0.0005	- 0.0008	...	
1443	...	C.P.D. — 40°. 1151	...	9.0	65.79	9	6 42 44.75	+ 1.9318	+ 0.0013	...	...	
1444	...	W.B.N. VI. 1272	...	8.5	71.28	5	6 42 48.01	+ 3.5331	- 0.0031	...	...	
1445	...	C.Z. VI. 2092	...	9.0	81.13	5	6 42 48.68	+ 1.2628	- 0.0011	...	...	
1446	...	C.P.D. — 40°. 1154	...	$\theta^1$ 6.6	66.53	5	6 42 58.42	+ 1.9313	+ 0.0013	...	...	
1447	...	C.P.D. — 40°. 1153	...	8.0	70.30	12	6 42 58.52	+ 1.9458	+ 0.0013	...	...	
1448	2231	Puppis	...	$\alpha$ 5.3	78.13	5	6 43 4.69	+ 2.0537	+ 0.0014	...	- 0.15	
1449	...	C.P.D. — 40°. 1158	...	$\iota^2$ 7.0	70.31	5	6 43 27.29	+ 1.9448	+ 0.0012	...	...	
1450	...	W.B.N. VI. 1280	...	8.0	82.07	5	6 43 40.22	+ 4.2863	- 0.0104	...	...	
1451	...	C.P.D. — 38°. 1023	...	8.2	66.02	11	6 44 3.07	+ 2.0278	+ 0.0013	...	+ 0.05	
1452	2237	34 Geminorum	...	$\theta$ 3.7	78.14	5	6 44 32.88	+ 3.9606	- 0.0071	- 0.0005	...	
1453	...	C.Z. VI. 2210	...	8.0	68.71	5	6 44 41.82	+ 0.9304	- 0.0033	...	- 0.10	
1454	...	Lalande 13199	...	7.7	80.13	5	6 44 44.17	+ 3.2937	- 0.0017	...	...	
1455	...	Brisbane 1377	...	8.0	64.12	5	6 45 6.80	+ 1.2264	- 0.0014	...	- 0.06	
1456	2246	13 Canis Majoris	...	$\kappa$ 3.9	77.07	5	6 45 10.11	+ 2.2413	+ 0.0015	- 0.0017	...	- 0.27
1457	...	C.P.D. — 38°. 1089	...	9.5	67.92	5	6 45 11.75	+ 2.0287	+ 0.0014	...	...	
1458	...	B.D. — 16°. 1629	...	9.0	68.70	5	6 45 20.97	+ 2.6826	+ 0.0009	...	...	
1459	...	Canis Majoris	...	$\lambda^1$ 5.7	79.43	5	6 45 39.72	+ 2.2672	+ 0.0014	...	- 0.34	
1460	...	W.B.N. VI. 1361	...	8.7	75.13	5	6 46 5.80	+ 3.5340	- 0.0036	...	...	
1461	2252	Brisbane 1378	...	4.0	78.12	4	6 46 19.38	+ 2.1814	+ 0.0015	...	- 0.29	
1462	2253	Brisbane 1379	...	5.1	78.15	6	6 46 22.98	+ 1.6930	+ 0.0006	...	- 0.06	
1463	2243	15 Lynx	...	4.5	79.71	5	6 46 26.80	+ 5.2163	- 0.0252	- 0.0004	...	
1464	2256	Argûs	...	$\tau$ 2.8	77.07	5	6 46 50.00	+ 1.4860	- 0.0003	+ 0.0033	- 0.03	
1465	2260	Pictoris	...	$\alpha$ 3.3	65.10	5	6 46 54.44	+ 0.6301	- 0.0063	- 0.0123	...	- 0.15
1466	...	C.P.D. — 40°. 1183	...	$\theta^6$ 6.5	65.74	5	6 46 54.54	+ 1.9668	+ 0.0013	...	...	
1467	...	Lalande 13279	...	6.8	67.68	5	6 47 5.45	+ 3.6660	- 0.0048	...	...	
1468	2259	Carinæ	...	$\Lambda$ 4.4	78.16	5	6 47 8.11	+ 1.8050	- 0.0011	...	- 0.38	
1469	2258	Puppis	...	$\nu$ 6.1	78.15	5	6 47 17.89	+ 2.1187	+ 0.0014	...	- 0.16	
1470	...	C.P.D. — 40°. 1191	...	7.5	65.89	5	6 47 21.27	+ 1.9586	+ 0.0012	...	- 0.01	

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1436	131 2 5'9	+ 3'555	+ 0'275	...	...	...	...	...	...	...	1970
1437	2 45 50'6	'592	+ 4'316	+ 0'046	...	...	...	...	...	...	...
1438	87 27 10'6	'596	+ 0'147	+ 0'012	+ 0'1	...	...	2678	3194	995	...
1439	61 19 14'7	'605	'542	...	...	...	...	...	...	...	...
1440	61 32 36'0	'639	+ 0'511	...	...	...	...	...	...	...	...
1441	12 52 7'9	'639	+ 1'265	+ 0'021	+ 1'2	...	...	...	...	...	...
1442	48 4 27'0	'618	+ 0'608	+ 0'130	...	...	...	...	...	992	...
1443	130 57 37'3	'719	'275	...	...	...	...	...	...	...	2088
1444	70 39 55'1	'723	'504	...	...	...	...	...	...	...	...
1445	144 1 11'6	'725	'179	...	...	...	...	...	...	...	2022
1446	130 58 46'6	'739	'275	...	...	...	...	...	...	...	...
1447	130 37 3'1	'739	'277	...	...	...	...	...	...	...	2090
1448	127 47 35'7	'747	'292	...	...	+ 0'5	2155	2701	3212	...	8455
1449	130 38 54'6	'780	'277	...	...	...	...	...	...	...	...
1450	47 14 9'0	'798	'612	...	...	...	...	...	...	...	...
1451	128 31 6'3	'830	'288	...	...	+ 2'2	...	...	...	...	8481
1452	55 53 25'0	'874	'565	+ 0'035	...	...	...	2703	...	1003	...
1453	148 31 5'7	'887	'131	...	...	+ 0'9	...	...	...	...	8504
1454	80 24 50'7	'890	'469	...	...	...	...	...	...	...	...
1455	144 36 45'4	'922	'173	...	...	+ 1'0	...	2724	3232	...	8516
1456	122 21 57'4	'927	'319	- 0'018	...	+ 2'0	2474	2717	3234	1008	8518
1457	128 31 11'0	'929	'288	...	...	...	...	...	...	...	2234
1458	106 33 28'0	'951	'382	...	...	...	...	...	...	...	...
1459	121 33 40'4	+ 3'969	'322	...	...	- 1'6	2479	2722	3239	...	8528
1460	70 35 1'1	+ 4'007	'503	...	...	...	...	...	...	...	...
1461	124 13 15'4	'026	'310	...	...	+ 0'3	2486	2727	3248	...	8551
1462	136 28 54'9	'031	'210	...	...	- 0'6	2492	2731	3249	...	8554
1463	31 25 1'6	'037	'743	+ 0'133	...	...	...	2710	...	998	...
1464	140 27 59'9	'070	'210	+ 0'096	...	+ 0'7	2505	2736	3252	...	8568
1465	151 48 28'5	'076	'088	- 0'278	...	+ 2'1	2525	2744	3253	...	8570
1466	130 10 51'4	'076	'279	...	...	...	...	...	...	...	...
1467	65 35 52'7	'092	'522	...	...	...	...	...	...	...	...
1468	143 28 35'7	'096	'184	...	...	- 1'5	2511	2742	3255	...	8573
1469	126 4 44'9	'110	'301	...	...	+ 0'1	2493	2737	3257	...	8577
1470	180 24 5'6	+ 4'114	+ 0'278	...	...	+ 1'8	2500	...	3258	...	8579



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0			Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
						h	m	s				Grn. 1880	C.G.A.
1471	...	Lalande 13333 ...	...	7.5	67.65	5	6 48 0.31	+ 3.6589	- 0.0048	...	...	...	
1472	...	B.D. + 19° . 1533 ...	...	9.4	83.11	4	6 48 7.16	+ 3.5339	- 0.0038	...	...	...	
1473	2263	15 Canis Majoris ...	...	4.4	79.14	5	6 48 8.00	+ 2.5944	+ 0.0010	- 0.0026	...	- 0.04	
1474	...	C.Z. VI. 2424 ...	...	6.4	65.37	5	6 48 21.07	+ 0.7984	- 0.0050	...	...	+ 0.00	
1475	2264	14 Canis Majoris ...	θ	4.2	81.52	61	6 48 22.89	+ 2.7971	+ 0.0004	- 0.0107	0.00	- 0.08	
1476	...	C.P.D. - 40° . 1206 ...	...	8.0	65.09	5	6 48 44.92	+ 1.9546	+ 0.0012	...	...	- 0.16	
1477	...	C.P.D. - 38° . 1078 ...	...	8.8	67.15	4	6 48 51.14	+ 2.0209	+ 0.0013	...	...	+ 0.08	
1478	2267	16 Canis Majoris ...	o <sup>1</sup>	4.0	77.08	5	6 48 56.72	+ 2.4897	+ 0.0013	- 0.0031	0.00	- 0.02	
1479	...	C.P.D. - 40° . 1208 ...	...	9.3	65.14	5	6 49 12.23	+ 1.9690	+ 0.0012	...	...	...	
1480	...	W.B.N. VI. 1448 ...	...	8.8	83.11	5	6 49 15.76	+ 3.7652	- 0.0060	...	...	...	
1481	...	C.P.D. - 38° . 1083 ...	...	9.0	67.60	6	6 49 16.40	+ 2.0228	+ 0.0013	...	...	+ 0.20	
1482	...	C.P.D. - 39° . 1153 ...	...	8.5	66.74	5	6 50 5.02	+ 2.0096	+ 0.0013	...	...	- 0.03	
1483	2276	Brisbane 1401 ...	...	7.0	81.13	5	6 50 7.71	+ 1.2801	- 0.0015	...	...	+ 0.29	
1484	2272	19 Canis Majoris ...	π	4.4	79.54	5	6 50 12.17	+ 2.5978	+ 0.0010	+ 0.0023	...	- 0.15	
1485	...	Anonymous ...	...	10.0	82.07	4	6 50 20.41	+ 4.2893	- 0.0123	...	...	...	
1486	2273	18 Canis Majoris ...	μ	5.2	78.14	5	6 50 22.79	+ 2.7497	+ 0.0005	- 0.0018	- 0.17	- 0.18	
1487	2274	20 Canis Majoris ...	ι	4.5	78.16	5	6 50 33.60	+ 2.6760	+ 0.0008	- 0.0023	- 0.12	- 0.19	
1488	...	Lyncis ...	ℓ	Var.	79.13	10	6 50 58.92	+ 4.9697	- 0.0363	...	...	...	
1489	...	Anonymous ...	...	10.6	68.09	5	6 51 3.21	+ 3.4143	- 0.0031	...	...	...	
1490	2275	39 Geminorum ...	...	6.7	67.74	6	6 51 5.07	+ 3.7150	- 0.0058	- 0.0134	+ 0.03	...	
1491	...	C.P.D. - 24° . 1789 ...	...	7.5	66.10	5	6 51 44.03	+ 2.4700	+ 0.0013	...	...	- 0.01	
1492	...	C.P.D. - 41° . 1169 ...	...	8.5	68.70	5	6 51 49.26	+ 1.9333	+ 0.0011	...	...	...	
1493	...	Volantis ...	ι	5.5	78.16	5	6 52 52.45	- 0.6670	- 0.0276	- 0.001	...	- 0.01	
1494	...	Anonymous ...	...	9.7	72.11	4	6 52 53.24	+ 0.5208	- 0.0086	...	...	...	
1495	2293	21 Canis Majoris ...	ε	1.5	71.88	130	6 53 42.75	+ 2.3572	+ 0.0013	- 0.0009	- 0.03	- 0.09	
1496	2295	Puppis ...	ι	5.2	78.13	5	6 53 50.47	+ 2.1971	+ 0.0013	0.000	...	- 0.13	
1497	...	C.P.D. - 39° . 1198 ...	...	9.0	64.34	5	6 54 9.64	+ 1.9891	+ 0.0012	...	...	...	
1498	...	C.P.D. - 39° . 1212 ...	...	8.5	66.12	5	6 55 57.39	+ 1.9973	+ 0.0012	...	...	...	
1499	...	Piazzi VI. 311 ...	...	8.5	65.85	4	6 56 40.76	+ 3.5641	- 0.0050	...	+ 0.15	...	
1500	2305	43 Geminorum ...	ζ	Var.	68.93	29	6 56 41.59	+ 3.5635	- 0.0050	- 0.0011	- 0.02	...	
1501	2307	19 Monocerotis ...	...	4.8	79.12	6	6 56 42.41	+ 2.9802	- 0.0007	- 0.0014	...	- 0.10	
1502	...	C.P.D. - 39° . 1217 ...	...	9.0	67.12	5	6 56 43.30	+ 2.0112	+ 0.0012	...	...	...	
1503	2309	22 Canis Majoris ...	...	3.5	80.10	10	6 56 44.36	+ 2.3900	+ 0.0013	- 0.0023	+ 0.01	- 0.09	
1504	...	Brisbane 1441 ...	...	8.5	67.92	5	6 57 0.18	+ 0.7418	- 0.0070	...	...	- 0.13	
1505	2311	Lalande 13678 ...	...	7.8	77.07	5	6 57 14.35	+ 2.9796	- 0.0007	...	...	- 0.29	

1496.—P. M. Stone

1503.—Red

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Capo 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1471	65 50 10.9	+ 4.170	+ 0.521	...	...	...	...	...	...	...	...
1472	70 33 5.6	.180	.502	...	...	...	...	...	...	...	...
1473	110 4 16.2	.182	.369	- 0.029	...	- 0.2	...	2743	3267	1012	8602
1474	150 6 19.2	.200	.112	...	...	+ 1.6	2532	...	3269	...	8610
1475	101 53 0.0	.203	.397	+ 0.092	- 1.4	- 0.9	...	2745	3270	1011	8614
1476	130 32 25.7	.234	.277	...	...	+ 1.2	2516	...	3276	...	8623
1477	129 49 10.6	.243	.283	...	...	+ 0.8	...	...	...	...	8626
1478	114 1 45.6	.250	.353	- 0.011	- 0.4	+ 0.2	2506	2752	3279	1014	8629
1479	130 11 3.2	.272	.279	...	...	...	...	...	...	...	...
1480	62 3 5.9	.277	.535	...	...	...	...	...	...	...	...
1481	128 46 48.8	.279	.286	...	...	+ 1.1	...	...	...	...	8640
1482	129 9 8.5	.348	.284	...	...	+ 2.3	...	...	...	...	8655
1483	143 56 7.8	.352	.180	...	...	- 1.6	2537	2767	3291	...	8657
1484	109 58 41.5	.358	.368	- 0.035	...	- 1.4	...	2769	3292	1018	8658
1485	46 59 30.2	.370	.008	...	...	...	...	...	...	...	...
1486	103 52 59.6	.373	.389	- 0.006	- 1.9	- 0.3	...	2769	3294	1017	8664
1487	106 53 36.5	.389	.379	- 0.024	- 1.7	- 0.1	...	2762	3296	1019	8673
1488	34 29 56.7	.424	.705	...	...	...	...	...	...	...	...
1489	75 18 14.5	.431	.484	...	...	...	...	...	...	...	...
1490	63 45 26.6	.433	.527	- 0.083	+ 1.9	...	...	2761	...	1013	...
1491	114 48 21.6	.490	.349	...	...	- 0.2	2538	...	3309	...	8704
1492	131 9 30.5	.496	.273	...	...	...	...	...	...	...	2636
1493	160 48 27.4	.586	.097	- 0.01	...	+ 1.0	2597	...	3315	...	8738
1494	152 55 10.9	.587	.073	...	...	...	...	...	...	...	...
1495	118 48 11.8	.657	.332	- 0.003	- 0.7	+ 0.3	2550	2790	3331	1023	8752
1496	123 56 36.9	.668	.310	- 0.07	...	+ 0.9	2554	2792	3332	...	8757
1497	129 48 23.8	.695	.280	...	...	...	...	...	...	...	2734
1498	129 38 47.9	.848	.281	...	...	...	...	...	...	...	2839
1499	69 13 22.6	.908	.503	...	+ 1.0	...	...	2805	...	...	...
1500	69 14 55.6	.910	.503	- 0.007	+ 1.2	...	...	2806	...	1024	...
1501	94 3 35.8	.912	.419	- 0.028	...	+ 0.4	...	2809	3372	1026	8838
1502	129 18 14.7	.913	.282	...	...	...	...	...	...	...	2957
1503	117 45 20.9	.914	.336	+ 0.012	+ 1.4	+ 0.8	2581	2812	3370	1027	8839
1504	150 55 33.1	.936	.103	...	...	+ 3.0	...	2825	3373	...	8850
1505	94 5 7.3	+ 4.957	+ 0.419	...	...	+ 2.8	...	2813	3377	...	8861

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
1506	...	B.D. + 20°. 1693	...	9.1	69.93	5	6 57 42.91	+ 3.5667	- 0.0052	...	...	...
1507	2318	24 Canis Majoris ...	o <sup>2</sup>	3.0	77.09	5	6 57 48.18	+ 2.5052	+ 0.0011	- 0.0012	- 0.13	- 0.20
1508	...	C.Z. VI. 3027 ...	...	8.0	81.13	5	6 57 53.63	+ 1.0992	- 0.0037	...	...	+ 0.18
1509	2319	23 Canis Majoris ...	γ	4.1	72.53	130	6 58 6.17	+ 2.7145	+ 0.0005	- 0.0003	0.00	- 0.05
1510	...	Lalande 13707 ...	...	8.5	72.12	10	6 58 45.87	+ 3.6179	- 0.0057	...	...	...
1511	...	Anonymous ...	...	9.3	68.14	5	6 59 3.02	+ 3.6223	- 0.0058	...	...	...
1512	...	W.B.N. VI. 1762	...	9.0	68.90	5	6 59 4.54	+ 3.5192	- 0.0049	...	...	...
1513	...	Brisbane 1463 ...	...	8.0	66.47	6	6 59 11.06	+ 0.7440	- 0.0074	...	...	- 0.07
1514	...	Geminorum ...	R	Var.	66.60	14	6 59 49.70	+ 3.6177	- 0.0059	...	...	...
1515	...	B.D. + 23°. 1604	...	9.0	67.32	5	6 59 51.50	+ 3.6202	- 0.0059	...	...	...
1516	2327	Puppis ...	C	5.2	78.14	5	7 0 4.99	+ 1.9033	+ 0.0008	- 0.007	...	- 0.04
1517	2328	Brisbane 1464 ...	...	5.5	79.54	5	7 0 7.28	+ 1.8497	+ 0.0006	...	...	- 0.09
1518	...	C.P.D. - 39°. 1240	...	8.5	67.13	5	7 0 11.06	+ 1.9901	+ 0.0011	...	...	- 0.02
1519	2332	Puppis ...	II	5.2	79.70	5	7 0 38.69	+ 1.5666	- 0.0007	...	...	- 0.01
1520	...	Brisbane 1471 ...	...	7.5	64.78	5	7 1 2.79	+ 1.1770	- 0.0033	...	...	- 0.10
1521	...	B.D. + 29°. 1466	...	8.6	71.29	5	7 1 13.58	+ 3.7915	- 0.0081	...	...	...
1522	...	C.P.D. - 50°. 1143	...	8.0	67.14	3	7 1 16.71	+ 1.5255	- 0.0007	...	...	+ 0.01
1523	...	C.P.D. - 48°. 1038	...	8.5	81.13	5	7 1 49.98	+ 1.5959	- 0.0005	...	...	+ 0.06
1524	...	Canis Majoris ...	R	Var.	65.61	8	7 1 50.02	+ 3.3046	- 0.0031	...	...	...
1525	...	C.P.D. - 39°. 1253	...	8.8	69.60	4	7 1 51.70	+ 2.0037	+ 0.0011	...	...	...
1526	...	B.D. + 28°. 1322	...	9.2	68.47	6	7 1 52.80	+ 3.7840	- 0.0081	...	...	...
1527	2339	Brisbane 1477 ..	...	5.3	79.13	5	7 1 58.33	+ 1.1212	- 0.0039	- 0.0039	...	- 0.16
1528	...	W.B.E. VII. 1920	...	9.0	66.16	2	7 2 4.09	+ 3.3050	- 0.0031	...	...	...
1529	...	C.P.D. - 50°. 1147	...	7.1	70.15	1	7 2 5.90	+ 1.5277	- 0.0008	...	...	+ 0.04
1530	2344	Brisbane 1479 ...	...	6.0	78.13	5	7 3 1.52	+ 1.9655	+ 0.0010	...	...	- 0.02
1531	2338	63 Aurigæ ...	...	5.2	79.14	5	7 3 3.38	+ 4.1337	- 0.0133	+ 0.0027	...	...
1532	...	C.P.D. - 51°. 1073	...	9.0	69.73	5	7 3 10.38	+ 1.4597	- 0.0013	...	...	...
1533	2340	46 Geminorum ...	τ	4.6	78.14	5	7 3 10.91	+ 3.8283	- 0.0090	- 0.0034	- 0.02	...
1534	2345	25 Canis Majoris ...	δ	1.8	79.14	10	7 3 18.42	+ 2.4394	+ 0.0012	- 0.0014	- 0.12	- 0.14
1535	...	C.Z. VII. 254 ...	...	8.5	64.93	5	7 3 35.14	+ 0.7493	- 0.0090	...	...	- 0.05
1536	2343	47 Geminorum ...	...	5.5	67.09	12	7 3 37.77	+ 3.7291	- 0.0077	- 0.0018	- 0.04	...
1537	...	C.P.D. - 40°. 1342	...	8.8	66.12	5	7 3 45.51	+ 1.9837	+ 0.0010	...	...	+ 0.04
1538	2348	20 Monocerotis ...	...	5.1	79.14	5	7 4 1.12	+ 2.9814	- 0.0010	- 0.0008	...	- 0.11
1539	2351	C.P.D. - 25°. 2012	...	6.3	79.78	5	7 4 33.93	+ 2.4725	+ 0.0011	...	...	- 0.14
1540	2355	Puppis ...	λ	4.9	78.14	5	7 4 39.02	+ 2.0153	+ 0.0011	...	...	- 0.36

No.	Mean Polar Distance 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
	° ' "	"	"	"	"	"					
1506	69 5 47·8	+ 4·997	+ 0·502	...	...	...	...	...	...	...	...
1507	113 39 7·2	+ 5·005	·352	- 0·004	- 1·1	- 1·3	2588	2822	3383	1020	8873
1508	146 43 50·2	·012	·153	...	...	+ 2·0	2606	...	3382	...	8876
1509	105 27 0·5	·030	·361	+ 0·001	- 0·3	0·0	...	2823	3385	1028	8880
1510	67 7 35·4	·086	·509	...	...	...	...	...	...	...	...
1511	66 57 1·1	·110	·509	...	...	...	...	...	...	...	...
1512	70 55 46·0	·113	·485	...	...	...	...	...	...	...	...
1513	150 57 47·1	·121	·103	...	...	+ 2·9	...	2840	3395	...	8908
1514	67 6 23·0	·176	·508	...	...	...	...	...	...	...	...
1515	67 0 51·2	·179	·509	...	...	...	...	...	...	...	...
1516	132 9 11·8	·198	·266	- 0·01	...	+ 0·2	2607	2843	3104	...	8935
1517	133 26 5·8	·201	·259	...	...	- 1·6	2608	2845	3105	...	8936
1518	129 44 1·5	·207	·280	...	...	+ 1·0	...	...	...	...	8939
1519	139 24 4·5	·245	·210	...	...	- 3·2	2624	2849	3110	...	8948
1520	145 45 46·0	·279	·164	...	...	+ 0·9	2635	2851	3412	...	8964
1521	60 51 4·6	·294	·532	...	...	...	...	...	...	...	...
1522	140 11 2·3	·298	·213	...	...	+ 0·3	...	...	3417	...	8970
1523	138 53 2·5	·315	·222	...	...	+ 0·3	...	...	...	...	8981
1524	79 46 49·5	·345	·463	...	...	...	...	...	...	...	...
1525	129 40 11·3	·318	·280	...	...	...	...	...	...	...	...
1526	61 5 7·2	·359	·531	...	...	...	...	...	...	...	...
1527	146 33 37·8	·357	·156	+ 0·020	...	+ 0·6	2612	2861	3425	...	8984
1528	79 45 27·2	·366	·463	...	...	...	...	...	...	...	...
1529	140 10 14·8	·368	·213	...	...	+ 0·8	2630	...	3428	...	8990
1530	130 41 54·9	·446	·274	...	...	+ 0·2	2638	2866	3435	...	8993
1531	50 28 40·5	·448	·578	- 0·009	...	...	...	2852	...	1032	...
1532	141 25 4·4	·458	·203	...	...	...	...	...	...	...	8999
1533	59 33 7·5	·450	·535	+ 0·017	+ 0·2	...	...	2854	...	1033	...
1534	116 11 47·7	·469	·340	- 0·006	+ 1·3	+ 2·2	2633	2865	3438	1042	9021
1535	151 2 3·5	·492	·103	...	...	+ 2·2	...	2882	...	...	9029
1536	62 56 25·6	·497	·522	+ 0·045	+ 0·3	...	...	2860	...	1034	...
1537	130 15 29·9	·508	·276	...	...	+ 0·8	...	...	...	...	9035
1538	94 2 37·5	·529	·416	- 0·207	...	+ 3·3	...	2872	3446	1041	9044
1539	115 1 49·1	·575	·344	...	...	- 0·1	2641	2876	3451	...	9057
1540	129 27 21·8	+ 5·582	+ 0·280	...	...	+ 0·8	2649	2885	3453	...	9060

GENERAL CATALOGUE OF STARS FOR 1875.0

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
1541	2326	Radcliffe 1887 ...	5.3	79.61	10	h m s 7 4 39.21	+13.0202	-0.4856	...	+0.02	...
1542	2349	18 Lynois ...	5.3	79.72	5	7 4 59.52	+5.2826	-0.0376	-0.0158	+0.03	...
1543	...	C.Z. VII. 360 ...	9.0	68.96	5	7 5 7.72	+0.1542	-0.0125	...	...	...
1544	...	C.P.D. - 40°. 1351 ...	9.5	66.94	5	7 5 19.51	+1.9077	+0.0009	...	...	...
1545	2358	22 Monocerotis ...	δ 4.0	78.17	5	7 5 28.85	+3.0658	-0.0016	-0.0014	+0.06	-0.03
1546	...	C.P.D. - 40°. 1360 ...	8.5	65.93	5	7 6 9.53	+1.9906	+0.0010	...	...	-0.03
1547	2362	51 Geminorum ...	5.4	79.14	5	7 6 11.57	+3.4486	-0.0050	+0.0003	+0.04	...
1548	...	C.P.D. - 39°. 1291 ...	9.0	66.92	5	7 6 14.15	+2.0194	+0.0011	...	...	...
1549	...	B.D. + 29°. 1482 ...	9.4	67.53	5	7 6 20.29	+3.7851	-0.0088	...	...	...
1550	...	C.Z. VII. 432 ...	7.8	67.33	5	7 6 21.83	+1.0081	-0.0055	...	...	+0.12
1551	...	C.P.D. - 39°. 1301 ...	8.2	66.31	5	7 7 0.96	+2.0333	+0.0011	...	...	-0.02
1552	...	Brisbane 1505 ...	8.0	67.31	5	7 7 25.45	+0.8224	-0.0077	...	...	+0.01
1553	...	W.B.N. VII. 206 ...	8.0	71.09	5	7 8 1.33	+3.5131	-0.0058	...	...	...
1554	2380	Puppis ...	E 5.5	78.15	5	7 8 7.29	+1.9885	+0.0009	-0.0006	...	-0.25
1555	...	C.Z. VII. 555 ...	8.2	66.92	5	7 8 10.01	+0.9628	-0.0074	...	...	...
1556	...	C.Z. VII. 562 ...	8.5	66.71	5	7 8 16.47	+0.6583	-0.0102	...	...	0.00
1557	2389	Puppis ...	I 4.5	78.16	5	7 8 59.82	+1.7243	-0.0001	-0.0155	...	-0.06
1558	2379	Radcliffe 1917 ...	4.8	79.90	5	7 9 1.80	+4.5771	-0.0230	...	0.00	...
1559	2388	27 Canis Majoris ...	4.5	78.16	5	7 9 9.45	+2.4458	+0.0011	-0.0022	-0.08	-0.11
1560	...	C.P.D. - 40°. 1380 ...	8.6	66.91	5	7 9 15.52	+1.9896	+0.0010	...	...	...
1561	2381	64 Aurigæ ...	5.8	79.90	5	7 9 20.45	+4.1857	-0.0157	-0.0035	-0.02	...
1562	2396	Brisbane 1521 ...	7.0	81.14	5	7 9 28.23	+1.1843	-0.0040	...	...	+0.06
1563	...	Puppis ...	L <sup>1</sup> 5.1	78.15	5	7 9 28.86	+1.7977	+0.0003	...	...	-0.18
1564	...	C.P.D. - 50°. 1189 ...	7.8	65.51	5	7 9 38.58	+1.4970	-0.0013	...	...	-0.04
1565	2395	Puppis ...	L <sup>2</sup> Var.	80.11	10	7 9 43.35	+1.8215	+0.0003	...	...	-0.15
1566	2400	Volantis (2nd) ...	γ <sup>2</sup> 4.5	78.18	5	7 9 47.99	-0.4891	-0.0333	...	...	-0.22
1567	...	Brisbane 1519 ...	8.0	64.72	5	7 9 50.17	+2.0029	+0.0010	...	...	-0.07
1568	...	C.P.D. - 40°. 1388 ...	9.6	67.74	5	7 10 8.17	+1.9901	+0.0009	...	...	...
1569	...	C.P.D. - 41°. 1316 ...	9.5	68.36	4	7 10 37.81	+1.9297	+0.0007	...	...	...
1570	2398	54 Geminorum ...	λ 3.6	70.31	10	7 10 54.44	+3.4559	-0.0055	-0.0042	-0.05	...
1571	...	Lalande 14177 ...	8.0	70.94	5	7 11 55.44	+3.5924	-0.0071	...	...	...
1572	2410	55 Geminorum ...	δ 3.6	68.20	141	7 12 39.34	+3.5900	-0.0072	-0.0022	-0.02	...
1573	2407	19 Lynois (2nd) ...	5.2	79.71	5	7 12 39.64	+4.9215	-0.0326	-0.0008	...	...
1574	...	C.Z. VII. 876 ...	8.5	66.96	5	7 12 42.72	+0.5988	-0.0119	...	...	...
1575	2414	Puppis ...	π 2.5	79.13	10	7 12 43.62	+2.1194	+0.0011	-0.0017	...	-0.13

1554.—P. M. Stone

1565.—Red

1568.—C.P.D. Dec.—40° 18.8'

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1541	7 21 19.6	+ 5.583	+ 1.822	...	+ 2.1	...	...	2820	...	...	...
1542	30 8 35.9	.611	+ 0.737	+ 0.258	+ 1.1	...	...	2863	...	1031	...
1543	153 53 9.5	.622	.062	...	...	...	...	...	...	...	360
1544	130 43 34.5	.640	.274	...	...	...	...	...	...	...	368
1545	90 17 14.1	.652	.427	- 0.027	- 1.6	- 0.5	...	2888	3461	1047	9083
1546	130 9 51.6	.709	.277	...	...	+ 1.7	...	2899	3465	...	9099
1547	73 37 50.3	.712	.480	+ 0.033	- 1.3	...	...	2891	3467	1046	...
1548	129 24 17.8	.715	.280	...	...	...	...	...	...	...	426
1549	60 54 38.1	.725	.528	...	...	...	...	...	...	...	...
1550	118 10 17.4	.726	.130	...	...	+ 2.1	2678	...	3466	...	9103
1551	129 3 48.5	.781	.282	...	...	+ 1.9	...	...	...	...	9119
1552	150 22 22.8	.815	.113	...	...	+ 1.8	...	2923	3480	...	9134
1553	70 58 15.6	.865	.487	...	...	...	...	...	...	...	...
1554	130 17 19.2	.874	.274	0.00	...	+ 0.7	2672	2920	3490	...	9152
1555	148 47 6.6	.877	.132	...	...	...	...	...	...	...	555
1556	152 5 6.3	.886	.089	...	...	+ 3.6	...	...	...	...	9155
1557	136 33 5.3	.917	.237	- 0.079	...	+ 0.6	2687	2934	3493	...	9176
1558	40 18 55.2	.949	.634	...	+ 0.6	...	...	...	...	...	...
1559	116 8 17.5	.960	.338	- 0.050	- 3.1	- 0.4	2674	2930	3499	1059	9181
1560	130 18 24.3	.968	.274	...	...	...	...	...	...	...	...
1561	48 53 50.1	.976	.580	- 0.007	- 0.4	...	...	2916	...	1052	...
1562	145 56 40.3	.987	.162	...	...	+ 2.2	2702	...	3500	...	9193
1563	134 57 50.5	+ 5.987	.247	...	...	- 0.1	2690	2938	3501	...	9194
1564	110 59 57.1	+ 6.000	.205	...	...	+ 0.1	2696	...	3504	...	9195
1565	134 26 13.0	.007	+ 0.250	...	...	- 1.5	2691	2939	3505	...	9197
1566	160 17 45.2	.014	- 0.071	...	...	+ 2.2	2743	2953	3508	...	9206
1567	129 58 48.5	.017	+ 0.276	...	...	+ 2.5	...	2940	3508	...	9208
1568	130 19 40.2	.041	.274	...	...	...	...	...	...	...	...
1569	131 53 18.2	.082	.265	...	...	...	...	...	...	...	726
1570	73 14 10.3	.106	.478	+ 0.032	- 0.1	...	...	2941	...	1058	...
1571	67 44 59.5	.191	.496	...	...	...	...	...	...	...	...
1572	67 47 23.7	.252	.495	0.000	+ 1.0	...	...	2954	3551	1062	...
1573	84 29 11.0	.252	.679	+ 0.037	...	...	...	2944	...	1056	...
1574	152 49 3.8	.256	.080	...	...	...	...	...	...	...	876
1575	126 52 27.3	+ 6.257	+ 0.291	- 0.006	...	+ 1.3	2720	2962	3550	...	9288

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
1576	...	C.Z. VII. 913 ...	9.0	81.12	5	h m s 7 13 8.58	+ 1.3078	- 0.0032	...	...	...
1577	...	C.P.D. - 39°. 1343 ...	9.0	65.49	5	7 13 23.57	+ 2.0342	+ 0.0009	...	...	...
1578	2418	30 Canis Majoris ...	4.3	78.14	5	7 13 31.41	+ 2.4879	+ 0.0010	- 0.0018	...	- 0.14
1579	2416	65 Aurigæ ...	5.3	79.13	5	7 13 41.32	+ 4.0278	- 0.0139	- 0.0081	- 0.01	...
1580	2422	Puppis ...	$v^1$ 4.8	80.06	10	7 13 51.64	+ 2.1336	+ 0.0012	...	...	- 0.25
1581	2425	Puppis ...	$v^2$ 5.3	79.76	5	7 14 11.34	+ 2.1338	+ 0.0011	...	...	- 0.37
1582	2426	Puppis ...	$M$ 6.0	79.75	5	7 14 12.10	+ 1.8584	+ 0.0004	...	...	- 0.16
1583	2427	Puppis ...	$F$ 5.3	78.14	5	7 14 17.77	+ 2.0466	+ 0.0009	...	...	- 0.08
1584	...	C.P.D. - 48°. 1121 ...	8.0	66.32	5	7 14 48.49	+ 1.6233	- 0.0008	...	...	...
1585	2429	66 Aurigæ ...	5.3	79.75	5	7 15 28.90	+ 4.1685	- 0.0170	- 0.0006	...	...
1586	...	Brisbane 1586 ...	8.0	67.55	10	7 15 39.53	+ 0.9645	- 0.0071	...	...	+ 0.02
1587	2431	57 Geminorum ...	$A$ 5.0	67.05	15	7 15 51.10	+ 3.6696	- 0.0087	- 0.0063	- 0.07	...
1588	...	W.B.E. VII. 467 ...	9.0	87.15	5	7 16 50.87	+ 3.2680	- 0.0038	...	...	...
1589	2417	Volantis ...	$\delta$ 3.9	79.37	10	7 16 53.13	- 0.0103	- 0.0251	- 0.0010	...	- 0.34
1590	...	Brisbane 1589 ...	7.8	65.74	5	7 17 27.68	+ 0.5802	- 0.0132	...	...	- 0.08
1591	...	C.P.D. - 39°. 1371 ...	8.6	65.10	6	7 17 47.30	+ 2.0425	+ 0.0009	...	...	...
1592	2439	Groombridge 1308 ...	5.8	79.73	5	7 17 51.11	+ 6.3083	- 0.0830	- 0.0022	- 0.01	...
1593	2450	Brisbane 1588 ...	6.9	80.32	6	7 17 53.91	+ 1.1092	- 0.0046	...	...	- 0.11
1594	2442	60 Geminorum ...	$t$ 4.0	72.71	5	7 17 57.59	+ 3.7436	- 0.0101	- 0.0096	- 0.09	...
1595	...	C.P.D. - 39°. 1372 ...	$\theta^4$ 6.5	65.93	5	7 17 59.19	+ 2.0227	+ 0.0009	...	...	...
1596	2449	Puppis ...	$s$ 5.4	79.88	5	7 18 13.87	+ 2.2946	+ 0.0011	...	- 0.09	- 0.07
1597	...	C.P.D. - 39°. 1380 ...	$\theta^4$ 6.5	65.14	5	7 18 26.24	+ 2.0256	+ 0.0010	...	...	...
1598	2458	31 Canis Majoris ...	$\eta$ 2.4	79.15	10	7 19 8.98	+ 2.3732	+ 0.0011	- 0.0007	- 0.12	- 0.21
1599	...	Anonymous ...	10.0	67.89	5	7 19 25.50	+ 3.5480	- 0.0074	...	...	...
1600	...	Lalande 14397 ...	7.0	72.09	5	7 19 26.59	+ 4.4772	- 0.0245	...	...	...
1601	...	C.P.D. - 39°. 1388 ...	7.8	64.50	5	7 19 35.99	+ 2.0436	+ 0.0009	...	...	- 0.05
1602	...	C.P.D. - 52°. 1162 ...	8.0	65.99	7	7 19 48.48	+ 1.4477	- 0.0023	...	...	0.00
1603	...	Anonymous ...	9.3	66.56	5	7 19 56.44	+ 0.6468	- 0.0127	...	...	...
1604	...	C.P.D. - 33°. 1468 ...	9.1	66.15	5	7 20 0.45	+ 2.2516	+ 0.0013	...	...	...
1605	...	C.Z. VII. 1421 ...	8.5	81.13	5	7 20 4.36	+ 1.2563	- 0.0042	...	...	+ 0.10
1606	...	C.Z. VII. 1428 ...	6.9	65.92	5	7 20 10.21	+ 0.7386	- 0.0111	...	...	- 0.05
1607	2460	63 Geminorum ...	5.3	67.61	7	7 20 19.07	+ 3.5719	- 0.0078	- 0.0049	+ 0.01	...
1608	...	Brisbane 1602 ...	7.0	81.16	5	7 20 21.34	+ 1.2563	- 0.0042	...	...	- 0.32
1609	2462	3 Canis Minoris ...	$\beta$ 3.1	82.17	55	7 20 22.23	+ 3.2608	- 0.0041	- 0.0043	- 0.02	...
1610	2464	62 Geminorum ...	$\rho$ 4.2	78.13	5	7 21 4.11	+ 3.8568	- 0.0124	+ 0.0106	- 0.04	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1576	144 15 59.9	+ 6.293	+ 0.178	...	...	...	...	...	...	...	913
1577	129 17 9.6	.313	.279	...	...	...	...	...	...	...	936
1578	114 43 38.1	.324	.341	- 0.031	...	- 1.3	2721	2970	3562	1069	9313
1579	53 0 23.0	.338	.554	+ 0.009	- 1.2	...	...	2961	...	1063	...
1580	126 30 28.4	.852	.292	...	...	+ 2.2	2733	2975	3566	...	9326
1581	126 30 50.1	.379	.292	...	...	+ 1.0	2736	2980	3570	...	9338
1582	133 45 35.3	.380	.254	...	...	+ 0.6	2742	2984	3560	...	9339
1583	128 58 58.3	.388	.280	...	...	- 0.3	2739	2982	3571	...	9341
1584	138 50 45.8	.430	.221	...	...	...	...	...	...	...	1030
1585	49 5 22.1	.487	.572	- 0.011	...	...	...	...	...	1064	...
1586	149 2 6.2	.501	.130	...	...	+ 2.5	...	3005	3579	...	9371
1587	64 42 42.6	.517	.504	+ 0.017	+ 1.3	...	...	2987	...	1068	...
1588	81 10 57.7	.600	+ 0.447	...	...	...	...	...	...	...	...
1589	157 43 42.8	.602	- 0.004	+ 0.014	...	+ 0.8	2809	3027	3593	...	9407
1590	153 9 18.3	.650	+ 0.077	...	...	+ 1.4	2805	...	3600	...	9427
1591	129 14 40.5	.677	.278	...	...	...	...	...	...	...	...
1592	21 16 55.7	.682	.865	+ 0.049	- 1.9	...	...	2991	...	...	...
1593	146 3 39.9	.686	.162	...	...	- 1.2	2798	3029	3612	...	9447
1594	61 67 21.3	.691	.512	+ 0.071	+ 0.8	...	...	3007	...	1072	...
1595	129 47 23.6	.693	.275	...	...	...	...	...	...	...	...
1596	121 41 3.1	.713	.312	...	+ 1.0	+ 0.3	2769	3024	3615	...	9455
1597	129 43 47.6	.730	.275	...	...	...	...	...	...	...	...
1598	110 3 30.2	.790	.323	- 0.011	+ 0.6	+ 0.6	2777	3039	3627	1081	9476
1599	69 16 42.9	.811	.484	...	...	...	...	...	...	...	...
1600	41 49 37.5	.813	.611	...	...	...	...	...	...	...	...
1601	129 17 40.8	.825	.277	...	...	+ 0.3	2796	3043	3631	...	9490
1602	142 16 37.1	.843	.196	...	...	0.0	2807	...	3632	...	9495
1603	152 36 51.4	.855	.086	...	...	...	...	...	...	...	...
1604	123 9 15.1	.860	.306	...	...	...	...	...	...	...	...
1605	145 19 37.5	.865	.109	...	...	- 0.8	...	...	...	...	9507
1606	151 42 43.5	.873	.098	...	...	+ 2.0	2818	3054	3634	...	9510
1607	68 18 5.0	.885	.487	+ 0.101	+ 0.7	...	...	3041	...	1077	...
1608	145 20 17.7	.888	.169	...	...	- 0.2	2812	3051	3638	...	9522
1609	81 27 36.5	.889	.444	+ 0.027	- 2.1	...	...	3042	3642	1070	...
1610	57 58 8.2	+ 0.947	+ 0.525	- 0.196	- 0.7	...	...	3045	...	1078	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0			Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
						h	m	s				Grn. 1880	C.G.A.
1611	2168	4 Canis Minoris ...	$\gamma$	4.6	79.13	5	7 21 21.31	+ 3.2747	- 0.0043	- 0.0006	0.00	...	
1612	...	C.P.D. - 41°. 1411 ...	...	7.8	64.96	5	7 21 55.47	+ 1.0501	+ 0.0006	...	...	- 0.05	
1613	...	W.B.N. VII. 604 ...	...	7.3	82.09	5	7 22 50.18	+ 4.2313	- 0.0201	...	...	...	
1614	2473	6 Canis Minoris ...	...	5.0	69.53	5	7 22 50.21	+ 3.3110	- 0.0052	- 0.0011	...	...	
1615	...	C.P.D. - 39°. 1430 ...	...	9.0	65.90	5	7 23 49.83	+ 2.0330	+ 0.0049	...	...	...	
1616	...	B.D. + 38°. 1778 ...	...	9.5	72.12	5	7 24 9.78	+ 4.0478	- 0.0165	...	...	...	
1617	2478	C.P.D. - 31°. 1588 ...	...	6.1	78.15	5	7 24 15.42	+ 2.3166	+ 0.0011	...	...	- 0.10	
1618	...	C.P.D. - 39°. 1435 ...	...	8.0	67.08	5	7 24 16.33	+ 2.0552	+ 0.0069	...	...	...	
1619	...	C.Z. VII. 1706 ...	...	9.0	69.53	5	7 24 16.42	+ 0.6198	- 0.0135	...	...	...	
1620	...	Anonymous ...	...	10.5	72.95	5	7 24 16.52	+ 4.4610	- 0.0259	...	...	...	
1621	...	B.D. + 48°. 1546 ...	...	9.5	70.79	12	7 24 21.70	+ 4.4559	- 0.0256	...	...	...	
1622	...	Monocerotis ...	$\zeta$ Var.	81.49	10	7 24 49.68	+ 2.8632	- 0.0008	...	...	- 0.13		
1623	...	C.P.D. - 40°. 1500 ...	...	9.0	69.32	5	7 25 6.38	+ 2.0202	+ 0.0009	...	...	...	
1624	...	C.P.D. - 31°. 1602 ...	...	9.1	67.60	6	7 25 11.98	+ 2.3230	+ 0.0011	...	...	...	
1625	2482	Puppis ...	$\sigma$	3.0	77.08	5	7 25 15.82	+ 1.9087	+ 0.0006	- 0.011	...	- 0.18	
1626	...	C.P.D. - 33°. 1524 ...	...	8.8	68.98	6	7 25 23.27	+ 2.2586	+ 0.0011	...	...	...	
1627	...	C.P.D. - 39°. 1450 ...	...	8.5	68.16	5	7 25 49.38	+ 2.0530	+ 0.0009	...	...	- 0.03	
1628	2484	Puppis ...	$k^3$	4.8	78.15	5	7 25 51.04	+ 2.3334	+ 0.0011	...	...	- 0.08	
1629	...	Canis Minoris ...	$\delta$ Var.	64.80	10	7 25 56.09	+ 3.2601	- 0.0014	...	...	...		
1630	...	C.P.D. - 52°. 1192 ...	...	7.8	68.29	5	7 26 21.28	+ 1.4741	- 0.0024	...	...	+ 0.04	
1631	2486	68 Geminorum ...	...	5.0	64.86	10	7 26 28.30	+ 3.4309	- 0.0066	- 0.0023	- 0.11	...	
1632	2485	66 Geminorum (Castor) $a^1$	2.0	74.21	10	7 26 37.00	+ 3.8535	- 0.0134	- 0.0144	+ 0.07	...		
1633	2485	66 Geminorum (Castor) $a^2$	2.8	71.95	110	7 26 37.29	+ 3.8535	- 0.0134	- 0.0144	- 0.02	...		
1634	...	C.P.D. - 39°. 1461 ...	...	9.0	69.10	5	7 26 59.76	+ 2.0387	+ 0.0009	...	...	0.00	
1635	...	C.P.D. - 39°. 1516 ...	...	9.0	63.94	4	7 27 13.16	+ 2.2617	+ 0.0011	...	...	...	
1636	...	C.Z. VII. 1925 ...	...	8.0	69.14	5	7 27 20.18	+ 0.6159	- 0.0146	...	...	...	
1637	...	C.Z. VII. 1972 ...	...	8.0	81.15	5	7 27 51.97	+ 0.9378	- 0.0092	...	...	...	
1638	2493	69 Geminorum ...	$\nu$	4.2	73.72	10	7 28 13.03	+ 3.7083	- 0.0110	- 0.0023	- 0.03	...	
1639	...	C.P.D. - 39°. 1473 ...	...	8.0	65.93	5	7 28 18.59	+ 2.0425	+ 0.0009	...	...	+ 0.01	
1640	2497	Puppis ...	$\eta^1$	5.2	78.17	5	7 29 1.67	+ 2.5418	+ 0.0007	...	+ 0.14	- 0.03	
1641	2498	Puppis ...	$\eta^2$	7.0	78.17	5	7 29 2.27	+ 2.5418	+ 0.0007	...	+ 0.08	- 0.15	
1642	2320	Greenbridge 1118 (Z.P.L. 46)	...	7.1	73.71	20	7 29 4.40	+ 73.4622	- 30.2297	...	...	...	
1643	2500	Puppis ...	$g$	7.0	78.17	5	7 29 19.66	+ 2.4732	+ 0.0010	...	...	- 0.26	
1644	2507	Brisbane 1659 ...	...	7.2	65.13	5	7 29 49.74	+ 1.4156	- 0.0032	...	...	+ 0.06	
1645	...	C.Z. VII. 2129 ...	...	8.5	81.14	5	7 30 15.46	+ 1.3160	- 0.0042	...	...	- 0.02	

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lucillo	Taylor	Capo 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
...	° ' "	"	"	"	"	"	...	...	...	...	...
1611	80 49 23.7	+ 0.970	+ 0.445	- 0.027	- 0.7	...	...	3018	...	1083	...
1612	131 51 43.1	+ 7.017	.264	...	...	+ 3.6	...	...	...	...	9550
1613	47 6 0.5	.032	.575	...	...	...	...	...	...	...	...
1614	77 44 12.3	.092	.453	+ 0.002	...	...	...	3061	...	1085	...
1615	129 46 36.7	.173	.274	...	...	...	...	...	...	...	1677
1616	51 58 44.7	.201	.549	...	...	...	...	...	...	...	...
1617	121 11 58.8	.208	.312	...	...	+ 0.9	2823	3075	3676	...	9621
1618	129 11 25.5	.209	.277	...	...	...	...	...	...	...	1705
1619	152 48 32.6	.209	.085	...	...	...	...	...	...	...	1708
1620	41 57 1.0	.209	.604	...	...	...	...	...	...	...	...
1621	42 2 6.0	.217	.605	...	...	...	...	...	...	...	...
1622	99 31 0.4	.254	.386	...	...	+ 1.6	...	...	...	...	9639
1623	130 10 51.9	.277	.272	...	...	...	...	...	...	...	1766
1624	121 1 40.9	.285	.313	...	...	...	...	...	...	...	...
1625	133 2 59.1	.290	.256	- 0.18	...	+ 1.4	2837	3080	3683	...	9652
1626	123 0 39.5	.300	.304	...	...	...	...	...	...	...	...
1627	129 19 25.8	.336	.276	...	...	+ 0.8	...	...	...	...	9663
1628	120 42 3.7	.339	.314	...	...	+ 1.0	2834	3085	3689	...	9664
1629	81 25 1.3	.346	.440	...	...	...	...	...	...	...	...
1630	142 7 14.2	.379	.197	...	...	+ 0.4	...	...	...	...	9679
1631	73 54 24.4	.389	.463	+ 0.005	+ 0.4	...	...	3085	...	1091	...
1632	57 50 26.7	.400	.519	+ 0.071	+ 1.0	...	...	3082	...	1087	...
1633	57 50 23.2	.400	.519	+ 0.071	+ 0.6	...	...	3083	3696	1087	...
1634	129 46 23.2	.430	.273	...	...	+ 2.1	...	...	...	...	9698
1635	123 8 44.7	.449	.303	...	...	...	...	...	...	...	1920
1636	153 12 5.5	.458	.081	...	...	...	...	...	...	...	1925
1637	149 50 49.4	.502	.124	...	...	...	...	...	...	...	1973
1638	62 46 43.6	.530	.409	+ 0.101	+ 0.7	...	...	3096	...	1094	...
1639	129 44 6.7	.537	.273	...	...	+ 1.7	...	...	...	...	9728
1640	113 12 9.3	.596	.340	...	- 0.2	+ 1.7	2849	3109	3719	...	9744
1641	113 12 10.6	.597	+ 0.340	...	- 2.1	- 1.4	...	3110	3720	...	9745
1642	1 0 22.7	.600	+ 9.916	...	+ 1.1	...	...	...	...	...	...
1643	115 50 39.2	.620	+ 0.331	...	...	+ 1.0	2854	3113	3723	...	9752
1644	143 17 7.4	.661	.188	...	...	- 0.2	2881	3126	3729	...	9764
1645	144 53 34.9	+ 7.695	+ 0.174	...	...	+ 1.6	...	3135	...	...	9775

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Mudrus—		
										Grn. 1880	C.G.A.	
						h	m	s	''	''	''	
1646	...	Anonymous ...	10.1	69.36	5	7 30 41.61	- 0.0061	- 0.0009	...	...	...	
1647	...	C.P.D. - 31°. 1685	8.5	69.34	5	7 30 59.92	+ 2.3039	+ 0.0012	...	...	...	
1648	...	C.P.D. - 41°. 1511	9.2	65.97	5	7 31 26.76	+ 1.4938	+ 0.0008	...	...	...	
1649	2514	Piazzi VII. 161	...	69.89	5	7 31 38.69	+ 3.6336	- 0.0102	...	- 0.03	...	
1650	2519	74 Geminorum ...	f	70.95	5	7 32 15.39	+ 3.4709	- 0.0078	- 0.0019	- 0.02	...	
1651	...	C.P.D. - 39°. 1521	...	66.92	5	7 32 16.81	+ 2.0491	+ 0.0009	...	...	...	
1652	...	C.P.D. - 39°. 1529	...	69.72	5	7 32 42.35	+ 2.0441	+ 0.0008	...	...	- 0.05	
1653	2522	19 Canis Min. (Procyon) α	0.5	70.70	100	7 32 45.39	+ 3.1915	- 0.0011	- 0.0479	- 0.02	...	
1654	...	C.P.D. - 31°. 1720	...	65.73	5	7 33 8.78	+ 2.3095	+ 0.0012	...	...	- 0.13	
1655	...	C.Z. VII. 2351	...	68.92	5	7 33 12.91	+ 0.6396	- 0.0153	...	...	...	
1656	...	C.Z. VII. 2382	...	66.29	5	7 33 32.70	+ 1.3892	- 0.0037	...	...	- 0.05	
1657	2580	Puppis ...	k <sup>1</sup>	4.6	78.17	5	7 33 41.88	+ 2.4601	+ 0.0010	...	...	- 0.16
1658	2531	Puppis ...	k <sup>2</sup>	4.6	78.18	5	7 33 42.54	+ 2.4601	+ 0.0010	...	...	- 0.01
1659	...	B.D. + 43°. 1726	...	8.9	82.10	5	7 33 43.15	+ 4.2157	- 0.0227	...	...	...
1660	...	B.D. + 21°. 1666	...	9.5	70.13	5	7 34 43.05	+ 3.5626	- 0.0044	...	...	...
1661	...	Brisbane 1694	...	6.0	81.18	5	7 34 46.27	+ 1.6972	- 0.0009	...	...	- 0.03
1662	2513	Puppis ...	δ <sup>1</sup>	5.1	79.23	5	7 35 3.01	+ 2.1155	+ 0.0011	...	...	- 0.11
1663	...	Anonymous ...	...	10.5	69.61	4-2	7 35 10.30	+ 3.5557	- 0.0093	...	...	...
1664	2542	26 Monocrotis ...	γ	4.2	78.18	5	7 35 16.50	+ 2.8728	- 0.0011	- 0.0077	+ 0.06	- 0.04
1665	2545	Puppis ...	δ <sup>2</sup>	5.9	79.23	5	7 35 18.74	+ 2.1218	+ 0.0011	...	...	- 0.15
1666	...	B.D. + 21°. 1670	...	9.5	70.34	5	7 35 20.80	+ 3.5616	- 0.0005	...	...	...
1667	...	C.Z. VII. 2533	...	8.5	67.56	5	7 35 27.39	+ 0.6709	- 0.0152	...	...	...
1668	...	C.P.D. - 39°. 1559	...	8.5	65.89	5	7 35 29.21	+ 2.0408	+ 0.0008	...	...	...
1669	2540	75 Geminorum ...	σ	4.1	79.72	5	7 35 29.85	+ 3.7550	- 0.0130	+ 0.0045	...	...
1670	...	C.Z. VII. 2554	...	8.0	68.91	5	7 35 44.98	+ 1.3643	- 0.0041	...	...	...
1671	...	B.D. + 23°. 1798	...	9.5	69.33	5	7 35 49.72	+ 3.6086	- 0.0131	...	...	...
1672	...	C.P.D. - 47°. 1492	...	8.0	81.15	5	7 35 52.91	+ 1.7502	- 0.0005	...	...	...
1673	...	Puppis ...	R	Var.	81.10	10	7 36 1.56	+ 2.3276	+ 0.0012	...	...	- 0.15
1674	2549	76 Geminorum ...	ϕ	5.3	69.50	5	7 36 29.25	+ 3.6694	- 0.0124	- 0.0028	...	...
1675	...	Brisbane 1713	...	8.5	69.98	5	7 36 42.88	+ 0.9303	- 0.0105	...	...	+ 0.15
1676	...	C.P.D. - 38°. 1526	...	8.0	68.98	5	7 36 53.51	+ 2.0869	+ 0.0010	...	...	- 0.05
1677	2551	77 Geminorum ...	κ	3.6	76.67	11	7 36 53.86	+ 3.6320	- 0.0109	- 0.0031	- 0.07	...
1678	...	C.P.D. - 39°. 1581	...	8.2	65.89	5	7 37 0.75	+ 2.0504	+ 0.0008	...	...	- 0.01
1679	...	C.P.D. - 40°. 1633	...	8.0	70.36	5	7 37 9.71	+ 2.0177	+ 0.0009	...	...	- 0.06
1680	...	C.P.D. - 47°. 1505	...	7.8	81.20	5	7 37 23.54	+ 1.7412	- 0.0006	...	...	- 0.18

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Capo 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1646	158 43 43.3	+ 7.730	- 0.016	...	...	...	...	...	...	...	...
1647	121 55 52.0	.756	+ 0.307	...	...	...	...	...	...	...	2196
1648	131 11 59.6	.792	.265	...	...	...	...	...	...	...	2233
1649	65 29 47.0	.807	.487	...	+ 0.3	...	...	3133	...	...	...
1650	72 2 34.5	.857	.463	- 0.018	+ 0.9	...	...	3138	...	1108	...
1651	129 45 19.7	.858	.272	...	...	...	...	...	...	...	2238
1652	129 54 42.7	.893	.271	...	...	+ 0.9	...	...	...	...	9848
1653	84 27 22.9	.897	.425	+ 1.020	+ 0.9	...	...	3142	3760	1106	...
1654	121 50 54.1	.928	.307	...	...	+ 0.7	2893	...	3764	...	9860
1655	153 13 4.7	.933	.083	...	...	...	...	...	...	...	2251
1656	143 54 23.6	.956	.183	...	...	0.0	2910	...	3770	...	9874
1657	116 31 7.6	.974	.326	...	...	+ 0.4	2896	3156	3773	...	9880
1658	116 31 15.0	.974	.326	...	...	+ 0.3	...	3157	3774	...	9881
1659	47 0 39.3	+ 7.974	.561	...	...	...	...	...	...	...	...
1660	68 10 20.8	+ 8.054	.473	...	...	...	...	...	...	...	...
1661	138 19 1.5	.059	.224	...	...	+ 0.1	2918	3177	3784	...	9917
1662	128 1 20.4	.081	.279	...	...	+ 1.2	2909	3176	3787	...	9925
1663	68 26 27.5	.090	.472	...	...	...	...	...	...	...	...
1664	89 15 40.1	.099	.380	+ 0.024	- 0.2	+ 1.1	...	3173	3791	1110	9933
1665	127 51 10.1	.102	.280	...	...	+ 1.0	2913	3179	3792	...	9934
1666	68 11 18.2	.105	.472	...	...	...	...	...	...	...	...
1667	153 1 5.1	.113	.087	...	...	...	...	...	3790	...	2533
1668	129 59 20.4	.116	.270	...	...	...	...	...	...	...	2534
1669	60 48 58.6	.117	.498	+ 0.223	...	...	...	3172	...	1108	...
1670	144 21 11.6	.135	.179	...	...	...	...	...	...	...	2554
1671	66 17 25.4	.143	.479	...	...	...	...	...	...	...	...
1672	137 15 38.4	.150	.230	...	...	...	...	...	...	...	2507
1673	121 22 17.6	.159	.306	...	...	+ 1.0	2916	...	3804	...	9958
1674	63 55 13.1	.196	.485	+ 0.026	...	...	...	3181	...	1109	...
1675	150 20 35.7	.214	.120	...	...	+ 1.9	...	3195	3809	...	9974
1676	123 56 43.3	.229	.274	...	...	+ 1.7	...	...	...	...	9979
1677	65 18 16.1	.229	.480	+ 0.044	+ 0.8	...	...	3185	...	1111	...
1678	129 58 47.8	.246	.269	...	...	+ 1.0	...	...	...	...	9983
1679	130 52 23.8	.249	.264	...	...	+ 2.6	...	...	...	...	9984
1680	137 32 21.5	+ 8.269	+ 0.237	...	...	+ 0.2	2937	...	3814	...	9983

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
1681	2555	78 Geminorum (Pollux) $\beta$	1.1	69.93	131	h m s 7 37 39.84	s + 3.7284	s - 0.0128	s - 0.0481	s - 0.03	s ...	
1682	...	C.P.D. - 40°. 1651 ...	9.0	69.54	5	7 37 55.61	+ 2.0149	+ 0.0008	...	...	+ 0.07	
1683	...	C.Z. VII. 2732 ...	8.0	81.14	5	7 37 57.57	+ 1.3113	- 0.0049	...	...	+ 0.13	
1684	...	B.D. + 21°. 1678 ...	9.5	70.95	5	7 38 0.49	+ 3.5510	- 0.0095	...	...	...	
1685	...	W.B.E. VII. 1127 ...	8.5	83.12	5	7 38 6.46	+ 3.2618	- 0.0053	...	...	...	
1686	...	C.P.D. - 38°. 1546 ...	7.8	67.31	5	7 38 9.57	+ 2.0907	+ 0.0010	...	...	+ 0.07	
1687	...	Anonymous ...	10.4	74.20	5	7 38 26.31	+ 3.5512	- 0.0097	...	...	...	
1688	2560	1 Puppis ...	5.0	79.72	5	7 38 29.59	+ 2.4229	+ 0.0011	- 0.0007	...	- 0.12	
1689	2562	3 Puppis ...	4.2	78.17	5	7 38 47.37	+ 2.4084	+ 0.0011	- 0.0015	...	- 0.16	
1690	2558	81 Geminorum ...	5.1	64.40	5	7 38 53.08	+ 3.4861	- 0.0086	- 0.0062	- 0.09	...	
1691	2566	Puppis ...	T	5.1	79.91	5	7 39 5.02	+ 1.8643	+ 0.0002	...	...	- 0.16
1692	2570	Puppis ...	W	5.1	78.16	5	7 39 26.52	+ 2.0314	+ 0.0008	...	...	- 0.23
1693	...	C.P.D. - 41°. 1619 ...	7.8	66.33	6	7 39 27.68	+ 2.0115	+ 0.0009	...	...	- 0.06	
1694	2573	4 Puppis ...	5.2	79.26	5	7 40 11.58	+ 2.7644	- 0.0004	...	...	+ 0.01	
1695	...	C.Z. VII. 2936 ...	7.2	65.79	6	7 40 33.83	+ 1.4101	- 0.0038	...	...	+ 0.01	
1696	2580	Puppis ...	c	3.4	78.16	5	7 40 48.00	+ 2.1384	+ 0.0011	- 0.0042	...	- 0.15
1697	...	C.Z. VII. 2994 ...	8.0	68.17	6	7 41 3.76	+ 0.6801	- 0.0161	...	...	...	
1698	...	C.Z. VII. 3028 ...	8.0	67.76	5	7 41 27.66	+ 0.8379	- 0.0128	...	...	- 0.09	
1699	...	C.Z. VII. 3053 ...	8.2	67.55	5	7 41 47.53	+ 1.3899	- 0.0041	...	...	+ 0.21	
1700	...	Geminorum ...	T	Var.	65.21	9	7 41 47.82	+ 3.6109	- 0.0110	...	...	...
1701	...	C.Z. VII. 3067 ...	8.0	70.91	5	7 41 54.61	+ 1.1282	- 0.0078	...	...	+ 0.03	
1702	...	C.P.D. - 47°. 1547 ...	8.0	81.19	5	7 41 55.95	+ 1.7652	- 0.0005	...	...	...	
1703	...	C.P.D. - 48°. 1276 ...	7.8	81.19	5	7 42 6.77	+ 1.7209	- 0.0007	...	...	- 0.12	
1704	...	C.Z. VII. 3084 ...	8.8	69.37	5	7 42 11.73	+ 0.6948	- 0.0161	...	...	+ 0.23	
1705	...	C.Z. VII. 3089 ...	8.5	71.12	5	7 42 18.06	+ 0.7063	- 0.0158	...	...	...	
1706	2594	Puppis ...	o	4.7	78.18	5	7 42 53.30	+ 2.4944	+ 0.0008	...	- 0.13	- 0.28
1707	2597	Puppis ...	S	Var.	81.12	10	7 43 5.90	+ 1.7441	- 0.0007	...	...	- 0.48
1708	2607	Volantis ...	$\zeta$	3.8	78.59	5	7 43 20.60	- 0.6998	- 0.0610	+ 0.003	...	- 0.21
1709	2608	Brisbane 1765 ...	...	5.3	79.55	5	7 43 44.90	+ 1.8141	- 0.0002	...	...	- 0.03
1710	...	C.P.D. - 52°. 1278 ...	7.2	67.12	5	7 43 45.83	+ 1.5314	- 0.0026	...	...	- 0.06	
1711	...	Puppis ...	T	Var.	81.12	10	7 43 52.15	+ 2.0514	+ 0.0009	...	...	- 0.08
1712	...	R.P.L. 48 ...	...	7.4	83.11	20	7 44 2.06	+ 20.4810	- 2.3456	...	...	...
1713	2602	7 Puppis ...	$\xi$	3.4	82.72	51	7 44 2.18	+ 2.5234	+ 0.0008	- 0.0016	- 0.07	- 0.15
1714	2601	6 Puppis ...	...	5.7	79.37	5	7 44 2.25	+ 2.7069	0.0000	...	- 0.12	- 0.23
1715	...	C.Z. VII. 3244 ...	...	8.0	68.55	5	7 44 11.59	+ 0.6217	- 0.0180	...	...	- 0.02

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1681	61 40 27.3	+ 8.290	+ 0.491	+ 0.015	+ 1.4	...	...	3190	3823	1112	...
1682	130 59 36.1	.310	.264	...	...	+ 2.7	...	...	...	...	10008
1683	145 21 32.9	.313	.170	...	...	+ 1.3	2951	...	3824	...	10010
1684	68 31 [97]	.317	.468	...	...	...	...	...	...	...	...
1685	81 8 17.8	.325	.429	...	...	...	...	...	...	...	...
1686	128 54 25.0	.329	.274	...	...	+ 1.5	...	...	...	...	10018
1687	68 30 3.5	.351	.467	...	...	...	...	...	...	...	...
1688	118 6 55.2	.355	.317	- 0.058	...	+ 0.8	2032	3201	3828	1118	10025
1689	118 39 26.8	.377	.315	+ 0.001	...	+ 0.9	2938	3205	3831	...	10083
1690	71 11 13.6	.387	.459	+ 0.044	+ 0.2	...	...	3199	...	1115	...
1691	134 51 29.9	.403	.243	...	...	+ 4.3	2950	3209	3832	...	10042
1692	130 37 46.9	.331	.265	...	...	+ 1.0	2945	3214	3840	...	10060
1693	131 10 9.7	.432	.262	...	...	+ 0.5	...	...	...	...	10063
1694	104 15 39.5	.491	.361	...	...	- 1.3	...	3217	3854	...	10093
1695	143 56 31.2	.520	.182	...	...	+ 1.0	2971(?)	...	3858	...	10105
1696	127 39 58.7	.539	.278	+ 0.002	...	+ 0.3	2958	3229	3864	...	10113
1697	153 11 14.0	.559	.086	...	...	...	...	...	...	...	2984
1698	151 36 4.8	.591	.107	...	...	+ 2.4	...	...	...	...	10138
1699	144 20 15.7	.617	.179	...	...	+ 2.0	...	...	...	...	10149
1700	65 57 25.1	.617	.472	...	...	...	...	...	...	...	...
1701	143 9 54.0	.627	.145	...	...	+ 2.4	...	...	...	...	10155
1702	137 16 50.9	.628	.228	...	...	...	...	...	...	...	3069
1703	138 3 6.0	.643	.224	...	...	+ 0.1	...	...	...	...	10166
1704	153 5 56.0	.649	.088	...	...	+ 3.0	...	...	...	...	10168
1705	152 59 31.0	.657	.089	...	...	...	...	...	...	...	3089
1706	115 37 41.0	.705	.324	...	- 1.1	- 0.6	2981	3248	3895	...	10182
1707	137 48 20.0	.720	+ 0.225	...	...	+ 1.8	2999	3253	3899	...	10192
1708	162 18 22.8	.740	- 0.096	0.00	...	+ 2.9	3056	...	3900	...	10208
1709	136 17 57.7	.771	+ 0.234	...	...	+ 0.8	3003	3265	3909	...	10211
1710	142 2 19.0	.773	.197	...	...	+ 0.3	3013	...	3908	...	10212
1711	130 20 27.9	.781	+ 0.265	...	...	+ 0.5	3001	3264	3914	...	10220
1712	3 56 52.8	.794	+ 2.081	...	...	...	...	...	...	...	...
1713	114 32 49.9	.794	+ 0.327	- 0.016	- 1.5	- 0.6	2994	3262	3917	1132	10225
1714	106 54 41.2	.794	.351	...	- 0.9	+ 0.1	...	3257	3918	...	10226
1715	153 53 15.9	+ 8.806	+ 0.078	...	...	+ 2.4	3084	...	3916	...	10232

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
1716	...	C.P.D. — 40°. 1783 ...	9.0	68.75	5	h m s 7 44 32.25	s + 2.0304	s + 0.0008	...	s ...	s ...
1717	2611	Puppis ... .. Q	4.7	79.74	5	7 44 36.92	+ 1.7959	- 0.0004	...	...	- 0.15
1718	...	C.Z. VII. 3345 ...	7.2	64.92	5	7 45 20.47	+ 1.3986	- 0.0042	...	...	- 0.09
1719	2620	Puppis ... .. P	4.1	78.53	5	7 45 25.77	+ 1.8291	- 0.0001	- 0.0019	...	- 0.15
1720	...	C.P.D. — 39°. 1732 ...	8.0	66.14	5	7 45 29.63	+ 2.0869	+ 0.0010	...	...	...
1721	...	C.P.D. — 39°. 1742 ...	8.5	70.78	5	7 45 43.33	+ 2.0862	+ 0.0010	...	...	...
1722	2617	83 Geminorum ... .. $\phi$	4.9	60.44	5	7 45 50.74	+ 3.6844	- 0.0130	- 0.0023	+ 0.10	...
1723	2622	9 Puppis ... ..	5.5	78.37	5	7 45 58.91	+ 2.7834	- 0.0006	- 0.0064	- 0.04	- 0.15
1724	2626	Brisbane 1788 ...	5.6	79.25	5	7 46 25.45	+ 1.2936	- 0.0056	...	...	- 0.16
1725	...	C.P.D. — 42°. 1697 ...	8.0	69.90	5	7 46 25.46	+ 1.9757	+ 0.0007	...	...	...
1726	...	Brisbane 1789 ... ..	7.8	72.90	5	7 46 33.46	+ 1.3973	- 0.0043	...	...	- 0.01
1727	...	Brisbane 1791 ... ..	8.2	66.70	5	7 46 33.88	+ 1.4007	- 0.0043	...	...	- 0.09
1728	2585	Groombridge 1859 (E.P.L. 49)	6.5	77.40	56-59	7 46 43.70	+ 15.2805	- 1.2348	...	...	...
1729	...	C.Z. VII. 3460 ...	8.5	67.14	5	7 46 44.90	+ 1.4037	- 0.0042	...	...	...
1730	...	C.Z. VII. 3463 ...	7.5	67.38	8	7 46 46.55	+ 1.3815	- 0.0045	...	...	+ 0.05
1731	...	Melbourne 379 ... ..	8.0	81.23	5	7 46 52.92	+ 0.9311	- 0.0119	...	...	+ 0.01
1732	...	C.P.D. — 48°. 1309 ...	8.0	81.18	5	7 47 4.26	+ 1.7361	- 0.0031	...	...	...
1733	...	C.Z. VII. 3492 ...	8.5	69.95	5	7 47 13.77	+ 0.6921	- 0.0170	...	...	+ 0.15
1734	2629	C.P.D. — 34°. 1776 ...	5.0	78.18	5	7 47 35.68	+ 2.2561	+ 0.0014	- 0.0020	- 0.15	- 0.13
1735	...	Geminorum ... .. U	Var.	67.13	13	7 47 41.19	+ 3.5618	- 0.0108	...	...	...
1736	...	Anonymous ... ..	11.2	71.80	3	7 47 48.79	+ 3.5599	- 0.0108	...	...	...
1737	2634	Puppis ... .. a	3.7	78.42	5	7 47 55.20	+ 2.0635	+ 0.0010	- 0.0020	...	- 0.18
1738	...	C.Z. VII. 3565 ...	8.0	81.14	5	7 48 7.08	+ 0.9323	- 0.0121	...	...	...
1739	2635	Puppis ... .. $\delta$	4.7	78.38	5	7 48 13.14	+ 2.1238	+ 0.0012	...	...	- 0.14
1740	...	Brisbane 1806 ... ..	7.8	65.96	5	7 48 44.49	+ 1.0673	- 0.0095	...	...	+ 0.07
1741	...	C.P.D. — 39°. 1808 ...	9.3	69.17	5	7 49 5.52	+ 2.0772	+ 0.0010	...	...	...
1742	...	B.D. + 22°. 1813 ...	8.7	67.83	6	7 49 7.70	+ 3.5573	- 0.0109	...	...	...
1743	...	C.P.D. — 40°. 1881 ...	8.9	67.13	5	7 49 21.64	+ 2.0594	+ 0.0010	...	...	...
1744	...	Brisbane 1818 ... ..	4.8	78.17	5	7 49 32.11	+ 1.6925	- 0.0012	...	...	- 0.28
1745	2644	Puppis ... .. J	4.3	77.07	5	7 49 37.57	+ 1.7642	- 0.0006	- 0.0002	...	- 0.31
1746	...	C.Z. VII. 3685 ... ..	8.0	68.57	5	7 49 38.02	+ 0.7815	- 0.0153	...	...	+ 0.08
1747	2639	1 Castor ... ..	5.9	67.08	5	7 49 53.54	+ 3.4150	- 0.0085	- 0.0030	+ 0.04	...
1748	...	Brisbane 1816 ... ..	7.8	70.38	5	7 49 59.77	+ 1.0757	- 0.0095	...	...	- 0.16
1749	...	C.P.D. — 40°. 1894 ...	8.5	69.43	4	7 50 4.70	+ 2.0585	+ 0.0010	...	...	...
1750	...	C.P.D. — 40°. 1895 ...	9.0	73.52	6	7 50 6.72	+ 2.0632	+ 0.0010	...	...	...





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —			
										Grn. 1880	C.G.A.		
1751	...	O.Z. VII. 3723 ...	7.8	69.36	5	h m s 7 50 7.51	+ 1.0830	- 0.0092	...	...	- 0.01		
1752	...	C.P.D. — 39°. 1832 ...	9.0	64.72	5	7 50 14.39	+ 2.1016	+ 0.0011	...	...	...		
1753	...	C.P.D. — 39°. 1839 ...	8.5	67.98	5	7 50 28.02	+ 2.0898	+ 0.0011	...	...	+ 0.06		
1754	...	C.P.D. — 39°. 1847 ...	8.5	73.20	5	7 50 49.10	+ 2.0997	+ 0.0011	...	...	...		
1755	...	W.B.E. VII. 1477 ...	8.5	75.15	5	7 51 8.57	+ 3.3315	- 0.0071	...	...	...		
1756	2653	11 Puppis ...	j	4.3	79.22	5	7 51 28.02	+ 2.5815	+ 0.0007	- 0.0044	- 0.11	- 0.16	
1757	...	Anonymous ...	...	9.5	72.42	5	7 51 48.76	+ 0.8841	- 0.0135	...	...	...	
1758	...	C.P.D. — 40°. 1925 ...	7.0	73.41	5	7 52 5.66	+ 2.0677	+ 0.0010	...	...	- 0.04		
1759	...	Brisbane 1828 ...	...	8.5	67.55	5	7 52 5.91	+ 1.4292	- 0.0041	...	...	+ 0.24	
1760	...	C.Z. VII. 3887 ...	...	8.0	66.95	5	7 52 13.39	+ 1.1546	- 0.0083	...	...	...	
1761	...	Anonymous ...	...	9.8	73.16	3	7 52 19.19	+ 0.8811	- 0.0137	...	...	...	
1762	...	C.Z. VII. 3927 ...	...	7.8	71.96	5	7 52 37.89	+ 0.8974	- 0.0134	...	...	- 0.05	
1763	...	C.Z. VII. 3979 ...	...	8.0	69.11	5	7 53 9.68	+ 1.4091	- 0.0044	...	...	...	
1764	2665	Carinae ...	...	χ	3.6	77.09	5	7 53 35.88	+ 1.5313	- 0.0029	- 0.0050	- 0.25	
1765	...	B.D. + 12°. 1740 ...	...	9.2	75.12	5	7 53 44.83	+ 3.3260	- 0.0072	...	...	...	
1766	...	Anonymous ...	...	9.4	75.14	5	7 53 51.96	+ 1.0427	- 0.0106	...	...	...	
1767	...	C.Z. VII. 4049 ...	...	9.0	71.15	5	7 53 55.44	+ 1.0443	- 0.0104	...	...	...	
1768	2663	4 Cancri ...	...	ω <sup>2</sup>	7.0	67.49	5	7 54 11.24	+ 3.6307	+ 0.0130	- 0.0024	- 0.08	
1769	2666	B.F. 1129 ...	...	4.6	78.16	5	7 54 15.77	+ 2.6894	+ 0.0002	...	- 0.06	- 0.18	
1770	2664	5 Cancri ...	...	...	6.4	68.26	5	7 54 22.77	+ 3.4267	- 0.0090	- 0.0018	+ 0.01	
1771	...	C.P.D. — 44°. 2061 ...	...	9.5	81.13	5	7 54 37.61	+ 1.8325	+ 0.0006	...	...	...	
1772	2070	Brisbane 1839 ...	...	4.5	78.18	5	7 54 38.61	+ 1.7271	- 0.0010	...	...	- 0.27	
1773	2668	28 Monocerotis ...	...	4.9	79.23	5	7 54 51.75	+ 3.0508	- 0.0033	+ 0.0024	...	- 0.06	
1774	...	Brisbane 1849 ...	...	8.5	66.12	6	7 55 29.71	+ 1.4474	- 0.0041	...	...	+ 0.02	
1775	2680	Brisbane 1855 ...	...	6.5	65.18	5	7 55 36.78	+ 0.7792	- 0.0165	...	...	- 0.14	
1776	...	C.P.D. — 38°. 1823 ...	...	8.5	64.14	4	7 55 48.62	+ 2.1406	+ 0.0013	...	...	...	
1777	2673	B.F. 1125 ...	...	4.6	78.24	5	7 55 45.55	+ 3.1269	- 0.0043	- 0.0024	- 0.07	...	
1778	2672	6 Cancri ...	...	...	5.0	72.43	120	7 55 50.26	+ 3.6979	- 0.0148	- 0.0025	0.00	
1779	...	Brisbane 1854 ...	...	...	7.5	68.42	11	7 56 3.94	+ 1.4609	- 0.0040	...	...	- 0.11
1780	...	C.P.D. — 39°. 1961 ...	...	9.5	68.52	5	7 56 54.72	+ 2.1145	+ 0.0013	...	...	...	
1781	...	C.Z. VII. 4400 ...	...	8.5	69.76	5	7 57 44.49	+ 0.4031	- 0.0273	...	...	...	
1782	2696	Brisbane 1870 ...	...	6.3	79.92	5	7 57 45.47	+ 1.4811	- 0.0087	...	...	- 0.11	
1783	2690	8 Cancri ...	...	...	5.1	71.97	5	7 58 6.53	+ 3.3510	- 0.0079	- 0.0024	...	
1784	2713	Carinae ...	...	D	6.0	64.56	5	7 58 45.18	+ 0.7709	- 0.0172	...	...	- 0.07
1785	...	C.Z. VII. 4567 ...	...	8.0	81.15	5	7 58 55.38	+ 1.2307	- 0.0075	...	...	...	



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Muras—	
										Grn. 1880.	C.G.A.
1786	2697	27 Lyncis ... ..	4.8	79.56	5	h m s 7 59 2.85	+ 4.5505	- 0.0414	- 0.0068	0.00	...
1787	2710	Puppis ... ..	ξ	79.14	10	7 59 11.46	+ 2.1106	+ 0.0013	- 0.0031	...	- 0.07
1788	2707	55 Camelopardi ... ..	5.5	79.76	5	8 0 20.63	+ 0.0608	- 0.1190	- 0.0002	- 0.05	...
1789	2714	10 Cancri ... ..	μ <sup>2</sup>	72.70	8	8 0 24.41	+ 3.5381	- 0.0117	+ 0.0012	+ 0.06	...
1790	...	B.D. + 11°. 1756 ... ..	9.3	69.79	3	8 0 45.97	+ 3.3069	- 0.0074	...	...	...
1791	...	Anonymous ... ..	10.7	65.06	2	8 0 51.60	+ 3.3071	- 0.0074	...	...	...
1792	...	B.D. + 20°. 2007 ... ..	9.5	70.90	4	8 1 22.68	+ 3.5069	- 0.0113	...	...	...
1793	...	C.Z. VIII. 117 ... ..	8.0	65.00	5	8 1 31.50	+ 0.5222	- 0.0216	...	...	+ 0.39
1794	...	C.Z. VIII. 122 ... ..	8.8	66.36	5	8 1 34.06	+ 1.0295	- 0.0166	...	...	...
1795	...	B.D. + 20°. 2009 ... ..	9.5	70.19	2	8 1 36.69	+ 3.5065	- 0.0113	...	...	...
1796	2720	12 Cancri ... ..	7.0	68.93	5	8 1 43.23	+ 3.3597	- 0.0083	- 0.0008	...	...
1797	...	B.D. + 20°. 2010 ... ..	9.5	72.11	5	8 1 43.85	+ 3.5124	- 0.0114	...	...	...
1798	...	W.B.N. VII. 1684 ... ..	9.0	70.93	5	8 2 2.47	+ 3.5024	- 0.0113	...	...	...
1799	...	B.D. + 20°. 2011 ... ..	9.4	71.14	4	8 2 3.15	+ 3.5086	- 0.0114	...	...	...
1800	2728	15 Puppis ... ..	ρ	72.12	150	8 2 13.20	+ 2.5609	+ 0.0009	- 0.0073	- 0.01	- 0.10
1801	2725	29 Monocerotis ... ..	ξ	78.24	5	8 2 18.65	+ 3.0195	- 0.0031	- 0.0027	0.00	- 0.02
1802	...	C.P.D. - 23°. 3373 ... ..	9.5	67.97	5	8 2 30.84	+ 2.5646	+ 0.0009	...	...	...
1803	...	C.P.D. - 38°. 1962 ... ..	8.0	65.14	6	8 2 35.55	+ 2.1511	+ 0.0015	...	...	...
1804	2730	14 Cancri ... ..	ψ <sup>2</sup>	70.08	5	8 2 55.12	+ 3.6300	- 0.0140	- 0.0072	- 0.15	...
1805	2736	16 Puppis ... ..	4.2	78.15	5	8 3 26.71	+ 2.6797	+ 0.0003	- 0.0016	- 0.03	- 0.16
1806	...	C.Z. VIII. 370 ... ..	9.0	68.39	5	8 4 39.95	+ 0.6513	- 0.0217	...	...	+ 0.04
1807	...	Lalande 16007 ... ..	8.0	75.12	5	8 4 52.37	+ 3.3059	- 0.0076	...	...	...
1808	...	Brisbane 1919 ... ..	7.5	65.94	5	8 4 56.62	+ 0.8137	- 0.0172	...	...	+ 0.16
1809	2744	16 Cancri ... ..	ξ	66.88	10	8 5 2.44	+ 3.4441	- 0.0103	+ 0.0033	+ 0.02	...
1810	2754	Velorum ... ..	γ <sup>1</sup>	78.17	5	8 5 38.22	+ 1.8496	0.0000	...	...	- 0.16
1811	2755	Velorum ... ..	γ <sup>2</sup>	79.12	10	8 5 40.73	+ 1.8500	+ 0.0001	- 0.0020	...	- 0.20
1812	...	C.P.D. - 40°. 2172 ... ..	8.0	67.10	5	8 5 42.22	+ 2.0879	+ 0.0013	...	...	...
1813	...	B.D. + 12°. 1791 ... ..	9.5	67.20	4	8 5 56.64	+ 3.3189	- 0.0080	...	...	...
1814	...	C.P.D. - 38°. 2023 ... ..	9.3	68.78	5	8 6 0.88	+ 2.1598	+ 0.0016	...	...	...
1815	...	B.D. + 12°. 1792 ... ..	9.3	66.39	5	8 6 2.98	+ 3.3261	- 0.0081	...	...	...
1816	...	C.P.D. - 51°. 1386 ... ..	7.1	81.14	5	8 6 5.98	+ 1.6407	- 0.0019	...	...	+ 0.06
1817	...	C.P.D. - 85°. 2027 ... ..	8.2	66.65	6	8 6 27.51	+ 2.1599	+ 0.0016	...	...	+ 0.04
1818	...	C.P.D. - 88°. 2028 ... ..	8.5	77.34	5	8 6 29.51	+ 2.1604	+ 0.0016	...	...	...
1819	2764	Brisbane 1928 ... ..	5.8	78.76	5	8 6 38.81	+ 1.4030	- 0.0062	...	...	- 0.10
1820	2762	Puppis ... ..	λ <sup>1</sup>	78.78	5	8 6 53.60	+ 2.1432	+ 0.0015	...	...	- 0.14

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras—		Lacaille	Taylor	Capo 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1786	38 8 7.4	+ 0.955	+ 0.572	+ 0.001	+ 0.1	...	...	3388	...	1154	...
1787	120 39 7.2	+ 0.965	.263	- 0.012	...	...	3130	3410	4097	...	10691
1788	21 9 39.8	+ 10.053	.761	- 0.01	- 0.1	...	...	3391	...	1148	...
1789	68 3 26.9	.053	.443	+ 0.059	+ 0.7	...	...	3415	...	1161	...
1790	78 29 41.9	.085	.414	...	...	...	...	...	...	...	...
1791	78 31 31.9	.092	.413	...	...	...	...	...	...	...	...
1792	69 21 15.7	.132	.438	...	...	...	...	...	...	...	...
1793	155 39 16.5	.142	.002	...	...	0.0	3174	...	4113	...	10743
1794	150 33 13.9	.146	.126	...	...	...	...	...	...	...	122
1795	69 21 37.6	.149	.437	...	...	...	...	...	...	...	...
1796	75 50 50.4	.157	.418	+ 0.019	...	...	...	3421	...	1165	...
1797	69 5 54.4	.158	.438	...	...	...	...	...	...	...	...
1798	69 31 6.3	.182	.437	...	...	...	...	...	...	...	...
1799	69 14 58.3	.182	.437	...	...	...	...	...	...	...	...
1800	113 56 42.7	.195	.318	- 0.054	- 0.6	+ 0.2	3153	3434	4127	1170	10763
1801	92 37 16.7	.200	.375	- 0.018	- 0.6	+ 0.4	...	3428	4128	1168	10764
1802	113 48 39.2	.214	.318	...	...	...	...	...	...	...	...
1803	128 41 18.8	.223	.296	...	...	...	...	...	...	...	196
1804	64 6 50.3	.248	.452	+ 0.351	+ 1.2	...	...	3432	4134	1167	...
1805	108 52 46.8	.287	.332	- 0.013	- 3.9	- 1.7	...	3442	4139	1174	10797
1806	154 42 26.6	.379	.078	...	...	+ 1.4	...	...	...	...	10880
1807	78 26 49.0	.394	.497	...	...	...	...	...	...	...	...
1808	153 9 19.6	.399	.098	...	...	+ 3.7	3200	...	4154	...	10840
1809	71 53 37.8	.407	.425	+ 0.104	- 0.2	...	...	3448	...	1175	...
1810	136 53 40.8	.451	.226	...	...	+ 0.2	3185	3463	4163	...	10861
1811	136 58 9.0	.454	.226	+ 0.010	...	+ 0.5	...	3464	4164	...	10863
1812	130 47 17.9	.456	.256	...	...	...	...	...	...	...	453
1813	77 39 28.2	.474	.410	...	...	...	...	...	...	...	...
1814	128 40 41.5	.480	.265	...	...	...	...	...	...	...	...
1815	77 26 52.0	.482	.410	...	...	...	...	...	...	...	...
1816	141 28 30.8	.486	.199	...	...	- 0.6	3193	...	4170	...	10879
1817	128 42 27.9	.512	.264	...	...	+ 1.4	...	...	...	...	10885
1818	128 41 37.9	.515	.263	...	...	...	...	...	...	...	522
1819	145 43 2.8	.527	.169	...	...	- 0.9	3208	3478	4179	...	10889
1820	129 14 40.4	+ 10.545	+ 0.261	...	...	+ 1.3	3191	3474	4188	...	10901

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
1821	2770	Carinae ... ..	<i>B</i>	4.8	78.59	5	8 6 55.98	+ 1.0272	- 0.0129	...	...	- 0.05
1822	2767	Brisbane 1929 ... ..		4.8	78.77	5	8 7 12.65	+ 2.0269	+ 0.0011	...	...	+ 0.11
1823	2773	Volantis ... ..	<i>ε</i>	4.4	78.60	5	8 7 30.94	+ 0.2277	- 0.0364	0.0000	...	- 0.32
1824	2769	20 Puppis ... ..		5.1	78.18	5	8 7 35.13	+ 2.7593	- 0.0004	- 0.0019	- 0.08	- 0.25
1825	2774	Puppis ... ..	<i>γ</i>	5.0	78.47	5	8 8 46.45	+ 2.2615	+ 0.0018	...	...	- 0.03
1826	...	C.P.D. - 38°. 2053 ... ..		9.0	77.15	5	8 8 46.89	+ 2.1664	+ 0.0017	...	...	...
1827	...	B.D. + 12°. 1801 ... ..		9.5	66.21	5	8 8 56.26	+ 3.3235	- 0.0081	...	...	...
1828	...	C.P.D. - 38°. 2057 ... ..		8.5	68.55	5	8 8 57.74	+ 2.1672	+ 0.0017	...	...	...
1829	...	Canceri ... ..	<i>R</i>	Var.	64.61	10	8 9 40.28	+ 3.3144	- 0.0080	...	...	...
1830	...	B.D. + 12°. 1804 ... ..		9.0	66.63	5	8 9 44.02	+ 3.3227	- 0.0082	...	...	...
1831	2778	17 Canceri ... ..	<i>β</i>	3.8	81.99	54	8 9 44.05	+ 3.2624	- 0.0072	- 0.0042	- 0.03	...
1832	...	W.B.E. VIII. 220 ... ..		8.0	67.57	5	8 9 59.99	+ 2.8854	- 0.0015	...	...	...
1833	...	B.D. + 15°. 1792 ... ..		8.9	65.94	5	8 10 1.54	+ 3.3892	- 0.0065	...	...	...
1834	...	Anonymous ... ..		9.7	70.14	5	8 10 17.57	+ 1.0554	- 0.0120	...	...	...
1835	2776	30 Lyncis ... ..		5.9	78.68	5	8 10 19.73	+ 4.8843	- 0.0611	+ 0.0051	...	...
1836	...	C.Z. VIII. 859 ... ..		9.2	68.39	5	8 10 30.85	+ 1.0759	- 0.0116	...	...	...
1837	...	W.R.N. VIII. 178 ... ..		9.3	67.56	5	8 10 32.61	+ 3.3886	- 0.0096	...	...	...
1838	...	C.Z. VIII. 868 ... ..		9.0	68.96	5	8 10 37.26	+ 1.0017	- 0.0133	...	...	...
1839	...	Anonymous ... ..		9.8	66.59	5	8 11 5.37	+ 3.3182	- 0.0082	...	...	...
1840	...	Lalande 16224 ... ..		9.5	65.16	5	8 11 10.86	+ 3.3959	- 0.0097	...	...	...
1841	...	C.Z. VIII. 939 ... ..		8.5	67.34	5	8 11 32.69	+ 0.9511	- 0.0147	...	...	+ 0.01
1842	...	C.Z. VIII. 986 ... ..		8.6	69.99	5	8 12 0.90	+ 0.9587	- 0.0146	...	...	- 0.06
1843	...	C.P.D. - 41°. 2322 ... ..		9.0	75.11	5	8 12 10.78	+ 2.0676	+ 0.0014	...	...	...
1844	...	C.P.D. - 41°. 2324 ... ..		9.5	73.53	5	8 12 18.24	+ 2.0724	+ 0.0014	...	...	...
1845	...	B.D. + 28°. 1564 ... ..		8.0	72.18	2	8 12 24.45	+ 3.6887	- 0.0169	...	...	...
1846	...	B.D. + 28°. 1565 ... ..		9.2	70.17	3	8 12 24.71	+ 3.6894	- 0.0169	...	...	...
1847	...	C.P.D. - 38°. 2109 ... ..		8.5	65.36	5	8 12 41.15	+ 2.1737	+ 0.0018	...	...	...
1848	...	C.P.D. - 40°. 2324 ... ..		8.0	71.98	5	8 13 5.32	+ 2.1174	+ 0.0016	...	...	...
1849	...	C.P.D. - 40°. 2325 ... ..		8.5	71.17	5	8 13 5.33	+ 2.1134	+ 0.0016	...	...	...
1850	2789	19 Canceri ... ..	<i>λ</i>	5.7	72.10	5	8 13 6.00	+ 3.5796	- 0.0142	- 0.0024	- 0.04	...
1851	...	C.P.D. - 38°. 2114 ... ..		9.0	65.43	7	8 13 9.25	+ 2.1765	+ 0.0018	...	...	...
1852	...	C.P.D. - 41°. 2337 ... ..		9.0	73.62	5	8 13 18.52	+ 2.6902	+ 0.0015	...	...	...
1853	...	C.P.D. - 40°. 2329 ... ..	<i>φ</i>	9.6	68.35	5	8 13 20.66	+ 2.1084	+ 0.0013	...	...	...
1854	2796	Carinae ... ..	<i>C</i>	5.3	78.76	5	8 13 2.21	+ 0.9238	- 0.0157	...	...	- 0.12
1855	...	C.Z. VIII. 1117 ... ..		8.0	81.15	5	8 13 32.84	+ 1.5851	- 0.0028	...	...	...

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1821	150 55 25.3	+ 10.548	+ 0.122	...	...	+ 0.2	3222	3484	4187	...	10004
1822	132 36 53.8	.569	.216	...	...	- 1.1	3197	3480	4192	...	10013
1823	158 15 1.3	.590	.023	0.00	...	+ 1.5	3242	3405	4196	...	10023
1824	105 24 40.6	.596	.337	- 0.006	- 0.7	+ 1.0	...	3470	4200	1179	10925
1825	125 31 23.0	.685	.275	...	...	- 0.2	3212	3462	4213	...	10963
1826	128 40 55.5	.685	.262	...	...	...	...	...	...	...	722
1827	77 28 28.0	.697	.406	...	...	...	...	...	...	...	...
1828	128 10 21.4	.698	.263	...	...	...	...	...	...	...	732
1829	77 53 30.4	.751	.401	...	...	...	...	...	...	...	...
1830	77 29 26.0	.756	.405	...	...	...	...	...	...	...	...
1831	80 25 50.6	.756	.397	+ 0.040	- 0.8	...	...	...	4226	1180	...
1832	99 23 40.7	.775	.350	...	...	...	...	...	...	...	...
1833	74 18 0.0	.777	+ 0.413	...	...	...	...	...	...	...	...
1834	150 48 40.3	.798	- 0.125	...	...	...	...	...	...	...	...
1835	31 52 10.9	.800	+ 0.595	- 0.043	...	...	...	3489	...	1178	...
1836	150 34 37.7	.813	.127	...	...	...	...	...	...	...	859
1837	74 18 12.1	.815	.412	...	...	...	...	...	...	...	...
1838	151 28 17.9	.821	.118	...	...	...	...	...	...	...	868
1839	77 39 45.8	.855	.403	...	...	...	...	...	...	...	...
1840	73 56 10.0	.862	.412	...	...	...	...	...	...	...	...
1841	152 6 30.4	.889	.112	...	...	+ 3.4	...	...	...	...	11038
1842	152 3 18.1	.924	.112	...	...	+ 4.1	...	...	...	...	11058
1843	131 52 34.7	.936	.248	...	...	...	...	...	...	...	999
1844	131 44 51.1	.945	.248	...	...	...	...	...	...	...	1013
1845	61 8 25.1	.951	.446	...	...	...	...	...	...	...	...
1846	61 10 7.1	.951	.446	...	...	...	...	...	...	...	...
1847	128 45 41.5	+ 10.973	.261	...	...	...	...	...	...	...	1043
1848	130 30 21.7	+ 11.002	.253	...	...	...	...	...	...	...	1079
1849	130 37 16.4	.002	.253	...	...	...	...	...	...	...	1080
1850	65 35 10.1	.003	.431	+ 0.028	+ 1.2	...	...	3519	...	1182	...
1851	128 42 56.2	.007	.261	...	...	...	...	...	...	...	1085
1852	131 19 14.1	.019	.250	...	...	...	...	...	...	...	1097
1853	130 47 34.4	.021	.252	...	...	...	...	...	...	...	...
1854	152 31 50.1	.023	.108	...	...	+ 1.0	3275	...	4261	...	11097
1855	143 5 16.8	+ 11.036	+ 0.188	...	...	...	...	...	...	...	1117

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual P <sub>101</sub> or Motion	Madras -		
										Grn. 1880	C.G.A.	
						h m s	s	s	h	h	s	
1856	...	C.P.D. - 41°. 2346	...	9.4	67.57	5	8 13 36.31	+ 2.0761	+ 0.0015	...	...	...
1857	...	C.P.D. - 41°. 2351	...	9.5	67.17	5	8 13 43.53	+ 2.0774	+ 0.0015	...	...	...
1858	...	C.P.D. - 41°. 2353	...	9.6	73.21	5	8 13 50.20	+ 2.0767	+ 0.0015	...	...	...
1859	2795	Puppis ...	...	9	78.15	5	8 13 52.67	+ 2.2538	+ 0.0020	- 0.0135	...	- 0.06
1860	...	C.P.D. - 43°. 2436	...	9.0	66.54	5	8 14 4.50	+ 2.0210	+ 0.0013	...	...	...
1861	2793	31 Lyncis ...	...	4.4	78.95	5	8 14 16.34	+ 4.1325	- 0.0311	- 0.0020	+ 0.03	...
1862	2792	Radcliffe 2130	...	5.8	78.96	5	8 14 19.85	+ 4.5810	- 0.0192	...	- 0.13	...
1863	...	Canceri ...	...	V	75.18	10	8 14 35.02	+ 3.4270	- 0.0108	...	...	...
1864	...	C.Z. VIII. 1208	...	8.8	67.78	5	8 14 39.23	+ 0.7788	- 0.0198	...	...	...
1865	...	Lalande 16364	...	8.0	53.10	5	8 14 55.64	+ 3.3198	- 0.0091	...	...	...
1866	...	C.P.D. - 52°. 1435	...	8.0	66.17	5	8 15 8.36	+ 1.6338	- 0.0021	...	...	+ 0.09
1867	...	C.Z. VIII. 1261	...	8.0	65.73	5	8 15 9.92	+ 0.7927	- 0.0195	...	...	- 0.01
1868	...	W.B.E. VIII. 383	...	7.5	67.35	5	8 15 58.41	+ 2.8698	- 0.0014	...	...	- 0.01
1869	2799	20 Canceri ...	...	d <sup>1</sup>	67.71	5	8 16 12.16	+ 3.4479	- 0.0114	- 0.0053	- 0.11	...
1870	2802	Puppis ...	...	4.8	78.15	5	8 16 27.55	+ 2.3627	+ 0.0020	...	...	- 0.30
1871	...	B.D. + 12°. 1830	...	9.5	66.57	5	8 17 2.20	+ 3.3159	- 0.0085	...	...	...
1872	...	C.P.D. - 51°. 1438	...	8.5	65.94	5	8 17 42.12	+ 1.6959	- 0.0014	...	...	...
1873	...	Lalande 16476	...	9.0	65.76	5	8 17 58.95	+ 3.3095	- 0.0084	...	...	...
1874	...	Anonymous ...	...	9.8	66.76	5	8 18 7.42	+ 0.7721	- 0.0207	...	...	...
1875	2787	Groombridge 1418 (R.P.L. 53)	...	7.5	82.02	20-18	8 18 23.02	+ 17.0247	- 2.1711	...	- 0.27	...
1876	2823	Volorum ...	...	B	78.15	5	8 18 40.84	+ 1.8471	+ 0.0002	...	...	- 0.20
1877	...	C.Z. VIII. 1672	...	9.0	67.41	5	8 18 58.69	+ 1.0866	- 0.0122	...	...	...
1878	...	B.D. + 19°. 2009	...	9.3	67.34	5	8 19 13.46	+ 3.4704	- 0.0122	...	...	...
1879	2825	Hydrae ...	...	C	78.59	5	8 19 24.85	+ 3.0051	- 0.0032	- 0.0053	...	- 0.01
1880	...	Piazzi VIII. 72	...	5.8	78.59	5	8 19 39.84	+ 2.5923	+ 0.0011	...	...	- 0.18
1881	2827	C.P.D. - 28°. 3765	...	5.5	78.25	5	8 19 42.98	+ 2.5924	+ 0.0011	...	...	- 0.03
1882	2819	1 Ursae Majoris ...	...	o	78.17	5	8 19 51.77	+ 5.0506	- 0.0763	- 0.0186	- 0.03	...
1883	2832	Carinae ...	...	e	79.12	10	8 19 56.83	+ 1.2415	- 0.0089	- 0.0040	...	- 0.17
1884	...	Brisbane 2014	...	...	67.34	11	8 20 33.44	+ 1.5158	- 0.0039	...	...	- 0.02
1885	...	W.B.N. VIII. 459	...	8.0	64.72	5	8 20 54.22	+ 3.3754	- 0.0160	...	...	...
1886	...	C.Z. VIII. 1758	...	8.2	69.73	7	8 21 14.11	+ 0.8994	- 0.0175	...	...	+ 0.21
1887	...	Brisbane 2021	...	6.8	67.97	5	8 21 31.83	+ 1.5179	- 0.0038	...	...	+ 0.03
1888	2836	29 Canceri ...	...	5.9	65.26	6	8 21 38.79	+ 3.3565	- 0.0096	- 0.0026	+ 0.09	...
1889	...	C.Z. VIII. 1811	...	9.0	70.06	5	8 21 49.00	+ 0.9042	- 0.0174	...	...	...
1890	...	C.P.D. - 41°. 2521	...	8.5	67.16	5	8 21 53.27	+ 2.1012	+ 0.0018	...	...	...





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Mudras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	s
1891	2842	2 Ursae Majoris ...	<i>A</i>	5.3	78.79	5	8 23 23.14	+ 5.4578	- 0.1036	- 0.0095	- 0.01	...
1892	...	Brisbane 2035 ...	...	8.0	66.12	5	8 23 34.18	+ 2.1363	+ 0.0020	...	...	- 0.08
1893	...	Brisbane 2042 ...	...	8.0	73.54	5	8 23 36.68	+ 1.5284	- 0.0037	...	...	- 0.09
1894	...	B.D. + 16°. 1743 ...	...	9.0	65.00	5	8 23 45.10	+ 3.3936	- 0.0109	...	...	...
1895	...	C.Z. VIII. 1989 ...	...	7.2	74.34	5	8 23 47.75	+ 1.5311	- 0.0057	...	...	+ 0.02
1896	...	C.P.D. - 38°. 2351 ...	...	8.5	64.37	5	8 23 56.46	+ 2.2062	+ 0.0023	...	...	...
1897	2863	Volantis ...	<i>β</i>	3.6	78.15	5	8 24 22.34	+ 0.6772	- 0.0251	- 0.0078	...	- 0.02
1898	2853	31 Cancri ...	<i>θ</i>	5.8	68.94	5	8 24 27.96	+ 3.4340	- 0.0118	- 0.0051	+ 0.01	...
1899	...	B.D. + 16°. 1751 ...	...	9.0	64.57	5	8 25 22.06	+ 3.3852	- 0.0106	...	...	...
1900	2862	33 Cancri ...	<i>η</i>	5.5	71.56	182	8 25 28.64	+ 3.4825	- 0.0129	- 0.0033	- 0.01	...
1901	...	Brisbane 2062 ...	...	7.2	65.15	5	8 26 3.47	+ 2.1677	+ 0.0022	...	...	- 0.03
1902	...	Brisbane 2051 ...	...	7.8	66.51	6	8 26 7.60	+ 2.1683	+ 0.0022	...	...	- 0.02
1903	...	Brisbane 2068 ...	...	7.5	66.95	5	8 26 10.44	+ 1.2337	- 0.0045	...	...	- 0.03
1904	...	Anonymous ...	...	10.0	72.51	5	8 26 15.11	+ 3.6472	- 0.0176	...	...	...
1905	...	Anonymous ...	...	8.0	67.09	1	8 26 23.50	+ 1.5373	- 0.0036	...	...	...
1906	...	C.Z. VIII. 2209 ...	...	8.0	71.15	5	8 26 23.71	+ 1.5393	- 0.0636	...	...	...
1907	...	Lalande 16797 ...	...	7.8	83.11	5	8 26 39.87	+ 3.3391	- 0.0097	...	...	...
1908	...	C.P.D. - 40°. 2582 ...	<i>ρ</i>	2.1	68.18	5	8 26 49.23	+ 2.1551	+ 0.0022	...	...	...
1909	...	W.B.N. VIII. 635 ...	...	8.8	64.85	6	8 28 16.08	+ 3.3813	- 0.0107	...	...	...
1910	...	Cancri ...	<i>U</i>	Var.	72.03	9	8 28 37.12	+ 3.4458	- 0.0124	...	...	...
1911	2888	Lalande 16882 ...	...	6.5	64.94	5	8 29 7.00	+ 3.3722	- 0.0105	...	...	...
1912	...	Anonymous ...	...	9.2	68.17	5	8 29 15.81	+ 3.3502	+ 0.0092	...	...	...
1913	2884	4 Ursae Majoris ...	<i>π</i> <sup>2</sup>	4.8	78.24	5	8 29 15.93	+ 5.3279	- 0.1002	- 0.0107	- 0.02	...
1914	...	Lalande 16890 ...	...	8.1	65.62	5	8 29 18.86	+ 3.3922	- 0.0110	...	...	...
1915	...	C.Z. VIII. 2459 ...	...	7.8	65.46	4	8 29 24.63	+ 1.0806	- 0.0135	...	...	+ 0.04
1916	...	B.D. + 19°. 2046 ...	...	9.5	70.35	6	8 29 25.33	+ 3.4441	- 0.0124	...	...	...
1917	...	W.B.N. VIII. 684 ...	...	8.0	67.05	6	8 29 38.81	+ 3.4445	- 0.0124	...	...	...
1918	...	R.P.L. 55 ...	...	7.5	82.91	20	8 29 41.97	+ 13.7976	- 1.4726	...	...	...
1919	...	W.B.E. VIII. 699 ...	...	8.0	67.77	5	8 30 8.88	+ 3.4436	- 0.0124	...	...	...
1920	...	C.P.D. - 38°. 2473 ...	...	8.5	65.77	5	8 30 38.30	+ 2.2207	+ 0.0026	...	...	...
1921	...	Velorum ...	<i>C</i>	5.5	78.59	5	8 30 54.52	+ 1.8335	+ 0.0063	...	...	- 0.11
1922	2901	4 Hydrae ...	<i>δ</i>	4.1	78.15	5	8 31 2.17	+ 3.1859	- 0.0065	- 0.0065	- 0.07	...
1923	...	C.P.D. - 39°. 2622 ...	...	9.0	67.75	5	8 31 36.61	+ 2.1934	+ 0.0014	...	...	...
1924	...	Brisbane 2103 ...	...	8.5	63.76	5	8 31 43.48	+ 1.7619	- 0.0006	...	...	- 0.07
1925	2915	Velorum ...	<i>E</i>	6.4	78.77	5	8 32 8.17	+ 1.7931	- 0.0002	...	...	- 0.18

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1891	24 25 51.4	+ 11.744	+ 0.610	+ 0.063	- 1.4	...	...	3600	...	1195	...
1892	130 49 56.2	.757	.248	...	...	+ 0.8	...	3620	4382	...	11386
1893	144 57 3.3	.761	.176	...	...	+ 0.2	...	3627	4381	...	11388
1894	73 27 33.8	.770	.397	...	...	...	...	...	...	...	...
1895	144 55 15.1	.773	.176	...	...	+ 1.4	3358	3631	4383	...	11291
1896	128 40 45.3	.783	.256	...	...	...	...	...	...	...	2009
1897	155 43 12.1	.814	.075	+ 0.181	...	0.0	3384	3642	4388	...	11407
1898	71 29 5.6	.821	.401	+ 0.050	- 0.7	...	...	3621	...	1203	...
1899	73 47 59.7	.884	.394	...	...	...	...	...	...	...	...
1900	69 8 4.7	.892	.404	+ 0.036	+ 0.6	...	...	3633	4411	1207	...
1901	130 5 31.9	.933	.249	...	...	+ 0.9	...	3651	4419	...	11447
1902	130 4 59.2	.937	.219	...	...	+ 1.8	3309	3652	4422	...	11449
1903	119 42 29.8	.941	.140	...	...	+ 3.7	3303	...	4420	...	11451
1904	61 49 54.7	.947	.423	...	...	...	...	...	...	...	...
1905	145 2 9.8	.956	.175	...	...	...	...	...	...	...	...
1906	144 59 57.2	.957	.175	...	...	...	...	...	...	...	2209
1907	76 1 28.2	.976	.392	...	...	...	...	...	...	...	...
1908	130 32 41.4	+ 11.986	.247	...	...	...	...	...	...	...	...
1909	73 50 31.7	+ 12.088	.390	...	...	...	...	...	...	...	...
1910	70 40 30.7	.112	.397	...	...	...	...	...	...	...	...
1911	74 15 20.3	.147	.387	...	...	...	...	3672	...	...	...
1912	75 21 29.5	.157	.384	...	...	...	...	...	...	...	...
1913	25 14 15.9	.158	.613	- 0.023	- 0.9	...	...	3682	...	1206	...
1914	73 15 5.3	.161	.389	...	...	...	...	...	...	...	...
1915	151 54 53.5	.167	.121	...	...	+ 3.5	3430	...	4464	...	11545
1916	70 42 53.9	.169	.395	...	...	...	...	...	...	...	...
1917	70 41 8.9	.185	+ 0.395	...	...	...	...	...	...	...	...
1918	5 39 13.6	.187	+ 1.592	...	...	...	...	...	...	...	...
1919	70 41 52.2	.218	+ 0.394	...	...	...	...	...	...	...	...
1920	128 49 23.6	.252	.252	...	...	...	...	...	...	...	...
1921	139 30 50.5	.272	.207	...	...	- 0.9	3428	3702	4484	...	11583
1922	83 51 42.1	.281	.392	+ 0.001	- 0.7	...	...	3691	4485	1217	...
1923	129 47 40.2	.317	.222	...	...	...	...	...	...	...	...
1924	141 23 19.6	.328	.197	...	...	+ 1.8	...	3710	4490	...	11601
1925	140 32 12.2	+ 12.356	+ 0.291	...	...	+ 0.8	3413	3717	4496	...	11614

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
1926	2911	5 Hydræ ... ..	$\sigma$	4.4	79.15	5	8 32 13.99	+ 3.1417	- 0.0056	- 0.0038	+ 0.15	...
1927	2926	Velorum ... ..	$e$	4.1	78.16	5	8 33 14.90	+ 2.1092	+ 0.0023	- 0.0020	...	- 0.16
1928	...	C.P.D. - 39°. 2696 ...	...	8.8	64.40	5	8 33 33.85	+ 2.2107	+ 0.0026	...	...	- 0.07
1929	2929	6 Hydræ ... ..	...	5.2	79.22	5	8 34 0.12	+ 2.8492	- 0.0009	- 0.0077	...	- 0.07
1930	...	C.Z. VIII. 2848 ...	...	8.2	65.80	5	8 34 18.26	+ 0.8929	- 0.0197	...	...	...
1931	...	Brisbane 2124 ... ..	...	8.5	81.16	5	8 34 19.46	+ 1.9771	+ 0.0017	...	...	+ 0.03
1932	...	Brisbane 2125 ... ..	...	8.8	81.17	5	8 34 31.06	+ 1.9777	+ 0.0017	...	...	- 0.10
1933	2932	Pyxidis ... ..	$\zeta$	4.9	78.26	5	8 34 31.15	+ 2.4905	+ 0.0023	...	...	- 0.11
1934	...	W.B.N. VIII. 852 ...	...	8.7	64.95	5	8 34 38.89	+ 3.3684	- 0.0109	...	...	...
1935	...	C.P.D. - 39°. 2737 ...	...	8.8	64.77	5	8 35 3.07	+ 2.2034	+ 0.0027	...	...	- 0.26
1936	2939	Brisbane 2135 ... ..	...	5.4	68.19	4	8 35 5.78	+ 1.9773	- 0.0112	...	...	+ 0.05
1937	2936	C.P.D. - 52°. 1565 ...	...	7.0	79.00	5	8 35 11.81	+ 1.7039	- 0.0012	...	...	- 0.16
1938	2935	Pyxidis ... ..	$\beta$	3.9	78.15	5	8 35 12.61	+ 2.3463	+ 0.0028	- 0.0001	+ 0.01	- 0.21
1939	2937	43 Cancri ... ..	$\gamma$	4.8	81.78	45	8 36 2.91	+ 3.4901	- 0.0143	- 0.0087	- 0.09	...
1940	...	Brisbane 2150 ... ..	...	7.8	66.35	6	8 36 13.19	+ 1.9862	- 0.0141	...	...	- 0.09
1941	2942	45 Cancri ... ..	$\lambda^1$	5.6	68.56	5	8 36 18.94	+ 3.3143	- 0.0097	- 0.0012	0.00	...
1942	...	Anonymous ... ..	...	9.8	73.80	5	8 36 21.55	+ 3.2273	- 0.0077	...	...	...
1943	2947	Velorum ... ..	$b$	3.7	66.19	5	8 36 28.76	+ 1.9905	+ 0.0018	...	...	- 0.12
1944	...	Brisbane 2153 ... ..	...	7.5	65.94	5	8 36 33.99	+ 1.2852	- 0.0089	...	...	- 0.12
1945	2945	7 Hydræ ... ..	$\eta$	4.2	79.16	5	8 36 41.36	+ 3.1419	- 0.0058	- 0.0029	- 0.03	...
1946	2950	Velorum ... ..	$o$	3.6	77.12	5	8 36 42.62	+ 1.7225	- 0.0009	...	...	- 0.17
1947	...	Cancri ... ..	$\delta$	Var.	65.98	10	8 36 47.60	+ 3.4388	- 0.0130	...	...	...
1948	...	B.D. + 8°. 2105 ...	...	9.3	68.39	5	8 37 17.02	+ 3.2265	- 0.0077	...	...	...
1949	...	B.D. + 8°. 2106 ...	...	9.2	70.39	5	8 37 18.01	+ 3.2247	- 0.0076	...	...	...
1950	2953	47 Cancri ... ..	$\delta$	4.3	67.93	16	8 37 34.76	+ 3.4202	- 0.0125	- 0.0020	0.00	...
1951	...	C.P.D. - 46°. 2830 ...	...	9.0	67.41	5	8 37 38.10	+ 1.9663	+ 0.0019	...	...	...
1952	2959	Brisbane 2158 ... ..	...	5.2	79.17	5	8 37 41.72	+ 2.0407	+ 0.0022	...	...	- 0.14
1953	...	B.D. + 8°. 2110 ...	...	8.8	68.61	5	8 37 47.23	+ 3.2270	- 0.0077	...	...	...
1954	2962	Carinæ ... ..	$d$	4.4	78.25	5	8 37 51.14	+ 1.3328	- 0.0080	- 0.0052	...	- 0.19
1955	...	C.P.D. - 46°. 2852 ...	...	8.0	65.79	5	8 38 12.51	+ 1.9999	+ 0.0019	...	...	- 0.06
1956	2963	C.P.D. - 47°. 2878 ...	...	5.5	79.10	5	8 38 13.63	+ 1.9413	+ 0.0015	...	...	- 0.02
1957	...	Lalande 17231 ... ..	...	7.8	64.96	5	8 38 21.07	+ 3.3760	- 0.0109	...	...	...
1958	2964	Pyxidis ... ..	$a$	3.6	78.22	5	8 38 34.17	+ 2.4103	+ 0.0028	- 0.0025	...	- 0.01
1959	2969	Volantis ... ..	$\theta$	5.2	79.61	5	8 38 36.72	+ 0.2530	- 0.0472	...	...	- 0.20
1960	2965	48 Cancri ... ..	$t$	4.2	78.97	5	8 39 7.85	+ 3.6468	- 0.0194	- 0.0023	+ 0.05	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	MacGras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1926	86 13 15.7	+ 12.362	+ 0.356	+ 0.003	- 1.3	...	...	3706	4500	1221	...
1927	132 33 9.6	.433	.236	0.000	...	- 0.7	3446	3729	4517	...	11653
1928	129 25 44.4	.454	.248	...	...	+ 1.8	...	...	...	...	11666
1929	102 2 4.2	.491	.320	- 0.006	...	- 0.1	...	3731	4525	1229	11678
1930	154 22 41.7	.505	.097	...	...	...	...	...	...	...	2348
1931	136 20 15.8	.509	.220	...	...	+ 1.2	...	...	...	...	11689
1932	136 20 35.1	.520	.220	...	...	+ 2.2	...	...	...	...	11695
1933	119 7 3.0	.520	.279	...	...	+ 0.9	3450	3734	4529	...	11696
1934	74 9 56.5	.529	.379	...	...	...	...	...	...	...	...
1935	129 48 30.3	.556	.246	...	...	+ 2.5	...	...	...	...	11708
1936	152 24 53.2	.558	.118	...	...	+ 2.6	3475	...	4534	...	11711
1937	112 39 0.8	.566	.189	...	...	- 1.1	3467	3742	4536	...	11712
1938	124 51 57.5	.567	.252	+ 0.024	- 9.5	+ 0.9	3462	3738	4538	...	11714
1939	68 5 2.1	.624	+ 0.390	+ 0.033	+ 1.1	...	...	3739	4546	1230	...
1940	152 24 10.3	.636	- 0.118	...	...	+ 3.3	3491	...	4545	...	11746
1941	76 52 21.0	.642	+ 0.370	- 0.010	+ 0.6	...	...	3745	...	1232	...
1942	81 30 2.4	.645	.360	...	...	...	...	...	...	...	...
1943	136 12 18.3	.653	.221	...	...	+ 0.9	3470	3754	4551	...	11755
1944	149 52 34.3	.659	.141	...	...	+ 2.4	3490	3767	4552	...	11759
1945	86 9 14.9	.668	.350	- 0.005	+ 0.4	...	...	3749	4557	1235	...
1946	142 28 44.4	.690	.190	...	...	+ 0.6	3492	3763	4555	...	11760
1947	70 31 5.0	.675	.385	...	...	...	...	...	...	...	...
1948	81 30 52.3	.709	.359	...	...	...	...	...	...	...	...
1949	81 36 27.8	.709	.359	...	...	...	...	...	...	...	...
1950	71 23 10.3	.728	.380	+ 0.221	- 0.5	...	...	3758	...	1236	...
1951	136 10 51.9	.731	.220	...	...	...	...	...	...	...	3094
1952	134 57 49.3	.736	.225	...	...	- 0.4	3486	3775	4570	...	11766
1953	81 28 14.4	.742	.359	...	...	...	...	...	...	...	...
1954	149 18 56.8	.746	.145	+ 0.027	...	+ 1.0	3504	3780	4571	...	11780
1955	136 7 53.8	.770	.220	...	...	+ 1.5	...	...	...	...	11796
1956	137 39 2.9	.772	.213	...	...	- 0.6	3492	3779	4575	...	11797
1957	74 30 1.7	.779	.373	...	...	...	...	...	...	...	...
1958	122 44 13.1	.795	.266	- 0.023	...	+ 1.4	3487	3781	4581	...	11806
1959	159 56 30.1	.798	.021	...	...	+ 3.9	3536	...	4578	...	11810
1960	60 47 2.7	+ 12.832	+ 0.403	+ 0.035	- 1.7	...	...	3778	...	1239	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h	m	s	s	s	''	'''
1961	...	W.B.E. VIII. 991 ...	8.8	69.57	5	8 39 26.78	+ 3.2211	- 0.0076	...	...	...	...
1962	...	W.B.N. VIII. 997 ...	9.2	64.94	5	8 39 52.02	+ 3.3195	- 0.0108	...	...	...	...
1963	2970	50 Cancri ...	$\lambda^2$ 5.8	70.60	5	8 40 4.87	+ 3.3005	- 0.0095	- 0.0063	+ 0.05	...	...
1964	2971	11 Hydræ ...	$\epsilon$ 3.6	70.36	163	8 40 9.28	+ 3.1955	- 0.0071	- 0.0130	- 0.02	...	...
1965	...	W.B.E. VIII. 1023 ...	8.0	68.58	5	8 40 33.75	+ 3.2170	- 0.0076	...	...	...	...
1966	...	C.P.D. - 39°. 2838 ...	8.5	65.20	5	8 40 53.95	+ 2.2368	+ 0.0031	...	...	+ 0.18	...
1967	2979	Velorum ...	$\delta$ 2.0	79.16	10	8 41 15.21	+ 1.5560	- 0.0018	+ 0.0005	...	+ 0.11	...
1968	...	Anonymous ...	$\theta$ 3.3	68.38	5	8 41 18.02	+ 1.4835	- 0.0049	...	...	...	...
1969	2981	Velorum ...	$\alpha$ 4.0	78.25	5	8 41 47.35	+ 2.0338	+ 0.0023	- 0.0025	...	- 0.01	...
1970	2978	13 Hydræ ...	$\rho$ 4.3	78.82	5	8 41 48.55	+ 3.1845	- 0.0068	- 0.0025	- 0.09	...	...
1971	2983	Brisbane 2199 ...	7.5	79.18	5	8 42 4.18	+ 2.1535	+ 0.0030	...	...	+ 0.21	...
1972	...	C.P.D. - 39°. 2871 ...	7.5	68.81	5	8 42 41.85	+ 2.2411	+ 0.0032	...	...	...	...
1973	...	W.B.N. VIII. 1043 ...	7.0	61.95	5	8 42 58.20	+ 3.3493	- 0.0109	...	...	...	...
1974	2987	14 Hydræ ...	5.1	78.44	5	8 43 4.89	+ 3.0195	- 0.0035	- 0.0036	...	+ 0.06	...
1975	...	C.P.D. - 46°. 3012 ...	9.0	66.62	5	8 43 17.74	+ 2.0167	+ 0.0023	...	...	...	...
1976	2998	Carinæ ...	$f$ 4.6	78.22	5	8 43 28.60	+ 1.5556	- 0.0035	...	...	- 0.16	...
1977	3008	Brisbane 2232 ...	7.5	65.74	5	8 44 25.24	+ 1.1180	- 0.0140	...	...	+ 0.06	...
1978	3014	Velorum ...	$g$ 4.9	78.24	5	8 45 28.30	+ 2.0713	+ 0.0028	...	...	- 0.08	...
1979	3020	Velorum ...	$f$ 5.2	71.16	6	8 46 19.05	+ 2.0343	+ 0.0025	...	...	- 0.07	...
1980	...	B.D. + 3°. 2051 ...	9.0	65.61	5	8 46 21.28	+ 3.1355	- 0.0058	...	...	...	...
1981	...	Hydræ ...	$S$ Var.	64.91	10	8 47 2.78	+ 3.1340	- 0.0049	...	...	...	...
1982	...	C.P.D. - 42°. 3053 ...	8.5	69.59	5	8 47 7.02	+ 2.1450	+ 0.0032	...	...	- 0.07	...
1983	...	C.P.D. - 46°. 3148 ...	8.2	67.48	4	8 47 16.02	+ 2.0378	+ 0.0025	...	...	- 0.12	...
1984	...	C.P.D. - 46°. 3149 ...	8.5	67.88	6	8 47 18.29	+ 2.0358	+ 0.0026	...	...	- 0.02	...
1985	...	B.U. + 20°. 2237 ...	9.1	69.59	5	8 48 0.16	+ 3.4406	- 0.0140	...	...	...	...
1986	...	C.P.D. - 42°. 3075 ...	8.5	66.21	5	8 48 3.56	+ 2.1469	+ 0.0032	...	...	...	...
1987	...	C.P.D. - 43°. 3097 ...	$\theta$ 8	70.46	4	8 48 32.24	+ 2.1327	+ 0.0033	...	...	...	...
1988	...	Brisbane 2253 ...	7.5	65.56	5	8 48 36.12	+ 2.0123	+ 0.0025	...	...	+ 0.03	...
1989	3032	16 Hydræ ...	$\zeta$ 3.3	78.24	5	8 48 47.22	+ 3.1836	- 0.0069	- 0.0081	+ 0.13	...	...
1990	...	R.P.L. 60 ...	6.2	75.28	78	8 48 54.43	+ 13.6990	- 1.7150	...	- 0.02	...	...
1991	...	C.P.D. - 43°. 3110 ...	8.2	66.99	5	8 49 8.34	+ 2.1480	+ 0.0033	...	...	+ 0.10	...
1992	...	Cancri ...	$T$ Var.	65.79	10	8 49 31.61	+ 3.4381	- 0.0141	...	...	...	...
1993	...	C.P.D. - 43°. 3120 ...	$\theta$ 0	70.38	5	8 49 32.12	+ 2.1351	+ 0.0033	...	...	...	...
1994	...	Hydræ ...	$T$ Var.	65.46	10	8 49 34.83	+ 2.9218	- 0.0018	...	...	+ 0.02	...
1995	...	C.P.D. - 42°. 3097 ...	8.2	65.00	5	8 49 37.10	+ 2.1534	+ 0.0033	...	...	- 0.10	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1961	81 44 31.6	+ 12.854	+ 0.355	...	...	...	...	...	...	...	...
1962	74 51 21.3	.882	.369	...	...	...	...	...	...	...	...
1963	77 25 57.0	.806	.364	+ 0.034	- 1.2	...	...	3782	...	1242	...
1964	83 7 26.1	.901	.351	+ 0.041	- 0.7	...	...	3795	4610	1243	...
1965	81 55 58.2	.929	.353	...	...	...	...	...	...	...	...
1966	129 17 56.3	.950	.244	...	...	+ 1.7	...	...	...	...	11875
1967	144 15 4.9	.974	.178	+ 0.094	...	+ 0.7	3532	3817	4627	...	11887
1968	197 19 5.5	+ 12.978	.159	...	...	...	...	...	...	...	...
1969	135 35 7.8	+ 13.010	.220	- 0.008	...	+ 0.2	3526	3821	4632	...	11900
1970	83 42 5.0	.912	.347	+ 0.021	- 2.6	...	...	3814	4636	1248	...
1971	132 6 33.1	.929	.233	...	...	+ 1.0	3528	3823	4640	...	11907
1972	129 20 30.1	.970	.212	...	...	...	3534	...	4650	...	3499
1973	74 42 18.0	.989	.365	...	...	...	...	...	...	...	...
1974	92 58 51.3	.996	.328	+ 0.019	...	+ 1.6	...	3828	4660	1249	11946
1975	136 12 53.4	.111	.217	...	...	...	...	...	...	...	3554
1976	146 18 39.7	.122	.165	...	...	+ 1.4	3554	3844	4664	...	11956
1977	152 43 50.3	.185	.117	...	...	+ 2.3	3573	...	4672	...	11977
1978	134 50 37.4	.254	.221	...	...	+ 0.9	3565	3859	4687	...	12013
1979	136 3 45.3	.309	.216	...	...	+ 1.3	3572	3868	4697	...	12035
1980	86 29 38.0	.312	.277	...	...	...	...	...	...	...	...
1981	86 27 39.8	.357	.336	...	...	...	...	...	...	...	...
1982	132 55 41.4	.362	.228	...	...	+ 1.8	...	...	4704	...	12050
1983	136 4 21.6	.371	.216	...	...	+ 3.2	...	...	...	...	12056
1984	136 8 28.7	.374	.216	...	...	+ 2.2	...	...	...	...	12060
1985	69 39 38.5	.418	.368	...	...	...	...	...	...	...	...
1986	132 58 21.7	.423	.227	...	...	...	...	...	...	...	3928
1987	133 27 38.7	.454	.225	...	...	...	...	...	...	...	...
1988	136 55 20.8	.457	.212	...	...	+ 1.7	3585	3886	4720	...	12094
1989	83 34 47.3	.470	+ 0.338	- 0.024	- 0.8	...	...	3882	4724	1261	...
1990	5 19 21.2	.479	+ 1.473	...	+ 0.9	...	...	...	...	...	...
1991	133 3 30.5	.493	+ 0.226	...	...	+ 1.4	...	...	...	...	12110
1992	69 40 27.8	.518	.366	...	...	...	...	...	...	...	...
1993	133 29 56.5	.518	.224	...	...	...	...	...	...	...	...
1994	98 39 50.5	.522	.309	...	...	+ 1.2	...	...	...	...	12120
1995	132 56 48.8	+ 13.526	+ 0.226	...	...	+ 2.4	...	...	...	...	12121

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Grn. 1880	C.G.A.	
1996	...	C.P.D. — 43°. 3126 ...	7.5	67.18	5	h m s 8 49 43.72	+ 2.1513	+ 0.0033	...	...	0.00	
1997	3048	9 Ursæ Majoris ...	ε	3.2	73.55	17	8 50 38.37	+ 4.1847	- 0.0446	- 0.0449	- 0.01	...
1998	...	C.P.D. — 42°. 3114 ...	8.5	65.55	5	8 50 39.01	+ 2.1562	+ 0.0034	...	...	- 0.09	
1999	...	Anonymous ...	10.2	79.26	4	8 51 5.02	+ 2.9198	- 0.0016	...	...	...	
2000	3049	8 Ursæ Majoris ...	ρ	5.0	78.62	5	8 51 14.43	+ 5.5140	- 0.1365	- 0.0044	- 0.27	...
2001	...	B.D. — 8°. 2535 ...	9.3	69.41	5	8 51 18.68	+ 2.9208	- 0.0016	...	...	...	
2002	...	W.B.E. VIII. 1302 ...	8.5	70.02	5	8 51 21.33	+ 2.9180	- 0.0016	...	...	...	
2003	...*	B.D. — 8°. 2537 ...	9.3	67.96	5	8 51 30.96	+ 2.9236	- 0.0017	...	...	...	
2004	...	C.Z. VIII. 4195 ...	9.0	70.41	5	8 51 38.84	+ 1.5480	- 0.0037	...	...	...	
2005	3055	65 Cancri ...	α	4.3	75.89	41	8 51 38.90	+ 3.2865	- 0.0097	+ 0.0013	- 0.08	...
2006	3064	Carinæ ...	ε	4.0	78.25	6	8 52 12.09	+ 1.3687	- 0.0078	- 0.003	...	+ 0.30
2007	...	C.P.D. — 47°. 2943 ...	9.0	69.58	5	8 52 17.09	+ 2.0082	+ 0.0027	...	...	...	
2008	3059	10 Ursæ Majoris ...	...	4.2	79.15	5	8 52 31.04	+ 3.9539	- 0.0342	- 0.0399	...	...
2009	...	Lalande 17735 ...	...	8.5	68.54	6	8 52 48.56	+ 3.2808	- 0.0098	...	...	...
2010	3073	Carinæ ...	δ <sup>1</sup>	5.1	77.12	5	8 53 54.77	+ 1.4737	- 0.0052	...	...	- 0.16
2011	...	C.P.D. — 42°. 3202 ...	8.5	74.48	3	8 54 21.20	+ 2.1703	+ 0.0037	...	...	- 0.04	
2012	...	C.P.D. — 42°. 3204 ...	9.0	66.71	2	8 54 25.44	+ 2.1715	+ 0.0037	...	...	...	
2013	...	C.P.D. — 52°. 1819 ...	9.2	66.81	5	8 54 29.70	+ 1.8006	+ 0.0005	...	...	...	
2014	...	C.P.D. — 40°. 3037 ...	8.5	65.71	6	8 54 45.04	+ 2.2431	+ 0.0039	...	...	...	
2015	3075	12 Ursæ Majoris ...	κ	3.7	78.24	5	8 55 4.90	+ 4.1313	- 0.0434	- 0.0044	- 0.09	...
2016	...	C.P.D. — 40°. 3042 ...	8.5	67.60	5	8 55 11.84	+ 2.2443	+ 0.0039	...	...	...	
2017	...	C.P.D. — 52°. 1829 ...	7.5	66.58	5	8 55 17.56	+ 1.7988	+ 0.0005	...	...	...	
2018	...	C.Z. VIII. 4474 ...	7.8	67.77	5	8 55 18.85	+ 1.7375	- 0.0003	...	...	- 0.11	
2019	3079	69 Cancri ...	γ	5.6	72.77	5	8 55 25.64	+ 3.5206	- 0.0172	- 0.0007	+ 0.06	...
2020	...	C.Z. VIII. 4486 ...	...	8.0	68.70	5	8 55 26.92	+ 1.5887	- 0.0030	...	...	- 0.13
2021	3069	Carinæ ...	δ <sup>2</sup>	5.2	77.14	5	8 56 20.01	+ 1.4985	- 0.0048	- 0.020	...	- 0.20
2022	...	C.Z. VIII. 4593 ...	...	9.0	68.42	5	8 56 37.24	+ 1.6012	- 0.0026	...	...	...
2023	...	C.Z. VIII. 4613 ...	...	8.5	64.99	5	8 56 54.96	+ 1.6077	- 0.0026	...	...	- 0.07
2024	...	C.Z. VIII. 4615 ...	...	8.8	67.36	6	8 56 57.06	+ 1.5989	- 0.0027	...	...	- 0.09
2025	...	C.P.D. — 39°. 3130 ...	9.5	67.37	5	8 57 8.41	+ 2.2877	+ 0.0040	...	...	...	
2026	...	C.Z. VIII. 4640 ...	...	8.5	68.41	5	8 57 12.49	+ 1.6202	- 0.0023	...	...	...
2027	3087	11 Ursæ Majoris ...	σ <sup>1</sup>	5.3	78.62	5	8 57 23.28	+ 5.3660	- 0.1305	+ 0.0008	- 0.09	...
2028	...	Anonymous ...	...	9.1	66.10	5	8 58 23.37	+ 1.6136	- 0.0024	...	...	...
2029	...	C.Z. VIII. 4741 ...	...	8.5	66.18	5	8 58 27.51	+ 1.6426	- 0.0018	...	...	...
2030	3097	Piazzi VIII. 245 ...	...	4.7	78.25	5	8 58 34.32	+ 3.8411	- 0.0303	...	...	- 0.01

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
1996	133 1 29.0	+ 13.531	+ 0.226	...	...	+ 1.1	...	...	...	...	12124
1997	41 28 0.2	.590	.443	+ 0.244	+ 0.2	...	...	3695	...	1260	...
1998	132 59 24.9	.591	.226	...	...	+ 2.5	...	...	...	...	12143
1999	98 50 9.3	.619	.286	...	...	...	...	...	...	...	...
2000	21 53 0.8	.629	.564	- 0.012	- 1.1	...	...	3801	...	1257	...
2001	98 46 44.6	.632	.307	...	...	...	...	...	...	...	...
2002	98 56 10.7	.636	.306	...	...	...	...	...	...	...	...
2003	98 37 38.1	.646	.307	...	...	...	...	...	...	...	...
2004	147 17 3.1	.654	.159	...	...	...	...	...	...	...	4195
2005	77 30 35.5	.655	.345	+ 0.021	0.0	...	...	3905	4762	...	...
2006	150 10 3.1	.691	.140	- 0.05	...	- 0.9	3626	3917	4765	...	12175
2007	137 27 11.8	.695	.208	...	...	...	...	...	...	...	4242
2008	47 43 25.8	.710	.415	+ 0.261	...	...	...	3908	...	1268	...
2009	77 35 1.0	.729	.344	...	...	...	...	...	...	...	...
2010	148 44 62.6	.799	.150	...	...	+ 2.6	3639	3930	4770	...	12221
2011	132 58 8.1	.826	.224	...	...	+ 0.9	...	...	...	...	12230
2012	132 56 13.6	.831	.223	...	...	...	...	...	...	...	4402
2013	142 43 40.5	.835	.184	...	...	...	...	...	...	...	4403
2014	130 37 25.0	.852	.231	...	...	...	...	...	...	...	4424
2015	42 21 2.0	.873	.429	+ 0.058	- 0.6	...	...	3925	...	1272	...
2016	130 38 0.9	.881	.231	...	...	...	...	...	...	...	4463
2017	142 51 29.2	.886	.184	...	...	...	...	...	...	...	4471
2018	144 8 56.1	.888	.177	...	...	+ 0.4	3647	3941	4783	...	12250
2019	65 3 24.8	.895	.364	+ 0.010	+ 1.0	...	...	3932	...	1275	...
2020	146 59 13.2	.896	.161	...	...	+ 2.4	...	...	...	...	12256
2021	148 36 22.5	.952	.151	- 0.24	...	+ 1.7	3661	3949	4796	...	12286
2022	146 53 35.1	.969	.162	...	...	...	...	...	...	...	4593
2023	146 48 36.1	.989	.162	...	...	+ 1.9	...	...	...	...	12305
2024	146 58 17.3	+ 13.900	.161	...	...	+ 2.5	...	...	...	...	12306
2025	129 20 46.2	+ 14.002	.233	...	...	...	...	...	...	...	...
2026	146 37 8.0	.006	.163	...	...	...	...	...	...	...	4640
2027	22 37 34.1	.018	.554	+ 0.047	- 3.3	...	...	3937	...	...	...
2028	146 52 17.1	.080	.162	...	...	...	...	...	...	...	...
2029	146 20 59.4	.085	.165	...	...	...	...	...	...	...	4741
2030	51 2 57.8	+ 14.092	+ 0.398	...	- 1.8	...	...	3958	...	...	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
2031	3099	13 Ursæ Majoris ...	$\sigma^2$ 4.8	79.02	5	h m s 8 59 22.33	+ 5.3767	- 0.1336	- 0.0031	+ 0.40	...
2032	...	C.Z. VIII. 4812 ...	8.5	64.91	7	8 59 24.59	+ 1.6839	- 0.0010	...	...	...
2033	3110	Velorum ...	$\epsilon$ 3.7	78.21	5	8 59 50.71	+ 2.0718	+ 0.0035	- 0.0082	...	- 0.14
2034	3106	15 Ursæ Majoris ...	$f$ 4.4	79.17	5	9 0 2.51	+ 4.2866	- 0.0537	- 0.0148	- 0.07	...
2035	3114	Volantis ...	$\alpha$ 4.1	79.25	5	9 0 28.41	+ 0.9634	- 0.0214	- 0.0041	...	+ 0.24
2036	3108	14 Ursæ Majoris ...	$\tau$ 4.8	79.04	5	9 0 35.37	+ 5.0073	- 0.1036	+ 0.0140	- 0.07	...
2037	3111	76 Cancri ...	$\kappa$ 5.0	78.61	53	9 0 58.52	+ 3.2581	- 0.0093	- 0.0028	+ 0.02	...
2038	...	C.Z. IX. 115 ...	8.5	64.43	5	9 1 19.39	+ 1.4398	- 0.0062	...	...	+ 0.19
2039	3117	77 Cancri ...	$\xi$ 5.2	76.01	9	9 2 10.12	+ 3.4610	- 0.0159	- 0.0011	- 0.06	...
2040	...	C.P.D. - 38°. 2090 ...	8.5	64.41	5	9 2 15.58	+ 2.3145	+ 0.0044	...	...	0.00
2041	...	C.Z. IX. 207 ...	8.5	65.24	6	9 2 28.91	+ 1.3624	- 0.0083	...	...	+ 0.13
2042	3121	Pyxidis ...	$\kappa$ 4.8	78.78	5	9 2 33.57	+ 2.6293	+ 0.0028	...	...	- 0.17
2043	...	B.D. + 18°. 2133 ...	9.5	65.20	3	9 2 53.13	+ 3.3849	- 0.0133	...	...	...
2044	3123	79 Cancri ...	6.5	71.20	1	9 3 9.76	+ 3.4584	- 0.0159	- 0.0004	- 0.01	...
2045	3126	Velorum ...	$\lambda$ 2.1	79.14	10	9 3 24.01	+ 2.2059	+ 0.0045	- 0.0052	...	+ 0.04
2046	...	C.P.D. - 42°. 3398 ...	9.0	65.66	4	9 4 21.44	+ 2.2125	+ 0.0045	...	...	...
2047	3125	16 Ursæ Majoris ...	$c$ 5.2	78.24	5	9 4 26.44	+ 4.8107	- 0.0913	- 0.0019	+ 0.02	...
2048	3134	Carinæ ...	$E$ 4.8	78.65	5	9 4 36.67	+ 0.5226	- 0.0426	- 0.001	...	- 0.18
2049	3130	Pyxidis ...	$\epsilon$ 5.4	78.63	5	9 4 38.76	+ 2.5407	+ 0.0037	...	...	0.00
2050	3136	Carinæ ...	$G$ 4.5	79.62	5	9 4 47.88	+ 0.2071	- 0.0612	- 0.015	...	- 0.39
2051	...	C.P.D. - 46°. 3216 ...	8.5	64.59	5	9 4 48.80	+ 2.2809	+ 0.0047	...	...	...
2052	...	C.P.D. - 42°. 3406 ...	9.0	66.39	5	9 4 49.17	+ 2.2154	+ 0.0046	...	...	...
2053	...	Brisbane 2363 ...	7.5	65.43	5	9 4 54.57	+ 1.8056	+ 0.0010	...	...	- 0.21
2054	3129	80 Cancri ...	6.8	69.21	12	9 4 55.50	+ 3.3826	- 0.0134	- 0.0053	- 0.07	...
2055	...	C.P.D. - 34°. 3280 ...	9.0	67.60	5	9 5 34.04	+ 2.4300	+ 0.0045	...	...	...
2056	...	C.P.D. - 48°. 2277 ...	7.2	65.21	5	9 5 53.43	+ 2.0213	+ 0.0037	...	...	0.00
2057	...	W.B.E. IX. 78 ...	9.0	83.12	5	9 6 4.99	+ 3.2866	- 0.0102	...	...	...
2058	...	Lalande 18162 ...	8.0	86.27	5	9 6 10.44	+ 3.2539	- 0.0094	...	...	...
2059	...	C.P.D. - 42°. 3430 ...	7.2	67.72	6	9 6 19.41	+ 2.2227	+ 0.0048	...	...	- 0.06
2060	...	Brisbane 2373 ...	7.8	69.40	5	9 6 29.48	+ 2.2232	+ 0.0048	...	...	0.00
2061	3142	C.P.D. - 44°. 3495 ...	5.0	79.27	4	9 6 32.28	+ 2.1745	+ 0.0046	...	...	- 0.13
2062	...	C.P.D. - 52°. 2017 ...	8.5	67.08	9	9 6 47.64	+ 1.8758	+ 0.0022	...	...	...
2063	...	C.P.D. - 48°. 2291 ...	8.0	66.55	5	9 6 53.10	+ 2.0276	+ 0.0037	...	...	...
2064	...	C.P.D. - 52°. 2024 ...	9.4	77.47	5	9 7 8.00	+ 1.8813	+ 0.0022	...	...	...
2065	3140	18 Ursæ Majoris ...	$e$ 4.9	78.61	5	9 7 10.91	+ 4.3571	- 0.0616	+ 0.0056	+ 0.04	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Answers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2031	22 21 35.7	+ 14.141	+ 0.550	+ 0.070	- 1.7	...	...	3954	...	1276	...
2032	145 40 44.2	.144	.168	...	...	...	...	...	...	...	4812
2033	136 36 4.7	.171	.208	+ 0.019	...	+ 1.3	3977	3971	4890	...	12372
2034	37 53 32.8	.185	.436	+ 0.035	- 0.7	...	...	3964	...	1280	...
2035	155 53 52.3	.210	.083	+ 0.108	...	+ 1.6	3696	3081	4831	...	12378
2036	25 58 47.3	.217	.509	+ 0.067	- 0.7	...	...	3966	...	1270	...
2037	78 19 48.6	.241	.329	- 0.009	- 0.2	...	...	3973	4839	1287	...
2038	150 4 8.3	.262	.142	...	...	+ 2.0	...	...	...	...	12394
2039	67 27 2.0	.314	.348	- 0.025	+ 0.4	...	...	3983	4847	1289	...
2040	128 59 48.0	.320	.231	...	...	+ 2.1	...	...	...	...	12408
2041	151 19 41.7	.333	.133	...	...	+ 2.6	3705	...	4849	...	12414
2042	115 21 18.6	.338	.263	...	...	+ 0.3	3685	3991	4850	...	12415
2043	71 29 0.2	.358	.340	...	...	...	...	...	...	...	...
2044	67 24 51.7	.375	.346	- 0.018	+ 0.4	...	...	3982	...	1291	...
2045	132 55 45.8	.390	.218	- 0.010	...	+ 2.2	3699	4000	4860	...	12483
2046	132 50 23.4	.447	.218	...	...	...	...	...	...	...	579
2047	28 3 40.7	.453	.480	+ 0.030	+ 0.1	...	...	3993	...	1288	...
2048	160 2 11.0	.463	.047	+ 0.02	...	+ 2.7	3730	...	4871	...	12465
2049	119 51 21.3	.465	.251	...	...	0.0	3702	4007	4874	...	12466
2050	162 6 0.9	.475	.015	- 0.007	...	+ 2.1	3736	4022	4872	...	12472
2051	130 32 19.3	.475	.225	...	...	...	...	...	4876	...	409
2052	132 48 7.4	.476	.218	...	...	...	...	...	...	...	412
2053	143 51 51.5	.481	.176	...	...	+ 2.2	3713	...	4877	...	12473
2054	71 24 43.7	.482	.336	+ 0.003	+ 1.1	...	...	4003	...	1296	...
2055	124 50 58.2	.521	.239	...	...	...	...	...	...	...	466
2056	138 46 50.4	.540	.197	...	...	- 1.4	3719	4021	4883	...	12495
2057	77 14 19.8	.552	.323	...	...	...	...	...	...	...	...
2058	78 49 7.3	.558	.320	...	...	...	...	...	...	...	...
2059	132 45 22.2	.566	.217	...	...	+ 0.7	3720	4026	4889	...	12500
2060	132 45 36.3	.576	.217	...	...	+ 0.9	...	4028	4890	...	12513
2061	134 21 26.1	.580	.212	...	...	+ 0.4	3723	4030	4891	...	12515
2062	142 32 7.4	.596	.182	...	...	...	...	...	...	...	533
2063	138 44 11.0	.600	.197	...	...	...	...	...	...	...	544
2064	142 26 59.3	.615	.182	...	...	...	...	...	...	...	...
2065	35 27 48.8	+ 14.018	+ 0.428	- 0.038	- 0.8	...	...	4017	...	1297	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
2066	...	C.P.D. - 34°. 3311 ...	10.2	70.19	1	9 7 30.33	+ 2.4347	+ 0.0046	...	...	...
2067	3149	Carinae ... .. a	3.5	78.22	5	9 7 40.57	+ 1.5845	- 0.0029	...	...	- 0.10
2068	3146	22 Hydræ ... .. θ	3.9	79.06	5	9 7 51.61	+ 3.1175	- 0.0057	+ 0.0076	+ 0.06	...
2069	...	C.P.D. - 34°. 3321 ...	10.0	69.95	4	9 7 59.52	+ 2.4378	+ 0.0046	...	...	...
2070	...	C.Z. IX. 631 ... ..	8.0	67.48	8	9 8 1.58	+ 1.4647	- 0.0037	...	...	- 0.04
2071	3147	82 Cancri ... .. π <sup>8</sup>	5.6	70.64	10	9 8 19.70	+ 3.3240	- 0.0117	- 0.0023	+ 0.06	...
2072	3152	Carinae ... .. i	4.2	79.60	5	9 8 20.32	+ 1.3748	- 0.0082	- 0.015	...	+ 0.10
2073	...	C.Z. IX. 669 ... ..	8.0	64.38	5	9 8 31.84	+ 1.6006	- 0.0025	...	...	...
2074	...	Lalande 18251 ... ..	8.5	75.20	9	9 8 58.70	+ 3.3244	- 0.0118	...	...	...
2075	...	C.Z. IX. 753 ... ..	8.5	70.02	5	9 9 34.34	+ 1.4676	- 0.0057	...	...	...
2076	...	C.Z. IX. 775 ... ..	6.9	69.03	5	9 9 46.43	+ 1.4804	- 0.0052	...	...	+ 0.05
2077	...	B.D. + 16°. 1933 ... ..	9.5	67.61	5	9 10 1.54	+ 3.3325	- 0.0121	...	...	...
2078	...	C.Z. IX. 804 ... ..	8.0	65.57	5	9 10 4.23	+ 0.9236	- 0.0244	...	...	+ 0.13
2079	...	C.Z. IX. 836 ... ..	9.0	70.22	3	9 10 30.62	+ 1.1818	- 0.0052	...	...	...
2080	3163	Velorum ... .. l	4.8	78.81	5	9 10 41.09	+ 2.3076	+ 0.0051	...	...	- 0.24
2081	3165	Velorum ... .. k	4.7	78.83	5	9 10 45.05	+ 2.3965	+ 0.0050	...	...	- 0.07
2082	...	C.Z. IX. 877 ... ..	8.8	67.80	5	9 11 0.99	+ 1.1905	- 0.0050	...	...	- 0.09
2083	3162	38 Lynxis ... ..	3.8	79.28	5	9 11 3.60	+ 3.7576	- 0.0203	- 0.0034	+ 0.17	...
2084	...	B.D. + 19°. 2195 ... ..	9.5	71.16	5	9 11 31.50	+ 3.3858	- 0.0140	...	...	...
2085	3177	Carinae ... .. β	1.7	79.16	10	9 11 49.37	+ 0.7147	- 0.0348	- 0.0316	...	+ 0.03
2086	3171	83 Cancri ... ..	6.6	70.79	150	9 12 0.11	+ 3.3669	- 0.0134	- 0.0090	- 0.04	...
2087	...	C.P.D. - 40°. 3350 ... ..	7.8	64.00	5	9 12 13.87	+ 2.3010	+ 0.0052	...	...	- 0.05
2088	3179	Carinae ... .. g	4.2	78.62	5	9 12 40.25	+ 1.6981	- 0.0004	...	...	- 0.11
2089	...	C.P.D. - 34°. 3396 ... ..	8.5	67.46	4	9 12 47.06	+ 2.4520	+ 0.0050	...	...	...
2090	3178	40 Lynxis ... .. a	3.4	79.24	5	9 13 26.06	+ 3.6924	- 0.0267	- 0.0193	- 0.08	...
2091	...	B.D. + 19°. 2197 ... ..	9.4	70.36	5	9 13 33.12	+ 3.3852	- 0.0142	...	...	...
2092	3181	Lalande 18386 ... ..	7.5	69.20	9	9 13 35.75	+ 3.3886	- 0.0143	...	...	...
2093	...	Lalande 18389 ... ..	7.7	64.75	5	9 13 40.21	+ 3.3547	- 0.0131	...	...	...
2094	3186	Carinae ... .. t	2.2	76.07	30	9 13 44.61	+ 1.6104	- 0.0022	- 0.0051	...	- 0.04
2095	3184	26 Hydræ ... ..	4.9	79.43	10	9 13 45.18	+ 2.8926	- 0.0004	- 0.0027	...	+ 0.07
2096	3187	Velorum ... .. K	5.3	79.25	5	9 13 56.26	+ 1.9962	+ 0.0040	...	...	- 0.38
2097	...	Lalande 18405 ... ..	8.5	83.13	5	9 14 9.29	+ 3.2682	- 0.0103	...	...	...
2098	3188	27 Hydræ ... .. P	4.9	78.45	5	9 14 22.81	+ 2.9817	- 0.0012	- 0.0016	...	- 0.02
2099	...	W.B.E. IX. 270 ... ..	9.0	83.14	5	9 14 29.21	+ 3.2725	- 0.0104	...	...	...
2100	...	C.Z. IX. 1230 ... ..	9.0	68.25	6	9 15 21.21	+ 1.5153	- 0.0044	...	...	...

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2066	124 53 50.1	+ 14.437	+ 0.237	...	...	...	...	...	...	...	...
2067	148 27 20.6	.618	.152	...	...	+ 0.7	3738	4042	4898	...	12535
2068	87 9 31.4	.658	.394	+ 0.297	- 0.2	...	...	4034	4904	1303	...
2069	124 49 53.3	.664	.237	...	...	...	...	...	...	...	...
2070	150 26 30.4	.668	.140	...	...	+ 2.4	3747	...	4905	...	12546
2071	74 32 29.7	.687	.325	- 0.020	+ 0.3	...	...	4036	...	1304	...
2072	151 18 17.9	.693	.131	0.00	...	+ 0.6	3753	4049	4010	...	12557
2073	148 16 57.3	.699	.153	...	...	...	...	...	...	...	669
2074	74 28 21.4	.725	.323	...	...	...	...	...	...	...	...
2075	150 34 29.2	.760	.138	...	...	...	...	...	...	...	753
2076	150 24 7.1	.772	.140	...	...	+ 0.9	3761	...	4023	...	12595
2077	73 55 24.0	.787	.323	...	...	...	...	...	...	...	...
2078	157 12 29.4	.790	.085	...	...	+ 2.5	3774	...	4028	...	12602
2079	150 28 5.9	.815	.140	...	...	...	...	...	...	...	896
2080	128 2 58.9	.827	.227	...	...	+ 0.3	3766	4066	4938	...	12617
2081	126 53 30.1	.830	.229	...	...	+ 0.9	3755	4067	4040	...	12620
2082	150 23 33.0	.845	.140	...	...	+ 2.5	...	...	...	...	12627
2083	52 40 10.4	.848	.362	+ 0.115	- 1.8	...	...	4058	...	1305	...
2084	70 43 30.2	.875	.326	...	...	...	...	...	...	...	...
2085	150 12 12.3	.893	.064	- 0.094	...	+ 3.3	3791	4080	4049	...	12686
2086	71 45 58.3	.903	.323	+ 0.115	+ 1.1	...	...	4076	4956	1309	...
2087	130 47 52.2	.916	.219	...	...	+ 1.3	...	...	...	...	12646
2088	147 1 8.3	.913	.159	...	...	+ 1.0	3782	4090	4959	...	12652
2089	124 50 16.5	.949	.233	...	...	...	...	...	...	...	1021
2090	55 4 48.4	.987	.352	- 0.026	- 0.7	...	...	4084	...	1312	...
2091	70 34 55.5	.994	.322	...	...	...	...	...	...	...	...
2092	70 22 54.0	+ 14.996	.323	...	...	...	...	4088	...	...	...
2093	72 20 41.8	+ 15.001	.320	...	...	...	...	...	...	...	...
2094	148 45 7.3	.005	.150	0.000	...	+ 2.0	3792	4101	4068	...	12672
2095	101 26 51.6	.006	.271	- 0.024	...	- 2.0	...	4093	4071	1314	12673
2096	140 31 32.6	.016	.187	...	...	+ 0.7	3786	4100	4973	...	12676
2097	77 30 41.2	.029	.310	...	...	...	...	...	...	...	...
2098	99 1 35.8	.042	.277	+ 0.007	...	+ 0.9	...	4099	4978	1317	12687
2099	77 15 40.3	.048	.310	...	...	...	...	...	...	...	...
2100	150 31 30.1	+ 15.038	+ 0.143	...	...	...	...	...	...	...	1230

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Grn. 1880	C.G.A.	
						<b>h m s</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>s</b>	
2101	...	B.D. + 65°. 711 ...	7.6	63.57	5	9 15 32.32	+ 4.9673	- 0.1139	...	...	...	
2102	...	C.Z. IX. 1247 ...	8.5	68.44	5	9 15 33.02	+ 1.5217	- 0.0012	...	...	...	
2103	...	C.Z. IX. 1250 ...	8.5	67.43	10	9 15 36.07	+ 1.8689	+ 0.0026	...	...	+ 0.06	
2104	3195	Pyxidis ...	$\theta$	78.22	5	9 15 57.49	+ 2.6550	+ 0.0035	- 0.0031	- 0.13	- 0.25	
2105	...	C.P.D. - 34°. 3441 ...	7.8	69.81	11	9 16 2.87	+ 2.4021	+ 0.0053	...	...	+ 0.07	
2106	...	C.P.D. - 59°. 2261 ...	9.0	65.20	5	9 16 28.34	+ 2.0230	+ 0.0045	...	...	...	
2107	...	C.P.D. - 49°. 2300 ...	9.0	70.16	5	9 16 40.48	+ 2.0643	+ 0.0018	...	...	+ 0.17	
2108	...	B.D. + 64°. 735 ...	7.8	64.19	5	9 16 40.07	+ 4.9353	- 0.1123	...	...	...	
2109	...	B.D. + 19°. 2204 ...	9.2	70.20	5	9 16 57.52	+ 3.3816	- 0.0142	...	...	...	
2110	...	C.P.D. - 34°. 3451 ...	9.5	70.65	5	9 16 58.62	+ 2.4647	+ 0.0053	...	...	...	
2111	3204	1 Leonis ...	$\kappa$	78.79	5	9 17 22.18	+ 3.5107	- 0.0194	- 0.0034	- 0.12	...	
2112	3207	Pyxidis ...	$\lambda$	79.22	4	9 17 47.53	+ 2.6042	+ 0.0012	...	+ 0.14	- 0.16	
2113	3212	Carinae ...	$k$	78.43	5	9 17 56.59	+ 1.4474	- 0.0063	...	...	- 0.18	
2114	...	Anonymous ...	9.5	65.60	5	9 18 8.95	+ 3.3025	- 0.0116	...	...	...	
2115	...	R.P.L. 62 ...	8.1	83.00	20	9 18 12.27	+ 25.5167	- 8.1395	...	...	...	
2116	3213	Velorum ...	$\kappa$	80.14	10	9 18 14.53	+ 1.8574	+ 0.0027	- 0.0046	...	- 0.19	
2117	...	O.A.N. 9881 ...	8.3	64.41	5	9 18 31.58	+ 4.9207	- 0.1126	...	...	...	
2118	3299	Piazzi IX. 74 ...	6.3	69.37	5	9 18 30.96	+ 3.3389	- 0.0124	...	+ 0.01	...	
2119	3199	1 Draconis (Hav.) ...	4.6	79.25	5	9 19 5.42	+ 9.1209	- 0.7958	- 0.0108	- 0.49	...	
2120	...	Lalande 18567 ...	7.5	70.15	4	9 19 33.15	+ 3.3789	+ 0.0144	...	...	...	
2121	...	C.Z. IX. 1576 ...	8.5	68.63	5	9 19 37.65	+ 1.5466	- 0.0035	...	...	...	
2122	...	Lalande 18584 ...	7.2	69.15	10	9 20 5.37	+ 3.3000	- 0.0116	...	...	...	
2123	...	C.P.D. - 35°. 3476 ...	8.8	69.78	5	9 20 10.92	+ 2.4621	+ 0.0056	...	...	...	
2124	...	C.P.D. - 47°. 3305 ...	8.7	69.20	5	9 20 48.14	+ 2.1380	+ 0.0057	...	...	...	
2125	...	Lalande 18595 ...	8.0	73.20	5	9 20 53.20	+ 3.4500	- 0.0173	...	...	...	
2126	...	C.P.D. - 35°. 3486 ...	8.0	70.35	5	9 20 54.46	+ 2.4638	+ 0.0057	...	...	...	
2127	...	C.Z. IX. 1680 ...	8.0	67.68	4	9 21 0.98	+ 0.8841	- 0.0285	...	...	...	
2128	3223	30 Hydræ ...	$\alpha$	2.0	70.53	132	9 21 26.62	+ 2.9505	- 0.0013	- 0.0022	- 0.04	- 0.09
2129	3226	Argelander 196 ...	5.3	78.62	5	9 21 35.29	+ 2.9.97	- 0.0023	...	+ 0.25	+ 0.14	
2130	3221	23 Ursæ Majoris ...	$\delta$	3.7	78.25	5	9 21 39.38	+ 4.7889	- 0.1034	+ 0.0151	+ 0.19	...
2131	3227	2 Leonis ...	$\omega$	5.6	73.98	5	9 21 45.85	+ 3.2163	- 0.0088	+ 0.0024	+ 0.18	...
2132	...	Lalande 18636 ...	7.8	69.20	5	9 22 18.67	+ 3.4059	- 0.0158	...	...	...	
2133	3237	31 Hydræ ...	$\tau^1$	4.9	78.66	5	9 22 48.08	+ 3.0393	- 0.0036	+ 0.0079	- 0.16	- 0.21
2134	...	C.P.D. - 42°. 3716 ...	7.5	64.23	5	9 22 57.40	+ 2.3096	+ 0.0003	...	...	- 0.11	
2135	...	Lalande 18659 ...	8.9	69.37	6	9 23 15.15	+ 3.4187	- 0.0161	...	...	...	

No.	Mean Polar Distance 1875 0	Annual Procession 1875 0	Secular Variation 1875 0	Proper Motion	Madras -		Lacalle	Taylor	Cape 1880	Answers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2101	24 53 14.1	+ 15.108	+ 0.473	...	...	...	...	...	...	...	...
2102	150 27 5.3	..109	..149	...	...	...	...	...	...	...	1847
2103	143 51 27.4	..112	..174	...	...	+ 1.2	...	...	...	...	12719
2104	115 26 3.9	..133	..247	+ 0.007	- 1.1	+ 0.3	3793	4112	4996	...	12728
2105	124 49 36.5	..137	..229	...	...	+ 1.4	...	...	...	...	12729
2106	140 10 21.1	..162	..186	...	...	...	...	...	...	...	1323
2107	139 3 48.5	..173	..190	...	...	+ 0.2	...	...	...	...	12749
2108	25 7 12.3	..182	..496	...	...	...	...	...	...	...	...
2109	70 29 28.5	..190	..316	...	...	...	...	...	...	...	...
2110	124 50 20.3	..191	..228	...	...	...	...	...	...	...	1347
2111	63 16 49.3	..214	..327	+ 0.036	- 2.3	...	...	4120	...	1320	...
2112	118 18 0.0	..238	..240	...	- 1.3	- 1.4	3804	4126	5012	...	12775
2113	151 52 23.0	..216	..130	...	...	+ 2.1	3823	4133	5014	...	12782
2114	75 8 15.4	..257	+ 0.307	...	...	...	...	...	...	...	...
2115	2 19 27.5	..261	+ 2.243	...	...	...	...	...	...	...	...
2116	144 28 39.2	..263	+ 0.169	- 0.015	...	+ 0.3	3816	4134	5018	...	12788
2117	25 6 31.4	..280	..461	...	...	...	...	...	...	...	...
2118	72 52 35.6	..284	..309	...	- 0.5	...	...	4128	...	...	...
2119	8 7 27.6	..311	..852	+ 0.022	+ 0.6	...	...	4102	...	...	...
2120	70 24 0.6	..337	..311	...	...	...	...	...	...	...	...
2121	150 33 27.1	..341	..138	...	...	...	...	...	...	...	1576
2122	75 9 20.1	..367	..363	...	...	...	...	4145	...	...	...
2123	125 24 0.4	..373	..224	...	...	...	...	...	...	...	...
2124	137 30 45.7	..407	..193	...	...	...	...	...	...	...	...
2125	66 16 23.6	..412	..315	...	...	...	...	...	...	...	...
2126	125 25 46.3	..418	..223	...	...	...	...	...	...	...	1670
2127	158 41 2.7	..420	..076	...	...	...	...	...	...	...	1680
2128	98 7 3.9	..444	..268	- 0.041	- 0.9	+ 0.4	...	4155	5055	1330	12862
2129	95 31 31.7	..452	..271	...	- 0.1	- 0.4	...	...	5059	...	12867
2130	25 23 37.2	..455	..438	- 0.026	+ 1.3	...	...	4149	...	1323	...
2131	80 23 59.3	..461	..292	- 0.018	- 1.9	...	...	4157	...	1328	...
2132	68 32 24.2	..492	..310	...	...	...	...	...	...	...	...
2133	92 13 26.1	..519	..274	+ 0.004	+ 1.0	- 0.3	...	4169	5075	1334	12897
2134	132 2 7.1	..527	..207	...	...	+ 0.8	3853	...	5077	...	12903
2135	67 52 18.3	+ 15.544	+ 0.309	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										(Grn. 1880)	C.G.A.	
						h m s	s	s	s	s	s	
2136	...	Lalande 18362 ...	...	7.0	70.00	5	9 23 17.85	+ 3.4197	- 0.0162	...	...	...
2137	3232	24 Ursæ Majoris ...	<i>d</i>	4.6	79.23	5	9 23 23.83	+ 5.4309	- 0.1706	- 0.0139	+ 0.26	...
2138	...	Lalande 18638 ...	...	8.8	68.61	5	9 23 55.04	+ 3.4696	- 0.0159	...	...	...
2139	3249	Carinæ ...	<i>n</i>	6.5	78.27	5	9 24 1.21	+ 1.3172	- 0.0105	...	...	- 0.30
2140	3244	Antliæ ...	<i>ε</i>	4.4	78.30	5	9 24 5.14	+ 2.4744	+ 0.0059	- 0.0045	...	- 0.20
2141	3212	25 Ursæ Majoris ...	<i>θ</i>	3.2	74.87	20	9 24 20.13	+ 4.1558	- 0.0561	- 0.1040	- 0.04	...
2142	...	C.Z. IX. 1975 ...	...	8.5	69.22	5	9 24 30.49	+ 0.9172	- 0.0275	...	...	...
2143	3246	4 Leonis ...	<i>λ</i>	4.4	72.37	5	9 24 35.12	+ 3.4372	- 0.0172	- 0.0023	- 0.05	...
2144	...	C.P.D. - 40°. 3602 ...	...	8.5	65.00	5	9 24 58.71	+ 2.3579	+ 0.0064	...	...	...
2145	...	C.P.D. - 51°. 2281 ...	...	8.0	66.23	5	9 25 5.38	+ 2.0063	+ 0.0052	...	...	0.00
2146	3250	5 Leonis ...	<i>ξ</i>	5.2	79.24	5	9 25 12.37	+ 3.2476	- 0.0100	- 0.0076	- 0.02	...
2147	3251	6 Leonis ...	<i>η</i>	5.4	65.95	5	9 25 15.50	+ 3.2237	- 0.0092	- 0.0005	+ 0.08	...
2148	...	C.P.D. - 50°. 2410 ...	...	7.8	65.82	5	9 25 17.88	+ 2.0746	+ 0.0057	...	...	0.00
2149	3254	(Antliæ ( <i>1st</i> ) ...)	<i>ζ</i> <sup>1</sup>	6.8	78.61	5	9 25 24.66	+ 2.5637	+ 0.0053	...	...	- 0.18
2150		(Antliæ ( <i>2nd</i> ) ...)	<i>ζ</i> <sup>2</sup>	6.5	79.05	5	9 25 25.07	+ 2.5638	+ 0.0053	...	...	- 0.07
2151	...	Lalande 18730 ...	...	8.4	67.59	5	9 25 29.77	+ 3.3980	- 0.0156	...	...	...
2152	3257	Velorum ...	<i>ψ</i>	3.5	77.14	5	9 25 46.65	+ 2.3751	+ 0.0065	- 0.0192	...	- 0.14
2153	3262	Antliæ ...	<i>ζ</i> <sup>2</sup>	6.0	78.65	5	9 26 11.31	+ 2.5663	+ 0.0053	...	...	- 0.27
2154	3261	10 Leonis Minoris ...	...	4.7	78.64	5	9 26 33.49	+ 3.6964	- 0.0295	- 0.0002	- 0.12	...
2155	...	C.Z. IX. 2190 ...	...	8.5	65.04	5	9 27 2.94	+ 1.8666	+ 0.0037	...	...	...
2156	...	C.Z. IX. 2203 ...	...	8.2	65.42	5	9 27 16.24	+ 1.8911	+ 0.0038	...	...	...
2157	3269	Velorum ...	<i>χ</i>	3.0	79.09	5	9 27 25.38	+ 1.8254	+ 0.0028	- 0.0064	...	- 0.19
2158	...	C.Z. IX. 2268 ...	...	8.2	66.32	7	9 28 4.85	+ 1.8322	+ 0.0029	...	...	+ 0.09
2159	...	C.P.D. - 38°. 3444 ...	...	9.0	65.77	7	9 28 25.06	+ 2.4118	+ 0.0066	...	...	...
2160	...	C.Z. IX. 2312 ...	...	8.5	68.69	4	9 28 36.73	+ 1.8290	+ 0.0029	...	...	+ 0.07
2161	...	Brisbane 2543 ...	...	8.5	69.38	5	9 28 49.08	+ 1.9427	+ 0.0047	...	...	+ 0.06
2162	...	C.Z. IX. 2342 ...	...	7.5	67.22	5	9 28 57.81	+ 1.8335	+ 0.0030	...	...	+ 0.12
2163	...	Carinæ ...	<i>R</i>	Var.	81.23	10	9 29 5.82	+ 1.5183	- 0.0042	...	...	- 0.15
2164	3276	Brisbane 2546 ...	...	5.3	78.27	5	9 29 15.28	+ 2.1500	+ 0.0067	...	...	- 0.40
2165	...	C.P.D. - 38°. 3458 ...	...	9.0	64.93	4	9 29 21.38	+ 2.4149	+ 0.0067	...	...	...
2166	...	C.P.D. - 38°. 3461 ...	...	8.5	65.61	5	9 29 27.79	+ 2.4142	+ 0.0068	...	...	...
2167	3280	Velorum ...	<i>ℓ</i>	5.2	78.89	5	9 29 48.62	+ 2.0768	+ 0.0063	...	...	- 0.29
2168	...	C.Z. IX. 2413 ...	...	9.0	68.02	5	9 29 52.80	+ 1.8367	+ 0.0031	...	...	...
2169	3278	8 Leonis ...	...	5.9	69.15	5	9 30 8.67	+ 3.3208	- 0.0129	- 0.0025	0.00	...
2170	3286	10 Leonis ...	...	5.0	65.72	5	9 30 36.53	+ 3.1776	- 0.0077	- 0.0058	- 0.05	...

No.	Mean Polar Distance 18750	Annual Precession 18750	Secular Variation 18750	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2136	67 38 257	+ 15515	+ 0309	...	...	...	...	...	...	...	...
2137	19 37 197	552	494	- 0072	- 02	...	...	4160	...	1324	...
2138	68 9 415	581	308	...	...	...	...	...	...	...	...
2139	151 23 190	586	114	...	...	+ 22	3890	4198	5087	...	12927
2140	125 24 204	590	220	+ 0017	...	+ 15	3861	4186	5090	...	12980
2141	37 45 159	612	371	+ 0547	+ 05	...	...	4180	...	1332	...
2142	158 43 368	613	077	...	...	...	...	...	...	...	1975
2143	65 28 559	617	308	+ 0034	+ 07	...	...	4183	5100	1335	...
2144	130 29 20	639	209	...	...	...	...	...	...	...	2023
2145	141 52 490	645	176	...	...	+ 11	3886	...	5105	...	12962
2146	78 8 514	651	289	+ 0060	- 00	...	...	4191	5114	1338	...
2147	79 44 25	654	288	- 0009	- 09	...	...	4192	...	1339	...
2148	140 3 210	656	182	...	...	+ 03	3887	...	5113	...	12971
2149	121 20 306	663	227	...	...	+ 07	...	...	5115	...	12977
2150	121 20 238	663	227	...	...	+ 17	3880	4200	5116	...	12978
2151	68 40 429	667	391	...	...	...	...	...	...	...	...
2152	129 55 142	683	209	- 0083	...	+ 13	3885	4203	5124	...	12080
2153	121 19 192	705	226	...	...	+ 09	3884	4206	5130	...	13001
2154	53 2 530	725	327	+ 0010	- 27	...	...	4201	...	1340	...
2155	145 5 195	751	164	...	...	...	...	...	...	...	2190
2156	145 1 11	763	164	...	...	...	...	...	...	...	2203
2157	146 28 593	772	157	- 0010	...	- 14	3910	4218	5143	...	13030
2158	146 26 142	808	158	...	...	+ 08	3912	4222	5147	...	13042
2159	128 48 471	825	210	...	...	...	...	...	...	...	2292
2160	146 34 515	836	157	...	...	+ 32	...	...	...	...	13057
2161	144 2 347	847	167	...	...	+ 14	...	...	...	...	13065
2162	146 32 270	855	157	...	...	- 03	3921	4226	5155	...	13067
2163	152 14 111	862	129	...	...	+ 19	3932	...	5158	...	13073
2164	138 27 23	871	185	...	...	+ 33	3917	...	5161	...	13077
2165	128 49 504	875	209	...	...	...	...	...	...	...	2379
2166	128 52 285	881	208	...	...	...	...	...	...	...	2383
2167	140 41 573	900	178	...	...	- 07	3925	4233	5168	...	13080
2168	146 36 296	904	156	...	...	...	...	...	...	...	2413
2169	73 0 132	917	288	+ 0002	+ 16	...	...	4228	...	1347	...
2170	82 36 170	+ 15042	+ 0276	- 0019	- 16	...	...	4234	...	1349	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
2171	...	C.Z. IX. 2464 ...	8.5	81.21	5	9 30 37.00	+ 1.4861	- 0.0051	...	...	+ 0.20
2172	...	C.Z. IX. 2463 ...	8.2	81.21	5	9 30 37.50	+ 1.5026	- 0.0047	...	...	- 0.07
2173	3201	Carinae ...	II	5.5	79.31	3	9 30 39.00	+ 0.4963	- 0.0544	- 0.009	- 0.30
2174	3289	Carinae ...	h	4.2	78.23	5	9 30 48.94	+ 1.7413	+ 0.0014	- 0.0032	- 0.03
2175	...	C.P.D. - 36°. 3787 ...	9.1	67.60	5	9 31 48.75	+ 2.4767	+ 0.0067	...	...	...
2176	3300	Velorum ...	M	4.4	65.18	5	9 32 21.17	+ 2.1552	+ 0.0063	- 0.012	- 0.09
2177	...	C.P.D. - 39°. 3765 ...	8.4	68.39	6	9 32 38.90	+ 2.4065	+ 0.0072	...	...	...
2178	...	C.P.D. - 39°. 3772 ...	8.8	64.40	5	9 32 53.99	+ 2.4019	+ 0.0072	...	...	...
2179	3302	Velorum ...	y	5.4	78.64	5	9 33 8.54	+ 2.3365	+ 0.0075	...	- 0.06
2180	...	W.B.E. IX. 708 ...	7.0	77.28	5	9 33 9.48	+ 3.1247	- 0.0060	...	...	...
2181	...	C.P.D. - 39°. 3777 ...	9.0	66.19	4	9 33 20.56	+ 2.4061	+ 0.0072	...	...	...
2182	3303	35 Hydræ ...	ε	4.2	78.63	5	9 33 28.31	+ 3.0642	- 0.0041	+ 0.0015	0.00
2183	3311	38 Hydræ ...	κ	4.9	78.87	5	9 34 18.76	+ 2.8777	+ 0.0009	- 0.0017	- 0.08
2184	3312	14 Leonis ...	ο	3.8	78.53	59	9 34 28.58	+ 3.2186	- 0.0043	- 0.0107	- 0.07
2185	...	C.Z. IX. 2757 ...	8.8	69.96	5	9 34 49.90	+ 1.7752	+ 0.0024	...	...	0.00
2186	...	Brisbane 2596 ...	7.2	67.82	5	9 35 6.95	+ 2.0473	+ 0.0065	...	...	- 0.27
2187	...	C.Z. IX. 2785 ...	8.2	66.37	5	9 35 9.30	+ 1.5874	- 0.0021	...	...	- 0.14
2188	...	C.P.D. - 40°. 3795 ...	8.5	64.37	6	9 35 10.23	+ 2.3908	+ 0.0075	...	...	...
2189	...	C.Z. IX. 2829 ...	9.0	68.83	5	9 35 50.85	+ 1.7867	+ 0.0027	...	...	...
2190	...	C.Z. IX. 2831 ...	7.5	66.38	6	9 35 51.48	+ 1.5937	- 0.0020	...	...	+ 0.20
2191	3320	Carinae ...	m	4.6	78.24	5	9 35 53.30	+ 1.6673	0.0000	...	- 0.09
2192	...	C.Z. IX. 2853 ...	8.0	66.85	5	9 36 9.08	+ 1.7794	+ 0.0026	...	...	+ 0.04
2193	3315	28 Ursæ Majoris ...	κ	6.8	78.29	5	9 36 17.20	+ 4.6969	- 0.1081	- 0.0019	+ 0.22
2194	3318	Piazzi IX. 158 ...	6.5	69.17	5	9 36 22.37	+ 3.3694	- 0.0154	...	- 0.01	...
2195	...	R.P.L. 69 ...	7.9	76.55	40	9 36 22.65	+ 18.9376	- 5.5551	...	...	...
2196	3321	16 Leonis ...	ψ	5.7	71.12	5	9 36 55.35	+ 3.2756	- 0.0115	- 0.0009	- 0.01
2197	...	Anonymous ...	10.0	77.29	5	9 36 57.26	+ 3.2120	- 0.0091	...	...	...
2198	...	C.Z. IX. 2911 ...	9.0	70.02	5	9 37 6.93	+ 1.6075	- 0.0016	...	...	...
2199	...	C.Z. IX. 2920 ...	7.8	79.79	5	9 37 14.74	+ 1.8008	+ 0.0031	...	...	+ 0.12
2200	...	C.Z. IX. 2933 ...	8.2	69.42	5	9 37 24.62	+ 1.7972	+ 0.0030	...	...	- 0.11
2201	...	Anonymous ...	10.0	77.29	5	9 37 41.42	+ 3.2127	- 0.0092	...	...	...
2202	...	Leonis Minoris ...	R	Var.	66.46	10	9 38 4.27	+ 3.6174	- 0.0276	...	...
2203	3332	Antlæ ...	θ	4.9	78.24	5	9 38 37.98	+ 2.6718	+ 0.0052	- 0.0036	+ 0.16
2204	3331	17 Leonis ...	ε	3.1	71.61	161	9 38 45.13	+ 3.4219	- 0.0180	- 0.0043	- 0.05
2205	3336	B.D. + 7°. 2101 ...	6.0	68.21	5	9 39 34.26	+ 3.1705	- 0.0075	...	- 0.04	...

2201.—B.D. + 10°. 2048 (9.4) (P)

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2171	152 55 60	+ 15943	+ 0.124	...	...	+ 3.2	...	...	...	...	13104
2172	152 40 33.7	944	.126	...	...	+ 2.7	...	...	...	...	13105
2173	162 31 41.3	945	.037	0.00	...	+ 5.7	3908	...	5174	...	13107
2174	148 41 21.0	+ 15954	.147	- 0.010	...	- 0.3	3949	4246	5179	...	13112
2175	126 25 42.4	+ 16096	.211	...	...	...	...	...	...	...	...
2176	138 47 44.0	.034	.182	- 0.03	...	+ 0.4	3952	4259	5203	...	13145
2177	129 42 17.1	.050	.204	...	...	...	...	...	...	...	...
2178	129 56 59.0	.063	.208	...	...	...	...	...	...	...	2630
2179	132 37 39.3	.077	.197	...	...	+ 0.3	3956	4261	5213	...	13159
2180	83 14 24.0	.078	.265	...	...	...	...	...	...	...	...
2181	129 50 31.6	.086	.203	...	...	...	...	...	...	...	2643
2182	90 34 31.6	.094	.250	+ 0.033	+ 0.2	0.0	...	4260	...	1356	13164
2183	103 45 58.2	.137	.242	- 0.013	- 0.6	+ 1.1	...	4273	5225	1362	13184
2184	79 32 23.9	.146	.272	+ 0.021	- 0.9	...	...	4272	5227	1360	...
2185	148 36 43.3	.164	.147	...	...	+ 1.2	3980	...	5229	...	13192
2186	142 22 40.9	.178	.170	...	...	+ 0.4	...	4280	5232	...	13197
2187	151 59 31.5	.180	.139	...	...	+ 3.7	...	...	...	...	13199
2188	130 37 37.7	.182	.200	...	...	...	...	...	...	...	2756
2189	148 32 31.9	.217	.147	...	...	...	...	...	...	...	2889
2190	151 59 20.9	.217	.139	...	...	+ 1.6	...	...	...	...	13216
2191	150 45 46.5	.220	.136	...	...	+ 0.3	3987	4289	5240	...	13217
2192	148 43 6.9	.232	.116	...	...	+ 1.6	...	...	5243	...	13225
2193	25 46 22.0	.239	.305	+ 0.034	- 1.5	...	...	4277	...	1355	...
2194	69 14 12.5	.244	+ 0.282	...	+ 0.1	...	...	4284	...	...	...
2195	2 49 45.4	.244	+ 1.612	...	...	...	...	...	...	...	...
2196	75 24 27.0	.272	+ 0.273	+ 0.002	- 0.9	...	...	4287	...	1366	...
2197	79 51 18.0	.274	.267	...	...	...	...	...	...	...	...
2198	151 56 48.6	.282	.130	...	...	...	...	...	...	...	2921
2199	148 28 10.4	.288	.146	...	...	- 3.5	...	...	...	...	13242
2200	148 34 15.7	.290	.146	...	...	+ 3.0	...	...	...	...	13244
2201	79 45 44.9	.311	.265	...	...	...	...	...	...	...	...
2202	74 54 4.8	.330	.301	...	...	...	...	...	...	...	...
2203	117 11 53.0	.350	.219	- 0.032	- 0.9	+ 1.0	3991	4301	5261	...	13265
2204	65 39 5.7	.365	.282	+ 0.095	+ 0.9	...	...	4300	5263	1368	...
2205	82 42 56.4	+ 16.106	+ 0.230	...	- 0.8	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
2206	3337	18 Leonis ... ..	6.1	69.86	5	9 39 39.17	+ 3.2410	- 0.0103	- 0.0016	0.00	...
2207	...	C.Z. IX. 3112 ... ..	...	8.5	70.59	5	9 39 59.40	+ 1.8153	+ 0.0036	...	...
2208	3345	Leonis ... ..	R	Var.	63.73	10	9 40 49.94	+ 3.2345	- 0.0101	- 0.0021	- 0.10
2209	...	Lalande 19205 ... ..	...	7.7	77.30	5	9 41 5.03	+ 3.2155	- 0.0093	...	...
2210	3353	Carinae ... ..	l	Var.	75.24	10	9 41 48.77	+ 1.6504	- 0.0001	- 0.0043	...
2211	...	C.P.D. - 40°. 3887 ... ..	...	9.0	67.07	6	9 41 56.29	+ 2.4160	+ 0.0083	...	...
2212	3340	29 Ursae Majoris ... ..	v	4.0	78.23	5	9 42 5.26	+ 4.3635	- 0.0821	- 0.0397	+ 0.18
2213	...	Brisbane 2668 ... ..	...	7.8	69.03	5	9 42 11.74	+ 1.8303	+ 0.0012	...	+ 0.18
2214	...	C.P.D. - 40°. 3895 ... ..	...	8.5	68.60	5	9 42 16.62	+ 2.4182	+ 0.0083	...	...
2215	...	C.P.D. - 40°. 3906 ... ..	...	8.5	67.03	5	9 43 8.77	+ 2.4224	+ 0.0084	...	...
2216	3358	30 Ursae Majoris ... ..	φ	4.4	78.20	5	9 43 35.17	+ 4.1288	- 0.0634	- 0.0001	- 0.13
2217	...	B.D. + 18°. 2276 ... ..	...	8.0	71.20	10	9 43 48.62	+ 3.3200	- 0.0138	...	...
2218	...	Lalande 19286 ... ..	...	7.5	70.98	5	9 43 48.88	+ 3.0812	- 0.0014	...	...
2219	...	C.Z. IX. 3383 ... ..	...	9.0	64.62	5	9 43 49.48	+ 2.0423	+ 0.0075	...	...
2220	...	Brisbane 2680 ... ..	...	7.8	66.62	5	9 43 56.82	+ 2.0498	+ 0.0075	...	+ 0.09
2221	3365	Carinae .. ...	v	3.0	79.18	10	9 43 58.62	+ 1.5050	- 0.0015	- 0.0039	...
2222	...	Anonymous ... ..	...	8.2	69.19	5	9 44 26.68	+ 1.9210	+ 0.0000	...	...
2223	...	C.Z. IX. 3446 ... ..	...	9.0	70.27	2	9 44 30.14	+ 1.8539	+ 0.0047	...	...
2224	...	B.D. + 18°. 2278 ... ..	...	8.2	71.20	10	9 44 45.86	+ 3.3148	- 0.0136	...	...
2225	...	B.D. + 18°. 2279 ... ..	...	9.0	70.02	10	9 44 54.82	+ 3.3127	- 0.0135	...	...
2226	...	C.P.D. - 39°. 3946 ... ..	...	9.2	67.68	6	9 45 24.09	+ 2.4542	+ 0.0085	...	...
2227	3372	39 Hydrae ... ..	v <sup>1</sup>	4.3	78.21	5	9 45 27.84	+ 2.8810	+ 0.0015	- 0.0009	- 0.08
2228	3371	24 Leonis ... ..	μ	4.1	82.03	48	9 45 39.03	+ 3.4425	- 0.0198	- 0.0175	- 0.01
2229	...	C.P.D. - 39°. 3966 ... ..	...	8.8	66.21	5	9 46 23.14	+ 2.4713	+ 0.0086	...	...
2230	...	C.P.D. - 39°. 3974 ... ..	...	9.0	64.99	5	9 46 53.79	+ 2.4738	+ 0.0085	...	...
2231	3389	Brisbane 2710 ... ..	...	5.6	67.43	4	9 47 24.80	+ 1.6881	+ 0.0013	...	+ 0.03
2232	...	B.D. + 14°. 2162 ... ..	...	9.5	69.83	5	9 47 42.45	+ 3.2594	- 0.0113	...	...
2233	...	R.P.L. 70 ... ..	...	6.5	75.13	65	9 48 16.05	+ 10.6466	- 1.5567	...	...
2234	...	C.Z. IX. 3783 ... ..	...	9.2	74.37	59					
2235	...	W.B.N. IX. 1020 ... ..	...	8.0	71.02	10	9 49 3.64	+ 3.3090	- 0.0137	...	...
2236	...	W.B.N. IX. 1047 ... ..	...	9.0	71.53	10	9 50 8.89	+ 3.3005	- 0.0133	...	...
2237	...	W.B.E. IX. 1057 ... ..	...	7.0	65.14	6	9 50 19.02	+ 3.1330	- 0.0062	- 0.0134	...
2238	...	Brisbane 2731 ... ..	...	7.0	63.84	5	9 50 20.56	+ 2.4742	+ 0.0091	...	- 0.16
2239	...	C.Z. IX. 3950 ... ..	...	8.5	65.85	5	9 51 9.87	+ 2.0274	+ 0.0082	...	...
2240	...	Anonymous ... ..	...	9.8	73.08	9	9 51 11.50	+ 3.2960	- 0.0131	...	...

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2206	77 36 51.5	+ 16.410	+ 0.266	- 0.029	- 0.6	...	...	4306	...	1370	...
2207	148 36 43.7	.427	.145	...	...	...	...	...	...	...	3112
2208	77 58 32.4	.469	.263	+ 0.02	- 0.4	...	...	4318	...	1373	...
2209	79 20 47.5	.482	.260	...	...	...	...	...	...	...	...
2210	151 55 56.4	.518	.130	- 0.007	...	+ 1.1	4083	4333	5291	...	13336
2211	130 48 52.0	.524	.193	...	...	...	...	...	...	...	3255
2212	30 22 20.3	.532	.353	+ 0.153	+ 0.2	...	...	4320	...	1371	...
2213	148 28 17.8	.537	.145	...	...	+ 2.6	...	4337	5296	...	13349
2214	130 52 22.7	.541	.193	...	...	...	...	...	...	...	3285
2215	130 50 51.8	.583	.192	...	...	...	...	...	...	...	3559
2216	35 21 9.3	.606	.331	- 0.025	- 1.5	...	...	4335	...	1375	...
2217	71 40 58.5	.617	.265	...	...	...	...	...	...	...	...
2218	89 18 51.7	.617	.247	...	...	...	...	...	...	...	3553
2219	143 59 53.3	.617	.160	...	...	...	...	...	...	...	13388
2220	143 48 57.0	.623	.160	...	...	+ 1.5	...	...	...	...	...
2221	154 26 31.9	.625	.116	- 0.011	...	+ 2.0	4051	4349	5311	...	13389
2222	147 4 39.4	.648	.150	...	...	...	...	...	...	...	...
2223	148 33 1.3	.651	.144	...	...	...	...	...	...	...	3446
2224	71 56 1.5	.668	.263	...	...	...	...	...	...	...	...
2225	72 3 45.2	.670	.262	...	...	...	...	...	...	...	...
2226	129 50 24.4	.684	.192	...	...	...	...	...	...	...	...
2227	104 15 39.5	.697	.226	+ 0.015	- 1.5	- 1.2	...	4355	5328	1388	13425
2228	63 24 20.2	.706	.271	+ 0.041	+ 0.5	...	...	4353	5332	1384	...
2229	129 5 56.5	.741	.192	...	...	...	...	...	...	...	3588
2230	129 10 1.1	.766	.192	...	...	...	...	...	...	...	3632
2231	152 9 37.7	.791	.128	...	...	+ 3.4	4066	4381	5348	...	13466
2232	75 36 34.4	.805	.253	...	...	...	...	...	...	...	...
2233	5 28 53.7	.832	.837	...	...	...	...	...	...	...	...
2234	152 10 46.0	.861	.128	...	...	+ 3.0	...	...	...	...	13504
2235	71 51 58.2	.870	.255	...	...	...	...	...	...	...	...
2236	72 21 1.3	.921	.251	...	...	...	...	...	...	...	...
2237	85 9 48.8	.929	.239	+ 0.065	...	...	...	...	...	...	...
2238	129 50 36.7	.929	.187	...	...	+ 1.7	4073	4402	5377	...	13541
2239	145 42 19.3	.968	.151	...	...	...	...	...	...	...	3950
2240	72 33 49.3	+ 16.970	+ 0.250	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
2241	3406	27 Leonis ... ..	v	5.3	73.15	9	9 51 29.88	+ 3.2369	- 0.0106	- 0.0034	+ 0.07	...
2242	3410	Velorum ... ..	φ	3.7	77.15	5	9 52 28.57	+ 2.1012	+ 0.0093	- 0.0037	...	- 0.01
2243	...	B.D. + 18°. 2301 ...	...	9.5	71.64	10	9 52 52.16	+ 3.3000	- 0.0134	...	...	...
2244	...	C.P.D. - 39°. 4076 ...	...	9.5	68.42	5	9 53 9.67	+ 2.4883	+ 0.0095	...	...	...
2245	...	Lalande 19559 ... ..	...	6.4	83.14	5	9 53 26.02	+ 2.8202	+ 0.0039	...	- 0.14	- 0.04
2246	3417	Antliae ... ..	γ	5.3	78.21	5	9 53 30.56	+ 2.5760	+ 0.0085	- 0.0097	...	- 0.17
2247	3415	29 Leonis ... ..	π	5.0	70.78	179	9 53 36.37	+ 3.1787	- 0.0080	- 0.0034	- 0.03	...
2248	...	C.Z. IX. 4172 ... ..	...	8.2	66.05	5	9 54 12.44	+ 1.7512	+ 0.0034	...	...	- 0.01
2249	...	C.Z. IX. 4206 ... ..	...	8.8	65.81	5	9 54 22.05	+ 2.1137	+ 0.0097	...	...	...
2250	...	Brisbane 2773 ... ..	...	7.8	64.71	6	9 55 4.97	+ 1.9830	+ 0.0083	...	...	- 0.23
2251	...	C.P.D. - 35°. 3890 ...	...	9.0	70.78	5	9 55 14.99	+ 2.5813	+ 0.0086	...	...	...
2252	...	W.B.N. IX. 1169 ... ..	...	9.0	71.58	10	9 55 42.70	+ 3.2786	- 0.0127	...	...	...
2253	...	B.D. + 18°. 2165 ...	...	9.5	71.78	11	9 55 44.24	+ 3.2916	- 0.0132	...	...	...
2254	3423	Piazzi IX. 230 ... ..	...	5.0	72.77	5	9 55 50.58	+ 3.3584	- 0.0165	...	- 0.01	...
2255	...	C.Z. IX. 4325 ... ..	...	8.5	66.03	5	9 56 13.95	+ 1.9951	+ 0.0086	...	...	...
2256	...	C.P.D. - 40°. 4127 ...	...	9.9	68.60	5	9 56 26.03	+ 2.4961	+ 0.0097	...	...	...
2257	...	C.Z. IX. 4366 ... ..	...	8.5	68.20	5	9 56 49.75	+ 2.1262	+ 0.0102	...	...	...
2258	...	W.B.N. IX. 1189 ... ..	...	9.0	72.01	10	9 57 3.54	+ 3.2788	- 0.0127	...	...	...
2259	...	C.P.D. - 39°. 4150 ...	...	9.5	65.39	5	9 57 34.83	+ 2.5012	+ 0.0099	...	...	...
2260	...	C.Z. IX. 4464 ... ..	...	9.0	69.72	6	9 58 10.79	+ 2.0825	+ 0.0099	...	...	...
2261	...	Brisbane 2808 ... ..	...	8.0	66.35	6	9 58 14.31	+ 2.0810	+ 0.0100	...	...	+ 0.13
2262	...	W.B.N. IX. 1230 ... ..	...	9.0	71.94	10	9 58 28.82	+ 3.2799	- 0.0129	...	...	...
2263	...	C.Z. IX. 4487 ... ..	...	9.0	71.48	4	9 58 32.55	+ 2.1437	+ 0.0105	...	...	...
2264	...	Anonymous ... ..	...	8.6	67.26	5	9 58 46.67	+ 1.8700	+ 0.0067	...	...	...
2265	...	Brisbane 2816 ... ..	...	6.9	65.83	5	9 59 0.66	+ 1.8292	+ 0.0058	...	...	+ 0.04
2266	...	B.D. + 3°. 2315 ... ..	...	9.0	70.27	5	9 59 57.08	+ 3.1124	- 0.0054	...	...	...
2267	3446	21 Leonis Minoris ...	...	4.6	78.25	6	10 0 3.11	+ 3.5554	- 0.0285	+ 0.0038	0.00	...
2268	3449	14 Sextantis ... ..	...	6.9	71.38	5	10 0 15.18	+ 3.1449	- 0.0066	- 0.0047	+ 0.03	...
2269	...	B.D. + 3°. 2316 ... ..	...	9.3	68.46	5	10 0 28.71	+ 3.1139	- 0.0055	...	...	...
2270	3453	30 Leonis ... ..	γ	3.6	70.58	9	10 0 30.94	+ 3.2805	- 0.0131	- 0.0013	+ 0.07	...
2271	...	W.B.N. IX. 1232 ... ..	...	8.9	71.41	10	10 0 54.35	+ 3.2738	- 0.0127	...	...	...
2272	3457	31 Leonis ... ..	Δ	4.6	65.38	5	10 1 16.14	+ 3.1963	- 0.0091	- 0.0082	- 0.01	...
2273	...	Velorum ... ..	ℓ	Var.	81.42	12	10 1 27.32	+ 2.2367	+ 0.0118	...	...	+ 0.03
2274	3458	15 Sextantis ... ..	...	4.5	78.24	5	10 1 32.50	+ 3.0750	- 0.0038	- 0.0003	...	...
2275	...	Lalande 19749 ... ..	...	8.5	75.11	5	10 1 33.26	+ 3.2199	- 0.0102	...	...	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2241	76 57 37.2	+ 16.984	+ 0.245	+ 0.004	+ 1.2	...	...	4410	...	1895	...
2242	143 58 24.3	+ 17.030	.154	0.000	...	+ 1.0	4093	4426	5400	...	13503
2243	72 4 40.1	.047	.247	...	...	...	...	...	...	...	...
2244	129 43 48.0	.061	.184	...	...	...	...	...	...	...	4086
2245	109 45 34.8	.073	.209	...	+ 0.8	+ 3.0	...	...	...	...	13617
2246	125 17 31.9	.077	.190	+ 0.021	...	- 2.0	4095	4434	5410	...	18618
2247	81 21 24.7	.081	.236	+ 0.006	- 1.2	...	...	4433	5411	1398	...
2248	152 0 50.0	.108	.127	...	...	+ 4.0	...	...	...	...	18630
2249	144 1 23.2	.123	.154	...	...	...	...	...	...	...	4206
2250	147 31 49.3	.148	.143	...	...	+ 1.5	4108	4445	5419	...	13651
2251	125 20 33.7	.156	.188	...	...	...	...	...	...	...	4250
2252	73 20 49.0	.177	.240	...	...	...	...	...	...	...	...
2253	72 21 8.6	.178	.241	...	...	...	...	...	...	...	...
2254	67 26 58.0	.183	.245	...	+ 1.9	...	...	4444	...	...	...
2255	147 27 21.7	.200	.143	...	...	...	...	...	...	...	4325
2256	130 0 31.5	.209	.180	...	...	...	...	...	...	...	...
2257	144 7 0.6	.227	.152	...	...	...	...	...	...	...	4306
2258	73 10 40.4	.237	.238	...	...	...	...	...	...	...	...
2259	129 59 49.0	.260	.179	...	...	...	...	...	...	...	4430
2260	145 36 12.9	.287	.147	...	...	...	...	...	...	...	4464
2261	145 39 13.9	.290	.147	...	...	+ 2.7	...	4476	5451	...	13724
2262	72 55 41.2	.301	.235	...	...	...	...	...	...	...	...
2263	143 57 18.0	.303	.151	...	...	...	...	...	...	...	4487
2264	150 42 9.3	.314	.131	...	...	...	...	...	...	...	...
2265	151 33 10.8	.324	.128	...	...	+ 1.2	4148	4484	5461	...	13742
2266	86 33 31.8	.365	.221	...	...	...	...	...	...	...	...
2267	54 8 49.5	.370	.252	- 0.016	0.0	...	...	4481	...	1401	...
2268	83 46 46.6	.379	.222	- 0.018	- 1.6	...	...	4488	...	1404	...
2269	86 25 26.6	.383	.220	...	...	...	...	...	...	...	...
2270	72 37 44.1	.391	.232	- 0.009	+ 0.5	...	...	4492	...	1403	...
2271	73 6 49.6	.408	.231	...	...	...	...	...	...	...	...
2272	79 23 26.6	.423	.225	+ 0.038	- 0.5	...	...	4501	...	1405	...
2273	141 34 47.3	.430	.154	...	...	+ 0.2	4150	4506	5488	...	13800
2274	89 45 41.8	.435	.215	- 0.024	...	...	...	4504	5489	...	...
2275	77 23 35.9	+ 17.435	.224	...	...	...	...	4508	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
2276	3459	32 Leonis ( <i>Regulus</i> )	$\alpha$	1.4	60.63	179	10 1 42.75	+ 3.2154	- 0.0102	- 0.0178	- 0.004	...
2277	...	C.Z. X. 116	...	7.5	82.15	5	10 1 45.91	+ 1.9034	+ 0.0078	...	...	- 0.28
2278	...	C.P.D. - 40°. 4212	...	9.0	67.07	7	10 1 48.87	+ 2.5173	+ 0.0105	...	...	...
2279	3460	Lalande 19766	...	7.5	68.13	6	10 2 16.63	+ 3.3002	- 0.0141	...	...	...
2280	...	C.P.D. - 37°. 3953	...	9.0	81.34	5	10 2 18.36	+ 2.5721	+ 0.0099	...	...	...
2281	...	C.P.D. - 39°. 4208	...	9.0	70.04	5	10 2 29.20	+ 2.5220	+ 0.0105	...	...	...
2282	...	C.P.D. - 37°. 3956	...	9.0	81.34	5	10 2 34.40	+ 2.5647	+ 0.0100	...	...	...
2283	...	Brisbane 2851	...	8.0	66.03	5	10 2 36.40	+ 2.1720	+ 0.0115	...	...	- 0.15
2284	...	C.P.D. - 36°. 4101	...	9.4	81.50	5	10 2 44.31	+ 2.5887	+ 0.0097	...	...	...
2285	...	C.P.D. - 33°. 2826	...	9.5	70.04	6	10 2 48.51	+ 2.6380	+ 0.0084	...	...	...
2286	...	C.P.D. - 37°. 3961	...	8.5	81.80	5	10 2 53.00	+ 2.5736	+ 0.0100	...	...	...
2287	3467	Rumker 193	...	7.5	78.22	5	10 3 2.96	+ 1.9130	+ 0.0092	...	...	- 0.16
2288	...	C.P.D. - 40°. 4281	...	9.3	67.51	6	10 3 14.37	+ 2.5250	+ 0.0106	...	...	...
2289	3469	33 Leonis	...	7.7	74.66	9	10 3 57.18	+ 3.2621	- 0.0123	+ 0.0005	...	...
2290	3472	Velorum	...	5.2	78.28	5	10 4 11.91	+ 2.2674	+ 0.0122	...	...	- 0.41
2291	...	Antlia	...	R	Var.	81.24	10 4 21.92	+ 2.5831	+ 0.0100	...	...	- 0.12
2292	3473	41 Hydrae	...	$\lambda$	3.9	78.28	10 4 29.47	+ 2.4381	+ 0.0015	- 0.0148	- 0.10	- 0.21
2293	...	C.P.D. - 32°. 2332	...	8.8	70.60	5	10 4 54.80	+ 2.6551	+ 0.0089	...	...	- 0.17
2294	...	Anonymous	...	9.6	68.81	5	10 5 2.58	+ 2.6462	+ 0.0091	...	...	...
2295	...	Lalande 19846	...	8.0	83.14	5	10 5 17.81	+ 2.8758	+ 0.0035	...	...	...
2296	...	Carinae	...	S	Var.	81.24	10 5 22.96	+ 1.9186	+ 0.0087	...	...	- 0.02
2297	...	C.P.D. - 50°. 3107	...	8.2	65.74	4	10 5 39.12	+ 2.2948	+ 0.0124	...	...	...
2298	...	C.P.D. - 36°. 4143	...	8.5	81.34	5	10 6 7.49	+ 2.5929	+ 0.0103	...	...	...
2299	...	Brisbane 2876	...	7.8	64.22	5	10 6 37.44	+ 2.5515	+ 0.0109	...	...	- 0.13
2300	...	C.P.D. - 37°. 4006	...	9.0	81.33	5	10 6 46.39	+ 2.5849	+ 0.0105	...	...	...
2301	...	C.Z. X. 519	...	8.5	82.16	5	10 6 59.63	+ 1.8098	+ 0.0063	...	...	- 0.03
2302	3491	Brisbane 2887	...	6.4	69.61	5	10 7 25.27	+ 2.0845	+ 0.0116	...	...	- 0.22
2303	...	C.P.D. - 40°. 4279	...	9.0	65.80	5	10 7 35.20	+ 2.5434	+ 0.0112	...	...	...
2304	...	C.P.D. - 46°. 3223	...	8.0	69.82	5	10 8 25.43	+ 2.3270	+ 0.0130	...	...	...
2305	3499	Velorum	...	R	5.6	78.22	10 8 33.38	+ 2.3112	+ 0.0131	...	...	- 0.19
2306	3496	32 Ursae Majoris	...	5.7	78.46	5	10 8 55.78	+ 4.4538	- 0.1154	- 0.0156	- 0.25	...
2307	...	C.P.D. - 49°. 3243	...	9.0	66.09	7	10 9 27.24	+ 2.3354	+ 0.0131	...	...	...
2308	3506	Piazzi X. 23	...	6.6	69.12	11	10 9 27.53	+ 3.2780	- 0.0135	+ 0.0005	...	...
2309	3509	Velorum	...	q	4.0	77.15	10 9 29.53	+ 2.5236	+ 0.0118	- 0.0174	...	+ 0.11
2310	3505	33 Ursae Majoris	...	$\lambda$	3.6	80.18	10 9 32.92	+ 3.6610	- 0.0386	- 0.0162	- 0.12	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1883	C.G.A.					
2276	77 25 21.7	+ 17.412	+ 0.235	- 0.014	- 0.8	...	...	4505	5490	...	...
2277	150 33 52.2	.441	.130	...	...	+ 1.4	...	...	...	...	13804
2278	130 5 10.1	.447	.175	...	...	...	...	...	...	...	131
2279	70 51 22.5	.447	.230	...	...	...	...	...	...	...	...
2280	127 17 17.3	.468	.177	...	...	...	...	...	...	...	156
2281	120 50 37.7	.475	.173	...	...	...	...	...	...	...	171
2282	127 11 36.7	.480	.176	...	...	...	...	...	...	...	...
2283	143 57 14.2	.480	.148	...	...	+ 0.6	4164	...	5495	...	13815
2284	126 27 1.5	.486	.177	...	...	...	...	...	...	...	...
2285	123 30 37.0	.490	.182	...	...	...	...	...	...	...	...
2286	127 19 36.0	.492	.175	...	...	...	...	...	...	...	201
2287	150 36 16.1	.490	.133	...	...	+ 1.1	...	...	5500	...	13833
2288	130 0 48.8	.507	.172	...	...	...	...	...	...	...	...
2289	73 40 48.1	.538	.223	+ 0.01	...	...	...	4514	...	...	...
2290	141 11 54.6	.540	.152	...	...	- 1.0	4172	4522	5511	...	13850
2291	127 7 6.0	.555	.174	...	...	+ 0.1	4168	...	5513	...	13853
2292	101 44 13.9	.561	.199	+ 0.072	- 0.8	+ 1.5	...	4519	5515	1412	13855
2293	122 57 13.3	.578	.179	...	...	+ 2.2	...	...	...	...	13867
2294	123 32 2.7	.584	.178	...	...	...	...	...	...	...	...
2295	106 1 10.1	.595	.193	...	...	...	...	...	...	...	...
2296	150 56 14.5	.598	.126	...	...	- 1.3	4189	...	5525	...	13882
2297	140 32 58.3	.609	.153	...	...	...	...	...	...	...	421
2298	126 56 53.2	.630	.172	...	...	...	...	...	...	...	459
2299	129 22 41.0	.650	.169	...	...	+ 1.7	4188	4538	5540	...	13903
2300	127 32 57.6	.657	.171	...	...	...	...	...	...	...	507
2301	153 22 31.4	.665	.117	...	...	+ 3.5	...	...	...	...	13912
2302	147 26 38.4	.683	.136	...	...	+ 1.1	4201	4562	5552	...	13925
2303	130 1 22.4	.690	.167	...	...	...	...	...	...	...	565
2304	139 59 31.6	.724	.151	...	...	...	...	...	...	...	613
2305	140 36 49.0	.730	.150	...	...	+ 0.1	4206	4559	5563	...	13942
2306	24 16 6.8	.745	.205	+ 0.008	- 2.4	...	...	4551	...	1415	...
2307	139 54 56.1	.766	.150	...	...	...	...	...	...	...	...
2308	71 38 19.7	.767	.214	0.00	...	...	...	4563	...	...	...
2309	131 30 13.0	.768	.163	- 0.060	...	+ 2.2	4212	4570	5578	...	13998
2310	46 27 44.7	+ 17.770	+ 0.240	+ 0.040	+ 0.4	...	...	4561	...	1421	...



No.	R.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
2311	3508	36 Leonis ... ..	$\zeta$	3.6	78.30	5	10 9 43.98	+ 3.3482	- 0.0175	+ 0.0003	- 0.09	...
2312	3513	Carinæ ... ..	$M$	5.4	78.30	5	10 9 58.23	+ 1.7012	+ 0.0035	...	...	- 0.48
2313	...	Brisbane 2916 ... ..	...	7.8	67.72	4	10 10 15.42	+ 2.1717	+ 0.0129	...	...	+ 0.19
2314	...	Brisbane 2914 ... ..	...	8.0	64.23	5	10 10 16.05	+ 2.5794	+ 0.0112	...	...	...
2315	...	C.P.D. - 49°, 3267 ... ..	...	9.0	66.66	9	10 10 41.91	+ 2.3432	+ 0.0134	...	...	...
2316	3516	Carinæ ... ..	$\omega$	3.6	77.18	5	10 10 45.92	+ 1.4378	- 0.0072	- 0.0040	...	+ 0.01
2317	...	C.Z. X. 808 ... ..	...	9.0	82.14	5	10 10 53.39	+ 1.9213	+ 0.0096	...	...	...
2318	3495	Groombridge 1620 ... ..	...	5.6	74.92	102-88	10 11 9.74	+ 9.9029	- 1.6221	- 0.0957	...	...
2319	...	C.Z. X. 859 ... ..	...	7.2	82.14	5	10 11 29.67	+ 1.9299	+ 0.0099	...	...	...
2320	3526	Carinæ ... ..	$g$	3.4	78.24	5	10 12 54.68	+ 1.9987	+ 0.0115	...	...	- 0.27
2321	3523	41 Leonis ... ..	$\gamma^1$	2.5	71.32	168	10 13 4.64	+ 3.2967	- 0.0148	+ 0.0208	- 0.06	...
2322		41 Leonis ... ..	$\gamma^2$	3.7	73.27	10	10 13 4.96	+ 3.2966	- 0.0148	+ 0.0208	+ 0.01	...
2323		...	C.P.D. - 38°, 4039 ... ..	...	9.4	68.21	5	10 13 19.84	+ 2.5622	+ 0.0115	...	...
2324		...	W.B.E. X. 228 ... ..	...	8.8	83.15	5	10 14 39.60	+ 2.9247	+ 0.0028	...	...
2325		...	Lalande 20089 ... ..	...	8.5	83.15	5	10 14 47.18	+ 2.9150	+ 0.0031	...	...
2326	3533	34 Ursæ Majoris ... ..	$\mu$	3.1	79.22	10	10 14 52.37	+ 3.6076	- 0.0361	- 0.0084	- 0.15	...
2327	3536	Velorum ... ..	$V$	4.5	78.26	5	10 14 55.02	+ 2.2456	+ 0.0141	...	...	- 0.24
2328	...	Brisbane 2958 ... ..	...	8.5	66.82	5	10 15 0.58	+ 2.0280	+ 0.0122	...	...	- 0.10
2329	3531	30 Ursæ Majoris (Hæc.) ... ..	...	5.0	78.33	5	10 15 5.32	+ 4.4116	- 0.1175	- 0.0042	- 0.43	...
2330	...	Anonymous ... ..	...	9.7	83.28	5	10 15 36.96	+ 3.1285	- 0.0057	...	...	...
2331	3546	Velorum ... ..	$T$	9.0	78.28	5	10 16 15.74	+ 2.2242	+ 0.0146	0.000	...	- 0.19
2332	...	C.P.D. - 51°, 3234 ... ..	...	8.2	78.28	5	10 16 19.15	+ 2.3483	+ 0.0147	...	...	- 0.19
2333	3544	43 Leonis ... ..	...	6.5	64.14	6	10 16 27.97	+ 3.1456	- 0.0068	- 0.0028	+ 0.05	...
2334	...	C.P.D. - 35°, 4090 ... ..	...	8.2	68.01	5	10 16 27.99	+ 2.6545	+ 0.0110	...	...	...
2335	...	C.P.D. - 39°, 4377 ... ..	...	8.5	64.90	6	10 16 40.88	+ 2.5951	+ 0.0121	...	...	...
2336	...	Lalande 20139 ... ..	...	8.7	66.25	5	10 16 43.65	+ 3.2233	- 0.0110	...	...	...
2337	3552	Velorum ... ..	$r$	4.9	78.28	5	10 16 58.01	+ 2.5668	+ 0.0128	- 0.007	...	- 0.25
2338	3558	Antlæ ... ..	$\gamma$	7.2	78.99	4	10 18 10.71	+ 2.7535	+ 0.0088	- 0.004	...	- 0.17
2339	...	Brisbane 2988 ... ..	...	8.0	65.41	5	10 18 24.27	+ 2.0167	+ 0.0129	...	...	0.00
2340	3561	44 Leonis ... ..	...	6.2	67.69	6	10 18 36.84	+ 3.1671	- 0.0079	...	- 0.05	...
2341	3560	30 Leonis Minoris ... ..	...	5.1	79.07	5	10 18 44.56	+ 3.4641	- 0.0266	- 0.0064	...	...
2342	...	C.P.D. - 37°, 4138 ... ..	...	8.0	82.13	5	10 18 56.06	+ 2.6272	+ 0.0119	...	...	...
2343	...	Lalande 20205 ... ..	...	8.5	83.27	5	10 19 4.36	+ 3.1241	- 0.0056	...	...	...
2344	...	Brisbane 2996 ... ..	...	8.2	82.15	5	10 19 7.05	+ 2.0409	+ 0.0134	...	...	- 0.13
2345	...	C.Z. X. 1410 ... ..	...	9.0	66.81	5	10 19 10.02	+ 2.2218	+ 0.0152	...	...	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Gen. 1880	C.G.A.	
2346	3564	Carinae ... ..	L	5.4	79.08	5	10 19 18.80	+ 1.7780	+ 0.0072	...	...	- 0.21
2347	...	Anonymous ... ..	...	9.7	69.62	5	10 19 48.19	+ 2.2266	+ 0.0155	...	...	...
2348	3568	42 Hydrae ... ..	μ	4.1	83.06	52	10 20 2.09	+ 2.9081	+ 0.0040	- 0.0059	- 0.01	- 0.07
2349	...	C.Z. X. 1510 ... ..	...	9.0	72.25	5	10 20 37.13	+ 2.2314	+ 0.0156	...	...	...
2350	3572	31 Leonis Minoris ...	β	4.4	78.67	5	10 20 38.98	+ 3.5007	- 0.0297	- 0.0113	0.00	...
2351	...	W.B.E. X. 336 ... ..	...	8.5	84.30	5	10 20 40.25	+ 3.0485	- 0.0020	...	...	...
2352	...	Erisbane 3008 ... ..	...	6.9	82.15	5	10 20 57.09	+ 2.6232	+ 0.0125	...	...	- 0.09
2353	3575	45 Leonis ... ..	...	5.9	64.51	5	10 21 2.79	+ 3.1748	- 0.0084	- 0.0011	+ 0.04	...
2354	...	B.D. - 2°. 3147 ... ..	...	8.3	84.31	5	10 21 14.80	+ 3.0441	- 0.0016	...	...	...
2355	3578	Antliae ... ..	α	4.5	78.29	5	10 21 25.95	+ 2.7447	+ 0.0097	- 0.0077	- 0.11	+ 0.05
2356	...	C.P.D. - 35°. 4152 ...	...	9.0	67.80	5	10 21 47.29	+ 2.6744	+ 0.0116	...	...	...
2357	3579	B.F. 1488 ... ..	...	7.7	70.18	5	10 22 7.53	+ 3.2203	- 0.0111	...	...	...
2358	...	C.Z. X. 1611 ... ..	...	7.8	65.42	6	10 22 16.87	+ 2.2218	+ 0.0160	...	...	+ 0.02
2359	...	C.Z. X. 1619 ... ..	...	9.0	65.66	5	10 22 20.40	+ 2.2220	+ 0.0160	...	...	...
2360	3580	36 Ursae Majoris ...	...	4.9	78.32	3	10 22 36.68	+ 3.9087	- 0.0671	- 0.0229	- 0.17	...
2361	...	C.P.D. - 35°. 4159 ...	...	7.5	67.62	5	10 22 39.05	+ 2.6780	+ 0.0116	...	...	...
2362	3589	C.Z. X. 1645 ... ..	...	4.9	78.91	5	10 22 44.85	+ 2.2245	+ 0.0163	...	...	- 0.59
2363	...	Carinae ... ..	ε	4.0	79.08	5	10 23 17.50	+ 2.1925	+ 0.0161	- 0.0015	...	- 0.15
2364	3586	Erisbane 3034 ... ..	...	6.6	78.92	5	10 23 28.67	+ 1.8965	+ 0.0113	...	...	- 0.14
2365	3596	Erisbane 3030 ... ..	...	5.9	79.15	5	10 23 42.54	+ 2.7696	+ 0.0093	...	- 0.10	- 0.17
2366	3598	Antliae ... ..	δ	5.6	79.08	5	10 23 50.18	+ 2.7582	+ 0.0097	...	+ 0.14	- 0.01
2367	3597	30 Sextantis ... ..	...	4.9	69.86	6	10 23 54.10	+ 3.0723	- 0.0030	- 0.0032	...	...
2368	...	B.D. + 14°. 2254 ... ..	...	9.5	67.03	5	10 23 57.36	+ 3.2065	- 0.0102	...	...	...
2369	...	C.Z. X. 1782 ... ..	...	8.5	66.50	4	10 24 30.23	+ 2.2309	+ 0.0166	...	...	...
2370	...	C.Z. X. 1810 ... ..	...	8.5	67.54	4	10 24 50.16	+ 2.2406	+ 0.0168	...	...	...
2371	...	C.P.D. - 35°. 4179 ...	...	9.0	69.04	5	10 25 14.80	+ 2.6875	+ 0.0120	...	...	...
2372	...	Lalande 20402 ... ..	...	8.5	68.65	5	10 25 33.49	+ 3.1672	- 0.0084	...	...	...
2373	...	C.Z. X. 1866 ... ..	...	8.0	71.83	5	10 25 44.52	+ 2.2522	+ 0.0170	...	...	...
2374	3607	Groombridge 1658 ...	...	5.1	78.71	5	10 25 55.77	+ 3.5371	- 0.0342	...	- 0.12	...
2375	...	Erisbane 3051 ... ..	...	8.2	73.61	9	10 26 4.83	+ 2.2533	+ 0.0171	...	...	+ 0.11
2376	...	Erisbane 3055 ... ..	...	8.2	82.14	5	10 26 7.16	+ 2.1235	+ 0.0163	...	...	- 0.06
2377	...	Erisbane 3057 ... ..	...	6.9	82.14	5	10 26 12.46	+ 2.1237	+ 0.0163	...	...	- 0.19
2378	3609	47 Leonis ... ..	ρ	4.0	70.43	185	10 26 13.67	+ 3.1655	- 0.0080	- 0.0015	+ 0.01	...
2379	3610	34 Leonis Minoris ...	...	5.5	78.72	5	10 26 21.76	+ 3.4529	- 0.0276	- 0.0057	- 0.07	...
2380	...	C.Z. X. 1952 ... ..	...	9.0	67.47	5	10 26 52.63	+ 2.0578	+ 0.0154	...	...	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.	
					Grn. 1880	C.G.A.						
2346	156 16 9.5	+ 18'148	+ 0'102	...	...	- 0.4	4296	...	5684	...	14216	
2347	146 12 2.4	167	130	...	...	...	...	...	...	...	...	
2348	105 11 55.5	178	171	+ 0'073	- 1.0	- 0.6	...	4662	5697	1451	14236	
2349	146 15 8.9	198	129	...	...	...	...	...	...	...	1510	
2350	52 39 10.2	199	206	+ 0'090	- 0.9	...	...	4665	...	1448	...	
2351	92 24 57.9	200	179	...	...	...	...	...	...	...	...	
2352	128 43 35.0	210	152	...	...	+ 0.6	4295	4674	5707	...	14255	
2353	79 36 3.6	213	185	- 0'015	- 0.9	...	...	4671	...	1453	...	
2354	92 52 55.5	221	177	...	...	...	...	...	...	...	...	
2355	129 25 55.1	228	159	- 0'017	- 1.6	+ 0.1	4298	4678	5714	...	14266	
2356	125 36 33.2	240	154	...	...	...	...	...	...	...	1581	
2357	75 1 7.4	253	187	...	...	...	...	4682	...	...	...	
2358	146 58 14.7	258	126	...	...	+ 1.9	...	4689	...	...	14285	
2359	147 2 21.6	261	126	...	...	...	...	...	...	...	1619	
2360	33 22 45.3	271	227	+ 0'031	- 0.1	...	...	4688	...	1454	...	
2361	125 34 55.2	272	153	...	...	...	...	...	...	...	1636	
2362	147 0 7.5	276	126	...	...	+ 3.4	4310	4694	5724	...	14295	
2363	148 6 6.4	286	123	- 0'001	...	+ 0.9	4314	4698	5729	...	14304	
2364	155 4 5.5	302	105	...	...	+ 1.8	4321	...	5734	...	14310	
2365	119 1 30.2	310	157	...	...	+ 1.1	+ 0.2	4306	4700	5736	...	14314
2366	119 58 4.4	315	156	...	- 0.6	- 0.6	4309	4703	5738	...	14319	
2367	89 5.0 47.6	317	175	+ 0'011	...	...	...	4699	5739	1459	...	
2368	76 8 38.8	318	183	...	...	...	...	...	...	...	...	
2369	146 58 27.0	338	125	...	...	...	...	...	...	...	1782	
2370	147 2 16.7	350	124	...	...	...	...	...	...	...	1810	
2371	125 37 14.9	365	150	...	...	...	...	...	...	...	1837	
2372	79 56 7.6	375	178	...	...	...	...	...	...	...	...	
2373	146 54 4.0	382	124	...	...	...	...	...	...	...	1866	
2374	48 55 54.7	388	197	...	...	- 0.3	...	...	...	...	...	
2375	146 57 30.1	394	123	...	...	+ 0.7	...	...	...	...	14358	
2376	150 41 45.5	396	115	...	...	+ 3.7	...	...	...	...	14360	
2377	150 42 58.2	398	115	...	...	+ 1.2	4337	4728	5761	...	14362	
2378	80 3 2.5	399	176	- 0'018	- 0.9	...	...	4722	5768	1467	...	
2379	54 23 3.9	403	192	- 0'016	- 2.2	...	...	4720	...	1465	...	
2380	152 29 0.0	+ 18'421	+ 0'111	...	...	...	...	...	...	...	1952	

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
2381	...	C.P.D. — 38°. 4199	...	9.0	82.18	5	10 26 58.12	+ 2.6499	+ 0.0134	...	...
2382	3612	37 Ursæ Majoris	...	5.2	78.51	5	10 27 5.58	+ 3.9070	- 0.0703	+ 0.0076	...
2383	3617	Carinae ... ..	$\lambda$	4.9	79.08	5	10 27 10.49	+ 3.5112	- 0.0034	...	- 0.28
2384	3619	Carinae ... ..	$\rho$	3.6	73.77	9	10 27 35.04	+ 2.1212	+ 0.0165	- 0.0040	- 0.17
2385	...	C.P.D. — 41°. 4681	...	9.5	70.98	4	10 28 27.90	+ 2.6081	+ 0.0145	...	...
2386	...	C.Z. X. 2066	...	9.0	68.48	5	10 28 28.54	+ 2.1380	+ 0.0160	...	...
2387	...	C.Z. X. 2140	...	9.0	67.66	5	10 29 37.38	+ 2.2513	+ 0.0181	...	...
2388	...	Lalande 20521	...	6.8	83.15	5	10 30 4.17	+ 2.9826	+ 0.0019	...	- 0.13
2389	...	Yarnall 4420	...	6.2	83.15	5	10 30 18.93	+ 2.9679	+ 0.0027	...	- 0.12
2390	3635	Carinae ... ..	$\tau$	4.6	66.04	5	10 30 47.51	+ 2.2937	+ 0.0185	...	+ 0.23
2391	3636	Brisbane 3107	...	7.5	78.27	5	10 31 3.38	+ 2.2758	+ 0.0187	...	- 0.24
2392	...	C.Z. X. 2281	...	9.0	66.24	4	10 31 27.08	+ 2.1553	+ 0.0179	...	...
2393	3642	Carinae ... ..	$\epsilon^1$	5.3	78.31	5	10 31 39.52	+ 2.2384	+ 0.0187	...	- 0.62
2394	3640	37 Leonis Minoris	...	4.8	78.50	5	10 31 40.78	+ 3.3930	- 0.0242	- 0.0066	- 0.09
2395	...	C.Z. X. 2310	...	7.2	82.17	6	10 31 49.98	+ 2.2521	+ 0.0189	...	- 0.03
2396	...	C.Z. X. 2321	...	8.0	82.17	5	10 31 56.94	+ 2.2538	+ 0.0189	...	+ 0.04
2397	3644	Velorum ... ..	$\rho$	4.0	78.25	5	10 32 3.10	+ 2.5215	+ 0.0171	- 0.0174	+ 0.07
2398	3643	50 Leonis ... ..	...	6.5	72.58	5	10 32 12.17	+ 3.2220	- 0.0119	+ 0.0019	+ 0.06
2399	3646	Hydrae ... ..	$\phi^3$	5.2	78.88	5	10 32 20.41	+ 2.9272	+ 0.0048	- 0.0039	- 0.18
2400	...	C.Z. X. 2408	...	9.0	82.13	5	10 33 20.06	+ 2.2343	+ 0.0133	...	- 0.14
2401	3647	38 Ursæ Majoris	...	5.0	79.10	5	10 33 23.05	+ 4.1997	- 0.0130	- 0.0285	- 0.02
2402	3655	Carinae ... ..	$\epsilon^2$	4.7	78.32	4	10 33 59.74	+ 2.2715	+ 0.0145	0.000	- 0.11
2403	3652	35 Ursæ Majoris (Hcv.)	...	5.2	79.29	5	10 34 5.05	+ 4.3977	- 0.1443	- 0.0023	- 0.19
2404	3658	Velorum ... ..	$\alpha$	5.1	79.29	5	10 34 19.98	+ 2.3763	+ 0.0145	- 0.0067	- 0.22
2405	...	C.P.D. — 49°. 3643	...	9.0	65.69	5	10 35 19.83	+ 2.5103	+ 0.0182	...	...
2406	...	Brisbane 3149	...	8.5	69.08	5	10 35 27.82	+ 2.2650	+ 0.0199	...	- 0.06
2407	...	Ursæ Majoris	...	$\lambda$	Var.	10	10 35 46.34	+ 4.3649	- 0.1402	...	+ 0.34
2408	...	C.Z. X. 2604	...	9.0	77.27	5	10 35 46.00	+ 2.2688	+ 0.0200	...	- 0.23
2409	...	C.P.D. — 47°. 4425	...	8.5	66.70	4	10 35 50.21	+ 2.5506	+ 0.0177	...	...
2410	...	C.Z. X. 2622	...	8.5	68.45	6	10 36 6.60	+ 2.3368	+ 0.0202	...	...
2411	3673	C.Z. X. 2659	...	7.2	66.16	7	10 36 31.32	+ 2.2789	+ 0.0203	...	+ 0.04
2412	3671	41 Leonis Minoris	...	5.1	84.33	5	10 36 36.85	+ 3.2825	- 0.0166	- 0.0083	- 0.18
2413	...	C.Z. X. 2694	...	8.5	70.97	4	10 36 56.30	+ 2.2226	+ 0.0202	...	...
2414	...	Brisbane 3173	...	7.5	82.15	5	10 37 44.33	+ 2.3700	+ 0.0207	...	+ 0.12
2415	3681	Brisbane 3176	...	5.2	78.31	5	10 37 47.99	+ 2.1179	+ 0.0196	...	- 0.26

2380.—Red

2402.—P. M. Stone

2404.—Orange

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras--		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	G.G.A.					
2381	128 30 29.1	+ 18.425	+ 0.144	...	...	...	...	...	...	...	1963
2382	32 16 25.8	.429	.217	- 0.037	...	...	...	4724	...	1464	...
2383	161 21 3.0	.432	.079	...	...	+ 2.8	4357	...	5774	...	14383
2384	151 2 35.5	.445	.114	- 0.002	...	+ 1.5	4348	4740	5778	...	14392
2385	131 44 59.4	.476	.140	...	...	...	...	...	...	...	...
2386	150 53 18.7	.476	.114	...	...	...	...	...	...	...	2066
2387	147 58 0.3	.515	.119	...	...	...	...	...	...	...	2140
2388	90 56 5.6	.530	.158	...	...	- 1.4	...	...	...	...	14450
2389	101 33 40.4	.539	.157	...	...	+ 3.7	...	...	...	...	14463
2390	146 54 40.4	.554	.119	...	...	+ 0.9	4373	4769	5816	...	14478
2391	147 34 38.7	.563	.118	...	...	+ 1.0	4375	4773	5822	...	14489
2392	151 13 1.9	.576	.111	...	...	...	...	...	...	...	2281
2393	148 54 55.3	.583	.115	...	...	- 0.2	4380	4778	5832	...	14504
2394	57 22 28.9	.584	.178	- 0.033	- 1.8	...	...	4770	...	1475	...
2395	148 32 33.9	.589	.115	...	...	+ 0.7	4383	4781	5833	...	14508
2396	148 31 12.4	.592	.115	...	...	+ 0.4	...	4783	5835	...	14513
2397	137 34 36.6	.595	.130	+ 0.022	...	+ 0.6	4378	4782	5839	...	14517
2398	73 13 22.3	.601	.168	+ 0.008	+ 1.0	...	...	4777	...	1478	...
2399	166 13 41.5	.610	.151	- 0.051	- 1.6	+ 1.5	...	4784	5842	1479	14522
2400	149 29 55.2	.638	.112	...	...	+ 3.6	...	...	5854	...	14541
2401	23 37 47.4	.639	.218	+ 0.077	+ 1.0	...	...	4785	...	1476	...
2402	148 31 58.3	.659	.113	+ 0.02	...	- 0.1	4396	4796	5861	...	14558
2403	20 16 14.4	.662	.227	+ 0.019	- 0.8	...	...	4789	...	...	...
2404	144 57 9.7	.670	.119	+ 0.001	...	- 0.3	4398	4800	5867	...	14590
2405	139 20 3.9	.701	.125	...	...	...	...	...	...	...	2573
2406	149 9 5.1	.706	.111	...	...	+ 2.5	...	...	...	...	14594
2407	20 34 8.0	.715	.223	...	- 1.3	...	...	...	...	...	...
2408	149 7 36.6	.716	.111	...	...	+ 1.6	...	...	...	...	14603
2409	137 22 58.3	.717	.123	...	...	...	...	...	...	...	2609
2410	146 56 53.3	.726	.114	...	...	...	...	...	...	...	2622
2411	149 1 27.8	.739	.111	...	...	+ 1.9	4122	4824	5899	...	14628
2412	66 9 29.0	.742	.162	- 0.024	0.0	...	...	4817	...	1485	...
2413	150 50 39.2	.752	.107	...	...	...	...	...	...	...	2694
2414	145 13 21.8	.776	.113	...	...	- 1.3	4433	4831	5913	...	14650
2415	153 48 46.1	+ 18.778	+ 0.100	...	...	+ 0.1	4440	4833	5914	...	14653

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
2416	...	C.Z. X. 2759 ...	8.2	67.66	5	h m s 10 37 54.20	s + 2.2074	s + 0.0205	...	...	...
2417	3686	Carinae ...	$\theta$ 3.0	79.24	10	10 38 30.04	+ 2.1287	+ 0.0199	- 0.0052	...	- 0.19
2418	...	Lalande 20717 ...	8.7	84.30	4	10 38 37.63	+ 3.2814	- 0.0168	...	...	...
2419	3684	36 Sextantis ...	6.0	69.43	5	10 38 42.95	+ 3.0978	- 0.0040	- 0.0053	- 0.06	...
2420	3688	Carinae ...	$\iota$ 4.4	78.26	5	10 38 46.94	+ 2.2709	+ 0.0211	...	...	- 0.25
2421	3685	42 Leonis Minoris ...	5.4	78.29	5	10 38 54.53	+ 3.3543	- 0.0227	- 0.0026	- 0.12	...
2422	...	Brisbane 3188 ( <i>1st</i> ) ...	9.0	72.23	5	10 39 4.55	+ 2.3060	+ 0.0212	...	...	- 0.12
2423	3689	C.G.A. 14684 ...	6.9	65.87	5	10 39 4.73	+ 2.2886	+ 0.0211	...	...	- 0.07
2424	...	C.Z. X. 2849 ...	7.0	74.48	10	10 39 7.49	+ 2.3065	+ 0.0211	...	...	- 0.19
2425	...	C.Z. X. 2858 ...	8.5	65.66	5	10 39 13.61	+ 2.4157	+ 0.0207	...	...	...
2426	...	C.Z. X. 2864 ...	8.5	72.57	10	10 39 17.27	+ 2.3072	+ 0.0213	...	...	- 0.03
2427	...	C.Z. X. 2870 ...	8.2	71.86	5	10 39 19.01	+ 2.3073	+ 0.0212	...	...	- 0.03
2428	...	C.G.A. 14696 ...	9.2	70.25	4	10 39 28.37	+ 2.3176	+ 0.0213	...	...	+ 0.01
2429	...	Brisbane 3194 ( <i>1st</i> ) ...	8.8	67.26	1	10 39 42.81	+ 2.3060	+ 0.0214	...	...	+ 0.29
2430	...	Brisbane 3194 ( <i>2nd</i> ) ...	8.2	70.51	4	10 39 44.00	+ 2.3063	+ 0.0214	...	...	+ 0.10
2431	...	C.P.D. - 49°. 3694 ...	9.2	71.06	5	10 39 52.35	+ 2.5436	+ 0.0191	...	...	...
2432	...	C.Z. X. 2909 ...	7.8	70.43	5	10 39 54.36	+ 2.3132	+ 0.0214	...	...	- 0.09
2433	3695	Argus ...	$\eta$ Var.	70.50	19	10 40 12.93	+ 2.3123	+ 0.0217	- 0.0015	...	- 0.13
2434	...	C.P.D. - 37°. 4396 ...	9.0	82.15	5	10 40 38.24	+ 2.7280	+ 0.0144	...	...	...
2435	...	B.D. + 24°. 2272 ...	8.5	84.31	5	10 41 7.41	+ 3.2730	- 0.0164	...	...	...
2436	...	Brisbane 3207 ...	8.2	82.15	5	10 41 20.12	+ 2.3333	+ 0.0221	...	...	- 0.05
2437	3702	Velorum ...	$\mu$ 2.8	79.23	10	10 41 23.76	+ 2.5593	+ 0.0194	+ 0.0052	...	- 0.16
2438	...	C.P.D. - 47°. 4483 ...	9.0	71.07	5	10 41 25.52	+ 2.5891	+ 0.0186	...	...	...
2439	...	C.Z. X. 3029 ...	7.8	69.28	5	10 41 29.65	+ 2.2526	+ 0.0220	...	...	- 0.02
2440	...	Anonymous ...	9.4	69.45	5	10 41 51.61	+ 2.3983	+ 0.0218	...	...	...
2441	...	C.Z. X. 3059 ...	5.5	78.28	5	10 41 55.05	+ 2.4074	+ 0.0218	...	...	- 0.12
2442	...	Brisbane 3218 ...	8.5	67.27	5	10 42 21.08	+ 2.3197	+ 0.0223	...	...	- 0.04
2443	3708	53 Leonis ...	$\lambda$ 5.3	71.65	199	10 42 41.11	+ 3.1599	- 0.0680	- 0.0011	0.00	...
2444	...	Brisbane 3223 ...	9.0	71.78	4	10 42 50.63	+ 2.3397	+ 0.0226	...	...	+ 0.07
2445	...	Anonymous ...	9.7	70.85	5	10 42 57.63	+ 3.1893	- 0.0104	...	...	...
2446	...	C.P.D. - 51°. 3595 ...	8.0	69.41	5	10 43 4.37	+ 2.5259	+ 0.0205	...	...	...
2447	...	Brisbane 3228 ...	9.0	71.26	1	10 43 7.65	+ 2.3400	+ 0.0227	...	...	+ 0.11
2448	...	Brisbane 3227 ...	7.0	66.70	4	10 43 16.03	+ 2.5997	+ 0.0190	...	...	+ 0.08
2449	3715	Hydrae ...	$\nu$ 3.3	77.23	5	10 43 27.51	+ 2.9503	+ 0.0052	+ 0.0051	- 0.02	- 0.02
2450	...	Anonymous ...	10.5	77.23	5	10 43 44.46	+ 3.1349	- 0.0063	...	...	...





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
2451	...	C.P.D. — 47° . 4526 ...	8·8	68·98	4	10 44 21·60	+ 2·6060	+ 0·0198	...	...	...	
2452	...	C.P.D. — 51° . 3623 ...	8·0	65·30	6	10 45 31·94	+ 2·5297	+ 0·0213	...	...	...	
2453	3728	46 Leonis Minoris ...	3·9	78·26	5	10 46 18·90	+ 3·3668	- 0·0257	+ 0·0065	- 0·11	...	
2454	...	C.P.D. — 51° . 3639 ...	8·0	66·69	5	10 46 30·71	+ 2·5382	+ 0·0215	...	...	...	
2455	3730	Brisbane 3253 ...	7·1	82·15	4	10 46 41·28	+ 2·4344	+ 0·0235	...	...	- 0·31	
2456	3729	45 Ursæ Majoris ...	$\omega$	4·0	78·33	5	10 46 46·47	+ 3·4757	- 0·0319	+ 0·0021	...	...
2457	...	C.P.D. — 51° . 3646 ...	7·5	74·12	9	10 46 58·14	+ 2·5525	+ 0·0215	...	...	+ 0·06	
2458	...	Brisbane 3256 ...	7·8	68·07	5	10 47 1·51	+ 2·6456	+ 0·0190	...	...	+ 0·11	
2459	3733	Hydræ ...	$\beta^3$	5·2	78·29	5	10 47 22·60	+ 2·9250	+ 0·0073	+ 0·0038	...	- 0·11
2460	...	C.P.D. — 51° . 3653 ...	9·0	70·91	6	10 47 25·98	+ 2·5431	+ 0·0218	...	...	...	
2461	...	C.Z. X. 3486 ...	9·5	74·32	2	10 48 1·37	+ 2·3884	+ 0·0245	...	...	...	
2462	...	C.Z. X. 3513 ...	7·8	70·88	6	10 48 18·82	+ 2·3553	+ 0·0246	...	...	+ 0·02	
2463	...	Anonymous ...	9·4	71·26	5	10 48 22·96	+ 2·4197	+ 0·0242	...	...	...	
2464	...	C.P.D. — 36° . 4683 ...	9·0	82·13	5	10 48 23·45	+ 2·7670	+ 0·0151	...	...	...	
2465	3740	Coriæ ...	$\alpha$	3·8	78·32	5	10 48 24·95	+ 2·4099	+ 0·0244	+ 0·0068	...	- 0·42
2466	...	C.P.D. — 39° . 4750 ...	8·5	66·43	5	10 48 29·08	+ 2·7334	+ 0·0164	...	...	...	
2467	...	C.P.D. — 51° . 3671 ...	8·6	67·60	6	10 48 44·20	+ 2·5523	+ 0·0222	...	...	...	
2468	3742	54 Leonis ...	4·3	78·31	5	10 48 50·57	+ 3·2663	- 0·0172	- 0·0065	+ 0·04	...	
2469	...	C.Z. X. 3561 ...	9·2	69·85	5	10 48 53·12	+ 2·3951	+ 0·0247	...	...	...	
2470	3749	55 Leonis ...	6·0	69·06	5	10 49 16·58	+ 3·0822	- 0·0026	+ 0·0057	+ 0·06	...	
2471	...	Brisbane 3281 ...	7·5	66·87	5	10 49 23·27	+ 2·4942	+ 0·0236	...	...	+ 0·12	
2472	...	C.Z. X. 3608 ...	8·5	82·17	5	10 49 34·72	+ 2·3609	+ 0·0254	...	...	...	
2473	3754	Coriæ ...	$T$	Var.	81·27	10	10 50 17·88	+ 2·3829	+ 0·0256	...	...	- 0·23
2474	...	C.Z. X. 3680 ...	9·0	67·95	4	10 50 43·93	+ 2·5130	+ 0·0238	...	...	...	
2475	3755	Antliæ ...	$\epsilon$	4·6	78·27	5	10 50 53·75	+ 2·7788	+ 0·0154	+ 0·0050	...	- 0·11
2476	...	C.Z. X. 3701 ...	8·5	67·28	5	10 50 58·86	+ 2·4159	+ 0·0254	...	...	...	
2477	...	Brisbane 3294 ...	7·0	65·86	5	10 51 7·60	+ 2·4538	+ 0·0250	...	...	- 0·17	
2478	...	C.Z. X. 3808 ...	9·0	67·67	5	10 52 23·61	+ 2·5409	+ 0·0239	...	...	...	
2479	...	C.Z. X. 3834 ...	8·0	67·41	5	10 52 47·08	+ 2·5469	+ 0·0239	...	...	...	
2480	...	C.P.D. — 49° . 3872 ...	8·2	67·23	5	10 53 21·69	+ 2·6218	+ 0·0222	...	...	...	
2481	3766	7 Crateris ...	$\alpha$	4·1	68·27	5	10 53 41·08	+ 2·9515	+ 0·0072	- 0·0343	0·00	- 0·09
2482	...	C.Z. X. 3917 ...	8·5	68·08	5	10 53 59·47	+ 2·4326	+ 0·0267	...	...	+ 0·04	
2483	3768	58 Leonis ...	$\delta$	5·0	82·60	74	10 54 6·25	+ 3·1006	- 0·0039	- 0·0018	- 0·02	...
2484	3769	59 Leonis ...	$\epsilon$	5·1	65·04	8	10 54 16·00	+ 3·1173	- 0·0052	- 0·0057	...	...
2485	...	C.P.D. — 45° . 5102 ...	8·8	65·78	6	10 54 16·83	+ 2·6863	+ 0·0264	...	...	...	



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
2486	3767	48 Ursæ Majoris ...	$\beta$	2.6	79.26	10	10 54 17.01	+ 3.6556	- 0.0629	+ 0.0091	- 0.07	...
2487	...	Crateris ...	$R$	Var.	68.97	10	10 54 24.62	+ 2.9522	+ 0.0068	...	...	+ 0.01
2488	...	B.D. - 17°. 3282 ...	...	8.7	69.87	5	10 54 34.68	+ 2.9522	+ 0.0069	...	...	...
2489	...	C.Z. X. 3983 ...	...	8.5	82.14	5	10 54 57.72	+ 2.4682	+ 0.0268	...	...	...
2490	...	Brisbane 3335 ...	...	8.2	82.15	5	10 55 12.84	+ 2.4681	+ 0.0269	...	...	- 0.03
2491	3775	61 Leonis ...	$p^1$	5.0	65.73	4	10 55 27.21	+ 3.0005	- 0.0007	+ 0.0002	...	+ 0.07
2492	3776	60 Leonis ...	$b$	4.5	78.25	5	10 55 30.35	+ 3.2133	- 0.0136	- 0.0029	+ 0.11	...
2493	...	B.D. + 1°. 2512 ...	...	9.1	68.83	5	10 55 58.49	+ 3.0820	- 0.0024	...	...	...
2494	3777	50 Ursæ Majoris ( <i>Dubhe</i> )	$\alpha$	2.0	73.05	20	10 55 59.88	+ 3.7779	- 0.0821	- 0.0186	+ 0.07	...
2495	...	Anonymous ...	...	8.5	68.48	5	10 56 4.89	+ 2.4514	+ 0.0274	...	...	...
2496	...	C.Z. X. 4157 ...	...	9.0	65.87	5	10 57 27.45	+ 2.5460	+ 0.0262	...	...	...
2497	...	C.Z. X. 4158 ...	...	9.5	66.66	5	10 57 29.98	+ 2.5453	+ 0.0263	...	...	...
2498	...	C.P.D. - 39°. 4865 ...	...	8.2	64.89	5	10 58 19.36	+ 2.7778	+ 0.0179	...	...	- 0.03
2499	...	R.P.L. 79 ...	...	7.7	78.40	33	10 58 19.61	+ 15.1779	- 8.7165	...	...	...
2500	3788	63 Leonis ...	$\chi$	4.7	71.40	185	10 58 34.05	+ 3.1220	- 0.0056	- 0.0243	- 0.07	...
2501	...	C.P.D. - 51°. 3820 ...	...	9.0	65.30	5	10 58 40.99	+ 2.6350	+ 0.0242	...	...	...
2502	3791	C.P.D. - 47°. 4691 ...	...	5.9	82.19	5	10 58 53.91	+ 2.6943	+ 0.0221	...	...	- 0.25
2503	...	C.P.D. - 40°. 4937 ...	...	9.5	82.16	5	10 59 1.77	+ 2.7670	+ 0.0187	...	...	...
2504	...	R.P.L. 80 ...	...	7.2	82.52	20	10 59 4.04	+ 8.5301	- 2.0418	...	...	...
2505	3793	Hydræ ...	$\chi^1$	5.2	78.26	5	10 59 18.55	+ 2.8968	+ 0.0115	- 0.0174	- 0.16	- 0.10
2506	...	C.Z. X. 4352 ...	...	8.2	65.90	5	10 59 40.48	+ 2.4939	+ 0.0287	...	...	+ 0.07
2507	3794	Hydræ ...	$\chi^2$	5.6	78.27	5	10 59 54.00	+ 2.8985	+ 0.0115	+ 0.0066	- 0.08	+ 0.01
2508	...	C.Z. XI. 2 ...	...	8.2	82.16	5	11 0 0.27	+ 2.5286	+ 0.0281	...	...	- 0.13
2509	3798	65 Leonis ...	$p^3$	5.7	69.21	5	11 0 31.05	+ 3.0680	- 0.0028	- 0.0287	0.00	...
2510	...	C.Z. XI. 76 ...	...	8.5	68.85	5	11 1 4.38	+ 2.5429	+ 0.0282	...	...	...
2511	3802	Brisbane 3899 ...	...	6.9	78.58	4	11 1 11.11	+ 2.5291	+ 0.0287	...	...	- 0.01
2512	...	Brisbane 3401 ...	...	8.2	69.03	5	11 1 20.74	+ 2.3420	+ 0.0315	...	...	+ 0.11
2513	...	C.P.D. - 45°. 5215 ...	...	8.8	70.07	5	11 1 31.18	+ 2.7275	+ 0.0216	...	...	...
2514	3809	67 Leonis ...	...	5.6	68.04	4	11 2 6.50	+ 3.2306	- 0.0164	- 0.0014	+ 0.01	...
2515	...	C.Z. XI. 172 ...	...	8.5	69.90	5	11 2 16.62	+ 2.5114	+ 0.0297	...	...	...
2516	...	C.Z. XI. 185 ...	...	7.8	69.07	5	11 2 25.85	+ 2.5194	+ 0.0296	...	...	+ 0.02
2517	3812	52 Ursæ Majoris ...	$\psi$	3.1	79.79	10	11 2 37.72	+ 3.4055	- 0.0268	- 0.0071	...	...
2518	3815	B.F. 1582 ...	...	5.4	78.34	5	11 2 41.07	+ 2.9007	+ 0.0122	- 0.0065	- 0.07	- 0.16
2519	3818	Carinae ...	$\alpha$	4.0	78.27	5	11 3 15.33	+ 2.5417	+ 0.0207	- 0.0004	...	- 0.26
2520	...	C.Z. XI. 285 ...	...	8.0	82.15	5	11 3 49.96	+ 2.5521	+ 0.0298	...	...	+ 0.08

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras--		Lacaille	Taylor	Cape 1880	Answers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2486	32 56 53.8	+ 19.236	+ 0.142	- 0.023	+ 0.6	...	...	4975	...	1523	...
2487	107 39 16.6	.239	.114	...	...	+ 1.0	...	...	...	...	15047
2488	107 41 48.1	.243	.114	...	...	...	...	...	...	...	...
2489	148 12 50.8	.252	.093	...	...	...	...	...	...	...	3983
2490	148 18 44.2	.258	.093	...	...	+ 0.3	...	4997	6092	...	15008
2491	91 48 43.5	.263	.117	+ 0.010	...	+ 1.1	...	4993	6095	1530	15075
2492	69 9 0.4	.269	.122	- 0.047	0.0	...	...	4996	...	1529	...
2493	88 28 52.3	.277	.177	...	...	...	...	...	...	...	...
2494	27 34 29.0	.277	.144	+ 0.074	0.0	...	...	4994	...	1528	...
2495	149 20 18.6	.279	.091	...	...	...	...	...	...	...	...
2496	145 35 59.5	.312	.093	...	...	...	...	...	...	...	4757
2497	145 39 13.9	.313	.092	...	...	...	...	...	...	...	4753
2498	129 38 5.2	.332	.100	...	...	- 0.2	4576	...	6124	...	15143
2499	1 40 54.9	.333	.581	...	- 1.3	...	...	...	...	...	...
2500	81 59 18.3	.338	.113	+ 0.030	- 1.5	...	...	5025	6126	1535	...
2501	141 2 46.0	.341	.094	...	...	...	...	...	...	...	...
2502	137 0 23.8	.346	.096	...	...	+ 0.4	4584	5033	6131	...	15153
2503	130 58 8.0	.349	.098	...	...	...	...	...	...	...	4231
2504	3 40 57.7	.350	.319	...	...	...	...	...	...	...	...
2505	116 37 8.8	.355	.103	- 0.004	- 0.4	- 0.5	4583	5037	6139	1536	15166
2506	149 2 23.3	.367	.087	...	...	+ 2.4	4595	...	6143	...	15189
2507	116 36 45.6	.369	.102	+ 0.008	- 0.6	- 0.3	4587	5038	6147	1538	15183
2508	147 31 32.8	.371	.087	...	...	+ 2.9	...	...	...	...	15186
2509	87 21 59.7	.383	.109	+ 0.060	- 0.2	...	...	5045	...	1539	...
2510	147 17 17.9	.395	.087	...	...	...	...	...	...	...	76
2511	147 59 59.0	.398	.086	...	...	+ 0.2	4604	5054	6160	...	15215
2512	154 50 6.6	.401	.079	...	...	+ 3.6	4612	...	6164	...	15220
2513	135 37 9.7	.404	.093	...	...	...	...	...	...	...	...
2514	64 39 55.4	.418	.111	- 0.012	+ 0.4	...	...	5058	...	1541	...
2515	149 17 17.3	.421	.084	...	...	...	...	...	...	...	77
2516	148 59 44.4	.424	.084	...	...	+ 3.0	...	...	...	...	15246
2517	44 49 25.3	.429	.115	+ 0.030	...	...	...	5065	...	1542	...
2518	117 24 12.6	.431	.097	- 0.033	- 1.3	- 0.1	4615	5068	6180	1544	15253
2519	148 17 53.7	.443	.083	- 0.01	...	- 0.2	4627	5071	6184	...	15266
2520	148 2 59.7	+ 19.455	+ 0.082	...	...	+ 1.9	...	...	...	...	15277

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
2521	3822	Piazzi XI. 2 ... ..	5.6	78.34	5	h m s 11 3 52.92	s + 2.8721	s + 0.0145	...	s - 0.25	s - 0.25
2522	...	Lalande 21367 ... ..	8.2	68.13	6	11 3 53.33	+ 3.1402	- 0.0075	...	...	...
2523	...	Lalande 21366 ... ..	8.6	68.76	4	11 3 56.14	+ 3.2289	- 0.0168	...	...	...
2524	...	Lalande 21371 ... ..	7.0	69.43	5	11 4 4.99	+ 3.1408	- 0.0076	...	...	...
2525	...	Leonis ... .. $\delta$	Var.	70.16	10	11 4 23.03	+ 3.1067	- 0.0044	...	...	...
2526	...	Brisbane 3431 ... ..	8.0	70.31	5	11 4 47.70	+ 2.5131	+ 0.0313	...	...	+ 0.11
2527	...	W.B.N. XI. 50 ... ..	9.0	82.29	5	11 5 1.80	+ 3.1806	- 0.0117	...	...	...
2528	...	Brisbane 3437 ... ..	7.8	71.01	4	11 5 23.18	+ 2.5321	+ 0.0312	...	...	- 0.12
2529	3826	11 Crateris ... .. $\beta$	4.4	77.22	5	11 5 30.59	+ 2.9440	+ 0.0698	- 0.0017	- 0.13	- 0.21
2530	...	Lalande 21416 ... ..	8.7	68.48	5	11 5 33.85	+ 3.2041	- 0.0144	...	...	...
2531	...	Brisbane 3441 ... ..	8.2	69.06	5	11 5 47.80	+ 2.6430	+ 0.0276	...	...	- 0.16
2532	...	Anonymous ... ..	10.1	68.46	5	11 6 15.33	+ 3.1055	- 0.0043	...	...	...
2533	...	C.Z. XI. 450 ... ..	8.0	68.83	5	11 6 17.31	+ 2.5548	+ 0.0311	...	...	...
2534	...	Brisbane 3455 ... ..	8.5	82.14	5	11 6 53.28	+ 2.5165	+ 0.0325	...	...	+ 0.21
2535	3835	Carinae ... .. $\gamma$	4.7	69.86	5	11 7 14.72	+ 2.5516	+ 0.0319	...	...	+ 0.10
2536	3832	60 Leonis ... .. $\rho^3$	5.5	67.16	3	11 7 21.56	+ 3.0756	- 0.0013	- 0.0028	- 0.06	...
2537	...	B.D. + 25°. 2332 ... ..	7.8	71.81	4	11 7 23.06	+ 3.2110	- 0.0156	...	...	...
2538	3834	68 Leonis ... .. $\delta$	2.8	70.70	147	11 7 27.45	+ 3.1901	- 0.0132	+ 0.0097	- 0.05	...
2539	3837	Piazzi XI. 12 ... ..	5.8	72.86	5	11 7 32.09	+ 3.1189	- 0.0055	...	+ 0.05	...
2540	...	C.Z. XI. 539 ... ..	8.0	66.50	5	11 7 36.03	+ 2.0276	+ 0.0294	...	...	...
2541	3838	70 Leonis ... .. $\theta$	3.5	80.20	10	11 7 40.66	+ 3.1596	- 0.0098	- 0.0054	- 0.10	...
2542	...	C.Z. XI. 573 ... ..	8.8	82.15	5	11 8 3.67	+ 2.6166	+ 0.0303	...	...	...
2543	3842	72 Leonis ... ..	4.9	78.29	5	11 8 33.25	+ 3.2033	- 0.0150	- 0.0038	+ 0.08	...
2544	...	C.Z. XI. 631 ... ..	8.0	82.15	4	11 8 47.29	+ 2.6433	+ 0.0297	...	...	...
2545	...	C.Z. XI. 648 ... ..	8.5	64.46	5	11 9 1.89	+ 2.5436	+ 0.0333	...	...	+ 0.06
2546	3843	73 Leonis ... .. $\eta$	5.5	74.18	4	11 9 19.37	+ 3.1452	- 0.0040	- 0.0020	...	...
2547	...	C.Z. XI. 734 ... ..	9.2	69.11	6	11 9 57.79	+ 2.6433	+ 0.0304	...	...	- 0.11
2548	...	C.Z. XI. 742 ... ..	9.0	63.19	1	11 10 8.04	+ 2.6237	+ 0.0313	...	...	...
2549	...	Brisbane 3495 ... ..	8.5	70.61	3	11 10 13.22	+ 2.0232	+ 0.0315	...	...	- 0.20
2550	3848	74 Leonis ... .. $\phi$	4.5	64.20	11	11 10 18.37	+ 3.0574	+ 0.0066	- 0.0083	- 0.01	- 0.07
2551	...	C.Z. XI. 700 ... ..	8.5	68.24	5	11 10 54.13	+ 2.5965	+ 0.0328	...	...	...
2552	...	C.P.D. - 51°. 4045 ... ..	9.0	68.24	5	11 11 1.96	+ 2.7197	+ 0.0273	...	...	...
2553	3851	53 Ursae Majoris ... .. $\xi$	3.8	78.33	5	11 11 30.53	+ 3.2492	- 0.0216	- 0.0351	(- 0.14)	...
2554	...	C.P.D. - 37°. 4046 ... ..	8.5	65.31	5	11 11 39.54	+ 2.8500	+ 0.0186	...	...	+ 0.29
2555	3852	54 Ursae Majoris ... .. $\nu$	3.8	78.34	5	11 11 43.21	+ 3.2592	- 0.0227	- 0.0028	- 0.16	...

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras--		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2521	121 41 20.7	+ 19.456	+ 0.094	...	- 0.8	+ 0.4	4623	5077	6180	...	15279
2522	78 9 20.6	.456	.104	...	...	...	...	...	...	...	...
2523	64 11 19.6	.458	.107	...	...	...	...	...	...	...	...
2524	78 1 13.5	.461	.105	...	...	...	...	...	...	...	...
2525	83 51 42.7	.467	.101	...	...	...	...	...	...	...	...
2526	150 18 7.4	.475	.080	...	...	+ 3.2	...	...	...	...	15305
2527	71 9 0.8	.480	.102	...	...	...	...	...	...	...	...
2528	149 42 24.6	.488	.080	...	...	+ 2.3	...	5088	6203	...	15313
2529	112 8 36.8	.490	.093	+ 0.090	- 1.0	+ 0.6	...	5087	6205	1545	15317
2530	67 15 57.1	.491	.103	...	...	...	...	...	...	...	...
2531	143 52 42.8	.496	.083	...	...	+ 1.3	...	5092	6208	...	15322
2532	83 53 59.5	.505	.098	...	...	...	...	...	...	...	...
2533	149 2 18.9	.506	.079	...	...	...	...	...	...	...	450
2534	151 4 31.0	.518	.076	...	...	+ 0.5	...	...	...	...	15340
2535	149 38 10.4	.525	.077	...	...	+ 3.0	4652	5108	6223	...	15356
2536	89 23 23.7	.528	.095	- 0.011	+ 0.5	...	...	5104	...	1547	...
2537	65 28 38.2	.529	.100	...	...	...	...	...	...	...	...
2538	68 47 31.3	.530	.098	+ 0.120	+ 0.7	...	...	5105	6228	1540	...
2539	81 15 18.6	.531	.095	...	- 3.2	...	...	5107	...	...	...
2540	145 43 50.1	.532	.079	...	...	...	...	...	...	...	539
2541	73 53 16.1	.534	.096	+ 0.066	+ 0.6	...	...	5109	...	1548	...
2542	146 36 19.9	.542	.078	...	...	...	...	...	...	...	573
2543	66 13 25.5	.552	.096	- 0.003	+ 0.5	...	...	5119	...	1540	...
2544	145 22 1.0	.556	.078	...	...	...	...	...	...	...	631
2545	150 54 25.4	.558	.074	...	...	+ 3.2	...	...	...	...	15392
2546	76 0 38.6	.566	.043	+ 0.015	...	...	...	5123	...	1550	...
2547	145 58 50.6	.578	.076	...	...	+ 2.2	...	...	...	...	15420
2548	147 14 49.5	.581	.075	...	...	...	...	...	...	...	742
2549	147 18 35.5	.584	.074	...	...	+ 3.8	...	5135	...	...	15426
2550	92 58 7.5	.585	.089	+ 0.024	+ 0.7	+ 0.8	...	5131	...	1551	15420
2551	148 59 25.5	.595	.073	...	...	...	...	...	...	...	790
2552	141 12 10.7	.598	.077	...	...	...	...	...	...	...	798
2553	57 46 4.1	.607	.093	+ 0.580	- 0.1	...	...	5146	...	1553	...
2554	127 41 58.2	.610	.080	...	...	+ 1.8	...	...	...	...	15458
2555	56 13 20.1	+ 19.612	+ 0.091	- 0.036	- 0.2	...	...	5147	...	1554	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
2556	...	C.P.D. — 44°. 5458 ...	7.8	82-16	5	11 12 0-32	+ 2-7060	+ 0-0232	...	...	+ 0-02
2557	3856	53 Ursæ Majoris ...	4.8	78-36	5	11 12 18-91	+ 3-2948	- 0-0278	- 0-0058	+ 0-07	...
2558	3859	12 Crateris ...	3.8	74-44	148	11 13 5-50	+ 3-0039	+ 0-0064	- 0-0102	- 0-02	- 0-06
2559	...	C.P.D. — 39°. 5016 ...	8.5	64-90	7	11 13 19-87	+ 2-8487	+ 0-0200	...	...	...
2560	...	C.Z. XI. 98½ ...	8.5	82-13	5	11 13 48-58	+ 2-6711	+ 0-0321	...	...	...
2561	3861	Lalande 21629 ...	8.2	74-20	20	11 14 32-46	+ 3-0979	- 0-0055	...	...	...
2562	3862	77 Leonis ...	4.1	73-63	21	11 14 41-43	+ 3-1032	- 0-0042	- 0-0075	+ 0-02	...
2563	3866	Centauri ...	4.4	77-23	5	11 15 18-49	+ 2-7182	+ 0-0365	- 0-0054	...	- 0-45
2564	...	C.P.D. — 38°. 4674 ...	7.8	66-45	6	11 16 21-44	+ 2-8716	+ 0-0197	...	...	- 0-05
2565	...	Brisbane 3551 ...	7.5	65-13	6	11 16 34-97	+ 2-7001	+ 0-0324	...	...	- 0-09
2566	...	C.Z. XI. 1168 ...	7.2	78-26	5	11 16 38-47	+ 2-6745	+ 0-0341	...	...	+ 0-14
2567	...	C.P.D. — 35°. 4751 ...	8.5	67-88	5	11 16 58-62	+ 2-8929	+ 0-0182	...	...	- 0-06
2568	3875	Brisbane 3554 ...	5.0	79-52	10	11 17 9-52	+ 2-8951	+ 0-0181	...	...	- 0-23
2569	3876	Brisbane 3555 ...	7.0	75-78	4	11 17 10-53	+ 2-6804	+ 0-0342	...	...	- 0-36
2570	3877	78 Leonis ...	4.0	72-14	5	11 17 24-38	+ 3-1212	- 0-0064	+ 0-0096	(- 0-18)	...
2571	3879	79 Leonis ...	5.5	69-86	5	11 17 37-34	+ 3-0812	- 0-0016	- 0-0034	- 0-09	...
2572	3881	14 Crateris ...	5.0	79-82	10	11 18 17-81	+ 3-0288	+ 0-0017	- 0-0041	- 0-01	- 0-08
2573	...	C.Z. XI. 1279 ...	8.2	82-17	5	11 18 18-09	+ 2-7001	+ 0-0340	...	...	...
2574	...	C.P.D. — 35°. 4765 ...	9.0	67-64	5	11 18 30-92	+ 2-8993	+ 0-0184	...	...	...
2575	3883	15 Crateris ...	4.2	77-24	5	11 18 38-07	+ 2-9988	+ 0-0082	- 0-0082	...	- 0-29
2576	3885	Groombridge 1776 ...	5.9	78-32	5	11 18 53-10	+ 3-4331	- 0-0556	...	- 0-18	...
2577	...	C.Z. XI. 1358 ...	8.0	82-14	5	11 19 22-80	+ 2-6804	+ 0-0362	...	...	...
2578	...	Brisbane 3569 ...	8.2	64-96	6	11 19 31-97	+ 2-8610	+ 0-0225	...	...	- 0-09
2579	...	C.P.D. — 52°. 4554 ...	8.5	82-13	5	11 19 52-66	+ 2-7645	+ 0-0309	...	...	...
2580	...	C.P.D. — 39°. 5077 ...	8.2	64-28	4	11 19 55-62	+ 2-8801	+ 0-0209	...	...	...
2581	...	B.D. — 1°. 2525 ...	9.3	68-65	5	11 20 14-40	+ 3-0653	+ 0-0006	...	...	...
2582	...	C.Z. XI. 1491 ...	9.0	71-48	5	11 21 22-62	+ 2-7407	+ 0-0339	...	...	...
2583	3900	84 Leonis ...	5.1	82-12	62	11 21 30-52	+ 3-0861	- 0-0020	- 0-0010	0-00	...
2584	...	Lalande 21819 ...	8.2	75-90	9	11 21 31-36	+ 3-0859	- 0-0021	...	+ 0-01	...
2585	...	W.B.E. XI. 359 ...	8.3	68-62	5	11 21 40-64	+ 3-0652	+ 0-0006	...	...	...
2586	...	Lalande 21833 ...	8.2	72-23	3	11 22 0-67	+ 3-0856	- 0-0020	...	...	...
2587	...	R.P.L. 81 ...	7.1	82-57	20	11 22 0-75	+ 5-8104	- 1-0191	...	...	...
2588	...	B.D. — 2°. 3352 ...	9.1	83-27	5	11 22 8-86	+ 3-0623	+ 0-0005	...	...	...
2589	...	C.P.D. — 38°. 4725 ...	9.5	64-59	6	11 22 13-96	+ 2-8981	+ 0-0205	...	...	...
2590	3907	Brisbane 3595 (1st) ...	8.2	65-82	4	11 22 31-49	+ 2-8767	+ 0-0230	...	...	+ 0-11

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2556	134 49 21.2	+ 10'016	+ 0'077	...	...	- 0.2	...	...	...	...	15468
2557	51 7 43.4	'622	'091	+ 0'068	- 1.0	...	...	5155	6202	1555	...
2558	104 6 8.3	'636	'081	- 0'210	- 0.7	+ 0.6	...	5163	6208	1557	15488
2559	124 35 43.0	'610	'077	...	...	...	...	...	...	...	949
2560	146 17 15.9	'649	'070	...	...	...	...	...	...	...	934
2561	84 26 2.9	'641	'081	...	...	...	...	5172	...	...	...
2562	83 17 8.7	'663	'081	- 0'002	- 0.7	...	...	5175	6312	1558	...
2563	113 48 20.2	'674	'069	+ 0'010	...	- 1.3	4717	5183	6321	...	15539
2564	128 25 12.8	'691	'072	...	...	+ 1.5	...	...	...	...	15553
2565	145 55 6.1	'696	'067	...	...	+ 1.0	4726	...	6326	...	15556
2566	147 41 57.5	'696	'065	...	...	+ 0.1	...	5193	6327	...	15557
2567	125 42 37.7	'703	'071	...	...	+ 3.0	...	...	...	...	15566
2568	125 28 44.1	'705	'072	...	...	+ 0.7	4728	5195	6333	...	15571
2569	147 37 47.9	'707	'065	...	...	+ 1.2	4733	5198	6334	...	15573
2570	78 46 57.2	'709	'076	+ 0'070	+ 1.4	...	...	5196	...	1560	...
2571	87 54 23.6	'713	'076	- 0'008	- 0.1	...	...	5199	...	1562	...
2572	100 10 25.5	'723	'072	- 0'050	- 0.7	- 0.7	...	5205	6344	1563	15595
2573	146 58 18.7	'723	'063	...	...	...	...	...	...	...	1279
2574	125 42 41.1	'727	'069	...	...	...	...	...	...	...	1283
2575	106 59 51.0	'729	'070	- 0'009	...	- 0.8	...	5210	6347	1564	15603
2576	33 27 53.9	'733	'060	...	+ 1.9	...	...	5209	...	...	...
2577	143 57 55.2	'740	'064	...	...	...	...	...	...	...	1358
2578	131 59 8.3	'743	'064	...	...	+ 0.9	...	5220	6353	...	15624
2579	112 53 1.7	'748	'062	...	...	...	...	...	...	...	1363
2580	129 34 35.1	'749	'065	...	...	...	...	...	...	...	...
2581	91 42 50.0	'754	'070	...	...	...	...	...	...	...	...
2582	115 53 23.0	'770	'059	...	...	...	...	...	...	...	1491
2583	86 27 10.9	'772	'063	+ 0'006	- 0.5	...	...	5231	6367	1570	...
2584	86 28 52.0	'772	'068	...	- 0.4	...	...	...	...	...	...
2585	91 47 4.0	'775	'067	...	...	...	...	...	...	...	...
2586	86 31 35.5	'779	'036	...	...	...	...	5233	...	...	...
2587	4 36 10.2	'779	'132	...	...	...	...	...	...	...	...
2588	92 35 29.6	'781	'065	...	...	...	...	...	...	...	...
2589	128 26 24.0	'782	'031	...	...	...	...	...	...	...	...
2590	131 59 24.8	+ 10'787	+ 0'030	...	...	+ 1.4	4754	5245	6376	...	15683



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
2591	...	C.P.D. - 39°. 5097 ...	8.0	64.68	5	11 22 39.49	+ 2.8958	+ 0.0209	...	...	+ 0.22	
2592	...	B.D. - 1°. 2531 ...	9.3	69.25	5	11 22 52.25	+ 3.0646	+ 0.0008	...	...	...	
2593	...	C.Z. XI. 1624 ...	8.5	66.25	5	11 23 18.52	+ 2.7568	+ 0.0344	...	...	...	
2594	...	C.P.D. - 52°. 4604 ...	8.5	67.26	3	11 23 42.53	+ 2.7931	+ 0.0318	...	...	...	
2595	...	B.D. + 67°. 702 ...	8.8	67.80	4	11 23 48.58	+ 3.5670	- 0.0930	...	...	...	
2596	3916	87 Leonis ...	<i>e</i>	5.0	64.83	5	11 23 55.54	+ 3.0638	+ 0.0011	- 0.0005	- 0.15	- 0.18
2597	3914	1 Draconis ...	$\lambda$	4.1	79.78	10	11 23 57.55	+ 3.6481	- 0.1119	- 0.0098	- 0.07	...
2598	...	Anonymous ...	9.8	65.86	5	11 24 1.43	+ 3.5548	- 0.0905	...	...	...	
2599	...	Anonymous ...	8.8	66.48	6	11 25 5.60	+ 2.7691	+ 0.0352	...	...	...	
2600	...	B.D. + 67°. 704 ...	8.3	66.81	8	11 25 9.16	+ 3.5495	- 0.0923	...	...	...	
2601	...	B.D. + 5°. 2502 ...	8.3	68.48	5	11 25 14.76	+ 3.0607	- 0.0028	...	...	...	
2602	...	C.Z. XI. 1787 ...	8.5	69.50	5	11 25 38.91	+ 2.7031	+ 0.0415	...	...	...	
2603	...	R.F.L. 82 ...	7.3	82.97	30	11 25 50.13	+ 6.1476	- 1.3749	...	...	...	
2604	...	C.P.D. - 38°. 4749 ...	9.0	69.64	5	11 25 52.79	+ 2.9145	+ 0.0210	...	...	...	
2605	...	B.D. + 67°. 705(?) ...	9.4	70.10	5	11 26 0.95	+ 3.5377	- 0.0913	...	...	...	
2606	...	C.P.D. - 51°. 4266 ...	9.0	82.14	5	11 26 1.61	+ 2.8215	+ 0.0315	...	...	...	
2607	3922	Hydra (2nd) ...	<i>N</i>	5.0	78.31	5	11 26 4.81	+ 2.9648	+ 0.0149	+ 0.0020	- 0.03	- 0.19
2608	...	C.P.D. - 38°. 4752 ...	9.0	67.08	5	11 26 19.62	+ 2.9169	+ 0.0211	...	...	...	
2609	3926	Brisbane 3638 ...	5.4	78.38	5	11 26 43.43	+ 2.9587	+ 0.0161	...	...	+ 0.07	
2610	...	C.Z. XI. 1863 ...	8.5	67.73	5	11 26 45.92	+ 2.8072	+ 0.0335	...	...	...	
2611	3928	19 Hydra ...	$\xi$	3.8	77.23	5	11 26 51.34	+ 2.9557	+ 0.0167	- 0.0175	- 0.10	- 0.03
2612	...	Anonymous ...	10.4	72.86	5	11 27 0.60	+ 2.7161	+ 0.0424	...	...	...	
2613	...	Brisbane 3646 ...	8.5	71.65	5	11 27 6.65	+ 2.7256	+ 0.0415	...	...	+ 0.13	
2614	...	C.Z. XI. 1904 ...	9.0	72.08	5	11 27 13.50	+ 2.7175	+ 0.0425	...	...	...	
2615	...	Anonymous ...	10.0	67.66	5	11 27 18.33	+ 3.5124	- 0.0889	...	...	...	
2616	...	Anonymous ...	9.9	71.12	5	11 27 21.55	+ 2.7216	+ 0.0423	...	...	...	
2617	...	B.D. + 67°. 707 ...	8.4	73.86	5	11 27 35.38	+ 3.5157	- 0.0699	...	...	...	
2618	...	C.P.D. - 40°. 5235 ...	8.5	82.15	5	11 27 45.34	+ 2.9115	+ 0.0229	...	...	...	
2619	...	C.P.D. - 40°. 5241 ...	7.5	82.19	3	11 28 9.85	+ 2.9143	+ 0.0228	...	...	...	
2620	...	C.P.D. - 38°. 4771 ...	9.0	65.70	5	11 28 52.04	+ 2.9288	+ 0.0214	...	...	...	
2621	3941	Centauri ...	$\lambda$	3.3	65.83	5	11 30 1.65	+ 2.7398	+ 0.0443	- 0.0086	...	+ 0.10
2622	3944	Brisbane 3672 ...	7.7	79.28	5	11 30 15.58	+ 2.7614	+ 0.0428	...	...	...	
2623	3943	21 Crateris ...	$\theta$	4.7	77.23	5	11 30 20.40	+ 3.0445	+ 0.0040	- 0.0058	- 0.08	- 0.11
2624	...	C.Z. XI. 2109 ...	8.0	64.89	5	11 30 21.64	+ 2.7817	+ 0.0406	...	...	- 0.08	
2625	...	Brisbane 3671 ...	7.0	82.17	5	11 30 24.82	+ 2.9493	+ 0.0197	...	...	- 0.27	

2609.—Red

2622.—In C.G.A. L.4809 is identified with another star, No. 15868

No.	Mean Polar Distance 18750	Annual Precession 18750	Secular Variation 18750	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2591	129 7 53.9	+ 19.788	+ 0.060	...	...	+ 0.2	...	...	...	...	15686
2592	91 59 45.4	.791	.064	...	...	...	...	...	...	...	...
2593	145 57 21.8	.797	.056	...	...	...	...	...	...	...	1624
2594	142 56 12.6	.803	.056	...	...	...	...	...	...	...	1648
2595	23 1 22.3	.805	.075	...	...	...	...	...	...	...	...
2596	92 18 51.1	.806	.062	0.000	+ 0.5	+ 2.4	...	5260	6394	1576	15716
2597	19 58 44.9	.807	.075	+ 0.024	- 0.5	...	...	5254	...	1572	...
2598	23 21 48.4	.807	.074	...	...	...	...	...	...	...	...
2599	146 12 35.7	.822	.053	...	...	...	...	...	...	...	...
2600	22 59 32.5	.823	.071	...	...	...	...	...	...	...	...
2601	84 45 59.5	.823	.060	...	...	...	...	...	...	...	...
2602	151 35 7.5	.829	.050	...	...	...	...	...	...	...	1787
2603	3 41 38.0	.832	.124	...	...	...	...	...	...	...	...
2604	128 30 25.8	.833	.055	...	...	...	...	...	...	...	1801
2605	22 59 37.8	.834	.068	...	...	...	...	...	...	...	...
2606	141 45 58.0	.835	.052	...	...	...	...	...	...	...	1805
2607	118 34 35.7	.835	.055	- 0.180	+ 1.3	+ 1.5	...	5270	C414	1578	15700
2608	128 26 24.7	.838	.054	...	...	...	...	...	...	...	1828
2609	120 23 51.9	.844	.054	...	...	+ 1.9	4776	5282	G421	...	15777
2610	143 54 51.3	.844	.051	...	...	...	...	...	...	...	1803
2611	121 9 57.9	.845	.053	+ 0.033	- 1.0	- 0.3	...	5285	...	1580	15786
2612	151 41 31.6	.847	.048	...	...	...	...	...	...	...	...
2613	151 7 42.6	.848	.049	...	...	+ 3.2	...	...	...	...	15790
2614	151 45 12.5	.849	.048	...	...	...	...	...	...	...	1904
2615	23 21 11.7	.851	.065	...	...	...	...	...	...	...	...
2616	151 34 38.5	.851	.048	...	...	...	...	...	...	...	...
2617	23 1 9.9	.855	.063	...	...	...	...	...	...	...	...
2618	130 35 40.4	.856	.051	...	...	...	...	...	...	...	1941
2619	130 27 49.6	.861	.050	...	...	...	...	...	...	...	1971
2620	128 23 46.2	.869	.050	...	...	...	...	...	...	...	2021
2621	152 19 42.3	.882	.044	+ 0.019	...	+ 1.4	4804	5314	G452	...	15842
2622	150 53 54.4	.886	.043	...	...	...	4809	5311	...	...	2102
2623	99 6 38.4	.887	.048	- 0.032	- 1.6	- 1.0	...	5315	G454	1585	15851
2624	149 19 21.8	.887	.044	...	...	+ 4.1	...	...	...	...	15852
2625	125 25 48.5	+ 10.888	+ 0.046	...	...	+ 2.0	4802	5317	G456	...	15855

2602.—P. D. differs by 1' from C.Z. position

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
2026	3946	91 Leonis ... ..	v	4.5	70.89	158	11 30 32.89	+ 3.0718	+ 0.0003	- 0.0012	- 0.02	- 0.08
2027	...	C.Z. XI. 2224 ... ..	...	8.5	82.12	1	11 31 41.02	+ 2.7487	+ 0.0464	...	...	...
2028	...	Brisbane 3686 ... ..	...	7.8	78.73	5	11 31 41.90	+ 2.7776	+ 0.0432	...	...	- 0.12
2029	3956	24 Crateris ... ..	...	5.6	78.38	5	11 32 19.11	+ 3.0364	+ 0.0068	+ 0.0044	...	- 0.18
2030	...	C.Z. XI. 2303 ... ..	...	9.0	65.49	5	11 32 49.58	+ 2.8510	+ 0.0356	...	...	...
2031	...	C.P.D. - 43°. 5514 ... ..	...	9.0	82.14	5	11 33 37.18	+ 2.9242	+ 0.0263	...	...	...
2032	...	C.Z. XI. 2362 ... ..	...	9.0	71.26	5	11 33 37.65	+ 2.8536	+ 0.0367	...	...	...
2033	...	C.Z. XI. 2363 ... ..	...	8.5	70.59	9	11 33 38.70	+ 2.8587	+ 0.0360	...	...	...
2034	3962	W.B.E. XI. 571 ... ..	...	7.3	65.94	4	11 33 59.59	+ 3.0766	- 0.0005	...	...	...
2035	3963	Hydræ ... ..	o	5.0	78.71	5	11 34 0.39	+ 2.9699	+ 0.0192	- 0.0045	...	- 0.21
2036	...	C.Z. XI. 2392 ... ..	...	9.0	82.17	4	11 34 2.63	+ 2.7763	+ 0.0477	...	...	...
2037	...	W.B.E. XI. 573 ... ..	...	8.0	72.07	10	11 34 3.45	+ 3.0876	- 0.0026	...	...	...
2038	...	C.P.D. - 37°. 4862 ... ..	...	8.2	65.88	5	11 34 29.83	+ 2.9567	+ 0.0219	...	...	...
2039	...	W.B.E. XI. 582 ... ..	...	9.0	72.82	10	11 34 31.71	+ 3.0869	- 0.0024	...	...	...
2040	...	C.Z. XI. 2441 ... ..	...	8.2	64.96	6	11 34 51.93	+ 2.8678	+ 0.0364	...	...	+ 0.03
2041	...	C.Z. XI. 2449 ... ..	...	7.0	68.88	5	11 34 57.86	+ 2.8649	+ 0.0370	...	...	- 0.03
2042	...	W.B.E. XI. 597 ... ..	...	8.7	66.63	3	11 35 17.46	+ 3.0764	- 0.0004	...	...	...
2043	3971	W.B.E. XI. 606 ... ..	...	8.0	74.29	20	11 35 43.71	+ 3.0857	- 0.0023	...	...	...
2044	...	Brisbane 3729 ... ..	...	8.5	65.49	5	11 36 35.26	+ 2.9113	+ 0.0320	...	...	+ 0.01
2045	3976	Brisbane 3739 ... ..	...	5.2	64.53	4	11 37 33.91	+ 2.8286	+ 0.0470	...	...	- 0.35
2046	...	Paris 14339 ... ..	...	8.7	86.29	5	11 38 4.64	+ 3.0927	- 0.0042	...	...	...
2047	3978	27 Crateris ... ..	ζ	4.9	77.24	5	11 38 25.30	+ 3.0322	+ 0.0099	+ 0.0010	- 0.44	- 0.45
2048	...	Brisbane 3745 ... ..	...	8.0	68.13	5	11 38 40.84	+ 2.8597	+ 0.0444	...	...	- 0.11
2049	...	C.Z. XI. 2686 ... ..	...	8.5	75.58	5	11 38 45.38	+ 2.8690	+ 0.0430	...	...	...
2050	...	C.P.D. - 43°. 5547 ... ..	...	8.0	82.14	5	11 38 47.06	+ 2.9534	+ 0.0272	...	...	...
2051	3979	2 Virginis ... ..	ξ	4.9	76.06	10	11 38 50.37	+ 3.0916	- 0.0040	+ 0.0035	...	...
2052	...	C.P.D. - 39°. 5250 ... ..	...	9.2	64.50	5	11 39 14.75	+ 2.9722	+ 0.0237	...	...	...
2053	3982	3 Virginis ... ..	v	4.2	71.11	11	11 39 26.00	+ 3.0874	- 0.0031	- 0.0026	0.00	...
2054	3981	63 Ursæ Majoris ... ..	χ	3.9	78.54	5	11 39 26.29	+ 3.2075	- 0.0358	- 0.0146	- 0.29	...
2055	3984	Muscæ ... ..	λ	3.8	78.56	5	11 39 43.10	+ 2.8064	+ 0.0562	- 0.020	...	- 0.17
2056	...	C.P.D. - 42°. 5497 ... ..	...	9.0	82.15	5	11 39 46.40	+ 2.9628	+ 0.0265	...	...	...
2057	...	C.P.D. - 39°. 5264 ... ..	...	9.0	82.18	5	11 40 25.84	+ 2.9794	+ 0.0236	...	...	...
2058	3986	Brisbane 3763 ... ..	...	4.3	78.72	5	11 40 28.51	+ 2.8713	+ 0.0466	- 0.0043	...	- 0.11
2059	...	Anonymous ... ..	...	9.0	82.13	1	11 40 30.34	+ 2.9865	+ 0.0222	...	...	...
2060	...	B.D. + 8°. 2541 ... ..	...	9.0	86.30	5	11 40 43.43	+ 3.1894	- 0.0038	...	...	...

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1860	Ayers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2626	90 8 2.1	+ 19.889	+ 0.049	- 0.050	+ 0.3	+ 0.9	...	5318	6462	1586	15861
2627	152 50 29.1	.902	.940	...	...	...	...	...	...	...	2224
2628	150 47 35.6	.902	.941	...	...	+ 0.9	...	5336	6475	...	15889
2629	102 30 49.7	.909	.944	- 0.128	...	+ 0.2	...	5341	6487	1591	15903
2630	144 18 11.3	.912	.941	...	...	...	...	...	...	...	2303
2631	133 56 54.0	.921	.940	...	...	...	...	...	...	...	2301
2632	144 55 10.4	.922	.959	...	...	...	...	...	...	...	2302
2633	114 18 14.5	.922	.939	...	...	...	...	...	...	...	2303
2634	88 21 29.4	.925	.943	...	...	...	...	5353	...	...	...
2635	124 3 7.3	.925	.940	- 0.014	...	+ 0.1	...	5354	...	1584	15950
2636	152 56 50.4	.925	.936	...	...	...	...	...	...	...	2302
2637	84 10 2.2	.926	.942	...	...	...	...	...	...	...	...
2638	127 52 59.1	.930	.940	...	...	...	...	...	...	...	...
2639	84 21 18.0	.931	.941	...	...	...	...	...	...	...	...
2640	144 24 29.4	.933	.937	...	...	+ 1.0	...	...	...	...	15968
2641	114 52 51.4	.935	.937	...	...	+ 0.3	4850	...	6521	...	15973
2642	88 18 44.4	.937	.941	...	...	...	...	...	...	...	...
2643	84 33 38.4	.942	.939	...	...	...	...	5372	...	...	...
2644	139 43 55.5	.949	.935	...	...	+ 1.6	...	...	...	...	16012
2645	151 47 46.2	.958	.932	...	...	+ 2.3	4808	5384	6540	...	16039
2646	80 52 30.7	.963	.933	...	...	...	...	...	...	...	...
2647	107 39 19.8	.965	.932	+ 0.009	- 1.5	- 2.1	...	5386	6555	1588	16053
2648	149 42 28.6	.967	.930	...	...	+ 2.2	...	...	...	...	16058
2649	148 39 33.7	.968	.930	...	...	...	...	...	...	...	2686
2650	133 54 50.5	.969	.931	...	...	...	...	...	...	...	...
2651	81 2 49.1	.969	.933	+ 0.008	...	...	...	5388	...	1589	...
2652	129 37 42.7	.972	.931	...	...	...	...	...	...	...	...
2653	82 46 12.2	.974	.932	+ 0.165	- 1.8	...	...	5393	...	1601	...
2654	41 31 36.5	.974	.933	- 0.023	- 2.3	...	...	5392	6563	1600	...
2655	156 2 9.0	.976	.927	- 0.03	...	+ 1.1	4883	...	6567	...	16085
2656	132 53 20.1	.976	.931	...	...	...	...	...	...	...	2766
2657	129 9 5.2	.981	.929	...	...	...	...	...	...	...	2805
2658	150 29 0.9	.982	.927	+ 0.026	...	- 0.3	4885	5402	6573	...	16100
2659	127 10 54.1	.982	.928	...	...	...	...	...	...	...	...
2660	81 17 29.3	+ 19.984	+ 0.028	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
2661	...	B.D. + 0°. 2548	...	9.5	86.32	5	11 41 8.70	+ 3.0807	- 0.0039	...	...	...
2662	...	Brisbane 3772	...	8.5	66.10	5	11 41 28.65	+ 2.8859	+ 0.0458	...	...	- 0.02
2663	3989	4 Virginis	...	A <sup>1</sup>	5.2	72.86	5	11 41 29.57	+ 3.0892	- 0.0039	- 0.0048	+ 0.03
2664	3990	93 Leonis	...	...	4.6	78.73	5	11 41 32.07	+ 3.1133	- 0.0108	- 0.0123	- 0.06
2665	...	C.P.D. - 30°. 5174	...	...	8.8	65.67	5	11 41 41.86	+ 2.9931	+ 0.0218	...	+ 0.11
2666	...	C.P.D. - 39°. 5270	...	...	8.5	64.26	6	11 41 45.11	+ 2.9843	+ 0.0240	...	...
2667	...	Anonymous	...	...	9.8	71.97	9	11 42 8.26	+ 3.0821	- 0.0020	...	...
2668	8995	94 Leonis ( <i>Deneb</i> )	...	$\beta$	2.2	70.75	155	11 42 40.03	+ 3.0998	- 0.0074	- 0.0354	- 0.02
2669	3996	B.F. 1656	...	...	6.1	71.83	5	11 42 42.73	+ 3.0826	- 0.0022	...	...
2670	...	Brisbane 3786	...	...	7.8	82.16	3	11 43 17.89	+ 2.9654	+ 0.0466	...	- 0.02
2671	...	Brisbane 3788	...	...	8.2	65.71	5	11 43 40.70	+ 2.9421	+ 0.0382	...	+ 0.02
2672	...	Brisbane 3789	...	...	7.8	65.78	6	11 43 43.83	+ 2.9639	+ 0.0242	...	- 0.06
2673	4002	5 Virginis	...	$\beta$	3.7	66.82	15	11 44 11.01	+ 3.0762	- 0.0003	+ 0.0480	- 0.04
2674	4006	Lalande 22361	...	...	5.7	64.04	5	11 44 38.85	+ 3.0650	+ 0.0034	...	+ 0.01
2675	...	B.D. + 5°. 2550	...	...	9.5	72.90	10	11 44 40.95	+ 3.0803	- 0.0017	...	...
2676	4007	55 Centauri	...	$B$	4.6	78.36	5	11 44 53.94	+ 2.9858	+ 0.0286	- 0.0109	- 0.25
2677	...	C.P.D. - 30°. 5300	...	...	8.5	64.72	5	11 45 17.10	+ 3.0026	+ 0.0241	...	- 0.12
2678	...	C.P.D. - 30°. 5301	...	...	8.0	64.45	5	11 45 24.47	+ 3.0019	+ 0.0246	...	- 0.04
2679	4010	Groombridge 1830	...	...	6.4	76.22	19	11 45 45.98	+ 3.1385	- 0.0237	+ 0.3461	- 0.13
2680	4013	Brisbane 3807	...	...	5.6	78.71	5	11 45 59.66	+ 2.9198	+ 0.0423	...	- 0.24
2681	...	Anonymous	...	...	8.3	66.29	5	11 46 24.21	+ 2.9687	+ 0.0373	...	...
2682	4015	Hydra	...	$\beta$	4.2	77.24	5	11 46 35.95	+ 3.0210	+ 0.0200	- 0.0654	+ 0.12
2683	...	C.P.D. - 41°. 5615	...	...	7.8	82.13	5	11 46 40.09	+ 3.0045	+ 0.0260	...	- 0.09
2684	...	C.P.D. - 44°. 5736	...	...	9.0	82.16	5	11 46 48.57	+ 2.9958	+ 0.0280	...	...
2685	4016	Hydra	...	$\epsilon$	6.4	78.38	5	11 47 8.45	+ 3.0209	+ 0.0298	...	- 0.13
2686	4017	64 Ursæ Majoris	...	$\gamma$	2.6	70.50	10	11 47 14.96	+ 3.1760	- 0.0433	+ 0.0698	+ 0.11
2687	4021	Lalande 22427	...	...	8.0	74.00	11	11 47 39.82	+ 3.0792	- 0.0017	...	...
2688	...	W.B.E. XI. 805	...	...	9.0	72.46	10	11 48 4.32	+ 3.0780	- 0.0013	...	...
2689	...	B.D. + 4°. 2543	...	...	9.2	72.07	10	11 48 17.27	+ 3.0775	- 0.0011	...	...
2690	...	Brisbane 3827	...	...	6.9	66.04	4	11 48 47.81	+ 2.9463	+ 0.0538	...	- 0.01
2691	...	C.P.D. - 34°. 4904	...	...	8.8	67.51	5	11 48 58.29	+ 3.0272	+ 0.0215	...	...
2692	...	C.P.D. - 36°. 5249	...	...	8.5	82.15	5	11 49 7.84	+ 3.0251	+ 0.0227	...	...
2693	...	C.P.D. - 38°. 4935	...	...	8.4	65.68	5	11 50 30.27	+ 3.0288	+ 0.0241	...	...
2694	...	Brisbane 3841	...	...	7.0	66.34	5	11 50 42.49	+ 2.9679	+ 0.0546	...	- 0.07
2695	...	Brisbane 3842	...	...	8.0	82.17	4	11 50 51.61	+ 2.9676	+ 0.0559	...	+ 0.08

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras-		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2661	80 57 11.1	+ 19'987	+ 0'027	...	...	...	...	...	...	...	...
2662	149 55 43.7	'989	'026	...	...	+ 3.1	...	...	...	...	16122
2663	81 3 34.8	'989	'027	- 0'024	- 1'5	...	...	5409	...	1602	...
2664	69 5 11.4	'989	'027	- 0'012	- 0'3	...	...	5410	...	1603	...
2665	126 24 5.9	'990	'027	...	...	+ 3.6	...	...	...	...	16126
2666	129 35 45.7	'991	'027	...	...	...	...	...	...	...	2903
2667	84 35 17.6	'994	'026	...	...	...	...	...	...	...	...
2668	74 43 45.5	'997	'025	+ 0'102	- 0'4	...	...	5415	6593	1605	...
2669	84 6 58.9	+ 19'998	'025	...	...	...	...	...	...	...	...
2670	149 43 50.0	+ 20'001	'022	...	...	- 0'5	...	5420	...	...	16147
2671	143 48 55.4	'003	'022	...	...	+ 0'2	...	...	...	...	16153
2672	129 34 54.0	'003	'023	...	...	0'0	...	5421	6602	...	16154
2673	87 31 51.5	'007	'022	+ 0'260	- 0'1	...	...	...	6605	1006	...
2674	94 38 20.7	'009	'022	...	+ 2'4	+ 3'1	...	5427	6610	...	16174
2675	84 48 31.7	'010	'021	...	...	...	...	...	...	...	...
2676	134 28 41.2	'011	'020	+ 0'034	...	+ 1'3	4910	5429	6614	...	16179
2677	129 6 20.2	'013	'020	...	...	+ 2'1	...	...	...	...	16180
2678	129 36 43.1	'014	'020	...	...	+ 1'1	...	5433	...	...	16193
2679	51 23 5.4	'016	'019	+ 5'776	+ 0'4	...	...	...	...	...	...
2680	146 17 36.4	'017	'017	...	...	- 0'4	4922	5437	6623	...	16206
2681	142 34 40.9	'019	'017	...	...	...	...	...	...	...	...
2682	123 12 45.8	'020	'016	- 0'009	...	- 0'1	4923	5441	6626	1007	16217
2683	131 5 2.3	'020	'016	...	...	- 2'9	...	...	...	...	16218
2684	134 47 20.0	'021	'016	...	...	...	...	...	...	...	2216
2685	124 22 13.4	'023	'016	...	...	+ 1'1	4926	5445	6628	...	16225
2686	35 36 35.7	'024	'017	- 0'004	- 1'1	...	...	5444	...	1608	...
2687	84 25 33.7	'025	'015	...	...	...	...	5450	...	...	...
2688	85 16 2.8	'027	'014	...	...	...	...	...	...	...	...
2689	85 31 44.5	'028	'014	...	...	...	...	...	...	...	...
2690	152 35 2.0	'030	'013	...	...	+ 0'6	4937	...	6643	...	16263
2691	124 58 27.2	'031	'013	...	...	...	...	...	...	...	3363
2692	126 35 32.5	'032	'012	...	...	...	...	...	...	...	5571
2693	128 9 10.9	'037	'010	...	...	...	...	...	6652	...	...
2694	152 33 12.8	'038	'009	...	...	+ 0'8	4946	...	6653	...	16308
2695	152 58 51.9	+ 20'039	+ 0'009	...	...	+ 1'4	...	...	...	...	16312

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
2696	...	B.D. + 4°. 2550	9.5	73.02	10	11 51 0.97	+ 3.0764	- 0.0010	...	...	...	
2697	...	Anonymous	7.8	65.59	6	11 51 9.85	+ 2.9815	+ 0.0506	...	...	+ 0.07	
2698	...	Brisbane 3848	7.8	67.61	6	11 51 42.48	+ 2.9703	+ 0.0598	...	...	- 0.04	
2699	4039	Lalande 22537	7.5	71.43	5	11 51 49.53	+ 3.0757	- 0.0008	+ 0.0002	...	...	
2700	...	C.P.D. - 38°. 4944	8.8	65.31	5	11 51 57.13	+ 3.0344	+ 0.0249	...	...	- 0.02	
2701	...	C.Z. XI. 3571	9.0	66.66	6	11 52 9.88	+ 3.0087	+ 0.0410	...	...	...	
2702	...	C.P.D. - 42°. 5583	8.0	82.15	5	11 52 14.35	+ 3.0304	+ 0.0265	...	...	- 0.24	
2703	...	Brisbane 3857	8.8	68.28	4	11 52 53.65	+ 2.9849	+ 0.0634	...	...	- 0.19	
2704	...	R.P.L. 87	8.0	70.02	28	11 52 59.99	+ 4.0846	- 1.2269	...	...	...	
2705	...	C.Z. XI. 3638	9.0	66.82	4	11 53 12.26	+ 2.9884	+ 0.0609	...	...	...	
2706	4019	7 Virginis	5.2	71.81	5	11 53 32.76	+ 3.0751	- 0.0008	- 0.0022	- 0.01	...	
2707	...	Brisbane 3870	8.0	69.00	4	11 53 46.94	+ 3.0043	+ 0.0543	...	...	- 0.28	
2708	...	C.P.D. - 39°. 5359	9.5	64.10	5	11 54 23.02	+ 3.0451	+ 0.0258	...	...	...	
2709	4053	31 Crateris	5.1	78.34	5	11 54 27.76	+ 3.0113	+ 0.0121	- 0.0027	...	0.00	
2710	4052	8 Virginis	4.4	81.60	80	11 54 28.04	+ 3.0763	- 0.0022	- 0.0028	+ 0.02	...	
2711	4055	Piazzi XI. 214	8.0	71.64	5	11 54 46.33	+ 3.0745	- 0.0007	...	...	...	
2712	...	C.Z. XI. 3736	8.5	82.17	5	11 55 2.29	+ 3.0180	+ 0.0558	...	...	- 0.01	
2713	...	Virginis	X	Var. 77.26	10	11 55 27.88	+ 3.0767	- 0.0035	...	...	...	
2714	4061	Crucis	θ <sup>1</sup>	4.5	68.73	5	11 56 40.55	+ 3.0347	+ 0.0577	- 0.023	...	+ 0.19
2715	...	C.P.D. - 38°. 4966	9.0	64.31	5	11 56 57.18	+ 3.0581	+ 0.0253	...	...	...	
2716	4062	67 Centauri	5.4	78.38	5	11 57 11.52	+ 3.0576	+ 0.0281	+ 0.0261	...	0.00	
2717	...	C.Z. XI. 3929	7.5	64.88	5	11 57 23.14	+ 3.0513	+ 0.0421	...	...	- 0.06	
2718	...	C.P.D. - 52°. 5183	7.0	64.73	5	11 57 27.69	+ 3.0527	+ 0.0404	...	...	- 0.04	
2719	...	B.D. + 16°. 2526	7.5	66.59	10	11 57 37.36	+ 3.0772	- 0.0089	...	...	...	
2720	...	B.D. + 3°. 2592	9.0	71.10	9	11 57 50.45	+ 3.0730	- 0.0001	...	...	...	
2721	...	O.A.S. 11872	8.5	73.33	5	11 57 52.78	+ 3.0677	+ 0.0129	...	...	+ 0.08	
2722	4067	Crucis	θ <sup>2</sup>	4.9	78.57	5	11 57 53.80	+ 3.0487	+ 0.0582	...	...	+ 0.02
2723	...	C.Z. XI. 3959	8.0	82.15	4	11 58 6.83	+ 3.0507	+ 0.0593	...	...	...	
2724	...	B.D. + 3°. 2593	9.0	84.32	5	11 58 11.96	+ 3.0728	+ 0.0001	...	...	...	
2725	4069	Piazzi XI. 227	7.5	72.76	9	11 58 19.05	+ 3.0729	- 0.0004	...	- 0.06	...	
2726	4070	Groombridge 1850 (R.P.L. 89)	6.3	75.12	77	11 58 26.19	+ 3.2091	- 0.4690	...	+ 0.83	...	
2727	...	W.B.E. XI. 996	9.0	73.38	10	11 58 41.24	+ 3.0727	- 0.0003	...	...	...	
2728	4072	9 Virginis	0	4.3	73.46	5	11 58 50.51	+ 3.0733	- 0.0032	- 0.0158	+ 0.05	...
2729	4073	Brisbane 3912	7.7	82.15	5	11 58 57.06	+ 3.0607	+ 0.0584	...	...	- 0.30	
2730	...	Brisbane 3917	8.5	64.65	5	11 59 35.06	+ 3.0704	+ 0.0255	...	...	- 0.15	

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2306	85 22 50.6	+ 20.030	+ 0.008	...	...	...	...	...	...	...	...
2307	150 25 40.3	.039	.009	...	...	+ 1.0	...	...	...	...	16319
2308	154 37 30.5	.041	.008	...	...	+ 2.8	4956	...	6064	...	16335
2309	85 49 18.7	.042	.007	+ 0.005	...	...	...	5489	...	1616	...
2700	128 56 15.3	.042	.007	...	...	+ 0.1	...	...	...	...	16343
2701	144 16 34.9	.043	.007	...	...	...	...	...	...	...	3571
2702	132 44 29.7	.043	.006	...	...	+ 0.2	...	...	...	...	16350
2703	154 36 12.0	.045	.005	...	...	+ 3.4	...	...	...	...	16367
2704	2 18 34.7	.045	.009	...	...	...	...	...	...	...	...
2705	154 41 59.3	.046	.005	...	...	...	...	...	...	...	3638
2706	85 38 55.1	.047	.005	- 0.015	0.0	...	...	5505	6086	1617	...
2707	151 51 53.7	.047	.003	...	...	+ 2.2	...	...	...	...	16387
2708	129 39 30.8	.048	.003	...	...	...	...	...	...	...	3718
2709	108 57 47.7	.048	.002	- 0.033	...	+ 0.9	...	5511	6691	1619	16406
2710	82 41 18.1	.048	.002	+ 0.017	- 1.2	...	...	5509	6092	1618	...
2711	85 40 15.8	.049	+ 0.001	...	...	...	...	5513	...	...	...
2712	151 54 49.9	.050	.000	...	...	+ 0.0	...	...	...	...	16415
2713	80 13 50.1	.051	.000	...	...	...	...	...	...	...	...
2714	152 37 4.0	.052	- 0.002	+ 0.02	...	+ 2.4	4990	...	6711	...	16451
2715	128 33 37.2	.053	.002	...	...	...	...	...	...	...	...
2716	131 44 3.2	.053	.004	+ 0.123	...	- 0.2	4992	5530	6713	...	16458
2717	144 1 0.3	.053	.003	...	...	+ 0.6	4994	5534	6717	...	16465
2718	142 48 0.6	.053	.003	...	...	- 0.7	4995	...	6718	...	16467
2719	70 29 10.5	.053	.003	...	...	...	...	5535	...	...	...
2720	86 24 4.5	.053	.005	...	...	...	...	...	...	...	...
2721	110 20 35.2	.053	.005	...	...	+ 2.6	...	5538	...	...	16477
2722	152 28 12.1	.053	.005	...	...	+ 1.3	4999	...	6722	...	16479
2723	152 52 57.5	.054	.005	...	...	...	...	...	...	...	3859
2724	86 41 2.1	.054	.005	...	...	...	...	...	...	...	...
2725	85 43 47.1	.054	.006	...	- 1.0	...	...	5540	...	...	...
2726	3 43 13.5	.054	.006	...	+ 1.9	...	...	...	...	...	...
2727	85 55 37.6	.054	.006	...	...	...	...	...	...	...	...
2728	80 34 21.4	.054	.007	- 0.056	- 0.5	...	...	5542	6736	1623	...
2729	152 16 49.2	.054	.007	...	...	+ 2.6	5009	...	6739	...	16499
2730	128 31 26.0	+ 20.054	- 0.007	...	...	+ 1.7	...	...	...	...	16516



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
2731	...	C.Z. XII. 5 ...	9.0	65.80	6	12 0 5.20	+ 3.0732	+ 0.0542	...	...	...	
2732	...	C.Z. XII. 12 ...	9.2	67.33	4	12 0 5.69	+ 3.0736	+ 0.0435	...	...	+ 0.09	
2733	...	C.Z. XII. 23 ...	9.0	64.94	5	12 0 18.21	+ 3.0747	+ 0.0434	...	...	- 0.02	
2734	4078	Crucis ...	γ	4.3	78.35	5	12 0 22.64	+ 3.0767	+ 0.0630	...	...	+ 0.01
2735	...	Lalande 22702 ...	8.4	86.27	5	12 1 39.15	+ 3.0711	- 0.0015	...	...	...	
2736	...	C.Z. XII. 100 ...	8.5	66.88	5	12 1 41.74	+ 3.0897	+ 0.0549	...	...	+ 0.05	
2737	4087	Centauri ...	δ	2.8	79.26	10	12 1 53.24	+ 3.0853	+ 0.0380	- 0.0055	...	- 0.03
2738	4090	1 Corvi ...	α	4.3	77.29	5	12 1 57.85	+ 3.0773	+ 0.0153	+ 0.0045	- 0.18	- 0.30
2739	...	C.P.D. - 40°. 5540	...	9.0	65.72	5	12 2 10.97	+ 3.0830	+ 0.0273	...	...	...
2740	...	W.B.E. XI. 1058	...	8.5	72.41	11	12 2 18.26	+ 3.0713	0.0000	...	...	...
2741	...	W.B.E. XII. 9	...	9.0	71.86	10	12 3 1.69	+ 3.0712	+ 0.0005	...	...	...
2742	...	C.P.D. - 51°. 4887	...	7.5	66.62	6	12 3 6.88	+ 3.0651	+ 0.0400	...	...	+ 0.03
2743	...	C.P.D. - 51°. 4889	...	8.2	67.56	8	12 3 11.32	+ 3.0953	+ 0.0396	...	...	- 0.03
2744	4093	Brisbane 3942 ...	...	7.5	76.52	10	12 3 16.56	+ 3.0959	+ 0.0395	...	...	+ 0.04
2745	4694	10 Virginis ...	...	6.1	69.40	10	12 3 16.97	+ 3.0714	+ 0.0007	+ 0.0008	- 0.04	...
2746	4097	2 Corvi ...	ε	3.1	71.92	126	12 3 41.86	+ 3.0809	+ 0.0142	- 0.0060	- 0.01	- 0.15
2747	...	C.Z. XII. 257 ...	...	8.0	69.47	5	12 4 12.06	+ 3.1067	+ 0.0473	...	...	...
2748	...	C.Z. XII. 267 ...	...	8.5	72.52	5	12 4 24.28	+ 3.1103	+ 0.0474	...	...	...
2749	4103	Centauri ...	ρ	4.2	77.29	5	12 5 7.43	+ 3.1100	+ 0.0410	...	...	- 0.52
2750	...	Lalande 22360 ...	...	8.8	72.45	9	12 5 9.02	+ 3.0705	+ 0.0005	...	...	...
2751	...	B.D. + 3°. 2614	...	9.3	71.41	1	12 6 11.25	+ 3.0698	+ 0.0005	...	...	...
2752	4112	4 Draconis (Dev.)	...	5.1	78.41	5	12 6 19.45	+ 2.8938	- 0.1252	+ 0.0013	+ 0.42	...
2753	...	C.P.D. - 44°. 5880	...	8.3	67.13	5	12 6 22.31	+ 3.1083	+ 0.0318	...	...	...
2754	...	C.Z. XII. 413	...	8.5	67.71	5	12 6 30.63	+ 3.1391	+ 0.0568	...	...	+ 0.23
2755	...	C.P.D. - 40°. 5573	...	9.3	68.72	5	12 6 37.12	+ 3.1050	+ 0.0280	...	...	...
2756	...	C.P.D. - 26°. 5451	...	8.7	74.06	5	12 6 41.65	+ 3.0864	+ 0.0132	...	...	...
2757	...	C.P.D. - 48°. 4618	...	8.8	66.96	6	12 6 46.74	+ 3.1170	+ 0.0369	...	...	+ 0.06
2758	...	C.Z. XII. 454 ...	...	9.5	72.29	5	12 7 3.15	+ 3.1450	+ 0.0574	...	...	...
2759	...	C.P.D. - 52°. 5355	...	9.0	70.50	5	12 7 3.27	+ 3.1267	+ 0.0430	...	...	...
2760	...	R.P.L. 90	...	7.7	77.15	29	12 7 19.79	+ 2.0400	- 0.2328	...	...	...
2761	4115	Brisbane 3967 ...	...	5.5	78.35	5	12 7 30.93	+ 3.1161	+ 0.0331	...	...	...
2762	4116	W.B.E. XII. 87	...	8.0	72.41	10	12 7 32.75	+ 3.0699	+ 0.0008	...	...	...
2763	...	B.D. - 0°. 2553	...	9.3	70.24	5	12 8 11.29	+ 3.0725	+ 0.0024	...	...	...
2764	...	Virginis ...	T	Var.	75.23	10	12 8 11.93	+ 3.0767	+ 0.0052	...	...	...
2765	...	Brisbane 3976 ...	...	7.5	66.53	5	12 8 29.65	+ 3.1145	+ 0.0284	...	...	+ 0.19

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2731	150 23 17.1	+ 20.054	- 0.008	...	...	...	...	...	...	...	5
2732	144 22 20.1	.054	.009	...	...	+ 1.6	...	...	...	...	16537
2733	144 19 51.7	.054	.009	...	...	+ 0.8	...	...	...	...	16540
2734	153 55 0.7	.054	.010	...	...	+ 2.7	5023	5552	6754	...	16541
2735	83 16 3.1	.054	.013	...	...	...	...	...	...	...	...
2736	150 25 8.2	.054	.011	...	...	+ 2.9	...	...	...	...	16568
2737	140 1 33.3	.054	.013	+ 0.021	...	- 0.4	5033	5563	6766	...	16572
2738	114 1 52.3	.054	.013	+ 0.034	- 2.5	- 1.3	5035	5568	6768	1624	16576
2739	130 5 16.2	.053	.012	...	...	...	...	...	...	...	135
2740	86 11 45.0	.053	.014	...	...	...	...	...	...	...	...
2741	86 51 51.4	.053	.015	...	...	...	...	...	...	...	...
2742	141 25 53.6	.053	.014	...	...	+ 1.6	5041	...	6774	...	16602
2743	141 9 20.2	.052	.015	...	...	- 0.3	...	...	...	...	16604
2744	141 5 17.0	.052	.015	...	...	- 0.6	...	5574	6775	...	16606
2745	87 24 0.5	.052	.013	+ 0.187	- 0.5	...	...	5575	...	1625	...
2746	111 55 27.5	.052	.016	- 0.020	...	- 0.1	...	5578	6778	1626	16615
2747	146 0 44.9	.051	.016	...	...	...	...	...	...	...	257
2748	146 0 1.0	.050	.017	...	...	...	...	...	...	...	267
2749	141 40 21.1	.049	.019	...	...	- 1.5	5055	5580	6783	...	16652
2750	86 41 46.9	.049	.019	...	...	...	...	...	...	...	...
2751	86 37 25.1	.047	.021	...	...	...	...	...	...	...	...
2752	11 41 20.3	.047	.021	- 0.020	0.0	...	...	5580	...	1634	...
2753	134 11 48.3	.046	.021	...	...	...	...	...	...	...	...
2754	150 22 45.1	.046	.021	...	...	+ 3.7	...	...	...	...	16679
2755	130 14 47.9	.046	.021	...	...	...	...	...	...	...	...
2756	110 2 30.0	.046	.022	...	...	...	...	...	...	...	...
2757	138 31 12.4	.045	.022	...	...	+ 1.2	...	...	...	...	16686
2758	150 30 1.5	.045	.022	...	...	...	...	...	...	...	454
2759	142 54 21.3	.045	.022	...	...	...	...	...	...	...	455
2760	2 22 21.4	.045	.019	...	...	...	...	...	...	...	...
2761	135 1 43.1	.044	.024	...	...	...	5060	5607	6818	...	480
2762	87 2 38.0	.044	.024	...	...	...	...	5608	...	...	...
2763	90 17 57.5	.041	.024	...	...	...	...	...	...	...	...
2764	85 20 28.2	.041	.025	...	...	...	...	...	...	...	...
2765	130 26 20.5	+ 20.041	- 0.025	...	...	+ 0.7	5076	5613	6823	...	16724

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
2766	4120	Crucis ... ..	δ	3.1	79.28	10	12 8 31.12	+ 3.1521	+ 0.0526	- 0.0070	...	- 0.21
2767	...	Lalande 22945 ...	...	7.5	80.34	5	12 8 36.06	+ 3.0728	+ 0.0028	...	...	...
2768	...	C.P.D. - 48°. 4645	...	8.2	75.29	5	12 8 37.61	+ 3.1290	+ 0.0373	...	...	- 0.04
2769	4123	69 Ursæ Majoris ...	δ	3.4	67.00	10	12 9 13.92	+ 2.9870	- 0.0325	+ 0.0129	+ 0.09	...
2770	4124	4 Corvi ... ..	γ	2.8	79.28	10	12 9 22.72	+ 3.0888	+ 0.0116	- 0.0127	- 0.07	+ 0.01
2771	...	C.Z. XII. 606 ...	...	8.0	66.23	5	12 9 24.78	+ 3.1489	+ 0.0460	...	...	...
2772	...	B.D. - 7°. 3377	...	9.0	72.76	5	12 9 28.04	+ 3.0792	+ 0.0062	...	...	...
2773	4125	6 Comæ ... ..	...	5.1	78.37	5	12 9 39.33	+ 3.0565	- 0.0058	- 0.0067	+ 0.03	...
2774	...	Lalande 22983 ...	...	8.8	72.51	5	12 9 40.73	+ 3.0789	+ 0.0059	...	...	...
2775	4126	2 Canum Venat. ...	...	6.0	78.42	5	12 9 51.58	+ 3.0216	- 0.0229	+ 0.0013	+ 0.13	...
2776	...	Lalande 22993 ...	...	8.3	71.70	5	12 9 56.37	+ 3.0791	+ 0.0061	...	...	...
2777	4127	7 Comæ ... ..	...	5.2	78.93	5	12 10 0.89	+ 3.0454	- 0.0110	- 0.0038	- 0.10	...
2778	4128	Canum Venat. ...	λ	5.1	78.77	5	12 10 12.97	+ 3.0324	- 0.0170	...	+ 0.10	...
2779	...	C.P.D. - 48°. 4672	...	9.5	74.11	5	12 10 31.46	+ 3.1416	+ 0.0378	...	...	...
2780	...	Anonymous ...	...	8.6	68.37	1	12 10 41.41	+ 3.1426	+ 0.0376	...	...	...
2781	...	W.B.E. XII. 139	...	9.0	73.03	10	12 10 44.01	+ 3.0696	+ 0.0012	...	...	...
2782	4129	Museæ ... ..	ε	4.2	79.32	5	12 10 49.77	+ 3.2229	+ 0.0806	- 0.0444	...	- 0.54
2783	...	Brisbane 3987 ...	...	7.0	80.37	5	12 10 59.45	+ 3.1440	+ 0.0375	...	...	- 0.18
2784	...	C.P.D. - 48°. 4685	...	9.0	72.86	5	12 11 25.52	+ 3.1473	+ 0.0379	...	...	...
2785	...	W.B.E. XII. 155	...	8.0	72.80	10	12 11 34.03	+ 3.0695	+ 0.0014	...	...	...
2786	4133	Crucis ... ..	ζ	4.2	78.92	5	12 11 40.51	+ 3.2076	+ 0.0670	...	...	- 0.33
2787	4137	13 Virginis ...	...	6.1	69.84	5	12 12 15.88	+ 3.0724	+ 0.0026	- 0.0001	- 0.02	- 0.06
2788	...	C.Z. XII. 789 ...	...	8.5	65.99	3	12 12 27.04	+ 3.2003	+ 0.0592	...	...	...
2789	...	W.B.E. XII. 174	...	8.0	71.84	10	12 12 37.23	+ 3.0698	+ 0.0016	...	...	...
2790	...	Brisbane 3998 ...	...	7.0	64.92	5	12 13 6.59	+ 3.2170	+ 0.0640	...	...	- 0.10
2791	...	Corvi ... ..	ℓ	Var.	69.36	7	12 13 9.68	+ 3.0979	+ 0.0128	...	...	+ 0.01
2792	4150	Groombridge 1871 (R.P.L. 92)	...	6.3	77.74	29	12 13 11.00	+ 1.5387	+ 0.0023	+ 0.2823	...	...
2793	...	Lalande 23079 ...	...	8.5	69.26	2	12 13 14.63	+ 3.0980	+ 0.0128	...	...	+ 0.05
2794	...	Lalande 23085 ...	...	8.5	73.52	5	12 13 27.77	+ 3.0987	+ 0.0128	...	...	+ 0.06
2795	4145	15 Virginis ...	η	4.0	72.49	136	12 13 30.62	+ 3.0722	+ 0.0027	- 0.0055	- 0.02	...
2796	4151	16 Virginis ...	ε	5.2	75.72	19	12 14 0.08	+ 3.0665	+ 0.0006	- 0.0213	+ 0.03	...
2797	4154	5 Corvi ... ..	ζ	5.5	78.38	5	12 14 5.38	+ 3.1046	+ 0.0147	- 0.0090	...	- 0.07
2798	4165	Groombridge 1884 (R.P.L. 93)	...	6.3	77.16	29	12 14 20.29	+ 0.0940	+ 1.0017	- 0.0901	- 0.34	...
2799	4156	11 Comæ ... ..	...	4.9	79.12	5	12 14 24.05	+ 3.0441	- 0.0071	- 0.0098	+ 0.01	...
2800	4158	Crucis ... ..	ε	3.5	77.27	5	12 14 37.10	+ 3.2180	+ 0.0586	- 0.0252	...	- 0.68

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2766	148 3 11.7	+ 20'041	- 0'026	+ 0'007	...	+ 0.2	5075	5612	6624	...	16726
2767	80 37 52.8	'019	'026	...	...	...	...	...	...	...	...
2768	138 27 16.6	'040	'026	...	...	+ 1.4	...	...	...	...	16728
2769	32 16 22.1	'038	'026	- 0'007	+ 0.4	...	...	5620	...	1637	...
2770	106 50 51.3	'038	'028	- 0'033	- 1.3	+ 0.3	...	5623	6828	1638	16744
2771	144 23 54.4	'038	'027	...	...	...	...	...	...	...	606
2772	97 17 4.6	'038	'027	...	...	...	...	...	...	...	...
2773	74 24 19.1	'036	'028	+ 0'014	+ 0.6	...	...	5625	...	1639	...
2774	86 46 16.7	'036	'027	...	...	...	...	...	...	...	...
2775	48 38 37.4	'036	'027	+ 0'033	- 1.2	...	...	5626	...	1640	...
2776	96 50 12.4	'035	'028	...	...	...	...	...	...	...	...
2777	65 21 33.3	'035	'028	0'000	- 1.6	...	...	5627	...	1641	...
2778	56 14 23.3	'035	'028	...	- 0.4	...	...	5628	...	...	...
2779	138 29 44.1	'033	'030	...	...	...	...	...	...	...	...
2780	138 28 7.9	'033	'030	...	...	...	...	...	...	...	...
2781	87 35 36.3	'032	'030	...	...	...	...	...	...	...	...
2782	157 15 54.5	'032	'031	+ 0'03	...	+ 1.2	5084	...	6834	...	16761
2783	138 13 45.4	'031	'031	...	...	+ 1.0	5086	5629	6835	...	16764
2784	138 25 36.1	'030	'032	...	...	...	...	...	...	...	...
2785	87 43 48.0	'029	'032	...	...	...	...	...	...	...	...
2786	153 18 31.0	'029	'033	...	...	+ 3.0	5090	...	6841	...	16778
2787	90 5 32.4	'026	'032	+ 0'020	+ 0.6	+ 1.3	...	5612	...	1643	16791
2788	150 26 31.5	'025	'033	...	...	...	...	...	...	...	789
2789	88 8 24.4	'024	'034	...	...	...	...	...	...	...	...
2790	152 9 37.0	'021	'035	...	...	+ 1.3	5094	5648	6847	...	16804
2791	108 33 41.6	'021	'034	...	...	+ 0.4	...	...	...	...	16806
2792	2 52 10.5	'021	'022	+ 0'02	+ 1.4	...	...	...	...	1656	...
2793	108 30 18.7	'021	'035	...	...	+ 0.3	...	...	...	...	16807
2794	108 34 47.5	'021	'035	...	...	- 0.6	...	...	...	...	16814
2795	89 58 19.5	'019	'035	+ 0'010	+ 0.5	...	...	5652	6852	1647	...
2796	85 59 27.8	'017	'036	+ 0'063	+ 0.8	...	...	5658	...	1652	...
2797	111 31 13.6	'017	'037	+ 0'035	...	- 1.4	...	5660	6859	1653	16824
2798	1 36 26.3	'015	'010	- 0'076	+ 0.6	...	...	...	...	1672	...
2799	71 30 59.0	'015	'037	- 0'090	+ 0.7	...	...	5662	...	1654	...
2800	149 42 35.7	+ 20'014	- 0'039	- 0'085	...	- 2.0	5110	5667	6865	...	16835

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Mudras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
2801	...	C.Z. XII. 913 ...	8.0	65.34	5	12 14 38.82	+ 3.1889	+ 0.0164	...	...	...
2802	...	B.D. - 0°. 2564 ...	9.2	76.30	5	12 15 49.16	+ 3.0735	+ 0.0032	...	...	...
2803	...	C.P.D. - 48°. 4737 ...	8.5	66.26	5	12 15 56.64	+ 3.1778	+ 0.0388	...	...	+ 0.08
2804	4169	12 Comae ...	4.8	78.90	5	12 16 13.06	+ 3.0250	- 0.0117	- 0.0017	- 0.13	...
2805	...	C.P.D. - 51°. 5129 ...	8.0	65.24	5	12 16 27.19	+ 3.1938	+ 0.0435	...	...	+ 0.02
2806	4173	6 Corvi ...	5.9	79.11	5	12 16 50.78	+ 3.1162	+ 0.0169	- 0.0027	...	- 0.24
2807	...	C.Z. XII. 1074 ...	8.0	65.54	5	12 17 21.54	+ 3.2293	+ 0.0535	...	...	+ 0.01
2808	...	B.D. + 65°. 880 ...	8.6	69.98	11	12 17 55.12	+ 2.8430	- 0.0523	...	...	...
2809	4181	13 Comae ...	5.1	78.76	5	12 18 2.05	+ 3.0191	- 0.0116	- 0.0020	- 0.10	...
2810	...	W.B.E. XII. 269 ...	8.0	71.85	10	12 18 17.22	+ 3.0583	+ 0.0018	...	...	...
2811	...	Anonymous ...	9.8	69.10	5	12 19 14.47	+ 3.2241	+ 0.0464	...	...	...
2812	...	C.P.D. - 39°. 5533 ...	9.0	68.92	5	12 19 35.37	+ 3.1673	+ 0.0292	...	...	...
2813	...	C.Z. XII. 1219 ...	8.5	68.69	5	12 19 38.97	+ 3.2514	+ 0.0546	...	...	+ 0.18
2814	...	Crucis (1st) ...	a	1.5	68.69	10	12 19 39.62	+ 3.2913	+ 0.0680	...	- 0.03
2815	4187	Crucis (2nd) ...	a	1.8	74.49	8	12 19 40.29	+ 3.2914	+ 0.0680	- 0.0058	- 0.15
2816	...	C.Z. XII. 1234 ...	8.2	69.13	5	12 19 52.91	+ 3.2325	+ 0.0182	...	...	- 0.14
2817	4191	14 Comae ...	5.1	78.58	5	12 20 8.84	+ 3.0099	- 0.0121	- 0.0033	...	...
2818	...	C.P.D. - 34°. 5192 ...	8.8	69.71	5	12 20 27.56	+ 3.1535	+ 0.0244	...	...	...
2819	...	O.A.S. 12164 ...	7.7	74.30	5	12 20 32.57	+ 3.1198	+ 0.0152	...	...	...
2820	...	Brisbane 4059 ...	7.2	70.51	5	12 20 36.83	+ 3.2617	+ 0.0555	...	...	- 0.10
2821	4195	15 Comae ...	γ	4.7	78.73	5	12 20 42.34	+ 3.0056	- 0.0127	- 0.0081	- 0.06
2822	4196	16 Comae ...	...	5.1	78.93	5	12 20 44.09	+ 3.0003	- 0.0121	- 0.0016	- 0.07
2823	4197	Centauri ...	σ	4.1	79.13	5	12 21 16.96	+ 3.2176	+ 0.0412	- 0.0058	- 0.41
2824	...	C.P.D. - 51°. 5191 ...	8.0	67.13	5	12 21 21.53	+ 3.2280	+ 0.0438	...	...	+ 0.22
2825	...	Lalande 23303 ...	8.5	84.29	5	12 21 22.14	+ 3.0759	+ 0.0040	...	...	- 0.03
2826	...	C.Z. XII. 1346 ...	8.0	68.69	5	12 21 42.62	+ 3.2581	+ 0.0518	...	...	...
2827	4202	Centauri ...	α	5.7	78.58	5	12 21 43.86	+ 3.1723	+ 0.0282	...	- 0.10
2828	...	Brisbane 4067 ...	6.2	67.50	5	12 21 46.04	+ 3.2581	+ 0.0517	...	...	+ 0.27
2829	...	C.Z. XII. 1340 ...	8.7	71.14	5	12 21 46.47	+ 3.2713	+ 0.0556	...	...	...
2830	...	W.B.E. XII. 347 ...	9.0	73.32	5	12 22 1.19	+ 3.0768	+ 0.0042	...	...	...
2831	4208	Piazzi XII. 98 ...	8.0	73.25	5	12 22 45.06	+ 3.0762	+ 0.0041	...	...	+ 0.13
2832	4211	7 Corvi ...	δ <sup>3</sup>	3.1	82.26	72	12 23 23.93	+ 3.1108	+ 0.0118	- 0.0157	+ 0.07
2833	...	B.D. + 3°. 2557 ...	9.5	70.70	5	12 23 47.71	+ 3.0651	+ 0.0017	...	...	...
2834	4215	Crucis ...	γ	1.6	79.30	10	12 24 14.37	+ 3.2848	+ 0.0542	+ 0.0018	- 0.24
2835	...	B.D. - 1°. 2680 ...	9.5	73.88	5	12 24 28.13	+ 3.0765	+ 0.0042	...	...	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2801	143 48 28.8	+ 20'01.4	- 0'038	...	...	...	...	...	...	...	913
2802	90 45 57.0	'006	'030	...	...	...	...	...	...	...	...
2803	138 37 55.9	'005	'010	...	...	- 0.7	5119	...	6875	...	16862
2804	63 27 37.0	'004	'010	- 0'006	+ 1.1	...	...	5073	...	1658	...
2805	141 43 34.8	'003	'012	...	...	...	...	...	...	...	16875
2806	114 8 46.0	+ 20'000	'042	+ 0'016	...	- 2.0	5127	5080	6885	1659	16887
2807	147 13 20.6	+ 19'996	'044	...	...	+ 1.5	...	...	...	...	16898
2808	24 46 45.2	'993	'041	...	...	...	...	...	...	...	...
2809	63 12 28.9	'992	'044	+ 0'021	- 0.4	...	...	5691	...	1661	...
2810	87 55 26.2	'991	'045	...	...	...	...	...	...	...	...
2811	143 33 48.1	'984	'047	...	...	...	...	...	...	...	...
2812	129 47 20.7	'981	'047	...	...	...	...	...	...	...	1215
2813	147 24 59.5	'981	'040	...	...	+ 1.1	...	...	...	...	16941
2814	152 24 23.1	'981	'050	+ 0'021	...	+ 1.8	5148	5700	6908	...	16942
2815	152 24 27.0	'980	'050		...	...	+ 2.5	...	...	6909	...
2816	144 7 50.1	'978	'049	...	...	+ 1.4	...	...	...	...	16950
2817	62 2 19.8	'977	'047	+ 0'010	...	...	...	5707	...	1665	...
2818	124 16 49.0	'974	'049	...	...	...	...	...	...	...	...
2819	111 41 54.7	'974	'050	...	...	...	...	...	...	...	...
2820	147 37 20.3	'973	'051	...	...	+ 1.4	5156	5710	6919	...	16963
2821	61 2 10.8	'972	'049	+ 0'096	- 0.5	...	...	5713	...	1666	...
2822	62 28 54.3	'972	'049	+ 0'001	+ 0.1	...	...	5714	...	1667	...
2823	139 32 16.3	'968	'052	+ 0'020	...	- 0.4	5162	5716	6922	...	16976
2824	141 22 58.3	'967	'051	...	...	+ 1.5	...	...	...	...	16980
2825	91 41 16.7	'967	'051	...	...	+ 0.9	...	...	...	...	16981
2826	145 45 57.9	'964	'053	...	...	...	...	...	...	...	1346
2827	128 20 56.9	'964	'053	...	...	+ 1.6	5164	5720	6927	...	16991
2828	145 42 27.6	'964	'053	...	...	- 1.1	5175	5725	6928	...	16992
2829	147 29 31.1	'963	'053	...	...	...	...	...	...	...	1349
2830	92 4 4.5	'962	'052	...	...	...	...	...	...	...	...
2831	91 44 15.9	'956	'053	...	...	+ 1.9	...	5736	...	...	17006
2832	105 49 9.7	'950	'055	+ 0'130	0.0	+ 0.6	...	5743	6943	1675	17036
2833	87 4 38.7	'946	'055	...	...	...	...	...	...	...	...
2834	146 24 46.8	'942	'060	+ 0'236	...	- 0.4	5180	5748	6947	...	17048
2835	91 43 30.6	+ 19'040	- 0'057	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0			Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
						h	m	s				Grn. 1880	C.G.A.
2836	4224	Muscae ... ..	$\gamma$	4.0	77.30	5	12 25	1.15	+ 3.5061	+ 0.1167	- 0.0161	...	- 0.54
2837	...	C.Z. XII. 1542 ...	...	9.5	72.74	7	12 25	11.02	+ 3.3459	+ 0.0685	...	...	...
2838	...	C.Z. XII. 1548 ...	...	8.5	72.33	11	12 25	15.31	+ 3.3380	+ 0.0658	...	...	...
2839	...	C.Z. XII. 1561 ...	...	8.5	81.29	5	12 25	28.55	+ 3.4634	+ 0.1014	...	...	...
2840	4226	$\delta$ Corvi ... ..	$\eta$	4.4	78.39	5	12 25	37.65	+ 3.1136	+ 0.0117	- 0.0326	- 0.13	- 0.07
2841	...	B.D. + 62°. 1230 ...	...	9.0	66.66	3	12 26	26.88	+ 2.7839	- 0.0420	...	...	...
2842	4230	$\epsilon$ Virginis ... ..	$q$	5.6	63.79	8	12 27	19.72	+ 3.0969	+ 0.0080	- 0.0082	- 0.04	- 0.03
2843	...	Lalande 23476 ...	...	8.5	73.30	5	12 27	22.78	+ 3.0849	+ 0.0657	...	...	...
2844	...	B.D. + 52°. 1634 ...	...	8.7	69.55	4	12 27	35.89	+ 2.8673	- 0.0294	...	...	...
2845	...	B.D. - 3°. 3313 ...	...	8.0	80.34	5	12 27	45.25	+ 3.0828	+ 0.0055	...	...	...
2846	...	B.D. + 52°. 1635 ...	...	9.0	73.29	5	12 27	47.40	+ 2.8657	- 0.0293	...	...	...
2847	...	W.B.E. XII. 446 ...	...	9.0	67.74	5	12 27	47.69	+ 3.0808	+ 0.0051	...	...	...
2848	4235	$\delta$ Canum Venat. ...	$\beta$	4.3	78.34	5	12 27	48.09	+ 2.9261	- 0.0207	- 0.0638	- 0.15	...
2849	4234	$\eta$ Corvi ... ..	$\beta$	2.8	71.69	120	12 27	49.34	+ 3.1399	+ 0.0164	- 0.0019	- 0.11	- 0.10
2850	...	B.D. - 9°. 3516 ...	...	9.4	68.93	5	12 28	3.16	+ 3.1001	+ 0.0086	...	...	...
2851	4239	$\epsilon$ Draconis ... ..	$\kappa$	3.8	80.04	10	12 28	8.32	+ 2.6105	- 0.0518	- 0.0134	+ 0.12	...
2852	...	Brisbane 4106 ...	...	7.2	68.34	4	12 28	23.47	+ 3.3710	+ 0.0670	...	...	- 0.11
2853	...	C.P.D. - 51°. 5305 ...	...	8.2	68.50	5	12 28	25.18	+ 3.2819	+ 0.0459	...	...	- 0.11
2854	...	C.P.D. - 50°. 5300 ...	...	9.1	68.29	5	12 28	25.47	+ 3.2764	+ 0.0447	...	...	...
2855	4240	$\delta$ Comae ... ..	...	4.9	78.76	5	12 28	37.49	+ 3.0003	- 0.0087	...	...	...
2856	4242	$\epsilon$ Comae ( $\beta$ nd) ...	...	5.0	78.40	5	12 28	51.41	+ 3.0142	- 0.0061	- 0.0007	- 0.11	...
2857	...	Lalande 23532 ...	...	8.0	70.13	10	12 29	2.41	+ 3.0807	+ 0.0050	...	...	...
2858	4245	Muscae ... ..	$\alpha$	2.9	77.31	5	12 29	44.64	+ 3.5102	+ 0.0096	- 0.0083	...	- 0.05
2859	4247	$\epsilon$ Virginis ... ..	$f$	5.9	70.05	4	12 30	21.12	+ 3.0881	+ 0.0053	- 0.0035	+ 0.03	- 0.05
2860	...	C.Z. XII. 1844 ...	...	7.2	81.27	5	12 30	32.09	+ 3.5328	+ 0.1033	...	...	+ 0.11
2861	...	Ursa Majoris ...	$T$	Var.	69.94	8	12 30	41.50	+ 2.7609	- 0.0377	...	...	...
2862	4251	Centauri ... ..	$\tau$	4.0	79.13	5	12 30	52.15	+ 3.2706	+ 0.0404	...	...	- 0.56
2863	4253	Hydra ... ..	$d$	5.5	78.56	5	12 31	4.79	+ 3.1621	+ 0.0193	...	- 0.07	- 0.10
2864	...	C.P.D. - 52°. 5748 ...	...	9.9	66.36	6	12 31	27.23	+ 3.3096	+ 0.0476	...	...	...
2865	4254	Piazzi XII. 142 ...	...	6.1	71.18	6	12 31	59.91	+ 3.0639	+ 0.0024	...	...	...
2866	...	Virginis ... ..	$R$	Var.	66.05	13	12 32	9.40	+ 3.0471	- 0.0663	...	...	...
2867	...	B.D. + 5°. 2657 ...	...	9.0	69.77	5	12 32	25.57	+ 3.0544	+ 0.0009	...	...	...
2868	...	B.D. + 60°. 1409 ...	...	9.1	68.96	5	12 32	38.55	+ 2.7340	- 0.0376	...	...	...
2869	4257	$\epsilon$ Virginis ... ..	$\chi$	4.7	63.72	9	12 32	47.75	+ 3.0968	+ 0.0075	- 0.0009	- 0.02	- 0.03
2870	4262	Centauri ... ..	$l$	4.7	78.39	5	12 33	6.85	+ 3.2298	+ 0.0303	...	...	- 0.09

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras-		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
	° ' "	"	"	"	"	"					
2836	161 26 35.0	+ 12.935	- 0.065	+ 0.006	...	+ 4.5	5184	5755	6958	...	17072
2837	151 48 34.8	.933	.063	...	...	...	...	...	6961	...	1543
2838	151 2 17.6	.933	.061	...	...	...	...	...	...	...	1543
2839	159 14 6.4	.931	.065	...	...	...	...	...	...	...	1561
2840	105 30 12.4	.929	.060	+ 0.019	- 0.8	+ 1.3	...	5766	...	1681	17090
2841	28 5 40.1	.920	.055	...	...	...	...	...	...	...	...
2842	98 45 43.7	.912	.062	- 0.008	- 1.0	- 0.4	...	5775	6978	1683	17120
2843	94 33 8.9	.911	.063	...	...	...	...	...	...	...	...
2844	38 4 4.8	.906	.058	...	...	...	...	...	...	...	...
2845	93 45 21.7	.907	.063	...	...	...	...	...	...	...	...
2846	38 4 2.9	.907	.059	...	...	...	...	...	...	...	...
2847	93 1 6.9	.907	.063	...	...	...	...	...	...	...	...
2848	47 57 49.5	.907	.060	- 0.286	- 0.1	...	...	5782	...	1686	...
2849	112 42 18.5	.907	.064	+ 0.046	- 1.0	+ 0.3	...	5780	6982	1685	17120
2850	99 41 18.7	.904	.064	...	...	...	...	...	...	...	...
2851	19 31 19.5	.903	.055	- 0.005	- 1.4	...	...	5787	...	1689	...
2852	151 3 5.0	.900	.068	...	...	+ 2.1	5208	5785	6985	...	17134
2853	141 43 33.6	.900	.067	...	...	+ 0.6	...	...	...	...	17135
2854	140 59 11.2	.900	.067	...	...	...	...	...	...	...	...
2855	66 40 56.1	.898	.063	...	...	...	...	5789	...	...	...
2856	70 56 3.7	.896	.064	- 0.035	- 0.9	...	...	5791	...	1688	...
2857	92 51 25.9	.894	.065	...	...	...	...	...	...	...	...
2858	158 26 49.2	.887	.075	+ 0.030	...	+ 3.1	5213	5794	6992	...	17156
2859	95 8 33.0	.879	.068	+ 0.019	- 0.8	- 0.3	...	5799	...	1690	17166
2860	158 54 53.2	.876	.078	...	...	+ 1.8	5219	...	6997	...	17170
2861	29 49 27.6	.874	.062	...	...	...	...	...	...	...	...
2862	137 51 10.1	.873	.072	...	...	+ 1.3	5222	5803	6998	...	17180
2863	116 26 50.9	.871	.071	...	- 2.0	- 0.4	5225	5808	7000	...	17185
2864	142 23 19.5	.865	.074	...	...	...	...	...	...	...	...
2865	87 27 25.0	.859	.071	...	...	...	...	5807	...	...	...
2866	82 19 24.8	.857	.070	...	...	...	...	...	...	...	...
2867	81 34 9.9	.854	.071	...	...	...	...	...	...	...	...
2868	29 17 58.0	.850	...	...	...	...	...	...	...	...	...
2869	97 18 25.6	.849	.072	+ 0.021	- 1.3	- 0.3	...	5817	...	1694	17223
2870	129 17 55.7	+ 19.846	- 0.077	...	...	- 1.1	5231	5822	7010	...	17234



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Machas—			
										Grn. 1880	C.G.A.		
						h m s	s	s	s	s	s		
2871	...	B.D. — 10° . 3523	...	9.0	68.52	5	12 33 10.94	+ 3.1067	+ 0.0091	...	...	...	
2872	...	B.D. + 61° . 1307	...	7.2	69.16	5	12 33 21.49	+ 2.7119	- 0.0384	...	...	...	
2873	...	C.Z. XII. 2005	...	8.8	69.29	5	12 33 25.84	+ 3.3319	+ 0.0196	...	...	...	
2874	...	Lalande 23656	...	8.5	73.31	5	12 33 42.12	+ 3.0004	+ 0.0066	...	...	...	
2875	...	C.Z. XII. 2054	...	8.0	67.55	5	12 34 24.06	+ 3.3644	+ 0.0548	...	...	- 0.06	
2876	...	Muscae ...	<i>ℓ</i>	Var.	81.31	10	12 34 28.36	+ 3.5867	+ 0.0148	...	...	0.00	
2877	4264	Centauri ...	<i>γ</i>	2.4	79.32	10	12 34 37.76	+ 3.2978	+ 0.0418	- 0.0217	...	- 0.26	
2878	4266	Brisbane 4153	...	6.8	64.83	4	12 35 3.72	+ 3.3534	+ 0.0518	...	...	- 0.17	
2879	4268	29 Virginis (N)	...	<i>γ</i> <sup>1</sup>	3.5	74.96	5.4	12 35 19.55	+ 3.0749	+ 0.0343	- 0.0392	+ 0.05	- 0.01
2880	4268	29 Virginis (S)	...	<i>γ</i> <sup>2</sup>	3.5	72.37	1.4	12 35 19.66	+ 3.0749	+ 0.0043	- 0.01	+ 0.03	...
2881	4269	28 Virginis ...	...	6.9	70.33	5	12 35 29.91	+ 3.0969	+ 0.0074	- 0.0012	+ 0.02	- 0.06	
2882	4271	30 Virginis ..	...	<i>ρ</i>	5.1	78.39	5	12 35 33.36	+ 3.0323	- 0.0016	+ 0.0033	- 0.09	...
2883	4272	Centauri ...	<i>ω</i>	4.6	78.76	5	12 35 40.82	+ 3.3034	+ 0.0117	...	...	- 0.14	
2884	...	W.B.E. XII. 592	...	7.5	64.71	5	12 36 35.25	+ 3.0848	+ 0.0056	...	...	...	
2885	...	C.Z. XII. 2227	...	8.0	81.27	5	12 37 20.79	+ 3.6185	+ 0.1044	...	...	- 0.23	
2886	...	Brisbane 4166	...	6.9	81.38	5	12 37 22.13	+ 3.6134	+ 0.1032	...	...	- 0.45	
2887	4281	Groombridge 1923 ( <i>R.P.L. 97</i> )	...	7.2	82.87	20	12 37 29.46	+ 0.8820	+ 0.1313	...	...	...	
2888	4270	Crucis ...	<i>ι</i>	4.7	78.73	5	12 38 17.82	+ 3.4620	+ 0.0685	...	...	- 0.29	
2889	...	Ursae Majoris ...	<i>δ</i>	Var.	69.33	9	12 38 27.65	+ 2.6562	- 0.0360	...	...	...	
2890	4280	Muscae ...	<i>β</i>	3.3	77.30	5	12 38 37.66	+ 3.6115	+ 0.0997	- 0.0098	...	- 0.62	
2891	...	B.D. — 6° . 3638	...	8.9	72.34	5	12 38 40.97	+ 3.0069	+ 0.0074	...	...	...	
2892	...	C.Z. XII. 2324	...	8.5	66.32	5	12 38 54.11	+ 3.4139	+ 0.0581	...	...	...	
2893	4283	Brisbane 4180	...	7.0	65.73	5	12 38 58.93	+ 3.3830	+ 0.0521	...	...	- 0.05	
2894	...	C.Z. XII. 2390	...	8.5	67.74	5	12 40 2.99	+ 3.3911	+ 0.0525	...	...	...	
2895	...	C.P.D. — 51° . 5491	...	9.2	68.77	5	12 40 4.98	+ 3.3697	+ 0.0487	...	...	...	
2896	...	B.D. — 4° . 3357	...	9.2	65.70	5	12 40 10.23	+ 3.0800	+ 0.0062	...	...	...	
2897	4290	27 Comae ...	...	5.3	78.37	4	12 40 23.96	+ 2.9993	- 0.0045	...	- 0.11	...	
2898	4289	Crucis ...	<i>β</i>	1.5	81.94	5	12 40 25.86	+ 3.4628	+ 0.0654	- 0.0074	...	- 0.06	
2899	...	Brisbane 4197	...	7.8	71.37	9	12 41 26.32	+ 3.3794	+ 0.0400	...	...	0.00	
2900	4296	35 Virginis ...	...	6.0	73.04	5	12 41 29.58	+ 3.0543	+ 0.0020	- 0.0030	+ 0.09	...	
2901	...	Brisbane 4200	...	8.2	72.32	8	12 42 17.12	+ 3.3849	+ 0.0490	...	...	- 0.09	
2902	...	C.Z. XII. 2554	...	8.8	67.95	5	12 42 41.34	+ 3.4584	+ 0.0611	...	...	...	
2903	...	C.Z. XII. 2583	...	8.0	68.76	5	12 43 2.41	+ 3.4621	+ 0.0613	...	...	+ 0.08	
2904	...	B.D. — 4° . 3360	...	8.8	68.48	6	12 43 9.84	+ 3.0916	+ 0.0066	...	...	...	
2905	...	C.Z. XII. 2594	...	7.8	81.29	5	12 43 17.42	+ 3.7250	+ 0.1128	...	...	- 0.18	

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2871	100 8 20.5	+ 19.844	- 0.074	...	...	...	...	...	...	...	...
2872	28 17 1.8	.842	.066	...	...	...	...	...	...	...	...
2873	143 11 0.2	.842	.070	...	...	...	...	...	...	...	2005
2874	95 17 48.3	.838	.075	...	...	...	...	...	...	...	...
2875	145 37 7.3	.820	.081	...	...	+ 1.1	...	...	...	...	17262
2876	158 43 17.0	.828	.087	...	...	+ 0.1	5236	...	7018	...	17263
2877	138 16 22.2	.827	.082	+ 0.020	...	- 0.2	5243	5827	7022	...	17260
2878	144 4 31.1	.820	.082	...	...	+ 1.3	5246	5830	7025	...	17281
2879	90 45 46.1	.817	.078	- 0.020	- 0.1	+ 1.1	...	5835	7027	1698	17291
2880	90 45 52.0	.817	.078		+ 0.4	- 0.7	...	5836	7028	1699	17292
2881	96 48 44.6	.814	.078	+ 0.028	- 1.1	- 0.8	...	5838	...	1700	17265
2882	79 4 20.9	.813	.077	+ 0.088	- 1.0	...	...	5841	7030	1701	...
2883	138 7 33.5	.812	.084	...	...	- 0.1	5250	5839	7032	...	17300
2884	53 21 23.0	.799	.060	...	...	...	...	...	...	...	...
2885	158 20 43.0	.788	.094	...	...	+ 1.3	...	...	...	...	17342
2886	158 8 46.0	.787	.094	...	...	+ 2.8	5255	...	7044	...	17344
2887	5 40 12.1	.787	.029	...	...	...	...	...	...	...	...
2888	150 17 42.0	.775	.092	...	...	+ 1.3	5265	5861	7049	...	17366
2889	28 13 18.2	.773	.073	...	...	...	...	...	...	...	...
2890	157 25 25.4	.771	.067	+ 0.014	...	+ 1.4	5267	5862	7053	...	17374
2891	96 16 12.3	.770	.084	...	...	...	...	...	...	...	...
2892	143 31 59.7	.766	.092	...	...	...	...	...	...	...	2324
2893	143 55 40.1	.765	.091	...	...	- 0.5	5272	5863	7054	...	17385
2894	143 53 55.5	.740	.093	...	...	...	...	...	...	...	2360
2895	141 57 50.7	.748	.092	...	...	...	...	...	...	...	...
2896	94 5 30.2	.746	.086	...	...	...	...	...	...	...	...
2897	72 44 21.6	.744	.085	...	...	- 0.5	...	5874	...	...	...
2898	149 0 19.9	.743	.097	+ 0.025	...	+ 1.9	5277	5872	7062	...	17411
2899	141 56 29.5	.727	.095	...	...	- 0.5	...	...	...	...	17431
2900	85 44 39.7	.726	.089	+ 0.066	+ 0.2	...	...	5883	7068	1708	...
2901	141 53 9.5	.714	.097	...	...	- 0.3	...	...	...	...	17441
2902	147 20 6.5	.707	.100	...	...	...	...	...	...	...	2554
2903	147 22 21.2	.702	.101	...	...	+ 1.9	...	...	...	...	17455
2904	94 26 55.0	.700	.092	...	...	...	...	...	...	...	...
2905	158 57 50.6	+ 19.698	- 0.110	...	...	+ 0.9	...	...	...	...	17459

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0			Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
						h	m	s				Grn. 1880	C.G.A.
2906	...	C.P.D. - 52°. 5939 ...	9.0	66.35	4	12 43	24.78	+ 3.1054	+ 0.0512	...	...	...	
2907	...	C.P.D. - 49°. 5499 ...	9.1	68.14	5	12 43	28.11	+ 3.3671	+ 0.0449	...	...	...	
2908	...	B.D. + 49°. 2681 ...	9.0	69.12	9	12 43	42.69	+ 3.0310	- 0.0003	...	...	...	
2909	...	C.P.D. - 31°. 5743 ...	8.8	67.93	5	12 43	53.10	+ 3.2797	+ 0.0313	...	...	...	
2910	...	B.D. + 6°. 2663 ...	9.0	65.36	5	12 43	59.57	+ 3.0427	+ 0.0009	...	...	...	
2911	...	Anonymous ...	10.8	73.42	5	12 44	4.13	+ 3.0306	- 0.0003	...	...	...	
2912	...	Virginis ...	U	Var.	68.83	8	12 44	45.22	+ 3.0439	+ 0.0012	...	...	
2913	4313	Brisbane 4217 ...	6.6	78.39	5	12 45	4.33	+ 3.2837	+ 0.0312	...	...	- 0.14	
2914	4314	37 Virginis ...	6.0	71.27	5	12 45	15.09	+ 3.0550	+ 0.0025	- 0.0036	...	...	
2915	...	C.P.D. - 51°. 5574 ...	8.5	67.38	4	12 45	21.06	+ 3.4085	+ 0.0468	...	...	+ 0.23	
2916	...	Radcliffe 2922 ...	7.5	67.96	5	12 45	34.56	+ 2.5385	- 0.0344	...	...	...	
2917	...	B.D. + 6°. 2607 ...	9.5	66.92	5	12 45	43.65	+ 3.0415	+ 0.0010	...	...	...	
2918	4317	Centauri ...	e	4.4	78.57	5	12 46	3.03	+ 3.3713	+ 0.0135	...	...	- 0.17
2919	...	C.Z. XII. 2757 ...	7.5	81.31	5	12 46	15.29	+ 3.7839	+ 0.1181	...	...	0.00	
2920	4320	Crucis ...	κ	6.1	78.73	5	12 46	21.82	+ 3.5318	+ 0.0693	...	...	- 0.26
2921	4321	Centauri ...	n	4.3	78.76	5	12 46	31.06	+ 3.2943	+ 0.0320	+ 0.0030	...	- 0.15
2922	4323	38 Virginis ...	...	6.2	69.04	5	12 46	47.28	+ 3.0859	+ 0.0060	- 0.0174	+ 0.14	+ 0.05
2923	4328	35 Comae ...	...	5.1	78.79	5	12 47	8.49	+ 2.9623	- 0.0064	- 0.007	+ 0.10	...
2924	4325	Centauri (1st) ...	e	4.3	78.94	5	12 47	15.35	+ 3.4857	+ 0.0604	...	...	- 0.27
2925	4330	40 Virginis ...	ψ	5.0	64.60	6	12 47	51.24	+ 3.1155	+ 0.0092	- 0.0035	+ 0.01	0.00
2926	4339	Groombridge 1937 (R.P.L. 98)	6.0	77.78	40	12 48	6.21	+ 0.3780	+ 0.2186	- 0.0172	+ 0.38	...	
2927	...	W.B.E. XII. 799 ...	9.0	68.30	5	12 48	10.94	+ 3.0272	- 0.0001	...	...	...	
2928	4342	Groombridge 1940 (R.P.L. 99)	5.5	74.90	67	12 48	13.86	+ 0.3731	+ 0.2195	- 0.0196	+ 0.09	...	
2929	...	B.D. - 9°. 3584 ...	8.3	81.32	5	12 48	20.65	+ 3.1204	+ 0.0097	...	...	...	
2930	4335	77 Ursae Majoris (Alioth) ε	1.8	80.28	10	12 48	31.16	+ 2.6455	- 0.0273	+ 0.0129	- 0.30	...	
2931	4333	Brisbane 4244 ...	...	5.6	78.97	5	12 48	30.00	+ 3.4018	+ 0.0598	...	...	- 0.23
2932	...	C.P.D. - 35°. 5551 ...	9.0	67.75	5	12 49	4.75	+ 3.2748	+ 0.0279	...	...	...	
2933	4340	43 Virginis ...	δ	3.7	82.44	61	12 49	18.47	+ 3.0519	+ 0.0025	- 0.0328	+ 0.04	...
2934	...	Brisbane 4252 ...	...	8.0	66.36	5	12 49	31.89	+ 3.5579	+ 0.0695	...	...	+ 0.37
2935	...	Brisbane 4256 ...	...	7.5	67.54	5	12 50	2.07	+ 3.4957	+ 0.0586	...	...	+ 0.12
2936	4346	12 Canum Venat. ...	α	3.1	70.18	93	12 50	10.60	+ 2.8371	- 0.0152	- 0.0214	- 0.10	...
2937	...	O.A.S. 12539 ...	...	7.8	72.06	10	12 50	35.24	+ 3.2291	+ 0.0217	...	...	- 0.64
2938	...	O.A.S. 12542 ...	...	9.0	70.13	4	12 50	55.96	+ 3.2305	+ 0.0218	...	...	...
2939	4349	C.Z. XII. 3043 ...	...	9.0	79.74	5-8	12 51	18.85	+ 3.8850	+ 0.1283	...	...	- 0.09
2940	...	B.D. - 15°. 3562 ...	...	9.3	79.30	7	12 51	27.75	+ 3.1574	+ 0.0136	...	...	...

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1860	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2906	142 55 32.8	+ 19.695	- 0.100	...	...	...	...	...	...	...	2599
2907	129 24 53.4	.694	.099	...	...	...	...	...	...	...	...
2908	81 44 56.4	.691	.091	...	...	...	...	...	...	...	...
2909	129 11 28.1	.688	.098	...	...	...	...	...	...	...	...
2910	83 22 50.2	.686	.090	...	...	...	...	...	...	...	...
2911	80 44 11.1	.685	.092	...	...	...	...	...	...	...	...
2912	83 45 57.0	.673	.093	...	...	...	...	...	...	...	...
2913	128 59 59.2	.668	.102	...	...	+ 3.5	5300	5906	7088	...	17489
2914	86 15 47.9	.664	.095	- 0.030	...	...	...	5910	...	1714	...
2915	141 59 13.6	.663	.104	...	...	+ 0.4	...	...	...	...	17496
2916	26 20 1.7	.658	.080	...	...	...	...	...	...	...	...
2917	83 22 42.3	.657	.095	...	...	...	...	...	...	...	...
2918	138 15 45.1	.651	.106	...	...	- 0.4	5308	5918	7101	...	17506
2919	159 21 29.8	.647	.120	...	...	+ 3.9	...	...	...	...	17511
2920	149 41 48.9	.645	.112	...	...	+ 1.4	5309	5922	7104	...	17518
2921	129 29 55.2	.643	.105	+ 0.028	...	+ 0.5	5312	5925	7105	...	17521
2922	92 52 24.6	.638	.099	+ 0.007	0.0	+ 0.6	...	5930	...	1718	17527
2923	68 4 31.4	.632	.096	+ 0.016	+ 1.2	...	...	5936	...	1719	...
2924	146 29 52.3	.630	.112	...	...	- 1.5	5317	5932	7112	...	17541
2925	98 51 33.9	.619	.101	+ 0.017	- 1.3	+ 0.5	...	5938	...	1721	17557
2926	5 54 10.1	.614	.019	- 0.018	+ 1.3	...	...	...	...	1730	...
2927	80 49 2.4	.613	.100	...	...	...	...	...	...	...	...
2928	5 54 27.6	.612	.019	- 0.015	+ 0.7	...	...	...	...	1731	...
2929	80 45 10.0	.610	.103	...	...	...	...	...	...	...	...
2930	33 21 40.5	.606	.089	+ 0.013	- 0.3	...	...	5946	...	1722	...
2931	146 9 26.9	.605	.115	...	...	- 0.3	5321	5944	7119	...	17572
2932	125 28 55.3	.596	.108	...	...	...	...	...	...	...	2912
2933	85 55 21.3	.592	.103	+ 0.050	- 1.3	...	...	5952	7123	1723	...
2934	149 27 53.6	.588	.119	...	...	+ 2.2	...	...	...	...	17684
2935	145 37 47.3	.579	.117	...	...	+ 1.8	...	...	...	...	17612
2936	51 0 21.8	.576	.098	- 0.062	- 0.7	...	...	5959	7132	1725	...
2937	118 11 26.3	.568	.110	...	...	+ 0.2	5337	...	7133	...	17621
2938	118 14 33.8	.561	.111	...	...	...	...	...	...	...	3016
2939	160 9 32.9	.553	.135	...	...	+ 3.1	5335	...	7139	...	17641
2940	105 58 14.7	+ 19.551	- 0.111	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madrus—		
										Grn. 1880	C.G.A.	
2941	...	B.D. — 15°. 3563 ...	8.5	81.35	3	h m s 12 51 34.64	s + 3.1583	s + 0.0137	s ...	s ...	s ...	
2942	...	C.P.D. — 37°. 5439 ...	9.8	68.86	4	12 51 46.38	+ 3.2901	+ 0.0298	...	...	+ 0.05	
2943	...	C.Z. XII. 3112 ...	8.2	68.13	5	12 52 32.84	+ 3.1859	+ 0.0546	...	...	- 0.04	
2944	4351	36 Comæ ...	...	5.0	78.38	5	12 52 44.37	+ 2.9726	- 0.0041	- 0.0031	- 0.17	...
2945	4352	44 Virginis ...	...	5.9	72.29	5	12 53 13.18	+ 3.0890	+ 0.0064	- 0.0036	- 0.02	- 0.02
2946	4353	Muscæ ...	...	3.6	77.33	5	12 53 41.68	+ 3.9672	+ 0.1372	+ 0.0488	...	- 0.26
2947	...	C.P.D. — 52°. 6098 ...	...	8.2	67.13	5	12 53 46.02	+ 3.4767	+ 0.0522	...	...	- 0.06
2948	...	C.Z. XII. 3192 ...	...	9.0	68.15	5	12 53 55.07	+ 3.4070	+ 0.0549	...	...	...
2949	...	C.P.D. — 45°. 6159 ...	...	8.5	67.53	5	12 54 2.92	+ 3.3836	+ 0.0407	...	...	...
2950	4360	37 Comæ ...	...	5.1	78.56	5	12 54 17.53	+ 2.8802	- 0.0106	- 0.0027	+ 0.05	...
2951	...	C.P.D. — 49°. 5654 ...	...	9.2	67.35	5	12 55 15.86	+ 3.4413	+ 0.0465	...	...	...
2952	4366	78 Ursæ Majoris ...	...	4.8	79.15	5	12 55 21.61	+ 2.5790	- 0.0252	+ 0.0072	- 0.05	...
2953	...	C.P.D. — 34°. 5480 ...	...	8.8	66.58	5	12 55 39.19	+ 3.2928	+ 0.0275	...	...	...
2954	4367	47 Virginis (Vindemiatrix) ε	...	3.0	82.82	76	12 55 57.23	+ 3.0057	- 0.0007	- 0.0199	- 0.01	...
2955	4368	Centauri ...	...	5.0	78.95	5	12 56 19.72	+ 3.4445	+ 0.0460	...	...	- 0.09
2956	...	Lalande 24255 ...	...	7.8	79.31	5	12 56 20.88	+ 3.1668	+ 0.0139	...	...	+ 0.01
2957	...	C.Z. XII. 3338 ...	...	8.8	69.75	5	12 56 26.09	+ 3.6259	+ 0.0716	...	...	+ 0.03
2958	...	C.P.D. — 23°. 5691 ...	...	10.3	68.64	4	12 56 46.46	+ 3.2131	+ 0.0184	...	...	...
2959	4373	48 Virginis ...	...	6.6	69.05	6	12 57 27.98	+ 3.0896	+ 0.0065	- 0.0060	- 0.11	- 0.02
2960	...	C.P.D. — 33°. 3316 ...	...	9.0	65.58	5	12 57 35.54	+ 3.2921	+ 0.0268	...	...	...
2961	...	C.P.D. — 40°. 6018 ...	...	7.0	65.73	5	12 57 44.73	+ 3.3521	+ 0.0335	...	...	+ 0.01
2962	...	C.P.D. — 34°. 5504 ...	...	8.2	65.56	5	12 58 42.48	+ 3.3054	+ 0.0278	...	...	+ 0.03
2963	...	Yarnall 5449 ...	...	8.0	65.87	4	12 58 52.03	+ 3.3052	+ 0.0278	...	...	- 0.02
2964	4377	Centauri ...	...	4.9	78.41	5	12 59 2.39	+ 3.4477	+ 0.0445	...	...	- 0.36
2965	4379	Centauri ...	...	4.4	79.17	5	12 59 37.26	+ 3.4711	+ 0.0471	- 0.0051	...	- 0.28
2966	4384	14 Canum Venat. ...	...	5.3	78.41	5	12 59 53.59	+ 2.8109	- 0.0125	- 0.0029	...	...
2967	...	C.P.D. — 37°. 5493 ...	...	8.8	62.21	5	13 0 0.96	+ 3.3337	+ 0.0305	...	...	- 0.13
2968	...	Piazzi XII. 263 ...	...	7.2	66.11	4	13 0 3.88	+ 3.3011	+ 0.0209	...	...	+ 0.02
2969	4381	Muscæ ...	...	5.6	79.16	4	13 0 4.37	+ 3.8029	+ 0.0947	...	...	- 0.05
2970	4387	39 Comæ ...	...	6.1	79.12	5	13 0 15.62	+ 2.9330	- 0.0052	- 0.0067	- 0.04	...
2971	...	R.P.L. 100 ...	...	7.9	83.11	18	13 0 48.29	- 2.7558	+ 1.3464	...	...	...
2972	...	C.P.D. — 47°. 5806 ...	...	8.5	82.18	5	13 0 57.24	+ 3.4493	+ 0.0435	...	...	...
2973	4390	41 Comæ ...	...	4.9	78.94	5	13 1 10.78	+ 2.8823	- 0.0083	+ 0.0004	...	...
2974	4391	49 Virginis ...	...	5.2	79.18	5	13 1 20.95	+ 3.1350	+ 0.0105	- 0.0002	- 0.03	- 0.06
2975	...	C.Z. XIII. 93 ...	...	9.0	82.36	5	13 1 38.76	+ 3.7462	+ 0.0835	...	...	- 0.08

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2941	106 5 41.6	+ 19.549	- 0.111	...	...	...	...	...	...	...	...
2942	127 8 40.6	.544	.115	...	...	+ 3.0	...	...	...	...	17648
2943	143 42 9.7	.529	.122	...	...	+ 0.9	...	5974	7149	...	17670
2944	71 54 58.6	.526	.107	- 0.052	- 0.4	...	...	5976	...	1728	...
2945	93 8 14.8	.516	.111	- 0.010	+ 0.4	+ 1.1	...	5981	...	1729	17683
2946	160 52 29.9	.507	.143	+ 0.023	...	+ 3.8	5349	5980	7100	...	17693
2947	142 27 37.8	.505	.125	...	...	- 0.1	...	...	...	...	17698
2948	143 43 56.6	.502	.124	...	...	...	...	...	...	...	3193
2949	135 48 2.1	.499	.123	...	...	...	...	...	...	...	3201
2950	58 32 24.7	.494	.106	+ 0.001	- 0.5	...	...	5985	...	1738	...
2951	139 21 56.6	.474	.127	...	...	...	...	...	...	...	...
2952	32 57 34.1	.472	.098	+ 0.02	+ 0.2	...	...	5992	...	1736	...
2953	124 26 36.8	.466	.122	...	...	...	...	...	...	...	...
2954	78 22 6.5	.460	.114	- 0.032	- 0.7	...	...	5995	7178	1735	...
2955	138 51 14.9	.452	.130	...	...	- 0.7	5370	5997	7181	...	17747
2956	106 12 20.3	.451	.121	...	...	- 1.1	...	...	...	...	17749
2957	149 31 5.0	.450	.136	...	...	+ 3.3	...	...	...	...	17761
2958	113 16 6.1	.442	.122	...	...	...	...	...	...	...	...
2959	92 59 25.3	.428	.119	+ 0.018	+ 0.3	+ 1.2	...	6004	7188	1738	17772
2960	123 28 45.3	.425	.126	...	...	...	...	...	...	...	3388
2961	130 0 40.1	.422	.128	...	...	+ 1.8	5381	...	7192	...	17782
2962	124 32 15.7	.399	.120	...	...	- 0.8	...	...	...	...	17802
2963	124 26 29.2	.396	.129	...	...	+ 1.2	...	...	...	...	17808
2964	137 47 32.1	.393	.136	...	...	+ 0.5	5390	6013	7200	...	17811
2965	139 14 9.2	.380	.138	+ 0.025	...	- 0.7	5396	6018	7207	...	17826
2966	53 31 52.9	.374	.114	- 0.019	...	...	...	6027	...	1739	...
2967	127 4 21.6	.370	.134	...	...	+ 2.4	...	...	...	...	17836
2968	123 26 57.8	.370	.132	...	...	+ 1.4	5403	6025	7212	...	17838
2969	154 38 12.9	.368	.152	...	...	+ 1.0	5394	...	7213	...	17840
2970	68 10 32.2	.366	- 0.119	+ 0.053	+ 0.5	...	...	6030	...	1740	...
2971	3 26 32.0	.353	+ 0.027	...	...	...	...	...	...	...	...
2972	137 1 15.3	.350	- 0.140	...	...	...	...	...	...	...	60
2973	61 42 14.8	.343	.119	+ 0.084	...	...	...	6035	...	1743	...
2974	100 4 16.9	.340	.129	- 0.008	- 1.1	+ 1.2	...	6036	...	1742	17864
2975	152 12 14.2	+ 19.334	- 0.153	...	...	+ 3.0	...	...	...	...	17872

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
2976	4304	B.F. 1805 ... ..	5.0	79.13	5	13 2 1.51	+ 3.1214	+ 0.0096	...	+ 0.07	- 0.01
2977	4395	45 Hydræ ... ..	$\psi$ 5.1	78.60	5	13 2 19.41	+ 3.2206	+ 0.0182	- 0.0042	- 0.05	- 0.11
2978	4397	50 Virginis ... ..	6.3	67.52	5	13 3 12.76	+ 3.1342	+ 0.0104	- 0.0007	...	- 0.09
2979	...	Centauri ... ..	$\delta$ Var.	81.35	10	13 3 22.73	+ 3.5435	+ 0.0536	...	...	- 0.27
2980	4401	51 Virginis ... ..	$\theta$ 4.4	71.88	197	13 3 28.70	+ 3.1034	+ 0.0078	- 0.0038	- 0.05	- 0.08
2981	...	C.Z. XIII. 206 ... ..	8.2	82.19	5	13 3 39.74	+ 3.5928	+ 0.0598	...	...	...
2982	4106	42 Comæ ... ..	$\alpha$ 4.4	80.09	4	13 3 54.38	+ 2.9513	- 0.0033	- 0.0326	- 0.06	...
2983	4109	Brisbane 4353 ... ..	5.1	79.18	5	13 4 14.87	+ 3.4136	+ 0.0376	...	...	- 0.04
2984	4412	Brisbane 4354 ... ..	4.7	73.76	10	13 4 30.43	+ 3.6066	+ 0.0729	- 0.010	...	+ 0.11
2985	...	C.P.D. - 34°. 5555 ... ..	9.0	82.26	5	13 4 46.95	+ 3.3328	+ 0.0288	...	...	...
2986	4417	Centauri ... ..	$m$ 4.8	79.03	5	13 5 5.06	+ 3.3559	+ 0.0310	...	...	- 0.23
2987	...	C.P.D. - 48°. 5371 ... ..	9.2	67.18	5	13 5 10.38	+ 3.4923	+ 0.0459	...	...	...
2988	...	C.Z. XIII. 304 ... ..	9.0	68.14	5	13 5 14.89	+ 3.5754	+ 0.0560	...	...	...
2989	4418	53 Virginis ... ..	5.1	80.36	5	13 5 24.44	+ 3.1768	+ 0.0139	+ 0.0039	- 0.12	- 0.19
2990	4421	43 Comæ ... ..	$\beta$ 4.4	78.82	5	13 6 2.44	+ 2.8658	- 0.0079	- 0.0612	+ 0.10	...
2991	...	C.P.D. - 34°. 5567 ... ..	9.1	69.10	4	13 6 13.87	+ 3.3325	+ 0.0282	...	...	...
2992	4422	Brisbane 4370 ... ..	5.0	79.19	5	13 6 31.40	+ 3.6950	+ 0.0706	...	...	- 0.53
2993	...	Brisbane 4308 ... ..	7.0	68.17	5	13 6 39.83	+ 3.8221	+ 0.0880	...	...	- 0.09
2994	4426	Muscaræ ... ..	$\eta$ 4.9	80.37	5	13 6 48.36	+ 3.4876	+ 0.1139	- 0.004	...	+ 0.09
2995	...	Virginis ... ..	Var.	66.34	10	13 7 29.23	+ 3.1827	+ 0.0142	...	...	...
2996	4433	Canum Venat. ... ..	$m$ 5.0	78.76	5	13 8 2.43	+ 2.7344	- 0.0137	...	- 0.28	...
2997	...	C.P.D. - 49°. 5866 ... ..	9.8	66.48	7	13 8 18.23	+ 3.5373	+ 0.0493	...	...	...
2998	...	Groombridge 2906 (R.P.L. 101)	7.5	75.37	37	13 8 27.71	- 10.3431	+ 7.5389	...	...	...
2999	...	C.P.D. - 49°. 5878 ... ..	9.6	69.36	4	13 8 44.88	+ 3.5401	+ 0.0493	...	...	...
3000	...	C.Z. XIII. 550 ... ..	8.5	82.18	5	13 8 57.27	+ 3.6498	+ 0.0626	...	...	...
3001	4435	57 Virginis ... ..	5.4	78.96	5	13 9 13.21	+ 3.2113	+ 0.0163	+ 0.0195	...	- 0.22
3002	4437	Centauri ... ..	$r$ 5.5	79.40	5	13 9 56.72	+ 3.3121	+ 0.0251	+ 0.0028	...	- 0.18
3003	...	Brisbane 4384 ... ..	7.5	82.38	5	13 10 10.77	+ 3.8561	+ 0.0890	...	...	- 0.40
3004	...	C.P.D. - 39°. 5981 ... ..	8.8	65.14	5	13 10 23.05	+ 3.4113	+ 0.0346	...	...	...
3005	4442	58 Virginis ... ..	6.9	67.54	5	13 10 54.29	+ 3.1433	+ 0.0108	- 0.0075	+ 0.79	+ 0.02
3006	...	C.P.D. - 45°. 6339 ... ..	7.0	82.18	5	13 11 6.59	+ 3.4820	+ 0.0417	...	...	- 0.29
3007	...	C.P.D. - 45°. 6343 ... ..	9.5	82.28	5	13 11 32.23	+ 3.4831	+ 0.0416	...	...	...
3008	4449	61 Virginis ... ..	4.8	78.77	5	13 11 51.93	+ 3.2031	+ 0.0154	- 0.0762	- 0.13	- 0.18
3009	4451	20 Canum Venaticorum ... ..	4.7	79.11	4	13 11 56.03	+ 2.7104	- 0.0132	- 0.0115	...	...
3010	4450	46 Hydræ ... ..	$\gamma$ 3.4	77.32	5	13 12 7.65	+ 3.2137	+ 0.0187	+ 0.0037	- 0.05	- 0.11

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
2976	98 18 51.0	+ 19.325	- 0.130	...	- 1.0	+ 1.1	...	...	...	...	17883
2977	112 23 55.7	.317	.134	+ 0.040	- 1.1	- 0.8	...	6042	7224	1744	17889
2978	90 39 42.8	.296	.131	+ 0.019	...	0.0	...	6047	...	1746	17905
2979	112 14 27.5	.293	.149	...	...	- 2.3	5412	6046	7227	...	17910
2980	94 52 16.2	.290	.132	+ 0.028	- 0.3	+ 0.6	...	6050	7228	1747	17912
2981	144 50 44.2	.286	.152	...	...	...	...	...	...	...	206
2982	71 48 32.5	.280	.127	- 0.146	+ 0.9	...	...	6055	...	1748	...
2983	132 42 7.0	.271	.145	...	...	+ 0.2	5422	6056	7235	...	17929
2984	149 15 18.0	.265	.158	+ 0.03	...	+ 1.9	5418	6057	7236	...	17936
2985	124 57 5.1	.258	.144	...	...	...	...	...	...	...	276
2986	127 8 21.9	.251	.145	...	...	- 0.1	5429	6068	7243	...	17949
2987	138 14 4.8	.248	.150	...	...	...	...	...	...	...	299
2988	143 15 52.8	.247	.153	...	...	...	...	...	...	...	304
2989	105 31 22.7	.243	.138	+ 0.279	- 2.5	- 2.4	...	6069	...	1752	17955
2990	61 29 16.7	.228	.127	- 0.890	+ 0.8	...	...	6078	...	1755	...
2991	124 20 2.9	.223	.145	...	...	...	...	...	...	...	...
2992	148 26 5.8	.216	.162	...	...	+ 3.0	5437	6077	7253	...	17977
2993	152 55 6.0	.211	.166	...	...	+ 2.3	5434	...	7256	...	17983
2994	157 13 53.7	.209	.175	+ 0.02	...	+ 0.6	5433	...	7259	...	17989
2995	105 53 26.0	.191	.142	...	...	...	...	...	...	...	...
2996	49 11 3.5	.178	.125	...	- 1.2	...	...	6093	...	...	...
2997	139 49 43.2	.170	- 0.158	...	...	...	...	...	...	...	...
2998	1 40 48.7	.167	+ 0.436	...	...	...	...	...	...	...	...
2999	139 49 16.0	.158	- 0.159	...	...	...	...	...	...	...	...
3000	145 33 18.7	.153	.166	...	...	...	...	...	...	...	550
3001	109 16 38.1	.147	.147	+ 0.101	...	- 1.0	...	6098	...	1758	18045
3002	120 50 38.4	.127	.153	+ 0.000	...	+ 1.0	5466	6101	7260	...	18060
3003	152 47 25.1	.122	.178	...	...	+ 4.3	5461	...	7263	...	18068
3004	129 59 46.8	.116	.157	...	...	...	...	...	...	...	634
3005	99 53 12.1	.102	.147	- 0.082	- 0.7	+ 0.6	...	6117	...	1761	18088
3006	135 6 18.1	.097	.163	...	...	+ 2.1	5474	...	7291	...	18096
3007	135 1 28.4	.085	.164	...	...	...	...	...	...	...	...
3008	107 36 53.5	.077	.152	+ 1.055	- 1.9	- 0.1	...	6123	7295	1763	18112
3009	48 46 5.0	.075	.180	- 0.013	...	...	...	6126	...	1765	...
3010	112 30 40.8	+ 19.069	- 0.155	+ 0.032	- 1.1	- 0.2	...	6124	...	1764	18121



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Annual Proper Motion	Madras -	
										Grn. 1880.	C.G.A.
3011	...	C.P.D. - 40°. 6132 ...	6·9	65·57	5	h m s 13 12 50·72	+ 3·4296	+ 0·0353	...	...	+ 0·14
3012	4456	21 Canum Veneticorum ...	5·2	78·41	4	13 12 55·40	+ 2·5676	- 0·0170	- 0·0045	- 0·03	...
3013	...	C.P.D. - 33°. 3306 ...	8·2	64·95	5	13 13 29·81	+ 3·3460	+ 0·0273	...	...	- 0·13
3014	4458	Centauri ...	3·0	79·33	10	13 13 34·43	+ 3·3792	+ 0·0305	- 0·0305	...	- 0·21
3015	...	C.P.D. - 35°. 5725 ...	7·3	64·55	5	13 14 46·07	+ 3·3775	+ 0·0298	...	...	0·00
3016	...	Brisbane 4426 ...	7·2	66·70	6	13 14 49·17	+ 3·4096	+ 0·0328	...	...	+ 0·12
3017	...	C.P.D. - 35°. 5732 ...	9·0	82·21	4	13 15 10·01	+ 3·3742	+ 0·0295	...	...	...
3018	...	O.A.N. 13563 ...	7·5	73·95	10	13 15 46·18	+ 2·2537	- 0·0189	...	...	...
3019	...	B.D. - 18°. 3504 ...	9·3	79·32	5	13 16 12·57	+ 3·2173	+ 0·0160	...	...	...
3020	...	Brisbane 4433 ...	7·3	68·35	5	13 16 12·75	+ 3·4253	+ 0·0338	...	...	+ 0·12
3021	...	B.D. - 18°. 3596 ...	8·7	79·34	5	13 16 24·06	+ 3·2190	+ 0·0162	...	...	...
3022	...	Brisbane 4436 ...	7·0	82·28	5	13 16 26·42	+ 3·5454	+ 0·0456	...	...	- 0·23
3023	...	C.Z. XIII. 995 ...	8·5	67·75	5	13 16 28·56	+ 3·7040	+ 0·0629	...	...	...
3024	...	C.P.D. - 41°. 6321 ...	8·2	82·41	4	13 16 45·43	+ 3·4576	+ 0·0366	...	...	+ 0·07
3025	4477	65 Virginis ...	6·1	71·14	6	13 16 50·28	+ 3·1050	+ 0·0080	- 0·0035	...	- 0·08
3026	...	C.Z. XIII. 1039 ...	9·0	82·20	5	13 17 12·95	+ 3·7868	+ 0·0725	...	...	...
3027	...	C.P.D. - 38°. 5494 ...	9·5	68·15	5	13 17 44·58	+ 3·4226	+ 0·0331	...	...	...
3028	4478	66 Virginis ...	5·8	71·47	5	13 18 2·81	+ 3·1074	+ 0·0082	+ 0·0087	- 0·11	- 0·10
3029	4480	67 Virginis ( <i>Spica</i> )	1·2	70·62	160	13 18 36·51	+ 3·1556	+ 0·0116	- 0·0043	- 0·03	- 0·09
3030	4484	79 Ursae Majoris ( <i>1st</i> )	ζ	75·86	10	13 18 53·36	+ 2·4138	- 0·0171	+ 0·0138	+ 0·01	...
3031	4484	79 Ursae Majoris ( <i>2nd</i> )	ζ	75·98	10	13 18 54·14	+ 2·4138	- 0·0171	+ 0·0147	- 0·09	...
3032	...	O.A.S. 12862 ...	8·2	79·39	5	13 19 10·61	+ 3·2295	+ 0·0167	...	...	...
3033	...	Virginis ...	Var.	75·23	10	13 19 35·24	+ 3·0939	+ 0·0074	...	...	...
3034	...	C.Z. XIII. 1182 ...	7·5	71·15	5	13 19 41·74	+ 3·6881	+ 0·0587	...	...	- 0·11
3035	...	C.Z. XIII. 1184 ...	8·5	82·21	5	13 19 43·88	+ 3·6811	+ 0·0581	...	...	...
3036	4498	Groombridge 2007 ( <i>R.P.L. 103</i> )	7·3	76·75	38	13 19 44·18	- 2·6027	+ 0·9506	- 0·0734	...	...
3037	...	Radcliffe 3011 ...	8·5	70·12	4	13 19 52·51	+ 2·4067	- 0·0170	...	...	...
3038	...	O.A.S. 12872 ...	9·5	68·35	5	13 19 57·27	+ 3·3051	+ 0·0224	...	...	...
3039	4492	68 Virginis ...	5·5	78·42	5	13 20 7·05	+ 3·1700	+ 0·0125	- 0·0121	- 0·02	- 0·09
3040	4493	80 Ursae Majoris ...	g	72·37	4	13 20 12·95	+ 2·4016	- 0·0169	+ 0·0135	...	...
3041	...	C.Z. XIII. 1219 ...	9·0	69·18	5	13 20 21·75	+ 3·6933	+ 0·0589	...	...	- 0·11
3042	4494	69 Virginis ...	4·8	78·41	5	13 20 47·17	+ 3·1987	+ 0·0143	- 0·0106	- 0·10	- 0·08
3043	...	Virginis ...	Var.	72·85	10	13 21 21·03	+ 3·0927	+ 0·0073	...	...	+ 0·03
3044	4495	Centauri ...	K	79·33	5	13 21 45·89	+ 3·6390	+ 0·0525	...	...	- 0·53
3045	...	C.P.D. - 35°. 5780 ...	8·0	82·31	5	13 21 59·13	+ 3·4615	+ 0·0300	...	...	- 0·27

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras-		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3011	130 32 1.8	+ 19.049	- 0.163	...	...	+ 1.5	5485	6129	7299	...	18132
3012	30 30 31.7	.048	.125	+ 0.001	- 0.5	...	...	...	...	1767	...
3013	123 0 3.8	.032	.161	...	...	- 0.6	...	...	...	...	18147
3014	126 3 7.9	+ 19.030	.164	+ 0.094	...	- 0.1	5491	6138	7306	...	18149
3015	125 27 21.1	+ 18.996	.164	...	...	+ 1.0	5503	...	7321	...	18181
3016	128 11 48.5	.995	.166	...	...	+ 1.1	5502	6148	7323	...	18185
3017	125 2 31.8	.985	.167	...	...	...	...	...	...	...	915
3018	27 56 42.2	.967	.114	...	...	...	...	...	...	...	...
3019	108 23 26.5	.956	.161	...	...	...	...	...	...	...	...
3020	128 58 25.8	.955	.170	...	...	+ 1.2	5513	6160	7333	...	18213
3021	108 32 47.8	.951	.162	...	...	...	...	...	...	...	...
3022	137 14 8.9	.950	.177	...	...	+ 0.6	5512	6163	7335	...	18218
3023	145 16 19.5	.948	.183	...	...	...	...	...	...	...	995
3024	131 14 57.6	.940	.174	...	...	+ 1.9	...	...	...	...	18226
3025	94 16 12.7	.938	.157	+ 0.010	...	+ 2.0	...	6170	...	1772	18230
3026	148 15 53.2	.927	.191	...	...	...	...	...	...	...	1039
3027	128 12 54.5	.912	.173	...	...	...	...	...	...	...	...
3028	94 30 36.9	.903	.159	+ 0.022	+ 0.1	+ 0.4	...	6178	...	1773	18255
3029	100 30 29.4	.886	.163	+ 0.021	- 0.7	+ 0.2	...	6181	7352	1774	18262
3030	34 25 16.2	.878	.127	+ 0.024	- 0.3	...	...	6190	...	1776	...
3031	34 25 28.1	.877	.127	+ 0.034	- 0.7	...	...	6190	...	1776	...
3032	109 9 50.5	.870	.168	...	...	...	...	...	...	...	...
3033	92 43 41.1	.863	.162	...	...	...	...	...	...	...	...
3034	143 30 13.5	.854	.190	...	...	- 0.6	5534	...	7365	...	18291
3035	143 11 8.0	.853	- 0.191	...	...	...	...	...	...	...	1184
3036	4 35 32.3	.853	+ 0.121	...	...	...	...	...	...	...	...
3037	34 27 2.4	.848	- 0.127	...	...	...	...	6198	...	...	...
3038	116 59 52.8	.847	.172	...	...	...	...	...	...	...	1195
3039	102 3 23.4	.841	.166	+ 0.023	+ 0.3	+ 0.3	...	6196	7371	1775	18298
3040	34 21 36.6	.839	.128	+ 0.021	...	...	...	...	...	1779	...
3041	143 30 55.6	.834	.182	...	...	- 0.2	5546	...	7373	...	18302
3042	105 19 28.4	.821	.160	- 0.027	- 0.5	+ 0.3	...	6201	...	1778	18316
3043	92 31 28.0	.804	.164	...	...	+ 4.1	...	...	...	...	18324
3044	140 30 56.9	.792	.183	...	...	+ 0.3	5552	6206	7390	...	18332
3045	125 7 36.2	+ 18.785	- 0.182	...	...	+ 0.2	...	...	...	...	18342

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
3046	...	C.P.D. — 36°. 5938 ...	9.0	82.21	5	13 22 25.35	+ 3.4256	+ 0.0318	...	...	...
3047	...	C.P.D. — 22°. 5011 ...	9.0	71.88	5	13 22 25.55	+ 3.2674	+ 0.0191	...	...	...
3048	4501	Hydræ ... .. <i>K</i>	Var.	66.54	10	13 22 53.13	+ 3.2695	+ 0.0192	...	+ 0.08	+ 0.02
3049	4507	Centauri ... .. <i>d</i>	4.0	78.39	5	13 23 48.09	+ 3.4560	+ 0.0340	- 0.0041	...	- 0.10
3050	...	Anonymous ... .. <i>J08</i>	...	69.77	5	13 23 51.77	+ 3.0614	+ 0.0055	...	...	...
3051	4509	Lalande 24982 ... ..	7.2	78.76	5	13 23 58.72	+ 2.9006	- 0.0025	...	...	...
3052	...	C.P.D. — 38°. 5533 ...	8.8	68.03	6	13 25 25.51	+ 3.4554	+ 0.0334	...	...	...
3053	...	C.P.D. — 34°. 5696 ...	9.0	69.17	4	13 25 27.05	+ 3.4034	+ 0.0291	...	...	...
3054	4516	74 Virginis ... .. <i>γ</i>	4.9	73.68	9	13 25 28.04	+ 3.1200	+ 0.0091	- 0.0081	+ 0.01	+ 0.01
3055	...	C.P.D. — 36°. 5977 ...	7.2	82.42	5	13 25 38.96	+ 3.4296	+ 0.0312	...	...	- 0.17
3056	...	C.P.D. — 38°. 5540 ...	7.4	68.31	4	13 26 9.50	+ 3.4589	+ 0.0334	...	...	- 0.09
3057	...	Brisbane 4522 ... ..	8.0	68.80	5	13 26 18.61	+ 3.8862	+ 0.0761	...	...	+ 0.22
3058	4521	76 Virginis ... .. <i>h</i>	5.5	64.97	12	13 26 23.13	+ 3.1548	+ 0.0113	- 0.0044	+ 0.01	- 0.05
3059	...	Virginis ... .. <i>S</i>	Var.	64.64	10	13 26 28.40	+ 3.1289	+ 0.0096	...	...	...
3060	...	Brisbane 4526 ... ..	7.0	82.37	5	13 26 43.85	+ 4.0007	+ 0.0886	...	...	- 0.23
3061	...	Brisbane 4533 ... ..	7.5	82.18	5	13 27 7.56	+ 3.6666	+ 0.0522	...	...	- 0.32
3062	...	C.P.D. — 41°. 6394 ...	8.0	68.58	5	13 27 16.55	+ 3.5141	+ 0.0379	...	...	- 0.07
3063	4531	Virginis ... .. <i>Y</i>	Var.	74.29	10	13 28 1.82	+ 3.1839	+ 0.0130	0.000	0.00	- 0.03
3064	...	C.Z. XIII. 1704 ... ..	8.2	82.25	5	13 28 15.57	+ 3.7793	+ 0.0631	...	...	+ 0.20
3065	4532	79 Virginis ... .. <i>ζ</i>	3.5	71.46	175	13 28 19.47	+ 3.0718	+ 0.0064	- 0.0207	+ 0.01	...
3066	...	C.Z. XIII. 1720 ... ..	8.2	82.40	4	13 28 31.03	+ 4.0822	+ 0.0680	...	...	...
3067	4533	Brisbane 4544 ... ..	6.5	68.75	5	13 28 44.80	+ 3.9849	+ 0.0855	...	...	- 0.22
3068	4535	80 Virginis ... ..	5.8	75.50	10	13 29 1.14	+ 3.1144	+ 0.0088	- 0.0006	...	- 0.01
3069	...	Brisbane 4547 ... ..	7.2	70.48	7	13 29 2.43	+ 3.5217	+ 0.0381	...	...	- 0.11
3070	4538	24 Canum Venat. ... ..	4.8	78.39	5	13 29 20.52	+ 2.4740	- 0.0131	- 0.0134	0.00	...
3071	4539	Brisbane 4554 ... ..	6.3	77.47	9	13 29 50.51	+ 3.5972	+ 0.0443	...	...	- 0.34
3072	...	C.Z. XIII. 1816 ... ..	8.0	70.94	5	13 30 13.40	+ 4.0011	+ 0.0661	...	...	...
3073	...	C.P.D. — 38°. 5555 ...	8.0	67.77	5	13 30 35.12	+ 3.4783	+ 0.0337	...	...	+ 0.01
3074	4552	25 Canum Venat. ... ..	5.0	78.42	5	13 31 54.49	+ 2.6799	- 0.0086	...	+ 0.13	...
3075	4549	Centauri ... .. <i>ε</i>	2.6	79.35	10	13 31 58.60	+ 3.7609	+ 0.0588	- 0.0049	...	- 0.34
3076	...	C.Z. XIII. 1939 ... ..	8.0	82.32	3	13 32 12.36	+ 3.8873	+ 0.0717	...	...	- 0.02
3077	...	Melbourne I. 685 ... ..	9.5	82.49	4	13 33 14.25	+ 4.0480	+ 0.0890	...	...	- 0.28
3078	...	C.P.D. — 47°. 6143 ...	8.0	74.32	5	13 33 31.08	+ 3.6549	+ 0.0478	...	...	- 0.31
3079	...	C.P.D. — 39°. 6045 ...	7.8	67.64	4	13 33 36.68	+ 3.5035	+ 0.0349	...	...	- 0.09
3080	4558	Centauri ... .. <i>Q</i>	6.2	78.42	5	13 33 45.14	+ 3.8021	+ 0.0619	...	...	- 0.11

3048.—Red

3063.—Mag. 5.5 to 8.0

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras-		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3046	126 54 43.0	+ 18.772	- 0.184	...	...	...	...	...	...	...	...
3047	112 31 22.5	.771	.175	...	...	...	...	...	...	...	...
3048	112 38 4.4	.757	.176	...	+ 0.8	+ 1.2	...	...	...	...	18361
3049	128 45 40.0	.729	.188	+ 0.018	...	+ 1.2	5569	6228	7405	...	18376
3050	88 41 40.4	.726	.167	...	...	...	...	...	...	...	...
3051	70 17 43.8	.723	.160	...	...	...	...	6235	...	...	...
3052	128 12 7.3	.677	.190	...	...	...	...	...	...	...	...
3053	124 12 32.7	.676	.188	...	...	...	...	...	...	...	18364
3054	96 36 34.5	.676	.174	+ 0.030	- 0.2	- 1.7	...	6253	...	1784	18417
3055	126 12 40.1	.670	.191	...	...	0.0	...	...	...	...	18424
3056	128 13 43.9	.654	.192	...	...	+ 2.2	...	...	...	...	18437
3057	148 51 40.1	.648	.215	...	...	+ 1.0	5575	6257	7428	...	18442
3058	99 31 12.7	.616	.176	+ 0.023	- 0.5	+ 0.3	...	6264	...	1786	18445
3059	96 33 5.9	.643	.175	...	...	...	...	...	...	...	...
3060	151 59 17.7	.635	.224	...	...	+ 2.2	5576	6262	7432	...	18453
3061	140 8 58.9	.623	.206	...	...	+ 0.7	...	6268	...	...	18462
3062	131 38 37.0	.617	.197	...	...	+ 0.4	...	...	...	...	18464
3063	102 34 21.3	.593	.182	+ 0.05	- 0.3	+ 0.5	...	6273	7437	...	18477
3064	144 36 59.5	.586	.215	...	...	+ 0.5	...	...	...	...	18481
3065	89 57 22.6	.584	.176	- 0.048	+ 0.7	...	...	6282	7441	1789	...
3066	153 28 52.1	.579	.232	...	...	...	...	...	...	...	1780
3067	151 2 54.1	.567	.226	...	...	+ 0.5	5589	6280	7446	...	18492
3068	94 45 32.1	.561	.180	- 0.096	...	+ 2.2	...	6286	...	1790	18495
3069	131 46 33.1	.550	.203	...	...	+ 0.5	...	6283	7447	...	18496
3070	40 20 33.5	.550	.145	- 0.011	- 0.1	...	...	6298	...	1791	...
3071	135 47 18.3	.533	.208	...	...	+ 1.1	5600	6294	7453	...	18509
3072	151 6 0.2	.520	.231	...	...	...	...	...	...	...	18516
3073	123 15 31.4	.508	.202	...	...	+ 1.4	5614	...	7466	...	18529
3074	53 4 6.6	.463	.161	...	- 0.5	...	...	...	...	...	...
3075	142 49 46.9	.461	.223	+ 0.031	...	+ 0.1	5618	6317	7478	...	18559
3076	147 17 27.4	.453	.230	...	...	+ 3.1	...	...	...	...	18564
3077	151 32 11.8	.417	.242	...	...	+ 1.8	...	...	...	...	18579
3078	137 41 4.2	.408	.219	...	...	+ 2.3	...	...	...	...	18582
3079	129 4 59.2	.404	.210	...	...	+ 0.7	...	...	...	...	18584
3080	143 55 31.4	+ 18.400	- 0.229	...	...	+ 3.5	5632	...	7491	...	18587

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
3081	...	C.P.D. - 33°. 3459 ...	7.3	68.38	5	13 33 51.12	+ 3.4289	+ 0.0291	...	...	- 0.25
3082	...	C.P.D. - 42°. 6357 ...	8.5	82.39	5	13 34 25.38	+ 3.5635	+ 0.0396	...	...	...
3083	...	Brisbane 4592 ...	7.0	82.39	5	13 34 32.90	+ 3.5636	+ 0.0396	...	...	- 0.16
3084	...	C.P.D. - 39°. 6040 ...	9.7	68.20	5	13 34 41.55	+ 3.5104	+ 0.0351	...	...	...
3085	4565	82 Virginis ...	m	69.04	5	13 35 3.09	+ 3.1487	+ 0.0108	- 0.0085	- 0.05	- 0.13
3086	...	C.P.D. - 36°. 6090 ...	8.5	82.20	5	13 35 10.33	+ 3.4740	+ 0.0323	...	...	- 0.07
3087	...	C.P.D. - 46°. 6463 ...	8.0	74.30	5	13 35 17.44	+ 3.6384	+ 0.0457	...	...	...
3088	...	C.P.D. - 36°. 6093 ...	8.5	82.27	5	13 35 18.76	+ 3.4776	+ 0.0324	...	...	- 0.21
3089	...	C.P.D. - 46°. 6464 ...	9.0	74.31	5	13 35 20.72	+ 3.6460	+ 0.0463	...	...	...
3090	...	B.D. + 0°. 8090 ...	9.0	72.57	5	13 35 33.20	+ 3.0673	+ 0.0065	...	...	...
3091	4568	83 Ursae Majoris ...	4.8	78.30	5	13 35 59.72	+ 2.2865	- 0.0122	- 0.0062	0.00	...
3092	...	C.P.D. - 47°. 6169 ...	8.5	75.22	5	13 36 11.90	+ 3.6570	+ 0.0168	...	...	- 0.03
3093	...	C.P.D. - 38°. 5572 ...	9.0	67.00	5	13 36 21.62	+ 3.5004	+ 0.0338	...	...	- 0.12
3094	...	O.A.S. 13079 ...	9.0	68.18	5	13 36 28.45	+ 3.3400	+ 0.0229	...	...	- 0.08
3095	...	B.D. + 0°. 3091 ...	9.3	73.87	4	13 36 31.01	+ 3.0688	+ 0.0065	...	...	...
3096	...	C.P.D. - 38°. 5575 ...	9.2	67.67	4	13 36 53.14	+ 3.5031	+ 0.0339	...	...	...
3097	...	C.Z. XIII. 2244 ...	9.0	67.97	5	13 37 13.56	+ 3.8494	+ 0.0642	...	...	- 0.03
3098	...	Brisbane 4697 ...	7.5	68.18	5	13 37 21.67	+ 3.9410	+ 0.0733	...	...	+ 0.07
3099	...	Brisbane 4308 ...	7.0	71.18	6	13 37 37.95	+ 4.1036	+ 0.0909	...	...	- 0.11
3100	...	Brisbane 4613 ...	7.2	74.92	5	13 37 44.00	+ 3.6899	+ 0.0401	...	...	- 0.20
3101	...	O.A.S. 13100 ...	8.8	69.79	5	13 37 50.64	+ 3.3545	+ 0.0231	...	...	...
3102	4573	Brisbane 4611 ...	7.0	68.35	5	13 37 53.67	+ 4.1262	+ 0.0933	+ 0.014	...	+ 0.04
3103	...	C.P.D. - 33°. 3485 ...	9.6	68.96	5	13 38 8.32	+ 3.4147	+ 0.0292	...	...	...
3104	...	C.P.D. - 38°. 5585 ...	8.0	67.78	5	13 38 9.94	+ 3.5176	+ 0.0346	...	...	- 0.10
3105	...	Brisbane 4617 ...	6.8	70.74	5	13 38 29.05	+ 4.1182	+ 0.0920	...	...	- 0.07
3106	4579	1 Centauri ...	4.2	78.40	5	13 38 35.10	+ 3.4261	+ 0.0278	- 0.0392	...	- 0.36
3107	4580	Centauri ...	M	78.48	5	13 38 45.26	+ 3.7570	+ 0.0546	+ 0.0011	...	- 0.23
3108	...	C.P.D. - 32°. 3482 ...	8.5	67.76	5	13 38 51.60	+ 3.4330	+ 0.0283	...	...	...
3109	4585	86 Virginis ...	6.0	70.10	5	13 39 16.69	+ 3.1896	+ 0.0130	- 0.0028	- 0.07	- 0.10
3110	...	C.Z. XIII. 2387 ...	9.0	68.75	5	13 39 19.66	+ 4.1658	+ 0.0964	...	...	...
3111	...	C.P.D. - 48°. 5828 ...	9.0	75.07	5	13 39 48.58	+ 3.7185	+ 0.0507	...	...	...
3112	...	C.P.D. - 48°. 5833 ...	8.5	74.69	5	13 40 4.58	+ 3.7121	+ 0.0500	...	...	- 0.16
3113	...	C.P.D. - 35°. 5960 ...	7.0	82.42	5	13 40 25.77	+ 3.4841	+ 0.0316	...	...	...
3114	...	C.P.D. - 39°. 6078 ...	9.0	66.98	5	13 41 9.29	+ 3.5423	+ 0.0356	...	...	...
3115	4597	4 Boötis ...	7	82.13	55	13 41 19.31	+ 2.8855	- 0.0007	- 0.0354	0.00	...

3102.—P. M. Stone

3105.—Red

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3081	123 49 26.6	+ 18.395	- 0.207	...	...	- 0.3	5639	...	7493	...	18591
3082	132 32 33.6	.377	.216	...	...	...	...	...	7600	...	2070
3083	132 30 50.8	.372	.217	...	...	+ 1.8	5641	6338	7502	...	18608
3084	129 13 20.0	.367	.212	...	...	...	...	...	...	...	...
3085	98 4 16.8	.354	.192	- 0.046	- 0.5	- 0.2	...	6347	7506	1796	18613
3086	126 44 40.3	.350	.212	...	...	+ 3.5	...	...	...	...	18617
3087	136 21 30.8	.346	.222	...	...	...	...	...	...	...	2126
3088	126 53 16.1	.345	.213	...	...	+ 2.7	...	...	...	...	18621
3089	136 43 29.6	.344	.223	...	...	...	...	...	...	...	2130
3090	89 28 54.7	.336	.189	...	...	...	...	...	...	...	...
3091	34 41 4.4	.321	.144	+ 0.003	- 2.1	...	...	6372	...	1802	...
3092	137 1 43.8	.313	.225	...	...	+ 3.5	...	...	...	...	18437
3093	128 6 48.8	.307	.215	...	...	0.0	...	...	...	...	18643
3094	116 51 59.3	.304	.207	...	...	+ 0.1	...	...	...	...	18649
3095	89 38 20.1	.302	.191	...	...	...	...	...	...	...	...
3096	128 8 42.8	.288	.216	...	...	...	...	...	...	...	2224
3097	144 41 40.2	.276	.237	...	...	+ 1.6	...	...	...	...	18661
3098	147 36 49.6	.271	.243	...	...	+ 2.8	...	6363	7527	...	18663
3099	151 49 25.5	.262	.253	...	...	+ 1.8	5657	6366	7528	...	18668
3100	138 9 50.5	.258	.231	...	...	+ 1.3	5661	6369	7529	...	18672
3101	117 1 2.7	.254	.210	...	...	...	...	...	...	...	2224
3102	152 16 55.4	.252	.255	+ 0.05	...	+ 2.0	5659	...	7532	...	18679
3103	128 51 24.0	.243	.215	...	...	...	...	...	...	...	...
3104	128 43 38.0	.243	.220	...	...	+ 1.7	...	...	...	...	18687
3105	151 57 46.5	.231	.257	...	...	+ 2.4	5660	6374	7535	...	18694
3106	122 24 38.4	.228	.216	+ 0.154	...	- 0.3	5668	6378	7536	1803	18696
3107	140 48 14.2	.221	.237	+ 0.032	...	- 0.4	5664	6376	7538	...	18700
3108	122 50 25.1	.217	.216	...	...	...	...	...	...	...	2362
3109	101 47 57.3	.202	.202	- 0.018	- 1.6	+ 0.6	...	6387	...	1805	18711
3110	152 49 22.1	.200	.261	...	...	...	...	...	...	...	2387
3111	138 53 29.8	.183	.237	...	...	...	...	...	...	...	2414
3112	138 32 18.5	.173	.237	...	...	+ 2.5	...	...	...	...	18724
3113	125 58 47.8	.159	.224	...	...	...	...	...	...	...	...
3114	129 27 21.1	.138	.228	...	...	...	...	...	...	...	...
3115	71 55 10.5	+ 18.126	- 0.188	- 0.043	+ 0.1	...	...	6406	7553	1810	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
3116	4601	Centauri ... .. $\nu$	3.5	79.36	10	13 42 0.78	+ 3.5736	+ 0.0379	...	...	- 0.19
3117	4602	Centauri ... .. $\mu$	3.3	79.37	10	13 42 5.58	+ 3.5881	+ 0.0390	- 0.0051	...	- 0.13
3118	4603	2 Centauri .. .. $g$	4.3	78.41	5	13 42 12.43	+ 3.4586	+ 0.0295	- 0.0047	- 0.09	- 0.23
3119	4607	85 Ursæ Majoris ( <i>Bene/nasch</i> ) $\eta$	2.0	75.42	35	13 42 36.75	+ 2.3839	- 0.0103	- 0.0131	- 0.04	...
3120	...	Lalande 25463 ... ..	8.8	63.32	3	13 42 48.80	+ 2.8022	- 0.0032	...	...	...
3121	4608	80 Virginis ... ..	5.2	67.38	5	13 43 4.89	+ 3.2557	+ 0.0164	- 0.0082	- 0.06	- 0.06
3122	4615	5 Boötis ... .. $\nu$	4.1	78.82	5	13 43 26.78	+ 2.9003	0.0000	- 0.0093	- 0.09	...
3123	...	Brisbane 4649 ... ..	7.8	82.26	5	13 43 39.42	+ 4.2060	+ 0.0970	...	...	- 0.18
3124	...	C.Z. XIII. 2660 ... ..	8.5	82.30	4	13 43 40.67	+ 4.2081	+ 0.0973	...	...	- 0.11
3125	...	C.P.D. - 33°. 3511 ... ..	8.5	64.78	5	13 43 52.35	+ 3.4549	+ 0.0287	...	...	- 0.03
3126	...	C.P.D. - 33°. 3512 ... ..	8.5	65.58	5	13 44 2.15	+ 3.4570	+ 0.0288	...	...	...
3127	4616	Centauri ... .. $\nu$	5.4	78.97	5	13 44 2.20	+ 3.8277	+ 0.0583	...	...	- 0.35
3128	...	O.A.S. 13186 ... ..	8.5	67.73	5	13 44 22.24	+ 3.3721	+ 0.0233	...	...	+ 0.10
3129	4623	3 Centauri ( <i>Ist</i> ) ... .. $k$	4.4	78.98	5	13 44 36.88	+ 3.4458	+ 0.0280	- 0.0043	- 0.21	- 0.08
3130	...	C.P.D. - 38°. 5622 ... ..	8.5	64.98	5	13 44 54.00	+ 3.5338	+ 0.0341	...	...	...
3131	...	O.A.S. 13198 ... ..	9.2	67.94	5	13 45 24.86	+ 3.3777	+ 0.0234	...	...	...
3132	...	C.P.D. - 43°. 6319 ... ..	9.0	82.39	5	13 45 26.10	+ 3.6304	+ 0.0412	...	...	...
3133	4626	Rumker 360 ... ..	7.2	78.38	5	13 45 59.87	+ 4.1360	+ 0.0873	...	...	+ 0.04
3134	4629	4 Centauri ... .. $h$	4.7	78.79	5	13 46 1.08	+ 3.4351	+ 0.0270	- 0.0031	- 0.12	- 0.09
3135	...	C.P.D. - 38°. 5633 ... ..	8.0	75.53	8	13 46 2.37	+ 3.5459	+ 0.0346	...	...	- 0.02
3136	...	C.P.D. - 38°. 5634 ... ..	9.8	70.62	7	13 46 9.99	+ 3.5464	+ 0.0346	...	...	...
3137	...	C.P.D. - 32°. 3524 ... ..	8.4	65.15	5	13 46 20.43	+ 3.4603	+ 0.0286	...	...	...
3138	...	C.P.D. - 37°. 5861 ... ..	8.5	82.40	5	13 47 25.36	+ 3.5325	+ 0.0333	...	...	...
3139	4638	Centauri ... .. $\zeta$	2.8	79.37	10	13 47 45.04	+ 3.7142	+ 0.0469	- 0.0090	...	- 0.05
3140	4646	10 Draconis ... .. $i$	4.7	78.79	5	13 47 46.73	+ 1.7525	- 0.0004	+ 0.0004	- 0.17	...
3141	...	Virginis ... .. $X$	Var.	68.87	8	13 47 47.55	+ 2.9470	+ 0.0022	...	...	...
3142	...	C.P.D. - 35°. 6025 ... ..	9.0	82.38	5	13 48 15.43	+ 3.5016	+ 0.0310	...	...	...
3143	4647	Piazzi XIII. 238 ... ..	6.4	73.32	5	13 48 24.83	+ 3.1518	+ 0.0109	- 0.0139	- 0.16	- 0.04
3144	...	Brisbane 4686 ... ..	7.0	67.20	6	13 48 29.79	+ 4.2126	+ 0.0930	...	...	+ 0.19
3145	4648	8 Boötis ... .. $\eta$	2.9	71.47	172	13 48 43.95	+ 2.8616	- 0.0006	- 0.0055	0.00	...
3146	...	Brisbane 4701 ... ..	7.8	82.44	5	13 49 52.65	+ 3.7197	+ 0.0465	...	...	- 0.17
3147	...	C.P.D. - 52°. 6876 ... ..	8.0	83.28	5	13 49 53.56	+ 3.6630	+ 0.0584	...	...	- 0.09
3148	4658	Centauri ... .. $\phi$	4.0	77.37	5	13 50 40.76	+ 3.6212	+ 0.0388	- 0.0042	...	- 0.10
3149	...	C.Z. XIII. 8120 ... ..	8.0	75.20	9	13 50 44.99	+ 4.1462	+ 0.0843	...	...	...
3150	...	C.P.D. - 38°. 3544 ... ..	7.8	67.70	6	13 50 49.92	+ 3.4882	+ 0.0205	...	...	+ 0.02

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Solar Variation 1875-0	Proper Motion	Madras —		Lacaille	Taylor	Cape 1880	Answers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3116	131 3 50.6	+ 18.101	- 0.233	...	...	+ 1.8	5683	6410	7552	...	18772
3117	131 51 1.0	.098	.234	+ 0.013	...	+ 1.4	5684	6412	7553	...	18773
3118	123 49 32.4	.093	.227	+ 0.003	- 2.4	+ 0.7	5683	6415	7565	1807	18779
3119	40 3 43.5	.078	.159	+ 0.017	- 0.5	...	...	6420	...	1815	...
3120	65 1 3.2	.070	.184	...	...	...	...	...	...	...	...
3121	107 30 37.6	.059	.213	+ 0.030	- 1.0	- 1.0	...	6419	...	1811	18793
3122	73 34 51.9	.046	.193	- 0.042	- 0.8	...	...	6425	...	1813	...
3123	152 44 10.1	.038	.276	...	...	+ 1.5	...	...	7574	...	18803
3124	152 46 35.6	.037	.276	...	...	+ 2.7	...	...	7575	...	18804
3125	123 9 50.5	.030	.227	...	...	+ 0.3	...	...	...	...	18811
3126	123 16 23.2	.023	.228	...	...	...	...	...	...	...	2692
3127	142 11 24.4	.023	.253	...	...	- 1.4	5700	6424	7579	...	18817
3128	117 0 47.4	.010	.224	...	...	+ 1.7	...	...	...	...	18827
3129	122 22 21.7	+ 18.001	.230	+ 0.017	- 2.7	- 1.3	5708	6437	7587	1814	18833
3130	128 0 1.9	+ 17.900	.235	...	...	...	...	...	...	...	2752
3131	117 13 50.0	.970	.226	...	...	...	...	...	...	...	...
3132	133 14 28.4	.970	.243	...	...	...	...	...	...	...	2735
3133	150 43 4.9	.948	.277	...	...	+ 3.4	...	...	7000	...	18852
3134	121 18 33.3	.947	.232	0.000	- 0.2	- 0.8	5725	6445	7596	1817	18855
3135	128 26 23.1	.946	.238	...	...	+ 2.2	...	...	...	...	18856
3136	124 26 29.4	.941	.238	...	...	...	...	...	...	...	...
3137	122 57 49.6	.934	.233	...	...	...	...	...	...	...	...
3138	127 18 35.3	.892	.240	...	...	...	...	...	...	...	...
3139	136 40 19.2	.879	.251	+ 0.043	...	+ 1.0	5737	6461	7623	...	18897
3140	24 39 30.1	.877	.124	+ 0.008	...	- 1.5	...	6474	...	1823	...
3141	78 19 10.2	.877	.202	...	...	...	...	...	...	...	...
3142	125 12 58.9	.858	.240	...	...	...	...	...	...	...	2966
3143	97 26 33.7	.852	.217	0.00	- 0.4	+ 4.3	...	6473	...	1820	18914
3144	151 52 25.8	.848	.286	...	...	+ 2.0	5731	...	7636	...	18916
3145	70 58 29.9	.839	.199	+ 0.347	+ 0.2	...	...	6476	7638	1821	...
3146	136 23 47.9	.793	.258	...	...	+ 0.4	5760	...	7649	...	18944
3147	142 2 57.2	.793	.298	...	...	- 0.9	...	...	...	...	18946
3148	131 20 20.9	.761	.264	+ 0.031	...	+ 0.7	5768	6491	7655	...	18960
3149	149 57 28.7	.758	.287	...	...	...	...	...	...	...	3120
3150	123 47 0.7	+ 17.755	- 0.243	...	...	+ 1.2	...	...	7653	...	18966



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
3151	4656	9 Bootis ... ..	5.1	78.42	5	13 50 51.62	+ 2.7401	- 0.0037	+ 0.0010	- 0.06	...
3152	4654	Centauri ... ..	v <sup>1</sup> 4.0	78.43	5	13 50 58.11	+ 3.6772	+ 0.0428	...	...	- 0.06
3153	...	C.Z. XIII. 3141 ...	7.5	82.33	3	13 51 6.54	+ 4.2527	+ 0.0953	...	...	- 0.19
3154	...	C.P.D. - 33°. 3545 ...	7.8	69.96	5	13 51 18.92	+ 3.4899	+ 0.0295	...	...	- 0.08
3155	...	C.P.D. - 36°. 6215 ...	8.0	82.24	5	13 51 43.27	+ 3.5438	+ 0.0330	...	...	- 0.22
3166	...	Anonymous ... ..	10.0	71.17	5	13 52 4.51	+ 3.2832	+ 0.0173	...	...	...
3157	...	C.Z. XIII. 3250 ...	8.0	69.38	5	13 53 0.86	+ 4.2410	+ 0.0920	...	...	...
3158	...	C.P.D. - 38°. 5679 ...	9.6	71.10	5	13 53 5.18	+ 3.5684	+ 0.0343	...	...	...
3159	...	Brisbane 4720 ... ..	7.6	82.31	5	13 53 26.22	+ 3.6767	+ 0.0419	...	...	- 0.35
3160	...	C.P.D. - 45°. 6658 ...	8.5	68.38	5	13 53 48.77	+ 3.7258	+ 0.0453	...	...	...
3161	4668	Centauri ... ..	v <sup>2</sup> 4.5	78.41	5	13 53 56.21	+ 3.7097	+ 0.0442	- 0.006	...	- 0.18
3162	4669	Centauri ... ..	β 0.8	74.39	18	13 55 1.13	+ 4.1759	+ 0.0841	- 0.0061	...	- 0.32
3163	...	Lalande 25759 ... ..	6.8	63.36	5	13 55 12.90	+ 2.8045	- 0.0016	...	...	...
3164	4671	Hydra ... ..	λ 5.7	78.40	5	13 55 16.35	+ 3.8981	+ 0.0233	...	- 0.11	- 0.17
3165	4672	93 Virginis ... ..	τ 4.4	72.12	160	13 55 17.14	+ 3.0480	+ 0.0064	- 0.0002	+ 0.01	...
3166	...	Yarnall 5907 ... ..	7.8	82.32	5	13 56 37.96	+ 3.5571	+ 0.0328	...	...	- 0.14
3167	...	Yarnall 5908 ... ..	7.2	82.36	3	13 56 40.16	+ 3.5571	+ 0.0328	...	...	- 0.11
3168	...	C.Z. XIII. 3481 ... ..	7.5	82.36	5	13 56 50.73	+ 4.2656	+ 0.0818	...	...	- 0.12
3169	...	C.P.D. - 44°. 6633 ...	8.5	82.42	5	13 56 51.40	+ 3.7176	+ 0.0438	...	...	0.00
3170	...	B.D. + 0°. 3128 ... ..	8.5	85.36	5	13 56 59.79	+ 3.0724	+ 0.0075	...	...	...
3171	...	Brisbane 4751 ... ..	7.4	68.40	5	13 57 52.83	+ 4.3547	+ 0.0996	...	...	- 0.02
3172	4681	Centauri ... ..	χ 4.6	78.42	5	13 58 25.33	+ 3.6379	+ 0.0377	...	...	- 0.14
3173	...	Lalande 25863 ... ..	9.0	85.37	5	13 58 50.60	+ 3.0758	+ 0.0077	...	...	...
3174	...	C.P.D. - 39°. 6195 ...	8.4	68.98	5	13 58 54.25	+ 3.6166	+ 0.0361	...	...	...
3175	...	W.B.E. XIII. 1023 ...	9.0	74.01	10	13 59 9.59	+ 3.2147	+ 0.0135	...	...	...
3176	4685	49 Hydræ ... ..	π 3.5	78.40	5	13 59 15.32	+ 3.3075	+ 0.0227	+ 0.0015	- 0.11	- 0.11
3177	4686	5 Centauri ... ..	θ 1.7	79.36	10	13 59 19.69	+ 3.5511	+ 0.0318	- 0.0459	- 0.03	- 0.08
3178	4688	94 Virginis ... ..	...	74.85	8	13 59 40.68	+ 3.1694	+ 0.0115	- 0.0032	- 0.08	- 0.10
3179	4690	95 Virginis ... ..	...	71.31	10	14 0 6.20	+ 3.1748	+ 0.0118	- 0.0122	- 0.08	- 0.04
3180	...	Lalande 25896 ... ..	6.5	64.33	6	14 0 24.94	+ 2.7909	- 0.0023	...	...	...
3181	...	C.Z. XIV. 53 ... ..	8.2	67.36	5	14 0 47.99	+ 4.2364	+ 0.0853	...	...	+ 0.10
3182	4696	11 Draconis ... ..	α 3.6	79.41	10	14 1 0.19	+ 1.6296	+ 0.0048	- 0.0091	- 0.15	...
3183	...	Anonymous ... ..	9.8	69.96	5	14 1 8.71	+ 4.2889	+ 0.0897	...	...	...
3184	...	W.B.E. XIII. 1070 ...	8.2	74.05	10	14 1 41.85	+ 3.2157	+ 0.0134	...	...	+ 0.04
3185	...	Brisbane 4782 ... ..	7.5	72.70	10	14 2 1.32	+ 3.5350	+ 0.0302	...	...	+ 0.01

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3151	61 53 42.1	+ 17.753	- 0.194	+ 0.055	+ 2.9	...	...	6497	...	1826	...
3152	134 11 33.0	.749	.258	...	...	+ 1.8	5770	6493	7661	...	18968
3153	152 10 22.0	.743	.297	...	...	+ 0.3	5762	...	7663	...	18971
3154	123 47 11.2	.735	.244	...	...	+ 0.5	...	...	7666	...	18974
3155	126 59 8.4	.719	.250	...	...	+ 1.2	...	...	...	...	18983
3156	108 33 54.7	.703	.232	...	...	...	...	...	...	...	...
3157	151 33 52.6	.665	.299	...	...	...	...	...	...	...	3250
3158	128 4 40.6	.662	.253	...	...	...	...	...	...	...	...
3159	133 35 23.6	.648	.263	...	...	+ 1.6	5779	6513	7680	...	19018
3160	135 44 5.1	.631	.265	...	...	...	...	...	...	...	3304
3161	134 59 48.3	.627	.266	+ 0.04	...	+ 0.1	5782	6521	7687	...	19027
3162	149 46 8.9	.581	.301	+ 0.049	...	+ 2.6	5784	6527	7691	...	19043
3163	67 25 0.2	.572	.222	...	...	...	...	...	...	...	...
3164	116 49 29.8	.571	.247	...	- 0.9	- 0.9	5788	6531	7683	...	19046
3165	87 50 58.9	.570	.222	+ 0.018	+ 0.3	...	...	6532	7692	1829	...
3166	126 40 52.6	.513	.261	...	...	+ 3.0	5798	...	...	...	19071
3167	126 39 42.6	.512	.261	...	...	+ 2.8	5798	...	7690	...	19073
3168	151 19 57.0	.504	.312	...	...	+ 1.4	...	...	...	...	19075
3169	134 41 12.2	.504	.273	...	...	+ 1.9	...	...	...	...	19076
3170	90 1 29.8	.498	.228	...	...	...	...	...	...	...	...
3171	152 50 47.7	.459	.318	...	...	+ 2.9	5794	...	7707	...	19096
3172	130 34 47.2	.437	.269	...	...	+ 1.6	5810	6554	7710	...	19107
3173	90 18 58.3	.418	.230	...	...	...	...	...	...	...	...
3174	129 23 16.2	.416	.268	...	...	...	...	...	...	...	...
3175	102 6 13.4	.404	.240	...	...	...	...	...	...	...	...
3176	116 4 45.2	.401	.253	+ 0.146	- 1.2	+ 0.9	5821	6562	7718	1832	19128
3177	125 45 16.5	.397	.265	+ 0.324	+ 0.2	+ 2.8	5820	6563	7719	1831	19129
3178	98 17 38.7	.382	.237	- 0.012	- 0.2	+ 0.4	...	6568	7724	1833	19141
3179	98 42 57.9	.363	.238	- 0.015	+ 0.3	+ 1.4	...	6569	...	1834	19152
3180	67 14 4.6	.348	.210	...	...	...	...	...	...	...	...
3181	149 59 12.5	.332	.315	...	...	+ 2.9	...	6570	7732	...	19165
3182	25 1 33.3	.324	.127	- 0.010	- 1.0	...	...	6588	...	1836	...
3183	150 54 17.3	.317	.320	...	...	...	...	...	...	...	...
3184	101 58 13.9	.293	.245	...	...	+ 0.8	...	6583	...	...	19181
3185	134 17 15.0	+ 17.278	- 0.298	...	...	+ 0.3	...	6585	7738	...	19186

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
3186	...	Groombridge 2099 ( <i>R.P.L. 108</i> )	7.3	76.72	38	14 2 20.91	- 7.6221	+ 2.4181	...	+ 1.25	...	
3187	...	C.P.D. — 34°. 5997	9.2	69.17	5	14 2 41.13	+ 3.5379	+ 0.0302	...	...	...	
3188	...	C.P.D. — 39°. 6225	8.5	67.40	5	14 3 5.91	+ 3.6288	+ 0.0357	...	...	...	
3189	...	B.D. — 11°. 3677	9.0	74.90	10	14 3 7.28	+ 3.2153	+ 0.0134	...	...	...	
3190	4700	Brisbane 4797	5.2	78.44	5	14 4 1.05	+ 3.2659	+ 0.0156	...	+ 0.05	+ 0.06	
3191	...	C.P.D. — 40°. 6472	9.5	82.32	5	14 4 3.26	+ 3.6604	+ 0.0375	...	...	...	
3192	...	C.P.D. — 45°. 6721	8.5	82.38	4	14 4 5.94	+ 3.7801	+ 0.0457	...	...	...	
3193	...	Boötis ...	Var.	69.37	10	14 4 5.09	+ 2.9451	+ 0.0035	...	...	...	
3194	...	Brisbane 4802	7.2	83.32	5	14 5 11.38	+ 3.6770	+ 0.0383	...	...	- 0.23	
3195	...	B.D. — 12°. 3996	9.4	75.11	10	14 5 23.27	+ 3.2221	+ 0.0136	...	...	...	
3196	4708	50 Hydræ ...	5.2	78.44	5	14 5 36.43	+ 3.4221	+ 0.0232	- 0.0019	...	- 0.19	
3197	...	C.P.D. — 39°. 6237	8.5	69.98	5	14 5 43.97	+ 3.6448	+ 0.0362	...	...	...	
3198	...	Brisbane 4806	7.0	73.79	10	14 5 52.25	+ 4.3376	+ 0.0912	...	...	- 0.13	
3199	...	Brisbane 4804	7.8	82.34	5	14 5 56.95	+ 4.3193	+ 0.0926	...	...	- 0.17	
3200	4716	98 Virginis ...	κ	4.2	68.08	20	14 6 13.74	+ 3.1917	+ 0.0123	- 0.0010	- 0.01 - 0.05	
3201	...	Brisbane 4810	5.2	72.91	10	14 6 15.64	+ 4.1296	+ 0.0719	...	...	- 0.17	
3202	...	B.D. — 12°. 4001	8.5	74.51	10	14 6 49.12	+ 3.2931	+ 0.0137	...	...	...	
3203	...	C.P.D. — 45°. 6746	8.5	66.38	6	14 6 50.44	+ 3.7768	+ 0.0445	...	...	+ 0.01	
3204	...	C.P.D. — 34°. 6031	8.0	73.30	5	14 7 5.86	+ 3.5563	+ 0.0305	...	...	...	
3205	...	Centauri ...	κ	Var.	82.42	9	14 7 34.90	+ 4.2633	+ 0.0831	...	...	- 0.22
3206	4720	Lalande 26072	6.7	70.36	1	14 7 50.90	+ 3.1391	+ 0.0102	- 0.0217	...	+ 0.14	
3207	4726	17 Boötis ( <i>β</i> <sub>2</sub> )	κ	4.4	78.47	4	14 9 0.02	+ 2.1466	- 0.0049	+ 0.0048	- 0.22	
3208	4733	4 Ursæ Minoris	ι	4.9	79.01	5	14 9 22.16	- 0.3823	+ 0.1554	- 0.0113	+ 0.16	
3209	4727	99 Virginis	ι	4.2	69.59	4	14 9 27.60	+ 3.1399	+ 0.0102	- 0.0029	- 0.11 - 0.15	
3210	4732	Groombridge 2091	5.3	79.02	5	14 9 44.92	+ 1.0998	+ 0.0283	...	+ 0.04	...	
3211	4729	16 Boötis ( <i>Arcturus</i> )	α	0.0	70.88	141	14 9 57.62	+ 2.8131	+ 0.0004	- 0.0795	0.00	
3212	...	C.P.D. — 38°. 5786	8.5	74.30	4	14 10 32.08	+ 3.6416	+ 0.0849	...	...	...	
3213	4734	Lupi ...	ι	8.9	79.40	5	14 11 24.50	+ 3.8097	+ 0.0453	- 0.0015	...	- 0.22
3214	...	Brisbane 4849	7.2	82.31	5	14 11 31.03	+ 3.8113	+ 0.0454	...	...	- 0.23	
3215	4741	19 Boötis	λ	4.3	79.01	5	14 11 37.81	+ 2.3024	- 0.0051	- 0.0187	- 0.06	
3216	4742	21 Boötis ( <i>Isof</i> )	ι	4.8	79.41	5	14 11 44.27	+ 2.1437	- 0.0044	- 0.0159	- 0.13	
3217	...	C.P.D. — 34°. 6052	10.1	72.10	4	14 12 5.19	+ 3.5697	+ 0.0803	...	...	...	
3218	...	C.P.D. — 34°. 6054	9.0	69.95	7	14 12 8.83	+ 3.5734	+ 0.0304	...	...	...	
3219	...	C.P.D. — 42°. 6626	6.5	83.33	5	14 12 18.09	+ 3.7405	+ 0.0104	...	...	- 0.35	
3220	4743	100 Virginis	λ	4.6	70.95	28	14 12 20.83	+ 3.2380	+ 0.0140	- 0.0025	- 0.04 - 0.11	

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras-		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3186	3 38 37.8	+ 17.257	+ 0.559	...	+ 1.1	...	...	...	...	...	...
3187	124 19 22.0	.247	- 0.269	...	...	...	...	...	...	...	...
3188	129 7 25.8	.230	.276	...	...	...	...	...	...	...	209
3189	101 48 35.7	.230	.347	...	...	...	...	...	...	...	...
3190	105 42 36.1	.189	.253	...	- 2.1	- 1.5	...	6600	...	...	19222
3191	130 29 34.5	.188	.282	...	...	...	...	...	...	...	265
3192	135 46 22.6	.185	.291	...	...	...	...	...	...	...	270
3193	79 35 39.7	.140	.229	...	...	...	...	...	...	...	...
3194	131 3 16.2	.136	.285	...	...	+ 2.0	5848	6009	7758	...	19247
3195	102 9 57.8	.127	.251	...	...	...	...	...	...	...	...
3196	116 40 18.6	.118	.267	+ 0.047	...	- 0.3	5856	6015	7764	1837	19253
3197	129 23 27.3	.111	.284	...	...	...	...	...	...	...	378
3198	151 7 15.7	.104	.335	...	...	+ 3.9	5844	...	7766	...	19259
3199	151 19 53.1	.101	.338	...	...	+ 1.9	5845	...	7768	...	19266
3200	99 41 23.5	.089	.251	- 0.150	- 0.7	+ 0.6	...	6622	7771	1842	19272
3201	146 29 57.7	.087	.320	...	...	+ 0.8	5850	6016	7772	...	19273
3202	102 21 17.0	.062	.254	...	...	...	...	...	...	...	...
3203	135 4 26.3	.061	.205	...	...	+ 2.9	...	...	...	...	19281
3204	124 30 52.3	.049	.280	...	...	...	...	...	...	...	449
3205	149 19 48.6	.026	.336	...	...	+ 2.1	...	...	...	...	19295
3206	95 21 54.5	+ 17.014	.251	- 0.09	...	- 1.1	...	6633	...	1843	19301
3207	37 37 23.2	+ 16.961	- 0.174	+ 0.038	- 0.5	...	...	6650	...	1849	...
3208	11 51 54.5	.043	+ 0.019	- 0.027	- 0.3	...	...	6663	...	1859	...
3209	95 24 10.1	.039	- 0.252	+ 0.417	- 2.3	- 1.7	...	6646	...	1846	19324
3210	19 58 47.5	.024	.059	...	- 2.3	...	...	...	...	...	...
3211	70 9 57.9	.015	.227	+ 1.984	+ 0.3	...	...	6653	7795	1847	...
3212	128 18 17.1	.889	.203	...	...	...	...	...	...	...	676
3213	135 28 47.0	.847	.308	+ 0.014	...	- 0.8	5881	6659	7806	...	19354
3214	135 31 18.9	.842	.309	...	...	+ 1.5	...	6660	7807	...	19356
3215	43 20 12.7	.835	.190	- 0.156	- 0.5	...	...	6666	...	1852	...
3216	38 3 19.1	.831	.177	- 0.085	- 1.6	...	...	6671	...	1854	...
3217	124 19 35.3	.814	.290	...	...	...	...	...	...	...	...
3218	124 30 39.3	.812	.290	...	...	...	...	...	...	...	777
3219	132 28 59.4	.804	.305	...	...	+ 2.1	5887	...	7816	...	19371
3220	102 47 40.2	+ 16.803	- 0.204	- 0.029	- 0.5	- 0.2	...	6669	7815	1850	19372

No.	B.A.C.	Star's Name	Mag.	Mean Date 1850 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
3221	...	W.B.E. XIV. 192	...	8.0	74.37	5	14 12 27.50	+ 3.2521	+ 0.0145	...	...	...
3222	...	C.Z. XIV. 797	...	8.8	82.53	5	14 12 32.70	+ 4.3892	+ 0.0910	...	...	...
3223	...	C.P.D. - 51°. 6781	...	8.5	82.30	5	14 12 56.57	+ 4.0016	+ 0.0583	...	...	- 0.01
3224	4745	Centauri ...	ψ	4.2	78.65	5	14 12 57.67	+ 3.6306	+ 0.0336	...	...	+ 0.01
3225	...	C.P.D. - 46°. 6745	...	8.8	74.34	0	14 13 13.17	+ 3.8562	+ 0.0477	...	...	- 0.04
3226	4746	Runkler 371	...	6.9	82.81	5	14 13 31.08	+ 4.7299	+ 0.1241	...	...	- 0.21
3227	...	W.B.E. XIV. 240	...	8.7	73.82	10	14 15 5.54	+ 3.2385	+ 0.0139	...	...	...
3228	...	C.P.D. - 32°. 3615	...	8.5	65.99	5	14 15 13.40	+ 3.5489	+ 0.0284	...	...	...
3229	...	Brisbane 4876	...	8.0	69.42	5	14 15 14.94	+ 4.4045	+ 0.0900	...	...	+ 0.18
3230	4759	Centauri ...	α	4.6	78.46	5	14 15 20.60	+ 3.6737	+ 0.0356	- 0.0054	...	- 0.12
3231	4760	Brisbane 4884	...	7.0	82.40	5	14 15 26.71	+ 3.7355	+ 0.0392	...	...	- 0.04
3232	...	C.P.D. - 41°. 6747	...	9.0	82.43	5	14 15 33.08	+ 3.7371	+ 0.0393	...	...	...
3233	...	C.P.D. - 41°. 6751	...	8.0	82.42	5	14 15 55.57	+ 3.7384	+ 0.0393	...	...	- 0.05
3234	...	C.P.D. - 32°. 3617	...	8.5	68.55	5	14 15 58.54	+ 3.5439	+ 0.0281	...	...	...
3235	...	Brisbane 4895	...	7.0	68.17	5	14 16 37.05	+ 3.4902	+ 0.0252	...	...	- 0.15
3236	4765	2 Librae ...	...	6.5	66.73	5	14 16 42.22	+ 3.2202	+ 0.0132	- 0.0031	0.00	+ 0.01
3237	...	W.B.E. XIV. 289	...	8.2	73.88	10	14 16 57.21	+ 3.2377	+ 0.0138	...	...	+ 0.06
3238	...	C.P.D. - 29°. 3676	...	8.2	67.58	5	14 17 18.59	+ 3.4910	+ 0.0252	...	...	+ 0.02
3239	4772	Piazzi XIV. 70	...	6.6	68.59	4	14 17 57.76	+ 3.2208	+ 0.0132	- 0.003	...	- 0.10
3240	...	C.P.D. - 33°. 3625	...	9.2	69.15	4	14 18 4.23	+ 3.5694	+ 0.0292	...	...	...
3241	4768	Lupi ...	τ <sup>1</sup>	4.6	78.65	5	14 18 7.33	+ 3.8210	+ 0.0438	...	...	- 0.17
3242	4770	Lupi ...	τ <sup>2</sup>	4.4	78.69	5	14 18 9.03	+ 3.8252	+ 0.0442	...	...	- 0.16
3243	4777	W.B.E. XIV. 315	...	6.7	74.20	10	14 18 31.52	+ 3.2447	+ 0.0141	...	...	+ 0.10
3244	...	Boötis ...	δ	Var.	71.04	10	14 18 41.59	+ 2.0106	- 0.0022	...	...	...
3245	...	C.P.D. - 45°. 6847 (2nd)	...	7.5	82.37	6	14 19 28.50	+ 3.8540	+ 0.0456	...	...	- 0.15
3246	...	C.P.D. - 45°. 6849	...	7.8	82.41	4	14 19 34.05	+ 3.8542	+ 0.0456	...	...	- 0.33
3247	...	Brisbane 4916	...	7.2	65.07	6	14 19 46.97	+ 3.8058	+ 0.0423	...	...	- 0.04
3248	...	C.P.D. - 34°. 6089	...	10.2	72.53	5	14 20 5.71	+ 3.6002	+ 0.0304	...	...	...
3249	...	C.P.D. - 34°. 6090	...	8.5	74.50	10	14 20 13.26	+ 3.6034	+ 0.0306	...	...	- 0.08
3250	...	C.P.D. - 37°. 6095	...	8.2	69.98	5	14 20 37.81	+ 3.6506	+ 0.0334	...	...	- 0.17
3251	4785	22 Boötis ...	f	5.4	82.05	4	14 20 38.52	+ 2.7952	+ 0.0009	- 0.0057	+ 0.01	...
3252	...	C.Z. XIV. 1318	...	9.0	82.96	5	14 20 44.12	+ 4.4222	+ 0.0878	...	...	...
3253	4784	52 Hydræ ...	l	5.0	79.04	4	14 20 51.36	+ 3.4984	+ 0.0251	- 0.0046	- 0.09	- 0.08
3254	...	C.Z. XIV. 1331	...	9.2	83.33	5	14 20 55.02	+ 4.4219	+ 0.0877	...	...	...
3255	4789	23 Boötis ...	θ	4.2	79.21	5	14 20 56.21	+ 2.0696	- 0.0026	- 0.0268	...	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1850	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3221	163 49 46.8	+ 16.797	- 0.266	...	...	...	...	...	...	...	...
3222	150 58 28.1	.733	.357	...	...	...	...	...	...	...	797
3223	141 44 45.4	.774	.325	...	...	- 0.1	...	...	...	...	19384
3224	127 18 33.1	.774	.297	...	...	+ 0.5	5805	6075	7821	...	19387
3225	136 52 56.7	.761	.314	...	...	- 0.5	...	...	...	...	19387
3226	156 4 18.8	.746	.387	...	...	+ 1.7	...	...	7826	...	19403
3227	102 36 35.2	.671	.270	...	...	...	...	...	...	...	...
3228	122 38 49.2	.664	.293	...	...	...	...	...	...	...	964
3229	150 49 8.6	.663	.362	...	...	+ 1.0	...	...	...	...	19442
3230	128 56 23.0	.657	.306	+ 0.040	...	+ 1.7	5011	6698	7841	...	19445
3231	131 40 53.8	.653	.311	...	...	+ 0.6	5912	6700	7843	...	19447
3232	131 43 54.2	.648	.311	...	...	...	...	...	...	...	988
3233	131 42 59.9	.629	.312	...	...	+ 1.0	...	...	7847	...	19437
3234	122 14 39.3	.627	.294	...	...	...	...	...	...	...	1023
3235	119 6 22.7	.595	.292	...	...	- 0.5	5922	6700	7850	...	19473
3236	101 8 31.5	.591	.270	+ 0.059	+ 0.4	+ 2.0	...	6713	...	1860	19475
3237	102 24 40.0	.579	.273	...	...	- 0.1	...	...	...	...	19486
3238	119 3 1.0	.562	.293	...	...	+ 1.5	5926	...	7850	...	19469
3239	101 6 3.5	.529	.272	+ 0.024	...	- 0.4	...	6721	...	1861	19509
3240	123 16 26.3	.524	.301	...	...	...	...	...	...	...	1133
3241	134 39 16.6	.522	.323	...	...	+ 0.6	5928	6718	7864	...	19514
3242	131 48 44.8	.520	.323	...	...	+ 0.5	5927	6719	7866	...	19515
3243	102 47 11.8	.501	.276	...	...	+ 1.9	...	6728	...	...	10524
3244	35 37 11.2	.492	.174	...	...	...	...	...	...	...	...
3245	135 38 55.6	.454	.328	...	...	- 0.1	5939	...	7876	...	10552
3246	135 38 14.3	.449	.329	...	...	- 0.6	...	...	7877	...	10554
3247	133 45 56.4	.438	.323	...	...	+ 0.3	5943	6740	7879	...	10559
3248	124 31 48.9	.423	.303	...	...	...	...	...	...	...	...
3249	124 41 23.7	.416	.308	...	...	+ 1.9	...	...	...	...	19505
3250	127 11 54.4	.396	.313	...	...	+ 1.7	...	...	...	...	10570
3251	70 12 37.7	.395	.242	- 0.029	+ 1.0	...	...	6740	7882	1864	...
3252	150 17 22.9	.389	.379	...	...	...	...	...	...	...	1378
3253	118 55 42.1	.385	.301	+ 0.031	- 1.4	- 0.9	5949	6747	7884	1862	19577
3254	150 15 23.0	.381	.379	...	...	...	...	...	...	...	1331
3255	37 34 17.2	+ 16.380	- 0.181	+ 0.398	...	...	...	6754	...	1867	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
3256	4787	W.B.E. XIV. 360	6.8	74.23	10	14 20 58.77	+ 3.2475	+ 0.0140	...	...	- 0.00
3257	...	B.D. - 3°. 3631	8.8	78.43	5	14 21 30.67	+ 3.1240	+ 0.0008	...	...	...
3258	4792	105 Virginis ...	ϕ	78.83	5	14 21 45.69	+ 3.0948	+ 0.0087	- 0.0104	- 0.01	- 0.09
3259	...	C.P.D. - 32°. 3652	8.5	67.99	5	14 22 36.78	+ 3.5710	+ 0.0285	...	...	...
3260	...	Brisbane 4934	7.2	83.30	2	14 22 38.10	+ 3.7242	+ 0.0367	...	...	- 0.24
3261	...	C.P.D. - 34°. 6100	9.0	73.30	5	14 22 41.40	+ 3.6175	+ 0.0309	...	...	...
3262	...	W.B.E. XIV. 392	9.0	73.95	10	14 22 47.70	+ 3.2561	- 0.0144	...	...	...
3263	...	C.P.D. - 39°. 6337	7.1	66.54	5	14 23 23.16	+ 3.7253	+ 0.0365	...	...	- 0.18
3264	...	C.P.D. - 39°. 6342	8.5	70.62	4	14 23 36.87	+ 3.7259	+ 0.0364	...	...	- 0.10
3265	...	W.B.E. XIV. 410	9.0	73.63	10	14 23 58.64	+ 3.2544	+ 0.0143	...	...	...
3266	4801	Lupi ...	σ	78.46	5	14 24 12.87	+ 4.0066	+ 0.0538	...	...	- 0.21
3267	...	C.P.D. - 46°. 6848	8.5	68.19	5	14 24 25.60	+ 3.9159	+ 0.0176	...	...	...
3268	...	Brisbane 4944	7.5	82.39	5	14 24 27.31	+ 4.3464	+ 0.0790	...	...	- 0.15
3269	...	C.P.D. - 33°. 3644	8.5	66.80	5	14 24 52.39	+ 3.6023	+ 0.0297	...	...	...
3270	...	O.A.N. 14634	7.5	64.97	2	14 26 1.28	+ 0.9093	+ 0.0359	...	...	...
3271	4806	Brisbane 4957	7.0	79.20	5	14 26 11.84	+ 4.2533	+ 0.0706	...	...	- 0.11
3272	4808	25 Boötis ...	ρ	71.59	144	14 26 26.52	+ 2.5946	- 0.0015	- 0.0086	- 0.03	...
3273	...	W.B.E. XIV. 458	8.7	73.82	10	14 26 45.15	+ 3.2643	+ 0.0145	...	...	...
3274	4812	27 Boötis ...	γ	79.88	9	14 27 2.64	+ 2.4276	- 0.0627	- 0.0108	- 0.04	...
3275	...	Camelopardi ...	R	76.56	17	14 27 10.55	- 5.0911	- 1.0635	...	...	...
3276	...	O.A.N. 14652	8.3	70.24	6	14 27 10.79	+ 0.8918	+ 0.0466	...	...	...
3277	...	Brisbane 4955	8.0	82.40	5	14 27 15.54	+ 3.6684	+ 0.0325	...	...	- 0.04
3278	...	C.P.D. - 33°. 3653	9.0	70.80	5	14 27 23.33	+ 3.6005	+ 0.0291	...	...	...
3279	4811	Centauri ...	η	79.38	10	14 27 34.52	+ 3.7839	+ 0.0389	- 0.0043	...	- 0.24
3280	4822	5 Ursa Minoris ...	4.3	78.85	5	14 27 48.73	- 0.2128	+ 0.1207	+ 0.0013	+ 0.04	...
3281	...	C.P.D. - 36°. 6477	8.5	82.35	6	14 27 58.16	+ 3.6507	+ 0.0317	...	...	...
3282	...	Anonymous ...	8.9	82.33	5	14 28 24.03	+ 4.4260	+ 0.0828	...	...	...
3283	...	Brisbane 4970	7.1	82.81	5	14 28 50.80	+ 5.0395	+ 0.1394	...	...	- 0.09
3284	4823	28 Boötis ...	σ	78.49	5	14 29 14.36	+ 2.5689	- 0.0012	+ 0.0140	+ 0.12	...
3285	4821	Lupi ...	ρ	79.02	5	14 29 29.30	+ 4.0017	+ 0.0514	...	...	- 0.16
3286	...	W.B.E. XIV. 512	8.2	73.54	5	14 29 30.11	+ 3.2668	+ 0.0145	...	...	...
3287	...	Brisbane 4978	7.8	83.32	5	14 29 36.01	+ 3.8180	+ 0.0403	...	...	- 0.23
3288	...	C.P.D. - 34°. 6152	7.8	66.01	5	14 30 6.80	+ 3.6419	+ 0.0306	...	...	+ 0.07
3289	4831	Centauri ...	α <sup>1</sup>	71.00	16	14 31 7.49	+ 4.5092	+ 0.0878	- 0.4795	...	...
3290	4832	Centauri ...	α <sup>2</sup>	71.98	6	14 31 7.97	+ 4.5091	+ 0.0878	- 0.4795	...	...

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3256	102 47 46.1	+ 16.378	- 0.280	...	...	+ 0.7	...	6750	...	...	19579
3257	93 49 34.3	.352	.271	...	...	...	...	...	...	...	...
3258	91 40 0.7	.339	.249	- 0.003	+ 1.2	+ 2.0	...	6756	...	1805	19591
3259	122 36 59.2	.295	.309	...	...	...	...	...	...	...	1493
3260	129 55 4.9	.294	.324	...	...	+ 2.9	5955	...	7807	...	19613
3261	124 58 33.8	.292	.315	...	...	...	...	...	...	...	1443
3262	103 15 53.3	.286	.284	...	...	...	...	...	...	...	...
3263	129 49 44.1	.256	.321	...	...	+ 1.3	5962	...	7901	...	19633
3264	129 48 58.4	.241	.324	...	...	+ 1.6	...	...	...	...	19642
3265	103 2 54.6	.245	.286	...	...	...	...	...	...	...	...
3266	139 54 3.9	.214	.351	...	...	- 1.9	5964	6772	7913	...	19661
3267	136 57 22.4	.202	.342	...	...	...	...	...	...	...	1545
3268	148 16 1.4	.201	.381	...	...	+ 2.0	...	6773	...	...	19666
3269	123 51 34.1	.180	.316	...	...	...	...	...	...	...	1583
3270	20 11 20.2	.120	.085	...	...	...	...	...	...	...	...
3271	146 0 41.3	.111	.376	...	...	+ 1.3	5974	6786	7926	...	19709
3272	59 4 44.6	.098	.233	- 0.120	+ 0.3	...	...	6792	7928	1869	...
3273	103 31 27.9	.081	.291	...	...	...	...	...	...	...	...
3274	51 8 38.6	.066	- 0.219	- 0.152	+ 0.1	...	...	6801	...	1871	...
3275	5 30 8.8	.059	+ 0.438	...	...	...	...	...	...	...	...
3276	20 0 54.4	.059	- 0.084	...	...	...	...	...	...	...	...
3277	126 39 17.2	.056	.328	...	...	+ 2.9	5992	6793	7933	...	19728
3278	123 22 59.0	.048	.321	...	...	...	...	...	...	...	1757
3279	131 36 28.0	.038	- 0.339	+ 0.032	...	+ 2.0	5993	6798	7935	...	18737
3280	13 44 52.8	.026	+ 0.012	- 0.026	- 0.8	...	...	6822	...	1873	...
3281	126 0 10.3	+ 16.018	- 0.328	...	...	...	...	...	...	...	1793
3282	149 13 5.7	+ 15.995	.396	...	...	...	...	...	...	...	...
3283	157 39 33.0	.972	.452	...	...	+ 3.3	5986	...	7947	...	19766
3284	59 42 39.6	.951	.237	- 0.133	+ 0.6	...	...	6817	...	1872	...
3285	138 52 45.3	.937	.361	...	...	- 1.0	6003	6808	7952	...	19785
3286	103 28 51.3	.937	.296	...	...	...	...	...	...	...	...
3287	132 33 58.6	.931	.345	...	...	+ 2.5	6008	6811	7953	...	19787
3288	124 58 20.2	.905	.329	...	...	+ 0.1	...	...	...	...	19805
3289	150 19 10.2	.850	.410	- 0.789	...	...	6014	6829	7965	...	19823
3290	150 19 5.3	+ 15.850	- 0.410	- 0.789	...	...	6017	6830	7964	...	19826



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
3291	...	C.P.D. - 35°. 6311 ...	8.2	73.30	5	h m s 14 31 18.07	s + 3.6473	s + 0.0307	s ...	s ...	s + 0.02
3292	...	Boötis ... .. <i>K</i>	Var.	68.86	10	14 31 40.83	+ 2.6486	- 0.0004	...	...	...
3293	...	C.P.D. - 32°. 3687 ...	8.0	67.38	5	14 31 43.91	+ 3.6027	+ 0.0284	...	...	- 0.04
3294	...	C.P.D. - 39°. 6300 ...	7.8	82.70	7	14 31 47.06	+ 3.7385	+ 0.0352	...	...	- 0.06
3295	4835	Circini ... .. <i>a</i>	3.4	77.37	5	14 32 25.84	+ 4.7965	+ 0.1118	- 0.0348	...	- 0.07
3296	...	C.P.D. - 31°. 3854 ...	8.2	67.57	5	14 33 21.65	+ 3.5863	+ 0.0274	...	...	+ 0.08
3297	...	Brisbane 5005 ... ..	7.5	69.18	5	14 33 31.79	+ 3.9543	+ 0.0469	...	...	- 0.04
3298	...	C.P.D. - 36°. 6513 ...	9.0	69.59	5	14 33 36.08	+ 3.6833	+ 0.0319	...	...	- 0.05
3299	4839	Lupi ... .. <i>a</i>	2.5	68.82	5	14 33 37.52	+ 3.9583	+ 0.0472	- 0.0033	...	- 0.05
3300	4842	Centauri ... .. <i>b</i>	4.2	78.45	5	14 34 11.95	+ 3.7059	+ 0.0330	...	...	- 0.18
3301	4847	20 Boötis ( <i>Ist</i> ) ... .. $\pi$	4.6	79.94	10	14 34 51.08	+ 2.8173	+ 0.0024	+ 0.0006	+ 0.03	...
3302	...	C.Z. XIV. 2213 ... ..	8.5	82.60	5	14 34 51.27	+ 4.6055	+ 0.0930	...	+ 0.11	+ 0.19
3303	...	W.B.N. XIV. 716 ... ..	9.0	68.39	2	14 35 6.49	+ 2.6282	- 0.0004	...	...	...
3304	4849	30 Boötis ... .. $\zeta$	3.8	79.94	10	14 35 10.81	+ 2.8592	+ 0.0033	+ 0.0027	- 0.01	...
3305	...	C.P.D. - 46°. 6952 ... ..	8.2	82.35	5	14 35 11.85	+ 3.9424	+ 0.0457	...	...	- 0.16
3306	...	B.D. + 28°. 2357 ... ..	9.4	70.12	4	14 35 20.51	+ 2.6262	- 0.0004	...	...	...
3307	4850	31 Boötis ... ..	5.0	79.03	5	14 35 30.43	+ 2.9438	+ 0.0051	- 0.0002	- 0.05	...
3308	4852	Centauri ... .. $\alpha^1$	3.8	78.84	5	14 36 0.97	+ 3.6534	+ 0.0302	- 0.0093	...	- 0.16
3309	4855	107 Virginis ... .. $\mu$	3.9	79.43	5	14 36 28.45	+ 3.1477	+ 0.0104	+ 0.0052	+ 0.01	- 0.04
3310	...	Brisbane 5035 ... ..	8.0	82.40	5	14 36 49.92	+ 3.8921	+ 0.0423	...	...	- 0.08
3311	...	C.P.D. + 42°. 6786 ... ..	9.0	82.33	5	14 37 14.09	+ 3.8404	+ 0.0394	...	...	...
3312	4858	Centauri ... .. $\alpha^2$	5.0	79.25	5	14 37 19.43	+ 3.6581	+ 0.0300	...	...	- 0.11
3313	...	C.Z. XIV. 2384 ... ..	8.0	71.15	5	14 37 20.80	+ 4.5602	+ 0.0874	...	...	- 0.24
3314	4864	34 Boötis ... .. $\eta$	Var.	78.87	5	14 37 55.71	+ 2.6379	0.0000	- 0.0011	- 0.06	...
3315	...	C.P.D. - 38°. 5941 ... ..	8.5	82.64	5	14 38 16.84	+ 3.7395	+ 0.0339	...	...	- 0.27
3316	4865	54 Hydræ ( <i>Ist</i> ) ... .. <i>m</i>	5.0	79.50	5	14 38 46.30	+ 3.4687	+ 0.0216	- 0.0147	+ 0.12	+ 0.11
3317	4868	5 Libræ ... ..	6.6	71.72	11	14 39 4.32	+ 3.3004	+ 0.0152	- 0.0028	...	- 0.08
3318	4873	35 Boötis ... .. $\alpha$	4.8	79.06	5	14 39 24.47	+ 2.8022	+ 0.0024	- 0.0051	- 0.03	...
3319	...	Brisbane 5052 ... ..	6.8	83.32	5	14 39 25.06	+ 3.6720	+ 0.0406	...	...	- 0.13
3320	4876	36 Boötis ( <i>Mirac</i> ) ... .. $\epsilon^2$	2.6	72.44	129	14 39 31.64	+ 2.6240	- 0.0001	- 0.0043	- 0.02	...
3321	4878	109 Virginis ... ..	3.7	80.04	5	14 39 55.88	+ 3.0360	+ 0.0073	- 0.0089	+ 0.04	...
3322	...	C.P.D. - 34°. 6196 ... ..	8.0	64.59	5	14 40 0.68	+ 3.6504	+ 0.0294	...	...	- 0.27
3323	4877	55 Hydræ ... ..	5.8	79.77	6	14 40 6.63	+ 3.4750	+ 0.0216	- 0.0039	...	+ 0.04
3324	4880	56 Hydræ ... ..	5.7	79.59	5	14 40 27.14	+ 3.4842	+ 0.0220	- 0.0027	...	- 0.11
3325	4882	57 Hydræ ... ..	6.1	80.38	4	14 40 39.00	+ 3.4850	+ 0.0224	+ 0.0120	...	- 0.03

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3201	125 3 4.5	+ 15.841	- 0.333	...	...	+ 1.4	...	6884	...	...	19829
3292	62 43 12.8	.820	.214	...	...	...	...	...	...	...	...
3293	122 50 11.0	.817	.329	...	...	+ 2.3	6027	...	7908	...	19837
3294	129 1 22.6	.815	.312	...	...	+ 0.2	...	...	7909	...	19838
3295	154 25 46.1	.780	.439	+ 0.241	...	+ 3.1	6012	6837	7975	...	19840
3296	121 47 11.4	.720	.330	...	...	+ 1.5	...	...	...	...	19868
3297	136 44 11.0	.720	.364	...	...	+ 1.1	...	6848	...	...	19870
3298	126 20 40.3	.716	.339	...	...	+ 1.5	...	...	...	...	19872
3299	136 50 59.8	.715	.364	+ 0.020	...	+ 0.1	6034	6849	7986	...	19873
3300	127 15 21.2	.684	.344	...	...	+ 1.2	6048	6854	7994	...	19890
3301	73 2 42.0	.648	.264	- 0.026	+ 0.5	...	...	6864	...	1875	...
3302	151 23 40.5	.618	.427	...	...	+ 3.0	...	...	...	...	19906
3303	62 3 47.1	.634	.216	...	...	...	...	...	...	...	...
3304	75 44 4.7	.630	.268	+ 0.013	+ 0.9	...	...	6867	...	1876	...
3305	136 5 15.4	.629	.367	...	...	+ 2.6	...	6860	8004	...	19909
3306	61 58 53.4	.622	.217	...	...	...	...	...	...	...	...
3307	81 18 8.3	.613	.277	+ 0.014	- 1.6	...	...	6871	...	1877	...
3308	124 38 1.9	.585	.342	+ 0.201	...	+ 0.1	6003	6872	8008	...	19931
3309	95 6 47.7	.559	.296	+ 0.313	- 1.2	- 1.3	...	6876	8013	1880	19941
3310	134 7 58.5	.539	.366	...	...	+ 0.3	...	...	...	...	19946
3311	132 12 33.3	.517	.362	...	...	...	...	...	...	...	2374
3312	124 39 38.5	.512	.345	...	...	- 0.6	6071	6879	8018	...	19958
3313	150 20 13.3	.510	.426	...	...	+ 1.6	...	...	...	...	19959
3314	62 56 23.7	.479	.252	+ 0.008	+ 0.2	...	...	6886	...	1883	...
3315	128 4 27.5	.459	.354	...	...	+ 1.7	...	...	...	...	19984
3316	114 54 39.9	.432	.330	+ 0.102	+ 0.3	+ 0.7	6087	6887	8035	1881	19997
3317	104 55 52.6	.414	.314	- 0.006	- 0.8	+ 0.1	...	6892	...	1882	20008
3318	72 30 19.0	.396	.269	+ 0.052	+ 0.4	...	...	6897	...	1888	...
3319	133 1 48.3	.395	.369	...	...	+ 1.1	6084	6891	8038	...	20015
3320	62 23 52.5	.380	.252	- 0.001	+ 0.6	...	...	6898	8039	1890	...
3321	87 34 44.6	.366	.292	+ 0.030	- 0.7	...	...	6901	...	1889	...
3322	124 12 25.9	.362	.349	...	...	+ 0.5	...	...	...	...	20031
3323	115 5 52.8	.356	.333	+ 0.030	...	+ 0.5	6097	6899	8044	1885	20035
3324	115 35 43.5	.338	.334	+ 0.030	...	- 0.2	6102	6902	8051	1886	20044
3325	116 7 13.8	+ 15.326	- 0.335	+ 0.028	...	- 2.3	6104	6904	8053	1887	20048

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
3326	...	Yarnall 6085 ... ..	8.2	70.56	5	14 41 5.55	+ 3.7262	+ 0.0326	...	...	- 0.11
3327	...	Brisbane 5069 ... ..	7.8	69.43	5	14 42 6.20	+ 3.8362	+ 0.0379	...	...	- 0.11
3328	...	Yarnall 6093 ... ..	8.8	83.35	5	14 42 18.20	+ 3.7215	+ 0.0323	...	...	- 0.12
3329	...	C.P.D. - 43°. 7058 ...	8.1	82.43	4	14 42 24.21	+ 3.9661	+ 0.0448	...	...	...
3330	4850	7 Libræ ... .. $\mu$	5.4	78.85	5	14 42 28.11	+ 3.2832	+ 0.0145	- 0.0066	- 0.04	0.00
3331	4891	58 Hydræ ... .. $Z$	5.0	79.27	5	14 42 57.09	+ 3.5252	+ 0.0233	- 0.0195	+ 0.06	- 0.04
3332	...	C.P.D. - 39°. 6455 ...	8.2	68.94	5	14 43 6.40	+ 3.7835	+ 0.0350	...	...	- 0.12
3333	4892	Lupi ... .. $\sigma$	4.4	78.84	5	14 43 29.16	+ 3.8896	+ 0.0402	...	...	- 0.11
3334	...	Lalande 27022 ... ..	7.4	64.18	5	14 43 45.27	+ 2.9018	+ 0.0045	...	...	...
3335	4894	8 Libræ ... .. $\alpha^1$	5.3	72.36	5	14 43 46.46	+ 3.3148	+ 0.0154	- 0.0088	- 0.08	- 0.04
3336	4895	9 Libræ ... .. $\alpha^2$	3.0	71.75	120	14 43 57.91	+ 3.3157	+ 0.0154	- 0.0091	- 0.03	- 0.04
3337	...	C.P.D. - 37°. 6282 ...	5.2	83.33	5	14 45 0.75	+ 3.7435	+ 0.0326	...	...	- 0.17
3338	4005	37 Boötis (2nd) ... .. $\xi$	4.6	80.04	10	14 45 37.44	+ 2.7570	+ 0.0021	+ 0.0089	- 0.02	...
3339	...	C.Z. XIV. 2911 ... ..	8.5	82.32	5	14 45 38.25	+ 4.6042	+ 0.0852	...	...	...
3340	...	C.P.D. - 39°. 6464 ...	7.5	82.35	5	14 45 49.59	+ 3.7950	+ 0.0348	...	...	- 0.03
3341	...	Schumacher A.N. 641 ...	8.0	71.06	10	14 46 5.10	+ 3.2585	+ 0.0135	...	...	...
3342	...	C.P.D. - 41°. 6956 ...	8.5	82.97	5	14 46 34.58	+ 3.8591	+ 0.0379	...	...	...
3343	...	C.P.D. - 38°. 5983 ...	7.8	82.37	5	14 46 36.76	+ 3.7875	+ 0.0344	...	...	- 0.18
3344	...	C.P.D. - 38°. 5984 ...	7.8	82.41	4	14 46 41.41	+ 3.7868	+ 0.0343	...	...	- 0.13
3345	4915	13 Libræ ... .. $\xi^1$	5.9	72.34	4	14 47 35.76	+ 3.2521	+ 0.0132	- 0.0061	- 0.02	- 0.05
3346	...	C.P.D. - 36°. 6635 ...	7.5	83.15	5	14 47 40.28	+ 3.7368	+ 0.0319	...	...	...
3347	...	Lalande 27123 ... ..	7.3	63.76	5	14 48 0.72	+ 3.3892	+ 0.0178	...	...	...
3348	4916	Brisbane 5115 ... ..	5.3	78.48	5	14 48 4.72	+ 3.6611	+ 0.0282	+ 0.0017	...	+ 0.06
3349	...	C.Z. XIV. 3075 ... ..	9.5	71.40	5	14 48 21.38	+ 4.6709	+ 0.0883	...	...	- 0.12
3350	...	Brisbane 5118 ... ..	6.7	82.45	3	14 48 38.69	+ 3.7965	+ 0.0344	...	...	- 0.33
3351	...	W.B.E. XIV. 896 ... ..	8.5	76.33	5	14 48 56.68	+ 3.3747	+ 0.0141	...	...	...
3352	4922	15 Libræ ... .. $\xi^2$	5.8	78.66	5	14 49 59.15	+ 3.2462	+ 0.0130	- 0.0019	- 0.09	- 0.13
3353	4924	Lupi ... .. $\beta$	2.7	79.40	10	14 50 21.04	+ 3.9049	+ 0.0392	- 0.0065	...	- 0.11
3354	4927	16 Libræ ... ..	4.5	78.65	5	14 50 39.43	+ 3.1330	+ 0.0099	- 0.0061	...	+ 0.04
3355	4928	Centauri ... .. $\kappa$	3.4	79.40	10	14 51 2.14	+ 3.8780	+ 0.0378	- 0.0041	...	- 0.23
3356	...	C.Z. XIV. 3245 ... ..	7.2	82.35	5	14 51 2.86	+ 4.6015	+ 0.0814	...	...	- 0.18
3357	4936	7 Ursæ Minoris (Kochab) $\beta$	2.1	75.21	18	14 51 5.60	- 0.2388	+ 0.1022	- 0.0085	+ 0.20	...
3358	...	C.P.D. - 40°. 6773 ...	8.2	75.55	9	14 51 5.64	+ 3.8500	+ 0.0363	...	...	- 0.01
3359	...	O.A.S. 14112 ... ..	8.0	66.84	5	14 51 30.42	+ 3.8895	+ 0.0175	...	...	...
3360	...	B.D. + 50°. 2124 ... ..	8.7	70.74	5	14 51 44.65	+ 1.9624	+ 0.0014	...	...	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3326	127 6 35'6	+ 15'300	- 0'357	...	...	+ 1'2	...	...	...	...	20058
3327	131 19 31'8	'243	'369	...	...	+ 1'1	...	...	8067	...	20081
3328	126 52 23'8	'232	'360	...	...	- 2'5	...	...	...	...	20084
3329	135 46 23'5	'227	'384	...	...	...	...	...	...	...	...
3330	103 37 35'9	'223	'319	+ 0'016	+ 0'1	- 1'1	...	6914	8069	1891	20088
3331	117 26 17'2	'196	'342	+ 0'056	- 0'6	- 2'8	6116	6916	8074	1892	20100
3332	129 9 37'9	'186	'366	...	...	- 0'5	...	...	...	...	20103
3333	133 3 21'8	'165	'378	...	...	- 0'4	6114	6917	8078	...	20109
3334	78 59 10'7	'119	'288	...	...	...	...	...	...	...	...
3335	105 28 34'3	'148	'323	+ 0'068	- 0'2	+ 1'2	...	6919	...	1893	20117
3336	105 31 15'8	'137	'324	+ 0'066	- 0'2	+ 0'6	...	6921	8084	1894	20119
3337	127 17 14'4	'077	'366	...	...	- 0'4	6124	6925	8090	...	20132
3338	70 22 45'8	'012	'272	+ 0'101	+ 0'2	...	...	6926	...	1898	...
3339	130 0 22'3	'041	'450	...	...	...	...	...	...	...	2011
3340	129 14 4'2	'031	'372	...	...	+ 3'1	6129	...	8098	...	20155
3341	101 52 7'7	+ 15'009	'321	...	...	...	...	...	...	...	...
3342	131 31 54'8	+ 14'987	'380	...	...	...	...	...	...	...	2061
3343	128 50 2'1	'985	'373	...	...	+ 2'8	6133	...	8107	...	20171
3344	128 47 47'7	'980	'373	...	...	+ 0'2	...	...	8109	...	20175
3345	101 23 12'2	'927	'322	+ 0'011	- 1'2	- 1'7	...	6951	...	1901	20193
3346	126 39 6'2	'923	'370	...	...	...	...	...	...	...	...
3347	109 30 0'6	'902	'335	...	...	...	...	...	...	...	...
3348	123 20 48'0	'869	'363	+ 0'012	...	+ 0'4	6146	6953	8121	...	20203
3349	150 43 42'3	'883	'460	...	...	+ 2'7	...	...	...	...	20214
3350	128 54 28'0	'865	'378	...	...	- 0'5	6149	6956	8128	...	20221
3351	102 41 50'9	'847	'336	...	...	...	...	...	...	...	...
3352	100 54 13'6	'786	'326	- 0'006	- 0'3	- 0'2	...	6964	8137	1903	20249
3353	132 37 42'7	'765	'392	+ 0'058	...	- 0'8	6160	6963	8143	...	20263
3354	93 50 11'2	'747	'316	+ 0'155	...	+ 1'8	...	6972	8148	1905	20276
3355	131 36 3'6	'725	'300	+ 0'018	...	+ 0'1	6170	...	...	...	20286
3356	149 18 35'9	'723	- 0'462	...	...	+ 2'9	6154	...	8154	...	20287
3357	15 20 0'9	'721	+ 0'018	+ 0'002	+ 0'2	...	...	6994	...	1917	...
3358	130 34 53'8	'720	- 0'886	...	...	+ 0'1	...	6971	8153	...	20289
3359	109 13 24'9	'696	'341	...	...	...	...	...	...	...	...
3360	39 22 19'7	+ 14'680	- 0'261	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Grn. 1880	C.G.A.	
3361	...	Brisbane 5140 ...	7.8	83.34	5	14 52 4.64	+ 3.8187	+ 0.0346	...	...	- 0.04	
3362	4037	Piazzi XIV. 235 ...	5.6	70.80	5	14 52 14.14	+ 1.9790	+ 0.0013	+ 0.0039	+ 0.05	...	
3363	...	C.P.D. — 33°. 37.42 ...	9.5	69.97	5	14 52 15.87	+ 3.6710	+ 0.0280	...	...	...	
3364	...	Brisbane 5147 ...	8.0	82.98	5	14 52 58.47	+ 3.8908	+ 0.0378	...	...	- 0.18	
3365	...	C.P.D. — 41°. 7004 ...	7.5	82.44	5	14 53 27.69	+ 3.8794	+ 0.0372	...	...	...	
3366	...	C.Z. XIV. 3.111 ...	8.0	82.36	5	14 53 32.16	+ 4.5267	+ 0.0747	...	...	- 0.20	
3367	...	C.P.D. — 41°. 7007 ...	7.0	82.45	5	14 53 40.74	+ 3.8800	+ 0.0372	...	...	...	
3368	...	O.A.N. 14099 ...	8.2	72.88	4	14 53 54.59	+ 2.0313	+ 0.0008	...	...	...	
3369	...	O.A.N. 15004 ...	8.0	70.00	5	14 54 14.30	+ 1.9505	+ 0.0017	...	...	...	
3370	4939	19 Librae ...	δ	Var.	72.40	10	14 54 17.69	+ 3.2021	+ 0.0116	- 0.0064	...	- 0.09
3371	...	Groombridge 220 ( <i>R.P.L. 110</i> )	7.1	84.01	32	14 54 26.62	- 11.8557	+ 3.0671	...	...	...	
3372	4040	Piazzi XIV. 200 ...	4.8	78.65	5	14 55 35.96	+ 0.9472	+ 0.0282	- 0.0151	- 0.02	...	
3373	...	B.D. — 14°. 4051 ...	9.2	76.33	5	14 55 44.96	+ 3.3035	+ 0.0145	...	...	...	
3374	...	Brisbane 5165 ...	6.7	83.32	5	14 55 45.63	+ 3.7327	+ 0.0300	...	...	- 0.24	
3375	...	O.A.N. 15023 ...	6.8	69.21	5	14 55 54.11	+ 1.3143	+ 0.0151	...	...	...	
3376	4952	B.F. 2056 ...	6.2	71.39	5	14 56 22.77	+ 2.0474	+ 0.0009	...	- 0.04	...	
3377	4951	110 Virginis ...	4.6	78.80	5	14 56 35.12	+ 3.0302	+ 0.0075	- 0.0050	- 0.05	...	
3378	4948	Lupi ...	π	3.8	78.50	5	14 56 37.01	+ 4.0556	+ 0.0451	- 0.0047	...	- 0.14
3379	4950	20 Librae ...	σ	3.2	79.94	10	14 56 45.36	+ 3.5026	+ 0.0207	- 0.0074	- 0.08	- 0.08
3380	4958	42 Boötis ...	β	3.6	79.41	10	14 57 14.19	+ 2.2636	0.0000	- 0.0050	- 0.07	...
3381	...	Brisbane 5172 ...	6.8	68.23	6	14 57 57.19	+ 4.7379	+ 0.0866	...	...	- 0.14	
3382	...	Trianguli Australis	T	Var.	82.46	10	14 58 8.34	+ 5.4209	+ 0.1423	...	...	- 0.14
3383	...	Brisbane 5178 ...	6.8	82.64	5	14 58 23.00	+ 3.7486	+ 0.0302	...	...	- 0.22	
3384	...	C.P.D. — 41°. 7032 ...	8.8	71.85	6	14 58 25.24	+ 3.9044	+ 0.0371	...	...	...	
3385	4962	Piazzi XIV. 265 ...	6.7	70.78	5	14 58 29.53	+ 2.6820	+ 0.0011	- 0.0041	...	...	
3386	4982	Groombridge 2196 ...	5.8	79.25	5	14 58 54.91	- 4.6168	+ 0.7063	...	+ 0.11	...	
3387	4969	43 Boötis ...	ψ	4.5	71.52	97	14 59 5.33	+ 2.5834	+ 0.0010	- 0.0142	- 0.02	...
3388	...	O.A.S. 14246 ...	6.5	80.37	5	14 59 14.47	+ 3.4441	+ 0.0186	...	...	- 0.08	
3389	...	C.P.D. — 21°. 5863 ...	8.5	80.38	5	14 59 14.65	+ 3.4408	+ 0.0184	...	...	...	
3390	4970	21 Librae ...	ν	5.4	73.66	10	14 59 39.34	+ 3.3389	+ 0.0153	- 0.0052	...	- 0.09
3391	4974	44 Boötis ( <i>βnd</i> ) ...	ι	4.9	79.21	5	14 59 40.17	+ 2.0185	+ 0.0015	- 0.0432	- 0.18	...
3392	...	C.P.D. — 36°. 6724 ...	9.5	82.36	5	15 0 13.05	+ 3.7614	+ 0.0303	...	...	- 0.01	
3393	4073	Lupi ...	λ	4.3	79.43	5	15 0 25.95	+ 4.0127	+ 0.0417	0.000	...	- 0.14
3394	...	C.P.D. — 33°. 8772 ...	9.0	75.28	5	15 0 57.27	+ 3.6997	+ 0.0276	...	...	...	
3395	...	C.Z. XV. 75 ...	9.0	73.58	4	15 1 11.16	+ 4.7854	+ 0.0878	...	...	...	

3362.—P. M. Bonn

3379.—1 (*Uev.*) Scorpii γ3372.—2 (*Uev.*) Ursae Minoris

3393.—P. M. Stone

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras-		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3301	129 17 49.1	+ 14.602	- 0.396	...	...	- 0.7	6180	...	8165	...	20315
3302	39 51 31.5	.653	.203	+ 0.232	+ 0.2	...	...	6891	...	...	...
3303	123 15 26.3	.652	.370	...	...	...	...	...	...	...	3320
3304	131 47 23.2	.608	.395	...	...	0.0	...	...	...	...	20335
3305	131 19 34.6	.579	.395	...	...	...	...	...	...	...	...
3306	147 43 59.9	.575	.460	...	...	- 1.1	...	...	...	...	20352
3307	131 19 15.6	.566	.395	...	...	...	...	...	...	...	...
3308	41 28 0.0	.553	.209	...	...	...	...	...	...	...	...
3309	39 23 42.0	.532	.202	...	...	...	...	...	...	...	...
3370	98 1 18.3	.530	- 0.328	+ 0.009	...	+ 0.3	...	6998	...	1911	20363
3371	3 32 6.0	.520	+ 1.186	...	...	...	...	...	...	...	...
3372	23 34 8.3	.450	- 0.102	- 0.032	- 2.5	...	...	7020	...	...	...
3373	104 0 45.2	.441	.310	...	...	...	...	...	...	...	...
3374	125 26 59.7	.440	.384	...	...	- 1.2	6199	7001	8184	...	20407
3375	27 50 7.5	.432	.139	...	...	...	...	...	...	...	...
3376	42 13 39.7	.401	.213	...	...	- 0.9	...	...	...	...	...
3377	87 24 59.9	.390	.314	- 0.010	+ 0.1	...	...	7013	...	1915	...
3378	136 33 36.3	.383	.418	+ 0.034	...	+ 0.5	6201	7008	8191	...	20428
3379	114 47 19.7	.380	.302	+ 0.051	- 1.4	- 1.6	6212	7012	8192	1913	20431
3380	49 6 53.8	.350	.237	+ 0.036	- 1.2	...	...	7026	...	1918	...
3381	150 38 35.9	.306	.488	...	...	+ 4.3	6200	7017	8201	...	20480
3382	158 14 14.6	.295	.561	...	...	+ 4.0	6193	...	8203	...	20466
3383	125 46 39.0	.280	.390	...	...	+ 1.5	6221	7027	8205	...	20469
3384	131 33 19.4	.278	.405	...	...	...	...	...	...	...	3719
3385	62 25 41.4	.276	- 0.270	+ 0.03	...	...	...	7036	...	1921	...
3386	6 58 35.1	.248	+ 0.408	...	...	- 2.6	...	...	...	...	...
3387	62 33 50.6	.237	- 0.271	+ 0.002	+ 0.3	...	...	7039	8212	1922	...
3388	111 32 35.8	.226	.360	...	...	- 2.2	...	...	...	...	20492
3389	111 22 0.7	.227	.360	...	...	...	...	...	...	...	...
3390	105 43 14.3	.202	.349	+ 0.030	...	+ 1.3	...	7040	...	1919	20498
3391	41 51 27.3	.202	.214	- 0.023	- 1.9	...	...	7051	...	1923	...
3392	126 4 13.5	.198	.394	...	...	+ 1.8	...	...	...	...	20510
3393	134 47 49.1	.154	.420	+ 0.03	...	+ 0.9	6232	7044	8225	...	20514
3394	123 28 3.7	.122	.389	...	...	...	...	...	...	...	58
3395	150 59 5.3	+ 14.107	- 0.502	...	...	...	...	...	...	...	75

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0.	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
3396	4080	47 Boötis ... ..	k	5.6	72.55	5	15 1 17.40	+ 1.9927	+ 0.0018	- 0.0080	- 0.12	...
3397	...	B.D. - 7°. 3963 ...	...	8.0	72.79	5	15 1 33.53	+ 3.1961	+ 0.0112	...	...	...
3398	4981	45 Boötis ... ..	c	5.0	79.48	5	15 1 48.57	+ 2.6207	+ 0.0016	+ 0.0116	- 0.09	...
3399	4977	Brisbane 5193 ...	...	5.6	79.30	5	15 1 57.76	+ 4.4272	+ 0.0638	...	...	- 0.07
3400	...	C.P.D. - 33°. 3779 ...	...	8.5	75.27	5	15 1 59.70	+ 3.6994	+ 0.0275	...	...	...
3401	...	C.Z. XV. 146 ...	...	7.0	82.39	5	15 2 8.96	+ 4.9096	+ 0.0961	...	...	- 0.20
3402	...	W.B.E. XV. 7 ...	...	8.6	68.43	4	15 2 55.91	+ 3.7965	+ 0.0112	...	...	...
3403	4988	Lupi ... ..	κ	4.2	79.27	5	15 3 15.20	+ 4.1168	+ 0.0476	- 0.012	...	- 0.05
3404	4987	Lupi ... ..	ζ	3.5	77.40	5	15 3 18.96	+ 4.2830	+ 0.0549	- 0.0149	...	- 0.08
3405	...	Brisbane 5218 ...	...	7.2	66.42	5	15 4 0.70	+ 3.7007	+ 0.0273	...	...	- 0.15
3406	...	W.B.E. XV. 32 ...	...	8.3	69.61	5	15 4 2.05	+ 3.1915	+ 0.0112	...	...	...
3407	...	C.P.D. - 32°. 3827 ...	...	8.8	69.36	4	15 4 14.45	+ 3.6821	+ 0.0264	...	...	...
3408	4994	Lupi ... ..	ε	5.0	78.86	5	15 4 26.12	+ 4.0035	+ 0.0402	...	...	- 0.33
3409	5022	Groombridge 2213 (R.P.L. III)	...	6.9	75.82	46	15 4 27.99	- 6.8161	+ 1.1679	...	+ 0.51	...
3410	...	O.A.N. 15138 ...	...	8.3	71.44	4	15 4 29.86	+ 2.0405	+ 0.0015	...	...	...
3411	...	C.Z. XV. 348 ...	...	8.5	82.38	5	15 5 4.92	+ 4.9558	+ 0.0972	...	...	...
3412	4995	24 Libræ ... ..	ι	4.9	63.88	8	15 5 5.86	+ 3.4109	+ 0.0171	- 0.0048	- 0.05	- 0.04
3413	...	W.B.E. XV. 86 ...	...	9.0	70.40	5	15 7 6.77	+ 3.2104	+ 0.0114	...	...	...
3414	5005	Trianguli Australis	γ	3.0	78.60	2-7	15 7 16.56	+ 5.5115	+ 0.1397	- 0.0137	...	+ 0.04
3415	...	B.D. - 8°. 3924 ...	...	8.8	74.43	5	15 7 21.70	+ 3.2144	+ 0.0115	...	...	...
3416	...	C.P.D. - 40°. 6888 ...	...	8.0	71.92	4	15 7 26.12	+ 3.9050	+ 0.0349	...	...	...
3417	5011	Circini ... ..	β	4.0	79.27	5	15 7 44.51	+ 4.6557	+ 0.0748	- 0.0157	...	- 0.19
3418	...	Trianguli Australis	R	Var.	81.48	10	15 8 36.81	+ 5.2774	+ 0.1188	...	...	- 0.15
3419	5031	48 Boötis ... ..	χ	5.3	79.01	5	15 9 15.61	+ 2.5132	+ 0.0013	- 0.0077	+ 0.02	...
3420	5028	Lupi (1st) ... ..	μ	4.2	79.63	5	15 9 50.90	+ 4.1439	+ 0.0152	- 0.005	...	- 0.02
3421	5032	2 Lupi ... ..	f	4.7	79.05	5	15 10 13.67	+ 3.6347	+ 0.0239	- 0.0025	- 0.07	- 0.02
3422	5034	27 Libræ ... ..	β	2.7	73.80	151	15 10 16.89	+ 3.2271	+ 0.0117	- 0.0079	- 0.02	- 0.05
3423	5036	49 Boötis (1st) ...	δ	3.5	80.24	10	15 10 27.77	+ 2.4115	+ 0.0010	+ 0.0064	- 0.05	...
3424	...	Brisbane 5269 ...	...	7.8	82.37	5	15 10 49.16	+ 3.9620	+ 0.0865	...	...	- 0.14
3425	...	Anonymous ... ..	...	9.0	82.34	5	15 11 44.11	+ 5.0780	+ 0.1007	...	...	...
3426	...	C.P.D. - 39°. 6658 ...	...	9.0	82.37	5	15 12 24.87	+ 3.8889	+ 0.0830	...	...	...
3427	...	C.P.D. - 40°. 6929 ...	...	8.5	66.20	5	15 12 34.22	+ 3.9210	+ 0.0843	...	...	+ 0.12
3428	5048	Piazzi XV. 36 ...	...	5.6	72.81	5	15 12 48.25	+ 2.6890	+ 0.0028	...	+ 0.04	...
3429	...	Coronæ ... ..	U	Var.	77.37	10	15 13 5.77	+ 2.4461	+ 0.0013	...	...	...
3430	5046	Lupi ... ..	δ	3.4	77.43	5	15 13 10.18	+ 3.9155	+ 0.0340	- 0.0031	...	- 0.23

No.	Mean Polar Distance 1875 0	Annual Precession 1875 0	Secular Variation 1875 0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3396	41 21 55.3	+ 14.100	- 0.212	- 0.01	+ 0.3	...	...	...	...	1925	...
3397	97 24 56.6	.085	.387	...	...	...	...	...	...	...	...
3398	64 38 35.7	.068	.278	+ 0.191	+ 1.2	...	...	7003	...	1924	...
3399	144 52 4.5	.059	.467	...	...	0.0	6236	7053	8236	...	20543
3400	123 20 5.0	.057	.391	...	...	...	...	...	...	...	133
3401	152 33 25.9	+ 14.047	.517	...	...	+ 4.6	6230	...	8238	...	20549
3402	97 23 32.7	+ 13.998	.329	...	...	...	...	...	...	...	...
3403	138 15 37.7	.978	.410	+ 0.07	...	+ 1.2	6246	7070	8251	...	20570
3404	141 37 17.1	.974	.454	+ 0.069	...	- 0.3	6245	7068	8253	...	20572
3405	123 9 49.4	.381	.393	...	...	+ 1.3	6258	7079	8257	...	20584
3406	97 4 8.3	.929	.340	...	...	...	...	...	...	...	...
3407	122 21 16.9	.016	.392	...	...	...	...	...	...	...	291
3408	134 1 35.6	.904	- 0.438	...	...	+ 1.3	6257	7081	8259	...	20591
3409	5 33 57.4	.902	+ 0.710	...	+ 0.6	...	...	...	...	...	...
3410	43 2 37.7	.900	- 0.220	...	...	...	...	...	...	...	...
3411	152 50 49.2	.863	.528	...	...	...	...	...	...	...	548
3412	100 19 2.0	.862	.364	+ 0.035	+ 0.2	+ 0.9	...	7084	8261	1927	20601
3413	98 4 22.7	.734	.347	...	...	...	...	...	...	...	...
3414	158 12 55.5	.723	.593	+ 0.038	...	+ 1.3	6255	7085	8290	...	20657
3415	98 17 51.6	.718	.348	...	...	...	...	...	...	...	...
3416	130 29 0.7	.713	.420	...	...	...	...	...	...	...	513
3417	148 19 54.3	.693	.502	+ 0.158	...	- 1.7	6266	7099	8294	...	20668
3418	156 2 6.6	.698	.570	...	...	+ 1.2	6264	...	8296	...	20693
3419	60 22 14.0	.596	.275	- 0.033	- 0.4	...	...	7127	...	1935	...
3420	137 24 45.8	.559	.451	+ 0.08	...	- 0.4	6266	7121	8307	...	20713
3421	119 41 14.8	.534	.397	+ 0.028	+ 1.1	+ 0.4	6304	7128	8312	1931	20721
3422	98 55 12.4	.530	.353	+ 0.016	- 0.9	0.0	...	7129	8313	1934	20723
3423	56 13 3.8	.519	.266	+ 0.111	0.0	...	...	7132	...	1936	...
3424	131 58 41.0	.496	.433	...	...	+ 0.5	6302	...	8318	...	20732
3425	153 40 29.2	.436	.566	...	...	...	...	...	...	...	...
3426	129 22 31.7	.392	.428	...	...	...	...	...	...	...	846
3427	130 26 28.3	.381	.431	...	...	- 0.8	...	...	...	...	20764
3428	68 58 8.8	.367	.298	...	- 0.4	...	...	7143	...	...	...
3429	57 53 42.4	.347	.272	...	...	...	...	...	...	...	...
3430	130 11 [39.1]	+ 13.343	- 0.433	+ 0.031	...	[+ 4.6]	6326	7142	8340	...	20779



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
3431	...	Redhill 2293 ... ..	8.0	75.47	15-11	15 13 13.92	- 9.9196	+ 1.9427	...	...	...
3432	5049	Lupi ... ..	$\nu^1$ 5.0	79.60	5	15 13 26.41	+ 4.1615	+ 0.0448	...	...	- 0.05
3433	5054	Lupi ... ..	$\phi^1$ 3.3	80.04	5	15 13 52.73	+ 3.7942	+ 0.0290	- 0.0081	...	- 0.12
3434	5056	Lupi ... ..	$\epsilon$ 3.6	77.46	5	15 14 11.97	+ 4.0479	+ 0.0395	...	...	- 0.11
3435	...	Librae ... ..	$\delta$ Var.	78.98	10	15 14 13.52	+ 3.4357	+ 0.0170	...	...	+ 0.23
3436	...	C.P.D. - 33°. 3840 ...	9.0	67.14	4	15 14 53.35	+ 3.7280	+ 0.0264	...	...	...
3437	5060	Lupi ... ..	$\phi^3$ 4.7	78.87	5	15 15 10.20	+ 3.8140	+ 0.0295	...	...	- 0.25
3438	...	C.P.D. - 34°. 6355 ...	8.2	71.36	5	15 15 42.11	+ 3.7596	+ 0.0274	...	...	+ 0.14
3439	...	Lalande 28028 ... ..	7.3	71.38	5	15 15 46.23	+ 2.4441	+ 0.0014	...	+ 0.16	...
3440	...	Serpentis ... ..	$\delta$ Var.	64.89	2	15 15 48.61	+ 2.8065	+ 0.0042	...	...	...
3441	...	Coronae Bor. ... ..	$\delta$ Var.	73.25	10	15 16 18.37	+ 2.4455	+ 0.0014	...	+ 0.15	...
3442	5079	11 Ursae Minoris ...	5.1	79.00	4	15 17 12.31	- 0.0996	+ 0.0746	+ 0.008	- 0.16	...
3443	5074	31 Librae ... ..	$\epsilon$ 5.2	74.31	3	15 17 25.43	+ 3.2488	+ 0.0120	- 0.0078	...	- 0.06
3444	...	W.B.E. XV. 290 ... ..	8.0	74.23	5	15 17 37.19	+ 3.2966	+ 0.0131	...	...	...
3445	...	C.P.D. - 40°. 6975 ...	9.0	71.28	5	15 17 47.32	+ 3.9277	+ 0.0334	...	...	...
3446	5140	Groombridge 2288 (R.P.L. 114)	6.9	75.85	50	15 18 18.13	- 22.3784	+ 7.5594	...	+ 1.20	...
3447	...	W.B.E. XV. 319 ... ..	8.3	74.88	5	15 18 47.57	+ 3.2969	+ 0.0131	...	...	...
3448	...	C.P.D. - 40°. 6995 ...	7.2	70.03	5	15 19 37.22	+ 3.9372	+ 0.0334	...	...	- 0.07
3449	5084	51 Boötis .. ..	$\mu$ 4.4	78.83	5	15 19 46.17	+ 2.2780	+ 0.0014	- 0.0135	+ 0.07	...
3450	...	C.Z. XV. 1400 ... ..	8.1	82.36	5	15 20 25.96	+ 5.1441	+ 0.0983	...	...	...
3451	...	C.Z. XV. 1404 ... ..	8.5	82.35	5	15 20 30.35	+ 4.9422	+ 0.0848	...	...	...
3452	5094	13 Ursae Minoris ...	$\gamma$ 3.2	79.13	10	15 20 50.44	- 0.1438	+ 0.0750	- 0.0038	+ 0.01	...
3453	...	C.P.D. - 40°. 7008 ...	8.0	64.04	5	15 21 6.97	+ 3.9407	+ 0.0332	...	...	- 0.14
3454	5089	32 Librae ... ..	$\zeta^1$ 6.2	65.53	12	15 21 12.53	+ 3.3727	+ 0.0148	- 0.0010	- 0.02	0.00
3455	5097	12 Draconis ... ..	$\epsilon$ 3.4	79.44	10	15 22 9.13	+ 1.3264	+ 0.0133	- 0.0008	+ 0.05	...
3456	...	C.P.D. - 39°. 6788 ...	8.0	69.21	5	15 22 23.25	+ 3.9230	+ 0.0322	...	...	...
3457	...	W.B.E. XV. 395 ... ..	9.0	66.28	5	15 22 34.68	+ 3.2788	+ 0.0124	...	...	...
3458	5098	3 Coronae Bor. ... ..	$\beta$ 3.8	78.46	5	15 22 40.55	+ 2.4862	+ 0.0019	- 0.0144	+ 0.05	...
3459	...	Brisbane 5381 ... ..	8.0	68.06	5	15 22 47.83	+ 3.7479	+ 0.0258	...	...	- 0.00
3460	...	C.P.D. - 35°. 6578 ...	8.2	69.99	5	15 23 6.43	+ 3.8032	+ 0.0276	...	...	+ 0.05
3461	...	C.Z. XV. 1601 ... ..	8.0	69.24	5	15 23 22.49	+ 4.9941	+ 0.0862	...	...	+ 0.08
3462	...	C.P.D. - 43°. 7127 ...	8.2	82.36	5	15 23 26.95	+ 4.0472	+ 0.0868	...	...	- 0.06
3463	...	W.B.E. XV. 429 ... ..	9.0	66.34	5	15 24 38.62	+ 3.2844	+ 0.0125	...	...	...
3464	...	O.A.S. 14617 ... ..	9.0	80.47	5	15 24 39.22	+ 3.6678	+ 0.0228	...	...	...
3465	...	Brisbane 5376 ... ..	6.9	67.02	5	15 25 7.59	+ 3.9495	+ 0.0325	...	...	- 0.16

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3431	4 23 38.9	+ 13.342	+ 1.074	...	...	...	...	...	...	...	...
3432	137 28 14.0	.325	- 0.460	...	...	+ 0.3	6322	7143	8345	...	20786
3433	125 48 21.4	.297	.420	+ 0.085	...	- 0.5	6335	7151	8347	...	20793
3434	134 14 15.9	.276	.440	...	...	+ 0.3	6333	7152	8352	...	20806
3435	109 56 8.8	.274	.382	...	...	+ 0.8	...	...	...	...	20808
3436	123 9 53.6	.230	.414	...	...	...	...	...	...	...	1011
3437	126 24 31.3	.211	.324	...	...	+ 1.6	6349	7160	...	...	20825
3438	124 17 36.3	.176	.418	...	...	+ 0.5	6354	...	8364	...	21831
3439	58 4 24.7	.172	.274	...	+ 1.8	...	...	...	...	...	...
3440	75 14 8.8	.169	.314	...	...	...	...	...	...	...	...
3441	58 10 56.6	.136	- 0.275	...	+ 1.5	...	...	...	...	...	...
3442	17 43 21.2	.077	+ 0.005	- 0.003	0.0	...	...	7196	...	1954	...
3443	99 52 16.5	.063	- 0.367	+ 0.153	...	- 0.6	...	7182	...	1944	20866
3444	102 27 38.0	.050	.371	...	...	...	...	...	...	...	...
3445	130 6 3.3	.038	- 0.440	...	...	...	...	...	...	...	1213
3446	2 17 24.0	+ 13.004	+ 2.478	...	+ 0.2	...	...	...	...	...	...
3447	102 25 40.0	+ 12.972	- 0.373	...	...	...	...	...	...	...	...
3448	130 13 16.0	.916	.444	...	...	+ 1.4	6377	...	8401	...	20813
3449	52 10 59.6	.906	.260	- 0.092	- 0.9	...	...	7203	8402	1950	...
3450	153 39 37.2	.862	.582	...	...	...	...	...	...	...	1400
3451	151 14 51.9	.857	- 0.559	...	...	...	...	...	...	...	1404
3452	17 43 15.5	.827	+ 0.010	- 0.006	- 1.0	...	...	7228	...	1932	...
3453	130 10 56.2	.816	- 0.447	...	...	+ 3.2	...	...	...	...	20857
3454	106 16 44.7	.810	.384	+ 0.046	- 0.3	- 0.4	...	7211	8414	1949	20860
3455	30 35 44.8	.746	.155	- 0.014	+ 0.9	...	...	7229	...	1857	...
3456	129 28 20.3	.730	.445	...	...	...	...	...	...	...	1533
3457	101 17 49.3	.717	.374	...	...	...	...	...	...	...	...
3458	60 27 44.0	.711	.286	- 0.084	+ 0.3	...	...	7227	...	1955	...
3459	123 8 54.4	.703	.427	...	...	- 0.1	...	7220	8428	...	20863
3460	125 12 30.6	.681	.434	...	...	+ 2.6	...	...	...	...	21003
3461	151 39 21.7	.663	.567	...	...	+ 2.6	...	...	...	...	21007
3462	133 14 9.4	.658	.463	...	...	+ 1.2	...	...	...	...	21012
3463	101 30 47.6	.577	.377	...	...	...	...	...	...	...	...
3464	119 46 1.2	.576	.422	...	...	...	...	...	...	...	1674
3465	130 3 48.0	+ 12.544	- 0.453	...	...	+ 1.1	6412	7240	8446	...	21048

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
3466	...	C.P.D. - 40° . 7032 ...	9.0	71.19	5	15 25 16.79	+ 3.9539	+ 0.0327	...	...	...
3467	5103	Trianguli Australis $\epsilon$	4.1	78.51	5	15 25 18.60	+ 5.4050	+ 0.1122	+ 0.0013	...	+ 0.11
3468	5113	Radcliffe 3394 ...	6.7	70.16	4	15 25 24.55	+ 1.9068	+ 0.0037	...	...	...
3469	...	C.P.D. - 32° . 3911 ...	8.5	69.46	5	15 25 41.84	+ 3.7450	+ 0.0252	...	...	...
3470	...	C.P.D. - 32° . 3943 ...	7.0	70.43	5	15 26 20.31	+ 3.7460	+ 0.0252	...	...	- 0.01
3471	...	C.P.D. - 43° . 7150 ...	8.5	82.39	5	15 26 25.05	+ 4.0629	+ 0.0367	...	...	...
3472	5118	Lupi ... $\gamma$	3.0	79.44	10	15 26 48.93	+ 3.9760	+ 0.0331	- 0.0054	...	- 0.01
3473	...	Lalande 28320 ...	7.3	74.18	5	15 27 6.01	+ 3.3303	+ 0.0134	...	...	...
3474	5125	37 Libræ ... $\delta$	4.9	77.42	5	15 27 20.98	+ 3.2506	+ 0.0116	+ 0.0178	...	+ 0.06
3475	...	C.Z. XV. 1886... ..	8.0	82.33	5	15 27 31.60	+ 4.7802	+ 0.0708	...	...	- 0.10
3476	5120	Lalande 28344 ...	5.0	78.83	5	15 27 41.54	+ 3.2344	+ 0.0113	...	- 0.04	- 0.07
3477	5131	4 Coronæ Bor. ... $\theta$	4.3	78.66	5	15 27 53.52	+ 2.4197	+ 0.0019	- 0.0025	+ 0.08	...
3478	5134	38 Libræ ... $\gamma$	4.0	71.83	21	15 28 32.11	+ 3.3428	+ 0.0136	+ 0.0029	- 0.05	6.00
3479	...	C.Z. XV. 1975 ...	8.5	82.35	5	15 28 44.54	+ 5.3632	+ 0.1061	...	...	...
3480	5135	13 Serpentis (2nd) $\delta$	4.0	79.44	10	15 28 49.82	+ 2.8676	+ 0.0052	- 0.0057	- 0.10	...
3481	5143	5 Coronæ Bor. ( <i>Alpha</i> ) $\alpha$	2.4	72.68	112	15 29 23.72	+ 2.5297	+ 0.0023	+ 0.0081	0.00	...
3482	...	C.P.D. - 36° . 6843 ...	8.0	69.02	5	15 29 24.04	+ 3.8592	+ 0.0285	...	...	...
3483	5138	39 Libræ ... $\nu$	3.9	77.44	5	15 29 26.29	+ 3.6284	+ 0.0210	- 0.0029	...	- 0.10
3484	5139	Lupi ... $\omega$	4.0	80.42	5	15 29 38.25	+ 4.0312	+ 0.0345	- 0.0119	...	- 0.21
3485	...	C.P.D. - 29° . 4224 ...	9.3	71.39	5	15 29 39.34	+ 3.0758	+ 0.0224	...	...	...
3486	...	C.P.D. - 29° . 4225 ...	9.9	71.10	5	15 29 53.12	+ 3.6773	+ 0.0224	...	...	...
3487	5155	6 Coronæ Bor. ... $\mu$	5.4	79.43	5	15 30 39.60	+ 2.1982	+ 0.0022	+ 0.0013	- 0.11	...
3488	...	C.P.D. - 39° . 6784 ...	8.5	67.99	5	15 30 53.36	+ 3.9521	+ 0.0314	...	...	...
3489	5151	40 Libræ ... $\tau$	3.9	78.84	5	15 30 58.85	+ 3.6709	+ 0.0220	- 0.0060	- 0.08	- 0.11
3490	5154	W.B.E. XV. 557 ...	7.5	74.00	5	15 31 1.76	+ 3.3399	+ 0.0134	...	...	- 0.11
3491	...	C.P.D. - 43° . 7190 ...	8.0	82.37	5	15 31 20.58	+ 4.0729	+ 0.0355	...	...	- 0.05
3492	5158	W.B.E. XV. 564 ...	7.2	73.98	5	15 31 30.97	+ 3.3400	+ 0.0134	...	...	- 0.02
3493	5160	3 Lupi ... $\psi^1$	4.4	79.26	5	15 31 49.83	+ 3.7920	+ 0.0257	- 0.006	...	- 0.21
3494	...	Lalande 28530 ...	8.3	70.38	5	15 32 13.50	+ 2.0917	+ 0.0025	...	...	...
3495	...	W.B.E. XV. 587 ...	8.0	69.91	4	15 32 29.78	+ 3.3291	+ 0.0131	...	...	...
3496	5163	Lupi ... $g$	4.5	79.34	5	15 32 36.24	+ 4.1143	+ 0.0370	- 0.016	...	- 0.11
3497	...	Lalande 28504 ...	8.0	69.61	5	15 32 51.62	+ 3.3322	+ 0.0131	...	...	- 0.03
3498	5166	42 Libræ ...	5.2	80.07	5	15 32 53.59	+ 3.5358	+ 0.0180	- 0.0031	- 0.12	- 0.05
3499	...	C.P.D. - 26° . 5488 ...	9.7	73.36	5	15 33 0.53	+ 3.6098	+ 0.0201	...	...	...
3500	...	Brisbane 5418 ...	6.9	82.39	5	15 33 34.09	+ 4.0226	+ 0.0750	...	...	- 0.28

3483.—3 (*Liev.*) Scorpis3484.—P. M. Stone; B.A.C. Lupi  $\epsilon$ 

3493.—Red

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras-		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3436	130 11 14.5	+ 12.534	- 0.454	...	...	...	...	...	...	...	1776
3437	155 53 38.7	.532	.621	+ 0.085	...	+ 2.3	6308	7285	8450	...	21051
3438	41 51 23.5	.525	.222	...	...	...	...	...	...	...	...
3439	122 45 56.4	.505	.431	...	...	...	...	...	...	...	1745
3470	122 44 52.2	.461	.433	...	...	+ 1.9	6421	...	8450	...	21074
3471	133 23 40.5	.455	.472	...	...	...	...	...	...	...	1810
3472	130 44 41.0	.420	.460	+ 0.037	...	+ 0.1	6422	7247	8464	...	21084
3473	103 48 24.5	.409	.387	...	...	...	...	...	...	...	...
3474	99 38 3.1	.391	.378	+ 0.235	...	- 0.7	...	7258	...	1960	21096
3475	148 22 15.1	.379	.554	...	...	+ 2.6	...	...	...	...	21098
3476	98 45 40.1	.368	.376	...	- 0.9	+ 0.1	...	...	...	...	21105
3477	58 13 4.7	.354	.283	+ 0.009	+ 0.3	...	...	7264	...	1968	...
3478	104 22 14.8	.309	.389	- 0.018	- 1.3	+ 0.1	...	7205	...	1964	21127
3479	155 14 56.4	.293	.623	...	...	...	...	...	...	...	1975
3180	79 2 29.9	.290	.336	- 0.024	- 1.9	...	...	7270	...	1969	...
3181	62 51 48.7	.250	.297	+ 0.086	- 0.2	...	...	7275	8488	1973	...
3182	126 37 38.1	.250	.449	...	...	...	...	...	...	...	2023
3483	117 43 8.8	.247	.424	+ 0.012	...	- 1.9	6445	7272	8484	1966	21146
3484	132 9 18.6	.234	.471	- 0.11	...	+ 0.3	6443	7271	8487	...	21153
3485	119 40 1.4	.232	.429	...	...	...	...	...	...	...	...
3486	119 42 40.6	.215	.429	...	...	...	...	...	...	...	...
3487	50 34 25.8	.163	.260	- 0.002	+ 0.6	...	...	7287	...	1979	...
3488	129 35 41.6	.146	.463	...	...	...	...	...	...	...	2121
3489	119 21 53.2	.140	.431	+ 0.034	- 2.2	+ 1.2	6455	7279	8498	1970	21186
3490	104 7 1.1	.137	.398	...	...	- 0.3	...	7282	...	...	21189
3491	133 12 28.5	.115	.478	...	...	+ 1.7	...	...	...	...	21196
3492	104 6 9.0	.103	.394	...	...	+ 1.7	...	7289	...	...	21200
3493	121 0 7.7	.082	.446	+ 0.030	...	+ 0.7	6463	7290	8502	1972	21207
3494	47 27 30.8	.053	.249	...	...	...	...	...	...	...	...
3495	103 29 46.2	.035	.393	...	...	...	...	...	...	...	...
3496	134 14 42.0	.027	.485	+ 0.29	...	+ 1.1	6464	7294	8513	...	21226
3497	103 38 46.2	.009	.393	...	...	- 2.5	...	7300	...	...	21233
3498	113 24 35.9	+ 12.007	.418	+ 0.012	+ 0.1	- 1.0	6479	7298	8516	1978	21234
3499	116 38 50.0	+ 11.999	.426	...	...	...	...	...	...	...	...
3500	148 53 8.0	+ 11.959	- 0.561	...	...	+ 4.1	6458	...	8520	...	21243

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
3501	...	C.P.D. — 36°. 6854 ...	8.5	71.75	5	15 34 18.43	+ 3.8719	+ 0.0278	...	...	...
3502	5171	Lupi ...	$\lambda$	5.2	79.85	5	15 34 31.09	+ 3.6840	+ 0.0283	...	— 0.07
3503	...	W.B.E. XV. 645 ...	8.0	65.05	5	15 34 39.04	+ 3.3084	+ 0.0125	...	...	...
3504	5178	7 Coronæ Bor. (2nd) ...	$\zeta$	4.8	79.27	5	15 34 40.30	+ 2.2593	+ 0.0021	— 0.0021	— 0.03
3505	5173	4 Lupi ...	$\psi^2$	4.8	80.43	5	15 34 43.39	+ 3.8072	+ 0.0256	— 0.0064	— 0.08
3506	5176	43 Libræ ...	$\kappa$	5.0	71.81	5	15 34 44.77	+ 3.4489	+ 0.0157	— 0.0046	— 0.02
3507	5191	15 Ursæ Minoris ...	$\theta$	5.3	79.69	5	15 35 9.57	— 1.9024	+ 0.0124	— 0.040	— 0.56
3508	...	C.P.D. — 39°. 6803 ...	7.5	70.63	5	15 35 34.23	+ 3.9188	+ 0.0302	...	...	+ 0.04
3509	5187	21 Serpentis ...	$\iota$	4.6	78.89	5	15 35 58.64	+ 2.6770	+ 0.0035	— 0.0065	— 0.03
3510	5182	Brisbane 5442 ...	...	5.8	82.38	5	15 36 30.63	+ 5.4007	+ 0.1017	...	— 0.25
3511	...	W.B.E. XV. 675 ...	...	9.0	66.45	5	15 36 32.96	+ 3.3170	+ 0.0123	...	...
3512	...	C.Z. XV. 2567 ...	...	8.5	82.87	4	15 36 47.81	+ 5.4405	+ 0.1022	...	...
3513	5190	44 Libræ ...	$\eta$	5.5	79.25	5	15 37 2.64	+ 3.3685	+ 0.0136	— 0.0045	+ 0.12 + 0.03
3514	5192	8 Coronæ Bor. ...	$\gamma$	4.2	70.05	5	15 37 29.62	+ 2.5258	+ 0.0026	— 0.0084	— 0.02
3515	...	W.B.E. XV. 704 ...	...	8.3	66.39	5	15 37 49.93	+ 3.1232	+ 0.0089	...	...
3516	5196	24 Serpentis ...	$\alpha$	2.7	74.75	147	15 38 6.68	+ 2.9420	+ 0.0062	+ 0.0078	0.00
3517	5197	O.A.S. 14840 ...	...	7.8	74.03	5	15 38 23.59	+ 3.5648	+ 0.0182	...	— 0.05
3518	...	C.P.D. — 35°. 6607 ...	...	8.5	74.51	5	15 38 24.17	+ 3.8492	+ 0.0264	...	...
3519	...	O.A.S. 14841 ...	...	8.2	74.84	5-4	15 38 27.84	+ 3.5613	+ 0.0181	...	+ 0.08
3520	...	O.A.S. 14874 ...	...	8.3	69.62	5	15 40 5.15	+ 3.3627	+ 0.0133	...	...
3521	5214	27 Serpentis ...	$\lambda$	4.4	79.01	5	15 40 22.58	+ 2.9231	+ 0.0060	— 0.0162	— 0.03
3522	5216	28 Serpentis ...	$\beta$	3.8	79.12	10	15 40 25.12	+ 2.7617	+ 0.0043	+ 0.0039	— 0.06
3523	5218	Brisbane 5486 ...	...	5.7	75.12	5	15 41 24.75	+ 4.6239	+ 0.0555	...	+ 0.13
3524	5222	Brisbane 5489 ...	...	6.2	82.41	5	15 41 31.35	+ 4.1730	+ 0.0367	...	— 0.12
3525	...	B.D. + 27°. 2537 ...	...	8.8	68.84	5	15 41 54.05	+ 2.4889	+ 0.0027	...	...
3526	...	Lalande 28787 ...	...	8.2	64.64	5	15 42 40.42	+ 3.1273	+ 0.0088	...	...
3527	...	B.D. — 14°. 4288 ...	...	9.1	70.62	5	15 42 46.72	+ 3.3566	+ 0.0130	...	...
3528	...	Anonymous ...	...	10.2	71.57	5	15 42 59.42	+ 2.4798	+ 0.0027	...	...
3529	5227	5 Lupi ...	$\chi$	4.2	77.44	5	15 43 1.08	+ 3.7966	+ 0.0238	— 0.0023	— 0.09
3530	5230	32 Serpentis ...	$\mu$	3.5	79.45	10	15 43 5.86	+ 3.1310	+ 0.0089	— 0.0077	+ 0.01 + 0.01
3531	5234	35 Serpentis ...	$\kappa$	4.2	78.83	5	15 43 6.76	+ 2.7017	+ 0.0039	— 0.0042	— 0.05
3532	5224	Trianguli Australis ...	$\kappa$	5.3	79.83	5	15 43 10.08	+ 5.8405	+ 0.1245	...	+ 0.02
3533	5236	Coronæ Bor. ...	$\zeta$ Var.	71.42	8	15 43 25.37	+ 2.4705	+ 0.0026	...	— 0.08	
3534	...	O.A.S. 14034 ...	...	8.8	70.23	5	15 43 27.10	+ 3.4299	+ 0.0145	...	...
3535	5232	1 Scorpis ...	$\delta$	4.8	78.67	5	15 43 27.83	+ 3.5969	+ 0.0184	— 0.0058	— 0.04 — 0.05

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3501	126 37 23-0	+ 11-907	- 0-458	...	...	...	...	...	...	...	2383
3502	127 1 19-4	'892	'460	...	...	+ 1-2	6486	7309	8528	...	21269
3503	102 21 26-1	'883	'393	...	...	...	...	...	...	...	...
3504	52 57 25-0	'882	'277	+ 0-002	- 1-4	...	...	7316	...	3242	...
3505	124 18 26-1	'878	'452	+ 0-021	...	+ 0-9	6489	7312	8533	1980	21274
3506	100 16 18-8	'876	- 0-409	+ 0-097	...	+ 1-3	...	7314	8532	1981	21276
3507	12 14 5-3	'847	+ 0-219	- 0-014	- 0-8	...	...	7336	...	2008	...
3508	129 3 37-0	'818	- 0-471	...	...	- 0-1	...	...	...	...	21294
3509	69 55 33-8	'790	'321	+ 0-028	+ 0-1	...	...	7325	...	1986	...
3510	155 2 53-0	'751	'643	...	...	+ 3-2	6477	...	8549	...	21319
3511	102 43 36-1	'748	'396	...	...	...	...	...	...	...	...
3512	155 7 12-5	'731	'645	...	...	...	...	...	...	...	2567
3513	105 16 22-1	'714	'404	+ 0-063	- 0-8	- 0-7	...	7328	...	1985	21327
3514	63 18 25-3	'682	'304	- 0-042	+ 2-6	...	...	7332	...	1991	...
3515	92 36 58-1	'657	'375	...	...	...	...	...	...	...	...
3516	83 10 46-1	'638	'354	- 0-054	- 1-1	...	...	7333	8557	1990	...
3517	114 19 15-7	'618	'429	...	...	+ 1-2	...	...	8559	...	21350
3518	125 29 14-8	'617	'433	...	...	...	...	...	...	...	2682
3519	114 9 52-8	'613	'428	...	...	- 0-5	...	...	...	...	21351
3520	104 50 44-5	'497	'405	...	...	...	...	...	...	...	...
3521	82 15 12-5	'476	'355	+ 0-057	- 1-7	...	...	7347	...	1995	...
3522	74 11 9-7	'473	'336	+ 0-045	+ 1-1	...	...	7349	...	1996	...
3523	144 49 18-3	'492	'500	...	...	+ 0-1	6524	...	8591	...	21421
3524	135 0 58-9	'394	'506	...	...	+ 1-9	6529	7350	8592	...	21426
3525	62 5 21-4	'366	'301	...	...	...	...	...	...	...	...
3526	92 50 58-6	'310	'381	...	...	...	...	...	...	...	...
3527	104 26 26-4	'302	'409	...	...	...	...	...	...	...	...
3528	61 48 46-7	'287	'304	...	...	...	...	...	...	...	...
3529	123 14 41-5	'285	'463	+ 0-632	...	+ 1-7	6548	7356	8602	1998	21454
3530	93 2 46-5	'280	'383	+ 0-020	+ 0-5	+ 0-7	...	7359	8604	2001	21457
3531	71 28 15-8	'278	'331	+ 0-088	- 0-7	...	...	7362	...	2002	...
3532	158 13 39-6	'275	'709	...	...	+ 2-1	6518	...	8607	...	21460
3533	61 27 32-3	'256	'303	...	+ 1-4	...	...	...	...	...	...
3534	107 54 28-5	'254	'418	...	...	...	...	...	...	...	...
3535	115 22 10-0	+ 11-253	- 0-439	+ 0-038	- 0-1	- 0-6	6557	7360	8608	2000	21469

No.	R.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
3536	...	C.P.D. - 44° 7652	...	8.8	82.47	5	15 43 52.05	+ 4.1712	+ 0.0359	...	...
3537	5233	Trianguli Australis	β	3.1	79.52	10	15 44 8.87	+ 5.2525	+ 0.0864	- 0.0302	...
3538	5244	10 Coronæ Bor.	δ	4.6	78.08	5	15 44 21.11	+ 2.5202	+ 0.0028	- 0.0075	- 0.01
3539	...	B.D. - 14° 4290	...	9.0	73.52	5	15 44 34.81	+ 3.3572	+ 0.0129	...	...
3540	5245	37 Serpentis	ε	3.7	81.65	61	15 44 35.12	+ 2.9779	+ 0.0066	+ 0.0070	- 0.01
3541	...	W.B.E. XV. 838	...	8.0	70.01	5	15 44 36.81	+ 3.3590	+ 0.0129	...	...
3542	5246	36 Serpentis	δ	5.2	71.64	6	15 44 45.18	+ 3.1249	+ 0.0087	- 0.0078	...
3543	...	Serpentis	η	Var.	72.77	8	15 44 55.83	+ 2.7638	+ 0.0043	...	...
3544	...	O.A.S. 14963	...	7.2	70.45	4	15 45 6.19	+ 3.1449	+ 0.0145	...	...
3545	5252	38 Serpentis	ρ	4.8	78.88	5	15 45 46.47	+ 2.6366	+ 0.0035	- 0.0047	...
3546	...	C.P.D. - 40° 7128	...	8.2	83.45	4	15 45 55.62	+ 4.0326	+ 0.0306	...	...
3547	5251	45 Libræ ...	λ	5.0	77.52	3	15 46 4.87	+ 3.4735	+ 0.0152	- 0.0026	+ 0.13
3548	5250	2 Scorpis ...	Δ	4.7	79.49	5	15 46 6.61	+ 3.5911	+ 0.0180	- 0.0035	0.00
3549	...	W.B.E. XV. 861	...	9.5	75.02	5	15 46 8.33	+ 3.2983	+ 0.0116	...	...
3550	5259	11 Coronæ Bor.	κ	4.7	79.27	5	15 46 31.26	+ 2.2596	+ 0.0025	- 0.0033	- 0.10
3551	5257	46 Libræ ...	θ	4.3	70.59	10	15 46 42.54	+ 3.4003	+ 0.0136	+ 0.0067	- 0.05
3552	...	Radcliffe 3462	...	7.3	71.20	5	15 46 42.96	+ 2.0327	+ 0.0033	...	...
3553	...	R.P.L. 116	...	6.9	70.92	50	15 46 45.36	- 10.3296	+ 1.5339	...	...
3554	...	Anonymous	...	9.1	75.36	5	15 47 1.88	+ 4.8080	+ 0.0613	...	...
3555	...	O.A.S. 14996	...	8.8	71.45	5	15 47 7.19	+ 3.3780	+ 0.0131	...	...
3556	...	C.P.D. - 40° 7140	...	8.0	82.43	5	15 47 30.93	+ 4.0257	+ 0.0300	...	...
3557	5271	1 Hercules ...	χ	4.5	72.19	4	15 48 21.14	+ 2.0328	+ 0.0034	+ 0.0373	- 0.11
3558	...	Lalande 28070	...	8.5	70.05	5	15 48 27.52	+ 2.6825	+ 0.0039	...	...
3559	5285	16 Ursæ Minoris	ζ	4.5	69.83	8	15 48 31.13	- 2.2931	+ 0.2031	+ 0.0061	+ 0.37
3560	5268	Lupi (1st)	ξ	4.5	78.88	5	15 48 54.26	+ 3.8190	+ 0.0235	...	+ 0.20
3561	5269	Lupi (2nd)	ξ	6.2	78.60	5	15 48 54.80	+ 3.8190	+ 0.0235	...	- 0.03
3562	5272	5 Scorpis ...	ρ	4.0	77.47	5	15 49 10.09	+ 3.6918	+ 0.0200	- 0.0025	- 0.08
3563	5279	Radcliffe 3468	...	5.9	80.41	5	15 49 22.01	+ 1.3910	+ 0.0108	...	- 0.24
3564	...	Lalande 28980	...	6.4	67.47	5	15 49 31.38	+ 3.3628	+ 0.0127	...	...
3565	...	O.A.S. 15053	...	8.2	69.86	5	15 49 39.40	+ 3.3839	+ 0.0131	...	...
3566	...	C.P.D. - 43° 7400	...	6.9	82.39	4	15 49 43.18	+ 4.1494	+ 0.0335	...	...
3567	...	W.B.E. XV. 923	...	9.0	72.19	4	15 49 55.12	+ 3.3736	+ 0.0128	...	...
3568	...	O.A.S. 15055	...	7.5	69.85	5	15 50 0.62	+ 3.3885	+ 0.0132	...	+ 0.13
3569	...	B.D. - 13° 4296	...	8.7	68.49	5	15 50 1.58	+ 3.3537	+ 0.0125	...	...
3570	5284	41 Serpentis	γ	4.0	79.43	10	15 50 40.75	+ 2.7467	+ 0.0043	+ 0.0197	- 0.04

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3536	134 46 8.3	+ 11.224	- 0.500	...	...	+ 2.2	...	...	...	...	21477
3537	153 2 32.7	.204	.640	+ 0.401	...	+ 3.2	6533	7358	8512	...	21484
3538	63 32 52.0	.189	.310	+ 0.078	+ 0.5	...	...	7374	...	2010	...
3539	104 23 34.4	.172	.411	...	...	...	...	...	...	...	...
3540	85 8 40.0	.172	.365	- 0.073	- 0.4	...	...	7372	8617	2005	...
3541	104 20 3.2	.170	.408	...	...	...	...	...	...	...	...
3542	92 42 39.2	.160	.384	+ 0.021	...	+ 1.0	...	7373	...	2004	21496
3543	74 29 7.9	.144	.340	...	...	...	...	...	...	...	...
3544	108 3 34.2	.134	.421	...	...	...	...	...	...	...	...
3545	68 38 42.1	.085	.325	- 0.017	...	...	...	7380	...	2013	...
3546	130 45 2.3	.074	.495	...	...	+ 2.4	...	...	...	...	21516
3547	109 47 28.8	.063	.428	+ 0.013	- 0.6	- 0.5	...	7377	...	2007	21520
3548	114 57 7.1	.061	.442	+ 0.014	+ 0.2	- 0.7	6374	7376	8028	2006	21521
3549	101 27 30.5	.059	.406	...	...	...	...	...	...	...	...
3550	83 57 10.1	.031	.280	+ 0.337	- 3.4	...	...	7387	...	2018	...
3551	166 21 38.0	.017	.418	- 0.131	- 0.1	+ 1.6	...	7384	...	2011	21534
3552	47 3 39.0	.017	- 0.252	...	...	...	...	...	...	...	...
3553	4 45 56.2	+ 11.015	+ 1.524	...	...	...	...	...	...	...	...
3554	147 12 43.5	+ 10.993	- 0.591	...	...	...	...	...	...	...	...
3555	105 17 29.0	.987	.416	...	...	...	...	...	...	...	...
3556	139 24 55.4	.958	.497	...	...	...	...	...	...	...	3321
3557	47 11 50.0	.896	.254	- 0.601	- 0.4	...	...	7402	...	2021	...
3558	70 51 4.8	.889	- 0.333	...	...	...	...	...	...	...	...
3559	11 49 18.6	.881	+ 0.276	+ 0.007	- 0.4	...	...	7426	...	2041	...
3560	123 35 54.7	.856	- 0.473	...	+ 1.7	+ 0.4	6592	7395	...	...	21580
3561	123 35 47.0	.855	.473	...	- 2.3	+ 0.5	...	7396	8657	...	21587
3562	118 50 50.1	.835	.458	+ 0.025	0.0	+ 0.5	6601	7398	8659	2017	21592
3563	33 48 13.6	.822	.176	...	+ 2.1	...	...	...	...	...	...
3564	104 27 43.4	.810	.417	...	...	+ 0.3	...	...	...	...	21601
3565	105 27 55.6	.800	.420	...	...	...	...	...	...	...	...
3566	133 42 56.5	.796	.515	...	...	- 0.4	6596	7401	8664	...	21605
3567	104 58 1.2	.781	.419	...	...	...	...	...	...	...	...
3568	105 40 5.8	.775	.421	...	...	+ 0.1	...	...	...	...	21615
3569	104 0 59.1	.773	.417	...	...	...	...	...	...	...	...
3570	73 55 46.0	+ 10.725	- 0.344	+ 1.282	+ 1.0	...	...	7411	8672	2023	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C. & A.
3571	...	Lalande 29054 ...	8.3	68.01	5	15 51 7.57	+ 3.3562	+ 0.0125	...	...	...
3572	5290	48 Librae ...	4.8	68.93	4	15 51 11.42	+ 3.3526	+ 0.0124	- 0.0028	+ 0.05	- 0.09
3573	5289	6 Scorpii ...	$\pi$	78.47	10	15 51 17.47	+ 3.6180	+ 0.0179	- 0.0030	- 0.09	- 0.12
3574	5298	4 Hercules ...	5.7	73.67	4	15 51 18.18	+ 2.0135	+ 0.0035	- 0.001	+ 0.05	...
3575	5292	Lupi ( <i>Ist</i> ) ...	$\eta$	78.67	5	15 51 50.44	+ 3.4588	+ 0.0269	...	...	- 0.21
3576	...	C.Z. XV. 3646 ...	8.2	70.03	5	15 51 54.71	+ 4.0204	+ 0.0506	...	...	- 0.10
3577	...	O.A.S. 15089 ...	$\theta$	73.97	5	15 52 8.15	+ 3.3945	+ 0.0131	...	...	...
3578	5302	13 Coronae Bor. ...	$\epsilon$	4.1	5	15 52 24.55	+ 2.4878	+ 0.0030	- 0.0075	- 0.17	...
3579	...	C.Z. XV. 3714 ...	8.5	80.44	4	15 52 52.51	+ 5.0536	+ 0.0634	...	...	...
3580	5303	7 Scorpii ...	$\delta$	2.5	10	15 52 56.60	+ 3.5377	+ 0.0159	- 0.0025	- 0.05	- 0.07
3581	5300	Brisbane 5557 ...	6.8	81.56	1	15 53 7.67	+ 5.0513	+ 0.0694	...	...	+ 0.02
3582	5304	49 Librae ...	5.6	71.98	4	15 53 18.98	+ 3.4021	+ 0.0131	- 0.0474	+ 0.15	+ 0.13
3583	5301	Normae ...	$\zeta$	4.8	5	15 53 22.76	+ 4.8530	+ 0.0598	...	...	+ 0.01
3584	5305	Normae ...	$\eta$	4.7	4	15 54 2.14	+ 4.3781	+ 0.0402	...	...	- 0.02
3585	...	Coronae Bor. ...	<i>T</i> Var.	75.42	10	15 54 16.38	+ 2.5090	+ 0.0030	...	...	...
3586	5311	Brisbane 5571 ...	5.1	78.88	5	15 55 5.66	+ 3.9735	+ 0.0267	...	...	- 0.10
3587	...	C.P.D. - 36°. 6922 ...	8.0	70.45	5	15 55 10.03	+ 3.9272	+ 0.0253	...	...	+ 0.12
3588	...	O.A.S. 15146 ...	8.7	72.93	4	15 55 24.83	+ 3.4333	+ 0.0135	...	...	...
3589	...	O.A.S. 15148 ...	8.2	73.39	4	15 55 27.43	+ 3.4401	+ 0.0137	...	...	...
3590	...	C.P.D. - 36°. 6926 ...	8.0	75.45	5	15 55 59.43	+ 3.9345	+ 0.0253	...	...	+ 0.26
3591	...	Lalande 29193 ...	8.6	70.70	4	15 56 18.75	+ 3.0120	+ 0.0069	...	...	...
3592	...	W.B.E. XV. 1044 ...	8.0	70.24	5	15 56 24.98	+ 3.1824	+ 0.0052	...	...	+ 0.02
3593	...	W.B.E. XV. 1047 ...	8.0	70.45	5	15 56 30.44	+ 3.0984	+ 0.0079	...	...	...
3594	5322	44 Serpentina ...	$\pi$	5.0	5	15 56 54.72	+ 2.5810	+ 0.0034	0.0000	- 0.06	...
3595	5324	51 Librae ...	4.1	70.61	5	15 57 29.73	+ 3.2065	+ 0.0109	- 0.0065	- 0.01	- 0.03
3596	5323	Normae ...	$\delta$	4.8	5	15 57 39.89	+ 4.2164	+ 0.0334	- 0.0026	...	- 0.02
3597	5329	8 Scorpii ...	$\beta^1$	5.2	121	15 58 10.23	+ 3.4794	+ 0.0142	- 0.0023	- 0.01	- 0.02
3598	5330	Scorpii ...	$\beta^2$	7.5	5	15 58 10.68	+ 3.4793	+ 0.0142	- 0.0023	0.00	+ 0.02
3599	...	C.P.D. - 45°. 7797 ...	3.0	82.36	5	15 58 22.39	+ 4.2255	+ 0.0335	...	...	- 0.13
3600	5331	Lupi ...	$\theta$	4.4	5	15 58 23.22	+ 3.9242	+ 0.0246	- 0.0037	...	- 0.13
3601	5338	6 Hercules ...	$\nu$	4.7	5	15 58 54.00	+ 1.8604	+ 0.0047	+ 0.0052	- 0.32	...
3602	5332	Normae ...	$\zeta^2$	5.8	5	15 59 2.98	+ 4.8919	+ 0.0586	...	...	+ 0.18
3603	5337	9 Scorpii ...	$\omega^1$	4.1	9	15 59 29.72	+ 3.5006	+ 0.0144	- 0.0029	- 0.12	- 0.13
3604	5348	13 Draconis ...	$\theta$	4.2	10	15 59 33.00	+ 1.1551	+ 0.0145	- 0.0405	+ 0.15	...
3605	...	O.A.S. 15237 ...	7.3	70.25	5	15 59 56.68	+ 3.4174	+ 0.0129	...	...	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Magras —		
										Grn. 1880	C.G.A.	
3606	...	Lalande 29306 ...	...	7.5	68.70	4	h m s 16 0 4.07	s + 3.4396	s + 0.0132	...	...	
3607	5342	10 Scorpii ...	$\omega^2$	4.6	78.49	5	16 0 4.58	+ 3.5058	+ 0.0145	+ 0.0013	0.00	+ 0.03
3608	5347	Scorpii ...	$m$	5.8	79.89	5	16 0 30.09	+ 3.6374	+ 0.0172	...	- 0.02	+ 0.01
3609	...	B.D. — 15°. 4250 ...	...	8.3	68.41	5	16 0 35.78	+ 3.3896	+ 0.0123	...	...	...
3610	...	Herculis ...	$\mathcal{R}$	Var.	66.37	1	16 0 36.41	+ 2.6796	+ 0.0140	...	...	...
3611	5351	11 Scorpii ...	...	5.6	74.55	5	16 0 40.10	+ 3.3273	+ 0.0112	- 0.0050	+ 0.17	+ 0.12
3612	...	O.A.S. 15281 ...	...	9.0	67.43	5	16 1 35.90	+ 3.4003	+ 0.0124	...	...	...
3613	...	Lalande 29391 ...	...	7.1	64.04	5	16 2 25.46	+ 3.3352	+ 0.0113	...	...	...
3614	...	R.P.L. 116 ...	...	6.9	76.58	48	16 2 25.94	- 12.2678	+ 1.7488	...	...	...
3615	...	Lalande 29414 ...	...	7.3	73.93	5	16 2 55.83	+ 3.3319	+ 0.0111	...	...	...
3616	5370	Normæ ...	$\zeta$	6.0	79.06	5	16 3 26.05	+ 4.7532	+ 0.0506	...	...	- 0.26
3617	5373	Normæ ...	$\kappa$	5.1	80.56	5	16 3 37.84	+ 4.0383	+ 0.0483	- 0.0006	...	+ 0.03
3618	...	C.P.D. — 35°. 6679 ...	...	8.5	82.43	5	16 3 43.18	+ 3.8088	+ 0.0228	...	...	...
3619	...	O.A.S. 15342 ...	...	8.3	68.02	5	16 4 4.23	+ 3.4475	+ 0.0130	...	...	...
3620	5375	Trianguli Australis	$\delta$	4.0	81.32	5	16 4 4.65	+ 5.4010	+ 0.0791	- 0.0025	...	- 0.10
3621	...	R.P.L. 117 ...	...	7.2	82.87	20	16 4 18.61	- 8.0183	+ 0.8639	...	...	...
3622	...	Melbourne 1394 ...	...	7.8	82.87	5	16 4 27.97	+ 4.1928	+ 0.0307	...	...	- 0.07
3623	5381	13 Scorpii ...	$\epsilon^2$	4.7	79.05	5	16 4 36.29	+ 3.0844	+ 0.0176	+ 0.0002	- 0.07	- 0.13
3624	5382	14 Scorpii ...	$\nu$	4.2	68.08	9	16 4 43.90	+ 3.4787	+ 0.0136	- 0.0028	- 0.03	- 0.05
3625	...	B.D. — 17°. 4511 ...	...	7.3	68.85	5	16 4 49.72	+ 3.4509	+ 0.0130	...	...	...
3626	5388	11 Herculis ...	$\phi$	4.2	80.43	5	16 4 49.84	+ 1.8897	+ 0.0046	- 0.0031	...	...
3627	5386	15 Scorpii ...	$\psi$	4.8	79.06	5	16 5 10.11	+ 3.2734	+ 0.0160	- 0.0035	+ 0.03	0.00
3628	...	C.P.D. — 35°. 6682 ...	...	9.0	82.92	4	16 5 34.26	+ 3.0087	+ 0.0227	...	...	...
3629	5406	Groombridge 2320 ...	...	5.4	79.71	5	16 5 59.10	+ 0.1438	+ 0.0108	...	- 0.23	...
3630	5390	Normæ ...	$\theta$	5.3	80.30	5	16 6 11.24	+ 4.3349	+ 0.0347	...	...	- 0.11
3631	...	W.B.E. XVI. 83 ...	...	8.0	68.82	5	16 6 39.73	+ 3.3378	+ 0.0110	...	...	...
3632	5397	Brisbane 5646 ...	...	6.6	82.37	5	16 6 42.78	+ 4.1537	+ 0.0290	...	...	- 0.16
3633	...	O.A.S. 15412 ...	...	8.3	68.46	5	16 6 56.68	+ 3.4117	+ 0.0122	...	...	...
3634	...	O.A.S. 15416 ...	...	6.8	74.05	5	16 7 7.98	+ 3.5194	+ 0.0140	...	...	- 0.05
3635	...	O.A.S. 15418 ...	...	8.5	68.40	5	16 7 8.49	+ 3.4148	+ 0.0123	...	...	...
3636	...	C.P.D. — 45°. 7887 ...	...	8.0	82.79	5	16 7 22.87	+ 4.2539	+ 0.0318	...	...	- 0.08
3637	5404	Normæ ...	$\gamma^1$	5.0	80.74	5	16 7 39.82	+ 4.4657	+ 0.0383	...	...	- 0.06
3638	...	C.P.D. — 45°. 7838 ...	...	9.0	83.18	5	16 7 40.27	+ 4.2612	+ 0.0319	...	...	...
3639	5414	1 Ophiuchi ...	$\delta$	2.8	74.34	110	16 7 47.71	+ 3.1417	+ 0.0081	- 0.0045	- 0.03	- 0.05
3640	...	Lalande 29610 ...	...	7.8	69.46	5	16 8 47.65	+ 3.4018	+ 0.0119	...	...	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	G.G.A.					
3606	107 35 50'0	+ 10'022	- 0'438	...	...	...	...	...	...	...	...
3607	110 31 45'7	+ 10'021	'447	+ 0'054	+ 0'5	+ 0'1	...	7481	8764	2040	21849
3608	115 59 22'5	+ 9'988	- 0'364	...	- 0'9	- 2'3	6702	7484	8760	...	21860
3609	105 18 11'6	'982	+ 0'432	...	...	...	...	...	...	...	...
3610	71 14 33'3	'981	- 0'343	...	...	...	...	...	...	...	...
3611	102 24 20'6	'977	'425	+ 0'033	- 0'4	+ 0'3	...	7486	...	2042	21863
3612	105 45 32'6	'905	'435	...	...	...	...	...	...	...	...
3613	102 43 10'9	'813	- 0'127	...	...	...	...	...	...	...	...
3614	4 20 33'4	'812	+ 1'555	...	...	...	...	...	...	...	...
3615	102 33 17'6	'804	- 0'428	...	...	...	...	...	...	...	...
3616	145 12 49'3	'766	'610	...	...	- 0'5	6705	...	8796	...	21918
3617	144 18 15'3	'751	'603	+ 0'05	...	+ 0'4	6712	7507	8798	...	21921
3618	125 16 37'8	'744	'501	...	...	...	...	...	...	...	285
3619	107 47 17'4	'717	'443	...	...	...	...	...	...	...	...
3620	153 21 50'7	'716	- 0'694	+ 0'016	...	+ 3'7	6701	7505	8805	...	21939
3621	6 1 24'0	'698	+ 1'018	...	...	...	...	...	...	...	...
3622	133 44 55'9	'687	- 0'539	...	...	+ 0'1	...	...	...	...	21947
3623	117 36 0'6	'676	'475	+ 0'022	+ 0'7	+ 1'5	6730	7518	8807	2052	21949
3624	169 8 2'1	'666	'448	+ 0'013	- 0'5	- 0'2	...	7521	8809	2055	21954
3625	107 54 20'9	'659	'444	...	...	...	...	...	...	...	...
3626	44 44 11'2	'659	'246	- 0'035	...	...	...	7528	...	2061	...
3627	99 44 18'8	'633	'623	+ 0'007	- 0'2	0'0	...	7524	...	2056	21962
3628	125 28 30'9	'602	'505	...	...	...	...	...	...	...	413
3629	21 51 34'9	'570	'022	...	- 2'9	...	...	...	...	...	...
3630	137 3 3'1	'555	'500	...	...	- 0'3	6734	7527	8822	...	21974
3631	102 42 40'5	'518	'431	...	...	...	...	...	...	...	...
3632	132 34 52'5	'514	'537	...	...	+ 2'6	6730	7532	8827	...	21981
3633	106 4 52'2	'497	'442	...	...	...	...	...	...	...	...
3634	110 47 15'2	'482	'450	...	...	+ 0'4	...	...	...	...	22000
3635	106 13 16'1	'481	'442	...	...	...	...	...	...	...	...
3636	135 4 15'7	'463	'551	...	...	- 1'0	6748	...	8832	...	22005
3637	139 45 10'0	'441	'579	...	...	- 0'2	6746	...	8836	...	22012
3638	135 13 40'9	'440	'552	...	...	...	...	...	...	...	550
3639	98 22 15'4	'431	'408	+ 0'140	+ 0'2	+ 1'1	...	7549	8838	2065	22017
3640	105 34 14'8	+ 9'353	- 0'442	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
3641	5420	18 Scorpii ... ..	5.7	79.90	5	16 8 49.74	+ 3.2302	+ 0.0094	+ 0.0112	+ 0.01	+ 0.05
3642	...	O.A.S. 15470 ... ..	8.5	66.97	6	16 9 47.87	+ 3.5660	+ 0.0117	...	...	- 0.01
3643	...	C.P.D. - 34°. 6484 ... ..	7.6	83.03	5	16 10 6.35	+ 3.8807	+ 0.0214	...	...	- 0.20
3644	...	Scorpii ... .. $\mathcal{R}$	Var.	69.96	9	16 10 12.07	+ 3.5670	+ 0.0147	...	...	...
3645	...	Scorpii ... .. $\mathcal{S}$	Var.	69.92	6	16 10 13.53	+ 3.5658	+ 0.0146	...	...	...
3646	...	C.P.D. - 23°. 6172 ... ..	9.8	73.38	9	16 10 22.43	+ 3.5661	+ 0.0147	...	...	+ 0.03
3647	5425	Normæ ... .. $\gamma^x$	4.2	81.31	5	16 10 29.49	+ 4.4794	+ 0.0378	- 0.0199	...	- 0.20
3648	5429	Scorpii ... .. $d$	5.0	80.37	5	16 10 33.02	+ 3.7116	+ 0.0173	...	+ 0.21	- 0.02
3649	5427	Normæ ... .. $\lambda$	5.6	78.85	5	16 10 35.78	+ 4.1552	+ 0.0280	...	...	- 0.25
3650	...	C.P.D. - 40°. 7253 ... ..	8.2	82.52	5	16 10 42.01	+ 4.0871	+ 0.0263	...	...	- 0.19
3651	5437	2 Ophiuchi ... .. $\epsilon$	3.4	79.47	10	16 11 42.47	+ 3.1636	+ 0.0083	+ 0.0036	+ 0.04	- 0.08
3652	...	W.B.E. XVI. 197 ... ..	8.0	79.89	5	16 11 51.08	+ 3.3080	+ 0.0102	...	...	...
3653	...	O.A.S. 15504 ... ..	9.1	70.49	5	16 11 59.40	+ 3.4301	+ 0.0121	...	...	...
3654	...	B.D. - 17°. 4513 ... ..	9.4	69.58	5	16 13 2.47	+ 3.4519	+ 0.0123	...	...	...
3655	5445	19 Scorpii ... .. $\theta$	4.7	80.07	5	16 13 7.09	+ 3.6905	+ 0.0150	- 0.0041	...	+ 0.11
3656	...	O.A.S. 15544 ... ..	8.2	67.01	5	16 13 24.51	+ 3.4326	+ 0.0119	...	...	...
3657	5447	20 Scorpii ... .. $\sigma$	3.0	64.41	5	16 13 35.56	+ 3.6372	+ 0.0156	- 0.0027	- 0.04	- 0.04
3658	...	O.A.S. 15552 ... ..	9.0	67.67	5	16 13 52.01	+ 3.4470	+ 0.0121	...	...	...
3659	...	Brisbane 5693 ... ..	6.6	83.18	5	16 14 1.37	+ 5.4035	+ 0.0715	...	...	- 0.49
3660	5462	19 Ursæ Minoris ... ..	5.5	82.06	5	16 14 24.73	- 1.8002	+ 0.1266	- 0.0004	- 0.11	...
3661	...	C.Z. XVI. 1057 ... ..	7.5	69.27	5	16 15 6.16	+ 4.8647	+ 0.0492	...	...	+ 0.10
3662	5459	Groombridge 2332 ... ..	5.4	80.33	5	16 15 10.34	+ 0.9806	+ 0.0161	...	+ 0.06	...
3663	...	Scorpii ... .. $\mathcal{U}$	Var.	63.39	2	16 15 18.69	+ 3.4525	+ 0.0121	...	...	...
3664	...	Piazzi XVI. 55 ... ..	5.3	82.54	5	16 15 33.51	+ 4.0408	+ 0.0240	+ 0.0042	...	- 0.10
3665	...	O.A.S. 15571 ... ..	7.0	80.87	5	16 15 43.39	+ 3.4330	+ 0.0117	...	...	0.00
3666	5450	50 Serpentis ... .. $\sigma$	4.8	79.68	5	16 15 44.71	+ 3.0444	+ 0.0067	- 0.0131	+ 0.18	...
3667	5463	23 Hercules ... .. $\tau$	3.9	80.51	5	16 15 59.14	+ 1.8010	+ 0.0052	- 0.0017	+ 0.03	...
3668	5454	Trianguli Australis ... .. $\iota$	5.3	81.07	5	16 16 21.68	+ 5.5130	+ 0.0745	...	...	- 0.06
3669	5466	20 Hercules ... .. $\gamma$	3.8	82.03	42	16 16 24.34	+ 2.6476	+ 0.0038	- 0.0046	- 0.04	...
3670	...	C.P.D. - 38°. 6409 ... ..	8.0	70.28	5	16 16 30.51	+ 4.0174	+ 0.0233	...	...	...
3671	...	C.Z. XVI. 1160 ... ..	8.0	71.86	5	16 16 42.43	+ 5.3656	+ 0.0682	...	...	...
3672	5407	4 Ophiuchi ... .. $\psi$	4.6	70.86	7	16 16 47.44	+ 3.5042	+ 0.0128	- 0.0028	- 0.01	+ 0.03
3673	5473	19 Coronæ Bor. ... .. $\xi$	4.5	79.93	5	16 17 13.00	+ 2.3431	+ 0.0031	- 0.006	+ 0.02	...
3674	...	B.D. - 17°. 4562 ... ..	9.0	68.07	5	16 17 13.84	+ 3.4510	+ 0.0119	...	...	...
3675	...	O.A.S. 15607 ... ..	8.3	67.80	5	16 17 29.79	+ 3.4470	+ 0.0118	...	...	...

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3341	98 2 11.5	+ 9.351	- 0.422	+ 0.514	- 1.4	+ 1.0	...	7554	...	2067	22086
3342	112 36 34.8	.276	.464	...	...	- 0.3	...	...	...	...	22061
3343	124 36 17.0	.252	.507	...	...	+ 1.2	6774	...	8853	...	22066
3344	112 38 1.4	.244	.465	...	...	...	...	...	...	...	...
3345	112 34 50.9	.243	.465	...	...	...	...	...	...	...	...
3346	112 35 15.5	.230	.465	...	...	- 0.5	...	...	...	...	22071
3347	139 50 46.6	.222	.584	+ 0.062	...	- 0.8	6764	7553	8859	...	22075
3348	118 18 4.5	.218	.485	...	+ 0.4	+ 0.4	6777	7562	8857	...	22078
3349	132 21 56.6	.214	.542	...	...	+ 0.7	6772	7560	8860	...	22082
3350	130 30 43.8	.206	.534	...	...	+ 1.5	...	...	...	...	22085
3351	94 23 8.4	.127	.415	- 0.041	- 1.4	- 1.1	...	7576	...	2073	22111
3352	101 11 57.7	.116	.434	...	...	...	...	...	...	...	...
3353	106 43 6.2	.105	.440	...	...	...	...	...	...	...	...
3354	107 38 24.1	.023	.453	...	...	...	...	...	...	...	...
3355	113 51 56.1	+ 0.017	.473	+ 0.025	...	- 1.6	6798	7583	8881	2076	22146
3356	106 46 45.7	+ 8.004	.451	...	...	...	...	...	...	...	...
3357	115 17 26.4	.980	.478	+ 0.025	- 0.7	- 2.1	6799	7589	8887	2077	22158
3358	107 23 39.7	.959	.453	...	...	...	...	...	...	...	...
3359	152 49 51.4	.945	- 0.709	...	...	+ 2.1	6779	...	8892	...	22165
3360	13 48 30.8	.916	+ 0.231	- 0.005	+ 0.2	...	...	7618	...	2006	...
3361	146 12 43.1	.862	- 0.638	...	...	- 0.1	...	...	...	...	22187
3362	29 56 28.6	.856	.133	...	- 0.1	...	...	...	...	...	...
3363	107 34 52.9	.845	.455	...	...	...	...	...	...	...	...
3364	128 53 53.7	.826	.533	+ 0.019	...	- 0.4	6810	7597	8904	...	22194
3365	106 43 20.9	.813	.454	...	...	- 1.3	...	...	...	...	22197
3366	88 40 32.4	.812	.404	- 0.035	+ 0.7	...	...	7603	...	2081	...
3367	43 23 16.7	.792	.240	- 0.031	- 0.2	...	...	7613	...	2086	...
3368	153 46 14.1	.763	.727	...	...	- 0.5	6795	...	8917	...	22212
3369	70 33 7.8	.700	.351	- 0.052	+ 0.7	...	...	7611	8915	2084	...
3370	128 9 17.2	.751	.530	...	...	...	...	...	...	...	1156
3371	152 18 40.4	.735	.706	...	...	...	...	...	...	...	1169
3372	109 44 34.3	.729	.464	+ 0.062	- 0.6	- 0.5	...	7610	...	2082	22210
3373	58 40 0.8	.696	.312	- 0.115	- 0.3	...	...	7619	...	2087	...
3374	107 27 11.8	.694	.457	...	...	...	...	...	...	...	...
3375	107 16 5.1	+ 8.673	- 0.457	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
3676	...	C.P.D. — 40° . 7314 ...	9.0	83.21	5	h m s 16 17 33.21	s + 4.1178	s + 0.0254	s ...	s ...	s ...	
3677	5479	20 Corona Bor. ...	v <sup>1</sup>	5.1	80.34	5	16 17 39.00	+ 2.2560	+ 0.0033	...	- 0.15	...
3678	5480	21 Corona Bor. ...	v <sup>2</sup>	5.0	81.92	5	16 17 46.47	+ 2.2588	+ 0.0032	...	- 0.25	...
3679	...	O.A.S. 15613 ...	...	7.5	72.16	7	16 17 51.62	+ 3.5886	+ 0.0141	...	...	- 0.08
3680	5472	Norma ...	ε	5.0	79.95	5	16 18 1.44	+ 4.3784	+ 0.0322	...	...	+ 0.05
3681	5477	5 Ophiuchi ...	ρ	4.8	73.47	5	16 18 5.53	+ 3.5885	+ 0.0141	- 0.0032	...	+ 0.04
3682	5478	Piazzi XVI. 72 ...	...	7.8	72.56	4	16 18 5.67	+ 3.5875	+ 0.0141	...	...	+ 0.02
3683	...	Melbourne l. 829 ...	...	9.0	70.53	5	16 18 44.20	+ 4.0639	+ 0.0240	...	...	- 0.05
3684	5490	24 Hercules ...	ω	4.7	79.71	5	16 19 38.77	+ 2.7631	+ 0.0044	+ 0.0016	- 0.11	...
3685	5489	7 Ophiuchi ...	χ	5.0	72.61	6	16 19 46.89	+ 3.4698	+ 0.0119	- 0.0038	...	+ 0.01
3686	5406	25 Hercules ...	...	5.5	80.69	5	16 20 56.92	+ 2.1346	+ 0.0035	- 0.0009	- 0.15	...
3687	5494	B.F. 2255 ...	...	5.4	80.42	5	16 20 59.24	+ 3.2280	+ 0.0085	...	...	- 0.05
3688	5405	3 Ophiuchi ...	v	4.6	79.12	5	16 21 2.52	+ 3.2448	+ 0.0087	...	...	- 0.04
3689	5511	21 Ursa Minoris ...	η	5.0	83.00	5	16 21 10.95	- 1.8146	+ 0.1185	- 0.0210	+ 0.23	...
3690	5502	Groombridge 2343 ...	...	5.7	81.53	5	16 21 41.23	+ 1.3039	+ 0.0103	+ 0.0011	...	...
3691	5498	21 Scorpii ( <i>Antares</i> ) ...	α	1.1	72.55	111	16 21 44.73	+ 3.6693	+ 0.0150	- 0.0024	+ 0.05	+ 0.02
3692	...	C.P.D. — 37° . 6675 ...	...	7.5	82.46	5	16 22 0.06	+ 4.0123	+ 0.0218	...	...	- 0.10
3693	5512	14 Draconis ...	η	2.8	73.25	10	16 22 18.25	+ 0.8022	+ 0.0188	- 0.0030	+ 0.25	...
3694	...	C.P.D. — 46° . 8047 ...	...	8.5	83.12	4	16 22 57.86	+ 4.3524	+ 0.0230	...	...	...
3695	...	Lalande 30042 ...	...	8.2	70.48	5	16 23 6.18	+ 1.6925	+ 0.0040	...	...	...
3696	...	Melbourne l. 834 ...	...	7.5	82.70	4	16 23 6.34	+ 4.0499	+ 0.0225	...	...	- 0.25
3697	5508	Scorpii ...	N	4.5	77.46	5	16 23 12.94	+ 3.9081	+ 0.0193	- 0.0049	- 0.13	- 0.08
3698	5505	Trianguli Australis ...	θ	5.4	81.52	5	16 23 43.75	+ 5.7174	+ 0.0775	...	...	+ 0.04
3699	5516	8 Ophiuchi ...	φ	4.4	70.99	5	16 23 59.10	+ 3.4303	+ 0.0110	- 0.0051	- 0.01	- 0.09
3700	5523	30 Hercules ...	ζ	Var.	70.44	10	16 24 32.08	+ 1.9653	+ 0.0042	0.0000	- 0.16	...
3701	5520	10 Ophiuchi ...	λ	4.0	79.47	5	16 24 36.60	+ 3.0240	+ 0.0062	- 0.0038	+ 0.04	...
3702	...	C.Z. XVI. 1091 ...	...	8.0	72.15	7	16 24 42.83	+ 5.3694	+ 0.0638	...	...	...
3703	5519	9 Ophiuchi ...	ω	4.7	74.63	10	16 24 43.74	+ 3.5466	+ 0.0126	+ 0.0001	+ 0.01	+ 0.04
3704	5525	27 Hercules ...	β	2.8	79.69	10	16 24 50.80	+ 2.5838	+ 0.0037	- 0.0079	- 0.04	...
3705	...	C.P.D. — 33° . 4057 ...	...	7.3	83.00	5	16 24 54.38	+ 3.8747	+ 0.0185	...	...	- 0.18
3706	5521	Norma ...	μ	5.2	79.53	5	16 25 12.32	+ 4.2453	+ 0.0265	- 0.0008	...	- 0.10
3707	...	O.A.S. 15722 ...	...	9.0	75.52	5	16 26 8.92	+ 3.5451	+ 0.0125	...	...	...
3708	5532	29 Hercules ...	λ	5.0	80.05	5	16 26 45.30	+ 2.8166	+ 0.0046	- 0.0147	- 0.04	...
3709	...	Ophiuchi ...	S	Var.	75.95	10	16 27 3.63	+ 3.4454	+ 0.0198	...	...	...
3710	...	Brisbane 5758 ...	...	8.0	75.35	5	16 27 4.49	+ 4.2159	+ 0.0253	...	...	- 0.20

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3676	130 56 10.8	+ 8.670	- 0.545	...	...	...	...	...	...	...	1834
3677	55 54 20.4	.661	.301	...	+ 1.4	...	7626	...	...	...	...
3678	56 0 16.5	.652	.301	...	+ 1.2	...	7627	...	...	...	...
3679	113 10 11.1	.641	.276	...	...	- 0.5	7617	...	...	...	22230
3680	137 16 1.7	.632	.581	...	...	+ 1.3	6825	7615	8025	...	22246
3681	113 9 26.6	.623	.476	+ 0.009	...	- 0.8	7620	...	2083	...	22250
3682	113 6 51.2	.626	.476	...	...	- 1.7	7621	...	...	...	22252
3683	129 32 11.2	.575	.549	...	...	+ 2.8	...	...	...	...	22257
3684	75 40 38.6	.503	.369	+ 0.061	- 0.7	...	7636	...	2080	...	...
3685	108 10 14.6	.492	.462	+ 0.018	...	- 1.1	7633	...	2088	...	22280
3686	52 19 12.0	.400	.287	+ 0.009	- 0.1	...	7641	...	2093	...	...
3687	97 18 37.9	.397	.432	...	...	+ 0.3	...	...	...	...	22209
3688	98 5 24.1	.393	- 0.434	...	...	- 0.3	7638	8050	...	...	22301
3689	13 57 26.3	.382	+ 0.237	- 0.252	- 0.7	...	7658	...	2111	...	...
3690	34 30 36.7	.341	- 0.177	- 0.011	...	...	...	...	...	...	...
3691	116 9 8.7	.337	.491	+ 0.022	- 0.5	- 0.4	6853	7640	8054	2091	22314
3692	127 41 45.2	.316	.537	...	...	+ 2.2	...	...	...	...	22318
3693	28 12 8.5	.292	.111	- 0.057	- 0.3	...	7651	...	2104	...	...
3694	136 24 12.1	.239	.583	...	...	...	...	...	...	...	1569
3695	48 28 19.7	.228	.269	...	...	...	...	...	...	...	..
3696	128 43 38.6	.228	.543	...	...	+ 0.7	...	...	...	...	22345
3697	124 25 47.9	.219	.524	+ 0.026	- 0.3	+ 1.6	6850	7646	8063	...	22347
3698	155 13 38.5	.178	.765	...	...	+ 0.8	6844	...	8067	...	22354
3699	106 20 16.4	.158	.461	+ 0.023	- 2.0	- 0.8	7650	...	2004	...	22358
3700	47 50 32.4	.115	.265	- 0.012	+ 0.5	...	7662	...	2102	...	...
3701	87 44 27.3	.108	.406	+ 0.079	- 0.2	...	7659	8971	2097	...	...
3702	152 16 31.1	.100	.722	...	...	...	...	...	...	...	1691
3703	111 11 48.7	.098	.476	- 0.047	- 0.5	+ 0.4	7654	...	2095	...	22374
3704	68 14 13.4	.089	.348	+ 0.007	+ 1.5	...	7661	...	2100	...	...
3705	123 15 45.0	.083	.520	...	...	+ 0.7	6871	...	8976	...	22380
3706	133 46 40.4	+ 8.060	.570	+ 0.035	...	+ 0.5	6887	7655	8980	...	22390
3707	111 5 14.6	+ 7.945	.477	...	...	...	...	...	...	...	...
3708	78 14 31.4	.946	.380	+ 0.070	- 0.5	...	7673	...	2105	...	...
3709	106 53 46.9	.912	.465	...	...	...	...	...	...	...	...
3710	132 57 2.3	+ 7.910	- 0.568	...	...	+ 2.4	7667	8013	...	...	22433



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	s
3711	...	C.P.D. - 40°. 7376 ...	8.5	71.88	5	16 27 9.66	+ 4.1382	+ 0.0235	...	...	...	...
3712	5539	23 Scorpii ...	τ	2.9	74.68	9	16 28 6.20	+ 3.7255	+ 0.0152	- 0.0030	+ 0.01	- 0.06
3713	5538	Scorpii ...	II	4.1	80.05	5	16 28 9.04	+ 3.9340	+ 0.0189	0.000	- 0.08	- 0.13
3714	5545	15 Draconis ...	λ	5.0	80.44	5	16 28 14.08	- 0.1416	+ 0.0412	- 0.0054	+ 0.06	...
3715	...	C.P.D. - 35°. 6750 ...	7.5	82.46	5	16 28 25.22	+ 3.9558	+ 0.0193	...	...	...	+ 0.04
3716	5536	Trianguli Australis	η <sup>1</sup>	6.4	81.72	5	16 28 30.76	+ 6.1276	+ 0.0913	...	...	+ 0.06
3717	...	C.P.D. - 35°. 6751 ...	9.5	82.98	5	16 28 31.09	+ 3.9517	+ 0.0192	...	...	...	...
3718	...	C.Z. XVI. 2042 ...	8.0	72.83	5	16 29 22.05	+ 5.4225	+ 0.0614	...	...	...	...
3719	5542	C.P.D. - 43°. 7635 ...	6.3	75.64	5	16 29 35.94	+ 4.2289	+ 0.0249	...	...	...	- 0.15
3720	5547	12 Ophiuchi ...	...	5.8	79.49	5	16 29 47.52	+ 3.1165	+ 0.0060	+ 0.0254	- 0.02	- 0.04
3721	...	C.P.D. - 40°. 7367 ...	9.7	74.50	3	16 29 54.78	+ 4.1411	+ 0.0228	...	...	...	...
3722	...	Brisbane 5779 ...	...	7.3	82.75	5	16 30 0.82	+ 4.0088	+ 0.0213	...	...	- 0.19
3723	5552	35 Hercules ...	σ	4.2	79.56	4	16 30 4.30	+ 1.9325	+ 0.0043	- 0.0012	...	...
3724	5548	13 Ophiuchi ...	ζ	2.8	81.46	60	16 30 16.60	+ 3.2970	+ 0.0087	- 0.0009	+ 0.01	- 0.01
3725	5544	Brisbane 5775 ...	...	6.6	82.44	4	16 30 43.96	+ 6.0122	+ 0.0837	...	...	- 0.12
3726	...	C.P.D. - 31°. 4452 ...	8.5	75.49	5	16 31 28.80	+ 3.8903	+ 0.0164	...	...	...	...
3727	...	C.P.D. - 44°. 7997 ...	7.2	82.47	5	16 31 28.97	+ 4.2818	+ 0.0256	...	...	...	- 0.21
3728	5554	Brisbane 5784 ...	...	8.2	70.59	5	16 31 52.87	+ 5.2790	+ 0.0545	...	...	+ 0.06
3729	5579	24 Scorpii ...	...	5.2	69.45	5	16 34 20.65	+ 3.4646	+ 0.0105	- 0.0027	- 0.02	- 0.05
3730	...	W.B.E. XVI. 634 ...	9.0	78.72	4	16 34 20.93	+ 3.3630	+ 0.0092	...	...	...	...
3731	5580	Piazzi XVI. 145 ...	...	5.7	73.43	5	16 34 32.99	+ 3.5176	+ 0.0112	- 0.002	+ 0.06	+ 0.07
3732	5596	42 Hercules ...	...	5.2	79.32	5	16 35 21.15	+ 1.6291	+ 0.0061	- 0.001	- 0.19	...
3733	...	C.P.D. - 44°. 8016 ...	8.0	68.85	5	16 35 24.09	+ 4.2823	+ 0.0247	...	...	...	- 0.96
3734	5578	Trianguli Australis	α	1.9	72.88	10	16 35 26.96	+ 6.2862	+ 0.0907	+ 0.0010	...	+ 0.06
3735	...	C.P.D. - 38°. 6511 ...	8.0	83.37	5	16 35 28.75	+ 4.0498	+ 0.0196	...	...	...	...
3736	...	C.P.D. - 38°. 6514 ...	7.0	82.59	5	16 35 44.56	+ 4.0719	+ 0.0200	...	...	...	...
3737	5604	40 Hercules ...	ζ	3.1	71.90	116	16 36 34.44	+ 2.2967	+ 0.0033	- 0.0354	+ 0.01	...
3738	...	C.P.D. - 40°. 7470 ...	8.2	70.70	5	16 37 29.72	+ 4.1596	+ 0.0215	...	...	...	...
3739	...	C.P.D. - 39°. 7069 ...	8.5	82.19	4	16 37 44.58	+ 4.0873	+ 0.0198	...	...	...	...
3740	...	C.P.D. - 39°. 7078 ...	5.4	82.44	5	16 38 15.04	+ 4.0919	+ 0.0109	...	...	...	- 0.24
3741	...	C.P.D. - 35°. 6779 ...	8.0	82.96	4	16 38 19.96	+ 3.9679	+ 0.0175	...	...	...	...
3742	5617	44 Hercules ...	η	3.7	79.48	10	16 38 36.66	+ 2.0513	+ 0.0037	+ 0.0022	+ 0.01	...
3743	5609	Aræ ...	η	3.6	77.50	5	16 39 0.19	+ 5.1445	+ 0.0453	+ 0.0003	...	- 0.02
3744	5621	43 Hercules ...	ξ	5.5	79.88	5	16 39 49.86	+ 2.8775	+ 0.0048	- 0.0014	+ 0.04	...
3745	...	O.A.S. 15952 ...	...	8.8	70.06	5	16 40 1.65	+ 3.5785	+ 0.0114	...	...	...

3713.—Normæ β; P.M. Stone

3727.—Red



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
3746	5628	18 Draconis ... ..	<i>g</i>	5.0	80.43	5	16 40 3.41	+ 0.3900	+ 0.0233	+ 0.001	— 0.01	...
3747	5622	C.P.D. — 30°. 4475 ...		6.7	71.72	6	16 40 25.21	+ 3.6270	+ 0.0149	...	...	— 0.16
3748	...	C.P.D. — 36°. 7048 ...		9.0	83.20	5	16 40 33.37	+ 3.9958	+ 0.0176	...	...	...
3749	...	C.P.D. — 40°. 9628 ...		8.0	75.35	5	16 41 2.48	+ 4.5241	+ 0.0281	...	...	...
3750	...	C.P.D. — 42°. 7527 ...		7.5	82.69	5	16 41 3.96	+ 4.2409	+ 0.0220	...	...	— 0.20
3751	...	C.P.D. — 48°. 8854 ...		8.0	75.97	5	16 41 19.94	+ 4.5260	+ 0.0279	...	...	...
3752	...	C.P.D. — 37°. 6752 ..		7.8	83.06	5	16 41 57.02	+ 4.0506	+ 0.0182	...	...	— 0.20
3753	5632	26 Scorpil ... ..	<i>ε</i>	2.2	79.54	10	16 42 4.17	+ 3.9244	+ 0.0165	— 0.0511	— 0.03	— 0.03
3754	...	Brisbane 5850 ... ..		7.5	76.10	5	16 42 25.38	+ 4.5176	+ 0.0275	...	...	+ 0.01
3755	5637	20 Ophiuchi ... ..		4.7	69.44	4	16 42 53.23	+ 3.3074	+ 0.0080	+ 0.0046	...	— 0.03
3756	5643	Groombridge 2377 ...		4.9	79.72	5	16 42 55.44	+ 1.1281	+ 0.0108	+ 0.0024	...	...
3757	5638	Scorpil ... ..	<i>μ</i> <sup>1</sup>	3.3	79.82	10	16 43 24.25	+ 4.0529	+ 0.0180	— 0.0020	...	— 0.24
3758	...	C.P.D. — 39°. 7136 ...		8.5	83.35	5	16 43 29.24	+ 4.0662	+ 0.0188	...	...	...
3759	5640	Scorpil ... ..	<i>μ</i> <sup>2</sup>	3.7	77.50	5	16 43 52.25	+ 4.0525	+ 0.0179	— 0.0030	...	— 0.21
3760	...	Brisbane 5867 ... ..		7.0	82.72	5	16 44 9.83	+ 4.0384	+ 0.0175	...	...	— 0.25
3761	5648	47 Hercules ... ..	<i>κ</i>	5.4	79.54	5	16 44 15.22	+ 2.9065	+ 0.0049	+ 0.0013	— 0.03	...
3762	...	C.P.D. — 49°. 9665 ...		7.0	75.39	5	16 45 0.14	+ 4.5545	+ 0.0271	...	...	— 0.13
3763	...	C.P.D. — 41°. 7708 ...		8.5	69.46	5	16 45 10.43	+ 4.1748	+ 0.0198	...	...	...
3764	5651	Scorpil ... ..	<i>ξ</i> <sup>1</sup>	5.0	77.53	5	16 45 10.71	+ 4.2184	+ 0.0205	...	...	— 0.18
3765	5655	Brisbane 5874 ... ..		6.6	78.47	2	16 45 15.50	+ 4.1965	+ 0.0201	...	...	— 0.44
3766	...	Piazzi XVI. 201 ... ..		7.5	78.46	2	16 45 17.40	+ 4.1959	+ 0.0201	...	...	— 0.29
3767	...	C.P.D. — 40°. 7569 ...		8.9	69.30	5	16 45 20.72	+ 4.1473	+ 0.0192	...	...	...
3768	...	Anonymous ... ..		10.2	79.11	5	16 45 23.67	+ 2.7399	+ 0.0039	...	...	...
3769	...	Piazzi XVI. 202 ( <i>Neb.</i> )		7.5	86.43	3	16 45 23.67	+ 4.1975	+ 0.0200	...	...	— 0.24
3770	5656	Brisbane 5876 ... ..		6.8	80.45	3	16 45 25.31	+ 4.1985	+ 0.0200	...	...	— 0.14
3771	...	Brisbane 5878 ... ..		7.0	80.52	5	16 45 23.49	+ 4.1975	+ 0.0200	...	...	— 0.12
3772	5667	52 Hercules ... ..		5.0	80.95	5	16 45 31.83	+ 1.7508	+ 0.0050	— 0.0036	+ 0.06	...
3773	...	C.P.D. — 42°. 7548 ...		6.6	80.52	6	16 45 37.41	+ 4.2240	+ 0.0205	...	...	— 0.03
3774	5666	50 Hercules ... ..		5.8	80.55	5	16 45 46.09	+ 2.3399	+ 0.0034	— 0.0034	— 0.18	...
3775	5661	Scorpil ... ..	<i>ξ</i> <sup>2</sup>	3.5	78.68	7	16 45 47.46	+ 4.2192	+ 0.0203	— 0.0152	...	— 0.04
3776	5654	Brisbane 5868 ... ..		6.0	81.28	5	16 46 9.88	+ 6.3875	+ 0.0820	...	...	0.00
3777	...	Herculis ... ..	<i>S</i> Var.		70.69	10	16 46 12.47	+ 2.7288	+ 0.0039	...	...	...
3778	...	Brisbane 5883 ... ..		7.0	69.50	5	16 46 15.35	+ 4.1486	+ 0.0191	...	...	— 0.15
3779	5674	49 Hercules ... ..		6.4	73.48	5	16 46 23.28	+ 2.7270	+ 0.0040	— 0.0004	...	...
3780	...	C.P.D. — 46°. 8399 ...		8.0	73.69	5	16 47 0.45	+ 4.4170	+ 0.0237	...	...	...

No.	Mean Polar Distance 1875'0	Annual Procession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Gen. 1880	C.G.A.					
3746	25 10 20.0	+ 0.854	- 0.058	+ 0.015	+ 1.0	...	...	7780	...	2141	...
3747	120 58 40.4	.825	.528	...	...	+ 0.5	6984	...	9112	...	22607
3748	126 17 28.0	.799	.551	...	...	...	...	...	...	...	2248
3749	139 5 3.7	.773	.624	...	...	...	...	...	...	...	2270
3750	132 53 0.0	.771	.585	...	...	+ 0.9	...	...	...	...	22713
3751	138 59 18.5	.749	.624	...	...	...	...	...	...	...	2283
3752	127 49 38.6	.698	.560	...	...	+ 1.7	...	...	...	...	22728
3753	124 3 50.5	.689	.543	+ 0.264	- 1.0	- 0.1	6996	7777	9123	2132	22731
3754	138 53 48.1	.659	.624	...	...	+ 1.0	6986	...	9127	...	22740
3755	100 33 35.5	.618	.458	+ 0.075	...	- 0.8	...	7784	...	2138	22751
3756	32 59 39.0	.618	.158	- 0.062	...	...	...	...	...	...	...
3757	127 49 50.3	.578	.562	+ 0.630	...	+ 1.9	7006	7783	9132	...	22761
3758	129 1 47.8	.572	.567	...	...	...	...	...	...	...	3046
3759	127 48 8.0	.540	.562	+ 0.033	...	+ 1.1	7009	7789	9141	...	22778
3760	127 23 6.9	.515	.560	...	...	+ 4.4	7011	7793	9146	...	22785
3761	82 32 4.3	.508	.404	- 0.012	- 1.5	...	...	7798	...	2139	...
3762	130 30 0.1	.446	.632	...	...	- 1.4	7010	7795	...	...	22809
3763	131 2 40.9	.432	.570	...	...	...	...	...	...	...	3183
3764	132 9 4.8	.432	.586	...	...	+ 0.2	7016	7800	9100	...	22812
3765	131 35 46.8	.425	.583	...	...	+ 2.2	7017	7802	9102	...	22814
3766	131 34 53.0	.422	.582	...	...	+ 0.6	...	7803	9163	...	22817
3767	130 19 21.3	.417	.575	...	...	...	...	...	...	...	...
3768	75 17 53.7	.414	.381	...	...	...	...	...	...	...	...
3769	131 36 54.7	.414	.583	...	...	+ 0.7	...	7804	9165	...	22822
3770	131 38 19.8	.411	.583	...	...	- 1.6	...	7805	9166	...	22824
3771	131 36 37.2	.400	.583	...	...	+ 0.6	...	7806	9168	...	22827
3772	43 47 51.5	.398	.245	+ 0.063	- 1.5	...	...	7822	...	2140	...
3773	132 16 10.5	.395	.587	...	...	+ 0.5	7019	7807	9169	...	22829
3774	59 58 44.4	.382	.326	- 0.015	+ 0.1	...	...	7820	...	2145	...
3775	132 8 40.4	.381	.587	+ 0.236	...	+ 0.5	7025	7810	9170	...	22832
3776	159 4 1.7	.349	.888	...	...	+ 2.9	6989	...	9177	...	22841
3777	74 50 47.9	.346	.380	...	...	...	...	...	...	...	...
3778	130 19 2.4	.342	.576	...	...	+ 1.5	...	7815	9172	...	22842
3779	74 48 51.4	.331	.381	- 0.004	...	...	...	7823	...	2144	...
3780	136 38 41.6	+ 0.280	- 0.615	...	...	...	...	...	...	...	3307

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0			Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
						h	m	s				Grn. 1880	C.G.A.
3781	5675	Brisbane 5889 ...	7.0	82.08	5	16 47 2.44	+ 4.1115	+ 0.0181	...	...	- 0.15	...	
3782	...	C.P.D. — 40° . 7633 ...	8.5	71.06	5	16 47 36.84	+ 4.1497	+ 0.0186	...	...	...	...	
3783	...	C.P.D. — 41° . 7776 ...	9.4	71.99	5	16 47 40.19	+ 4.1778	+ 0.0192	...	...	...	...	
3784	5688	23 Ophiuchi ...	5.6	80.20	5	16 47 54.88	+ 3.2047	+ 0.0067	- 0.0044	+ 0.01	- 0.03	...	
3785	5692	25 Ophiuchi ...	4.4	80.44	5	16 48 5.55	+ 2.8894	+ 0.0043	- 0.0052	- 0.08	...	...	
3786	5693	58 Hercules ...	5.4	80.72	5	16 48 13.58	+ 2.2803	+ 0.0033	- 0.0090	- 0.11	...	...	
3787	...	Brisbane 5896 ...	7.5	67.89	5	16 48 14.35	+ 4.1514	+ 0.0186	...	...	- 0.10	...	
3788	...	C.P.D. — 31° . 4519 ...	7.2	73.53	5	16 48 16.33	+ 3.8396	+ 0.0137	...	...	- 0.04	...	
3789	5683	Ara ... ζ	3.0	78.66	7	16 48 16.99	+ 4.9432	+ 0.0348	- 0.0065	...	- 0.07	...	
3790	...	C.P.D. — 42° . 7576 ...	8.5	82.83	5	16 48 27.03	+ 4.2259	+ 0.0197	...	...	...	...	
3791	5695	Piazzi XVI. 232 ...	6.6	66.68	4	16 48 48.86	+ 3.4519	+ 0.0089	...	- 0.19	- 0.16	...	
3792	...	C.P.D. — 35° . 6813 ...	8.5	70.45	5	16 49 37.49	+ 3.9827	+ 0.0156	...	...	...	...	
3793	5697	Ara ... ε <sup>1</sup>	4.2	77.50	5	16 49 37.59	+ 4.7613	+ 0.0300	- 0.0037	...	- 0.12	...	
3794	...	C.P.D. — 34° . 6602 ...	9.0	82.63	3	16 49 40.53	+ 3.9386	+ 0.0149	...	...	...	...	
3795	...	C.P.D. — 38° . 6602 ...	9.0	83.17	5	16 49 47.54	+ 4.0834	+ 0.0171	...	...	...	...	
3796	5708	27 Ophiuchi ... κ	3.4	70.71	114	16 51 45.09	+ 2.8567	+ 0.0044	- 0.0212	- 0.01	...	...	
3797	...	C.P.D. — 32° . 4312 ...	8.3	71.67	5	16 52 22.51	+ 3.9004	+ 0.0139	...	...	...	...	
3798	...	C.P.D. — 32° . 4315 ...	8.8	68.71	5	16 52 48.18	+ 3.8981	+ 0.0137	...	...	...	...	
3799	5713	Ara ... ε <sup>2</sup>	5.4	79.72	5	16 53 9.94	+ 4.7744	+ 0.0288	- 0.006	...	- 0.11	...	
3800	5723	29 Ophiuchi ...	6.8	70.13	4	16 54 32.66	+ 3.5064	+ 0.0089	- 0.0051	+ 0.08	+ 0.10	...	
3801	...	O.A.S. 16232 ...	9.1	70.53	5	16 54 30.49	+ 3.5458	+ 0.0093	...	...	...	...	
3802	...	Serpentis ... T	Var.	76.59	10	16 54 37.37	+ 3.5474	+ 0.0093	...	...	...	...	
3803	...	O.A.S. 16233 ...	7.8	66.76	5	16 54 37.75	+ 3.5496	+ 0.0093	...	...	...	...	
3804	...	C.P.D. — 39° . 7246 ...	7.5	82.54	5	16 54 42.83	+ 4.1451	+ 0.0168	...	...	- 0.08	...	
3805	5740	19 Draconis ... h <sup>1</sup>	4.7	80.47	5	16 55 20.69	+ 0.2771	+ 0.0213	+ 0.0357	- 0.05	...	...	
3806	5731	58 Hercules ... ε	4.0	79.48	10	16 55 30.28	+ 2.2970	+ 0.0032	- 0.0045	- 0.16	...	...	
3807	...	C.P.D. — 19° . 6086 ...	8.2	68.28	5	16 55 55.69	+ 3.5390	+ 0.0091	...	...	...	...	
3808	...	C.P.D. — 39° . 7260 ...	9.0	83.37	5	16 56 19.75	+ 4.1459	+ 0.0164	...	...	- 0.24	...	
3809	...	C.P.D. — 40° . 7711 ...	8.0	68.93	5	16 56 35.45	+ 4.1876	+ 0.0171	...	...	...	...	
3810	5735	Scorpii ... k	5.0	79.53	5	16 56 36.18	+ 3.9879	+ 0.0135	- 0.003	+ 0.07	+ 0.04	...	
3811	5747	59 Hercules ... d	5.3	80.26	5	16 56 59.49	+ 2.2124	+ 0.0033	- 0.0014	- 0.02	...	...	
3812	...	O.A.S. 16248 ...	8.2	67.96	5	16 57 9.65	+ 3.8109	+ 0.0119	...	...	...	...	
3813	...	Brisbane 5953 ...	7.0	82.62	5	16 57 18.42	+ 4.0269	+ 0.0145	...	...	- 0.07	...	
3814	5751	Brisbane 5957 ...	6.7	80.51	5	16 58 42.48	+ 5.4478	+ 0.0413	- 0.003	...	- 0.07	...	
3815	...	C.P.D. — 42° . 7642 ...	8.0	82.68	5	16 58 49.24	+ 4.2573	+ 0.0175	...	...	...	...	

3781.—Red

3799, 3810, 3814.—P. M. Stone

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1850	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3781	129 17 59.7	+ 0.277	- 0.572	...	...	+ 2.3	7038	7821	9188	...	22870
3782	130 17 34.4	.229	.578	...	...	...	...	...	...	...	...
3783	131 0 46.7	.212	.581	...	...	...	...	...	...	...	...
3784	85 56 50.6	.204	.447	+ 0.05	- 0.8	- 0.7	...	7836	...	2146	22901
3785	79 37 34.8	.189	.397	+ 0.034	- 4.0	...	...	7888	...	2150	...
3786	58 5 25.6	.178	.319	+ 0.019	+ 1.1	...	...	7845	...	2151	...
3787	130 18 38.3	.177	.578	...	...	+ 1.0	...	7832	9207	...	22914
3788	121 6 13.2	.175	.535	...	...	+ 1.9	7058	...	9208	...	22915
3789	145 47 23.6	.174	.689	+ 0.044	...	- 0.4	7034	7827	9209	...	22916
3790	132 12 8.9	.160	.590	...	...	...	...	...	...	...	3451
3791	106 36 18.1	.130	.482	...	- 0.3	- 0.6	...	7842	...	...	22925
3792	125 32 24.9	.062	.556	...	...	...	...	...	...	...	3529
3793	142 57 54.2	.061	.065	- 0.005	...	- 1.3	7050	7841	9220	...	22941
3794	124 12 26.7	.058	.550	...	...	...	...	...	...	...	3535
3795	128 25 30.3	+ 0.048	.571	...	...	...	...	...	...	...	3543
3796	80 25 43.9	+ 5.884	.402	- 0.002	- 1.8	...	...	7863	9236	2156	...
3797	122 54 47.4	.831	.547	...	...	...	...	...	...	...	3748
3798	122 49 55.1	.797	.547	...	...	...	...	...	...	...	3771
3799	143 2 47.1	.706	.669	+ 0.16	...	- 0.2	7073	7866	9246	...	23018
3800	108 41 58.0	.651	.492	- 0.004	- 1.3	+ 0.4	...	7883	...	2158	23054
3801	110 15 45.0	.645	.498	...	...	...	...	...	...	...	...
3802	110 19 40.4	.643	.498	...	...	...	...	...	...	...	...
3803	110 24 35.6	.643	.498	...	...	...	...	...	...	...	...
3804	129 54 12.8	.636	.582	...	...	+ 0.6	7091	...	9263	...	23058
3805	24 40 26.2	.583	.041	- 0.044	- 0.6	...	...	7905	...	2109	...
3806	58 53 17.8	.569	.324	- 0.035	- 0.1	...	...	7894	9269	2161	...
3807	109 57 36.1	.534	.498	...	...	...	...	...	...	...	...
3808	129 51 50.7	.500	.583	...	...	+ 1.2	...	...	...	...	23063
3809	130 55 40.9	.478	.589	...	...	...	...	...	...	...	4042
3810	123 56 41.4	.477	.555	+ 0.05	+ 0.5	+ 0.4	7109	7895	9284	...	23068
3811	56 14 59.3	.443	.313	- 0.008	+ 1.2	...	...	7900	...	2165	...
3812	119 51 7.1	.430	.537	...	...	...	...	...	...	...	4083
3813	126 33 50.8	.418	.567	...	...	- 0.8	7113	7899	9292	...	23113
3814	151 30 29.0	.300	.768	+ 0.04	...	+ 0.4	7102	...	9307	...	23146
3815	132 34 53.2	+ 5.280	- 0.601	...	...	...	...	...	...	...	4196

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madrns—	
										Grn. 1880	C.G.A.
3816	5780	22 Urae Minoris ...	$\epsilon$ 4.5	74.57	78	16 58 50.99	- 0.3909	+ 0.3075	+ 0.0083	+ 0.10	...
3817	5785	60 Herculis ...	...	4.9	79.53	5 16 59 35.01	+ 2.7763	+ 0.0038	+ 0.0022	...	...
3818	5761	Brisbane 5962 ...	...	6.5	79.78	5 17 0 31.93	+ 6.1211	+ 0.0577	...	...	- 0.04
3819	...	Brisbane 5969 ...	...	7.4	68.13	5 17 0 35.18	+ 3.4516	+ 0.0203	...	...	+ 0.03
3820	...	Ophiuchi ...	$R$ Var.	69.62	10	17 0 35.38	+ 3.4110	+ 0.0077	...	...	+ 0.15
3821	5772	Scorpii ...	$l$ 4.9	80.06	5	17 1 33.02	+ 4.3389	+ 0.0180	...	...	- 0.14
3822	...	C.P.D. - 41°. 7882 ...	...	7.2	83.39	5 17 2 14.64	+ 4.2088	+ 0.0159	...	...	- 0.23
3823	...	C.P.D. - 41°. 7883 ...	...	8.0	83.40	5 17 2 17.16	+ 4.2192	+ 0.0160	...	...	...
3824	5785	21 Draconis ...	$\mu$ 5.2	80.55	5	17 2 44.63	+ 1.2469	+ 0.0078	- 0.0114	- 0.12	...
3825	5778	Scorpii ...	$\eta$ 3.4	79.48	10	17 3 12.18	+ 4.2839	+ 0.0167	+ 0.0006	...	+ 0.02
3826	5781	35 Ophiuchi ...	$\eta$ 2.6	80.40	56	17 3 12.60	+ 3.4333	+ 0.0073	+ 0.0005	- 0.01	+ 0.01
3827	...	R.P.L. 118 ...	...	8.0	83.17	20 17 3 30.53	- 11.3635	+ 0.0027	...	...	...
3828	...	B.D. - 16°. 4431 ...	...	9.0	77.43	10 17 3 33.87	+ 3.4488	+ 0.0074	...	...	...
3829	5788	Piazzi XVII. 3 ...	...	5.5	79.59	5 17 3 36.11	+ 2.1267	+ 0.0033	...	- 0.04	...
3830	...	C.F.D. - 38°. 6723 ...	...	6.8	82.56	5 17 3 41.42	+ 4.1098	+ 0.0143	...	...	- 0.16
3831	...	B.D. + 30°. 2036 ...	...	8.4	72.88	5 17 4 45.60	+ 2.2063	+ 0.0031	...	...	...
3832	...	Brisbane 5998 ...	...	7.0	69.50	5 17 5 20.93	+ 4.0925	+ 0.0139	...	...	- 0.07
3833	...	Melbourne 1547... ..	...	8.5	82.78	4 17 5 42.30	+ 4.2148	+ 0.0150	...	...	+ 0.04
3834	...	C.P.D. - 40°. 7756 ...	...	8.8	74.50	5 17 6 22.98	+ 4.1992	+ 0.0149	...	...	...
3835	...	O.A.S. 16432 ...	...	6.8	72.73	5 17 6 27.52	+ 3.4307	+ 0.0070	...	...	+ 0.02
3836	...	C.P.D. - 40°. 7756 ...	...	8.2	67.19	5 17 6 30.36	+ 4.1972	+ 0.0148	...	...	- 0.05
3837	5802	37 Ophiuchi ...	...	5.5	79.75	5 17 6 34.35	+ 2.8255	+ 0.0038	- 0.0015	+ 0.13	...
3838	...	C.P.D. - 40°. 7700 ...	...	8.8	72.77	5 17 6 52.05	+ 4.1999	+ 0.0146	...	...	...
3839	...	C.P.D. - 47°. 8144 ...	...	8.8	73.91	5 17 7 0.02	+ 4.4891	+ 0.0187	...	...	...
3840	5808	36 Ophiuchi ...	$A^1$ 4.7	79.49	5	17 7 39.70	+ 3.7191	+ 0.0093	- 0.0386	0.00	+ 0.07
3841	...	C.P.D. - 40°. 7764 ...	...	7.5	70.79	4 17 7 53.81	+ 4.1935	+ 0.0144	...	...	...
3842	5803	Apodis ...	$i$ 5.6	80.61	5	17 8 16.21	+ 6.6494	+ 0.0645	- 0.006	...	+ 0.08
3843	5823	22 Draconis ...	$\zeta$ 3.3	79.50	10	17 8 25.68	+ 0.1631	+ 0.0183	- 0.0035	+ 0.01	...
3844	...	C.P.D. - 39°. 7311 ...	...	8.0	82.91	5 17 8 26.68	+ 4.1384	+ 0.0134	...	...	- 0.02
3845	5817	Scorpii ...	$U$ 5.5	79.91	5	17 8 55.86	+ 3.9035	+ 0.0107	- 0.0091	+ 0.02	- 0.05
3846	5810	Apodis ...	$\zeta$ 4.7	77.57	5	17 8 56.82	+ 6.2414	+ 0.0522	...	...	+ 0.48
3847	5821	64 Herculis ...	$\alpha$ Var.	72.19	120	17 8 56.87	+ 2.7342	+ 0.0035	- 0.0019	0.00	...
3848	...	C.P.D. - 38°. 6768 ...	...	9.0	83.61	5 17 9 1.73	+ 4.1102	+ 0.0130	...	...	- 0.24
3849	...	C.P.D. - 34°. 6799 ...	...	8.0	68.34	6 17 9 44.98	+ 3.9552	+ 0.0113	...	...	+ 0.18
3850	...	C.P.D. - 33°. 4834 ...	...	9.5	83.50	5 17 9 45.23	+ 3.9307	+ 0.0110	...	...	...





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
3851	5828	65 Hercules ...	δ	3.3	80.55	5	17 9 53.78	+ 2.4640	+ 0.0032	- 0.0023	...	...
3852	5830	41 Ophiuchi ...	...	5.0	80.53	5	17 10 11.59	+ 3.0730	+ 0.0046	- 0.0041	- 0.07	+ 0.06
3853	...	C.P.D. - 35°. 6925	...	8.5	83.57	4	17 10 15.03	+ 4.0190	+ 0.0123	...	...	...
3854	5827	39 Ophiuchi (S) ...	...	5.2	80.58	5	17 10 23.60	+ 3.6576	+ 0.0083	- 0.0061	+ 0.29	...
3855	5834	67 Hercules ...	π	3.4	79.52	10	17 10 41.56	+ 2.0897	+ 0.0032	- 0.0033	- 0.06	...
3856	5832	Brisbane 6024 ...	...	7.0	82.82	4	17 11 30.95	+ 5.9504	+ 0.0431	...	...	+ 0.01
3857	...	Brisbane 6039 ...	...	7.5	82.59	5	17 12 10.58	+ 4.0900	+ 0.0121	...	...	- 0.20
3858	5842	68 Hercules ...	U	Var.	77.43	10	17 12 42.78	+ 2.2147	+ 0.0031	- 0.0039	+ 0.23	...
3859	...	C.P.D. - 40°. 7785	...	8.0	70.33	5	17 12 44.44	+ 4.1889	+ 0.0132	...	...	...
3860	...	C.P.D. - 39°. 7344	...	8.5	83.44	4	17 12 44.87	+ 4.1460	+ 0.0126	...	...	...
3861	5847	69 Hercules ...	e	4.9	80.24	5	17 13 21.62	+ 2.0703	+ 0.0033	- 0.0046	+ 0.05	...
3862	5844	40 Ophiuchi ...	ξ	4.5	77.53	5	17 13 30.83	+ 3.5743	+ 0.0073	+ 0.0164	+ 0.03	+ 0.10
3863	5845	53 Serpentina ...	v	4.4	79.93	5	17 13 47.80	+ 3.3678	+ 0.0060	+ 0.0065	...	+ 0.10
3864	5846	B.F. 2373 ...	...	6.8	65.29	5	17 14 1.69	+ 3.6770	+ 0.0080	- 0.0071	...	- 0.02
3865	...	C.P.D. - 41°. 7962	...	8.0	83.21	5	17 14 4.73	+ 4.2504	+ 0.0134	...	...	...
3866	...	C.P.D. - 36°. 7248	...	9.0	84.64	5	17 14 6.08	+ 4.0377	+ 0.0112	...	...	...
3867	...	C.Z. XVII. 957	...	7.3	83.22	5	17 14 8.52	+ 4.0987	+ 0.0118	...	...	- 0.25
3868	5851	42 Ophiuchi ...	θ	3.4	71.29	83	17 14 20.02	+ 3.6797	+ 0.0080	- 0.0024	- 0.02	+ 0.12
3869	...	C.Z. XVII. 1024	...	9.2	83.60	5	17 14 50.97	+ 5.0066	+ 0.0231	...	...	- 0.40
3870	5850	Aræ ...	γ	3.4	79.81	10	17 14 52.57	+ 5.0349	+ 0.0235	- 0.0031	...	- 0.14
3871	5852	Aræ ...	β	2.7	80.21	10	17 14 54.68	+ 4.9734	+ 0.0225	- 0.0027	...	- 0.13
3872	5859	Aræ ...	κ <sup>1</sup>	5.3	80.15	10	17 16 15.48	+ 4.6956	+ 0.0177	...	...	- 0.09
3873	...	C.P.D. - 36°. 7271	...	8.0	85.61	5	17 16 17.34	+ 4.0379	+ 0.0106	...	...	...
3874	...	C.P.D. - 45°. 9191	...	9.1	83.47	5	17 16 42.34	+ 4.6550	+ 0.0162	...	...	...
3875	...	C.P.D. - 46°. 9194	...	7.7	83.51	5	17 16 51.18	+ 4.5565	+ 0.0161	...	...	+ 0.04
3876	5865	Aræ ...	κ <sup>2</sup>	6.8	80.14	5	17 17 27.88	+ 4.6071	+ 0.0172	...	...	- 0.09
3877	5876	44 Ophiuchi ...	b	4.5	68.34	6	17 18 44.25	+ 3.6595	+ 0.0073	- 0.0025	+ 0.09	+ 0.02
3878	5886	75 Hercules (βnd) ...	ρ	4.1	79.60	5	17 19 22.14	+ 2.0711	+ 0.0082	- 0.0061	- 0.17	...
3879	5831	45 Ophiuchi ...	d	4.4	66.89	5	17 19 22.39	+ 3.8245	+ 0.0084	- 0.0002	- 0.07	+ 0.01
3880	5877	Aræ ...	δ	3.8	71.12	10	17 19 49.05	+ 5.4063	+ 0.0263	- 0.0104	...	- 0.03
3881	5890	Piazzi XVII. 99	...	4.6	79.93	5	17 19 59.99	+ 3.1868	+ 0.0046	...	+ 0.12	+ 0.05
3882	5893	49 Ophiuchi ...	σ	4.4	82.42	42	17 20 18.79	+ 2.9743	+ 0.0037	- 0.0017	+ 0.02	...
3888	5891	Brisbane 6088 ...	...	6.6	84.64	5	17 20 28.76	+ 4.0580	+ 0.0100	...	...	- 0.05
3884	...	C.P.D. - 37°. 7223	...	8.5	83.58	5	17 21 13.63	+ 4.0715	+ 0.0100	...	...	...
3885	...	C.P.D. - 40°. 7871	...	8.0	70.59	1	17 21 36.82	+ 4.1978	+ 0.0106	...	...	+ 0.05

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras-		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3851	65 0 43.5	+ 4.349	- 0.353	+ 0.151	...	...	...	7993	...	2185	...
3852	90 18 7.3	.224	.440	+ 0.064	- 1.8	- 1.2	...	7991	...	2184	23414
3853	125 56 58.7	.319	.623	...	...	...	...	...	...	...	701
3854	114 8 51.6	.307	.523	+ 0.017	- 0.1	...	7224	7989	9419	2181	...
3855	53 2 55.2	.281	.300	- 0.012	- 1.4	...	...	7998	...	2187	...
3856	155 34 28.9	.211	.561	...	...	+ 3.1	7155	...	9428	...	23434
3857	127 53 20.3	.154	.596	...	...	- 0.5	7230	...	9431	...	23449
3858	56 45 50.8	.108	.318	- 0.008	+ 0.2	...	...	8013	...	2194	...
3859	130 28 25.9	.106	.599	...	...	...	...	...	...	...	869
3860	129 22 17.2	.105	.594	...	...	...	...	...	...	...	871
3861	52 34 35.2	.053	.298	- 0.084	- 0.8	...	...	8021	...	2195	...
3862	110 58 34.5	.040	.513	+ 0.203	- 1.5	- 1.7	...	8010	...	2186	23481
3863	102 43 3.5	+ 4.016	.433	- 0.033	...	- 1.5	...	8016	...	2190	23485
3864	114 46 39.0	+ 3.905	.527	+ 0.039	...	- 0.4	7250	8017	9445	2188	23490
3865	131 57 46.9	.991	.600	...	...	...	...	...	...	...	948
3866	126 23 14.4	.990	.579	...	...	...	...	...	...	...	950
3867	128 4 36.7	.985	.588	...	...	+ 1.7	7242	...	9448	...	23495
3868	114 52 21.1	.970	.538	+ 0.017	0.0	+ 0.2	7254	8020	9452	2189	23500
3869	145 52 21.4	.925	.718	...	...	+ 2.6	...	...	...	...	23514
3870	146 15 24.3	.923	.722	+ 0.010	...	+ 1.1	7233	8015	9457	...	23515
3871	145 24 27.8	.920	.713	+ 0.022	...	- 2.4	7237	8018	9459	...	23516
3872	140 30 58.5	.804	.670	...	...	- 0.2	7253	...	9469	...	23549
3873	126 20 23.9	.801	.581	...	...	...	...	...	...	...	1104
3874	138 28 25.5	.766	.654	...	...	...	...	...	...	...	...
3875	138 29 52.4	.753	.655	...	...	- 1.4	7257	...	9479	...	23570
3876	140 30 58.7	.701	- 0.071	...	...	+ 0.7	7262	8041	9485	...	23584
3877	114 3 29.2	.591	+ 0.527	+ 0.125	- 0.8	- 1.1	7289	8055	9503	2198	23614
3878	52 44 16.2	.537	- 0.299	- 0.016	- 0.7	...	...	8073	...	2207	...
3879	119 45 5.7	.536	.531	+ 0.146	- 0.1	+ 0.1	7293	8057	9508	2200	23629
3880	150 31 34.5	.498	.777	+ 0.110	...	+ 1.0	7271	8054	9513	...	23636
3881	94 58 23.5	.483	.459	...	- 1.2	- 0.4	...	8071	9512	...	23641
3882	85 44 57.4	.455	.428	- 0.015	- 0.4	...	...	8075	9517	2206	...
3883	126 40 18.6	.441	.563	...	...	+ 0.4	7299	8070	9518	...	23649
3884	127 10 19.6	.377	.596	...	...	...	...	...	...	...	1445
3885	130 29 40.3	+ 3.344	- 0.605	...	...	+ 0.6	...	...	...	...	23677

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
3886	...	C.P.D. - 40°. 7874	...	8.2	70.96	10	17 21 50.44	+ 4.2078	+ 0.0111	...	...	+ 0.04
3887	...	C.P.D. - 40°. 7879	...	8.8	74.88	13	17 21 59.48	+ 4.2093	+ 0.0111	...	...	+ 0.03
3888	...	C.P.D. - 41°. 8022	...	8.5	81.49	1	17 22 1.39	+ 4.2563	+ 0.0112	...	...	...
3889	...	C.P.D. - 40°. 7880	...	8.2	68.57	4	17 22 8.82	+ 4.2009	+ 0.0109	...	...	+ 0.05
3890	5899	Ara ... ..	$\alpha$	2.9	80.52	10	17 22 10.72	+ 4.6313	+ 0.0149	- 0.0058	...	- 0.22
3891	5901	34 Scorpil ... ..	$\nu$	2.8	80.14	10	17 22 15.85	+ 4.0730	+ 0.0097	- 0.0028	...	- 0.14
3892	...	Brisbane 6091	...	7.5	71.95	5	17 22 17.08	+ 5.2212	+ 0.0227	...	...	- 0.07
3893	...	Brisbane 6090	...	6.5	81.58	5	17 22 33.71	+ 4.4352	+ 0.0128	...	...	- 0.04
3894	...	C.P.D. - 41°. 8030	...	9.0	74.00	5	17 22 36.45	+ 4.2563	+ 0.0112	...	...	...
3895	...	Brisbane 6100	...	7.5	81.64	5	17 22 40.97	+ 4.4389	+ 0.0128	...	...	- 0.05
3896	...	C.P.D. - 38°. 6873	...	9.0	70.13	5	17 22 41.64	+ 4.1375	+ 0.0102	...	...	+ 0.26
3897	...	Brisbane 6103	...	7.0	72.83	5	17 22 54.85	+ 4.2169	+ 0.0109	...	...	- 0.02
3898	5907	51 Ophiuchi ... ..	$\epsilon^2$	4.9	78.59	5	17 23 47.43	+ 3.6563	+ 0.0065	- 0.0020	+ 0.06	0.00
3899	...	Brisbane 6107	...	7.5	81.86	5	17 24 1.53	+ 4.4120	+ 0.0122	...	...	0.00
3900	...	C.P.D. - 42°. 8600	...	7.5	81.98	5	17 25 1.18	+ 4.3896	+ 0.0117	...	...	+ 0.11
3901	5915	35 Scorpil ... ..	$\lambda$	1.7	80.79	10	17 25 7.32	+ 4.0683	+ 0.0090	- 0.0028	...	0.00
3902	...	C.P.D. - 40°. 7906	...	7.2	83.51	5	17 25 37.24	+ 4.1989	+ 0.0049	...	...	+ 0.14
3903	5922	76 Hercules ... ..	$\lambda$	4.3	79.60	5	17 25 41.00	+ 2.4215	+ 0.0029	- 0.0002	- 0.22	...
3904	5921	Ara ... ..	$\sigma$	4.5	79.95	5	17 26 21.43	+ 4.4021	+ 0.0120	...	...	+ 0.02
3905	5925	Brisbane 6125	...	5.8	79.59	5	17 26 32.54	+ 3.9146	+ 0.0076	...	...	- 0.09
3906	5928	Rumker 494	...	7.8	84.03	5	17 27 29.12	+ 5.0000	+ 0.0176	...	...	- 0.12
3907	...	C.P.D. - 44°. 8633	...	7.2	81.81	5	17 27 32.50	+ 4.3863	+ 0.0109	...	...	- 0.03
3908	...	C.P.D. - 44°. 8634	...	9.0	82.76	5	17 27 32.67	+ 4.3720	+ 0.0108	...	...	- 0.19
3909	5937	23 Draconis ... ..	$\beta$	3.0	73.25	8	17 27 36.54	+ 1.3538	+ 0.0052	- 0.0020	+ 0.04	...
3910	5932	Scorpil ... ..	$Q$	4.2	80.61	8	17 27 56.36	+ 4.1269	+ 0.0087	...	...	- 0.10
3911	...	C.Z. XVII. 1907	...	8.3	70.74	5	17 27 58.26	+ 5.4221	+ 0.0219	...	...	...
3912	...	Brisbane 6132	...	9.0	81.94	5	17 28 3.03	+ 4.3996	+ 0.0112	...	...	- 0.15
3913	...	B.D. + 12°. 3248	...	8.2	72.78	4	17 28 14.00	+ 2.7762	+ 0.0031	...	...	...
3914	5935	Scorpil ... ..	$\theta$	2.0	80.46	10	17 28 20.19	+ 4.3034	+ 0.0100	- 0.0016	...	- 0.14
3915	...	C.P.D. - 38°. 6937	...	8.5	83.58	5	17 28 35.86	+ 4.1333	+ 0.0087	...	...	...
3916	...	C.P.D. - 40°. 7934	...	8.0	67.78	5	17 28 50.34	+ 4.2129	+ 0.0094	...	...	+ 0.12
3917	5941	55 Ophiuchi ... ..	$\alpha$	2.2	71.70	10.9	17 29 7.90	+ 2.7748	+ 0.0030	+ 0.0066	- 0.04	...
3918	...	C.P.D. - 35°. 7064	...	8.2	66.56	5	17 29 9.33	+ 4.0086	+ 0.0079	...	...	...
3919	...	Brisbane 6140	...	8.0	81.61	5	17 29 21.26	+ 4.3878	+ 0.0103	...	...	- 0.24
3920	...	Brisbane 6142	...	7.5	81.61	5	17 29 39.49	+ 4.4290	+ 0.0106	...	...	- 0.10

3896.—P.D. 1° wrong in B.A.C.

3917.—Answers' A.N. 3509, P.M. - 0.0066

No.	Mean Polar Distance 1875°	Annual Precession 1875°	Secular Variation 1875°	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3886	130 44 11.5	+ 3.324	- 0.605	...	...	+ 1.1	...	...	...	...	23682
3887	130 46 16.2	.310	.606	...	...	+ 0.7	...	...	...	...	23691
3888	131 55 31.0	.307	.614	...	...	...	...	...	...	...	1406
3889	130 33 32.8	.298	.605	...	...	+ 0.4	...	...	...	...	23683
3890	139 46 26.7	.294	.637	+ 0.078	...	+ 1.1	7301	8077	9530	...	23694
3891	127 11 38.2	.287	.587	+ 0.037	...	+ 2.0	7313	8079	9522	2205	23698
3892	148 27 39.0	.285	.753	...	...	+ 2.2	...	...	9534	...	23699
3893	135 56 13.8	.282	.639	...	...	- 0.4	7308	8080	9535	...	23706
3894	131 54 38.8	.258	.614	...	...	...	...	...	...	...	1534
3895	135 59 34.2	.251	.640	...	...	+ 2.4	7310	8082	9536	...	23709
3896	128 55 8.4	.250	.506	...	...	- 1.8	...	...	...	...	23710
3897	130 56 25.8	.231	.608	...	...	+ 1.6	7315	...	9537	...	23714
3898	113 51 48.8	.155	.523	+ 0.029	- 0.4	- 1.0	7333	8098	9544	2209	23739
3899	135 24 58.3	.135	.636	...	...	+ 0.9	7326	...	9550	...	23747
3900	131 54 59.2	.049	.631	...	...	- 0.5	7329	...	9560	...	23773
3901	127 0 37.3	+ 3.041	.588	+ 0.038	...	+ 1.0	7336	8108	9562	2210	23778
3902	130 26 24.8	+ 2.997	.600	...	...	+ 1.8	7338	...	9566	...	23794
3903	63 47 37.9	.992	.350	- 0.022	0.0	...	...	8117	...	2213	...
3904	136 24 59.4	.932	.645	...	...	+ 0.2	7340	8108	9567	...	23805
3905	122 29 33.5	.917	.565	...	...	- 0.1	7345	8115	9570	...	23811
3906	146 44 16.4	.836	.736	...	...	+ 2.0	7339	...	9578	...	23827
3907	134 47 40.4	.831	.634	...	...	+ 0.8	7346	...	9577	...	23828
3908	134 28 49.0	.830	.632	...	...	+ 0.4	...	...	...	...	23829
3909	37 36 18.6	.825	.167	- 0.007	- 0.5	...	...	8130	...	2221	...
3910	128 32 41.9	.796	.597	...	...	+ 2.3	7350	8122	9585	...	23841
3911	150 36 10.0	.793	.783	...	...	...	...	...	...	...	1907
3912	135 4 25.8	.787	.636	...	...	- 1.7	...	...	...	...	23844
3913	77 23 54.2	.771	.402	...	...	...	...	8129	...	...	...
3914	132 54 56.0	.762	.623	+ 0.012	...	+ 1.0	7351	8127	9586	...	23849
3915	128 42 10.3	.739	.598	...	...	...	...	...	...	...	1944
3916	130 43 58.4	.718	.609	...	...	+ 3.2	...	...	...	...	23853
3917	77 20 50.2	.693	.402	+ 0.223	- 1.0	...	...	8134	9591	2218	...
3918	125 15 9.6	.691	.580	...	...	...	...	...	...	...	1973
3919	134 47 47.2	.674	.635	...	...	+ 0.9	...	...	...	...	23864
3920	135 40 36.5	+ 2.647	- 0.641	...	...	+ 0.4	...	...	9598	...	23868

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
3921	5950	24 Draconis ...	$\nu^1$	4.9	80.54	5	h m s 17 29 42.92	s + 1.1604	s + 0.0058	s + 0.0169	s + 0.07	...
3922	5951	25 Draconis ...	$\nu^2$	4.8	80.60	5	17 29 48.14	+ 1.1611	+ 0.0058	+ 0.0176	- 0.12	...
3923	...	C.P.D. - 40° . 7948 ...	...	8.5	70.98	5	17 30 9.46	+ 4.2225	+ 0.0091	...	...	+ 0.17
3924	5916	C.P.D. - 27° . 5679 ...	...	7.2	75.55	10	17 30 19.50	+ 3.7762	+ 0.0061	...	...	- 0.06
3925	5949	55 Serpentis ...	$\xi$	3.7	69.59	9	17 30 23.77	+ 3.4355	+ 0.0047	- 0.0048	...	- 0.05
3926	5953	57 Ophiuchi ...	$\mu$	4.7	79.76	5	17 31 3.00	+ 3.2595	+ 0.0041	- 0.0031	+ 0.05	+ 0.08
3927	...	C.P.D. - 38° . 6963 ...	...	8.5	83.39	5	17 31 11.63	+ 4.1195	+ 0.0081	...	...	...
3928	5954	Piazzi XVII. 160 ...	...	6.8	71.88	5	17 31 14.30	+ 3.6037	+ 0.0054	- 0.0042	+ 0.02	+ 0.08
3929	...	Brisbane 6151 ...	...	7.8	82.19	5	17 31 29.39	+ 4.3804	+ 0.0097	...	...	+ 0.08
3930	5960	Brisbane 6156 ...	...	7.0	79.97	5	17 31 52.21	+ 3.9054	+ 0.0066	0.000	...	- 0.18
3931	...	C.P.D. - 40° . 7978 ...	...	8.5	83.52	5	17 32 22.68	+ 4.1868	+ 0.0081	...	...	+ 0.19
3932	5972	27 Draconis ...	$f$	5.3	80.31	5	17 32 27.90	- 0.2487	+ 0.0153	- 0.0043	- 0.02	...
3933	...	Brisbane 6160 ...	...	8.0	81.94	5	17 32 45.11	+ 4.3865	+ 0.0093	...	...	0.00
3934	...	R.P.L. 120 ...	...	7.3	83.24	5	17 33 16.76	- 1.0524	+ 0.3231	...	...	...
3935	5963	Pavonis ...	$\eta$	3.5	77.48	5	17 33 27.84	+ 5.8766	+ 0.0226	- 0.0055	...	- 0.21
3936	5970	Scorpii ...	$\kappa$	2.6	63.77	5	17 33 50.43	+ 4.1459	+ 0.0079	- 0.0032	...	- 0.07
3937	...	C.P.D. - 35° . 7128 ...	...	7.5	84.69	5	17 33 54.10	+ 4.0279	+ 0.0069	...	...	...
3938	5971	Aræ ...	$\mu$	5.3	79.60	5	17 34 13.43	+ 4.7582	+ 0.0116	- 0.004	...	- 0.02
3939	...	Brisbane 6172 ...	...	7.2	81.65	5	17 34 20.98	+ 4.4435	+ 0.0093	...	...	- 0.12
3940	5976	56 Serpentis ...	$o$	4.4	72.13	5	17 34 23.40	+ 3.3743	+ 0.0041	- 0.0053	...	+ 0.11
3941	...	Anonymous ...	...	7.5	83.61	5	17 34 49.01	+ 4.9062	+ 0.0124	...	...	...
3942	...	C.P.D. - 38° . 6999 ...	...	9.0	71.20	5	17 34 58.29	+ 4.1472	+ 0.0075	...	...	...
3943	...	C.P.D. - 36° . 7528 ...	...	9.8	68.95	5	17 35 18.96	+ 4.0471	+ 0.0067	...	...	...
3944	...	C.P.D. - 38° . 7003 ...	...	10.0	70.36	5	17 35 19.42	+ 4.1332	+ 0.0072	...	...	...
3945	5981	Piazzi XVII. 186 ...	...	6.8	75.55	10	17 35 25.50	+ 3.7737	+ 0.0055	...	...	- 0.09
3946	...	Brisbane 6177 ...	...	7.5	81.86	5	17 35 27.07	+ 4.4478	+ 0.0090	...	...	- 0.02
3947	...	C.P.D. - 38° . 7006 ...	...	7.0	67.53	5	17 35 28.03	+ 4.1389	+ 0.0072	...	...	+ 0.10
3948	5990	85 Hercules ...	$\iota$	3.9	79.36	5	17 35 56.08	+ 1.6918	+ 0.0035	- 0.0015	- 0.06	...
3949	5987	58 Ophiuchi ...	...	5.0	68.25	10	17 35 56.40	+ 3.5993	+ 0.0050	- 0.0071	+ 0.09	+ 0.10
3950	5994	Piazzi XVII. 207 ...	...	7.8	78.30	5	17 36 35.13	+ 2.4622	+ 0.0027	...	- 0.11	...
3951	...	C.Z. XVII. 2521 ...	...	8.0	70.74	5	17 37 2.43	+ 5.4938	+ 0.0162	...	...	+ 0.19
3952	5996	60 Ophiuchi ...	$\beta$	2.9	82.64	65	17 37 17.83	+ 2.9547	+ 0.0030	- 0.0040	- 0.03	...
3953	...	C.Z. XVII. 2548 ...	...	9.0	72.65	5	17 37 22.72	+ 5.4358	+ 0.0155	...	...	- 0.21
3954	6006	28 Draconis ...	$\omega$	4.9	80.23	4	17 37 40.86	- 0.3610	+ 0.0139	+ 0.0019	- 0.23	...
3955	...	C.P.D. - 36° . 7583 ...	...	8.5	69.10	8	17 38 24.54	+ 4.0570	+ 0.0064	...	...	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3921	34 43 46.2	+ 2.642	- 0.169	- 0.050	- 0.2	...	...	8147	...	2222	...
3922	34 44 28.3	.635	.169	- 0.051	- 0.3	...	...	8149	...	2224	...
3923	130 56 52.9	.604	.611	...	...	+ 0.5	...	...	...	...	23875
3924	117 58 6.0	.589	.547	...	...	+ 0.1	7371	...	9600	...	23877
3925	105 19 3.7	.580	.498	+ 0.058	...	+ 0.5	...	8139	9601	2217	23879
3926	98 2 25.2	.526	.473	+ 0.006	- 1.6	- 0.9	...	8145	...	2220	23892
3927	128 17 38.8	.514	.597	...	...	...	...	...	...	...	2120
3928	111 50 11.2	.510	.522	+ 0.035	- 0.3	+ 0.7	...	8141	...	2219	23898
3929	134 35 58.5	.488	.635	...	...	+ 0.3	...	...	...	...	23906
3930	122 7 40.7	.456	.566	0.00	...	+ 0.3	7382	8150	9611	...	23911
3931	130 1 17.4	.411	- 0.607	...	...	+ 0.5	...	...	...	...	23928
3932	21 47 7.5	.403	+ 0.035	- 0.126	- 0.2	...	...	8177	...	2234	...
3933	134 42 52.5	.378	- 0.636	...	...	+ 0.8	...	...	...	...	23942
3934	5 17 6.4	.333	+ 1.633	...	...	...	...	...	...	...	...
3935	154 39 37.8	.317	- 0.853	+ 0.045	...	+ 1.7	7364	8152	9628	...	23958
3936	128 57 46.9	.284	.601	+ 0.011	...	+ 0.8	7393	8164	9632	...	23966
3937	125 44 3.0	.279	.585	...	...	...	...	...	...	...	...
3938	141 45 50.8	.251	.699	+ 0.20	...	- 0.1	7385	8163	9636	...	23974
3939	135 54 25.4	.240	.645	...	...	- 0.6	7391	8168	9639	...	23990
3940	102 48 21.7	.236	.430	+ 0.036	...	- 0.4	...	8172	9637	2225	23983
3941	144 4 23.0	.199	.712	...	...	...	...	...	...	...	...
3942	128 57 53.9	.186	.602	...	...	...	...	...	...	...	23993
3943	126 15 26.9	.156	.588	...	...	...	...	...	...	...	...
3944	128 35 47.4	.155	.600	...	...	...	...	...	...	...	...
3945	117 40 17.2	.146	.548	...	...	+ 0.4	7412	8180	9647	...	24007
3946	135 58 52.5	.144	.646	...	...	- 2.4	7400	...	9651	...	24010
3947	128 44 34.5	.143	.601	...	...	- 0.1	7406	...	9650	...	24011
3948	43 55 34.2	.102	.246	+ 0.005	- 0.6	...	...	8195	...	2233	...
3949	111 37 12.0	.101	.523	+ 0.043	- 0.6	- 0.9	...	8184	9653	2226	24030
3950	65 21 48.2	.041	.358	...	+ 1.0	...	...	8199	...	...	...
3951	150 36 27.3	+ 2.004	.789	...	...	+ 0.5	...	...	...	...	24059
3952	85 22 42.9	+ 1.983	.431	- 0.163	- 1.3	...	...	8201	9666	2229	...
3953	150 37 29.6	.970	- 0.789	...	...	+ 1.4	...	...	...	...	24068
3954	21 11 3.4	.950	+ 0.051	- 0.316	- 0.6	...	...	8223	...	2238	...
3955	126 29 39.6	+ 1.887	- 0.590	...	...	...	...	...	...	...	2618

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
3956	G004	Scorpii ... ..	$\iota^1$ 3.1	79.52	10	17 38 50.54	+ 4.1022	+ 0.0065	- 0.0014	...	- 0.10
3957	...	C.P.D. - 38°. 7036	...	8.5	4	17 39 1.74	+ 4.1210	+ 0.0062	...	...	...
3958	G008	3 Sagittarii ...	$\chi$ Var.	77.51	10	17 39 41.56	+ 3.7737	+ 0.0048	- 0.0024	- 0.07	+ 0.06
3959	...	C.P.D. - 38°. 7042	...	8.5	5	17 39 50.35	+ 4.1245	+ 0.0060	...	...	...
3960	...	C.P.D. - 37°. 7493	...	10.0	4	17 40 1.81	+ 4.0867	+ 0.0061	...	...	...
3961	...	C.P.D. - 37°. 7498	...	8.0	5	17 40 18.40	+ 4.0894	+ 0.0060	...	...	...
3962	...	C.P.D. - 37°. 7503	...	9.0	10	17 40 28.84	+ 4.0853	+ 0.0060	...	...	...
3963	...	C.P.D. - 36°. 7624	...	8.5	5	17 40 42.40	+ 4.0573	+ 0.0057	...	...	- 0.13
3964	G016	Piazzi XVII. 227	...	5.0	5	17 41 3.25	+ 3.8337	+ 0.0050	- 0.0001	...	- 0.08
3965	...	C.P.D. - 35°. 7291	...	7.5	5	17 41 6.58	+ 4.0168	+ 0.0054	...	...	- 0.10
3966	G018	Scorpii ... ..	$\zeta$ 3.2	77.55	5	17 41 20.84	+ 4.0763	+ 0.0055	+ 0.0021	...	- 0.12
3967	G019	Scorpii ... ..	$\epsilon^2$ 4.9	80.51	6	17 41 26.55	+ 4.1022	+ 0.0059	...	...	- 0.10
3968	G021	86 Hercules ...	$\mu$ 3.5	73.81	118	17 41 33.98	+ 2.3097	+ 0.0025	- 0.0253	+ 0.01	...
3969	G020	62 Ophiuchi ...	$\gamma$ 3.8	79.20	5	17 41 37.59	+ 3.0080	+ 0.0028	- 0.0029	+ 0.00	...
3970	...	C.P.D. - 28°. 5880	...	9.5	5	17 41 46.76	+ 3.7945	+ 0.0045	...	...	...
3971	...	Brisbane 6216	...	8.5	4	17 42 12.46	+ 4.8715	+ 0.0089	...	...	- 0.03
3972	...	Radeliffe 3765	...	8.3	4	17 43 32.25	- 1.1479	+ 0.0164	...	...	...
3973	...	C.P.D. - 39°. 7075	...	7.5	5	17 43 37.43	+ 4.1565	+ 0.0052	...	...	...
3974	G028	Brisbane 6227	...	6.8	5	17 43 56.58	+ 4.2711	+ 0.0056	...	...	- 0.28
3975	...	C.P.D. - 38°. 7121	...	8.0	5	17 44 6.28	+ 4.1373	+ 0.0052	...	...	...
3976	G047	31 Draconis ...	$\psi^1$ 4.8	71.26	4	17 44 10.21	- 1.0844	+ 0.0155	+ 0.0012	+ 0.46	...
3977	G048	31 Draconis ...	$\psi^2$ 6.0	74.77	5	17 44 11.56	- 1.0864	+ 0.0156	- 0.0008	+ 0.12	...
3978	...	C.P.D. - 41°. 8344	...	9.0	5	17 44 37.60	+ 4.2718	+ 0.0055	...	...	...
3979	...	C.P.D. - 39°. 7703	...	9.0	5	17 45 6.64	+ 4.1615	+ 0.0049	...	...	...
3980	...	C.P.D. - 38°. 7152	...	8.0	5	17 45 46.90	+ 4.1371	+ 0.0049	...	...	+ 0.10
3981	...	C.P.D. - 38°. 7153	...	9.0	5	17 45 48.48	+ 4.1450	+ 0.0049	...	...	...
3982	...	C.P.D. - 38°. 7174	...	8.5	5	17 47 7.34	+ 4.1398	+ 0.0044	...	...	- 0.18
3983	G057	C.P.D. - 32°. 4070	...	7.0	5	17 48 5.58	+ 3.9212	+ 0.0037	...	...	- 0.20
3984	G059	C.P.D. - 26°. 6092	...	7.3	5	17 48 36.32	+ 3.7452	+ 0.0033	...	...	+ 0.14
3985	G058	C.P.D. - 32°. 4977	...	7.2	5	17 48 38.66	+ 3.9284	+ 0.0036	...	...	- 0.13
3986	G061	Brisbane 6258	...	4.7	5	17 48 54.88	+ 4.2618	+ 0.0046	...	...	- 0.07
3987	...	C.P.D. - 39°. 7780	...	7.1	5	17 49 1.11	+ 4.1568	+ 0.0042	...	...	- 0.16
3988	...	C.Z. XVII. 3314	...	9.0	5	17 49 2.25	+ 5.5083	+ 0.0000	...	...	+ 0.01
3989	G065	Piazzi XVII. 281	...	5.9	5	17 49 7.65	+ 3.4498	+ 0.0029	...	...	- 0.02
3990	...	C.P.D. - 39°. 7791	...	6.9	6	17 49 17.87	+ 4.1583	+ 0.0042	...	...	- 0.02

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3956	130 4 32.5	+ 1.819	- 0.610	- 0.001	...	0.0	7425	8205	9075	...	24107
3957	128 18 34.9	.833	.600	...	...	...	...	...	...	...	...
3958	117 46 51.4	.775	.540	+ 0.018	- 1.2	+ 0.5	7440	8215	9079	2230	24120
3959	128 18 40.5	.762	.597	...	...	...	...	...	...	...	...
3960	127 17 43.4	.746	.594	...	...	...	...	...	...	...	...
3961	127 21 56.2	.720	.595	...	...	...	...	...	...	...	2720
3962	127 14 55.1	.706	.594	...	...	...	...	...	...	...	2742
3963	126 28 39.1	.680	.591	...	...	+ 1.9	...	...	...	...	24157
3964	121 39 23.9	.656	.567	+ 0.04	...	- 0.9	7451	8227	9098	...	24169
3965	125 20 1.0	.651	.585	...	...	+ 1.4	7448	...	9699	...	24171
3966	127 0 3.9	.630	.594	- 0.023	...	+ 1.0	7449	8229	9705	...	24170
3967	130 2 51.5	.622	.610	...	...	+ 1.4	7447	8280	9707	...	24182
3968	62 12 17.9	.611	.346	+ 0.738	+ 0.2	...	...	8238	9706	2237	...
3969	87 14 39.1	.606	.438	+ 0.070	0.0	...	...	8235	...	2236	...
3970	118 27 39.6	.593	.553	...	...	...	...	...	...	...	2228
3971	143 28 5.8	.556	- 0.709	...	...	- 0.3	...	...	...	...	24201
3972	17 32 11.9	.439	+ 0.166	...	...	...	...	...	...	...	...
3973	129 6 48.5	.432	- 0.606	...	...	...	...	...	...	...	...
3974	131 57 19.3	.404	.622	...	...	+ 3.7	7463	8243	9726	...	24241
3975	128 36 27.9	.390	- 0.603	...	...	...	...	...	...	...	...
3976	17 47 24.7	.384	+ 0.157	+ 0.274	- 1.5	...	...	8269	...	2251	...
3977	17 46 55.2	.382	+ 0.157	+ 0.278	- 0.9	...	...	8270	...	2252	...
3978	131 57 52.8	.344	- 0.622	...	...	...	...	...	...	...	3025
3979	129 13 49.9	.302	.607	...	...	...	...	...	...	...	5660
3980	123 35 32.9	.244	.603	...	...	+ 0.2	...	...	...	...	24280
3981	128 47 54.9	.241	.601	...	...	...	...	...	...	...	3100
3982	128 39 6.0	.126	.603	...	...	- 1.7	...	...	...	...	24309
3983	122 27 5.4	+ 1.042	.571	...	...	+ 1.0	7494	...	9763	...	24327
3984	116 44 52.9	+ 0.897	.546	...	...	+ 0.6	7506	...	9766	...	24339
3985	122 40 0.5	.903	.572	...	...	- 0.1	7502	...	9767	...	24340
3986	131 41 44.7	.970	.621	...	...	+ 0.2	7497	8282	9771	...	24248
3987	129 4 52.0	.961	.605	...	...	+ 1.4	7499	...	9772	...	24352
3988	152 8 42.6	.959	.815	...	...	+ 3.6	...	...	...	...	24353
3989	105 47 18.0	.951	.503	...	...	+ 0.9	...	8288	...	...	24357
3990	129 7 0.1	+ 0.936	- 0.606	...	...	+ 2.9	7504	...	9775	...	24358



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
3991	...	C.P.D. — 35°. 7563 ...	7.0	82.58	5	17 49 31.11	+ 4.0421	+ 0.0037	...	...	— 0.16
3992	...	C.Z. XVII. 3357 ...	9.0	83.07	5	17 49 44.54	+ 5.5160	+ 0.0077	...	...	...
3993	6074	Piazzi XVII. 294 (1st) ...	5.8	78.82	5	17 51 3.67	+ 3.8509	+ 0.0034	+ 0.003	...	0.00
3994	...	C.P.D. — 40°. 8310 ...	8.5	65.77	5	17 51 11.74	+ 4.2272	+ 0.0042	...	...	— 0.11
3995	...	C.P.D. — 39°. 7826 ...	7.8	83.48	5	17 51 18.04	+ 4.1560	+ 0.0034	...	...	— 0.26
3996	6070	32 Draconis ... .. ξ	3.9	79.21	5	17 51 21.80	+ 1.0233	+ 0.0038	+ 0.0112	— 0.08	...
3997	...	C.Z. XVII. 3491 ...	8.5	70.35	5	17 51 42.54	+ 5.5987	+ 0.0073	...	...	...
3998	...	C.P.D. — 37°. 7756 ...	7.2	83.40	5	17 51 43.02	+ 4.0936	+ 0.0033	...	...	— 0.13
3999	6082	91 Herculis ... .. θ	4.0	79.20	5	17 51 57.88	+ 2.0555	+ 0.0025	— 0.0008	— 0.06	...
4000	...	C.P.D. — 47°. 8644 ...	9.0	83.43	5	17 51 58.25	+ 4.5070	+ 0.0039	...	...	...
4001	6078	64 Ophiuchi ... .. ν	3.5	77.47	5	17 52 8.70	+ 3.3019	+ 0.0024	— 0.0024	+ 0.07	+ 0.04
4002	6077	4 Sagittarii ... .. δ	4.6	66.75	4	17 52 0.63	+ 3.6617	+ 0.0028	— 0.0013	— 0.07	0.00
4003	...	O.A.S. 17.446 ... ..	8.2	83.61	5	17 52 14.87	+ 3.8399	+ 0.0029	...	...	...
4004	...	O.A.S. 17.452 ... ..	7.8	83.57	5	17 52 27.80	+ 3.8379	+ 0.0020	...	...	— 0.17
4005	...	C.P.D. — 40°. 8338 ...	8.8	72.61	5	17 52 45.60	+ 4.2268	+ 0.0037	...	...	...
4006	6084	92 Herculis ... .. ξ	3.9	79.92	5	17 52 54.39	+ 2.3235	+ 0.0023	+ 0.0052	— 0.03	...
4007	...	Brisbane 6277 ... ..	7.0	68.77	5	17 53 22.28	+ 5.3119	+ 0.0053	...	...	— 0.13
4008	...	Brisbane 6280 ... ..	6.8	66.33	4	17 53 41.02	+ 5.3148	+ 0.0052	...	...	+ 0.20
4009	6091	33 Draconis ... .. γ	2.4	68.39	11	17 53 42.19	+ 1.3918	+ 0.0030	— 0.0017	— 0.05	...
4010	6087	94 Herculis ... .. ν	4.6	80.36	5	17 53 43.01	+ 2.2944	+ 0.0024	— 0.0006	— 0.13	...
4011	6085	57 Serpentis ... .. ζ	4.5	79.44	5	17 53 52.81	+ 3.1582	+ 0.0023	+ 0.0080	+ 0.06	+ 0.07
4012	6089	66 Ophiuchi ... ..	4.8	79.93	5	17 54 4.30	+ 2.9698	+ 0.0021	— 0.0024	— 0.05	...
4013	6092	67 Ophiuchi ... ..	4.0	80.53	5	17 54 23.13	+ 3.0036	+ 0.0022	— 0.0018	...	...
4014	6094	93 Herculis ... ..	4.5	80.20	5	17 54 29.51	+ 2.6697	+ 0.0022	— 0.0014	— 0.02	...
4015	...	C.P.D. — 36°. 7957 ...	9.0	82.60	5	17 54 43.83	+ 4.0627	+ 0.0027	...	...	...
4016	6114	35 Draconis ... ..	5.1	80.66	5	17 55 3.08	— 2.7071	+ 0.0124	+ 0.0126	+ 0.11	...
4017	...	C.P.D. — 38°. 7332 ...	9.0	82.77	5	17 56 3.24	+ 4.1527	+ 0.0024	...	...	...
4018	6102	9 Sagittarii ... ..	5.7	72.90	5	17 56 12.56	+ 3.6775	+ 0.0022	— 0.0031	— 0.02	— 0.08
4019	6104	69 Ophiuchi ... .. τ	4.9	79.62	5	17 56 16.50	+ 3.2643	+ 0.0021	+ 0.0016	— 0.10	+ 0.06
4020	6100	Pavonis ... .. π	4.4	80.83	5	17 56 32.84	+ 5.7735	+ 0.0034	0.000	...	+ 0.13
4021	6105	Aræ ... .. θ	3.8	77.50	5	17 56 54.02	+ 4.6709	+ 0.0023	— 0.002	...	— 0.04
4022	...	C.P.D. — 37°. 7858 ...	7.5	83.47	5	17 57 0.87	+ 4.0971	+ 0.0022	...	...	— 0.05
4023	6107	Sagittarii ... .. IV	Var.	75.04	10	17 57 2.23	+ 3.8311	+ 0.0021	0.000	...	+ 0.20
4024	6110	96 Herculis ... ..	5.1	79.23	5	17 57 2.34	+ 2.5635	+ 0.0022	— 0.0016	— 0.14	...
4025	...	Yarnall 7613 ... ..	7.8	83.44	5	17 57 32.58	+ 4.0957	+ 0.0020	...	...	— 0.09

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
3991	125 59 18.2	+ 0.917	- 0.589	...	...	+ 0.8	7510	...	9776	...	24363
3992	151 21 6.7	.897	.804	...	...	...	...	...	...	...	3357
3993	120 14 15.1	.782	.561	+ 0.05	...	- 0.6	7521	8300	9795	...	24407
3994	130 50 31.2	.770	.616	...	...	+ 1.1	...	...	...	...	24412
3995	129 2 58.5	.761	.606	...	...	+ 1.2	...	...	...	...	24414
3996	33 6 20.5	.755	.149	- 0.071	+ 1.0	...	...	8315	...	2203	...
3997	152 7 42.0	.725	.816	...	...	...	...	...	...	...	3491
3998	127 23 46.5	.725	.597	...	...	+ 1.8	...	...	...	...	24425
3999	52 43 51.4	.703	.300	- 0.014	- 0.6	...	...	8313	...	2256	...
4000	137 2 24.1	.703	.657	...	...	...	...	...	...	...	...
4001	99 45 21.7	.688	.481	+ 0.112	- 1.9	+ 0.4	...	8307	9802	2250	24436
4002	113 48 7.9	.686	.534	+ 0.054	- 1.4	- 1.0	7526	8306	9803	2246	24488
4003	119 52 53.0	.678	.560	...	...	...	...	...	...	...	3525
4004	119 48 49.3	.659	.559	...	...	+ 1.0	...	...	...	...	24446
4005	130 49 38.2	.633	.614	...	...	...	...	...	...	...	3539
4006	60 41 14.5	.620	.339	+ 0.024	+ 0.7	...	...	8317	...	2258	...
4007	149 10 31.1	.580	.774	...	...	+ 3.0	7517	...	9800	...	24470
4008	149 12 21.6	.552	.775	...	...	+ 3.0	7518	...	9812	...	24480
4009	38 29 44.3	.551	.203	+ 0.023	- 0.3	...	...	8333	...	2207	...
4010	59 47 54.7	.549	.335	- 0.007	- 2.4	...	...	8327	...	2261	...
4011	93 40 49.4	.537	.460	+ 0.042	0.0	+ 1.8	...	8320	...	2254	24486
4012	85 37 19.8	.519	.433	- 0.020	- 1.6	...	...	8325	...	2257	...
4013	87 3 36.8	.491	.438	+ 0.006	...	...	...	8328	...	2259	...
4014	73 14 25.7	.482	.389	- 0.009	- 0.1	...	...	8331	...	2262	...
4015	126 32 30.4	.461	- 0.592	...	...	...	...	...	...	...	3696
4016	13 1 17.8	.433	+ 0.395	- 0.233	- 2.0	...	...	8371	...	2287	...
4017	128 56 54.3	.345	- 0.605	...	...	...	...	...	...	...	3787
4018	114 21 38.8	.332	.536	+ 0.005	- 1.1	- 1.0	7547	8342	9827	2260	24550
4019	98 10 39.1	.326	.476	+ 0.008	- 3.5	- 1.2	...	8347	9828	2265	24552
4020	153 40 13.4	.302	.842	+ 0.220	...	+ 1.8	7527	...	9833	...	24559
4021	140 5 47.2	.272	.681	+ 0.01	...	- 0.6	7535	8343	9833	...	24574
4022	127 28 30.1	.261	.598	...	...	+ 1.9	7546	...	9810	...	24576
4023	119 34 59.8	.259	.559	+ 0.01	...	+ 1.4	7552	8350	9839	...	24577
4024	69 9 55.3	.259	.374	+ 0.007	0.0	...	...	8361	...	2269	...
4025	127 26 19.8	+ 0.215	- 0.597	...	...	+ 1.0	...	...	...	...	24588

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
4026	...	Yarnall 7616 ...	7.8	88.52	5	17 57 40.47	+ 4.0981	+ 0.0020	...	...	- 0.06	
4027	6115	10 Sagittarii ...	γ	3.0	77.48	5	17 57 46.57	+ 3.8573	+ 0.0020	- 0.0060	...	- 0.14
4028	6112	Brisbane 6302 ...	...	5.2	68.57	5	17 57 47.57	+ 4.3378	+ 0.0024	- 0.006	...	+ 0.04
4029	...	C.P.D. - 38°. 7371 ...	...	8.5	83.39	5	17 58 49.59	+ 4.1249	+ 0.0017	...	...	- 0.11
4030	...	C.P.D. - 35°. 7955 ...	...	8.7	88.61	5	17 58 58.31	+ 4.1752	+ 0.0017	...	...	...
4031	6123	70 Ophiuchi (1st) ...	...	4.1	79.23	5	17 59 8.32	+ 3.0131	+ 0.0019	+ 0.0131	- 0.03	...
4032	6129	Groombridge 2502 ...	...	6.2	77.66	5	17 59 53.07	+ 1.5632	+ 0.0025	...	+ 0.03	...
4033	6127	Piazzi XVII. 359 ...	...	4.7	77.66	5	18 0 9.76	+ 3.7973	+ 0.0016	...	- 0.24	- 0.20
4034	...	Melbourne 1. 913 ...	...	8.2	68.38	5	18 0 20.27	+ 5.4293	+ 0.0012	...	...	+ 0.11
4035	6143	72 Ophiuchi ...	...	3.8	82.33	65	18 1 25.39	+ 2.8473	+ 0.0019	- 0.0052	- 0.02	...
4036	6140	Telescopii ...	ε	4.5	78.42	5	18 1 57.00	+ 4.4553	+ 0.0007	- 0.0045	...	- 0.01
4037	...	C.P.D. - 41°. 8612 ...	...	9.0	63.99	5	18 2 0.70	+ 4.2645	+ 0.0111	...	...	...
4038	6136	Brisbane 6320 ...	...	6.9	79.42	5	18 2 14.67	+ 5.7787	- 0.0011	...	...	- 0.26
4039	6150	103 Hercules ...	o	4.0	79.03	5	18 2 39.81	+ 2.3389	+ 0.0021	- 0.0010	- 0.16	...
4040	...	C.P.D. - 38°. 7417 ...	...	8.5	83.64	5	18 2 49.14	+ 4.1248	+ 0.0009	...	...	...
4041	...	B.D. + 30°. 3133 ...	...	7.5	70.77	5	18 3 28.54	+ 2.2697	+ 0.0022	...	...	...
4042	...	C.P.D. - 41°. 8618 ...	...	8.5	65.78	5	18 3 36.36	+ 4.2651	+ 0.0007	...	...	+ 0.02
4043	6148	Brisbane 6329 ...	...	5.6	78.24	5	18 3 48.35	+ 5.7054	- 0.0021	...	...	- 0.20
4044	6161	1 Sagittarii ...	...	5.3	84.37	5	18 4 5.70	+ 3.6597	+ 0.0010	- 0.0003	- 0.02	+ 0.02
4045	...	Herculis ...	T	Var.	70.90	10	18 4 22.33	+ 2.2691	+ 0.0021	...	...	...
4046	...	B.D. + 30°. 3136 ...	...	9.4	72.49	5	18 4 22.35	+ 2.2743	+ 0.0021	...	...	...
4047	...	C.P.D. - 43°. 8504 ...	...	9.1	83.04	2	18 5 16.15	+ 4.3239	- 0.0001	...	...	...
4048	...	C.P.D. - 43°. 8507 ...	...	8.5	83.36	8	18 5 18.39	+ 4.3266	- 0.0001	...	...	- 0.29
4049	...	C.P.D. - 41°. 8628 ...	...	7.8	83.41	5	18 5 26.64	+ 4.2731	+ 0.0001	...	...	- 0.12
4050	...	C.P.D. - 36°. 5371 ...	...	10.1	71.91	5	18 5 31.26	+ 3.8667	+ 0.0007	...	...	...
4051	...	C.P.D. - 36°. 8087 ...	...	7.8	83.59	5	18 6 9.11	+ 4.0767	+ 0.0002	...	...	- 0.07
4052	6168	13 Sagittarii ...	μ <sup>1</sup>	4.1	72.12	130	18 6 17.25	+ 3.5876	+ 0.0009	- 0.0019	- 0.01	- 0.02
4053	...	C.P.D. - 33°. 4963 ...	...	8.8	78.86	5	18 6 28.81	+ 3.9458	+ 0.0063	...	...	...
4054	6172	14 Sagittarii ...	...	5.9	74.40	5	18 6 45.28	+ 3.6052	+ 0.0009	- 0.0032	+ 0.06	+ 0.01
4055	...	C.P.D. - 31°. 5436 ...	...	8.5	76.59	4	18 6 48.11	+ 3.8884	+ 0.0003	...	...	...
4056	...	Brisbane 6352 ...	...	7.0	68.61	5	18 6 49.63	+ 4.3274	- 0.0002	...	...	+ 0.11
4057	6178	104 Hercules ...	A	4.9	79.40	5	18 7 11.94	+ 2.2578	+ 0.0020	- 0.0020	0.00	...
4058	6175	C.P.D. - 32°. 5248 ...	...	8.0	74.53	5	18 7 27.06	+ 3.9194	+ 0.0001	...	...	- 0.10
4059	6170	Brisbane 6348 ...	...	6.4	84.61	5	18 7 35.06	+ 5.8021	- 0.0053	...	...	+ 0.12
4060	6179	15 Sagittarii ...	...	5.6	71.81	5	18 7 45.45	+ 3.5789	+ 0.0008	- 0.0018	- 0.05	+ 0.02

4028.-P. M. Stone

4038.-Orange red

4054.-Yellow

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1850	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4026	127 30 6.8	+ 0.204	- 0.597	...	...	+ 2.6	...	...	9849	...	24502
4027	120 25 24.2	.194	.563	+ 0.188	...	+ 1.2	7557	8358	9652	2266	24506
4028	133 25 43.0	.193	.632	+ 0.12	...	+ 1.6	7550	8355	9653	...	24508
4029	128 13 9.0	.102	.602	...	...	- 1.0	...	...	...	...	24620
4030	129 31 43.1	.090	.609	...	...	...	...	...	...	...	4015
4031	87 28 0.1	.075	.439	+ 1.109	- 1.6	...	...	8372	...	2271	...
4032	41 32 25.8	+ 0.011	.228	...	- 1.9	...	...	...	...	...	...
4033	118 28 7.3	- 0.014	.554	...	- 1.5	+ 1.3	7579	8376	9869	...	24649
4034	150 26 9.6	.029	.792	...	...	+ 2.7	...	...	...	...	24653
4035	80 27 8.2	.124	.415	- 0.087	- 0.8	...	...	8394	9881	2275	...
4036	135 58 23.8	.171	.650	+ 0.036	...	+ 0.7	7581	8386	9889	...	24703
4037	131 43 33.0	.176	.622	...	...	...	...	...	...	...	135
4038	153 42 47.0	.196	.843	...	...	+ 1.5	7561	...	9805	...	24714
4039	61 15 13.3	.233	.341	- 0.009	+ 1.3	...	...	8405	...	2281	...
4040	128 13 0.0	.247	.602	...	...	...	...	...	...	...	191
4041	59 1 9.1	.304	.331	...	...	...	...	...	...	...	...
4042	131 44 25.6	.316	.622	...	...	- 0.3	...	...	...	...	24741
4043	153 5 4.8	.333	.832	...	...	+ 2.6	7577	...	9905	...	24745
4044	113 43 23.3	.358	.534	+ 0.06	- 1.1	- 2.7	7613	8410	9907	2276	24755
4045	58 59 59.5	.382	.331	...	...	...	...	...	...	...	...
4046	59 9 48.2	.382	.332	...	...	...	...	...	...	...	...
4047	133 7 16.1	.461	.630	...	...	...	...	...	...	...	...
4048	133 10 56.0	.465	.631	...	...	+ 0.6	...	...	9922	...	24783
4049	131 56 20.5	.477	.623	...	...	+ 1.2	7600	...	9924	...	24787
4050	120 43 30.5	.484	.564	...	...	...	...	...	...	...	...
4051	126 55 50.5	.538	.594	...	...	+ 2.2	...	...	...	...	24810
4052	111 5 21.4	.550	.523	- 0.005	- 1.0	0.0	...	8419	9932	2284	24812
4053	123 10 22.5	.567	.575	...	...	...	...	...	...	...	460
4054	111 44 39.6	.591	.526	+ 0.021	- 0.5	+ 0.4	...	8422	...	2286	24817
4055	121 25 2.3	.594	.567	...	...	...	...	...	...	...	460
4056	133 12 11.1	.598	.631	...	...	+ 1.5	7632	...	9938	...	24822
4057	58 37 28.2	.630	.329	- 0.033	+ 0.1	...	...	8430	...	2291	...
4058	122 22 37.7	.652	.571	...	...	+ 1.6	7635	...	9949	...	24846
4059	153 55 10.7	.663	.844	...	...	+ 5.2	7601	...	9951	...	24848
4060	110 45 48.4	- 0.678	- 0.522	- 0.009	+ 0.6	+ 2.0	...	8428	...	2288	24850

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4061	...	C.P.D. — 41°. 8637 ...	3.7	83.35	5	18 8 31.05	+ 4.2448	- 0.0008	...	...	...
4062	...	C.P.D. — 32°. 5273 ...	9.0	76.37	5	18 8 48.73	+ 3.9203	- 0.0001	...	...	...
4063	G186	Sagittarii ... $\eta$	3.0	77.48	5	18 9 10.12	+ 4.0714	- 0.0005	- 0.0138	...	- 0.15
4064	6206	40 Draconis ...	5.8	80.24	5	18 9 23.47	- 4.4898	- 0.0236	+ 0.0219	+ 0.33	...
4065	6208	41 Draconis ...	6.2	80.65	5	18 9 30.01	- 4.4022	- 0.0229	+ 0.0195	+ 0.59	...
4066	...	C.P.D. — 42°. 8359 ...	6.7	69.55	5	18 9 44.12	+ 4.2891	- 0.0010	...	...	- 0.07
4067	...	C.P.D. — 36°. 8135 ...	9.0	82.77	5	18 9 48.77	+ 4.0568	- 0.0006	...	...	...
4068	6194	Sagittarii ... $g$	4.7	79.04	5	18 10 13.65	+ 3.7552	+ 0.0001	...	- 0.04	- 0.17
4069	6198	Pavonis ... $\xi$	4.2	81.59	5	18 11 42.39	+ 5.5362	- 0.0072	- 0.0054	...	+ 0.01
4070	...	C.P.D. — 37°. 8068 ...	6.9	79.06	5	18 12 23.04	+ 4.0980	- 0.0013	...	...	- 0.04
4071	G281	23 Ursæ Minoris ... $\delta$	4.3	74.71	131	18 12 39.61	- 19.4480	- 0.3606	+ 0.0246	+ 0.58	...
4072	...	C.P.D. — 46°. 9266 ...	9.0	83.41	5	18 12 49.97	+ 4.4587	- 0.0028	...	...	...
4073	G200	19 Sagittarii ... $\delta$	2.8	79.55	10	18 12 50.43	+ 3.8390	- 0.0006	+ 0.0011	- 0.07	- 0.02
4074	G218	Groombridge 2538 ...	6.1	79.44	5	18 13 8.49	+ 1.9161	+ 0.0020	...	- 0.24	...
4075	G224	36 Draconis ...	5.0	80.31	5	18 13 10.65	+ 0.2920	- 0.0006	+ 0.0529	+ 0.15	...
4076	...	C.P.D. — 37°. 8078 ...	8.8	72.23	6	18 13 39.86	+ 4.1080	- 0.0015	...	...	+ 0.03
4077	G215	C.P.D. — 38°. 7475 ...	5.1	83.67	5	18 13 41.42	+ 4.1418	- 0.0018	...	...	- 0.14
4078	G223	105 Herculis ...	5.5	79.04	5	18 14 2.01	+ 2.4670	+ 0.0019	+ 0.0005	...	...
4079	G221	Brisbane 6382 ...	5.6	84.57	5	18 14 24.75	+ 4.0677	- 0.0017	...	...	- 0.17
4080	...	C.P.D. — 38°. 7481 ...	8.0	83.68	4	18 14 49.17	+ 4.1447	- 0.0021	...	...	...
4081	G229	58 Serpentis ... $\eta$	3.4	82.21	52	18 14 50.53	+ 3.1404	+ 0.0010	- 0.0393	+ 0.01	+ 0.05
4082	...	Brisbane 6384 ...	8.0	83.24	5	18 15 5.65	+ 4.5988	- 0.0042	...	...	- 0.15
4083	G228	Brisbane 6386 ...	5.4	67.41	5	18 15 12.55	+ 4.3681	- 0.0028	...	...	+ 0.02
4084	G235	1 Lyræ ... $\kappa$	4.4	79.25	5	18 15 28.73	+ 2.1033	+ 0.0020	- 0.0021	- 0.12	...
4085	...	Lalande 33818 ...	8.3	67.59	5	18 15 38.37	+ 3.3538	- 0.0004	...	...	...
4086	G233	20 Sagittarii ... $\epsilon$	2.1	78.24	6	18 15 52.32	+ 3.9868	- 0.0016	- 0.0048	- 0.17	- 0.19
4087	...	C.P.D. — 37°. 8101 ...	8.0	82.78	5	18 16 0.28	+ 4.0878	- 0.0020	...	...	...
4088	...	Lalande 33845 ...	6.0	65.99	5	18 16 12.55	+ 3.3575	+ 0.0004	...	...	+ 0.02
4089	G320	24 Ursæ Minoris ...	5.9	78.15	10-38	18 17 3.61	- 22.2515	- 0.0281	+ 0.0638	- 0.50	...
4090	...	C.P.D. — 34°. 7817 ...	6.8	82.59	5	18 17 38.27	+ 3.9717	- 0.0019	...	...	- 0.13
4091	G210	Telescopii ... $\alpha$	3.7	77.53	5	18 17 42.15	+ 4.4542	- 0.0043	- 0.0037	...	- 0.04
4092	G244	C.P.D. — 31°. 5547 ...	7.5	77.67	5	18 17 47.49	+ 3.8993	- 0.0017	...	...	+ 0.01
4093	G247	21 Sagittarii ...	4.9	69.14	5	18 17 54.29	+ 3.5735	- 0.0001	- 0.0019	- 0.06	- 0.01
4094	G255	Groombridge 2555 ...	5.1	79.44	5	18 18 20.66	+ 1.5359	+ 0.0016	...	- 0.16	...
4095	...	C.P.D. — 31°. 5552 ...	7.5	78.03	5	18 18 58.07	+ 3.8868	- 0.0019	...	...	- 0.09

4068.—Orange red

4077.—Yellow

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4061	131 16 24.9	- 0.746	- 0.619	...	...	...	...	...	...	...	...
4062	132 21 33.2	.770	.571	...	...	...	...	...	...	...	503
4063	126 47 50.0	.802	- 0.533	+ 0.161	...	+ 2.7	7643	8433	9962	...	24888
4064	10 1 4.2	.822	+ 0.654	- 0.13	- 0.8	...	...	8463	...	2318	...
4065	10 0 52.7	.831	+ 0.653	- 0.126	- 0.6	...	...	8466	...	2321	...
4066	132 19 52.9	.851	- 0.625	...	...	0.0	7644	...	9969	...	24904
4067	126 23 47.2	.858	.591	...	...	...	...	...	...	...	661
4068	117 5 6.8	- 0.895	.547	...	- 2.2	- 1.2	7650	8437	9973	...	24919
4069	151 32 50.3	- 1.024	.806	- 0.010	...	+ 0.5	7638	8440	9984	...	24958
4070	127 32 17.1	.083	- 0.597	...	...	+ 1.5	7662	...	9989	...	24976
4071	3 23 33.7	.107	+ 2.832	- 0.049	+ 1.2	...	...	8554	...	2395	...
4072	136 5 12.5	.122	- 0.649	...	...	...	...	...	...	...	837
4073	119 52 45.4	.136	.550	+ 0.032	- 1.2	+ 2.5	7670	8440	9992	2394	24987
4074	40 6 40.5	.150	.279	...	- 1.3	...	...	...	...	...	...
4075	25 38 40.3	.152	.042	- 0.019	- 1.1	...	...	8169	...	2309	...
4076	127 43 49.4	.195	.598	...	...	+ 1.4	...	...	...	...	25001
4077	128 42 39.7	.198	.602	...	...	+ 1.8	7671	8452	9998	...	25003
4078	65 36 16.1	.227	.358	- 0.003	...	...	...	8404	...	2300	...
4079	126 43 32.2	.261	.591	...	...	+ 1.4	7677	8454	10003	...	25020
4080	128 47 41.2	.296	.602	...	...	...	...	...	...	...	953
4081	92 55 46.9	.298	.456	+ 0.686	+ 0.3	+ 1.0	...	8468	10008	2298	25031
4082	138 51 4.4	.320	.668	...	...	- 0.6	...	...	...	...	25038
4083	134 10 10.5	.329	.635	...	...	+ 1.3	7680	8461	10011	...	25040
4084	53 59 25.2	.353	.298	- 0.035	- 1.3	...	...	8475	...	2305	...
4085	101 55 7.8	.368	.487	...	...	...	...	...	...	...	...
4086	124 26 28.8	.388	.579	+ 0.138	- 0.7	+ 1.7	7689	8471	10015	2297	25060
4087	127 17 18.8	.399	.594	...	...	...	...	...	...	...	...
4088	102 4 24.6	.417	- 0.488	...	...	- 0.8	...	...	...	...	25069
4089	3 0 48.3	.481	+ 3.238	+ 0.019	- 0.4	...	...	...	...	2417	...
4090	124 0 44.5	.541	- 0.577	...	...	+ 3.9	7701	...	10028	...	25104
4091	136 2 4.6	.547	.647	+ 0.057	...	+ 0.7	7694	8480	10029	...	25105
4092	121 49 14.9	.555	.566	...	...	+ 2.1	7703	...	10030	...	25106
4093	110 36 23.8	.565	.519	+ 0.004	+ 0.1	+ 1.5	...	8483	...	2303	25108
4094	40 56 24.5	.604	.222	...	- 2.2	...	...	...	...	...	...
4095	121 26 32.3	- 1.658	- 0.564	...	...	+ 0.3	...	...	...	...	25131

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4096	6242	Brisbane 6395 ...	...	7.0	79.66	1 18 18 58.46	+ 7.1365	- 0.0283	...	...	+ 0.17
4097	6250	Telescopii ...	ζ	4.0	77.63	5 18 19 12.14	+ 4.6121	- 0.0057	+ 0.005	...	- 0.05
4098	6253	Pavonis ...	...	4.8	78.25	5 18 19 41.79	+ 5.6151	- 0.0133	...	...	- 0.06
4099	6260	C.P.D. - 29°. 5565 ...	...	6.0	84.57	5 18 19 49.93	+ 3.8378	- 0.0018	...	...	- 0.03
4100	6263	23 Sagittarii ...	λ	3.1	81.70	64 18 20 15.38	+ 3.7071	- 0.0013	- 0.0053	+ 0.02	0.00
4101	...	Lalande 34128 ...	...	6.0	81.88	5 18 21 52.51	+ 2.9297	+ 0.0011	...	+ 0.03	...
4102	6270	Scuti ...	γ	4.7	71.01	7 18 22 4.41	+ 3.4210	- 0.0003	+ 0.0028	...	+ 0.07
4103	6289	39 Draconis ...	δ	4.8	79.04	5 18 22 5.04	+ 0.8810	- 0.0004	- 0.0046	- 0.08	...
4104	...	C.P.D. - 39°. 8107 ...	...	8.5	83.40	5 18 22 12.06	+ 4.1750	- 0.0040	...	...	- 0.14
4105	6278	Telescopii ...	δ	5.1	77.69	5 18 22 29.81	+ 4.4498	- 0.0057	0.000	...	- 0.03
4106	6297	43 Draconis ...	φ	4.2	79.67	5 18 22 32.13	- 0.8519	- 0.0111	- 0.0027	- 0.24	...
4107	6284	Lalande 34134 ...	...	6.5	72.97	5 18 22 38.99	+ 3.4203	- 0.0005	- 0.004	...	- 0.11
4108	6282	Telescopii ...	δ	5.3	71.96	10 18 22 47.16	+ 4.4421	- 0.0057	- 0.003	...	- 0.07
4109	...	C.P.D. - 37°. 8170 ...	...	8.2	83.45	5 18 22 52.03	+ 4.0994	- 0.0037	...	...	- 0.14
4110	6285	Sagittarii ...	ν	5.5	78.66	5 18 22 52.60	+ 3.9384	- 0.0028	0.000	...	- 0.02
4111	6302	44 Draconis ...	χ	3.7	80.39	5 18 23 18.69	- 1.1923	- 0.0148	+ 0.1153	...	...
4112	...	C.P.D. - 45°. 9338 ...	...	9.0	68.02	5 18 23 40.04	+ 4.4140	- 0.0059	...	...	...
4113	...	O.A.S. 18326 ...	...	8.4	72.19	5 18 24 2.22	+ 3.5364	- 0.0010	...	...	...
4114	6293	Sagittarii ...	Var.	7.3	72.13	10 18 24 4.32	+ 3.5132	- 0.0010	...	...	+ 0.06
4115	6294	Piazzi XVIII. 92 ...	...	5.2	71.98	5 18 24 6.76	+ 3.5167	- 0.0010	...	- 0.07	- 0.10
4116	6291	Brisbane 6424 ...	...	5.7	84.57	4 18 24 27.86	+ 4.8350	- 0.0063	...	...	- 0.14
4117	6299	Sagittarii ...	U	Var.	73.00	10 18 24 31.52	+ 3.5353	- 0.0011	...	...	+ 0.01
4118	6296	Corona Australis ...	θ	4.4	69.39	5 18 24 34.41	+ 4.2861	- 0.0049	- 0.0003	...	- 0.20
4119	...	O.A.S. 18346 ...	...	8.5	70.99	5 18 24 51.44	+ 3.5353	- 0.0011	...	...	...
4120	...	C.P.D. - 36°. 8843 ...	...	8.0	82.60	4 18 25 11.24	+ 4.0098	- 0.0040	...	...	...
4121	6305	Sagittarii ...	ν	5.4	79.35	4 18 25 45.61	+ 3.9384	- 0.0034	...	...	- 0.10
4122	...	C.P.D. - 47°. 8961 ...	...	6.9	82.69	5 18 28 3.56	+ 4.5039	- 0.0079	...	...	- 0.04
4123	...	Brisbane 6437 ...	...	7.5	70.16	5 18 28 16.21	+ 5.2999	- 0.0153	...	...	+ 0.01
4124	6325	Scuti ...	α	4.0	78.67	5 18 28 24.22	+ 3.2668	- 0.0004	- 0.0029	- 0.03	- 0.05
4125	6315	Pavonis ...	ζ	4.0	77.61	5 18 28 25.17	+ 7.0445	- 0.0415	- 0.0077	...	- 0.14
4126	...	C.P.D. - 41°. 8781 ...	...	7.8	83.40	5 18 28 52.75	+ 4.2546	- 0.0061	...	...	- 0.32
4127	...	C.P.D. - 45°. 9891 ...	...	7.2	68.63	5 18 29 5.96	+ 4.4250	- 0.0073	...	...	+ 0.10
4128	...	Anonymous ...	...	7.4	72.86	3 18 30 6.53	+ 4.4894	- 0.0084	...	...	...
4129	6328	Brisbane 6446 ...	...	6.9	84.61	5 18 30 9.50	+ 5.8827	- 0.0240	...	...	+ 0.04
4130	...	C.P.D. - 45°. 9896 ...	...	9.8	73.67	5 18 30 11.28	+ 4.4069	- 0.0078	...	...	...





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4131	...	C.P.D. — 37°. 8251 ...	9.0	83.60	6	18 30 12.76	+ 4.0748	— 0.0051	...	...	...
4132	...	C.P.D. — 45°. 9368 ...	8.5	71.16	5	18 30 14.84	+ 4.4370	— 0.0080	...	...	...
4133	...	C.P.D. — 37°. 8254 ...	8.0	83.58	5	18 30 22.41	+ 4.1067	— 0.0053	...	...	...
4134	...	C.P.D. — 37°. 8263 ...	7.5	83.44	5	18 30 52.20	+ 4.0819	— 0.0053	...	...	...
4135	6350	Groombridge 2612 (2nd)	5.4	79.04	5	18 31 6.49	+ 1.3610	+ 0.0003	...	— 0.13	...
4136	...	C.P.D. — 44°. 9267 ...	8.0	83.03	6	18 31 37.38	+ 4.3637	— 0.0079	...	...	+ 0.08
4137	6355	3 Lyræ (Vejo) ... a	0.2	72.96	123	18 32 42.32	+ 2.0132	+ 0.0016	+ 0.0164	— 0.03	...
4138	6352	Brisbane 6458 ...	4.8	77.65	5	18 33 10.36	+ 5.9076	— 0.0275	0.000	...	— 0.02
4139	...	C.P.D. — 35°. 8154 ...	8.0	83.41	5	18 33 30.11	+ 4.0229	— 0.0064	...	...	...
4140	...	C.P.D. — 34°. 8014 ...	8.0	83.69	5	18 33 44.82	+ 3.9888	— 0.0052	...	...	— 0.01
4141	...	C.Z. XVIII. 1967 ...	6.5	84.64	5	18 33 47.85	+ 5.4791	— 0.0216	...	...	— 0.37
4142	...	C.P.D. — 39°. 8155 ...	7.0	82.58	4	18 34 13.83	+ 4.1582	— 0.0067	...	...	— 0.05
4143	6359	Coronæ Australis λ	5.2	77.63	5	18 35 12.35	+ 4.1209	— 0.0067	— 0.0029	...	— 0.12
4144	6361	Scuti ... δ	4.8	78.67	5	18 35 25.66	+ 3.2854	— 0.0010	— 0.0004	— 0.09	— 0.10
4145	...	C.P.D. — 23°. 6654 ...	9.0	70.94	5	18 35 26.03	+ 3.7915	— 0.0040	...	...	...
4146	...	C.P.D. — 46°. 9448 ...	9.0	70.39	5	18 35 27.94	+ 4.4769	— 0.0088	...	...	...
4147	...	C.P.D. — 36°. 8455 ...	6.8	82.64	5	18 35 40.49	+ 4.0616	— 0.0062	...	...	— 0.13
4148	...	C.P.D. — 47°. 9029 ...	9.5	71.59	5	18 35 49.16	+ 4.5016	— 0.0103	...	...	...
4149	...	C.P.D. — 37°. 8207 ...	8.5	83.61	5	18 36 12.59	+ 4.0674	— 0.0064	...	...	...
4150	6363	Piazzi XVIII. 147 ...	5.4	83.53	6	18 36 16.04	+ 4.1725	— 0.0073	...	...	— 0.15
4151	...	Piazzi XVIII. 148 ...	7.0	83.50	5	18 36 18.09	+ 4.1748	— 0.0073	...	...	— 0.10
4152	6360	Pavonis ... θ	5.9	77.86	5	18 36 20.04	+ 5.9298	— 0.0305	0.000	...	— 0.21
4153	...	C.P.D. — 46°. 9459 ...	8.0	68.01	5	18 36 24.96	+ 4.4744	— 0.0160	...	...	+ 0.18
4154	...	C.P.D. — 47°. 9038 ...	8.8	64.11	6	18 36 38.45	+ 4.4964	— 0.0103	...	...	...
4155	6367	Scuti ... ε	5.1	79.40	5	18 36 42.83	+ 3.2670	— 0.0010	— 0.0004	+ 0.07	+ 0.13
4156	6366	Brisbane 6474 ...	6.8	84.58	5	18 37 17.80	+ 4.6568	— 0.0127	...	...	— 0.48
4157	6371	27 Sagittarii ... φ	3.3	77.51	5	18 37 50.74	+ 3.7475	— 0.0042	+ 0.0014	— 0.07	— 0.07
4158	...	C.P.D. — 41°. 8771 ...	7.5	83.39	5	18 38 11.69	+ 4.2301	— 0.0084	...	...	...
4159	...	Brisbane 6478 ...	8.0	70.03	5	18 38 33.80	+ 5.2731	— 0.0210	...	...	+ 0.21
4160	...	C.P.D. — 38°. 7589 ...	9.0	83.42	5	18 38 41.10	+ 4.1375	— 0.0077	...	...	...
4161	6378	Coronæ Australis μ	5.1	82.66	5	18 39 0.34	+ 4.1981	— 0.0083	...	...	+ 0.09
4162	...	C.P.D. — 39°. 8184 ...	7.3	82.64	5	18 39 37.79	+ 4.1670	— 0.0081	...	...	— 0.06
4163	...	Aquilæ ... ζ	Var.	77.54	10	18 39 44.83	+ 2.8727	+ 0.0004	...	...	...
4164	6381	Coronæ Australis η	5.7	84.60	5	18 39 49.15	+ 4.3355	— 0.0098	— 0.0009	...	— 0.10
4165	6390	4 Lyræ (Ist) ... ε	5.0	79.69	5	18 40 11.68	+ 1.9855	+ 0.0014	— 0.0001	...	...

4139, 4152.—P. M. Stone

4141.—Red

4144.—2 Aquilæ

4155.—3 Aquilæ

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras-		Lacaille	Taylor	Capo 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4131	127 6 19.7	- 2.636	- 0.588	...	...	...	...	...	...	...	1787
4132	135 51 23.8	.639	.611	...	...	...	...	...	...	...	1791
4133	127 58 40.6	.650	.593	...	...	...	...	...	...	...	1800
4134	127 23 30.5	.693	.589	...	...	...	...	...	...	...	...
4135	37 44 41.4	.714	.196	...	- 1.0	...	...	...	...	...	...
4136	134 16 50.2	.759	.639	...	...	- 0.2	7798	...	10154	...	25459
4137	51 19 53.4	.852	.290	- 0.286	- 0.6	...	...	8584	10168	2341	...
4138	154 59 9.1	.892	.852	+ 0.18	...	+ 3.2	7785	8577	10170	...	25500
4139	125 42 29.8	.921	.580	...	...	...	...	...	...	...	...
4140	124 34 42.4	.943	.574	...	...	- 0.2	...	...	...	...	25513
4141	151 12 51.0	.947	.790	...	...	+ 1.6	7797	...	10173	...	25516
4142	129 24 9.1	- 2.984	.599	...	...	+ 3.3	7823	...	10175	...	25525
4143	128 26 29.4	- 3.069	.593	+ 0.053	...	+ 2.5	7827	8591	10180	...	25548
4144	99 10 10.8	.087	.473	- 0.005	- 2.0	- 0.7	...	8596	10181	2342	25551
4145	118 34 4.3	.088	.546	...	...	...	...	...	...	...	...
4146	136 44 23.2	.090	.644	...	...	...	...	...	...	...	2043
4147	126 50 15.9	.110	.584	...	...	+ 1.9	7838	...	10182	...	25560
4148	137 15 43.3	.121	.618	...	...	...	...	...	...	...	...
4149	127 0 34.2	.156	.585	...	...	...	...	...	10187	...	2036
4150	129 48 32.7	.160	.600	...	...	+ 1.6	7829	8599	10189	...	25572
4151	129 52 3.3	.163	.600	...	...	+ 4.2	7831	8600	10190	...	25573
4152	155 12 11.2	.166	.853	+ 0.05	...	- 0.8	7813	8500	10191	...	25574
4153	136 43 32.8	.173	.644	...	...	+ 1.2	...	...	...	...	25576
4154	137 10 23.2	.193	.647	...	...	...	...	...	...	...	2110
4155	98 23 45.2	.199	.489	- 0.017	- 3.7	- 2.4	...	8604	...	2343	25588
4156	140 13 14.6	.219	.670	...	...	+ 1.0	7833	8603	10200	...	25604
4157	117 7 1.2	.296	.538	+ 0.019	- 0.6	0.0	7844	8610	10204	2344	25614
4158	131 17 29.0	.327	.607	...	...	...	...	...	...	...	...
4159	140 4 53.5	.359	.758	...	...	+ 3.5	7832	...	10210	...	25637
4160	128 67 1.9	.369	.591	...	...	...	...	...	...	...	2215
4161	130 32 13.0	.396	.602	...	...	+ 1.8	7846	8615	10213	...	25647
4162	129 44 9.1	.451	.593	...	...	+ 2.0	7854	...	10216	...	25659
4163	81 23 15.7	.461	.414	...	...	...	...	...	...	...	...
4164	133 48 47.7	.467	.622	+ 0.004	...	+ 0.7	7852	8622	10219	...	25686
4165	50 27 33.0	- 3.199	- 0.283	- 0.030	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880.	C.G.A.	
4166	G300	4 Lyrae (2nd) ...	$\epsilon^1$	6.0	80.50	5	18 40 11.91	+ 1.9855	+ 0.0014	- 0.0001	...	...
4167	G395	46 Draconis ..	$\epsilon$	5.2	80.02	5	18 40 12.75	+ 1.1630	- 0.0013	- 0.0044	- 0.02	...
4168	G301	5 Lyrae (1st) ...	$\epsilon^2$	5.3	79.41	4	18 40 13.85	+ 1.9877	+ 0.0014	+ 0.0001	- 0.24	...
4169		5 Lyrae (2nd) ...	$\epsilon^2$	5.5	80.15	5	18 40 14.32	+ 1.9878	+ 0.0014	+ 0.0001	- 0.64	...
4170	G387	110 Hercules ...	...	4.2	78.84	5	18 40 16.89	+ 2.5819	+ 0.0012	- 0.0024	...	...
4171	G392	6 Lyrae ...	$\zeta^1$	4.3	80.66	5	18 40 28.00	+ 2.0032	+ 0.0015	+ 0.0014	...	...
4172	G394	7 Lyrae ...	$\zeta^2$	5.9	80.48	5	18 40 29.83	+ 2.0636	+ 0.0015	+ 0.0010	...	...
4173	G388	Scuti ...	$\beta$	4.4	79.25	5	18 40 32.64	+ 3.1846	- 0.0009	- 0.0024	+ 0.20	+ 0.16
4174	G383	Pavonis ...	$\lambda$	4.4	77.70	5	18 40 37.96	+ 5.5818	- 0.0280	- 0.0069	...	+ 0.22
4175	...	Scuti ...	$R$	Var.	67.53	10	18 40 48.55	+ 3.2068	- 0.0011	...	+ 0.08	+ 0.08
4176	...	C.P.D. - 37°. 8353 ...	$\kappa$	8.2	72.22	5	18 41 0.86	+ 4.0798	- 0.0075	...	...	- 0.11
4177	...	Brisbane 6501 ...	...	8.0	83.01	6	18 42 14.54	+ 4.3690	- 0.0110	...	...	- 0.17
4178	...	Yarnall 7074 ...	...	8.0	82.65	4	18 42 37.15	+ 4.0763	- 0.0078	...	...	+ 0.04
4179	G398	Telescopii ...	$\kappa$	5.2	77.88	5	18 42 44.39	+ 4.7688	- 0.0162	...	...	0.00
4180	...	C.P.D. - 44°. 9353 ...	$\kappa$	8.2	83.66	5	18 42 56.09	+ 4.3779	- 0.0113	...	...	- 0.08
4181	...	Brisbane 6507 ...	...	7.0	83.72	4	18 43 3.63	+ 4.3710	- 0.0113	...	...	- 0.14
4182	...	C.P.D. - 46°. 9512 ...	...	5.4	64.84	5	18 43 0.40	+ 4.4679	- 0.0122	...	...	- 0.16
4183	...	C.P.D. - 35°. 8236 ...	...	7.9	84.07	5	18 43 16.75	+ 4.0098	- 0.0073	...	...	...
4184	...	C.P.D. - 46°. 9517 ...	...	6.9	61.85	5	18 43 42.52	+ 4.4670	- 0.0124	...	...	- 0.16
4185	G419	Groombridge 2671 ...	...	5.8	80.32	5	18 43 55.41	+ 1.3399	- 0.0008	...	- 0.06	...
4186	G405	Pavonis ...	$\kappa$	Var.	79.43	10	18 44 2.87	+ 6.2227	- 0.0137	- 0.010	...	+ 0.12
4187	...	C.P.D. - 39°. 8206 ...	$\rho$	9.1	83.42	4	18 44 50.96	+ 4.1525	- 0.0093	...	...	...
4188	...	O.A.S. 18773 ...	...	8.2	73.81	5	18 45 0.73	+ 3.7780	- 0.0055	...	...	- 0.02
4189	G429	10 Lyrae ...	$\beta^1$	Var.	72.70	141	18 45 27.87	+ 2.2139	+ 0.0015	- 0.0006	- 0.02	...
4190	...	C.P.D. - 40°. 8680 ...	$\rho$	8.2	82.67	5	18 45 55.76	+ 4.2004	- 0.0100	...	...	+ 0.03
4191	...	Melbourne 1823 ...	...	8.2	83.67	5	18 46 31.93	+ 4.3304	- 0.0117	...	...	- 0.11
4192	...	C.P.D. - 35°. 8280 ...	...	8.5	80.07	5	18 46 34.11	+ 4.0195	- 0.0081	...	...	...
4193	...	C.P.D. - 36°. 8572 ...	...	8.5	73.60	5	18 46 35.36	+ 4.0472	- 0.0084	...	...	+ 0.13
4194	G434	32 Sagittarii ...	$\nu^1$	5.0	71.15	5	18 46 37.37	+ 3.6253	- 0.0043	- 0.0028	...	+ 0.10
4195	G436	Pavonis ...	$\omega$	5.1	79.62	5	18 47 29.44	+ 5.3717	- 0.0287	...	...	- 0.14
4196	G410	34 Sagittarii ...	$\sigma$	2.3	79.55	10	18 47 30.77	+ 3.7230	- 0.0054	- 0.0016	- 0.06	- 0.02
4197	G441	35 Sagittarii ...	$\nu^2$	5.2	79.44	5	18 47 33.55	+ 3.6228	- 0.0045	+ 0.0050	...	- 0.09
4198	...	Brisbane 6525 ...	...	8.0	66.68	5	18 47 43.71	+ 4.5117	- 0.0142	...	...	+ 0.08
4199	...	C.P.D. - 26°. 6391 ...	$\rho$	9.1	74.68	5	18 48 4.54	+ 3.7126	- 0.0154	...	...	...
4200	G144	Brisbane 6532 ...	...	5.5	83.61	5	18 48 11.60	+ 4.0755	- 0.0090	...	...	- 0.29

4173.—6 Aquila

4182.—Orange red

No.	Mean Polar Distance 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4166	50 27 32.4	- 3.490	- 0.283	- 0.000	...	...	...	8034	...	2355	...
4167	34 35 10.2	.501	.165	- 0.018	- 1.5	...	...	8040	...	2360	...
4168	50 31 0.8	.503	.283	- 0.005	- 0.2	...	...	...	...	...	...
4169	50 31 0.9	.503	.283	- 0.005	- 2.2	...	...	8035	...	2356	...
4170	69 34 17.4	.507	.369	+ 0.332	...	...	...	8032	...	2351	...
4171	52 31 20.3	.523	.205	- 0.022	...	...	...	8037	...	2357	...
4172	52 32 5.0	.525	.205	- 0.027	...	...	...	8038	...	2358	...
4173	94 52 40.3	.529	.455	+ 0.017	- 1.8	+ 0.3	...	8030	...	2360	25680
4174	152 19 40.1	.537	.800	+ 0.055	...	+ 2.2	7841	8021	10227	...	25692
4175	95 50 15.4	.551	.458	...	+ 0.8	+ 1.7	...	...	...	...	25694
4176	127 26 50.7	.583	.584	...	...	+ 1.5	...	...	...	...	25702
4177	134 36 50.3	.676	.625	...	...	+ 2.3	...	...	10239	...	25734
4178	127 23 23.4	.708	.582	...	...	+ 3.0	...	...	...	...	25744
4179	142 14 51.1	.718	.680	...	...	- 1.7	7867	8041	10244	...	25748
4180	134 40 43.9	.735	.625	...	...	0.0	...	...	...	...	25752
4181	134 40 45.7	.746	.624	...	...	+ 0.8	7874	8047	10249	...	25755
4182	136 44 21.3	.754	.639	...	...	- 0.1	7872	...	10260	...	25758
4183	125 31 32.6	.765	.573	...	...	...	...	...	...	...	...
4184	136 43 57.6	.801	.638	...	...	+ 1.4	7878	...	10266	...	25779
4185	37 8 54.8	.820	.190	...	- 0.9	...	...	...	...	...	...
4186	157 23 10.2	.830	.889	- 0.013	...	+ 0.2	7866	...	10258	...	25786
4187	129 28 45.9	.899	.591	...	...	...	...	...	...	...	...
4188	118 17 34.4	.922	.538	...	...	+ 1.5	...	...	...	...	25820
4189	56 46 52.8	.952	.315	- 0.005	+ 0.2	...	...	8072	10270	2369	...
4190	130 43 54.8	- 3.002	.598	...	...	- 0.2	...	...	...	...	25842
4191	133 51 10.5	- 4.044	.617	...	...	+ 0.3	...	...	...	...	25850
4192	125 53 0.5	.047	.572	...	...	...	...	...	...	...	25773
4193	126 40 12.1	.048	.576	...	...	+ 1.1	...	...	...	...	25852
4194	112 53 40.3	.052	.516	+ 0.019	...	- 0.4	7812	8076	10278	2364	25853
4195	150 21 41.0	.126	.765	...	...	+ 1.1	7805	8070	10288	...	25872
4196	116 26 59.8	.127	.529	+ 0.061	+ 0.5	+ 1.3	7918	8079	10284	2365	25874
4197	112 40 28.4	.132	.515	+ 0.010	...	- 1.5	7920	8080	10287	2366	25876
4198	137 44 10.7	.146	.643	...	...	+ 1.3	...	...	...	...	25878
4199	116 5 28.8	.176	.528	...	...	...	...	...	...	...	...
4200	127 30 0.1	- 4.187	- 0.579	...	...	- 1.0	7916	8085	10290	...	25886

No.	B.A.C.	Star's Name	Mag.	Mean Data 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Muras—	
										Grn. 1880	C.G.A.
4201	...	C.P.D. — 39° . 8224 ...	7.2	70.63	5	h m s 18 48 28.53	s + 4.1335	s — 0.0098	s ...	s ...	s + 0.13
4202	6452	Groombridge 2099 ...	5.6	80.25	5	18 48 44.74	+ 1.3196	— 0.0011	...	...	...
4203	6460	B.F. 2577 ...	5.4	80.70	5	18 48 53.40	— 1.4667	— 0.0418	...	+ 0.09	...
4204	6463	47 Draconis ...	o	4.6	5	18 49 21.37	+ 0.8781	— 0.0045	+ 0.0102	...	...
4205	6456	11 Lyræ ...	δ <sup>1</sup>	5.3	5	18 49 21.56	+ 2.0945	+ 0.0013	— 0.0021	— 0.06	...
4206	6458	113 Hercules ...	...	4.6	5	18 49 28.21	+ 2.5316	+ 0.0011	— 0.0014	— 0.04	...
4207	6460	63 Serpentis (1st) ...	θ	4.7	5	18 50 0.20	+ 2.9799	— 0.0005	+ 0.0014	— 0.08	...
4208	6462	63 Serpentis (2nd) ...	θ	5.1	5	18 50 1.76	+ 2.9799	— 0.0005	+ 0.0010	...	...
4209	6466	12 Lyræ ...	δ <sup>2</sup>	4.5	5	18 50 7.90	+ 2.0980	+ 0.0013	— 0.0018	— 0.10	...
4210	...	C.P.D. — 34° . 8193 ...	7.2	82.60	5	18 50 12.85	+ 3.9650	— 0.0083	...	...	— 0.04
4211	6461	37 Sagittarii ...	ξ <sup>2</sup>	3.5	6	18 50 16.37	+ 3.5804	— 0.0043	+ 0.0006	+ 0.05	+ 0.07
4212	6458	Coronæ Australis ...	ε	4.9	6	18 50 17.44	+ 4.0651	— 0.0094	— 0.0154	...	+ 0.14
4213	6464	9 Scuti ...	γ	5.1	5	18 50 22.10	+ 3.2095	— 0.0017	+ 0.0026	+ 0.04	— 0.01
4214	6478	50 Draconis ...	...	5.6	5	18 50 23.85	— 1.8961	— 0.0542	— 0.0003	— 0.12	...
4215	6475	13 Lyræ ...	ℓ	Var.	10	18 51 31.81	+ 1.8233	+ 0.0008	+ 0.0012	— 0.06	...
4216	...	C.P.D. — 42° . 8556 ...	9.5	84.38	5	18 51 40.58	+ 4.2856	— 0.0126	...	...	...
4217	...	C.P.D. — 37° . 8443 ...	7.0	83.70	5	18 52 36.18	+ 4.0615	— 0.0098	...	...	— 0.12
4218	...	C.Z. XVIII. 2845 ...	7.0	83.72	5	18 52 37.32	+ 4.0615	— 0.0098	...	...	— 0.13
4219	...	C.Z. XVIII. 2856 ...	8.0	69.20	5	18 53 2.82	+ 5.3186	— 0.0307	...	...	— 0.08
4220	...	C.P.D. — 42° . 8564 ...	6.9	82.63	5	18 53 18.16	+ 4.2470	— 0.0125	...	...	— 0.06
4221	...	C.P.D. — 38° . 7672 ...	9.0	84.21	5	18 53 22.11	+ 4.0931	— 0.0104	...	...	...
4222	6487	13 Aquilæ ...	ε	4.1	53	18 53 56.99	+ 2.7263	+ 0.0004	— 0.0054	— 0.04	...
4223	6491	14 Lyræ ...	γ	3.3	10	18 54 16.11	+ 2.2437	+ 0.0014	— 0.0012	+ 0.03	...
4224	...	O.A.S. 18960 ...	...	8.2	5	18 54 21.00	+ 3.8566	— 0.0077	...	...	— 0.08
4225	6496	48 Draconis ...	...	5.6	5	18 54 37.91	+ 1.0212	— 0.0039	— 0.0054	— 0.25	...
4226	6489	38 Sagittarii ...	ζ	2.9	10	18 54 39.46	+ 3.8239	— 0.0075	— 0.0039	+ 0.06	0.00
4227	...	C.P.D. — 38° . 7685 ...	5.8	83.91	5	18 54 45.51	+ 4.1029	— 0.0109	...	...	— 0.19
4228	...	C.P.D. — 32° . 5718 ...	8.5	65.84	5	18 54 53.68	+ 3.9133	— 0.0085	...	...	— 0.03
4229	6492	12 Aquilæ ...	ι	4.0	5	18 55 0.40	+ 3.2067	— 0.0020	— 0.0048	...	+ 0.09
4230	...	C.P.D. — 38° . 7691 ...	9.0	82.70	5	18 55 27.32	+ 4.0953	— 0.0109	...	...	...
4231	...	R.P.L. 131 ...	...	6.5	50-48	18 55 30.37	— 18.4472	— 1.5374	...	...	...
4232	6510	52 Draconis ...	υ	4.8	5	18 55 55.60	— 0.7234	— 0.0304	+ 0.0103	...	...
4233	8494	Brisbane 6563 ...	...	5.2	5	18 56 36.79	+ 6.3824	— 0.0614	...	...	+ 0.02
4234	6507	39 Sagittarii ...	o	3.9	10	18 57 11.40	+ 3.5988	— 0.0053	+ 0.0029	— 0.03	+ 0.06
4235	...	O.A.S. 19032 ...	...	8.7	5	18 57 48.08	+ 3.5761	— 0.0053	...	...	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4201	129 4 22.5	- 4.210	- 0.588	...	...	+ 0.4	7919	...	10295	...	25898
4202	37 11 5.4	.236	- 0.190	...	...	...	...	...	...	...	...
4203	16 3 33.3	.215	+ 0.211	...	- 2.2	...	...	...	...	...	...
4204	30 45 50.1	.284	- 0.123	- 0.018	...	...	...	8710	...	2386	...
4205	53 10 59.2	.286	.296	- 0.004	- 2.1	...	...	8699	...	2380	...
4206	67 30 44.2	.296	.359	- 0.014	+ 1.6	...	...	8697	...	2378	...
4207	85 57 28.2	.341	.422	- 0.037	+ 0.6	...	...	8701	10303	2376	...
4208	85 57 31.0	.313	.422	- 0.057	...	...	...	8702	10304	2377	...
4209	53 15 42.9	.352	.297	- 0.020	- 0.2	...	...	8708	...	2383	...
4210	124 22 42.9	.359	.562	...	...	+ 2.1	7934	...	10307	...	25924
4211	111 16 8.1	.363	.508	+ 0.015	+ 0.6	+ 0.5	...	8698	10308	2373	25927
4212	127 16 6.5	.365	.577	+ 0.102	...	+ 2.5	7931	8695	10309	...	25928
4213	96 0 23.2	.372	- 0.455	+ 0.028	- 0.4	+ 1.7	...	8705	...	2375	25931
4214	14 42 50.7	.374	+ 0.272	- 0.066	- 0.9	...	...	8726	...	2404	...
4215	46 13 4.1	.471	- 0.257	- 0.079	+ 1.0	...	...	8716	...	2389	...
4216	132 57 34.8	.484	.607	...	...	...	...	...	...	...	2603
4217	127 13 53.7	.563	.575	...	...	+ 2.3	7947	8715	10326	...	25978
4218	127 13 50.6	.564	.575	...	...	+ 3.8	...	...	10327	...	25981
4219	149 55 0.8	.600	.754	...	...	+ 1.5	...	...	...	...	25989
4220	132 5 1.4	.622	.601	...	...	+ 0.7	7950	...	10334	...	26000
4221	128 7 34.0	.628	.579	...	...	...	...	...	...	...	2600
4222	75 6 0.5	.677	.385	+ 0.067	+ 0.6	...	...	8732	10337	2390	...
4223	57 28 49.8	.704	.316	- 0.008	- 0.8	...	...	8735	...	2392	...
4224	121 6 47.0	.711	.545	...	...	- 0.4	...	...	...	...	26033
4225	32 21 1.9	.736	.143	+ 0.063	- 0.8	...	...	8744	...	2400	...
4226	120 3 25.2	.737	.510	- 0.098	+ 0.3	+ 2.3	7966	8730	10349	2384	26041
4227	128 25 51.8	.716	.579	...	...	+ 0.8	7962	...	10351	...	26044
4228	122 55 19.1	.757	.553	...	...	- 2.5	...	...	...	...	26046
4229	95 54 46.0	.767	.452	+ 0.018	...	- 1.1	...	8737	...	2391	26048
4230	128 14 44.1	.805	- 0.578	...	...	...	...	...	10354	...	2605
4231	3 27 5.1	.809	+ 2.614	...	...	...	...	...	...	...	...
4232	18 52 9.0	.845	+ 0.105	- 0.033	...	...	...	8764	...	2411	...
4233	158 36 47.9	.904	- 0.900	...	...	+ 2.8	7944	...	10362	...	26091
4234	111 55 20.2	- 4.953	.506	+ 0.057	- 0.9	0.0	...	8754	10365	2393	26102
4235	111 16 1.1	- 5.000	- 0.503	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
4271	...	C.P.D. - 45°. 9667 ...	7.2	83.71	4	19 8 17.33	+ 4.3790	- 0.0190	...	...	- 0.01	
4272	...	Yarnall 8202 ...	7.0	67.43	6	19 8 37.54	+ 3.8738	- 0.0104	...	...	- 0.03	
4273	...	Sagittarii ...	Var.	64.11	8	19 9 1.42	+ 3.4673	- 0.0054	...	...	...	
4274	...	C.P.D. - 39°. 8398 ...	9.5	68.61	5	19 9 3.89	+ 4.1359	- 0.0146	...	...	...	
4275	6583	53 Draconis ...	5.2	78.69	5	19 9 18.59	+ 1.1332	- 0.0045	+ 0.0041	...	...	
4276	...	Sagittarii ...	Il	Var.	70.58	10	19 9 21.60	+ 3.5249	- 0.0060	...	...	+ 0.14
4277	6581	20 Lyrae ( <i>1st</i> ) ...	$\eta$	4.5	79.45	5	19 9 29.93	+ 2.0114	+ 0.0010	- 0.0015	...	...
4278	...	C.P.D. - 40°. 8891 ...	9.5	84.10	4	19 9 40.12	+ 4.1729	- 0.0155	...	...	...	
4279	...	C.P.D. - 19°. 7374 ...	9.4	71.87	5	19 9 45.23	+ 3.5247	- 0.0061	...	...	...	
4280	...	C.P.D. - 46°. 9687 ...	8.2	82.66	4	19 9 59.30	+ 4.4041	- 0.0200	...	...	- 0.02	
4281	...	C.P.D. - 36°. 8394 ...	8.0	71.99	6	19 10 7.39	+ 4.1332	- 0.0149	...	...	...	
4282	6584	43 Sagittarii ...	<i>d</i>	4.9	67.53	3	19 10 19.26	+ 3.5154	- 0.0061	- 0.0024	+ 0.03	+ 0.05
4283	...	B.D. - 17°. 5564 ...	7.8	64.65	6	19 10 38.13	+ 3.4652	- 0.0055	...	...	...	
4284	6589	1 Valpoulu ...	4.7	79.28	5	19 10 50.55	+ 2.5789	+ 0.0007	- 0.0009	- 0.13	...	
4285	...	C.P.D. - 33°. 5579 ...	7.5	64.82	5	19 10 50.68	+ 3.9152	- 0.0115	...	...	- 0.14	
4286	...	Brisbane 6622 ...	8.5	70.85	5	19 10 59.62	+ 4.9741	- 0.0328	...	...	- 0.08	
4287	...	O.A.S. 19355 ...	8.8	74.73	5	19 11 0.28	+ 3.7014	- 0.0086	...	...	+ 0.20	
4288	...	O.A.S. 19366 ...	8.8	74.58	5	19 11 19.05	+ 3.7003	- 0.0085	...	...	+ 0.15	
4289	...	C.P.D. - 35°. 8528 ...	5.8	81.07	5	19 11 22.72	+ 3.9849	- 0.0127	...	...	- 0.26	
4290	6601	54 Draconis ...	5.3	79.25	5	19 11 41.21	+ 1.0762	- 0.0054	- 0.0016	- 0.01	...	
4291	...	Brisbane 6628 ...	7.5	83.56	5	19 11 55.49	+ 4.3708	- 0.0199	...	...	- 0.01	
4292	6595	25 Aquila ...	$\omega$	5.1	73.11	110	19 11 56.92	+ 2.8165	- 0.0003	- 0.0017	- 0.01	...
4293	6599	21 Lyrae ...	$\theta$	4.3	79.26	5	19 12 1.56	+ 2.0820	+ 0.0010	- 0.0009	- 0.22	...
4294	6588	Brisbane 6620 ( <i>1st</i> ) ...	8.0	80.74	5	19 12 3.42	+ 6.9170	- 0.1021	...	...	+ 0.10	
4295	...	Sagittarii ...	S	Var.	76.31	5	19 12 7.01	+ 3.5161	- 0.0064	...	...	
4296	6612	57 Draconis ...	$\delta$	3.2	79.58	10	19 12 31.44	+ 0.0136	- 0.0228	+ 0.0158	+ 0.23	...
4297	...	C.P.D. - 42°. 8760 ...	7.0	71.86	5	19 13 23.60	+ 4.2247	- 0.0174	...	...	...	
4298	6608	Sagittarii ...	$\beta^1$	4.1	79.60	10	19 13 38.78	+ 4.3271	- 0.0195	- 0.0003	...	- 0.15
4299	6609	C.P.D. - 29°. 5997 ...	7.0	83.91	5	19 13 44.15	+ 3.7897	- 0.0103	...	...	+ 0.07	
4300	...	C.P.D. - 37°. 8512 ...	8.5	83.68	5	19 13 46.46	+ 4.0437	- 0.0142	...	...	- 0.04	
4301	6610	Sagittarii ...	$\beta^2$	4.4	77.66	5	19 14 11.12	+ 4.3412	- 0.0198	+ 0.0004	...	+ 0.02
4302	6623	1 Cygni ...	$\kappa$	3.9	78.27	5	19 14 12.74	+ 1.3818	- 0.0026	+ 0.0065	- 0.04	...
4303	6619	44 Sagittarii ...	$\rho^1$	3.9	65.99	7	19 14 25.31	+ 3.4860	- 0.0061	- 0.0033	- 0.01	+ 0.07
4304	6620	45 Sagittarii ...	$\rho^2$	6.1	71.24	5	19 14 33.37	+ 3.4972	- 0.0062	+ 0.0055	+ 0.04	+ 0.03
4305	6621	46 Sagittarii ...	$\nu$	4.7	77.66	5	19 14 34.22	+ 3.4400	- 0.0057	- 0.0013	+ 0.20	+ 0.22

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Answers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4271	135 38 20.8	- 5.897	- 0.608	...	...	+ 3.0	8044	...	10451	...	26382
4272	122 6 7.1	.915	.538	...	...	+ 2.3	...	...	...	...	26391
4273	107 11 17.5	.949	.480	...	...	...	...	...	...	...	...
4274	129 47 57.9	.953	.574	...	...	...	...	...	...	...	...
4275	33 21 12.2	.973	.155	- 0.045	...	...	...	8851	...	2433	...
4276	109 31 31.8	.977	.488	...	...	+ 0.8	...	...	...	...	26402
4277	51 4 3.1	- 5.989	.281	- 0.010	...	...	...	8844	...	2427	...
4278	130 47 23.0	- 6.003	.574	...	...	...	...	...	...	...	...
4279	103 31 40.7	.910	.488	...	...	...	...	...	...	...	...
4280	136 14 50.8	.929	.609	...	...	+ 0.7	...	...	...	...	26410
4281	129 46 2.2	.940	.573	...	...	...	...	...	...	...	439
4282	109 10 23.9	.958	.486	+ 0.004	- 0.8	0.0	...	8843	10458	2423	26414
4283	107 8 33.5	.983	.479	...	...	...	...	...	...	...	...
4284	68 49 44.7	.101	.355	+ 0.001	+ 0.2	...	...	8855	...	2428	...
4285	123 29 50.7	.101	.542	...	...	+ 1.7	...	...	...	...	26425
4286	146 11 50.5	.113	.689	...	...	+ 1.3	...	...	...	...	26429
4287	116 17 51.1	.114	.511	...	...	- 0.5	...	...	...	...	26431
4288	116 15 50.5	.140	.511	...	...	+ 0.7	...	...	...	...	26443
4289	125 38 49.2	.146	.550	...	...	+ 2.6	8067(?)	...	10465	...	26444
4290	32 30 37.7	.171	.146	+ 0.073	+ 1.2	...	...	8876	...	2444	...
4291	135 36 1.6	.191	.603	...	...	- 1.3	8035	...	10467	...	26448
4292	78 37 41.7	.193	.388	- 0.021	- 1.0	...	...	8864	10466	2432	...
4293	52 5 15.4	.199	.286	- 0.006	- 0.4	...	...	8870	...	2438	...
4294	161 42 9.8	.202	.955	...	...	+ 6.3	8036	...	10474	...	26452
4295	109 14 58.4	.207	- 0.485	...	...	...	...	...	...	...	...
4296	22 33 28.5	.241	+ 0.001	- 0.077	- 1.6	...	...	8891	...	2440	...
4297	132 14 49.0	.312	- 0.582	...	...	...	8074	...	10483	...	553
4298	134 41 29.3	.334	.696	+ 0.02	...	+ 1.7	8075	8873	10486	...	26485
4299	119 50 9.9	.341	.523	...	...	- 1.7	8081	...	10487	...	26488
4300	127 27 10.2	.344	.557	...	...	+ 1.4	...	...	...	...	26489
4301	135 1 57.8	.379	.597	+ 0.09	...	+ 1.2	8079	8878	10491	...	26500
4302	36 51 39.0	.381	.188	- 0.115	- 2.6	...	...	8896	...	2447	...
4303	108 4 50.1	.388	.490	- 0.026	- 0.2	+ 0.2	...	8884	10493	2434	26508
4304	108 32 16.7	.409	.481	+ 0.065	- 1.1	- 0.2	...	8886	...	2436	26509
4805	106 11 16.2	- 6.411	- 0.472	+ 0.009	- 0.2	+ 0.8	...	8887	...	2487	26510



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
						h m s	s	"	"	"	"	
4306	6622	Sagittarii ...	$\alpha$	4.1	77.88	5	19 15 13.36	+ 4.1666	- 0.0168	+ 0.0016	...	+ 0.03
4307	...	C.P.D. - 36°. 8838 ...	...	8.0	82.69	5	19 15 43.66	+ 3.9970	- 0.0138	...	...	- 0.00
4308	...	C.P.D. - 44°. 9555 ...	...	7.0	82.63	5	19 15 59.12	+ 4.3116	- 0.0198	...	...	- 0.13
4309	...	C.P.D. - 40°. 8967 ...	...	8.5	83.09	5	19 16 33.75	+ 4.1355	- 0.0166	...	...	- 0.07
4310	...	C.P.D. - 39°. 8440 ...	...	9.0	64.68	6	19 17 19.88	+ 4.1256	- 0.0164	...	...	...
4311	...	Brisbane 6657 ...	...	7.0	82.67	5	19 17 31.24	+ 4.4163	- 0.0226	...	...	- 0.19
4312	6633	47 Sagittarii ...	$\chi^1$	5.1	78.70	5	19 17 40.12	+ 3.6535	- 0.0086	+ 0.0023	+ 0.11	+ 0.06
4313	...	Brisbane 6656 (2nd) ...	...	5.4	77.86	5	19 17 45.22	+ 4.4444	- 0.0330	- 0.0009	...	- 0.21
4314	6636	49 Sagittarii ...	$\chi^2$	5.9	84.25	5	19 17 55.61	+ 3.6388	- 0.0085	- 0.0034	- 0.05	- 0.02
4315	6650	60 Draconis ...	$\tau$	4.5	79.69	5	19 17 56.33	- 1.0821	- 0.0565	- 0.0324	- 0.32	...
4316	6644	31 Aquilæ ...	$b$	5.3	79.26	5	19 19 0.48	+ 2.8121	- 0.0004	+ 0.0187	- 0.08	...
4317	6646	30 Aquilæ ...	$\delta$	3.5	73.08	160	19 19 11.70	+ 3.0092	- 0.0018	+ 0.0153	- 0.01	...
4318	...	C.P.D. - 40°. 9001 ...	...	9.5	83.62	5	19 19 14.71	+ 4.1364	- 0.0167	...	...	...
4319	...	C.P.D. - 38°. 7822 ...	...	9.0	71.05	5	19 19 54.44	+ 4.0786	- 0.0161	...	...	...
4320	6662	53 Draconis ...	$\pi$	4.6	79.05	5	19 20 1.21	+ 0.3188	- 0.0188	- 0.0001	- 0.29	...
4321	6653	32 Aquilæ ...	$\nu$	4.8	79.07	5	19 20 7.63	+ 3.0702	- 0.0023	- 0.0009	+ 0.16	...
4322	6649	Telescopii ...	$\mu$	6.7	77.70	5	19 20 25.64	+ 4.8898	- 0.0356	...	...	- 0.07
4323	...	C.P.D. - 35°. 8582 ...	...	8.0	83.75	4	19 21 23.57	+ 3.9009	- 0.0144	...	...	- 0.14
4324	...	C.P.D. - 42°. 8810 ...	...	9.5	83.63	4	19 21 31.96	+ 4.2241	- 0.0195	...	...	...
4325	...	C.P.D. - 42°. 8843 ...	...	7.5	82.69	5	19 23 0.99	+ 4.2254	- 0.0200	...	...	+ 0.05
4326	6669	Brisbane 6672 ...	...	6.0	67.04	5	13 23 1.31	+ 4.7586	- 0.0327	...	...	+ 0.01
4327	6674	6 Vulpeculæ ...	$a$	4.7	77.66	5	19 23 30.38	+ 2.5052	+ 0.0008	- 0.0108	+ 0.14	...
4328	...	C.P.D. - 36°. 8861 ...	...	8.0	82.61	4	19 23 30.49	+ 3.9871	- 0.0152	...	...	+ 0.04
4329	...	C.P.D. - 43°. 9026 ...	...	8.7	83.04	3	19 25 15.47	+ 4.2636	- 0.0214	...	...	...
4330	...	C.Z. XIX. 1087 ...	...	9.0	84.03	3	19 25 18.55	+ 4.9850	- 0.0408	...	...	...
4331	...	C.P.D. - 40°. 9036 ...	...	5.9	82.70	5	19 25 34.01	+ 4.1279	- 0.0186	...	...	0.00
4332	6690	6 Cygni (1st) ...	$\beta$	3.1	79.60	10	19 25 40.83	+ 2.4188	+ 0.0011	- 0.0012	- 0.03	...
4333	...	C.P.D. - 39°. 8473 ...	...	8.8	69.06	5	19 25 41.33	+ 4.1133	- 0.0181	...	...	...
4334	6691	6 Cygni (2nd) ...	$\beta$	5.2	77.61	6	19 25 42.96	+ 2.4187	+ 0.0011	- 0.0020	...	...
4335	...	C.P.D. - 37°. 8544 ...	...	9.0	71.63	5	19 25 54.37	+ 4.0373	- 0.0167	...	...	...
4336	6697	10 Cygni ...	$\epsilon^2$	3.9	78.70	5	19 26 33.25	+ 1.5118	- 0.0021	+ 0.0015	...	...
4337	...	C.P.D. - 41°. 9138 ...	...	7.5	70.62	5	19 26 52.50	+ 4.1668	- 0.0397	...	...	+ 0.04
4338	6696	Brisbane 6696 ...	...	6.3	84.39	4	19 27 54.52	+ 5.0762	- 0.0452	...	...	- 0.14
4339	6701	38 Aquilæ ...	$\mu$	4.7	77.64	5	19 27 58.79	+ 2.9175	- 0.0012	+ 0.0129	- 0.16	...
4340	6703	37 Aquilæ ...	$k$	5.3	78.71	4	19 28 14.03	+ 3.3693	- 0.0052	- 0.0001	+ 0.13	+ 0.16

No.	Mean Polar Distance 18750	Annual Precession 18750	Secular Variation 18750	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4303	130 59 55.8	- 6.465	- 0.572	+ 0.121	...	+ 1.2	8087	8880	10498	...	26527
4307	126 19 41.5	.506	.548	...	...	+ 0.1	...	...	...	...	26548
4308	134 26 2.1	.528	.592	...	...	0.0	8088	...	10506	...	26557
4309	130 5 20.7	.576	.567	...	...	- 2.4	...	...	...	...	26567
4310	129 51 33.6	.638	.565	...	...	...	...	...	...	...	766
4311	136 49 22.6	.654	.605	...	...	+ 0.5	8098	...	10513	...	26587
4312	114 44 58.5	.667	.500	+ 0.049	- 0.5	- 1.0	8100	8911	10514	2445	26592
4313	114 34 18.7	.674	.663	- 0.02	...	+ 0.7	8091	8907	10515	...	26598
4314	114 12 18.6	.689	- 0.197	+ 0.005	- 0.2	+ 0.1	8103	8915	10517	2446	26601
4315	16 52 35.3	.690	+ 0.152	- 0.100	- 2.9	...	...	8940	...	2472	...
4316	78 19 15.5	.778	- 0.383	- 0.651	- 2.7	...	...	8927	...	2452	...
4317	87 7 57.9	.793	.410	- 0.087	- 0.5	...	...	8929	10522	2451	...
4318	130 14 7.2	.797	.565	...	...	...	...	...	...	...	884
4319	128 37 11.9	.850	.556	...	...	...	...	...	...	...	865
4320	24 31 32.9	.861	.041	- 0.030	- 1.0	...	...	8949	...	2471	...
4321	89 54 31.9	.870	.418	- 0.024	- 0.3	...	...	8984	...	2455	...
4322	145 21 48.6	.894	.667	...	...	+ 1.0	8101	8928	10531	...	26643
4323	125 29 10.5	.974	.539	...	...	- 1.1	...	...	10534	...	26666
4324	132 35 13.1	- 6.985	.574	...	...	...	...	...	...	...	936
4325	132 41 20.0	- 7.106	.573	...	...	+ 0.1	8121	...	10542	...	26708
4326	143 26 46.2	.107	.647	...	...	+ 1.9	8115	8950	10543	...	26709
4327	65 35 14.4	.147	.338	+ 0.102	+ 1.1	...	...	8965	10545	2467	...
4328	126 13 8.5	.147	.540	...	...	+ 1.8	8128	...	10546	...	26726
4329	133 43 47.0	.289	.576	...	...	...	...	...	...	...	...
4330	146 56 1.1	.294	.674	...	...	...	...	...	...	...	1087
4331	130 18 3.2	.315	.557	...	...	+ 1.2	8138	...	10561	...	26776
4332	62 18 5.0	.324	.325	0.000	0.0	...	...	8980	...	2473	...
4333	129 54 30.0	.325	.557	...	...	...	...	...	...	...	...
4334	62 17 47.5	.327	.326	+ 0.001	...	...	...	8981	...	2474	...
4335	127 48 0.7	.343	.545	...	...	...	...	...	...	...	1107
4336	38 32 7.3	.385	.202	- 0.122	...	...	...	8988	...	2431	...
4337	131 23 27.0	.421	.562	...	...	+ 0.6	...	...	...	...	26800
4338	148 15 20.0	.506	.682	...	...	+ 1.5	8142	8982	10578	...	26819
4339	82 53 4.9	.511	.392	+ 0.133	- 1.5	...	...	8994	...	2479	...
4340	100 49 52.2	- 7.331	- 0.444	+ 0.004	- 1.8	- 0.8	...	8995	10579	2477	26824

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0			Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
						h	m	s				Grn. 1880	C.G.A.
4341	6704	51 Sagittarii ...	$\lambda^1$	Var.	74.98	10	19 28 26.24	+ 3.6495	- 0.0100	- 0.0007	...	+ 0.02	
4342	...	C.P.D. - 41°. 9146 ...	...	7.5	83.60	5	19 28 58.88	+ 4.1760	- 0.0205	...	...	- 0.03	
4343	6706	52 Sagittarii ...	$\lambda^2$	4.6	74.50	92	19 29 5.87	+ 3.6532	- 0.0102	+ 0.0030	- 0.08	- 0.03	
4344	...	C.P.D. - 35°. 8608 ...	...	8.0	83.67	4	19 29 14.02	+ 3.9550	- 0.0158	...	...	...	
4345	...	C.P.D. - 39°. 8486 ...	...	8.5	82.78	6	19 29 39.14	+ 4.0743	- 0.0184	...	...	...	
4346	6713	39 Aquilo ...	$\kappa$	4.9	77.65	5	19 30 9.82	+ 3.2305	- 0.0044	- 0.0010	- 0.14	- 0.11	
4347	6715	41 Aquila ...	$\iota$	4.3	77.70	5	19 30 15.12	+ 3.1059	- 0.0030	- 0.0009	- 0.13	- 0.05	
4348	...	Brisbane 6710 ...	...	6.7	83.74	5	19 30 42.62	+ 4.3301	- 0.0246	...	...	- 0.19	
4349	...	C.P.D. - 39°. 8493 ...	...	6.8	84.25	5	19 31 24.58	+ 4.0856	- 0.0192	...	...	+ 0.05	
4350	...	C.P.D. - 37°. 8569 ...	...	8.0	70.04	5	19 31 43.58	+ 4.0234	- 0.0176	...	...	+ 0.12	
4351	...	C.Z. XIX. 1394 ...	...	7.5	68.04	5	19 32 28.79	+ 4.7179	- 0.0358	...	...	- 0.03	
4352	6735	61 Draconis ...	$\sigma$	4.7	79.06	5	19 32 35.68	- 0.2067	- 0.0369	+ 0.0973	- 0.22	...	
4353	...	C.P.D. - 36°. 8904 ...	...	8.2	84.45	5	19 32 53.59	+ 3.9852	- 0.0172	...	...	...	
4354	6729	44 Aquila ...	$\sigma$	5.0	79.71	5	19 33 1.41	+ 2.9622	- 0.0019	- 0.0018	- 0.06	...	
4355	...	O.A.S. 19817 ...	...	8.0	73.71	5	19 33 1.76	+ 3.4755	- 0.0077	...	...	...	
4356	6734	13 Cygni ...	$\theta$	4.6	74.05	4	19 33 5.42	+ 1.6120	- 0.0016	- 0.0036	+ 0.05	...	
4357	...	Cygni ...	$\mathcal{R}$	Var.	73.62	5	19 33 27.69	+ 1.6142	- 0.0015	...	...	...	
4358	...	B.D. + 49°. 3065 ...	...	9.3	67.64	5	19 33 30.03	+ 1.6127	- 0.0015	...	...	...	
4359	...	Randolfo 4400 ...	...	10.0	77.66	5	19 33 30.16	+ 1.6125	- 0.0015	...	...	...	
4360	6733	54 Sagittarii ...	$e^1$	5.6	78.69	5	19 33 33.64	+ 3.4375	- 0.0074	+ 0.0026	- 0.04	- 0.01	
4361	6740	12 Cygni ...	$\phi$	4.9	77.76	5	19 34 26.30	+ 2.3687	+ 0.0012	- 0.0005	- 0.06	...	
4362	6739	5 Sagitta ...	$\alpha$	4.3	77.66	5	19 34 30.56	+ 2.6806	+ 0.0001	0.0000	0.00	...	
4363	...	C.P.D. - 37°. 8579 ...	...	7.2	70.24	5	19 34 34.34	+ 4.0198	- 0.0182	...	...	+ 0.05	
4364	...	C.P.D. - 37°. 8580 ...	...	9.0	68.26	5	19 35 7.54	+ 4.0029	- 0.0179	...	...	...	
4365	...	C.P.D. - 37°. 8581 ...	...	6.3	83.00	7	19 35 16.36	+ 4.0207	- 0.0184	...	...	- 0.06	
4366	6742	55 Sagittarii ...	$e^2$	5.0	67.21	5	19 35 22.06	+ 3.4326	- 0.0075	+ 0.0027	+ 0.01	- 0.03	
4367	6744	6 Sagitta ...	$\beta$	4.4	78.70	5	19 35 26.08	+ 2.6940	+ 0.0001	- 0.0008	+ 0.02	...	
4368	...	C.P.D. - 41°. 9173 ...	...	7.2	84.12	5	19 35 48.25	+ 4.1686	- 0.0221	...	...	- 0.16	
4369	6748	Groombridge 2907 ...	...	5.7	79.00	5	19 35 52.30	+ 1.3480	- 0.0043	...	...	...	
4370	...	C.P.D. - 38°. 7864 ...	...	8.0	82.66	5	19 36 5.50	+ 4.0311	- 0.0188	...	...	- 0.06	
4371	6751	Telescopii ...	$\nu$	5.6	77.67	5	19 37 48.29	+ 4.9223	- 0.0452	+ 0.0038	...	+ 0.03	
4372	6755	Piazzi XIX. 213 ...	...	5.7	78.70	5	19 38 2.55	+ 3.8385	- 0.0151	- 0.0029	...	- 0.06	
4373	6756	Brisbane 6727 ...	...	6.4	78.11	5	19 39 2.60	+ 5.7873	- 0.0817	...	...	+ 0.10	
4374	6760	56 Sagittarii ...	$f$	5.1	67.93	6	19 39 4.13	+ 3.6166	- 0.0091	- 0.0112	- 0.02	+ 0.03	
4375	...	Brisbane 6732 ...	...	6.6	84.63	4	19 39 10.92	+ 4.6940	- 0.0382	...	...	- 0.43	

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras —		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4311	114 59 260	- 7.548	- 0.491	+ 0.021	...	- 1.4	8162	8993	10580	2475	26827
4312	131 43 59.8	.592	.561	...	...	+ 1.6	8153	...	10583	...	26839
4313	115 9 260	.602	.490	+ 0.013	- 1.8	- 1.3	8166	8996	10584	2478	26843
4314	125 30 59.8	.613	.531	...	...	...	...	...	...	...	1251
4315	129 2 5.9	.646	.546	...	...	...	...	...	...	...	1269
4316	97 18 12.0	.688	.432	- 0.007	- 0.5	+ 0.5	...	9014	10590	2482	26865
4317	91 33 44.1	.695	.415	+ 0.005	- 0.2	- 0.3	...	9015	...	2484	26866
4318	135 33 3.5	.732	.580	...	...	+ 3.1	8167	...	10594	...	26875
4319	129 42 49.8	.749	.548	...	...	+ 1.7	8174	...	10598	...	26890
4320	127 41 4.0	.814	.538	...	...	+ 2.2	...	...	...	...	26896
4321	143 14 5.4	.874	- 0.631	...	...	+ 0.9	8173	...	10607	...	26918
4322	20 33 5.5	.884	+ 0.631	+ 1.766	- 0.1	...	...	9046	...	2505	...
4323	126 37 3.9	.908	- 0.531	...	...	...	...	...	...	...	1406
4324	84 53 5.4	.948	.394	- 0.004	- 3.2	...	...	9036	10599	2482	...
4325	108 10 3.4.8	.918	.463	...	...	...	...	...	...	...	...
4326	40 4 0.0	.924	.213	- 0.212	- 3.0	...	...	8044	...	2498	...
4327	40 4 40.9	.953	.213	...	...	...	...	...	...	...	...
4328	40 3 29.3	.956	.213	...	...	...	...	...	...	...	...
4329	40 3 21.8	.957	.212	...	...	...	...	...	...	...	...
4330	103 31 38.6	- 7.961	.457	+ 0.039	- 2.9	- 1.2	...	8038	10613	2490	26949
4331	60 8 2.2	- 8.032	.314	- 0.047	+ 1.3	...	...	9050	...	2497	...
4332	72 16 2.7	.938	.355	+ 0.012	- 0.1	...	...	9048	...	2495	...
4333	127 43 48.8	.943	.535	...	...	+ 1.9	8191	...	10616	...	26971
4334	127 15 35.2	.987	.533	...	...	...	...	...	...	...	1496
4335	127 49 52.6	.999	.534	...	...	+ 1.3	8196	...	10622	...	26987
4336	106 24 53.6	.106	.456	+ 0.007	- 1.1	- 0.6	...	9051	10623	2494	26980
4337	72 48 42.5	.112	.356	+ 0.044	- 1.9	...	...	9054	...	2490	...
4338	131 54 13.6	.140	.553	...	...	+ 1.8	8197	...	10624	...	26997
4339	35 19 5.3	.147	.177	...	...	...	...	...	...	...	...
4370	128 8 22.9	.165	.533	...	...	+ 0.9	...	...	...	...	27004
4371	146 39 38.6	.301	.650	+ 0.15	...	+ 2.6	8200	9062	10634	...	27013
4372	122 12 28.0	.320	.565	+ 0.035	...	+ 0.3	8211	9071	10636	...	27053
4373	155 54 28.8	.399	.762	...	...	+ 2.0	8195	...	10642	...	27074
4374	110 3 34.9	.401	.462	+ 0.078	- 0.7	+ 0.5	...	9079	...	2504	27075
4375	143 11 28.9	- 8.410	- 0.617	...	...	- 0.9	8206	...	10643	...	27077

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madrns—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4376	...	C.P.D. — 35°. 8644 ...	7.8	83.25	5	19 39 17.33	+ 3.9370	- 0.0175	...	...	- 0.12
4377	...	R.P.L. 133 ...	7.9	83.10	20	19 39 35.95	- 13.5482	- 1.6892	...	...	...
4378	6771	15 Cygni ...	5.0	78.66	5	19 39 46.10	+ 2.1539	+ 0.0011	+ 0.0047	+ 0.01	...
4379	...	C.P.D. — 38°. 7876 ...	7.8	83.70	5	19 39 53.58	+ 4.0243	- 0.0195	...	...	- 0.10
4380	6772	50 Aquila ...	γ	73.48	130	19 40 18.99	+ 2.8519	- 0.0011	- 0.0004	- 0.01	...
4381	6780	Groombridge 2935 ...	6.2	79.08	5	19 40 48.10	+ 1.1571	- 0.0072	...	...	...
4382	6779	18 Cygni ...	δ	77.59	5	19 41 3.96	+ 1.8705	+ 0.0001	+ 0.0039	- 0.10	...
4383	...	C.P.D. — 38°. 7879 ...	7.0	83.73	6	19 41 12.89	+ 4.0194	- 0.0197	...	...	- 0.12
4384	...	R.P.L. 134 ...	8.5	83.18	20	19 41 23.22	- 13.4630	- 1.7059	...	...	...
4385	6784	17 Cygni ...	5.0	79.26	5	19 41 40.92	+ 2.2749	+ 0.0013	- 0.0010	+ 0.01	...
4386	...	C.P.D. — 33°. 5735 ...	8.2	77.70	5	19 41 42.16	+ 3.8585	- 0.0161	...	...	- 0.05
4387	6783	7 Sagitta ...	δ	77.07	5	19 41 48.83	+ 2.6745	+ 0.0002	- 0.0008	- 0.04	...
4388	6778	C.P.D. — 42°. 8921 ...	7.6	82.03	5	19 42 1.29	+ 4.1652	- 0.0236	...	...	...
4389	...	Brisbane 6744 ...	6.7	83.79	5	19 42 13.18	+ 4.5771	- 0.0356	...	...	...
4390	...	11 Vulpecula ...	Var.	75.63	9	19 42 33.05	+ 2.4576	+ 0.0011	...	...	...
4391	6782	Brisbane 6745 ...	5.6	77.71	5	19 42 39.12	+ 4.8116	- 0.0437	...	...	- 0.17
4392	...	O.A.S. 19996 ...	8.8	71.81	5	19 42 55.42	+ 3.4676	- 0.0087	...	...	...
4393	...	Vulpecula ...	δ	69.68	10	19 43 16.34	+ 2.4597	+ 0.0011	...	...	...
4394	...	C.P.D. — 40°. 9120 ...	5.4	83.16	4	19 43 20.95	+ 4.0886	- 0.0218	...	...	- 0.07
4395	6794	8 Sagitta ...	ζ	78.88	5	19 43 25.62	+ 2.6619	+ 0.0002	+ 0.0018	...	...
4396	...	C.P.D. — 37°. 8602 ...	6.9	83.70	5	19 43 27.81	+ 4.0003	- 0.0197	...	...	- 0.05
4397	6796	51 Aquila ...	5.6	79.09	5	19 43 54.11	+ 3.3075	- 0.0062	- 0.0038	+ 0.01	+ 0.12
4398	6800	Piazzi XIX. 205 ...	6.9	79.61	10	19 44 4.65	+ 2.2882	+ 0.0013	...	...	...
4399	6802	53 Aquila ( <i>Altair</i> ) ...	α	74.33	88	19 44 41.04	+ 2.8920	- 0.0014	+ 0.0349	+ 0.01	...
4400	...	C.P.D. — 32°. 6045 ...	7.0	73.74	10	19 44 46.76	+ 3.8306	- 0.0160	...	...	+ 0.02
4401	6803	57 Sagittarii ...	6.2	71.14	5	19 44 56.13	+ 3.4937	- 0.0094	- 0.0011	+ 0.15	+ 0.17
4402	6797	Brisbane 6751 ...	5.8	78.72	5	19 45 44.75	+ 6.2722	- 0.1143	...	...	+ 0.08
4403	...	Cygni ...	χ	70.68	10	19 45 45.68	+ 2.3069	+ 0.0013	...	- 0.03	...
4404	6811	55 Aquila ...	η	70.75	10	19 46 6.36	+ 3.0580	- 0.0031	- 0.0005	+ 0.08	...
4405	6817	Groombridge 2950 ...	5.5	79.49	5	19 46 19.05	+ 2.0588	+ 0.0010	...	- 0.33	...
4406	6809	Brisbane 6760 ...	7.0	83.12	5	19 46 36.67	+ 5.0031	- 0.0530	...	...	- 0.11
4407	6812	Sagittarii ...	ι	78.28	5	19 46 37.81	+ 4.1554	- 0.0245	- 0.0026	...	- 0.15
4408	...	B.F. 2695 ( <i>1st</i> ) ...	5.9	79.64	3	19 46 45.92	+ 3.1439	- 0.0041	...	+ 0.12	+ 0.07
4409	6815	B.F. 2695 ( <i>2nd</i> ) ...	5.9	78.72	2	19 46 46.31	+ 3.1439	- 0.0041	...	...	...
4410	...	O.A.S. 20055 ...	8.7	71.44	5	19 46 57.37	+ 3.4541	- 0.0688	...	...	...



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
4411	...	C.P.D. — 42°. 8951 ...	9.5	83.18	4	h m s 19 47 36.49	+ 4.1464	— 0.0245	...	...	...
4412	6827	13 Vulpeculae ...	4.7	79.96	4	19 48 8.81	+ 2.5481	+ 0.0008	+ 0.0006	— 0.09	...
4413	6823	58 Sagittarii ...	5.0	79.54	5	19 48 10.79	+ 3.6693	— 0.0131	+ 0.0127	...	+ 0.02
4414	6825	59 Aquilae ...	ξ	4.9	10	19 48 11.27	+ 2.9019	— 0.0016	+ 0.0056	— 0.12	...
4415	6820	Pavonis ...	μ <sup>1</sup>	5.7	5	19 48 11.72	+ 5.9154	— 0.0971	...	...	— 0.14
4416	6833	60 Aquilae ...	β	4.0	100	19 49 10.37	+ 2.9453	— 0.0020	+ 0.0012	+ 0.03	...
4417	6832	59 Sagittarii ...	δ	4.7	5	19 49 10.29	+ 3.6905	— 0.0137	— 0.0023	— 0.14	— 0.21
4418	6909	Ursae Minoris ...	λ	6.5	55-51	19 49 17.34	— 60.5813	— 20.6800	— 0.0566	+ 0.50	...
4419	6828	Pavonis ...	μ <sup>2</sup>	5.6	5	19 49 41.31	+ 5.9002	— 0.0981	...	...	— 0.09
4420	...	C.P.D. — 43°. 9119 ...	8.0	82.94	5	19 49 45.65	+ 4.1792	— 0.0256	...	...	— 0.12
4421	...	C.P.D. — 37°. 8633 ...	6.9	83.78	5	19 49 58.43	+ 3.9664	— 0.0202	...	...	— 0.16
4422	...	C.Z. XIX. 2079 ...	8.5	69.65	5	19 50 26.93	+ 4.8232	— 0.0479	...	...	...
4423	6840	61 Sagittarii ...	g	5.0	5	19 50 51.53	+ 3.4076	— 0.0084	— 0.0014	— 0.06	+ 0.03
4424	6841	C.P.D. — 30°. 6152 ...	6.5	83.74	5	19 51 4.41	+ 3.7794	— 0.0159	...	...	— 0.03
4425	6842	60 Sagittarii ...	A	5.0	5	19 51 20.02	+ 3.6625	— 0.0134	0.0000	— 0.14	— 0.04
4426	6849	22 Cygni ...	...	4.7	5	19 51 23.48	+ 2.1435	+ 0.0012	— 0.0003	— 0.24	...
4427	6843	Sagittarii ...	θ <sup>1</sup>	4.2	5	19 51 35.99	+ 3.9185	— 0.0194	— 0.0039	+ 0.43	+ 0.15
4428	6851	21 Cygni ...	η	4.0	5	19 51 37.02	+ 2.2525	+ 0.0014	— 0.0029	+ 0.05	...
4429	6845	Sagittarii ...	θ <sup>2</sup>	5.4	5	19 51 44.23	+ 3.9003	— 0.0190	...	...	— 0.05
4430	6844	C.P.D. — 43°. 9128 ...	6.7	83.95	5	19 51 44.63	+ 4.1884	— 0.0268	...	...	— 0.24
4431	6846	Piazzi XIX. 328 ...	5.8	82.70	5	19 51 56.61	+ 4.2715	— 0.0293	...	...	— 0.24
4432	6857	Groombridge 2084 ...	5.6	79.27	5	19 52 53.45	+ 2.0826	+ 0.0010	...	+ 0.03	...
4433	6858	12 Sagittae ...	γ	3.6	5	19 53 11.62	+ 2.6633	+ 0.0003	+ 0.0032	— 0.20	...
4434	...	C.P.D. — 37°. 8651 ...	8.0	83.71	5	19 53 19.94	+ 3.9596	— 0.0208	...	...	— 0.16
4435	6866	14 Vulpeculae ...	...	5.7	5	19 53 48.82	+ 2.5790	+ 0.0007	— 0.0065	+ 0.03	...
4436	...	C.P.D. — 40°. 9171 ...	8.0	84.43	5	19 53 53.26	+ 4.0698	— 0.0239	...	...	...
4437	...	C.Z. XIX. 2208 ...	9.0	66.05	5	19 53 54.29	+ 4.8025	— 0.0523	...	...	...
4438	...	Brisbane 6785 ...	...	7.5	5	19 54 7.67	+ 4.1210	— 0.0255	...	...	— 0.01
4439	...	B.D. — 17°. 5833 ...	9.2	70.43	5	19 54 26.97	+ 3.4351	— 0.0092	...	...	...
4440	6870	62 Sagittarii ...	c	4.7	5	19 54 58.20	+ 3.6969	— 0.0146	— 0.0002	+ 0.03	+ 0.02
4441	6872	Piazzi XIX. 353 ...	...	4.7	5	19 55 14.85	+ 3.9668	— 0.0222	...	...	— 0.12
4442	6879	15 Vulpeculae ...	...	4.9	5	19 55 57.16	+ 2.4658	+ 0.0012	+ 0.0029	0.00	...
4443	...	C.P.D. — 41°. 9278 ...	9.0	83.64	4	19 56 21.78	+ 4.1181	— 0.0259	...	...	...
4444	6877	Piazzi XIX. 366 ...	...	5.0	6	19 56 23.78	+ 3.8138	— 0.0175	0.0000	— 0.08	— 0.17
4445	6873	Pavonis ...	δ	3.8	5	19 56 26.11	+ 5.7584	— 0.0867	+ 0.1926	...	— 0.43

4441.—Orange

4444.—P. M. Stone

No.	Mean Polar Distance 1875-0			Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1850	Auwers' Bradley	C.G.A.
	°	'	"				Grn. 1880	C.G.A.					
4411	132	1	6.1	- 9.074	- 0.535	...	...	...	...	...	...	...	1931
4412	66	14	42.8	.116	.327	- 0.012	- 0.5	...	9156	...	2537	...	...
4413	116	37	15.2	.118	.473	- 0.093	+ 0.3	- 0.4	8268	9150	10707	2528	27272
4414	81	51	37.4	.119	.373	+ 0.008	- 1.0	...	...	9154	10706	2536	...
4415	157	16	32.5	.120	.764	...	...	+ 1.6	8244	...	10708	...	27273
4416	83	54	13.6	.196	.378	+ 0.473	- 0.8	...	...	9159	10712	2538	...
4417	117	29	58.8	.203	- 0.171	+ 0.024	0.0	+ 1.6	8277	9158	10715	2533	27289
4418	1	4	8.4	.204	+ 7.854	- 0.010	+ 0.3	...	...	9173	...	2705	...
4419	157	16	43.3	.236	- 0.761	...	...	- 0.1	8251	...	10719	...	27298
4420	133	0	43.9	.241	.537	...	...	- 1.4	...	...	...	...	27300
4421	127	1	4.1	.258	.509	...	...	+ 1.2	8278	...	10720	...	27302
4422	145	55	8.5	.295	.621	...	...	...	...	...	...	...	2079
4423	105	19	16.8	.327	.436	+ 0.081	- 0.5	+ 1.0	...	9165	...	2540	27321
4424	120	52	17.6	.343	.481	...	...	+ 2.4	8238	...	10727	...	27326
4425	116	31	56.0	.363	.468	- 0.034	- 0.6	+ 0.7	8234	9169	10731	2539	27332
4426	51	50	33.4	.368	.272	- 0.007	- 1.1	...	...	9175	10729	2547	...
4427	125	36	14.8	.384	.501	+ 0.041	- 0.8	+ 0.8	8291	9170	10735	...	27344
4428	55	14	52.4	.385	.286	+ 0.029	+ 0.9	...	...	9178	...	2548	...
4429	125	1	57.0	.395	.498	...	...	+ 1.0	8292	9172	10737	...	27346
4430	133	22	55.0	.396	.536	...	...	+ 1.5	8286	...	10739	...	27348
4431	135	27	5.7	.411	.546	...	...	+ 1.1	8285	9171	10741	...	27352
4432	49	58	1.0	.481	.230	...	- 0.9	...	...	...	...	...	...
4433	70	50	47.4	.507	.338	- 0.033	+ 1.6	...	...	9188	...	2550	...
4434	127	1	13.3	.518	.565	...	...	+ 0.6	...	...	10752	...	27394
4435	67	14	15.2	.555	.327	- 0.019	- 1.0	...	...	9191	...	2553	...
4436	130	19	34.2	.560	.518	...	...	...	...	...	...	...	...
4437	147	9	7.9	.561	.626	...	...	...	...	...	...	...	2203
4438	131	45	42.6	.579	.524	...	...	+ 0.8	8305	...	10758	...	27411
4439	107	10	35.5	.604	.437	...	...	...	...	...	...	...	...
4440	118	3	21.1	.644	.469	- 0.024	+ 0.7	+ 1.9	8315	9194	10762	2549	27430
4441	128	17	4.4	.665	.507	...	...	+ 1.6	8310	9195	10765	...	27440
4442	62	35	25.0	.719	.811	- 0.026	- 1.0	...	...	9212	...	2558	...
4443	131	50	9.2	.750	.521	...	...	...	...	...	...	...	...
4444	122	24	19.8	.754	.483	+ 0.07	+ 1.5	+ 2.8	8322	9208	10774	...	27463
4445	156	29	52.6	- 9.757	- 0.730	+ 1.147	...	+ 2.7	8295	9193	10776	...	27468



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4446	6882	B.D. + 24°. 3975 ...	5·0	79·07	5	19 56 26·71	+ 2·5410	+ 0·0009	- 0·0008	- 0·22	...
4447	...	C.Z. XIX. 2301 ...	8·5	69·67	5	19 56 33·51	+ 5·2530	- 0·0700	...	...	...
4448	...	C.P.D. - 40°. 9180 ...	8·5	67·07	5	19 57 31·55	+ 4·0613	- 0·0244	...	...	- 0·11
4449	6884	Brisbane 6793 ...	6·5	83·79	5	19 57 43·84	+ 4·7582	- 0·0488	...	...	- 0·12
4450	...	Anonymous ...	9·4	83·10	4	19 57 51·03	+ 4·9490	- 0·0572	...	...	...
4451	6803	63 Aquilæ ...	τ	5·6	78·73	5	19 58 2·11	+ 2·9308	- 0·0019	+ 0·0003	...
4452	...	C.P.D. - 44°. 9725 ...	7·8	82·75	5	19 58 9·77	+ 4·2215	- 0·0296	...	...	+ 0·03
4453	...	C.P.D. - 35°. 8736 ...	7·2	83·74	5	19 59 12·54	+ 3·9116	- 0·0207	...	...	- 0·03
4454	...	Yarnall 8683 ...	7·8	70·67	5	20 0 0·11	+ 4·0152	- 0·0238	...	...	+ 0·12
4455	...	C.P.D. - 47°. 9444 ...	6·6	84·10	5	20 0 4·35	+ 4·3322	- 0·0338	...	...	- 0·19
4456	6905	64 Draconis ...	ε	5·4	78·67	5	20 0 8·85	+ 0·6488	- 0·0208	- 0·0022	- 0·09
4457	...	C.P.D. - 41°. 9300 ...	7·8	82·63	5	20 0 23·77	+ 4·0795	- 0·0257	...	...	+ 0·06
4458	6904	Runkler 509 ...	6·6	84·61	5	20 1 23·48	+ 4·1964	- 0·0297	...	...	- 0·10
4459	6907	O.A.S. 20266 ...	7·0	77·74	5	20 1 25·95	+ 3·8897	- 0·0089	...	...	+ 0·05
4460	...	O.A.S. 20269 ...	8·5	78·10	5	20 1 45·51	+ 3·3978	- 0·0090	...	...	...
4461	6926	67 Draconis ...	ρ	4·6	78·73	5	20 2 14·87	+ 0·2906	- 0·0323	+ 0·0006	- 0·07
4462	...	Cygni ...	S	Var.	77·79	10	20 2 53·06	+ 1·2592	- 0·0074	...	...
4463	...	O.A.N. 20046 ...	8·9	72·06	10	20 2 53·62	+ 1·2586	- 0·0074	...	...	...
4464	6932	66 Draconis ...	5·6	78·68	5	20 3 33·28	+ 0·9471	- 0·0138	+ 0·0150	- 0·06	...
4465	...	Capricorni ...	R	Var.	71·00	7	20 4 17·64	+ 3·3713	- 0·0087	...	0·00
4466	...	Brisbane 6818 ...	6·8	83·79	5	20 4 31·85	+ 4·3469	- 0·0358	...	...	- 0·03
4467	6937	28 Cygni ...	b <sup>2</sup>	4·8	78·69	5	20 4 47·11	+ 2·2267	+ 0·0017	+ 0·0003	+ 0·06
4468	6934	65 Aquilæ ...	θ	3·4	83·24	110	20 4 51·30	+ 3·0960	- 0·0042	+ 0·0004	+ 0·03
4469	...	Brisbane 6812 (1st)	8·0	75·85	5	20 4 52·99	+ 4·8564	- 0·0568	...	...	0·00
4470	...	C.Z. XX. 180 ...	8·5	70·47	5	20 5 5·42	+ 4·8462	- 0·0563	...	...	...
4471	...	Aquilæ ...	S	Var.	64·67	2	20 5 52·33	+ 2·7615	- 0·0004	...	...
4472	...	B.D. + 15°. 4079 ...	9·4	73·88	8	20 5 53·40	+ 2·7618	- 0·0604	...	...	...
4473	...	Brisbane 6818 ...	8·0	82·74	3	20 6 20·08	+ 4·1740	- 0·0304	...	...	- 0·04
4474	6947	Piazzi XX. 29 ...	6·0	84·28	5	20 7 29·34	+ 3·6608	- 0·0155	+ 0·0982	0·00	0·00
4475	...	C.P.D. - 41°. 9329 ...	7·2	82·78	5	20 7 45·80	+ 4·0886	- 0·0278	...	...	- 0·02
4476	6946	C.Z. XX. 254 ...	6·7	71·98	3	20 7 55·90	+ 5·2310	- 0·0772	...	...	+ 0·23
4477	...	B.D. + 8°. 4383 ...	8·7	65·70	5	20 8 13·34	+ 2·8997	- 0·0017	...	...	...
4478	...	C.P.D. - 36°. 9073 ...	6·5	83·79	5	20 8 15·16	+ 3·9208	- 0·0228	...	...	- 0·16
4479	...	Sagittæ ...	R	Var.	71·53	7	20 8 21·89	+ 2·7389	- 0·0002	...	+ 0·09
4480	6952	67 Aquilæ ...	ρ	5·1	78·70	5	20 8 29·50	+ 2·7727	- 0·0005	+ 0·0028	- 0·10

No.	Mean Polar Distance 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4446	65 32 43.9	- 9757	- 0.320	+ 0.001	+ 0.9	...	...	9215	...	2559	...
4447	151 49 52.7	765	668	...	...	...	...	...	...	...	2901
4448	130 19 45.2	839	513	...	...	+ 0.5	...	...	...	...	27485
4449	145 22 19.3	855	600	...	...	- 0.8	8320	9213	10784	...	27495
4450	148 11 55.3	834	623	...	...	...	...	...	...	...	...
4451	83 4 22.0	878	368	- 0.036	...	...	...	9228	10786	2564	...
4452	134 39 28.7	888	532	...	...	+ 2.1	...	...	...	...	27501
4453	125 53 29.5	- 9997	491	...	...	+ 3.9	8340	...	10732	...	27519
4454	129 9 31.5	- 10927	594	...	...	+ 1.4	...	...	...	...	27532
4455	137 25 33.4	662	543	...	...	0.0	8339	...	10797	...	27536
4456	25 31 43.1	639	678	+ 0.022	+ 0.1	...	...	9252	...	2578	...
4457	131 3 8.9	657	511	...	...	+ 1.8	...	...	...	...	27542
4458	134 15 24.7	133	534	...	...	+ 1.2	8348	...	10803	...	27562
4459	105 23 19.8	136	423	...	...	+ 1.9	...	9247	...	...	27566
4460	105 45 27.6	160	423	...	...	...	...	...	...	...	...
4461	22 28 56.6	197	692	- 0.034	- 1.3	...	...	9272	...	2587	...
4462	32 22 21.7	245	154	...	...	...	...	...	...	...	...
4463	32 21 39.5	245	154	...	...	...	...	...	...	...	...
4464	28 22 1.2	296	115	- 0.040	- 0.1	...	...	9285	...	2586	...
4465	104 38 19.6	351	418	...	...	+ 1.4	...	...	...	...	27631
4466	138 5 1.8	369	530	...	...	+ 2.7	8361	...	10823	...	27641
4467	53 31 37.4	387	274	- 0.050	- 1.9	...	...	9288	...	2582	...
4468	91 11 27.2	392	382	- 0.010	+ 0.5	+ 0.3	...	9280	10825	2576	27648
4469	147 20 48.9	391	603	...	...	- 0.7	8363	...	10827	...	27650
4470	147 12 39.7	410	602	...	...	...	...	...	...	...	180
4471	74 45 0.8	468	340	...	...	...	...	...	...	...	...
4472	74 46 29.3	470	339	...	...	...	...	...	...	...	...
4473	134 3 14.2	503	514	...	...	+ 1.6	...	...	10833	...	27689
4474	117 24 14.4	590	448	+ 0.200	- 0.9	+ 0.3	8381	9303	10835	...	27708
4475	131 51 27.0	610	501	...	...	+ 1.8	8379	...	10836	...	27719
4476	152 17 18.2	622	643	...	...	+ 2.6	8370	...	10837	...	27721
4477	81 20 30.7	643	354	...	...	...	...	...	...	...	...
4478	126 50 0.9	646	480	...	...	+ 2.7	8385	...	10840	...	27731
4479	73 39 2.4	653	334	...	- 0.3	...	...	...	...	...	...
4480	75 10 54.5	- 10664	- 0.338	- 0.081	- 1.1	...	...	9316	...	2590	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	G.A.
4481	...	Dolphini ...	R	Var	74.72	10	20 8 52.58	+ 2.8990	- 0.0017	...	...
4482	...	O.A.S. 20356 ...	...	7.8	67.49	5	20 8 59.93	+ 3.4928	- 0.0116	...	...
4483	6959	Groombridge 3087 ...	...	6.5	79.11	5	20 9 2.85	+ 1.6717	- 0.0017	...	- 0.17
4484	6962	30 Cygni ...	o <sup>1</sup>	4.9	78.89	5	20 9 22.23	+ 1.8845	+ 0.0005	+ 0.0017	- 0.06
4485	6965	31 Cygni ...	o <sup>2</sup>	3.8	79.12	5	20 9 41.57	+ 1.8886	+ 0.0005	- 0.0005	- 0.19
4486	6966	B.II. 1548 ...	...	5.5	78.65	5	20 9 58.19	+ 2.5413	+ 0.0012	...	...
4487	6960	Runkler 515 ...	...	7.5	83.25	5	20 10 14.65	+ 4.1955	- 0.0323	...	+ 0.04
4488	6961	Brisbane 6828 ...	...	6.3	83.75	5	20 10 18.16	+ 4.3217	- 0.0368	...	- 0.07
4489	...	Brisbane 6826 ...	...	7.5	68.90	5	20 10 23.52	+ 4.9556	- 0.0647	...	+ 0.11
4490	6976	33 Cygni ...	...	4.4	79.33	5	20 10 29.20	+ 1.3911	- 0.0056	+ 0.0060	- 0.26
4491	6973	23 Vulpeculæ ...	...	4.8	79.27	5	20 10 35.30	+ 2.4879	+ 0.0015	- 0.0046	- 0.03
4492	6972	5 Capricorni ...	α <sup>1</sup>	4.5	71.61	10	20 10 43.07	+ 3.3299	- 0.0084	- 0.0005	- 0.01 + 0.03
4493	6974	6 Capricorni ...	α <sup>2</sup>	3.8	72.09	120	20 11 7.04	+ 3.3303	- 0.0084	+ 0.0026	- 0.04 - 0.01
4494	6979	24 Vulpeculæ ...	...	5.5	79.70	5	20 11 25.90	+ 2.6555	+ 0.0011	0.0000	- 0.26
4495	6983	32 Cygni ...	o <sup>2</sup>	4.1	79.75	5	20 11 36.33	+ 1.8544	+ 0.0001	+ 0.0001	...
4496	...	B.D. - 16°. 5558 ...	...	8.0	70.48	5	20 11 52.80	+ 3.3991	- 0.0098	...	...
4497	6981	7 Capricorni ...	σ	5.6	72.06	5	20 12 10.82	+ 3.4692	- 0.0115	- 0.0013	+ 0.05 + 0.10
4498	...	C.P.D. - 34°. 8654 ...	...	6.9	81.74	5	20 12 13.69	+ 3.8560	- 0.0216	...	- 0.24
4499	6986	Lalande 39015 ...	...	5.5	68.06	5	20 12 28.58	+ 2.1333	+ 0.0017	+ 0.0058	...
4500	...	C.P.D. - 50°. 11341 ...	...	6.5	83.97	5	20 12 35.59	+ 4.4244	- 0.0417	...	- 0.47
4501	...	B.D. + 1°. 4254 ...	...	9.0	73.14	5	20 12 41.25	+ 3.0479	- 0.0037	...	...
4502	...	C.P.D. - 45°. 9919 ...	...	8.5	82.74	3	20 12 51.64	+ 4.2055	- 0.0334	...	...
4503	7005	1 Cephei ...	κ	4.4	80.66	5	20 13 4.25	- 1.9019	- 0.1651	+ 0.0022	+ 0.51
4504	6990	34 Cygni ...	P	Var.	70.69	10	20 13 10.86	+ 2.2103	+ 0.0019	- 0.0008	...
4505	...	C.P.D. - 33°. 5845 ...	...	7.2	83.69	5	20 13 18.57	+ 3.8012	- 0.0202	...	+ 0.05
4506	6991	8 Capricorni ...	ν	4.7	77.69	5	20 13 43.74	+ 3.3329	- 0.0087	- 0.0016	- 0.05 + 0.02
4507	6995	9 Capricorni ...	β	3.4	71.17	5	20 13 59.17	+ 3.3748	- 0.0095	+ 0.0007	- 0.05 - 0.05
4508	...	C.P.D. - 43°. 9212 ...	...	8.5	83.70	5	20 14 10.04	+ 4.1235	- 0.0308	...	+ 0.11
4509	...	Lalande 39095 ...	...	8.0	63.81	5	20 15 18.37	+ 3.3955	- 0.0100	...	+ 0.19
4510	7002	Sagittarii ...	κ <sup>2</sup>	5.7	83.78	5	20 15 22.89	+ 4.1012	- 0.0303	...	- 0.18
4511	...	Capricorni ...	X	Var.	74.92	10	20 15 35.67	+ 3.3991	- 0.0101	...	...
4512	...	Cygni ...	U	Var.	77.20	10	20 15 44.02	+ 1.8615	+ 0.0002	...	...
4513	7004	Pavonis ...	α	2.0	67.26	10	20 15 44.86	+ 4.7889	- 0.0594	- 0.0014	+ 0.08
4514	...	O.A.N. 20387 (2nd) ...	...	8.3	77.66	5	20 15 43.68	+ 1.8614	+ 0.0002	...	...
4515	...	Lalande 39125 ...	...	8.2	68.65	5	20 16 8.67	+ 3.3939	- 0.0101	...	+ 0.17

No.	Mean Polar Distance 1875°0	Annual Precession 1875°0	Secular Variation 1875°0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4481	81 17 20.1	- 10.692	- 0.353	...	...	...	...	...	...	...	...
4482	110 24 11.1	.701	.427	...	...	...	...	...	...	...	...
4483	38 54 43.0	.705	.201	...	- 0.6	...	...	...	...	...	...
4484	43 33 40.9	.729	.227	+ 0.016	- 1.3	...	...	9327	...	2601	...
4485	43 38 12.9	.752	.228	0.000	- 0.1	...	...	9331	...	2603	...
4486	64 47 19.1	.773	.308	...	...	...	...	...	...	...	...
4487	134 54 39.9	.794	.511	...	...	+ 2.4	8395	...	10858	...	27786
4488	137 57 38.2	.798	.526	...	...	+ 2.8	8393	...	10859	...	27788
4489	149 7 4.2	.804	.604	...	...	+ 3.5	8384	9319	10860	...	27790
4490	33 48 50.0	.812	.166	- 0.078	- 1.7	...	...	9340	...	2611	...
4491	62 34 3.0	.819	.301	- 0.010	- 2.6	...	...	9338	...	2602	...
4492	102 53 33.8	.828	.406	- 0.012	- 0.8	- 0.2	...	9334	10861	2593	27796
4493	102 55 50.4	.858	.403	- 0.013	- 0.5	+ 0.1	...	9336	10864	2595	27800
4494	65 42 47.5	.881	.309	+ 0.015	+ 0.8	...	...	9344	...	2606	...
4495	42 40 0.7	.893	.222	+ 0.008	...	...	...	9349	...	2612	...
4496	106 14 43.0	.913	.412	...	...	...	...	...	...	...	...
4497	109 30 25.0	.936	.420	- 0.008	+ 0.3	+ 0.1	...	9346	...	2597	27827
4498	124 58 27.4	.940	.466	...	...	+ 3.7	8404	...	10875	...	27832
4499	50 1 13.5	.957	.254	+ 0.01	...	...	...	...	...	2613	...
4500	140 23 1.3	.966	.533	...	...	+ 3.1	8400	9343	10879	...	27842
4501	88 45 16.0	.973	.367	...	...	...	...	...	...	...	...
4502	135 22 39.5	- 10.986	- 0.508	...	...	...	...	...	...	...	...
4503	12 39 57.2	- 11.000	+ 0.236	- 0.016	- 0.6	...	...	9383	...	2632	...
4504	52 21 17.8	.999	- 0.265	- 0.003	...	...	...	...	...	2614	...
4505	123 7 49.3	.918	.458	...	...	+ 1.4	8414	...	10884	...	27861
4506	103 9 2.4	.949	.401	+ 0.005	- 1.1	- 0.7	...	9357	...	2608	27872
4507	105 10 27.6	.967	.406	- 0.013	- 1.6	0.0	...	9362	10888	2609	27880
4508	133 21 0.8	.981	.406	...	...	- 2.6	...	...	...	...	27884
4509	160 13 26.9	.164	.408	...	...	+ 0.3	...	9371	...	...	27907
4510	132 49 20.3	.169	.492	...	...	+ 1.6	8417	9370	10893	...	27909
4511	106 24 29.1	.185	.407	...	...	...	...	...	...	...	...
4512	42 29 59.2	.195	.220	...	...	...	...	...	...	...	...
4513	147 8 0.4	.196	.574	+ 0.080	...	+ 1.5	8416	9369	10899	...	27913
4514	42 29 18.4	.201	.220	...	...	...	...	...	...	...	...
4515	106 11 17.4	- 11.225	- 0.406	...	...	+ 0.4	...	9380	...	...	27931

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madrus —	
										Gm. 1880	C.G.A.
						h m s	s	s	s	s	s
4516	...	B.D. — 16°. 5588 ...	9.2	71.92	5	20 16 21.18	+ 3.3952	- 0.0101	...	...	...
4517	7047	Groombridge 3212 ( <i>R.P.L. 588</i> )	7.1	82.73	20	20 17 22.27	- 7.9877	- 1.0461	...	...	...
4518	...	C.P.D. — 31°. 6260 ...	9.0	72.09	5	20 17 32.00	+ 3.7395	- 0.0191	...	...	...
4519	7022	37 Cygni ... .. $\gamma$	2.3	79.68	10	20 17 44.57	+ 2.1516	+ 0.0019	- 0.0009	+ 0.07	...
4520	7027	Groombridge 3154 ...	6.0	78.73	5	20 18 19.06	+ 2.1278	+ 0.0019	...	- 0.11	...
4521	...	C.P.D. — 45°. 0930 ...	8.5	82.70	5	20 18 33.69	+ 4.1785	- 0.0310	...	...	...
4522	7029	39 Cygni ... ..	4.6	78.68	5	20 18 52.08	+ 2.3912	+ 0.0020	+ 0.0025	- 0.04	...
4523	...	C.P.D. — 31°. 6265 ...	7.5	64.89	5	20 18 54.29	+ 3.7346	- 0.0192	...	...	+ 0.15
4524	...	C.P.D. — 40°. 0900 ...	10.0	83.33	5	20 19 34.55	+ 4.0061	- 0.0280	...	...	...
4525	7184	24 Cephei ( <i>Her.</i> ) ...	8.8	72.19	17	20 19 49.22	- 47.1778	- 248674	[ + 0.40 ]	...	...
4526	7031	10 Capricorni ... .. $\pi$	5.2	77.66	5	20 20 9.52	+ 3.4410	- 0.0116	- 0.0009	...	+ 0.07
4527	7036	Piazzi XX. 133 ...	6.3	83.77	5	20 20 45.12	+ 3.8662	- 0.0235	...	...	- 0.06
4528	...	C.P.D. — 43°. 0244 ...	9.5	83.14	5	20 20 56.52	+ 4.1031	- 0.0318	...	...	...
4529	7042	11 Capricorni ... .. $\rho$	5.0	71.77	162	20 21 43.72	+ 3.4309	- 0.0115	- 0.0028	0.00	+ 0.12
4530	7058	69 Aquilæ ... ..	5.2	78.73	5	20 23 7.19	+ 3.1347	- 0.0053	+ 0.0032	+ 0.26	+ 0.22
4531	7057	C.P.D. — 20°. 6318 ...	6.5	83.80	5	20 23 17.30	+ 3.6863	- 0.0184	0.00	0.00	- 0.01
4532	...	Capricorni ... .. $\lambda$	Var.	80.70	10	20 23 33.30	+ 3.3152	- 0.0089	...	...	- 0.11
4533	...	C.P.D. — 35°. 8870 ...	8.7	70.73	5	20 23 41.02	+ 3.8571	- 0.0237	...	...	...
4534	...	C.P.D. — 49°. 11256 ...	8.5	81.75	5	20 23 52.49	+ 4.3253	- 0.0417	...	...	...
4535	...	C.P.D. — 34°. 8747 ...	8.2	72.82	5	20 23 57.80	+ 3.8273	- 0.0229	...	...	...
4536	...	B.D. + 3°. 4852 ...	9.5	65.67	1	20 24 16.19	+ 2.9967	- 0.0031	...	...	...
4537	7067	41 Cygni ... ..	4.1	78.91	5	20 24 17.28	+ 2.4495	+ 0.0021	+ 0.0005	- 0.06	...
4538	7066	Pavonia ... .. $\phi^1$	4.7	79.33	5	20 25 12.78	+ 5.0161	- 0.0774	+ 0.0004	...	+ 0.06
4539	7072	Microscopii ... .. $\nu$	5.1	77.65	5	20 25 19.27	+ 4.1469	- 0.0348	...	...	- 0.05
4540	...	Lalande 39525 ... ..	7.2	65.71	4	20 25 29.13	+ 2.9970	- 0.0031	...	...	...
4541	7085	45 Cygni ... .. $\omega^2$	5.0	79.11	5	20 26 11.27	+ 1.8568	+ 0.0004	0.0000	...	...
4542	7081	Piazzi XX. 180 ...	7.8	83.96	5	20 26 12.64	+ 3.5204	- 0.0141	...	...	- 0.13
4543	...	C.Z. XX. 865 ... ..	9.0	74.60	5	20 26 14.08	+ 4.0631	- 0.0750	...	...	...
4544	...	R.P.L. 141 ... ..	7.4	80.24	20	20 26 24.23	- 8.4948	- 1.2527	...	...	...
4545	...	C.P.D. — 31°. 6207 ...	8.4	68.41	5	20 27 2.07	+ 3.7203	- 0.0200	...	...	...
4546	...	C.Z. XX. 899 ... ..	8.5	72.27	5	20 27 4.37	+ 4.9476	- 0.0747	...	...	...
4547	...	C.P.D. — 44°. 9851 ...	6.8	82.71	5	20 27 13.90	+ 4.1339	- 0.0349	...	...	- 0.07
4548	7088	2 Delphini ... .. $\epsilon$	4.1	83.71	76	20 27 14.42	+ 2.8665	- 0.0013	- 0.0006	- 0.02	...
4549	7091	46 Cygni ... .. $\omega^3$	5.6	79.34	5	20 27 27.19	+ 1.8504	+ 0.0004	+ 0.0014	- 0.09	...
4550	7008	2 Cephei ... .. $\theta$	4.3	80.28	5	20 27 28.90	+ 1.0110	- 0.0153	+ 0.0053	- 0.02	...

4538.—P. M. Stone

4539.—Indi  $\nu$ 

4545.—Apparently large P. M.

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Tayler	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
	α ° ' "	"	"	"	"	"					
4516	106 15 36.1	- 11.230	- 0.405	...	...	...	...	...	...	...	...
4517	5 42 1.4	.314	+ 0.967	...	...	...	...	...	...	...	...
4518	121 9 44.2	.325	- 0.447	...	...	...	...	...	...	...	...
4519	50 8 32.3	.341	.254	- 0.005	- 0.9	...	...	9400	...	2624	...
4520	49 22 21.8	.382	.250	...	- 1.2	...	...	...	...	...	...
4521	135 9 54.5	.400	.405	...	...	...	...	...	...	...	613
4522	58 12 44.0	.422	.282	- 0.012	- 1.2	...	...	9407	...	2625	...
4523	121 4 52.9	.424	.444	...	...	+ 1.6	8441	...	10917	...	28004
4524	130 25 15.2	.472	- 0.474	...	...	...	...	...	...	...	633
4525	1 14 57.5	.490	+ 5.644	- 0.08]	...	...	...	...	...	...	...
4526	108 37 12.0	.514	- 0.406	- 0.012	...	+ 0.8	...	9412	...	2623	28036
4527	126 0 24.0	.557	.456	...	...	+ 3.0	8453	9415	10928	...	28048
4528	133 21 6.3	.570	.484	...	...	...	...	...	...	...	701
4529	108 13 30.6	.626	.403	+ 0.008	- 0.9	+ 0.4	...	9423	10034	2626	28075
4530	93 18 0.2	.726	.366	- 0.003	+ 0.1	+ 1.8	...	9437	10938	2633	28105
4531	119 31 46.5	.737	.531	0.0	- 0.6	+ 0.9	8466	...	10339	3258	28108
4532	102 38 08.8	.756	.387	...	...	- 1.6	...	...	...	...	28116
4533	125 56 29.0	.765	.451	...	...	...	...	...	...	...	...
4534	139 11 21.2	.779	.506	...	...	...	...	...	...	...	794
4535	124 54 52.5	.785	.447	...	...	...	...	...	...	...	796
4536	86 0 09.8	.805	.319	...	...	...	...	...	...	...	...
4537	60 2 51.3	.808	.284	+ 0.001	+ 0.1	...	...	9451	...	2637	...
4538	151 0 3.0	.874	.584	...	...	+ 2.4	8461	9442	10052	...	28140
4539	134 56 17.0	.881	.482	...	...	+ 2.2	8472	9448	10053	...	28141
4540	86 0 18.6	.892	.347	...	...	...	...	...	...	...	...
4541	41 28 3.6	.942	.213	- 0.007	...	...	...	9469	...	2645	...
4542	112 39 12.2	.944	.408	...	...	- 0.7	8486	9464	10952	...	28157
4543	150 24 23.4	.945	- 0.275	...	...	...	...	...	...	...	865
4544	5 18 5.2	- 11.957	+ 1.000	...	...	...	...	...	...	...	...
4545	121 10 28.9	- 12.001	- 0.431	...	...	...	...	...	...	...	...
4546	150 16 7.5	.904	.575	...	...	...	...	...	...	...	899
4547	134 45 57.0	.915	.478	...	...	0.0	8486	...	10972	...	28182
4548	79 7 13.1	.916	.330	+ 0.019	- 0.9	...	...	9473	10070	2642	...
4549	41 12 2.3	.931	.212	+ 0.010	- 1.2	...	...	9479	...	2647	...
4550	27 25 30.6	- 12.033	- 0.113	+ 0.020	- 2.2	...	...	9488	...	2651	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
4551	...	C.P.D. — 31°. 6300 ...	8.3	72.56	10	20 27 54.17	+ 3.7156	— 0.0200	...	...	...	
4552	...	R.P.L. 143 ...	6.7	77.14	60	20 28 7.51	— 8.4867	— 1.2729	...	...	...	
4553	...	C.Z. XX. 945 ...	8.8	69.29	5	20 28 40.42	+ 4.4983	— 0.0515	...	...	+ 0.11	
4554	7096	Indi ...	a	77.64	5	20 28 45.89	+ 4.2437	— 0.0398	— 0.0024	...	— 0.11	
4555	...	C.P.D. — 31°. 6307 ...	9.5	70.25	5	20 29 23.95	+ 3.7127	— 0.0201	...	...	...	
4556	7107	4 Delphini ...	ζ	4.7	79.13	5	20 29 27.76	+ 2.8025	— 0.0005	+ 0.0012	— 0.13	...
4557	7099	Pavonis ...	φ <sup>2</sup>	5.2	79.32	5	20 29 40.53	+ 4.9850	— 0.0786	+ 0.0388	...	— 0.05
4558	7109	70 Aquilæ ...	...	5.3	79.14	5	20 30 12.99	+ 3.1274	— 0.0053	— 0.0003	— 0.01	— 0.08
4559	7106	Pavonis ...	v	5.3	79.37	5	20 30 27.44	+ 5.5914	— 0.1200	0.000	...	— 0.12
4560	...	C.Z. XX. 1009 ...	8.0	68.90	5	20 30 35.17	+ 4.5202	— 0.0535	...	...	...	
4561	7121	6 Delphini ...	β	3.7	78.95	5	20 31 41.24	+ 2.8061	— 0.0005	+ 0.0060	+ 0.02	...
4562	...	C.P.D. — 35°. 8893 ...	9.5	72.49	5	20 31 44.52	+ 3.8297	— 0.0243	...	...	...	
4563	...	C.Z. XX. 1041 ...	8.2	66.56	6	20 31 46.46	+ 4.8900	— 0.0742	...	...	...	
4564	...	C.P.D. — 36°. 9220 ...	7.2	83.80	5	20 31 52.67	+ 3.8512	— 0.0251	...	...	+ 0.04	
4565	7122	71 Aquilæ ...	ι	4.4	79.12	5	20 31 52.89	+ 3.1005	— 0.0049	— 0.0003	— 0.06	— 0.01
4566	...	C.P.D. — 34°. 8770 ...	9.0	73.24	5	20 32 13.18	+ 3.7996	— 0.0234	...	...	...	
4567	7127	14 Capricorni ...	τ <sup>2</sup>	5.3	68.04	5	20 32 16.91	+ 3.3620	— 0.0105	— 0.0012	+ 0.04	— 0.03
4568	...	Lalande 39819 ...	...	8.2	69.44	5	20 32 33.36	+ 3.3622	— 0.0106	...	...	+ 0.09
4569	...	C.Z. XX. 1075 ...	...	8.5	81.78	5	20 32 41.03	+ 5.1334	— 0.0901	...	...	...
4570	7137	8 Delphini ...	θ	6.1	78.93	5	20 32 49.91	+ 2.8320	— 0.0007	— 0.0020	...	...
4571	7134	15 Capricorni ...	v	5.3	75.69	9	20 32 55.88	+ 3.4252	— 0.0122	— 0.0033	+ 0.02	— 0.01
4572	7138	1 Aquarii ...	...	5.4	79.31	5	20 33 0.48	+ 3.0713	— 0.0044	+ 0.0050	...	...
4573	...	Piazzi XX. 223 ...	...	6.4	83.20	4	20 33 2.02	+ 4.0366	— 0.0324	...	...	— 0.17
4574	7129	Pavonis ...	β	3.5	78.90	7	20 33 40.23	+ 5.4986	— 0.1163	— 0.0099	...	+ 0.03
4575	7149	9 Delphini ...	α	4.0	80.39	10	20 33 49.92	+ 2.7824	— 0.0001	+ 0.0032	+ 0.01	...
4576	...	C.P.D. — 41°. 9436 ...	9.0	82.72	5	20 34 34.21	+ 3.9896	— 0.0310	...	...	...	
4577	...	Capricorni ...	S	Var.	66.28	10	20 34 35.26	+ 3.4420	— 0.0128	...	...	...
4578	7155	Brisbane 6905 ...	...	6.7	83.79	5	20 34 41.46	+ 3.9481	— 0.0294	...	...	— 0.08
4579	7154	Indi ...	η	4.7	77.64	5	20 34 51.36	+ 4.4251	— 0.0506	+ 0.015	...	+ 0.30
4580	...	C.P.D. — 38°. 8084 ...	9.0	69.52	5	20 35 28.13	+ 3.8914	— 0.0275	...	...	+ 0.07	
4581	...	C.P.D. — 45°. 10016 ...	8.0	81.76	5	20 35 34.97	+ 4.1207	— 0.0366	...	...	— 0.06	
4582	...	C.P.D. — 34°. 8785 ...	8.9	68.69	3	20 36 28.45	+ 3.7977	— 0.0242	...	...	...	
4583	...	C.P.D. — 33°. 5942 ...	8.4	64.18	2	20 36 37.68	+ 3.7699	— 0.0231	...	...	...	
4584	...	Piazzi XX. 267 ...	...	7.3	83.96	5	20 36 43.68	+ 3.8328	— 0.0255	...	...	+ 0.01
4585	...	C.P.D. — 36°. 9233 ...	8.0	83.53	5	20 37 7.73	+ 3.8395	— 0.0239	...	...	...	





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
4586	7171	50 Cygni ( <i>Demeb</i> ) ...	$\alpha$	1.5	72.76	102	20 37 10.21	+ 2.0435	+ 0.0021	- 0.0006	+ 0.01	...
4587	...	W.B.N. XX. 1935 ...	...	9.0	70.82	12	20 37 18.16	+ 2.7629	+ 0.0002	...	...	...
4588	...	Delphini ...	$\delta$	Var.	65.74	3	20 37 19.36	+ 2.7632	+ 0.0002	...	...	...
4589	...	C.Z. XX. 1224 ...	...	8.0	68.05	6	20 37 24.52	+ 4.7496	- 0.0695	...	...	+ 0.30
4590	7165	Pavonis ( <i>2nd</i> ) ...	$\sigma$	5.5	77.73	5	20 37 26.11	+ 5.7977	- 0.1443	...	...	- 0.06
4591	7173	11 Delphini ...	$\delta$	4.6	78.72	5	20 37 37.44	+ 2.8026	- 0.0003	- 0.0027	+ 0.08	...
4592	...	Piazzi XX. 276 ...	...	6.8	82.80	5	20 38 20.59	+ 3.8366	- 0.0259	...	...	- 0.17
4593	7177	16 Capricorni ...	$\psi$	4.3	78.75	5	20 38 41.51	+ 3.5679	- 0.0169	- 0.0061	...	+ 0.01
4594	...	Brisbane 6912 ...	...	7.0	84.22	4	20 38 48.11	+ 4.1489	- 0.0390	...	...	+ 0.13
4595	...	C.Z. XX. 1275 ...	...	8.8	69.72	5	20 38 57.54	+ 4.4373	- 0.0530	...	...	...
4596	...	Delphini ...	$\zeta$	Var.	75.18	10	20 39 33.86	+ 2.7791	0.0000	...	...	...
4597	...	Anonymous ...	...	10.5	75.71	4	20 39 45.18	+ 2.7793	0.0000	...	...	...
4598	7187	O.A.S. 20841 ...	...	7.2	69.74	5	20 39 52.56	+ 3.5914	- 0.0177	...	...	+ 0.13
4599	7186	Microscopii ( <i>1st</i> ) ...	$\iota$	5.2	78.68	5	20 40 0.33	+ 4.0766	- 0.0360	+ 0.0141	...	+ 0.02
4600	7199	Delphini ( <i>1st</i> ) ...	$\gamma$	5.6	77.66	5	20 40 50.74	+ 2.7857	0.0000	- 0.0033	...	...
4601	7200	12 Delphini ( <i>2nd</i> ) ...	$\gamma$	4.6	77.71	5	20 40 51.52	+ 2.7857	0.0000	- 0.0033	...	...
4602	7196	2 Aquarii ...	$\epsilon$	3.8	81.82	80	20 40 54.46	+ 3.2513	- 0.0084	- 0.0004	- 0.04	- 0.05
4603	7201	3 Aquarii ...	$k$	4.6	77.73	5	20 41 8.44	+ 3.1701	- 0.0065	- 0.0024	0.00	- 0.05
4604	7204	53 Cygni ...	$\epsilon$	2.7	79.33	9	20 41 9.19	+ 2.3971	+ 0.0030	+ 0.0279	- 0.05	...
4605	...	C.P.D. - 42° . 9152 ...	...	8.0	82.90	5	20 41 12.14	+ 3.9959	- 0.0330	...	...	- 0.02
4606	...	W.B.E. XX. 1024 ...	...	8.5	69.91	5	20 41 29.92	+ 3.3522	- 0.0169	...	...	...
4607	...	Anonymous ...	...	9.6	69.64	5	20 41 45.58	+ 3.3500	- 0.0109	...	...	...
4608	7205	Piazzi XX. 305 ...	...	5.7	83.78	5	20 41 52.00	+ 3.5736	- 0.0174	...	- 0.12	- 0.17
4609	7207	Microscopii ...	$\alpha$	5.0	77.74	5	20 42 9.24	+ 3.7638	- 0.0240	0.0000	- 0.10	- 0.18
4610	...	Cygni ...	$\zeta$	Var.	77.89	10	20 42 11.38	+ 2.3891	+ 0.0030	...	- 0.10	...
4611	7215	6 Cephei ( <i>Hev</i> ) ...	...	4.6	79.25	6	20 42 14.80	+ 1.5003	- 0.0045	- 0.0093	- 0.07	...
4612	7208	Indi ...	$\iota$	5.1	78.72	5	20 42 27.11	+ 4.3747	- 0.0512	- 0.0002	...	- 0.09
4613	7213	54 Cygni ...	$\lambda$	4.6	78.95	5	20 42 32.18	+ 2.3342	+ 0.0031	- 0.0069	...	...
4614	7220	3 Cephei ...	$\eta$	3.6	80.54	10	20 42 44.44	+ 1.2164	- 0.0112	+ 0.0133	- 0.16	...
4615	...	Aquarii ...	$\zeta$	Var.	69.80	10	20 43 20.56	+ 3.1716	- 0.0066	...	...	+ 0.02
4616	...	C.P.D. - 41° . 9462 ...	...	7.5	82.95	5	20 43 27.96	+ 3.9626	- 0.0321	...	...	+ 0.05
4617	...	Brisbane 6926 ...	...	7.2	66.11	5	20 43 46.42	+ 4.8339	- 0.0787	...	...	+ 0.04
4618	...	Brisbane 6928 ...	...	7.5	84.40	5	20 44 5.84	+ 4.3716	- 0.0517	...	...	- 0.03
4619	...	C.P.D. - 34° . 8806 ...	...	8.7	66.70	5	20 44 18.50	+ 3.7761	- 0.0248	...	...	...
4620	7227	18 Capricorni ...	$\omega$	4.4	78.71	5	20 44 21.43	+ 3.5942	- 0.0184	- 0.0030	- 0.03	- 0.08

No.	Mean Polar Distance 18750	Annual Precession 18750	Secular Variation 18750	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Awers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4586	45 9 55.8	- 12.700	- 0.226	+ 0.002	- 0.6	...	...	9571	11042	2679	...
4587	73 20 43.8	.709	.307	...	...	...	...	...	...	...	...
4588	73 21 36.4	.710	.307	...	...	...	...	...	...	...	...
4589	148 21 15.1	.716	.532	...	...	+ 3.0	...	...	...	...	28428
4590	159 13 50.1	.718	.649	...	...	+ 1.7	8521	...	11045	...	28430
4591	75 22 20.8	.731	.311	+ 0.040	- 1.3	...	...	9569	...	2678	...
4592	126 34 19.7	.779	.426	...	...	+ 3.5	8540	9570	11050	...	28448
4593	115 43 6.9	.803	.395	+ 0.157	...	+ 1.1	8553	9575	11053	2676	28455
4594	136 18 33.0	.810	.460	...	...	+ 1.0	8547	9573	11054	...	28458
4595	143 0 56.9	.821	.495	...	...	...	...	...	...	...	1275
4596	74 3 15.1	.861	.365	...	...	...	...	...	...	...	...
4597	74 3 12.2	.874	.365	...	...	...	...	...	...	...	...
4598	116 52 15.3	.883	.397	...	...	+ 0.4	8566	...	11061	...	28489
4599	134 26 31.5	.891	.450	+ 0.109	...	+ 1.0	8554	9582	11062	...	28490
4600	74 19 30.1	.917	.304	+ 0.197	...	...	...	9597	...	2685	...
4601	74 19 29.3	.919	.304	+ 0.195	...	...	...	9598	...	2686	...
4602	99 57 7.0	.951	.356	+ 0.026	- 0.6	- 0.3	...	9595	11066	2681	28511
4603	95 29 1.9	.967	.347	+ 0.027	- 1.4	+ 0.1	...	9600	...	2684	28517
4604	56 29 47.6	.968	.261	- 0.331	- 1.9	...	...	9603	...	2689	...
4605	132 10 20.3	.971	.439	...	...	0.0	...	...	...	...	28521
4606	105 21 54.2	- 12.301	.367	...	...	...	...	...	...	...	...
4607	105 15 58.2	- 13.008	.367	...	...	...	...	...	...	...	...
4608	116 14 27.5	.015	.391	...	- 1.6	+ 0.7	8581	9602	11072	...	28539
4609	124 14 25.8	.035	.411	+ 0.04	- 1.6	+ 0.4	8579	9606	11073	...	28544
4610	56 5 3.5	.037	.259	...	- 0.1	...	...	...	...	...	...
4611	32 52 7.2	.041	.159	+ 0.239	+ 1.2	...	...	9620	...	...	...
4612	142 4 17.7	.053	.478	+ 0.06	...	+ 0.8	8567	9604	11074	...	28555
4613	53 58 3.8	.060	.252	- 0.002	...	...	...	9617	...	2692	...
4614	28 38 49.5	.074	.128	- 0.810	- 0.3	...	...	9629	...	2698	...
4615	95 36 33.2	.113	.345	...	...	+ 0.7	...	...	...	...	28570
4616	131 22 14.9	.122	.431	...	...	+ 2.0	8586	...	11081	...	28571
4617	150 10 33.2	.142	.529	...	...	+ 1.0	8571	...	11085	...	28585
4618	142 10 54.3	.163	.475	...	...	+ 2.1	8583	...	11091	...	28596
4619	124 55 43.7	.177	.410	...	...	...	...	...	...	...	...
4620	117 23 6.2	- 13.181	- 0.389	+ 0.007	- 1.5	+ 0.2	8601	9630	11093	2690	28598

No.	Mean Polar Distance 1875.0			Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
	°	'	"				Grn. 1880	C.G.A.					
4586	45	9	55.8	- 12.700	- 0.226	+ 0.002	- 0.6	...	...	9571	11042	2679	...
4587	73	20	43.8	709	307	...	...	...	...	...	...	...	...
4588	73	21	36.4	710	307	...	...	...	...	...	...	...	...
4589	148	21	15.1	716	532	...	...	+ 3.0	...	...	...	...	28428
4590	159	13	50.1	718	649	...	...	+ 1.7	8521	...	11045	...	28430
4591	75	22	20.8	731	311	+ 0.040	- 1.3	...	...	9509	...	2678	...
4592	126	34	19.7	779	326	...	...	+ 3.5	8549	9570	11050	...	28448
4593	115	43	6.9	893	395	+ 0.157	...	+ 1.1	8553	9575	11053	2676	28455
4594	136	18	33.0	810	460	...	...	+ 1.0	8547	9573	11054	...	28458
4595	143	0	56.9	821	495	...	...	...	...	...	...	...	1275
4596	74	3	15.1	861	305	...	...	...	...	...	...	...	...
4597	74	3	12.2	874	305	...	...	...	...	...	...	...	...
4598	116	52	15.3	883	397	...	...	+ 0.4	8566	...	11061	...	28489
4599	134	26	31.5	891	450	+ 0.109	...	+ 1.0	8554	9582	11062	...	28490
4600	74	19	30.1	917	304	+ 0.107	...	...	...	9507	...	2685	...
4601	74	19	29.3	919	304	+ 0.195	...	...	...	9598	...	2686	...
4602	99	57	7.0	951	356	+ 0.026	- 0.6	- 0.3	...	9595	11066	2681	28511
4603	95	29	1.9	967	347	+ 0.027	- 1.4	+ 0.1	...	9600	...	2684	28517
4604	56	29	47.6	968	261	- 0.331	- 1.9	...	...	9603	...	2689	...
4605	132	10	20.3	971	439	...	...	0.0	...	...	...	...	28521
4606	105	21	54.2	- 12.991	367	...	...	...	...	...	...	...	...
4607	105	15	58.2	- 13.008	367	...	...	...	...	...	...	...	...
4608	116	14	27.5	015	391	...	- 1.6	+ 0.7	8581	9602	11072	...	28539
4609	124	14	25.8	035	411	+ 0.04	- 1.6	+ 0.4	8579	9606	11073	...	28544
4610	56	5	3.5	037	259	...	- 0.1	...	...	...	...	...	...
4611	32	52	7.2	041	159	+ 0.239	+ 1.2	...	...	9620	...	...	...
4612	142	4	17.7	053	478	+ 0.06	...	+ 0.8	8567	9604	11074	...	28555
4613	53	58	3.8	060	252	- 0.002	...	...	...	9617	...	2692	...
4614	28	38	40.5	074	128	- 0.810	- 0.3	...	...	9629	...	2698	...
4615	95	36	33.2	113	345	...	...	+ 0.7	...	...	...	...	28570
4616	131	22	14.9	122	431	...	...	+ 2.0	8586	...	11081	...	28571
4617	150	10	33.2	142	529	...	...	+ 1.0	8571	...	11085	...	28585
4618	142	10	54.3	163	475	...	...	+ 2.1	8583	...	11091	...	28596
4619	124	55	43.7	177	410	...	...	...	...	...	...	...	...
4620	117	23	6.2	- 13.181	- 0.380	+ 0.007	- 1.5	+ 0.2	8601	9630	11093	2690	28598

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4621.	...	C.P.D. - 45°. 10043 ...	8.8	83.33	5	20 44 49.60	+ 4.1061	- 0.0387	...	...	...
4622	7228	Indi ... .. $\beta$	3.7	77.89	5	20 45 1.63	+ 4.7399	- 0.0734	- 0.0017	...	+ 0.13
4623	7232	Piazzi XX. 337 ...	7.0	64.86	5	20 45 10.35	+ 3.2838	- 0.0093	...	...	+ 0.01
4624	...	C.P.D. - 51°. 11584 ...	6.6	83.69	5	20 45 38.87	+ 4.3191	- 0.0495	...	...	- 0.04
4625	7230	G Aquarii ... .. $\mu$	4.8	65.48	5	20 45 54.74	+ 3.2390	- 0.0083	+ 0.0008	+ 0.13	+ 0.14
4626	...	C.P.D. - 28°. 7336 ...	6.7	84.24	4	20 46 36.57	+ 3.6122	- 0.0192	...	...	- 0.02
4627	...	Brisbane 6937 ...	7.8	83.80	5	20 46 48.17	+ 4.5352	- 0.0620	...	...	- 0.02
4628	...	Brisbane 6940 ...	7.2	81.74	5	20 47 19.84	+ 4.0701	- 0.0378	...	...	- 0.11
4629	...	Brisbane 6942 ...	8.2	67.46	4	20 48 28.31	+ 4.7215	- 0.0744	...	...	+ 0.25
4630	7253	57 Cygni ... ..	4.6	78.67	5	20 48 49.49	+ 2.1187	+ 0.0031	+ 0.0017	...	...
4631	7256	32 Vulpeculae ...	5.1	72.67	143	20 49 13.95	+ 2.5557	+ 0.0026	- 0.0013	- 0.02	...
4632	...	C.P.D. - 44°. 6918 ...	6.8	82.69	5	20 49 23.09	+ 4.0158	- 0.0374	- 0.0043	...	- 0.23
4633	7261	7 Aquarii ... ..	5.7	84.75	5	20 50 8.64	+ 3.2400	- 0.0087	- 0.0022	...	- 0.04
4634	7265	Brisbane 6940 ...	5.8	81.81	5	20 51 27.16	+ 4.3155	- 0.0517	...	...	- 0.28
4635	7261	76 Draconis ... ..	5.6	81.52	20	20 51 30.86	- 3.9577	- 0.5233	+ 0.0140	+ 0.48	...
4636	...	C.Z. XX. 1659 ...	9.0	67.48	4	20 51 32.66	+ 4.6850	- 0.0739	...	...	...
4637	...	C.Z. XX. 1670 ...	9.0	81.79	5	20 51 57.27	+ 4.8590	- 0.0858	...	...	...
4638	...	C.P.D. - 39°. 8825 ...	8.2	83.15	5	20 52 1.81	+ 3.8697	- 0.0301	...	...	...
4639	...	C.P.D. - 36°. 9282 ...	6.4	68.72	5	20 52 5.98	+ 3.7985	- 0.0272	...	...	- 0.68
4640	...	C.P.D. - 36°. 9283 ...	8.5	67.51	5	20 52 18.10	+ 3.7974	- 0.0272	...	...	...
4641	7277	58 Cygni ... .. $\nu$	4.1	78.75	5	20 52 30.63	+ 2.2334	+ 0.0038	0.0000	...	...
4642	7281	Cephei ... .. $\chi$	6.1	78.69	5	20 52 56.38	+ 1.0058	- 0.0026	- 0.0001	...	...
4643	...	C.P.D. - 36°. 9287 ...	7.2	65.09	5	20 53 0.65	+ 3.7939	- 0.0272	...	...	- 0.09
4644	...	Brisbane 6955 ...	8.0	82.97	5	20 53 3.54	+ 3.8670	- 0.0302	...	...	- 0.15
4645	7299	Radcliffe 5066 ...	5.4	79.92	5	20 53 12.16	- 2.4980	- 0.3055	- 0.0119	+ 0.72	...
4646	7280	Microscopii ... .. $\gamma$	4.8	78.94	5	20 53 37.18	+ 3.6968	- 0.0235	- 0.0017	...	0.00
4647	...	C.P.D. - 33°. 6017 ...	7.0	83.78	5	20 53 43.77	+ 3.7119	- 0.0240	...	...	- 0.05
4648	...	C.P.D. - 52°. 11812 ...	9.4	67.93	5	20 54 45.63	+ 4.3526	- 0.0553	...	...	...
4649	7292	Microscopii ... .. $\zeta$	5.5	77.64	5	20 54 58.95	+ 3.8577	- 0.0303	- 0.0031	...	+ 0.01
4650	...	C.P.D. - 52°. 11815 ...	7.8	83.76	5	20 55 26.02	+ 4.3226	- 0.0538	...	...	- 0.16
4651	7298	Indi ... .. $\mu$	5.2	77.67	5	20 56 1.72	+ 4.4568	- 0.0620	...	...	- 0.04
4652	...	C.P.D. - 38°. 8177 ...	8.5	82.70	5	20 56 13.57	+ 3.8235	- 0.0291	...	...	- 0.04
4653	...	C.P.D. - 37°. 8951 ...	7.2	83.20	5	20 57 13.65	+ 3.8123	- 0.0288	...	...	+ 0.67
4654	7305	22 Capricorni ... .. $\eta$	5.2	78.91	5	20 57 17.33	+ 3.4269	- 0.0143	- 0.0050	...	0.00
4655	7309	12 Aquarii ... ..	5.8	78.77	5	20 57 27.91	+ 3.1780	- 0.0071	- 0.0003	...	+ 0.02

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4621	135 47 10.9	- 13.212	- 0.444	...	...	...	...	...	...	...	1689
4622	148 55 26.3	.225	.514	+ 0.012	...	+ 1.7	8584	9628	11097	...	28615
4623	101 54 21.4	.234	.355	...	...	- 1.7	...	9633	...	...	28617
4624	141 11 47.1	.266	.466	...	...	- 2.6	8598	...	11103	...	28628
4625	99 27 3.5	.282	.349	+ 0.031	- 0.7	+ 0.3	...	9644	11107	2696	28640
4626	118 23 46.6	.329	.388	...	...	+ 2.4	8616	...	11115	...	28656
4627	145 41 42.8	.341	.488	...	...	+ 3.2	8605	...	11120	...	28658
4628	135 2 56.5	.375	.436	...	...	+ 2.2	...	...	11123	...	28672
4629	148 58 19.6	.459	.507	...	...	+ 0.9	...	...	...	...	28691
4630	46 5 5.6	.473	.223	+ 0.014	...	...	...	9671	...	2710	...
4631	62 25 1.0	.489	.270	- 0.004	+ 0.2	...	...	9673	11131	2709	...
4632	134 34 27.2	.509	.430	+ 0.091	...	+ 2.5	8620	9666	11134	...	28703
4633	100 10 32.1	.558	.444	+ 0.007	...	+ 0.6	...	9679	...	2706	28715
4634	141 45 16.7	.642	- 0.455	...	...	+ 5.1	8624	9685	11140	...	28735
4635	7 56 1.5	.647	+ 0.429	- 0.017	+ 1.3	...	...	...	...	2754	...
4636	118 43 22.1	.648	- 0.497	...	...	...	...	...	...	...	1659
4637	151 17 36.8	.674	.512	...	...	...	...	...	...	...	1670
4638	129 12 23.7	.679	.497	...	...	...	...	...	...	...	...
4639	126 36 42.0	.683	.400	...	...	+ 0.1	8630	...	11144	...	28745
4640	126 35 32.1	.696	.400	...	...	...	...	...	...	...	1679
4641	49 18 46.0	.710	.232	+ 0.016	...	...	...	9704	...	2724	...
4642	33 35 35.9	.737	.165	+ 0.022	...	...	...	9713	...	2727	...
4643	126 32 32.8	.741	.398	...	...	+ 2.6	8635	...	11149	...	28764
4644	129 13 22.1	.745	- 0.405	...	...	+ 3.7	8633	...	11150	...	28766
4645	9 55 3.8	.753	+ 0.271	+ 0.036	+ 0.1	...	...	...	...	2749	...
4646	122 44 40.4	.780	- 0.385	0.000	...	+ 0.3	8639	9706	11155	2714	28782
4647	123 22 57.6	.788	.387	...	...	+ 1.2	8642	...	11156	...	28786
4648	142 56 41.6	.853	.455	...	...	...	...	...	...	...	...
4649	129 7 5.4	.866	.400	+ 0.137	...	+ 2.4	8653	9720	11171	...	28821
4650	142 23 13.2	.896	.448	...	...	- 1.4	8645	...	11175	...	28833
4651	145 13 10.3	.933	.462	...	...	+ 0.6	8618	9724	11183	...	28844
4652	128 1 15.4	- 13.945	.395	...	...	- 1.4	...	...	...	...	28850
4653	127 43 24.2	- 14.008	.392	...	...	+ 1.8	8667	...	11186	...	28877
4654	110 20 51.5	.012	.332	+ 0.037	...	+ 0.6	...	9740	11187	2729	28879
4655	96 19 0.2	- 14.023	- 0.325	- 0.003	...	+ 0.3	...	9742	...	2780	28885

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madrns -	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4656	7304	C.Z. XX. 1825 ...	6.8	81.76	5	20 57 36.91	+ 4.7596	- 0.0827	...	...	0.00
4657	...	C.P.D. - 49°. 11361 ...	7.5	84.00	5	20 57 39.18	+ 4.1716	- 0.0464	...	...	- 0.22
4658	7307	Brisbane 6967 ...	...	5.8	81.80	5	20 58 8.02	+ 5.0638	- 0.1061	...	+ 0.04
4659	7314	Microscopi ...	$\eta$	5.6	79.55	6	20 58 17.12	+ 3.9262	- 0.0341	- 0.002	- 0.04
4660	...	C.P.D. - 30°. 6426 ...	9.0	68.33	5	20 58 25.25	+ 3.6303	- 0.0215	...	...	...
4661	7316	Microscopi ...	$\delta$	5.6	68.15	5	20 58 28.15	+ 3.6355	- 0.0218	...	+ 0.04
4662	7319	2 Piscis Australis ...	5.2	78.71	5	20 58 46.02	+ 3.6857	- 0.0239	- 0.0049	...	+ 0.11
4663	...	Vulpeculae ...	$R$	Var.	71.36	6	20 58 49.48	+ 2.6625	+ 0.0022	...	- 0.12
4664	7322	23 Capricorni ...	$\theta$	4.3	81.50	55	20 58 55.09	+ 3.3758	- 0.0128	+ 0.0040	+ 0.01
4665	...	B.D. + 23°. 4231 ...	9.5	65.29	4	20 58 55.27	+ 2.6626	+ 0.0022	...	...	0.00
4666	...	C.Z. XX. 1883 ...	9.0	69.72	5	20 59 26.66	+ 4.6392	- 0.0757	...	...	...
4667	...	C.Z. XX. 1891 ...	9.0	81.14	5	20 59 35.17	+ 4.7823	- 0.0859	...	...	...
4668	7328	24 Capricorni ...	$A$	4.6	80.27	9	20 59 48.81	+ 3.5236	- 0.0178	- 0.0049	+ 0.02
4669	7333	62 Cygni ...	$\xi$	3.7	79.11	5	21 0 22.95	+ 2.1788	+ 0.0042	+ 0.0001	- 0.16
4670	...	C.P.D. - 38°. 8195 ...	9.2	67.66	5	21 0 24.68	+ 3.8359	- 0.0306	...	...	...
4671	7329	Brisbane 6978 ...	...	6.9	81.79	5	21 0 43.04	+ 4.6986	- 0.0806	+ 0.004	- 0.25
4672	...	Yarnall 9228 ...	...	8.0	70.31	5	21 1 13.09	+ 3.6159	- 0.0215	...	+ 0.06
4673	...	Brisbane 6980 (1st) ...	...	7.5	65.10	5	21 1 15.98	+ 4.4188	- 0.0624	...	- 0.11
4674	...	Brisbane 6980 (2nd) ...	...	7.2	68.92	5	21 1 16.22	+ 4.4188	- 0.0624	...	- 0.06
4675	7336	61 Cygni (1st) ...	...	5.5	71.17	20	21 1 17.66	+ 2.3342	+ 0.0044	+ 0.3492	- 0.03
4676	7337	61 Cygni (2nd) ...	...	6.3	78.44	18	21 1 19.25	+ 2.3344	+ 0.0044	+ 0.3497	+ 0.01
4677	7335	25 Capricorni ...	$\chi$	5.3	78.94	5	21 1 23.87	+ 3.4160	- 0.0154	- 0.0004	+ 0.06
4678	...	C.P.D. - 41°. 9957 ...	6.8	83.79	5	21 1 26.72	+ 4.0022	- 0.0388	...	...	+ 0.10
4679	7331	Pavonis ...	$\sigma$	5.0	80.35	5	21 1 34.90	+ 5.7132	- 0.1714	+ 0.002	+ 0.07
4680	...	C.P.D. - 29°. 6484 ...	9.2	71.13	5	21 1 51.27	+ 3.6128	- 0.0214	...	...	...
4681	...	C.P.D. - 30°. 6439 ...	9.3	71.92	5	21 1 52.44	+ 3.6136	- 0.0215	...	...	...
4682	7345	63 Cygni ...	$f^2$	5.1	79.30	5	21 2 17.61	+ 2.0635	+ 0.0037	+ 0.0013	- 0.19
4683	...	C.P.D. - 31°. 6457 ...	9.0	80.75	5	21 2 32.68	+ 3.6339	- 0.0223	...	...	- 0.01
4684	7344	13 Aquarii ...	$\nu$	4.6	65.65	12	21 2 47.02	+ 3.2687	- 0.0098	+ 0.0019	0.00
4685	...	Anonymous ...	...	9.5	66.74	5	21 3 42.95	+ 4.4024	- 0.0626	...	...
4686	...	C.P.D. - 38°. 8211 ...	8.5	82.74	5	21 3 43.51	+ 3.8110	- 0.0301	...	...	...
4687	...	B.D. - 10°. 5619 ...	8.0	84.79	5	21 3 58.95	+ 3.2490	- 0.0096	...	...	...
4688	7350	5 Equulei ...	$\gamma$	4.8	78.72	5	21 4 15.81	+ 2.9148	- 0.0012	+ 0.0022	...
4689	...	C.P.D. - 31°. 6439 ...	8.0	80.75	5	21 4 35.24	+ 3.6309	- 0.0226	...	...	- 0.01
4690	...	C.Z. XXI 159 ..	...	8.0	65.73	4	21 5 0.62	+ 4.4832	- 0.0385	...	+ 0.16

4690.--Apparently large P. M.

No.	Mean Polar Distance 1875-0	Annual Precession 1875-0	Secular Variation 1875-0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4656	150 29 21.2	- 11.033	- 0.490	...	...	+ 3.6	8656	9734	11192	...	28887
4657	139 1 18.2	.035	.429	...	...	+ 1.8	8664	...	11191	...	28890
4658	154 25 44.6	.065	.521	...	...	+ 4.1	8654	...	11195	...	28900
4659	131 52 58.0	.074	.402	+ 0.05	...	+ 0.2	8675	9745	11196	...	28904
4660	120 22 44.4	.083	.372	...	...	...	...	...	...	...	1848
4661	120 37 11.6	.086	.373	...	...	+ 1.2	8683	9751	11198	...	28907
4662	122 50 22.1	.104	.376	+ 0.009	...	- 1.6	8685	9753	11202	2731	28918
4663	66 40 27.9	.108	.271	...	+ 1.4	...	...	...	...	...	...
4664	107 43 42.2	.113	.314	+ 0.054	0.0	+ 0.7	...	9759	11204	2733	28921
4665	66 40 13.2	.113	.270	...	...	...	...	...	...	...	...
4666	148 50 3.2	.146	.476	...	...	...	...	...	...	...	1883
4667	151 1 33.2	.155	.488	...	...	...	...	...	...	...	1891
4668	115 30 13.6	.169	.358	+ 0.013	- 1.9	- 0.7	8689	9764	11214	2737	28951
4669	46 34 9.8	.204	.218	+ 0.004	- 2.8	...	...	9775	...	2746	...
4670	128 58 52.8	.205	.300	...	...	...	...	...	...	...	...
4671	149 54 42.7	.226	.477	- 0.03	...	+ 2.1	8680	9765	11222	...	28967
4672	120 2 9.1	.256	.366	...	...	+ 0.5	...	...	...	...	28984
4673	145 4 49.8	.258	.449	...	...	+ 2.0	8687	9772	11225	...	28986
4674	145 4 40.8	.258	.449	...	...	+ 0.3	8687	9772	11225	...	28987
4675	51 51 51.5	.260	.233	- 3.240	- 0.4	...	...	9784	...	2744	...
4676	51 51 59.9	.262	.233	- 3.033	0.0	...	...	9785	...	2745	...
4677	111 41 40.0	.267	.317	+ 0.053	- 0.4	+ 0.2	...	9778	...	2741	28990
4678	134 42 49.9	.270	.401	...	...	+ 0.4	8695	...	11227	...	28991
4679	160 38 1.8	.279	.582	+ 0.039	...	+ 0.2	8698	...	11230	...	28995
4680	119 57 47.1	.295	.365	...	...	...	...	...	...	...	...
4681	120 0 1.1	.296	.364	...	...	...	...	...	...	...	...
4682	42 51 11.5	.322	.265	+ 0.014	- 0.5	...	...	9798	...	2750	...
4683	120 59 58.2	.337	.365	...	...	+ 1.1	...	...	...	...	29017
4684	101 52 35.5	.352	.328	+ 0.004	- 0.7	+ 0.4	...	9705	11238	2747	29024
4685	145 4 5.8	.408	.443	...	...	...	...	...	...	...	...
4686	128 28 2.9	.409	.383	...	...	...	...	...	...	...	...
4687	100 43 2.2	.425	.323	...	...	...	...	...	...	...	...
4688	80 22 14.5	.442	.289	+ 0.167	...	...	...	9808	11242	2761	...
4689	121 5 52.1	.462	.361	...	...	- 0.6	...	...	...	...	29058
4690	116 45 53.6	- 11.487	- 0.148	...	...	+ 5.3	8712	...	11250	...	29072

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
4691	7353	Brisbane 6987 ...	...	5.2	83.75	5	h m s 21 5 2.93	+ 3.8459	- 0.0320	...	...	+ 0.02
4692	...	C.Z. XXI. 221 ...	...	7.5	81.81	5	21 7 20.36	+ 4.3967	- 0.0639	...	...	- 0.06
4693	7368	64 Cygni ...	...	ζ	3.5	173	21 7 36.96	+ 2.5509	+ 0.0038	- 0.0012	- 0.05	...
4694	...	C.Z. XXI. 242 ...	...	7.5	81.75	5	21 7 51.92	+ 4.7525	- 0.0895	...	...	+ 0.08
4695	7372	7 Equulei ...	...	δ	4.6	5	21 8 23.60	+ 2.9199	- 0.0012	+ 0.0012	...	...
4696	7377	Groombridge 3415 ...	...	5.5	78.92	6	21 8 37.03	+ 1.5304	- 0.0040	- 0.0019	- 0.17	...
4697	...	C.Z. XXI. 266 ...	...	8.0	81.81	5	21 8 48.68	+ 4.8997	- 0.1019	...	...	...
4698	7374	29 Capricorni ...	...	5.5	77.64	5	21 8 49.55	+ 3.3273	- 0.0119	+ 0.0002	- 0.19	- 0.03
4699	...	Anonymous ...	...	7.6	74.56	5	21 8 53.87	+ 3.4168	- 0.0149	...	...	...
4700	...	C.P.D. - 30°. 6471 ...	...	9.5	80.70	5	21 9 10.56	+ 3.6128	- 0.0225	...	...	...
4701	7375	Brisbane 6999 ...	...	6.6	83.75	5	21 9 21.01	+ 4.1231	- 0.0480	...	...	- 0.16
4702	7380	8 Equulei ...	...	α	4.1	5	21 9 34.52	+ 2.9973	- 0.0028	+ 0.0026	+ 0.03	...
4703	7385	65 Cygni ...	...	τ	3.9	5	21 9 47.91	+ 2.3781	+ 0.0050	+ 0.0127	- 0.18	...
4704	...	C.P.D. - 39°. 8920 ...	...	7.3	82.70	5	21 9 56.07	+ 3.8132	- 0.0316	[- 0.285]	...	- 0.06
4705	7386	Microscopii ...	...	ε	4.8	5	21 10 21.25	+ 3.6509	- 0.0242	+ 0.0028	- 0.07	- 0.14
4706	...	Brisbane 7000 ...	...	7.8	69.28	5	21 10 35.84	+ 4.3625	- 0.0634	...	...	+ 0.01
4707	7388	Indi ...	...	θ	4.6	5	21 10 56.47	+ 4.3085	- 0.0599	...	...	- 0.13
4708	...	C.P.D. - 39°. 8924 ...	...	9.6	66.70	5	21 11 43.24	+ 3.8103	- 0.0320	...	...	...
4709	7398	67 Cygni ...	...	σ	4.3	5	21 12 30.33	+ 2.3529	+ 0.0053	- 0.0009	- 0.09	...
4710	7397	Microscopii ...	...	θ <sup>1</sup>	5.0	5	21 12 45.53	+ 3.8563	- 0.0345	+ 0.0055	...	- 0.03
4711	7399	66 Cygni ...	...	υ	4.4	5	21 12 46.66	+ 2.4626	+ 0.0049	- 0.0005	- 0.06	...
4712	...	Pinzzi XXI. 78 ...	...	6.7	83.76	5	21 14 23.56	+ 3.5764	- 0.0217	...	...	- 0.07
4713	...	C.P.D. - 38°. 8240 ...	...	9.5	71.08	5	21 14 29.85	+ 3.7869	- 0.1315	...	...	...
4714	...	Brisbane 7012 ...	...	8.2	66.95	5	21 14 56.61	+ 4.7113	- 0.0917	...	...	+ 0.24
4715	...	C.P.D. - 35°. 9053 ...	...	7.8	68.33	5	21 15 0.28	+ 3.6997	- 0.0274	...	...	+ 0.08
4716	...	Capricorni ...	...	T Var.	69.08	10	21 15 2.26	+ 3.3188	- 0.0120	...	...	...
4717	...	O.A.S. 21345 ...	...	7.3	80.69	5	21 15 14.99	+ 3.5798	- 0.0220	...	...	+ 0.08
4718	7407	32 Capricorni ...	...	ι	4.4	14	21 15 17.03	+ 3.3476	- 0.0130	- 0.0003	- 0.05	...
4719	7416	5 Cephei ( <i>Alderamin</i> ) ...	...	α	2.6	20	21 15 35.65	+ 1.4154	- 0.0071	+ 0.0205	+ 0.04	...
4720	...	C.P.D. - 40°. 9530 ...	...	9.0	68.72	5	21 15 42.05	+ 3.8153	- 0.0331	...	...	+ 0.07
4721	7409	Pavonis ...	...	γ	4.2	10	21 16 4.88	+ 5.0349	- 0.1203	+ 0.0110	...	+ 0.03
4722	...	C.P.D. - 40°. 9535 ...	...	7.8	82.75	5	21 16 8.90	+ 3.8224	- 0.0335	...	...	+ 0.06
4723	7418	1 Pegasi ...	...	...	4.3	5	21 16 18.24	+ 2.7660	+ 0.0019	+ 0.0064	- 0.13	...
4724	7414	Microscopii ...	...	θ <sup>2</sup>	5.9	5	21 16 26.17	+ 3.8476	- 0.0350	...	...	- 0.18
4725	7428	6 Cephei ...	...	...	5.3	5	21 16 46.24	+ 1.2533	- 0.0124	- 0.0008	- 0.11	...



No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4691	129 55 58.7	- 16.190	- 0.382	...	...	+ 3.7	8719	9809	11249	...	29075
4692	115 22 29.5	.628	.433	...	...	+ 4.3	8730	...	...	...	29128
4693	60 17 6.1	.614	.248	+ 0.053	+ 0.3	...	...	9838	11269	2760	...
4694	151 30 19.6	.662	.467	...	...	+ 1.7	8728	...	11273	...	29145
4695	80 29 53.5	.690	.284	+ 0.289	...	...	...	9842	11274	2761	...
4696	30 31 38.0	.703	.145	+ 0.008	+ 1.3	...	...	9852	...	...	...
4697	153 34 16.2	.715	.479	...	...	...	...	...	...	...	266
4698	165 41 23.7	.717	.324	- 0.010	+ 0.9	+ 2.1	...	9844	11276	2759	29169
4699	110 47 20.9	.721	.333	...	...	...	...	...	...	...	...
4700	120 48 19.2	.737	.352	...	...	...	...	...	...	...	274
4701	139 14 9.1	.747	.462	...	...	+ 0.5	8743	9843	11282	...	29180
4702	85 16 3.0	.761	.290	+ 0.082	- 1.7	...	...	9851	11283	2764	...
4703	52 29 12.7	.774	.228	- 0.436	- 2.3	...	...	9859	...	2767	...
4704	129 20 54.5	.780	.370	[ + 1.26 ]	...	+ 1.0	8760	...	11285	...	29191
4705	122 41 36.4	.807	.353	+ 0.036	- 1.3	0.0	8761	9854	11290	2762	29200
4706	145 4 58.7	.821	.425	...	...	+ 1.6	8748	...	11293	...	29205
4707	143 58 17.7	.841	.417	...	...	+ 0.9	8753	9857	11299	...	29216
4708	129 20 12.9	.886	.368	...	...	...	...	...	...	...	...
4709	51 7 42.8	.933	.223	+ 0.013	+ 0.4	...	...	9881	...	2769	...
4710	131 20 11.9	.947	.369	+ 0.009	...	+ 0.7	8773	9875	11313	...	29248
4711	55 37 38.0	- 14.049	.231	+ 0.004	+ 0.2	...	...	9883	...	2770	...
4712	119 41 44.8	- 15.013	.339	...	...	+ 0.2	8787	9889	11326	...	29281
4713	128 57 35.0	.049	.360	...	...	...	...	...	...	...	...
4714	151 43 15.0	.074	.450	...	...	+ 2.0	...	...	11328	...	29269
4715	125 26 38.2	.078	.351	...	...	+ 0.7	...	...	...	...	29290
4716	105 37 25.3	.079	.314	...	...	...	...	...	...	...	...
4717	119 57 58.1	.092	.338	...	...	- 0.7	8790	...	11329	...	29294
4718	107 21 55.7	.094	.316	- 0.013	- 1.4	...	...	9897	11330	2772	...
4719	27 56 37.4	.112	.130	- 0.013	+ 0.3	...	...	9911	...	2786	...
4720	130 13 22.2	.118	.361	...	...	+ 1.1	...	...	...	...	29302
4721	155 55 49.2	.140	.475	- 0.789	...	+ 2.0	8778	9895	11336	...	29309
4722	130 34 46.1	.144	.358	...	...	+ 1.1	...	...	...	...	29310
4723	70 43 46.2	.153	.257	- 0.066	- 0.5	...	...	9909	...	2780	...
4724	131 32 28.5	.160	.360	...	...	+ 2.2	8793	9902	11337	...	29314
4725	25 39 28.5	- 15.179	- 0.112	- 0.016	+ 0.1	...	...	9921	...	2788	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4726	7425	33 Capricorni ...	5.6	83.76	5	21 17 4.01	+ 3.4138	- 0.0154	- 0.0032	...	- 0.04
4727	7423	Indi ... $\gamma$	6.2	77.75	5	21 17 19.46	+ 4.3265	- 0.0642	- 0.0029	...	- 0.29
4728	...	C.Z. XXI. 562 ...	9.5	81.77	5	21 17 59.13	+ 4.6648	- 0.0900	...	...	...
4729	...	C.P.D. - 44°. 10016 ...	9.0	81.75	5	21 18 7.17	+ 3.9159	- 0.0392	...	...	- 0.17
4730	...	Anonymous ...	8.3	82.84	4	21 18 10.86	+ 4.7486	- 0.1000	...	...	...
4731	...	C.Z. XXI. 573 ...	8.0	81.80	5	21 18 22.29	+ 4.5674	- 0.0825	...	...	...
4732	...	C.P.D. - 42°. 9274 ...	8.5	82.73	5	21 18 50.58	+ 3.8675	- 0.0366	...	...	+ 0.03
4733	...	C.Z. XXI. 605 ...	9.0	68.12	5	21 19 27.12	+ 4.8264	- 0.1050	...	...	...
4734	7443	Brisbane 7022 ...	7.2	65.12	5	21 19 28.21	+ 4.2093	- 0.0575	...	...	- 0.15
4735	7445	34 Capricorni ... $\zeta$	3.8	77.68	5	21 19 31.66	+ 3.4370	- 0.0167	- 0.0017	...	+ 0.05
4736	...	C.Z. XXI. 647 ...	8.0	66.15	5	21 20 56.27	+ 4.5994	- 0.0871	...	...	...
4737	...	C.Z. XXI. 649 ...	7.0	83.77	5	21 21 1.81	+ 4.7289	- 0.0977	...	...	+ 0.10
4738	7460	36 Capricorni ... $b$	4.5	78.73	5	21 21 35.78	+ 3.4226	- 0.0102	+ 0.0077	...	+ 0.22
4739	...	C.Z. XXI. 669 ...	8.5	80.53	4	21 21 37.05	+ 4.4055	- 0.0723	...	...	+ 0.17
4740	...	C.P.D. - 38°. 8259 ...	7.2	82.76	5	21 21 44.01	+ 3.7527	- 0.0314	...	...	+ 0.11
4741	...	C.P.D. - 38°. 8261 ...	8.2	69.31	5	21 21 51.83	+ 3.7588	- 0.0316	...	...	+ 0.01
4742	...	C.Z. XXI. 685 ...	8.0	79.21	5	21 22 0.79	+ 4.4070	- 0.0722	...	...	+ 0.02
4743	...	C.P.D. - 37°. 9048 ...	6.9	68.31	5	21 23 16.29	+ 3.7109	- 0.0295	...	...	- 0.10
4744	...	C.P.D. - 20°. 8161 ...	9.4	69.10	5	21 23 34.98	+ 3.3815	- 0.0147	...	...	...
4745	7464	Brisbane 7031 ...	7.5	81.74	5	21 23 37.15	+ 4.4473	- 0.0845	...	...	+ 0.03
4746	7471	Gruis ... $\xi$	5.4	78.76	5	21 24 10.86	+ 3.8218	- 0.0356	...	...	+ 0.16
4747	7504	Groombridge 3548 ( <i>R.P.J. 149</i> )	7.4	82.02	20	21 24 12.47	- 10.7281	- 3.0447	...	+ 1.09	...
4748	7480	71 Cygni ... $g$	5.3	78.94	5	21 24 50.17	+ 2.2052	+ 0.0064	+ 0.0031	...	...
4749	7478	22 Aquarii ... $\beta$	3.1	72.87	204	21 24 58.64	+ 3.1619	- 0.0071	- 0.0005	+ 0.02	0.00
4750	...	B.D. + 45°. 3559 ...	6.7	79.51	5	21 24 59.54	+ 2.2093	+ 0.0065	...	...	...
4751	...	C.P.D. - 45°. 10158 ...	5.6	83.75	5	21 25 17.01	+ 3.9194	- 0.0416	- 0.005	...	- 0.02
4752	...	C.Z. XXI. 807 ...	7.2	81.80	4	21 25 56.02	+ 4.7436	- 0.1032	...	...	- 0.08
4753	...	C.P.D. - 50°. 11576 ...	8.8	66.93	5	21 26 33.94	+ 4.0732	- 0.0516	...	...	+ 1.00
4754	...	C.Z. XXI. 828 ...	8.5	81.79	4	21 26 43.53	+ 4.3839	- 0.0738	...	...	...
4755	7493	8 Cephei ... $\beta$	3.4	68.80	10	21 27 2.54	+ 0.7972	- 0.0345	+ 0.0008	+ 0.21	...
4756	7495	Groombridge 3489 ...	5.4	78.80	5	21 27 33.17	+ 1.6482	- 0.0009	...	- 0.09	...
4757	...	C.P.D. - 42°. 9296 ...	9.0	69.33	5	21 27 46.65	+ 3.8299	- 0.0371	...	...	+ 0.19
4758	7486	Brisbane 7043 ...	6.3	83.70	5	21 28 2.66	+ 4.8681	- 0.1166	- 0.002	...	- 0.16
4759	...	C.P.D. - 44°. 10057 ...	8.0	82.73	5	21 28 30.84	+ 3.8761	- 0.0398	...	...	- 0.02
4760	7500	8 Piscis Australis ...	5.8	78.95	5	21 28 55.97	+ 3.4845	- 0.0197	+ 0.0061	+ 0.09	+ 0.04

4726.—Red

4753.—Probably large P. M.

No.	Mean Polar Distance 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4726	111 22 55.2	- 15.196	- 0.318	+ 0.115	...	+ 0.4	...	9915	11343	2778	29326
4727	145 11 55.7	.211	.404	- 0.024	...	- 0.1	8792	9908	11347	...	29331
4728	151 24 1.4	.249	.434	...	...	...	...	...	...	...	562
4729	134 11 15.2	.256	.364	...	...	- 0.2	...	...	...	...	29348
4730	152 38 23.7	.260	.442	...	...	...	...	...	...	...	...
4731	149 54 9.8	.270	.425	...	...	...	...	...	...	...	573
4732	132 36 44.6	.297	.358	...	...	- 1.8	...	...	...	...	29365
4733	153 49 45.0	.330	.448	...	...	...	...	...	...	...	605
4734	142 50 34.6	.333	.391	...	...	0.0	8807	9931	11361	...	29380
4735	112 57 6.0	.336	.316	- 0.026	...	+ 1.1	8815	9934	11360	2785	29382
4736	150 45 1.6	.414	.425	...	...	...	...	...	...	...	647
4737	152 42 37.9	.421	.431	...	...	+ 5.5	8810	...	11367	...	29407
4738	112 21 0.2	.452	.311	+ 0.012	...	+ 0.1	...	9958	...	2790	29426
4739	147 24 57.7	.453	.402	...	...	+ 1.1	...	...	...	...	29428
4740	128 37 44.7	.460	.342	...	...	+ 0.9	8823	...	11371	...	29430
4741	128 53 28.4	.466	.343	...	...	+ 3.8	...	...	...	...	29438
4742	147 30 8.6	.476	.402	...	...	+ 2.5	...	...	...	...	29446
4743	127 5 43.1	.515	.336	...	...	+ 1.3	8829	...	11380	...	29470
4744	110 4 30.8	.561	.305	...	...	...	...	...	...	...	...
4745	150 14 50.8	.565	.411	...	...	+ 2.4	8826	9965	11383	...	29475
4746	131 43 43.5	.595	- 0.343	...	...	+ 0.9	8833	9975	11384	...	29482
4747	3 29 3.8	.597	+ 0.990	...	+ 1.4	...	...	...	...	...	...
4748	44 0 35.0	.631	- 0.195	- 0.097	...	...	...	9986	...	2799	...
4749	96 7 11.9	.639	.282	- 0.001	- 0.5	+ 0.3	...	9981	11389	2797	29491
4750	44 7 14.7	.640	.195	...	...	...	...	...	...	...	...
4751	135 23 59.7	.656	.350	0.00	...	+ 2.6	8838	...	11390	...	29495
4752	153 31 18.2	.691	.424	...	...	+ 5.4	8831	...	11394	...	29505
4753	140 20 33.7	.725	.363	...	...	- 1.5	...	...	...	...	29519
4754	147 42 37.5	.735	.389	...	...	...	...	...	...	...	828
4755	19 59 15.6	.751	.065	+ 0.007	- 0.6	...	...	10012	...	2811	...
4756	30 5 29.0	.779	.141	...	+ 1.3	...	...	...	...	...	...
4757	132 35 25.1	.791	.339	...	...	+ 0.5	...	...	...	...	29541
4758	155 22 55.7	.806	.430	0.00	...	+ 2.4	8842	...	11403	...	29552
4759	134 24 17.3	.831	.340	...	...	+ 1.6	...	...	...	...	29565
4760	116 43 40.1	- 15.854	- 0.304	+ 0.025	0.0	- 0.4	8853	10013	11408	2802	29577

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Annual Proper Motion	Madras -		
										Grn. 1880	C.G.A.	
4761	7503	73 Cygni ... ..	$\rho$	4.2	78.95	5	21 29 16.59	+ 2.2538	+ 0.0071	- 0.0034	- 0.20	...
4762	...	C.P.D. - 44°. 10061	...	9.4	70.59	6	21 29 32.95	+ 3.8610	- 0.0894	...	...	...
4763	7506	39 Capricorni ...	$\epsilon$	4.5	77.65	5	21 30 4.66	+ 3.3687	- 0.0148	- 0.0009	...	- 0.01
4764	...	C.P.D. - 48°. 9484	...	8.5	69.14	5	21 30 11.72	+ 3.8572	- 0.0894	...	...	+ 0.03
4765	...	C.P.D. - 37°. 9067	...	8.0	69.89	5	21 30 24.43	+ 3.7004	- 0.0805	...	...	...
4766	...	B.D. - 8°. 5696	...	8.3	67.27	5	21 30 28.70	+ 3.1918	- 0.0082	...	...	...
4767	7511	Brisbane 7049 ...	...	7.5	81.76	5	21 31 5.05	+ 4.3668	- 0.0751	...	...	+ 0.16
4768	7514	23 Aquarii ... ..	$\xi$	4.8	64.43	9	21 31 5.76	+ 3.1920	- 0.0083	+ 0.0058	- 0.02	- 0.1
4769	7513	Brisbane 7052 ...	...	6.4	68.10	5	21 31 27.00	+ 4.1403	- 0.0584	...	...	0.00
4770	..	C.P.D. - 34°. 8963	...	6.5	83.75	5	21 31 34.81	+ 3.6211	- 0.0265	...	...	- 0.06
4771	...	C.P.D. - 43°. 9492	...	6.7	83.19	5	21 31 55.15	+ 3.8413	- 0.0389	...	...	- 0.11
4772	7522	4 Pegasi ... ..	...	5.7	78.75	5	21 32 16.48	+ 2.9990	- 0.0023	+ 0.0056	+ 0.21	...
4773	7525	40 Capricorni ...	$\gamma$	3.8	69.42	6	21 33 9.70	+ 3.3201	- 0.0130	+ 0.0115	- 0.11	- 0.03
4774	...	C.P.D. - 29°. 6619	...	9.5	84.75	5	21 33 12.08	+ 3.5324	- 0.0223	...	...	+ 0.07
4775	...	C.Z. XXI. 1056	...	9.0	81.80	5	21 34 20.61	+ 4.5795	- 0.0946	...	...	...
4776	...	Anonymous ... ..	...	8.0	81.78	5	21 34 22.59	+ 4.3595	- 0.0766	...	...	...
4777	...	C.G.A. 29673 ...	...	9.0	81.75	5	21 34 28.05	+ 4.8646	- 0.0771	...	...	- 0.07
4778	...	B.D. - 13°. 5990	...	9.3	68.55	5	21 34 28.90	+ 3.2547	- 0.0106	...	...	...
4779	7542	9 Cephei ... ..	...	4.8	78.81	5	21 34 34.04	+ 1.6113	- 0.0016	- 0.0011	+ 0.11	...
4780	7539	41 Capricorni ...	...	5.2	77.71	5	21 34 53.38	+ 3.4215	- 0.0175	+ 0.0048	...	- 0.08
4781	7538	Brisbane 7068 ...	...	6.6	67.35	5	21 35 3.20	+ 3.8371	- 0.0305	...	...	- 0.11
4782	...	B.D. - 13°. 5993	...	9.2	74.10	5	21 35 11.14	+ 3.2538	- 0.0106	...	...	...
4783	7540	Brisbane 7067 ...	...	7.1	65.46	4	21 35 14.40	+ 4.2026	- 0.0649	...	...	- 0.02
4784	...	C.P.D. - 43°. 9504	...	8.5	66.75	5	21 35 23.91	+ 3.8329	- 0.0894	...	...	...
4785	7541	Brisbane 7069 ...	...	7.0	83.75	5	21 35 32.53	+ 4.2422	- 0.0679	...	...	+ 0.01
4786	7543	43 Capricorni ...	$\kappa$	4.7	77.73	5	21 35 40.73	+ 3.3500	- 0.0145	+ 0.0072	...	+ 0.17
4787	...	Cephei ... ..	$S$	Var.	71.24	10	21 36 44.20	- 0.6277	- 0.1622	...	...	...
4788	...	Cygni ... ..	$Q$	Var.	77.81	10	21 36 48.34	+ 2.3613	+ 0.0078	...	+ 0.18	...
4789	...	B.D. + 42°. 4184	...	9.1	77.77	5	21 37 12.65	+ 2.3635	+ 0.0080	...	...	...
4790	...	C.P.D. - 39°. 9016	...	7.3	83.87	5	21 37 16.79	+ 3.7038	- 0.0323	...	...	- 0.04
4791	7557	9 Piscis Australis ...	$t$	4.2	77.78	5	21 37 29.69	+ 3.5895	- 0.0260	- 0.0007	- 0.15	- 0.20
4792	...	C.Z. XXI. 1170 ...	...	8.5	82.75	5	21 37 39.12	+ 4.3294	- 0.0761	...	...	...
4793	7560	80 Cygni ... ..	$\pi^1$	4.9	78.76	5	21 37 39.37	+ 2.1244	+ 0.0074	- 0.0019	...	...
4794	7561	8 Pegasi ... ..	$\epsilon$	2.4	73.42	142	21 38 2.79	+ 2.9451	- 0.0005	+ 0.0005	+ 0.01	...
4795	...	C.P.D. - 37°. 9090	...	9.1	69.73	5	21 38 20.55	+ 3.6722	- 0.0307	...	...	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Capo 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4761	44 57 36.4	- 15.872	- 0.194	+ 0.105	- 0.4	...	...	10021	...	2810	...
4762	134 1 26.0	.886	.338	...	...	...	...	...	...	...	...
4763	110 1 30.6	.915	.292	+ 0.003	...	+ 2.0	...	10022	11417	2806	29598
4764	133 59 35.4	.921	.337	...	...	+ 0.3	...	...	...	...	29600
4765	127 43 27.5	.935	.322	...	...	...	...	...	...	...	938
4766	98 22 30.3	.936	.276	...	...	...	...	...	...	...	...
4767	148 0 10.6	.967	.378	...	...	+ 2.0	8856	10026	11423	...	29611
4768	98 24 49.2	.968	.276	+ 0.022	- 0.7	- 0.5	...	10037	11421	2808	29613
4769	142 55 19.0	.987	.359	...	...	- 0.3	8859	10032	11427	...	29622
4770	124 14 23.6	- 15.904	.312	...	...	+ 2.2	8867	...	11428	...	29625
4771	133 41 41.8	- 16.012	.330	...	...	- 1.1	8866	...	11434	...	29633
4772	84 47 28.7	.931	.256	- 0.031	- 0.5	...	...	10048	11437	2813	...
4773	107 13 33.1	.977	.283	+ 0.014	- 0.4	+ 1.4	...	10052	11441	2815	29656
4774	119 47 44.4	.979	.303	...	...	+ 1.4	...	...	...	...	29657
4775	152 13 56.1	.139	.330	...	...	...	...	...	...	...	1056
4776	148 20 58.1	.140	.369	...	...	...	...	...	...	...	...
4777	148 27 56.3	.145	.370	...	...	+ 0.2	...	...	...	...	29673
4778	102 57 24.4	.146	.276	...	...	...	...	...	...	...	...
4779	28 28 54.1	.150	.132	+ 0.012	0.0	...	...	10077	...	2830	...
4780	113 49 37.2	.167	.288	+ 0.092	...	- 1.3	8893	10071	11454	2819	29692
4781	134 3 45.5	.175	.325	...	...	+ 1.6	8886	10068	11456	...	29694
4782	102 57 7.1	.184	.273	...	...	...	...	...	...	...	...
4783	145 4 8.0	.185	.357	...	...	+ 1.1	8881	10065	11461	...	29700
4784	133 57 29.7	.193	.324	...	...	...	...	...	...	...	1009
4785	146 2 33.0	.201	.357	...	...	+ 1.7	8884	10073	11463	...	29705
4786	109 26 6.3	.208	- 0.281	+ 0.003	...	+ 1.8	...	10075	...	2821	29708
4787	11 56 10.1	.262	+ 0.059	...	...	...	...	...	...	...	...
4788	47 43 43.8	.266	- 0.195	...	+ 3.8	...	...	...	...	...	...
4789	47 44 54.0	.287	.194	...	...	...	...	...	...	...	...
4790	129 0 47.5	.290	.308	...	...	+ 2.8	8900	...	11470	...	29735
4791	123 35 42.4	.301	.298	+ 0.095	- 2.5	+ 1.0	8901	10089	11472	2825	29737
4792	148 14 52.6	.300	.360	...	...	...	...	...	...	...	1170
4793	39 22 49.1	.309	.173	+ 0.010	...	...	...	10099	...	2845	...
4794	80 41 40.3	.329	.242	- 0.005	- 1.9	...	...	10096	11474	2835	...
4795	127 45 13.7	- 16.344	- 0.304	...	...	...	...	...	...	...	...

4765.--P.D. 1' too great in C.Z.

M M \*

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4796	7568	78 Cygni (1st) ...	$\mu$ 4.6	78.79	5	21 38 33.12	+ 2.6577	+ 0.0055	+ 0.0187	- 0.03	...
4797	7569	Cygni (2nd) ...	$\mu$ 6.1	79.16	5	21 38 33.53	+ 2.6577	+ 0.0055	+ 0.0171	+ 0.05	...
4798	...	C.P.D. - 43°. 9520 ...	8.5	82.71	5	21 38 33.65	+ 3.8067	- 0.0387	...	...	+ 0.11
4799	7567	9 Pegasi ...	...	79.13	5	21 38 35.57	+ 2.8390	+ 0.0021	+ 0.0020	+ 0.04	...
4800	7571	10 Pegasi ...	$\kappa$ 4.2	79.12	5	21 38 59.00	+ 2.7112	+ 0.0047	+ 0.0014	- 0.14	...
4801	...	C.P.D. - 36°. 9471 ...	8.0	82.78	4	21 39 15.80	+ 3.6377	- 0.0289	...	...	- 0.07
4802	7582	Cephei ...	$\mu$ Var.	69.42	10	21 39 41.00	+ 1.8328	+ 0.0039	...	- 0.03	...
4803	7577	48 Capricorni ...	$\lambda$ 5.4	69.89	5	21 39 48.30	+ 3.2347	- 0.0101	+ 0.0006	+ 0.02	+ 0.03
4804	7588	11 Cephei ...	...	79.59	5	21 40 4.77	+ 0.8792	- 0.0333	+ 0.0218	- 0.27	...
4805	7578	Brisbane 7080 ...	...	83.75	5	21 40 7.48	+ 3.9194	- 0.0466	...	...	- 0.04
4806	7580	49 Capricorni ...	$\delta$ 3.0	69.24	9	21 40 8.40	+ 3.3020	- 0.0128	+ 0.0160	+ 0.03	+ 0.01
4807	7575	Brisbane 7079 ...	...	81.76	5	21 40 9.02	+ 4.2453	- 0.0708	...	...	+ 0.01
4808	7572	Indi ...	$\sigma$ 5.6	79.37	5	21 40 10.50	+ 5.2010	- 0.1671	- 0.0116	...	+ 0.03
4809	...	C.P.D. - 40°. 9598 ...	8.8	82.85	5	21 40 14.73	+ 3.7336	- 0.0358	...	...	- 0.07
4810	7583	10 Piscis Australis	$\theta$ 5.0	77.73	5	21 40 23.83	+ 3.5405	- 0.0240	- 0.0062	+ 0.06	- 0.02
4811	...	C.Z. XXI. 1263 ...	8.0	81.79	5	21 40 34.01	+ 4.6016	- 0.1028	...	...	- 0.13
4812	...	B.D. - 12°. 6097 ...	9.8	69.40	6	21 41 24.28	+ 3.2407	- 0.0104	...	...	...
4813	7597	78 Draconis ...	...	80.73	6	21 41 32.44	+ 0.7693	- 0.0404	- 0.0135	...	...
4814	...	C.P.D. - 37°. 9100 ...	9.0	69.54	5	21 41 35.73	+ 3.6599	- 0.0307	...	...	...
4815	7591	Brisbane 7083 ...	...	66.09	3	21 41 42.26	+ 3.8913	- 0.0454	...	...	- 0.05
4816	...	W B E. XXI. 975 ...	9.0	66.48	5	21 41 44.74	+ 3.1691	- 0.0076	...	...	...
4817	7595	10 Cephei ...	$\nu$ 4.5	80.32	5	21 41 50.54	+ 1.7300	+ 0.0019	- 0.0002	- 0.03	...
4818	7598	81 Cygni ...	$\pi^2$ 4.4	79.56	5	21 42 10.29	+ 2.2103	+ 0.0086	- 0.0001	- 0.24	...
4819	...	B.D. + 52°. 3035 ...	8.5	74.78	2	21 42 44.37	+ 2.0831	+ 0.0077	...	...	...
4820	7594	Brisbane 7085 ...	...	81.81	5	21 42 50.45	+ 4.5274	- 0.0975	...	...	- 0.27
4821	...	C.P.D. - 42°. 9338 ...	8.8	66.96	5	21 43 34.36	+ 3.7586	- 0.0372	...	...	+ 0.10
4822	...	C.Z. XXI. 1371 ...	7.5	81.76	5	21 44 0.75	+ 4.2648	- 0.0749	...	...	- 0.25
4823	7607	14 Pegasi ...	...	78.96	5	21 44 18.81	+ 2.6485	+ 0.0062	+ 0.0007	- 0.13	...
4824	7610	Cephei ...	$\mathcal{U}$ Var.	79.76	10	21 44 48.42	+ 1.0755	- 0.0232	...	...	...
4825	...	C.P.D. - 37°. 9115 ...	7.0	69.09	5	21 45 42.27	+ 3.6392	- 0.0304	...	...	+ 0.04
4826	7613	Gruis ...	$\gamma$ 3.2	80.17	10	21 46 21.19	+ 3.6464	- 0.0310	+ 0.0054	...	- 0.05
4827	7618	51 Capricorni ...	$\mu$ 5.2	69.88	6	21 46 28.79	+ 3.2576	- 0.0113	+ 0.0181	+ 0.06	+ 0.02
4828	7627	16 Pegasi ...	...	72.12	120	21 47 22.50	+ 2.7260	+ 0.0052	- 0.0008	0.00	...
4829	7622	Indi ...	$\pi$ 6.4	77.76	5	21 47 26.65	+ 4.2644	- 0.0770	...	...	- 0.03
4830	7626	Brisbane 7097 ...	...	83.75	5	21 47 42.32	+ 4.0422	- 0.0588	...	...	- 0.17

4824.--Mag. 5-9 (Ragoonatha Chari)

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4796	61 49 16.1	- 16.355	- 0.217	+ 0.253	+ 0.1	...	...	10103	...	2839	...
4797	61 49 17.3	355	.217	+ 0.25	- 0.9	...	...	...	...	2840	...
4798	133 39 43.0	355	311	...	...	+ 0.6	...	...	...	...	29754
4799	73 13 29.4	357	233	+ 0.004	- 1.2	...	...	10102	...	2837	...
4800	64 55 11.1	377	221	- 0.008	+ 0.3	...	...	10105	...	2848	...
4801	126 16 58.9	391	299	...	...	+ 1.0	...	...	...	...	29767
4802	31 47 31.3	411	117	...	- 0.2	...	...	...	...	...	...
4803	101 56 29.2	418	295	+ 0.003	- 0.2	+ 0.3	...	10112	...	2814	29774
4804	19 15 49.3	432	066	- 0.089	- 1.1	...	...	10128	...	2856	...
4805	137 52 15.0	434	320	...	...	+ 1.6	8912	10109	11486	...	29785
4806	106 41 36.2	435	270	+ 0.200	- 0.5	+ 0.5	...	10116	11484	2847	29788
4807	146 51 8.1	435	318	...	...	+ 0.8	8908	10107	11487	...	29789
4808	160 12 35.6	436	427	+ 0.025	...	+ 3.5	8899	...	11488	...	29790
4809	130 49 20.3	441	305	...	...	+ 3.7	...	...	...	...	29793
4810	121 28 31.0	448	288	- 0.035	+ 0.1	+ 2.5	8917	10117	11490	2842	29795
4811	153 27 11.9	458	376	...	...	+ 3.7	...	...	...	...	29800
4812	102 29 23.5	497	263	...	...	...	...	...	...	...	...
4813	18 15 9.1	504	957	+ 0.056	...	...	...	10139	...	2861	...
4814	127 44 27.4	507	207	...	...	...	...	...	...	...	1303
4815	137 11 23.6	513	317	...	...	+ 1.5	8921	10126	11496	...	29831
4816	97 16 43.1	515	256	...	...	...	...	...	...	...	...
4817	29 27 20.8	520	136	+ 0.007	+ 0.4	...	...	10136	...	2857	...
4818	41 16 5.8	536	175	+ 0.004	+ 0.2	...	...	10137	...	2855	...
4819	37 16 21.8	564	164	...	...	...	...	...	...	...	...
4820	152 38 5.1	569	365	...	...	+ 10.1	8920	...	11503	...	29855
4821	132 24 23.3	604	302	...	...	+ 1.0	...	...	...	...	29876
4822	147 55 11.8	627	341	...	...	+ 2.3	8932	...	11509	...	29883
4823	60 24 25.5	641	209	+ 0.025	- 0.5	...	...	10140	...	2859	...
4824	20 25 42.7	665	040	...	...	...	...	...	...	...	...
4825	127 28 53.4	709	287	...	...	+ 1.6	8948	...	11523	...	29921
4826	127 57 7.2	710	296	+ 0.029	...	+ 2.5	8951	10157	11527	...	29935
4827	104 8 20.4	740	255	- 0.013	- 1.4	- 0.5	...	10160	11528	2860	29938
4828	64 39 45.0	789	210	- 0.003	+ 0.7	...	...	10167	11530	2864	...
4829	148 20 25.7	793	333	...	...	+ 1.8	8950	10163	11531	...	29955
4830	113 3 8.3	- 16.805	- 0.315	...	...	- 1.5	8953	10164	11532	...	29958

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Procession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4831	...	C.Z. XXI. 1489 ...	8.0	81.77	5	21 47 49.60	+ 4.1644	- 0.0688	...	...	- 0.01
4832	...	C.P.D. - 45°. 10238 ...	7.2	74.03	10	21 47 54.97	+ 3.8223	- 0.0427	...	...	+ 0.16
4833	...	C.P.D. - 48°. 9552 ...	8.5	65.55	5	21 48 16.29	+ 3.7538	- 0.0383	...	...	+ 0.07
4834	7632	Brisbane 7099 ...	...	5.7	5	21 48 50.93	+ 3.6347	- 0.0309	...	...	- 0.13
4835	7633	Indi ... δ	4.5	77.79	5	21 49 23.87	+ 4.1251	- 0.0664	+ 0.0033	...	- 0.02
4836	...	Piazzi XXI. 327 ...	7.5	82.80	7	21 49 29.12	+ 3.6408	- 0.0314	...	...	- 0.36
4837	7634	Indi ... κ <sup>1</sup>	6.4	77.76	5	21 49 38.70	+ 4.2999	- 0.0817	...	...	- 0.08
4838	...	Brisbane 7104 ...	...	7.8	2	21 49 46.04	+ 3.6415	- 0.0315	...	...	- 0.02
4839	...	C.Z. XXI. 1573 ...	9.5	81.82	5	21 50 9.92	+ 4.4109	- 0.0926	...	...	...
4840	...	C.P.D. - 44°. 10145 ...	6.7	83.79	5	21 50 45.70	+ 3.7782	- 0.0407	...	...	- 0.09
4841	...	C.P.D. - 37°. 9180 ...	9.5	69.16	5	21 51 21.89	+ 3.6171	- 0.0304	...	...	...
4842	...	C.P.D. - 42°. 9366 ...	8.5	83.86	5	21 51 35.77	+ 3.7204	- 0.0375	...	...	...
4843	7647	Brisbane 7108 ...	...	5.5	5	21 51 44.15	+ 3.6468	- 0.0323	...	...	- 0.02
4844	7645	Brisbane 7106 ...	...	6.3	5	21 51 51.54	+ 4.1429	- 0.0695	...	...	+ 0.02
4845	...	C.Z. XXI. 1645 ...	8.0	81.75	5	21 52 18.58	+ 4.1687	- 0.0701	...	...	+ 0.04
4846	...	C.P.D. - 41°. 9733 ...	8.2	82.01	6	21 52 19.31	+ 3.6896	- 0.0353	...	...	0.00
4847	...	Lalande 42883 ...	...	8.1	5	21 53 8.82	+ 2.6789	+ 0.0069	- 0.0289	...	...
4848	...	C.P.D. - 37°. 9133 ...	9.0	68.89	5	21 53 25.61	+ 3.6097	- 0.0304	...	...	...
4849	...	C.P.D. - 39°. 9063 ...	8.8	68.75	5	21 53 27.72	+ 3.6502	- 0.0330	...	...	...
4850	...	C.P.D. - 46°. 10336 ...	9.5	67.94	5	21 53 28.73	+ 3.8133	- 0.0441	...	...	...
4851	...	C.P.D. - 37°. 9134 ...	6.9	83.76	5	21 53 30.76	+ 3.6033	- 0.0300	...	...	- 0.10
4852	7657	12 Piscis Australis ... η	5.5	77.71	6	21 53 39.03	+ 3.4612	- 0.0218	- 0.0005	- 0.11	- 0.17
4853	7656	Indi ... ε	4.8	77.49	20	21 53 46.94	+ 4.1633	- 0.0724	+ 0.4745	...	+ 0.06
4854	...	Anonymous ...	...	7.5	5	21 53 49.61	+ 4.0846	- 0.0654	...	...	...
4855	...	C.P.D. - 37°. 9136 ...	8.5	82.71	5	21 54 27.90	+ 3.6118	- 0.0307	...	...	...
4856	...	C.Z. XXI. 1723 ...	8.5	65.94	5	21 54 37.59	+ 4.3150	- 0.0872	...	...	...
4857	...	C.Z. XXI. 1779 ...	8.5	81.78	5	21 56 16.94	+ 3.9888	- 0.0588	...	...	...
4858	7670	30 Aquarii ...	...	5.6	5	21 56 41.93	+ 3.1578	- 0.0072	+ 0.0010	+ 0.05	+ 0.02
4859	...	C.P.D. - 39°. 9070 ...	7.8	68.97	5	21 56 49.38	+ 3.6361	- 0.0329	...	...	+ 0.07
4860	7672	31 Aquarii ... ο	4.7	69.10	5	21 56 50.82	+ 3.1052	- 0.0051	- 0.0011	...	...
4861	7669	Indi ... κ <sup>2</sup>	5.6	71.68	10	21 57 3.25	+ 4.2672	- 0.0842	...	...	- 0.01
4862	7686	16 Cephei ...	...	5.2	5	21 57 27.28	+ 0.9002	- 0.0368	- 0.0144	+ 0.01	...
4863	7675	Brisbane 7120 ...	...	6.1	6	21 57 29.85	+ 3.4256	- 0.0204	...	- 0.20	- 0.12
4864	...	B.D. - 2°. 5686 ...	9.0	79.15	5	21 57 41.14	+ 3.1023	- 0.0050	...	...	...
4865	...	C.P.D. - 37°. 9147 ...	9.0	82.84	5	21 57 47.20	+ 3.6016	- 0.0333	...	...	...

4836.—Red

4847.—P. M. Romberg

4853.—Yellow





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
4866	...	C.P.D. — 44°. 10169 ...	6.9	83.20	5	h m s 21 58 19.14	s + 3.7391	s - 0.0405	s ...	s ...	s 0.00
4867	7685	32 Aquarii ...	5.2	67.92	5	21 58 21.67	+ 3.0901	- 0.0045	- 0.0020	...	+ 0.05
4868	7684	Gruis ... λ	4.5	77.77	5	21 58 34.46	+ 3.6421	- 0.0338	- 0.0030	...	- 0.16
4869	...	C.P.D. — 45°. 10262 ...	8.5	64.95	5	21 58 53.61	+ 3.7700	- 0.0430	...	...	...
4870	...	W.B.E. XXI. 1334 ...	8.0	80.81	5	21 58 56.15	+ 3.1705	- 0.0078	...	...	...
4871	...	Brisbane 7124 ...	7.2	81.80	5	21 59 7.47	+ 4.4588	- 0.1055	...	...	+ 0.17
4872	7688	34 Aquarii ... α	3.2	73.14	139	21 59 21.76	+ 3.0831	- 0.0041	- 0.0005	- 0.02	- 0.02
4873	7689	22 Pegasi ... ν	4.8	77.75	5	21 59 22.64	+ 3.0200	- 0.0018	+ 0.0049	+ 0.14	...
4874	...	C.P.D. — 43°. 9583 ...	8.8	81.84	5	21 59 28.43	+ 3.7005	- 0.0381	...	...	0.00
4875	7691	33 Aquarii ... ι	4.3	68.77	5	21 59 41.09	+ 3.2452	- 0.0113	+ 0.0007	+ 0.03	+ 0.03
4876	...	C.P.D. — 30°. 6601 ...	8.0	83.76	5	21 59 41.42	+ 3.4625	- 0.0228	...	...	- 0.11
4877	7699	18 Cephei ...	5.4	79.19	5	22 0 8.30	+ 1.7888	+ 0.0050	+ 0.0009	- 0.02	...
4878	7700	17 Cephei (2nd) ... ξ	4.4	80.72	5	22 0 10.50	+ 1.7021	+ 0.0026	+ 0.028	+ 0.14	...
4879	...	C.P.D. — 50°. 11656 ...	8.0	81.76	5	22 0 16.03	+ 3.8877	- 0.0524	...	...	+ 0.29
4880	7692	Gruis ... α	1.9	78.15	13	22 0 20.72	+ 3.8015	- 0.0457	+ 0.0105	...	+ 0.08
4881	...	C.P.D. — 25°. 7413 ...	8.5	73.54	5	22 0 36.16	+ 3.3825	- 0.0183	...	...	+ 0.10
4882	7701	14 Piscis Australis μ	4.5	79.78	5	22 1 5.16	+ 3.5126	- 0.0261	+ 0.0028	...	+ 0.03
4883	7706	24 Pegasi ... ι	4.0	79.54	5	22 1 11.49	+ 2.7670	+ 0.0060	+ 0.0208	- 0.07	...
4884	...	B.D. — 8°. 5807 ...	9.0	80.82	5	22 1 28.18	+ 3.1717	- 0.0078	...	...	...
4885	...	C.P.D. — 36°. 9530 ...	8.0	82.72	5	22 1 36.98	+ 3.5638	- 0.0294	...	...	+ 0.18
4886	7711	35 Aquarii ...	5.8	79.35	5	22 2 7.36	+ 3.3003	- 0.0142	- 0.0022	...	- 0.13
4887	...	Anonymous ...	8.7	81.77	5	22 2 10.50	+ 3.9980	- 0.0628	...	...	...
4888	...	C.Z. XXI. 78 ...	7.0	81.80	5	22 2 14.80	+ 4.4579	- 0.1086	...	...	...
4889	...	W.B.E. XXI. 1413 ...	9.0	69.74	5	22 2 21.73	+ 2.9340	+ 0.0014	...	...	...
4890	...	C.P.D. — 24°. 7323 ...	10.0	74.20	5	22 2 37.36	+ 3.3769	- 0.0155	...	...	...
4891	...	C.P.D. — 24°. 7324 ...	9.6	74.26	4	22 2 38.64	+ 3.3757	- 0.0182	...	...	...
4892	...	Pegasi ... ζ	Var.	73.82	7	22 2 47.54	+ 2.9340	+ 0.0015	...	...	...
4893	7714	15 Piscis Australis τ	5.0	79.98	5	22 2 49.09	+ 3.4996	- 0.0256	+ 0.0349	...	0.00
4894	7717	W.B.E. XXI. 14 ...	7.0	80.81	5	22 2 54.11	+ 3.1658	- 0.0075	+ 0.0047	+ 0.11	+ 0.67
4895	7721	27 Pegasi ... π <sup>1</sup>	5.7	79.60	5	22 3 41.22	+ 2.6574	+ 0.0087	- 0.0051	- 0.19	...
4896	...	C.P.D. — 39°. 9085 ...	9.5	71.57	5	22 3 50.66	+ 3.5985	- 0.0312	...	...	...
4897	7723	26 Pegasi ... θ	3.8	80.51	4	22 3 53.80	+ 3.0088	- 0.0012	+ 0.0173	- 0.15	...
4898	...	B.D. — 11°. 5772 ...	9.1	69.40	6	22 3 54.83	+ 3.1995	- 0.0093	...	...	...
4899	7722	38 Aquarii ... ε <sup>2</sup>	5.4	73.38	5	22 3 56.46	+ 3.2121	- 0.0099	+ 0.0008	+ 0.05	+ 0.01
4900	7731	29 Pegasi ... π <sup>2</sup>	4.4	79.17	5	22 4 26.05	+ 2.6596	+ 0.0089	- 0.0017	- 0.17	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4866	134 34 18.8	- 17.263	- 0.269	...	...	+ 3.0	9015	...	11601	...	30203
4867	91 30 36.5	.295	.222	+ 0.031	...	+ 1.4	...	10238	...	2887	30204
4868	130 8 46.0	.305	.261	+ 0.114	...	+ 2.1	9017	10236	11603	...	30209
4869	135 59 29.3	.319	.272	..	...	...	...	...	...	...	1863
4870	98 18 0.4	.321	.226	...	...	...	...	...	...	...	...
4871	154 0 49.6	.329	.329	...	...	+ 3.0	...	...	11607	...	30217
4872	90 55 35.4	.340	.219	+ 0.003	+ 0.7	+ 1.3	...	10244	11608	2890	30221
4873	85 33 6.9	.340	.214	- 0.107	+ 0.4	...	...	10245	...	2891	...
4874	133 6 39.3	.345	.264	...	...	+ 5.4	...	...	...	...	30224
4875	104 28 30.5	.353	.231	+ 0.053	- 1.2	+ 0.9	...	10249	11609	2889	30229
4876	120 13 29.8	.355	.215	...	...	- 1.3	9019	...	11610	...	30230
4877	27 29 16.7	.374	.123	- 0.02	- 0.2	...	...	...	...	2906	...
4878	25 58 49.0	.375	.117	- 0.065	- 2.5	...	...	10260	...	2907	...
4879	140 12 55.9	.379	.277	...	...	+ 1.6	9020	...	11615	...	30238
4880	137 33 55.9	.383	.270	+ 0.175	...	+ 0.7	9021	10251	11617	...	30241
4881	115 0 2.9	.394	.239	...	...	+ 0.3	9027	...	...	...	30246
4882	123 35 49.4	.415	.247	+ 0.632	...	- 0.4	9029	10256	11623	2893	30260
4883	65 15 53.3	.420	.193	- 0.021	- 0.3	...	...	10262	11625	2899	...
4884	98 33 24.0	.431	.222	...	...	...	...	...	...	...	...
4885	126 39 59.3	.438	.219	...	...	+ 1.9	...	...	...	...	30271
4886	109 7 49.8	.460	.292	- 0.002	...	0.0	...	10269	...	2898	30279
4887	144 37 9.9	.462	.281	...	...	...	...	...	...	...	...
4888	154 37 46.7	.465	.313	...	...	...	...	...	...	...	78
4889	78 6 34.3	.470	.269	...	...	...	...	...	...	...	...
4890	114 56 36.0	.482	.233	...	...	...	...	...	...	...	...
4891	114 51 32.8	.483	.233	...	...	...	...	...	...	...	...
4892	78 4 5.2	.488	.203	...	...	...	...	...	...	...	...
4893	123 0 41.1	.490	.242	- 0.023	...	+ 0.6	9037	10275	11633	2901	30294
4894	98 8 41.1	.497	.218	+ 0.47	- 2.1	- 0.9	...	...	...	2904	30298
4895	57 26 16.0	.527	.160	+ 0.059	0.0	...	...	10286	...	2915	...
4896	129 2 8.7	.533	.236	...	...	...	...	...	...	...	...
4897	84 24 56.9	.535	.205	- 0.033	- 2.9	...	...	10285	11637	2914	...
4898	101 5 41.2	.536	.219	...	...	...	...	...	...	...	...
4899	102 10 44.5	.538	.220	- 0.010	+ 0.4	+ 1.8	...	10282	...	2909	30315
4900	57 26 4.3	- 17.559	- 0.179	+ 0.015	- 0.3	...	...	10289	...	2917	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
4901	...	C.P.D. — 38°. 8368 ...	7.8	70.37	5	22 4 35.99	+ 3.5932	- 0.0321	...	...	+ 0.08
4902	...	B.D. — 11°. 5778 ...	8.3	64.95	5	22 5 59.58	+ 3.1968	- 0.0092	...	...	...
4903	...	C.P.D. — 41°. 9757 ...	8.0	82.84	5	22 6 4.80	+ 3.6413	- 0.0359	...	...	...
4904	7746	Groombridge 3703 ...	5.4	80.35	5	22 6 18.41	+ 2.3682	+ 0.0126	+ 0.0159	- 0.16	...
4905	7749	21 Cephei ... ζ	3.5	79.54	5	22 6 30.82	+ 2.0717	+ 0.0113	+ 0.0005	- 0.32	...
4906	...	C.P.D. — 45°. 10274 ...	8.5	82.74	4	22 6 31.14	+ 3.7148	- 0.0406	...	...	- 0.13
4907	...	W.B.E. XXII. 98 ...	8.0	65.09	5	22 6 55.69	+ 3.0704	- 0.0037	...	...	...
4908	...	C.Z. XXII. 216 ...	9.0	81.81	5	22 7 8.17	+ 4.0640	- 0.0719	...	...	...
4909	7758	24 Cephei ...	5.0	79.58	5	22 7 24.10	+ 1.1621	- 0.0221	+ 0.0046	...	...
4910	...	O.A.S. 22014 ...	6.9	73.51	5	22 7 47.53	+ 3.3604	- 0.0179	...	...	0.00
4911	7756	Gruis ... μ <sup>1</sup>	4.9	79.56	5	22 8 4.65	+ 3.6363	- 0.0361	+ 0.0029	...	- 0.10
4912	...	C.P.D. — 42°. 9405 ...	8.7	82.75	5	22 8 17.22	+ 3.6541	- 0.0376	...	...	...
4913	7765	B.H. 843 ...	4.6	80.36	5	22 8 30.85	+ 2.5044	+ 0.0111	...	+ 0.32	...
4914	7763	Gruis ... μ <sup>2</sup>	5.2	80.59	5	22 8 54.72	+ 3.6360	- 0.0365	...	...	- 0.17
4915	...	Lalande 43402 ...	8.3	74.33	5	22 8 58.30	+ 3.1710	- 0.0079	...	...	...
4916	...	C.Z. XXII. 274 ...	8.5	81.76	5	22 9 0.31	+ 4.0842	- 0.0752	...	...	...
4917	...	B.D. — 8°. 5844 ...	8.8	65.37	5	22 9 40.32	+ 3.1647	- 0.0077	...	...	...
4918	...	C.Z. XXII. 309 ...	8.5	65.37	5	22 9 52.04	+ 4.0025	- 0.0681	...	...	...
4919	7767	Tucanæ ... α	2.9	80.09	10	22 9 55.15	+ 4.1813	- 0.0858	- 0.0128	...	- 0.01
4920	7769	C.Z. XXII. 317 ...	5.4	81.76	5	22 10 3.13	+ 3.9287	- 0.0611	+ 0.046	...	- 0.14
4921	7773	43 Aquarii ... θ	4.3	74.10	152	22 10 14.18	+ 3.1632	- 0.0075	+ 0.0059	0.00	- 0.01
4922	7778	23 Cephei ... ε	4.2	79.95	6	22 10 26.16	+ 2.1458	+ 0.0128	+ 0.0543	+ 0.10	...
4923	7777	1 Lacertæ ...	4.1	79.60	5	22 10 31.28	+ 2.6069	+ 0.0108	- 0.0004	- 0.17	...
4924	...	C.P.D. — 37°. 9174 ...	7.2	81.78	5	22 10 56.77	+ 3.5374	- 0.0298	...	...	+ 0.02
4925	...	C.P.D. — 37°. 9175 ...	9.0	81.79	5	22 11 38.05	+ 3.5800	- 0.0302	...	...	...
4926	...	O.A.S. 22070 ...	8.5	73.34	5	22 12 30.38	+ 3.3467	- 0.0177	...	...	+ 0.16
4927	...	C.P.D. — 39°. 9104 ...	8.2	69.75	5	22 12 42.66	+ 3.5676	- 0.0325	...	...	...
4928	...	C.G.A. 30491 ...	8.5	68.57	5	22 13 12.68	+ 4.1373	- 0.0843	...	...	+ 0.18
4929	7784	46 Aquarii ... ρ	5.4	79.60	5	22 13 37.17	+ 3.1611	- 0.0075	- 0.0008	- 0.04	- 0.06
4930	...	C.Z. XXII. 433 ...	9.0	69.56	5	22 13 52.91	+ 3.9718	- 0.0677	...	...	...
4931	7788	30 Pegasi ...	5.2	79.56	5	22 14 10.13	+ 3.0184	- 0.0009	- 0.0010	- 0.01	...
4932	7790	47 Aquarii ...	5.4	80.37	5	22 14 42.62	+ 3.3144	- 0.0160	- 0.0042	+ 0.18	+ 0.02
4933	...	Anonymous ...	9.6	72.11	5	22 14 57.13	+ 3.9666	- 0.0679	...	...	...
4934	7795	48 Aquarii ... γ	4.1	81.76	76	22 15 11.94	+ 3.0930	- 0.0042	+ 0.0068	- 0.02	- 0.03
4935	7796	31 Pegasi ...	5.1	79.79	5	22 15 21.90	+ 2.9515	+ 0.0019	- 0.0011	- 0.02	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
4901	128 55 8.0	- 17.565	- 0.246	...	...	...	9047	...	11643	...	30334
4902	101 2 33.7	.623	.216	...	...	...	...	...	...	...	...
4903	131 45 10.3	.628	.246	...	...	...	...	...	...	...	...
4904	39 47 37.2	.637	.152	- 0.042	+ 0.2	...	...	...	...	...	...
4905	32 24 53.0	.646	.136	+ 0.001	+ 0.7	...	...	10310	...	2925	...
4906	135 19 43.2	.644	.219	...	...	+ 0.5	...	...	...	...	30370
4907	90 22 33.0	.662	.205	...	...	...	...	...	...	...	...
4908	147 29 20.3	.671	.329	...	...	...	...	...	...	...	216
4909	18 16 27.2	.682	.372	+ 0.006	...	...	...	10325	...	2932	...
4910	114 37 24.7	.698	.222	...	...	+ 0.1	...	...	...	...	30390
4911	131 58 4.2	.710	.241	- 0.020	...	+ 0.1	9069	10316	11667	...	30395
4912	132 54 11.1	.719	.242	...	...	...	...	...	...	...	...
4913	50 54 15.5	.728	.167	...	- 1.2	...	...	10326	...	...	...
4914	132 14 54.0	.744	.210	...	...	+ 0.6	9075	10323	11669	...	30405
4915	99 1 2.4	.747	.207	...	...	...	...	...	...	...	...
4916	148 24 22.5	.748	.259	...	...	...	...	...	...	...	274
4917	98 18 50.5	.775	.207	...	...	...	...	...	...	...	...
4918	146 24 3.1	.783	.264	...	...	...	...	...	...	...	369
4919	150 52 55.4	.785	.274	+ 0.055	...	+ 2.2	9074	10329	11679	...	30422
4920	144 13 42.1	.791	.256	+ 0.07	...	+ 2.2	9076	...	11681	...	30425
4921	98 24 17.5	.798	.205	+ 0.018	- 0.7	0.0	...	10336	11682	2929	30430
4922	33 34 45.4	.804	.136	- 0.031	0.0	...	...	10342	...	2937	...
4923	52 52 22.0	.809	.167	- 0.009	- 1.6	...	...	10340	...	2933	...
4924	127 13 7.8	.827	.228	...	...	- 0.4	9091	...	11687	...	30443
4925	127 15 30.5	.854	.230	...	...	...	...	...	...	...	370
4926	114 25 41.5	.899	.212	...	...	+ 0.3	...	...	...	...	30475
4927	120 23 20.3	.896	.228	...	...	...	...	...	...	...	400
4928	150 34 32.5	.916	.265	...	...	+ 1.6	...	...	...	...	30491
4929	96 26 52.3	.933	.198	- 0.007	- 1.4	+ 0.3	...	10354	...	2939	30498
4930	146 25 18.8	.942	.253	...	...	...	...	...	...	...	433
4931	84 50 14.5	.954	.188	+ 0.005	- 2.8	...	...	10357	11705	2941	...
4932	112 13 24.0	.975	.206	+ 0.079	- 3.2	- 1.1	...	10358	11707	2940	30513
4933	146 31 9.5	.984	.240	...	...	...	...	...	...	...	...
4934	92 0 59.8	- 17.994	.191	- 0.009	+ 0.2	+ 0.2	...	10366	11711	2943	30529
4935	78 25 23.8	- 18.000	- 0.182	- 0.010	- 2.9	...	...	10369	...	2944	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
4936	...	C.P.D. - 39°. 9110 ...	8.5	69.15	5	22 15 23.08	+ 3.5560	- 0.0324	...	...	...	
4937	7800	2 Lacertæ ...	4.8	80.57	5	22 15 51.70	+ 2.4665	+ 0.0138	- 0.0005	- 0.09	...	
4938	...	B.D. + 7°. 4857 ...	8.5	67.38	8	22 15 53.92	+ 2.9975	0.0000	...	...	...	
4939	...	B.D. + 7°. 4861 ...	9.5	70.96	5	22 16 32.48	+ 2.9971	+ 0.0001	...	...	...	
4940	...	C.P.D. - 52°. 12022 ...	7.5	81.76	5	22 17 24.53	+ 3.8136	- 0.0546	...	...	- 0.01	
4941	...	C.P.D. - 45°. 10292 ...	8.5	65.57	5	22 17 31.68	+ 3.6692	- 0.0422	...	...	...	
4942	...	C.Z. XXII. 547 ...	8.0	81.78	5	22 17 56.15	+ 4.2110	- 0.0964	...	...	- 0.00	
4943	7808	Tucanæ ...	δ	80.20	5	22 18 25.25	+ 4.3363	- 0.1121	0.000	...	+ 0.20	
4944	7815	3 Lacertæ ...	β	79.50	5	22 18 38.67	+ 2.3502	+ 0.0152	- 0.0023	- 0.20	...	
4945	...	C.P.D. - 40°. 9695 ...	8.0	82.79	5	22 18 41.00	+ 3.5651	- 0.0341	...	...	...	
4946	7814	52 Aquarii ...	π	79.82	5	22 18 53.66	+ 3.0648	- 0.0028	- 0.0012	+ 0.13	...	
4947	...	W.B.E. XXII. 380 ...	9.0	69.59	5	22 18 58.40	+ 3.0546	- 0.0023	...	...	...	
4948	7820	4 Lacertæ ...	...	79.22	5	22 19 27.00	+ 2.4225	+ 0.0151	- 0.0027	- 0.05	...	
4949	...	C.P.D. - 50°. 11698 ...	9.5	67.37	5	22 19 32.28	+ 3.7658	- 0.0516	...	...	...	
4950	...	B.D. + 1°. 4611 ...	9.3	73.95	5	22 19 41.84	+ 3.0589	- 0.0025	...	...	...	
4951	...	B.D. + 1°. 4612 ...	8.5	73.19	5	22 20 2.55	+ 3.0590	- 0.0025	...	...	...	
4952	...	C.P.D. - 49°. 11608 ...	8.5	81.77	5	22 21 43.32	+ 3.7150	- 0.0479	...	...	+ 0.22	
4953	7828	Gruis ...	δ <sup>1</sup>	77.74	5	22 21 47.56	+ 3.6112	- 0.0388	+ 0.0005	...	+ 0.01	
4954	7830	Gruis ...	δ <sup>2</sup>	77.79	5	22 22 16.78	+ 3.6135	- 0.0392	...	...	- 0.20	
4955	7832	55 Aquarii ...	ζ <sup>1</sup>	71.92	18	22 22 23.62	+ 3.0786	- 0.0033	+ 0.0110	0.00	+ 0.02	
4956	7832	55 Aquarii ...	ζ <sup>2</sup>	66.05	4	22 22 23.68	+ 3.0786	- 0.0033	+ 0.0110	- 0.13	- 0.06	
4957	...	B.D. - 10°. 5923 ...	8.5	64.91	5	22 22 26.37	+ 3.1754	- 0.0085	...	...	...	
4958	7851	Groombridge 3820 ( <i>R.P.L. 159</i> )	5.4	73.45	122	22 22 57.12	- 3.8726	- 1.2125	+ 0.0526	+ 0.06	...	
4959	7854	Groombridge 3821 ( <i>R.P.L. 151</i> )	6.9	76.68	40	22 23 24.58	- 4.0229	- 1.2796	+ 0.0251	+ 0.10	...	
4960	...	C.Z. XXII. 705 ...	8.0	81.83	5	22 23 39.61	+ 3.8238	- 0.0591	...	...	...	
4961	...	C.P.D. - 51°. 11827 ...	7.0	81.76	5	22 23 41.98	+ 3.7598	- 0.0530	...	...	...	
4962	7839	Piscis Australis	ζ	73.34	5	22 23 56.66	+ 3.3460	- 0.0193	...	- 0.09	0.00	
4963	7840	57 Aquarii ...	σ	67.88	10	22 24 1.84	+ 3.1811	- 0.0088	- 0.0011	- 0.01	- 0.09	
4964	7845	5 Lacertæ ...	...	79.75	5	22 24 19.10	+ 2.4896	+ 0.0156	- 0.0033	- 0.28	...	
4965	...	C.P.D. - 40°. 9705 ...	8.0	70.96	5	22 24 21.17	+ 3.5370	- 0.0337	...	...	+ 0.08	
4966	7842	17 Piscis Australis	β	77.81	5	22 24 23.66	+ 3.4238	- 0.0249	+ 0.0007	- 0.03	+ 0.04	
4967	7847	Cephei ( <i>1st</i> ) ...	δ	72.14	5	22 24 30.94	+ 2.2143	+ 0.0166	+ 0.0031	+ 0.12	...	
4968	7841	Tucanæ ...	ν	79.78	5	22 24 31.62	+ 4.1169	- 0.0920	+ 0.0013	...	- 0.13	
4969	7848	27 Cephei ( <i>2nd</i> ) ...	δ	Var.	66.33	10	22 24 31.88	+ 2.2141	+ 0.0166	+ 0.0006	- 0.02	...
4970	...	C.P.D. - 45°. 10306 ...	9.0	69.36	5	22 24 57.65	+ 3.6232	- 0.0412	...	...	...	



No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
4971	...	C.Z. XXII. 752 ...	8.0	81.83	5	h m s 22 25 6.66	s + 4.0281	s - 0.0821	...	...	- 0.03	
4972	...	C.P.D. - 39°. 9188 ...	9.5	72.15	5	22 25 16.20	+ 3.5179	- 0.0324	...	...	...	
4973	...	C.Z. XXII. 756 ...	8.8	70.62	5	22 25 22.76	+ 3.8915	- 0.0676	...	...	- 0.04	
4974	7855	7 Lacertæ ...	α	3.9	80.20	5	22 26 8.44	+ 2.4459	+ 0.0166	+ 0.0137	- 0.21	...
4975	...	C.P.D. - 36°. 9608 ...	8.0	82.75	5	22 26 17.27	+ 3.4596	- 0.0281	...	...	...	
4976	...	B.D. + 5°. 5029 ...	8.7	69.58	5	22 26 32.90	+ 3.0170	- 0.0001	...	...	...	
4977	...	C.P.D. - 51°. 11835 ...	8.5	66.42	6	22 26 33.27	+ 3.7375	- 0.0527	...	...	- 0.11	
4978	...	C.Z. XXII. 828 ...	8.5	82.81	5	22 27 44.30	+ 3.9982	- 0.0810	...	...	- 0.16	
4979	7864	59 Aquarii ...	ν	5.2	80.74	5	22 27 51.24	+ 3.2767	- 0.0151	+ 0.0142	+ 0.02	- 0.03
4980	...	R.P.L. 153 ...	...	7.6	74.05	23	22 28 2.35	- 8.6340	- 4.0802	...	...	...
4981	...	R.P.L. 152 ...	...	7.2	82.53	20	22 28 27.41	- 2.2689	- 0.7006	...	...	...
4982	...	C.Z. XXII. 858 ...	...	8.5	81.80	5	22 28 35.09	+ 4.1590	- 0.1016	...	...	...
4983	7866	B.F. 3091 ...	...	6.2	79.40	5	22 28 43.66	+ 3.3100	- 0.0174	...	- 0.03	- 0.02
4984	7868	62 Aquarii ...	η	4.2	71.68	132	22 28 55.94	+ 3.0791	- 0.0031	+ 0.0045	0.00	- 0.01
4985	...	Aquarii ...	ζ	Var.	74.82	9	22 29 [19.68]	+ 3.1470	- 0.0072	...	...	...
4986	...	C.P.D. - 40°. 9717 ...	...	6.6	65.79	5	22 30 32.24	+ 3.5068	- 0.0333	...	...	- 0.03
4987	7877	Ramker 569 ...	...	7.8	81.76	5	22 30 33.71	+ 3.6244	- 0.0437	...	...	+ 0.02
4988	7884	63 Aquarii ...	κ	5.5	69.08	5	22 31 16.90	+ 3.1153	- 0.0051	- 0.0060	- 0.01	+ 0.01
4989	...	C.P.D. - 50°. 11726 ...	...	9.0	81.77	5	22 31 19.06	+ 3.6878	- 0.0505	...	...	+ 0.12
4990	7896	31 Cephei ...	...	5.3	79.46	5	22 32 40.53	+ 1.4408	- 0.0072	+ 0.0374	- 0.15	...
4991	7889	Brisbane 7189 ...	...	5.8	64.98	5	22 32 49.97	+ 3.8688	- 0.0708	...	...	+ 0.12
4992	7898	18 Piscis Australis ...	ε	4.1	77.72	5	22 33 44.34	+ 3.3301	- 0.0197	- 0.0005	+ 0.06	- 0.04
4993	7902	30 Cephei ...	...	5.2	79.30	4	22 34 13.48	+ 2.1156	+ 0.0184	- 0.0020	+ 0.25	...
4994	...	C.Z. XXII. 1060 ...	...	8.5	82.81	5	22 34 44.57	+ 4.0144	- 0.0895	...	...	+ 0.13
4995	...	C.Z. XXII. 1064 ...	...	8.0	69.58	5	22 34 57.57	+ 4.1343	- 0.1067	...	...	...
4996	7904	Gruis ...	β	2.1	79.82	10	22 35 11.50	+ 3.6006	- 0.0436	+ 0.0119	...	- 0.20
4997	7908	42 Pegasi ...	ζ	3.6	72.35	152	22 35 13.63	+ 2.9854	+ 0.0023	+ 0.0039	- 0.05	...
4998	...	C.Z. XXII. 1092 ...	...	9.0	82.81	5	22 35 44.32	+ 3.8431	- 0.0700	...	...	...
4999	7914	43 Pegasi ...	ο	4.9	79.40	5	22 35 53.30	+ 2.8101	+ 0.0103	- 0.0009	- 0.02	...
5000	...	C.P.D. - 40°. 9727 ...	...	8.0	82.77	5	22 36 3.63	+ 3.4835	- 0.0331	...	...	...
5001	7916	Gruis ...	ρ	4.8	80.57	5	22 36 14.68	+ 3.5034	- 0.0349	...	...	+ 0.04
5002	7921	67 Aquarii ...	...	6.2	71.10	5	22 36 42.64	+ 3.1358	- 0.0063	- 0.0029	+ 0.06	+ 0.12
5003	...	C.Z. XXII. 1127 ...	...	8.0	81.80	5	22 36 52.50	+ 4.0498	- 0.0970	...	...	+ 0.17
5004	7923	44 Pegasi ...	η	3.1	79.67	8	22 37 8.47	+ 2.8039	+ 0.0108	- 0.0002	- 0.23	...
5005	...	C.P.D. - 40°. 9729 ...	...	8.5	66.61	5	22 37 8.77	+ 3.4746	- 0.0327	...	...	...





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—		
										Grn. 1880	C.G.A.	
						h m s	s	s	s	s	s	
5006	7925	Gruis ... ..	7	4.9	80.20	5	22 37 56.76	+ 3.7207	- 0.0577	- 0.002	...	+ 0.08
5007	...	C.Z. XXII. 1160 ...	8.8	81.87	5	22 38 14.86	+ 3.8378	- 0.0714	...	...	+ 0.03	
5008	7926	Brisbane 7204 ...	...	5.3	81.76	5	22 38 17.34	+ 3.5761	- 0.0127	...	...	- 0.18
5009	...	C.Z. XXII. 1164 ...	...	6.5	64.75	5	22 38 20.47	+ 3.7564	- 0.0622	...	...	+ 0.01
5010	7943	46 Pegasi ... ..	ξ	4.2	79.60	5	22 40 26.87	+ 2.9798	+ 0.0031	+ 0.0126	- 0.01	...
5011	7945	47 Pegasi ... ..	λ	4.2	79.57	5	22 40 30.65	+ 2.8802	+ 0.0082	+ 0.0029	- 0.03	...
5012	...	C.P.D. - 42°. 9490 ...	...	8.5	82.81	5	22 40 34.70	+ 3.4811	- 0.0348	...	...	- 0.10
5013	7942	Brisbane 7210 ...	...	6.5	81.79	5	22 40 40.46	+ 4.0179	- 0.0973	...	...	- 0.13
5014	7946	Gruis .. ..	ε	3.7	77.72	5	22 40 59.56	+ 3.6500	- 0.0519	+ 0.0073	...	- 0.10
5015	...	W.B.E. XXII. 844 ...	...	9.0	64.56	5	22 41 7.79	+ 3.0546	- 0.0012	...	...	...
5016	...	C.P.D. - 52°. 12073 ...	...	8.2	64.62	5	22 41 32.35	+ 3.6587	- 0.0534	...	...	+ 0.04
5017	...	C.P.D. - 40°. 9742 ...	...	8.0	69.77	5	22 41 55.16	+ 3.4542	- 0.0325	...	...	- 0.08
5018	...	C.Z. XXII. 1282 ...	...	8.0	81.81	5	22 41 58.41	+ 3.6860	- 0.0577	...	...	- 0.01
5019	...	B.D. - 12°. 6353 ...	...	8.9	77.83	10	22 42 10.90	+ 3.1708	- 0.0088	...	...	...
5020	...	Lalande 44035 ...	...	7.8	77.81	10	22 42 51.18	+ 3.1661	- 0.0085	...	...	...
5021	7954	71 Aquarii ... ..	τ <sup>2</sup>	4.1	71.70	5	22 42 58.32	+ 3.1845	- 0.0098	- 0.0026	+ 0.02	+ 0.04
5022	7957	Brisbane 7215 ...	...	5.4	81.86	5	22 43 54.82	+ 3.4355	- 0.0314	0.000	...	- 0.07
5023	7958	48 Pegasi ... ..	μ	3.7	79.78	5	22 43 58.15	+ 2.8789	+ 0.0090	+ 0.0097	- 0.13	...
5024	...	C.P.D. - 40°. 9745 ...	...	9.5	69.39	5	22 44 4.88	+ 3.4444	- 0.0325	...	...	...
5025	...	C.P.D. - 45°. 10345 ...	...	8.5	70.78	5	22 44 23.26	+ 3.5154	- 0.0396	...	...	+ 0.14
5026	7961	Groombridge 3900 ...	...	5.4	79.46	5	22 44 36.99	+ 2.4496	+ 0.0225	...	- 0.09	...
5027	...	C.P.D. - 45°. 10347 ...	...	9.9	71.40	5	22 44 45.57	+ 3.5118	- 0.0394	...	...	...
5028	...	W.B.E. XXII. 918 ...	...	9.0	77.85	10	22 45 0.35	+ 3.1690	- 0.0089	...	...	...
5029	7967	32 Cephei ... ..	ι	3.6	80.41	5	22 45 13.97	+ 2.1302	+ 0.0225	- 0.0121	- 0.06	...
5030	...	C.P.D. - 39°. 9182 ...	...	7.8	65.37	5	22 45 19.32	+ 3.4309	- 0.0317	...	...	- 0.07
5031	...	C.P.D. - 45°. 10350 ...	...	8.5	69.78	5	22 45 20.13	+ 3.5096	- 0.0395	...	...	...
5032	...	C.P.D. - 43°. 9606 ...	...	8.5	82.81	5	22 45 20.26	+ 3.4775	- 0.0362	...	...	- 0.17
5033	...	C.Z. XXII. 1372 ...	...	8.8	64.78	5	22 45 24.57	+ 3.6941	- 0.0604	...	...	...
5034	...	C.Z. XXII. 1377 ...	...	8.0	64.56	5	22 45 31.95	+ 3.7692	- 0.0697	...	...	+ 0.07
5035	7966	22 Piscis Australis	γ	4.3	79.79	5	22 45 34.40	+ 3.3549	- 0.0243	- 0.0049	...	- 0.03
5036	7965	Indi ... ..	ρ	6.3	80.41	5	22 45 55.99	+ 4.2874	- 0.1477	- 0.015	...	+ 0.24
5037	7970	73 Aquarii ... ..	λ	3.8	82.45	77	22 46 5.47	+ 3.1336	- 0.0063	- 0.0012	- 0.07	- 0.06
5038	...	C.P.D. - 40°. 9749 ...	...	7.2	76.23	5	22 46 24.28	+ 3.4271	- 0.0317	...	...	- 0.03
5039	7973	Groombridge 3910 ...	...	5.8	79.40	5	22 46 29.78	+ 2.3109	+ 0.0241	+ 0.015	...	...
5040	...	C.P.D. - 50°. 11760 ...	...	8.0	81.75	5	22 46 38.75	+ 3.5771	- 0.0474	...	...	...

No.	Mean Polar Distance 1875 0	Annual Precession 1875 0	Secular Variation 1875 0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
5006	144 9 241	- 18783	- 0182	0 00	...	+ 0 4	9223	10520	11851	...	30968
5007	148 37 27 3	792	187	...	...	+ 1 6	...	...	...	...	30972
5008	137 12 10 3	794	173	...	...	+ 0 1	9229	10521	11853	...	30974
5009	115 43 12 3	795	185	...	...	+ 1 6	9226	...	11854	...	30975
5010	78 28 3 1	859	140	+ 0 479	- 0 8	...	...	10535	...	3008	...
5011	67 5 25 6	861	135	+ 0 005	- 3 8	...	...	10537	...	3010	...
5012	132 12 33 6	862	165	...	...	- 0 8	...	...	...	...	31033
5013	154 22 42 1	865	191	...	...	+ 3 0	9240	...	11882	...	31036
5014	141 38 25 0	875	172	+ 0 071	...	0 0	9249	10536	11884	...	31044
5015	87 15 13 6	878	143	...	...	...	...	...	...	...	...
5016	112 31 34 3	890	172	...	...	+ 0 7	9254	...	...	...	31055
5017	130 31 56 9	901	161	...	...	+ 2 4	...	...	...	...	31060
5018	113 58 19 2	903	172	...	...	+ 4 7	...	...	...	...	31063
5019	102 29 15 1	908	145	...	...	...	...	...	...	...	...
5020	102 0 35 7	929	115	...	...	...	...	...	...	...	...
5021	104 15 6 3	932	146	+ 0 028	- 0 9	+ 0 7	...	10547	11897	3013	31082
5022	129 49 8 2	959	155	- 0 002	...	+ 3 7	9275	10550	11902	...	31099
5023	66 2 29 5	961	129	+ 0 038	+ 0 3	...	...	10552	11903	3016	...
5024	130 31 10 8	964	157	...	...	...	...	...	...	...	1345
5025	135 39 39 8	973	159	...	...	+ 0 6	...	...	...	...	31104
5026	31 15 35 0	980	107	...	- 0 2	...	...	...	...	...	...
5027	135 33 13 1	983	158	...	...	...	...	...	...	...	...
5028	102 41 18 3	990	141	...	...	...	...	...	...	...	...
5029	24 27 23 6	997	992	+ 0 135	- 0 6	...	...	10557	...	3022	...
5030	129 57 48 6	999	154	...	...	+ 1 4	...	...	11917	...	31120
5031	135 37 47 2	- 18 909	157	...	...	...	...	...	...	...	31121
5032	133 27 2 8	- 19 000	154	...	...	- 0 4	...	...	...	...	1373
5033	115 29 33 0	991	166	...	...	...	...	...	...	...	31122
5034	118 31 4 0	995	169	...	...	+ 2 6	...	...	...	...	31123
5035	123 32 16 8	996	143	+ 0 021	...	+ 1 6	9287	10556	11918	3017	...
5036	160 14 27 4	996	190	- 0 056	...	+ 2 6	9276	...	11921	...	31127
5037	98 14 39 1	999	137	- 0 040	- 0 3	+ 0 7	...	10559	11922	3019	31130
5038	130 5 3 3	999	150	...	...	+ 0 8	9292	...	11925	...	31137
5039	28 58 3 5	992	998	- 0 037	...	...	...	10566	...	3028	...
5040	140 12 0 6	- 19 036	- 0 156	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
						h m s	s	s	s	s	s
5041	7971	74 Aquarii ... ..	5.8	74.98	10	22 46 53.88	+ 3.1635	- 0.0085	+ 0.0002	+ 0.18	+ 0.08
5042	7976	75 Aquarii ... ..	7.0	77.77	10	22 47 31.40	+ 3.1671	- 0.0088	+ 0.0010	+ 0.03	- 0.03
5043	7980	76 Aquarii ... ..	3.4	77.77	5	22 48 0.64	+ 3.1914	- 0.0111	- 0.0050	...	- 0.26
5044	...	C.P.D. - 38°. 8460 ...	9.5	74.95	5	22 48 5.91	+ 3.4052	- 0.0300	...	...	...
5045	...	C.P.D. - 37°. 9273 ...	6.6	81.77	5	22 48 13.37	+ 3.3832	- 0.0278	...	...	- 0.16
5046	...	O.A.S. 22487 ... ..	8.2	73.52	5	22 48 24.08	+ 3.2606	- 0.0166	...	...	+ 0.12
5047	7987	23 Piscis Australis	4.4	79.41	5	22 49 1.12	+ 3.3349	- 0.0238	- 0.0009	- 0.14	- 0.10
5048	...	O.A.S. 22497 ... ..	9.0	73.36	5	22 49 28.53	+ 3.2595	- 0.0168	...	...	+ 0.05
5049	...	O.A.S. 22500 ... ..	8.0	67.17	5	22 49 36.87	+ 3.2988	- 0.0204	...	...	+ 0.18
5050	...	C.Z. XXII. 1483 ...	8.5	69.97	5	22 49 46.42	+ 3.8479	- 0.0848	...	...	...
5051	...	C.Z. XXII. 1484 ...	8.0	81.85	5	22 49 48.00	+ 4.0221	- 0.1108	...	...	...
5052	...	C.P.D. - 45°. 10364 ...	9.0	67.42	5	22 49 51.51	+ 3.4808	- 0.0388	...	...	...
5053	...	Aquarii ... ..	S	Var.	69.56	10	22 50 24.13	+ 3.2258	- 0.0140	...	+ 0.14
5054	7992	24 Pis. Aust. ( <i>Fomalhaut</i> ) $\alpha$	1.3	71.69	102	22 50 44.35	+ 3.3646	- 0.0210	+ 0.0235	- 0.01	- 0.02
5055	...	C.P.D. - 33°. 6302 ...	10.0	81.82	1	22 50 45.63	+ 3.3392	- 0.0242	...	...	...
5056	...	C.P.D. - 33°. 6303 ...	8.0	81.86	4	22 50 50.45	+ 3.3389	- 0.0242	...	...	...
5057	...	C.P.D. - 20°. 8428 ...	7.5	65.77	6	22 50 54.95	+ 3.2212	- 0.0140	...	...	...
5058	...	Anonymous ... ..	9.5	81.86	5	22 51 52.57	+ 3.6319	- 0.0576	...	...	...
5059	...	C.Z. XXII. 1541 ...	8.5	81.81	5	22 51 57.24	+ 3.8874	- 0.0932	...	...	...
5060	8000	C.P.D. - 45°. 10371 ...	7.5	81.74	6	22 52 3.01	+ 3.4747	- 0.0391	...	...	- 0.13
5061	...	C.Z. XXII. 1546 ...	8.0	64.98	5	22 52 7.93	+ 3.7907	- 0.0796	...	...	...
5062	...	B.D. + 4°. 4932 ... ..	7.8	69.75	7	22 52 22.21	+ 3.0404	+ 0.0005	...	...	...
5063	...	B.D. + 4°. 4931 ... ..	9.2	68.16	5	22 52 24.06	+ 3.0409	+ 0.0005	...	...	...
5064	8008	Gruis ... ..	$\zeta$	4.1	79.39	5	22 53 29.30	+ 3.5878	- 0.0533	- 0.0102	+ 0.04
5065	...	C.P.D. - 38°. 8473 ...	8.2	68.94	5	22 54 1.71	+ 3.3691	- 0.0285	...	...	+ 0.05
5066	...	W.B.E. XXII. 1129 ...	9.0	77.78	10	22 54 55.63	+ 3.1570	- 0.0085	...	...	...
5067	...	B.D. - 11°. 5979 ... ..	9.4	70.19	5	22 55 15.17	+ 3.1492	- 0.0078	...	...	...
5068	...	C.Z. XXII. 1633 ... ..	8.0	81.78	5	22 55 20.85	+ 3.8014	- 0.0852	...	...	- 0.03
5069	...	O.A.S. 22573 ... ..	8.8	77.81	6	22 56 7.79	+ 3.2065	- 0.0130	...	...	...
5070	8023	1 Andromedæ ... ..	3.8	77.77	5	22 56[10.09]	+ 2.7452	+ 0.0186	+ 0.0011	- 0.30	...
5071	8025	Piscis Australis ...	$\pi$	5.0	79.41	5	22 56 34.53	+ 3.3320	- 0.0255	...	+ 0.04
5072	8029	Gruis ... ..	$\kappa$	5.2	66.16	5	22 57 15.51	+ 3.5816	- 0.0559	...	+ 0.03
5073	8031	4 Piscium ... ..	$\beta$	4.6	69.34	5	22 57 30.83	+ 3.0524	+ 0.0001	- 0.0003	- 0.05
5074	8032	53 Pegasi ... ..	$\beta$	Var.	69.82	10	22 57 42.95	+ 2.8863	+ 0.0117	+ 0.0132	+ 0.03
5075	...	B.D. + 32°. 4571 ...	9.5	72.00	5	22 57 43.46	+ 2.8405	+ 0.0144	...	...	...

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
5041	102 16 50.5	- 19.013	- 0.137	+ 0.012	- 0.7	0.0	...	10564	11928	3021	31143
5042	102 51 13.5	.060	.136	+ 0.035	0.0	+ 1.9	...	...	...	3024	31154
5043	106 29 6.0	.074	.136	+ 0.016	...	+ 0.3	...	10572	11935	3025	31163
5044	128 51 23.4	.076	.146	...	...	...	...	...	...	...	...
5045	127 3 15.4	.079	.144	...	...	+ 0.4	9298	...	11937	...	31168
5046	114 38 2.0	.083	.138	...	...	- 1.4	...	...	...	...	31170
5047	123 12 26.9	.100	.140	- 0.086	- 2.9	+ 2.5	9304	10578	11944	3029	31184
5048	114 49 0.7	.113	.136	...	...	- 0.8	...	...	...	...	31193
5049	119 16 22.0	.116	.139	...	...	+ 1.7	...	...	...	...	31198
5050	152 31 42.1	.120	.162	...	...	...	...	...	...	...	31202
5051	157 0 11.1	.121	.169	...	...	...	...	...	...	...	1484
5052	135 24 23.6	.122	.147	...	...	...	...	...	...	...	...
5053	111 0 35.6	.137	.134	...	...	+ 3.0	...	...	...	...	31207
5054	120 17 3.9	.146	.135	+ 0.164	- 0.1	+ 1.2	9314	10581	11951	3032	31213
5055	123 52 24.0	.147	.135	...	...	...	...	...	...	...	1500
5056	123 51 53.7	.148	.135	...	...	...	...	...	...	...	1501
5057	110 56 33.9	.150	.133	...	...	...	...	...	...	...	...
5058	145 1 18.2	.175	.147	...	...	...	...	...	...	...	...
5059	151 22 22.7	.177	.158	...	...	...	...	...	...	...	1541
5060	135 51 31.2	.179	.110	...	...	+ 1.8	9317	...	11960	...	31241
5061	151 29 43.2	.181	.155	...	...	...	...	...	...	...	1546
5062	85 19 37.6	.187	.122	...	...	...	...	...	...	...	...
5063	85 22 59.3	.188	.122	...	...	...	...	...	...	...	...
5064	143 25 25.5	.216	.142	+ 0.012	...	0.0	9322	10596	11969	...	31263
5065	128 1 48.0	.230	.132	...	...	+ 1.8	...	...	...	...	31278
5066	102 45 13.3	.252	.119	...	...	...	...	...	...	...	...
5067	101 39 33.6	.260	.121	...	...	...	...	...	...	...	...
5068	153 3 17.8	.262	.146	...	...	+ 1.6	...	...	...	...	31302
5069	110 3 14.5	.281	.121	...	...	...	...	...	...	...	...
5070	48 20 43.6	.283	.102	+ 0.014	- 0.7	...	...	10815	...	3043	...
5071	125 25 29.3	.291	.125	...	...	0.0	9350	10616	11991	...	31327
5072	144 38 4.1	.308	.135	...	...	+ 0.8	9353	...	12000	...	31340
5073	86 51 8.6	.311	.112	+ 0.015	- 1.2	...	...	10622	12001	3046	...
5074	62 35 42.3	.318	.106	- 0.142	+ 0.7	...	...	10623	...	3047	...
5075	57 8 32.3	- 19.318	- 0.104	...	...	...	...	...	...	...	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
5076	...	C.P.D. — 36°. 9694 ...	7.5	82.87	4	h m s 22 57 40.05	s + 3.3380	s — 0.0269	s + 0.567	s ...	s — 0.16
5077	...	C.Z. XXII. 1708 ...	8.2	68.41	5	22 57 51.94	+ 3.6820	— 0.0705	...	...	+ 0.25
5078	...	W.B.E. XXII. 1204 ...	8.0	77.75	10	22 57 56.67	+ 3.1538	— 0.0083	...	+ 0.03	...
5079	...	C.Z. XXII. 1712 ...	8.5	82.02	5	22 57 58.28	+ 3.8756	— 0.1003	...	...	...
5080	...	C.P.D. — 43°. 9696 ...	7.8	81.87	5	22 58 0.95	+ 3.4135	— 0.0352	...	...	— 0.12
5081	8034	54 Pegasi ( <i>Markab</i> ) ...	$\alpha$ 2.6	72.33	141	22 58 32.07	+ 2.9804	+ 0.0056	+ 0.0028	— 0.03	...
5082	...	C.Z. XXII. 1733 ...	8.5	81.77	5	22 58 38.44	+ 3.6695	— 0.0693	...	...	— 0.06
5083	...	C.P.D. — 43°. 9697 ...	7.0	82.04	5	22 58 39.45	+ 3.4107	— 0.0352	...	...	— 0.01
5084	8039	Groombridge 3975 ...	5.4	79.42	5	22 58 47.39	+ 2.2594	+ 0.0301	+ 0.001	— 0.13	...
5085	8043	Gruis ...	$\theta$ 4.4	79.60	5	22 59 49.83	+ 3.4096	— 0.0356	— 0.0080	...	+ 0.02
5086	8047	86 Aquarii ...	$\phi^1$ 4.8	80.41	5	22 59 57.88	+ 3.2294	— 0.0159	+ 0.0034	+ 0.08	+ 0.10
5087	...	C.Z. XXIII. 1 ...	8.0	65.01	5	23 0 0.54	+ 3.6791	— 0.0728	...	...	— 0.10
5088	...	C.P.D. — 38°. 8484 ...	9.0	81.77	5	23 0 21.85	+ 3.3486	— 0.0288	...	...	...
5089	...	Pegasi ...	<i>R</i> Var.	67.16	5	23 0 22.35	+ 3.0124	+ 0.0034	...	...	...
5090	...	C.Z. XXIII. 13 ...	8.8	81.87	5	23 0 23.92	+ 3.7867	— 0.0895	...	...	+ 0.01
5091	...	C.Z. XXIII. 18 ...	8.0	81.77	5	23 0 32.32	+ 3.5575	— 0.0553	...	...	+ 0.14
5092	8051	55 Pegasi ...	4.6	79.83	5	23 0 42.47	+ 3.0196	+ 0.0030	— 0.0012	— 0.01	...
5093	...	Lalande 45213 ...	7.8	77.77	10	23 0 51.65	+ 3.1477	— 0.0086	...	+ 0.02	— 0.04
5094	8052	56 Pegasi ...	4.9	80.79	5	23 1 1.39	+ 2.9151	+ 0.0108	— 0.0009	— 0.18	...
5095	...	C.Z. XXIII. 29 ...	7.2	67.58	5	23 1 3.24	+ 3.6712	— 0.0727	...	...	— 0.04
5096	...	O.A.S. 22620 ...	8.7	77.81	6	23 1 24.55	+ 3.1945	— 0.0127	...	...	...
5097	8062	88 Aquarii ...	$\phi^2$ 3.6	80.80	5	23 2 46.74	+ 3.2047	— 0.0139	+ 0.0018	— 0.03	— 0.02
5098	8061	Brisbane 7248 ...	6.8	66.38	5	23 2 52.87	+ 3.6731	— 0.0753	...	...	— 0.06
5099	8069	89 Aquarii ...	$\phi^3$ 4.9	79.66	5	23 3 14.38	+ 3.2122	— 0.0147	— 0.0045	+ 0.23	+ 0.20
5100	8067	Gruis ...	$\iota$ 4.1	80.44	5	23 3 16.72	+ 3.4105	— 0.0378	+ 0.0106	...	+ 0.18
5101	...	C.P.D. — 37°. 9313 ...	9.2	68.80	5	23 3 42.95	+ 3.3211	— 0.0271	...	...	...
5102	8074	33 Cephei ...	$\pi$ 4.5	80.83	5	23 3 55.83	+ 1.8875	+ 0.0236	— 0.0001	+ 0.35	...
5103	...	C.P.D. — 45°. 10395 ...	7.5	81.74	5	23 4 48.80	+ 3.3955	— 0.0333	...	...	...
5104	...	C.P.D. — 40°. 9791 ...	9.5	65.57	5	23 4 55.42	+ 3.3466	— 0.0305	...	...	...
5105	...	C.Z. XXIII. 142 ...	8.0	65.22	5	23 5 48.75	+ 3.5328	— 0.0571	...	...	+ 0.06
5106	...	Anonymous ...	8.0	81.77	5	23 6 18.51	+ 3.5458	— 0.0593	...	...	...
5107	8082	7 Andromedæ ...	4.7	79.45	5	23 6 49.44	+ 2.7220	+ 0.0247	+ 0.0093	— 0.19	...
5108	...	C.P.D. — 52°. 12127 ...	8.8	81.81	5	23 6 55.06	+ 3.4751	— 0.0494	...	...	...
5109	8085	90 Aquarii ...	$\phi$ 4.2	67.30	5	23 7 50.93	+ 3.1079	— 0.0045	+ 0.0009	+ 0.09	+ 0.05
5110	...	Yarnall 10233 ...	8.0	69.19	5	23 8 2.45	+ 3.3231	— 0.0294	...	...	+ 0.16

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1680	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
5076	126 31 22.0	- 19.321	- 0.124	- 1.31	...	+ 3.0	9352	...	12002	...	31353
5077	149 34 27.3	.322	.138	...	...	+ 2.3	...	...	...	...	31354
5078	102 51 8.7	.324	.115	...	+ 0.1	...	...	...	...	...	...
5079	156 0 51.5	.325	.143	...	...	...	...	...	...	...	1712
5080	133 41 57.6	.325	.125	...	...	+ 0.7	...	...	12008	...	31357
5081	75 28 1.6	.337	.107	+ 0.035	0.0	...	...	10624	12006	3050	...
5082	140 22 6.2	.340	.134	...	...	+ 3.0	...	...	...	...	31366
5083	133 45 12.4	.340	.124	...	...	+ 3.6	9360	...	12009	...	31368
5084	21 27 59.7	.344	.079	- 0.002	- 1.0	...	...	10629	...	3054	...
5085	134 11 47.3	.368	.121	+ 0.046	...	- 0.9	9366	10632	12013	...	31380
5086	114 25 3.8	.370	.114	+ 0.002	- 2.6	- 0.8	9371	10636	12016	3053	31385
5087	150 18 33.7	.371	.133	...	...	+ 2.2	...	...	...	...	31387
5088	128 49 54.0	.379	.118	...	...	...	...	...	...	...	12
5089	80 7 53.3	.379	.106	...	...	...	...	...	...	...	...
5090	154 18 7.9	.389	.131	...	...	+ 1.9	...	...	...	...	31394
5091	144 45 6.2	.393	.125	...	...	+ 3.4	9370	...	12022	...	31401
5092	81 15 53.4	.397	.105	+ 0.013	- 2.2	...	...	10640	12023	3056	...
5093	102 28 51.2	.399	.109	...	- 1.3	- 0.2	...	...	...	...	31406
5094	65 12 21.2	.394	.100	+ 0.025	- 1.6	...	...	10641	...	3057	...
5095	150 24 30.4	.395	.130	...	...	+ 1.1	9372	...	12025	...	31409
5096	109 52 53.5	.403	.110	...	...	...	...	...	...	...	...
5097	111 50 58.9	.433	.107	- 0.033	- 3.9	- 2.1	...	10650	12032	3062	31431
5098	151 14 30.0	.434	.126	...	...	+ 2.5	9377	...	12033	...	31432
5099	113 8 4.0	.442	.107	+ 0.009	- 0.5	- 0.2	9386	10657	12037	3065	31442
5100	135 55 24.7	.444	.114	+ 0.060	...	+ 0.8	9382	10655	12038	...	31445
5101	127 26 30.4	.453	.110	...	...	...	...	...	...	...	95
5102	15 17 16.1	.457	.059	+ 0.037	- 1.0	...	...	10665	...	3074	...
5103	135 24 9.2	.476	.110	...	...	...	...	...	...	...	...
5104	130 45 41.7	.478	.109	...	...	...	...	...	...	...	...
5105	145 47 4.2	.495	.114	...	...	+ 1.0	9394	...	12047	...	31482
5106	146 45 35.3	.507	.112	...	...	...	...	...	...	...	...
5107	41 16 34.4	.517	.083	- 0.091	- 0.8	...	...	10676	12056	3075	...
5108	142 42 19.4	.519	.103	...	...	...	...	...	...	...	182
5109	96 43 24.8	.537	.093	+ 0.184	- 0.8	- 0.1	...	10682	12060	3076	31521
5110	129 51 30.0	- 19.541	- 0.192	...	...	+ 0.5	...	...	...	...	31524

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
5111	8086	Rumker 587 ...	7.2	64.47	6	h m s 23 8 6.08	s + 3.6002	s - 0.0703	s ...	s ...	s + 0.25
5112	...	C.Z. XXIII. 239 ...	8.0	67.62	5	23 8 47.66	+ 3.5951	- 0.0704	...	...	+ 0.24
5113	...	Lalande 45504 ...	7.2	77.74	10	23 8 49.68	+ 3.1365	- 0.0074	...	+ 0.03	+ 0.07
5114	...	W.B.E. XXIII. 143 ...	9.0	77.77	10	23 9 14.77	+ 3.1332	- 0.0072	...	...	...
5115	...	C.P.D. - 37°. 9321 ...	8.0	81.77	5	23 9 17.76	+ 3.2898	- 0.0295	...	...	- 0.11
5116	8095	91 Aquarii ...	$\psi^1$ 4.5	71.97	5	23 9 20.56	+ 3.1227	- 0.0061	+ 0.0237	+ 0.07	+ 0.06
5117	8093	Brisbane 7266 ...	5.6	79.67	5	23 9 25.64	+ 3.6387	- 0.0783	+ 0.0215	...	- 0.14
5118	8098	Tucanae ...	$\gamma$ 4.0	78.49	5	23 10 7.23	+ 3.5511	- 0.0645	- 0.0086	...	+ 0.01
5119	8102	92 Aquarii ...	$\chi$ 5.2	79.42	5	23 10 22.09	+ 3.1147	- 0.0054	- 0.0031	...	- 0.01
5120	8101	C.Z. XXIII. 292 ...	7.6	71.12	6	23 10 29.70	+ 3.6041	- 0.0742	...	...	+ 0.08
5121	8101	C.Z. XXIII. 296 ...	6.9	68.98	5	23 10 35.13	+ 3.6032	- 0.0743	...	...	- 0.25
5122	8195	6 Piscium ...	$\gamma$ 3.8	71.44	140	23 10 41.10	+ 3.0592	+ 0.0005	+ 0.0488	- 0.01	...
5123	...	Lalande 45582 ...	6.3	77.83	10	23 11 8.52	+ 3.1314	- 0.0074	...	+ 0.05	+ 0.04
5124	...	W.B.E. XXIII. 190 ...	9.0	75.79	5	23 11 10.89	+ 3.0348	+ 0.0029	...	...	...
5125	...	C.Z. XXIII. 304 ...	7.5	71.00	5	23 11 14.22	+ 3.5750	- 0.0704	...	...	+ 0.24
5126	..	W.B.E. XXIII. 193 ...	9.0	77.89	10	23 11 21.50	+ 3.1318	- 0.0072	...	...	...
5127	8109	93 Aquarii ...	$\psi^2$ 4.5	70.84	5	23 11 24.44	+ 3.1212	- 0.0061	+ 0.0004	...	+ 0.14
5128	...	Lalande 45607 ...	8.2	75.73	5	23 11 40.83	+ 3.0288	+ 0.0036	...	...	...
5129	...	C.P.D. - 37°. 9327 ...	9.6	64.80	4	23 11 42.32	+ 3.2858	- 0.0264	...	...	...
5130	...	C.Z. XXIII. 320 ...	8.2	70.21	5	23 11 45.08	+ 3.5805	- 0.0721	...	...	...
5131	...	C.P.D. - 46°. 10524 ...	9.0	69.60	5	23 11 55.67	+ 3.3692	- 0.0882	...	...	+ 0.09
5132	8114	8 Andromedae ...	4.9	79.86	5	23 11 57.03	+ 2.7596	+ 0.0255	+ 0.0021	- 0.22	...
5133	8113	Sculptoris ...	$\gamma$ 4.6	79.67	5	23 12 4.25	+ 3.2539	- 0.0223	- 0.0027	+ 0.01	+ 0.05
5134	...	C.P.D. - 41°. 9911 ...	9.3	70.77	5	23 12 10.53	+ 3.3137	- 0.0304	...	...	...
5135	...	C.P.D. - 39°. 9227 ...	9.5	71.46	6	23 12 14.08	+ 3.3036	- 0.0290	...	...	...
5136	...	C.Z. XXIII. 334 ...	8.2	81.77	5	23 12 17.71	+ 3.5265	- 0.0634	...	...	+ 0.08
5137	8116	95 Aquarii ...	$\psi^3$ 5.1	80.77	5	23 12 27.54	+ 3.1222	- 0.0061	+ 0.0015	+ 0.09	+ 0.02
5138	...	C.P.D. - 47°. 9972 ...	8.2	69.17	5	23 12 44.65	+ 3.3659	- 0.0384	...	...	+ 0.12
5139	...	C.P.D. - 37°. 9331 ...	8.5	66.23	6	23 12 49.21	+ 3.2810	- 0.0263	...	...	...
5140	...	C.P.D. - 41°. 9914 ...	7.5	81.78	5	23 12 49.91	+ 3.3162	- 0.0311	...	...	+ 0.05
5141	8119	96 Aquarii ...	5.7	68.30	5	23 12 55.03	+ 3.1000	- 0.0038	+ 0.0111	- 0.02	- 0.10
5142	...	C.P.D. - 34°. 9238 ...	6.7	81.85	5	23 12 57.07	+ 3.2588	- 0.0232	...	...	- 0.19
5143	8122	Groombridge 4010 ...	6.8	71.61	10	23 13 22.07	+ 2.1882	+ 0.0405	...	+ 0.13	...
5144	...	Pegasi ...	$\delta$ Var.	77.81	10	23 14 13.05	+ 3.0338	+ 0.0035	...	...	...
5145	...	Lalande 45708 ...	7.5	77.82	10	23 14 22.30	+ 3.1246	- 0.0066	...	- 0.02	+ 0.03



No.	Mean Polar Distance 18750	Annual Precession 18750	Secular Variation 18750	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
5111	150 22 30.9	552	0.111	...	...	+ 3.0	9405	...	12065	...	31527
5112	150 27 43.2	556	0.110	...	...	+ 2.7	...	...	...	...	31534
5113	102 14 43.9	557	0.093	...	- 1.7	- 0.5	...	...	...	...	31535
5114	101 43 29.1	565	0.092	...	...	...	...	...	...	...	...
5115	127 48 4.1	566	0.098	...	...	0.0	...	...	...	...	31543
5116	99 46 6.3	567	0.092	+ 0.005	- 1.2	+ 0.1	...	10687	...	3078	31545
5117	152 40 57.4	568	0.108	+ 0.050	...	+ 2.2	9412	...	12072	...	31547
5118	148 55 15.9	581	0.104	- 0.075	...	+ 2.3	9420	10691	12083	...	31563
5119	98 24 28.5	586	0.090	+ 0.003	...	+ 1.6	...	10695	...	3081	31565
5120	151 40 53.1	588	0.105	...	...	+ 2.4	9423	...	12085	...	31568
5121	151 41 0.2	590	0.106	...	...	+ 1.4	9423	...	...	...	31570
5122	87 24 1.8	592	0.087	- 0.019	- 0.1	...	...	10696	...	3082	...
5123	102 23 41.3	600	0.089	...	- 0.5	+ 1.2	...	...	...	...	...
5124	82 28 10.2	601	0.086	...	...	...	...	...	...	...	...
5125	150 40 59.2	602	0.104	...	...	+ 2.2	9428	...	12090	...	31578
5126	101 50 50.2	604	0.088	...	...	...	...	...	...	...	...
5127	99 51 53.2	605	0.088	+ 0.015	...	+ 1.3	...	10700	12094	3083	31585
5128	81 10 41.5	609	0.085	...	...	...	...	...	...	...	...
5129	127 21 59.6	610	0.093	...	...	...	...	...	...	...	320
5130	151 12 9.7	611	0.103	...	...	...	...	...	...	...	...
5131	136 50 46.2	615	0.098	...	...	+ 2.9	...	...	...	...	31590
5132	41 40 1.0	616	0.075	+ 0.012	- 2.2	...	...	10705	...	3089	...
5133	123 12 46.8	617	0.091	+ 0.071	0.0	+ 0.7	9435	10704	12096	...	31591
5134	131 4 35.1	619	0.093	...	...	...	...	...	...	...	...
5135	129 51 17.9	621	0.093	...	...	...	...	...	...	...	331
5136	148 48 25.5	621	0.098	...	...	- 1.1	...	...	...	...	31597
5137	100 17 37.3	625	0.086	- 0.098	- 1.0	+ 0.5	...	10708	12101	3087	31601
5138	137 0 19.5	629	0.094	...	...	+ 0.4	...	...	...	...	31609
5139	127 21 16.1	630	0.087	...	...	...	...	...	...	...	349
5140	131 46 0.7	631	0.091	...	...	+ 0.8	9441	...	12105	...	31611
5141	95 48 24.9	632	0.085	- 0.002	- 1.0	- 0.7	...	10715	...	3090	31614
5142	124 23 28.7	634	0.089	...	...	+ 4.1	9444	...	12107	...	31615
5143	16 59 38.6	641	0.057	...	...	+ 0.5	...	...	...	...	...
5144	81 45 51.3	656	0.080	...	...	...	...	...	...	...	...
5145	101 12 59.7	- 19.658	- 0.082	...	- 1.2	+ 1.1	...	...	...	...	31639

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
5146	8131	62 Pegasi ... ..	$\tau$ 4.7	79.59	5	h m s 23 14 27.17	s + 2.9599	s + 0.0109	s + 0.0007	s + 0.05	s ...
5147	...	Cephei ... ..	$\mathcal{I}$ Var.	74.46	10	23 14 57.09	+ 2.6933	+ 0.0316	...	...	...
5148	...	C.Z. XXIII. 407 ...	8.5	81.81	5	23 15 11.32	+ 3.5343	- 0.0686	...	...	...
5149	...	C.P.D. - 40° .9826 ...	9.0	67.52	7	23 15 53.44	+ 3.2924	- 0.0296	...	...	...
5150	...	C.P.D. - 40° .9829 ...	9.0	71.24	5	23 16 17.89	+ 3.2896	- 0.0295	...	...	...
5151	8144	98 Aquarii ... ..	$\beta^1$ 4.1	79.41	5	23 16 24.29	+ 3.1681	- 0.0124	- 0.0105	...	+ 0.11
5152	...	Lalande 45777 ... ..	8.0	77.83	10	23 16 31.35	+ 3.1233	- 0.0066	...	+ 0.09	+ 0.10
5153	...	C.P.D. - 37° .9340 ...	9.0	70.57	5	23 17 30.09	+ 3.1606	- 0.0259	...	...	...
5154	...	O.A.S 22814 ... ..	6.9	72.83	5	23 17 32.49	+ 3.1588	- 0.0133	...	...	- 0.07
5155	8157	Brisbane 7285 ... ..	5.5	67.52	7	23 18 10.93	+ 3.4536	- 0.0582	...	...	- 0.02
5156	...	C.P.D. - 41° .9932 ...	9.9	71.50	6	23 18 50.95	+ 3.2804	- 0.0304	...	...	...
5157	...	C.P.D. - 37° .9346 ...	8.5	68.61	5	23 19 5.75	+ 3.2527	- 0.0255	...	...	...
5158	8160	68 Pegasi ... ..	$\nu$ 4.6	80.24	5	23 19 8.36	+ 2.9729	+ 0.0111	+ 0.0124	- 0.16	...
5159	...	C.Z. XXIII. 516 ...	7.5	81.78	5	23 19 9.04	+ 3.5564	- 0.0795	...	...	- 0.38
5160	8162	4 Cassiopeiae ... ..	5.2	79.66	5	23 19 17.30	+ 2.6354	+ 0.0388	+ 0.0009	- 0.17	...
5161	8161	99 Aquarii ... ..	$\beta^2$ 4.4	79.45	5	23 19 28.62	+ 3.1640	- 0.0125	- 0.0052	- 0.07	- 0.03
5162	...	Lalande 45885 ... ..	8.2	77.79	10	23 20 15.97	+ 3.1200	- 0.0066	...	...	...
5163	...	B.D. - 19° .6454 ...	9.5	73.41	5	23 20 18.07	+ 3.1527	- 0.0111	...	...	...
5164	...	C.Z. XXIII. 554 ...	8.5	69.02	5	23 20 20.77	+ 3.4975	- 0.0703	...	...	...
5165	8169	8 Piscium ... ..	$\kappa$ 5.0	70.55	139	23 20 31.46	+ 3.0699	0.0000	+ 0.0042	- 0.01	...
5166	...	B.D. + 1° .4725 ...	8.0	66.65	5	23 21 19.34	+ 3.0676	+ 0.0003	...	...	...
5167	8177	10 Piscium ... ..	$\theta$ 4.4	69.74	5	23 21 37.66	+ 3.0500	+ 0.0026	- 0.0104	...	...
5168	...	C.P.D. - 47° .9994 ...	8.0	65.04	4	23 21 39.70	+ 3.3144	- 0.0375	...	...	...
5169	8180	Groombridge 4071 ...	5.7	80.60	5	23 21 59.80	+ 2.4704	+ 0.0489	+ 0.028	- 0.28	...
5170	...	C.P.D. - 47° .9996 ...	8.5	71.75	1	23 22 13.95	+ 3.3108	- 0.0373	...	...	...
5171	...	W.B.E. XXIII. 424 ...	8.9	75.72	5	23 22 21.47	+ 3.0287	+ 0.0055	...	...	...
5172	...	W.B.E. XXIII. 423 ...	8.5	78.26	10	23 22 23.46	+ 3.1138	- 0.0060	...	...	...
5173	...	Lalande 45965 ... ..	6.5	77.74	10	23 22 32.72	+ 3.1104	- 0.0055	...	+ 0.10	+ 0.08
5174	8182	70 Pegasi ... ..	$\zeta$ 4.6	79.63	5	23 22 50.06	+ 3.0260	+ 0.0059	+ 0.0026	+ 0.08	...
5175	...	C.Z. XXIII. 640 ...	8.5	81.81	5	23 23 44.04	+ 3.4839	- 0.0734	...	...	+ 0.06
5176	...	W.B.E. XXIII. 453 ...	9.0	77.87	10	23 23 46.00	+ 3.1136	- 0.0061	...	...	...
5177	8186	Brisbane 7296 ... ..	6.7	81.75	5	23 23 48.81	+ 3.2600	- 0.0308	0.000	...	- 0.29
5178	...	C.P.D. - 37° .9361 ...	7.0	68.59	5	23 23 51.79	+ 3.2332	- 0.0254	...	...	+ 0.19
5179	...	C.Z. XXIII. 648 ...	8.2	81.79	5	23 24 2.55	+ 3.5214	- 0.0823	...	...	- 0.19
5180	...	C.Z. XXIII. 655 ...	8.5	64.98	5	23 24 14.93	+ 3.4166	- 0.0605	...	...	- 0.14

No.	Mean Polar Distance 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
5146	66 56 37.8	- 19.660	- 0.077	+ 0.010	+ 0.07	...	...	10727	...	3096	...
5147	31 34 12.8	.608	.069	...	...	...	...	...	...	...	...
5148	150 39 38.0	.672	.092	...	...	...	...	...	...	...	407
5149	130 42 38.6	.683	.085	...	...	...	...	...	...	...	425
5150	130 36 9.7	.690	.084	...	...	...	...	...	...	...	436
5151	110 46 57.7	.692	.079	+ 0.089	...	- 0.2	...	10786	12121	3105	31676
5152	101 27 31.8	.695	.078	...	- 0.1	+ 0.9	...	10737	...	...	31680
5153	127 23 51.4	.710	.081	...	...	...	...	...	...	...	481
5154	109 22 33.6	.711	.077	...	...	+ 0.7	...	...	...	...	31703
5155	147 32 7.8	.722	.085	...	...	+ 3.4	9463	10748	12133	...	31714
5156	131 4 51.3	.732	.078	...	...	...	...	...	...	...	...
5157	127 14 9.5	.736	.077	...	...	...	...	...	...	...	513
5158	67 17 3.0	.736	.069	- 0.033	+ 1.0	...	...	10753	...	3114	...
5159	153 55 28.7	.737	.084	...	...	+ 1.3	9465	...	12138	...	31730
5160	28 24 11.0	.739	.060	+ 0.016	- 1.1	...	...	10757	...	3115	...
5161	111 19 36.7	.742	.073	+ 0.054	- 1.8	+ 0.7	...	10756	12139	3113	31734
5162	101 43 11.4	.754	.069	...	...	...	...	...	...	...	...
5163	100 15 43.5	.754	.071	...	...	...	...	...	...	...	...
5164	151 34 28.6	.755	.081	...	...	...	...	...	...	...	554
5165	89 25 43.2	.758	.069	+ 0.089	+ 0.2	...	...	10764	12151	3116	...
5166	88 48 4.3	.769	.068	...	...	...	...	...	...	...	...
5167	84 18 24.7	.774	.067	+ 0.045	...	...	...	10773	12158	3120	...
5168	137 24 7.2	.774	.074	...	...	...	...	...	...	...	584
5169	20 19 38.5	.780	.052	+ 0.009	- 1.9	...	...	10778	...	3125	...
5170	137 24 41.4	.783	.070	...	...	...	...	...	...	...	608
5171	78 44 33.2	.784	.065	...	...	...	...	...	...	...	...
5172	100 47 20.8	.785	.066	...	...	...	...	...	...	...	...
5173	99 57 14.5	.787	.066	...	+ 0.4	+ 2.4	...	...	...	...	31787
5174	77 55 41.5	.791	.063	- 0.032	- 3.1	...	...	10779	...	3122	...
5175	152 53 58.3	.804	.071	...	...	+ 3.5	...	...	...	...	31807
5176	101 8 18.9	.804	.062	...	...	...	...	...	...	...	...
5177	132 40 31.6	.805	.066	+ 0.10	...	+ 0.3	9495	10784	12170	...	31809
5178	127 38 49.4	.806	.066	...	...	+ 2.4	9496	...	12171	...	31810
5179	155 3 37.6	.808	.071	...	...	- 1.0	...	...	...	...	31814
5180	148 53 58.0	- 19.810	- 0.070	...	...	+ 2.9	...	...	...	...	31818

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800 +	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras -	
										Grn. 1880	C.G.A.
5181	8188	B.H. 435 .. ...	4.8	79.46	5	h m s 23 24 15.78	s + 2.7417	s + 0.0369	s ...	s ...	s ...
5182	...	R.P.L. 155 .. ...	7.0	83.94	36	23 24 16.08	+ 0.2922	- 0.3188	...	...	...
5183	...	W.B.E. XXIII. 463 .. ...	9.0	77.54	10	23 24 22.91	+ 3.1118	- 0.0059	...	...	...
5184	...	C.P.D. - 36°. 9757 .. ...	8.5	69.56	5	23 24 53.60	+ 3.2258	- 0.0247	...	...	- 0.01
5185	...	C.P.D. - 39°. 9259 .. ...	9.5	65.83	5	23 26 5.46	+ 3.2366	- 0.0275	...	...	+ 0.07
5186	...	B.D. - 18°. 6330 .. ...	8.2	72.81	5	23 26 11.86	+ 3.1379	- 0.0103	...	...	...
5187	8201	Sculptoris ... $\beta$	4.6	79.42	5	23 26 16.00	+ 3.2282	- 0.0260	+ 0.0047	...	+ 0.19
5188	...	B.D. - 18°. 6331 .. ...	8.5	73.59	5	23 26 20.35	+ 3.1386	- 0.0104	...	...	...
5189	...	C.P.D. - 41°. 9941 .. ...	8.0	70.59	5	23 26 28.53	+ 3.2449	- 0.0293	...	...	+ 0.07
5190	...	W.B.E. XXIII. 514 .. ...	9.0	77.78	10	23 26 36.69	+ 3.1066	- 0.0053	...	...	...
5191	8202	101 Aquarii ... .. $\delta^4$	4.7	79.69	5	23 26 44.10	+ 3.1488	- 0.0122	- 0.0020	+ 0.08	+ 0.11
5192	...	C.P.D. - 36°. 9764 .. ...	7.0	68.18	5	23 27 4.32	+ 3.2162	- 0.0244	...	...	- 0.14
5193	...	O.A.N. 25745 .. ...	8.2	81.77	5	23 27 31.49	+ 2.7626	+ 0.0389	...	...	...
5194	8213	Groombridge 4101 ( <i>R.P.L. 168</i> )	5.6	74.48	69	23 27 40.95	- 0.0930	- 0.5293	+ 0.0845	+ 0.33	...
5195	8208	Brisbane 7302 .. ...	6.6	64.78	6	23 28 6.66	+ 3.3635	- 0.0555	...	...	+ 0.19
5196	...	B.D. - 18°. 6339 .. ...	8.8	74.02	5	23 28 16.15	+ 3.1336	- 0.0101	...	...	...
5197	8210	Phoenicis ... .. $\iota$	4.9	79.65	5	23 28 20.96	+ 3.2457	- 0.0310	+ 0.0001	...	+ 0.18
5198	...	C.Z. XXIII. 766 .. ...	7.5	64.97	5	23 28 22.94	+ 3.3686	- 0.0572	...	...	- 0.02
5199	...	C.P.D. - 44°. 10345 .. ...	8.5	81.83	5	23 29 17.30	+ 3.2455	- 0.0318	...	...	- 0.17
5200	...	C.P.D. - 48°. 10917 .. ...	8.8	60.27	5	23 29 32.08	+ 3.2701	- 0.0372	...	...	+ 0.09
5201	...	C.P.D. - 40°. 9853 .. ...	9.2	70.01	5	23 30 15.99	+ 3.2177	- 0.0272	...	...	...
5202	...	C.P.D. - 37°. 9878 .. ...	7.8	68.82	5	23 30 17.58	+ 3.2049	- 0.0246	...	...	- 0.07
5203	...	C.Z. XXIII. 824 .. ...	7.5	65.39	5	23 30 26.62	+ 3.3569	- 0.0583	...	...	- 0.11
5204	...	C.P.D. - 47°. 10016 .. ...	8.5	65.41	5	23 30 30.40	+ 3.2581	- 0.0360	...	...	...
5205	...	C.Z. XXIII. 843 .. ...	7.0	65.41	5	23 31 1.70	+ 3.3515	- 0.0583	...	...	- 0.11
5206	8224	16 Andromedæ ... .. $\lambda$	4.0	80.02	5	23 31 27.00	+ 2.9015	+ 0.0274	+ 0.0140	- 0.02	...
5207	8229	17 Andromedæ ... .. $\iota$	4.3	80.42	5	23 32 0.42	+ 2.9226	+ 0.0250	+ 0.0011	- 0.10	...
5208	...	C.Z. XXIII. 890 .. ...	7.5	81.80	5	23 32 35.94	+ 3.4469	- 0.0865	...	...	- 0.10
5209	8230	Phoenicis ( <i>2nd</i> ) ... .. $\theta$	6.5	80.26	5	23 32 45.02	+ 3.2443	- 0.0354	...	...	+ 0.11
5210	...	C.P.D. - 48°. 10927 .. ...	8.5	80.84	5	23 33 9.92	+ 3.2474	- 0.0368	...	...	...
5211	...	C.P.D. - 48°. 10929 .. ...	7.0	80.30	5	23 33 16.71	+ 3.2450	- 0.0364	...	...	+ 0.02
5212	8232	102 Aquarii ... .. $\omega^1$	5.2	80.80	5	23 33 17.99	+ 3.1137	- 0.0077	+ 0.0024	- 0.03	- 0.02
5213	8233	17 Piscium ... .. $\iota$	4.3	71.55	152	23 33 31.26	+ 3.0588	+ 0.0030	+ 0.0235	+ 0.01	...
5214	...	C.Z. XXIII. 923 .. ...	9.2	81.79	5	23 33 54.87	+ 3.3579	- 0.0656	...	...	...
5215	8238	35 Cephei ... .. $\gamma$	3.5	75.42	19	23 34 14.05	+ 2.4258	+ 0.0748	- 0.0197	+ 0.10	...

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras—		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
5181	32 8 24.7	- 19.811	- 0.053	...	...	...	...	10786	...	...	...
5182	4 16 15.6	.811	+ 0.002	...	...	...	...	...	...	...	...
5183	100 50 42.0	.813	- 0.061	...	...	...	...	...	...	...	...
5184	126 58 38.4	.819	.063	...	...	+ 1.2	...	...	12179	...	31830
5185	129 48 21.5	.835	.062	...	...	+ 0.6	...	...	...	...	31855
5186	108 30 5.6	.837	.058	...	...	...	...	...	...	...	...
5187	128 30 33.9	.837	.060	+ 0.016	...	+ 0.5	9513	10797	12191	...	31859
5188	108 44 27.6	.838	.058	...	...	...	...	...	...	...	...
5189	131 32 8.5	.840	.061	...	...	+ 2.0	9514	...	12193	...	31863
5190	100 3 28.1	.842	.057	...	...	...	...	...	...	...	...
5191	111 36 17.6	.844	.057	- 0.099	- 2.0	- 1.2	...	10800	...	3130	31869
5192	126 57 18.8	.847	.059	...	...	+ 1.4	9517	...	12197	...	31880
5193	31 22 59.9	.854	- 0.048	...	...	...	...	...	...	...	...
5194	3 22 56.4	.857	+ 0.011	- 0.003	+ 0.5	...	...	...	...	3147	...
5195	147 30 57.1	.860	- 0.060	...	...	+ 0.7	9520	10804	12203	...	31900
5196	108 24 5.3	.862	.054	...	...	...	...	...	...	...	...
5197	133 18 21.1	.863	.056	+ 0.005	...	- 0.3	9523	10809	12206	...	31906
5198	148 11 8.2	.863	.060	...	...	+ 2.2	...	...	...	...	31907
5199	134 8 26.2	.874	.054	...	...	+ 4.7	...	...	...	...	31921
5200	138 9 26.7	.877	.054	...	...	+ 0.8	...	...	...	...	31927
5201	130 3 28.1	.886	.052	...	...	...	...	...	...	...	...
5202	127 29 30.3	.886	.052	...	...	+ 2.0	...	...	...	...	31940
5203	148 51 39.9	.888	.055	...	...	+ 1.9	...	...	...	...	31942
5204	137 16 26.6	.888	.053	...	...	...	...	...	...	...	826
5205	148 53 3.3	.893	.054	...	...	+ 2.7	...	...	...	...	31953
5206	44 13 8.2	.899	.044	+ 0.430	+ 0.3	...	...	10830	...	3143	...
5207	47 25 24.9	.905	.043	+ 0.007	- 0.7	...	...	10834	...	3144	...
5208	156 56 45.2	.911	.051	...	...	+ 2.9	...	...	...	...	31980
5209	137 19 53.4	.913	.047	...	...	+ 0.3	9543	10836	12228	...	31982
5210	138 16 54.1	.917	.046	...	...	...	...	...	...	...	506
5211	138 1 6.9	.918	.046	...	...	- 0.6	9545	...	...	...	31990
5212	104 54 46.1	.919	.045	+ 0.041	- 1.9	- 0.5	...	10838	12233	3145	31991
5213	85 3 3.6	.921	.042	+ 0.437	- 0.5	...	...	10839	12234	3148	...
5214	152 0 38.1	.925	.047	...	...	...	...	...	...	...	923
5215	13 3 55.9	- 19.928	- 0.031	- 0.143	- 1.2	...	...	10849	...	3152	...

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
5216	8237	19 Andromedæ ... $\kappa$	4.4	80.23	5	23 34 15.24	+ 2.9293	+ 0.0262	+ 0.0065	- 0.11	...
5217	8239	Piazzini, XXIII. 153 ...	6.1	70.76	5	23 34 40.57	+ 3.1045	- 0.0062	...	- 0.14	- 0.16
5218	...	C.Z. XXIII. 958 ...	9.0	67.83	5	23 34 56.67	+ 3.3003	- 0.0532	...	...	...
5219	8240	103 Aquarii ... $\lambda^1$	5.7	79.63	5	23 35 5.17	+ 3.1213	- 0.0099	- 0.0042	+ 0.11	+ 0.04
5220	8242	104 Aquarii ... $\lambda^2$	4.8	79.66	5	23 35 16.40	+ 3.1204	- 0.0097	+ 0.0010	+ 0.09	+ 0.04
5221	...	C.Z. XXIII. 972 ...	7.5	81.78	5	23 35 32.50	+ 3.3373	- 0.0643	...	...	- 0.18
5222	...	B.D. - 17°. 6800 ...	9.4	74.47	5	23 35 37.91	+ 3.1176	- 0.0092	...	...	...
5223	8243	18 Piscium .. $\lambda$	4.7	71.76	5	23 35 40.06	+ 3.0697	+ 0.0011	- 0.0107	- 0.02	...
5224	...	Anonymous ...	8.0	81.85	5	23 35 45.45	+ 3.2996	- 0.0545	...	...	...
5225	...	B.D. - 17°. 6801 ...	9.4	74.81	5	23 35 46.71	+ 3.1174	- 0.0092	...	...	...
5226	8244	Rumker 611 ...	8.2	71.29	6	23 35 47.65	+ 3.3037	- 0.0561	...	...	+ 0.13
5227	...	B.D. - 17°. 6802 ...	9.2	74.45	5	23 36 2.38	+ 3.1171	- 0.0093	...	...	...
5228	8246	105 Aquarii ... $\omega^2$	4.7	79.49	5	23 36 14.20	+ 3.1099	- 0.0077	+ 0.0047	- 0.10	- 0.10
5229	...	C.P.D. - 38°. 8559 ...	9.0	71.03	5	23 36 33.71	+ 3.1790	- 0.0244	...	...	- 0.01
5230	...	Aquarii ... $R$	Var.	69.63	12	23 37 21.14	+ 3.1091	- 0.0081	...	...	+ 0.07
5231	...	C.P.D. - 41°. 9961 ...	7.5	81.80	5	23 37 34.59	+ 3.1872	- 0.0275	...	...	0.00
5232	8256	78 Pegasi ...	4.9	79.85	5	23 37 42.29	+ 3.0012	+ 0.0162	+ 0.0053	- 0.06	...
5233	8255	106 Aquarii ... $i^1$	5.3	80.39	5	23 37 42.90	+ 3.1168	- 0.0099	+ 0.0006	- 0.15	- 0.08
5234	...	C.P.D. - 52°. 12212 ...	7.8	81.81	5	23 39 1.42	+ 3.2339	- 0.0429	...	...	...
5235	...	C.P.D. - 38°. 8564 ...	8.0	65.65	6	23 39 25.43	+ 3.1682	- 0.0248	...	...	+ 0.02
5236	8261	20 Andromedæ ... $\psi$	5.0	79.64	5	23 39 50.47	+ 2.9518	+ 0.0290	+ 0.0005	- 0.26	...
5237	8262	19 Piscium ...	5.2	70.51	5	23 40 0.25	+ 3.0666	+ 0.0021	- 0.0050	- 0.03	...
5238	...	C.Z. XXIII. 1092 ...	7.2	81.77	5	23 40 8.92	+ 3.2470	- 0.0494	...	...	+ 0.04
5239	8263	5 Cassiopeie ... $\tau$	5.2	79.67	5	23 40 56.85	+ 2.8948	+ 0.0130	+ 0.0069	...	...
5240	...	C.P.D. - 38°. 8566 ...	7.5	68.22	5	23 40 57.73	+ 3.1616	- 0.0246	...	...	+ 0.24
5241	8271	20 Piscium ...	5.7	71.79	5	23 41 30.96	+ 3.0787	- 0.0010	+ 0.0048	- 0.02	- 0.03
5242	...	Anonymous ...	8.1	81.85	5	23 41 38.72	+ 3.2795	- 0.0647	...	...	...
5243	...	C.P.D. - 38°. 8567 ...	9.0	65.41	5	23 41 39.26	+ 3.1580	- 0.0244	...	...	+ 0.10
5244	8273	41 Cephei (Hev.) ...	5.1	80.06	5	23 41 56.46	+ 2.8230	+ 0.0601	0.0000	- 0.23	...
5245	8275	Sculptoris ... $\delta$	4.6	72.25	130	23 42 24.72	+ 3.1286	- 0.0161	+ 0.0051	0.00	+ 0.01
5246	...	C.P.D. - 52°. 12217 ...	8.5	67.15	5	23 42 33.76	+ 3.2024	- 0.0408	...	...	+ 0.23
5247	...	C.Z. XXIII. 1150 ...	8.0	67.81	5	23 42 39.40	+ 3.2529	- 0.0589	...	...	- 0.06
5248	...	Lalande 46650 ...	9.0	65.98	5	23 42 40.46	+ 3.0692	+ 0.0018	+ 0.0641	- 0.06	...
5249	8278	Brisbane 7331 ...	6.9	81.78	5	23 43 0.26	+ 3.2710	- 0.0667	...	...	- 0.05
5250	8281	21 Piscium ...	6.1	71.85	5	23 43 3.49	+ 3.0715	+ 0.0011	- 0.0016	+ 0.02	...

5230.—Bed

5248.—P. M. Bonn Obs. Vol. VII.

No.	Mean Polar Distance 1875'0	Annual Precession 1875'0	Secular Variation 1875'0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Auwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
5216	46 21 27.9	- 19.928	- 0.039	+ 0.026	- 1.9	...	...	10845	...	3149	...
5217	102 22 25.1	.932	.041	...	- 0.3	- 0.2	...	10848	12242	...	32014
5218	147 23 48.5	.934	.045	...	...	...	...	...	...	...	958
5219	108 43 3.8	.936	.040	+ 0.075	+ 1.0	+ 0.6	...	10850	12244	3150	32019
5220	108 30 33.3	.938	.040	- 0.022	- 1.1	- 1.6	...	10852	12245	3151	32023
5221	151 45 19.4	.910	.043	...	...	+ 2.1	9557	...	12249	...	32029
5222	107 45 37.4	.911	.039	...	...	...	...	...	...	...	...
5223	88 54 28.6	.911	.039	+ 0.137	+ 0.2	...	...	10854	12250	3153	...
5224	148 10 19.5	.912	.042	...	...	...	...	...	...	...	...
5225	107 45 47.2	.912	.039	...	...	...	...	...	...	...	...
5226	148 39 18.6	.912	.043	...	...	+ 1.5	...	...	...	...	32032
5227	107 50 47.7	.915	.038	...	...	...	...	...	...	...	...
5228	105 14 9.7	.917	.038	+ 0.060	+ 0.2	+ 0.7	...	10856	...	3154	32043
5229	128 6 2.2	.919	.039	...	...	+ 1.1	...	...	...	...	32048
5230	105 58 37.9	.956	.036	...	...	+ 1.0	...	...	...	...	32068
5231	131 22 46.9	.959	.036	...	...	+ 1.1	9578	...	12267	...	32071
5232	61 19 49.8	.960	.034	+ 0.034	- 1.3	...	...	10863	...	3160	...
5233	108 58 13.2	.960	.035	+ 0.011	- 2.0	+ 0.1	...	10862	12269	3159	32076
5234	142 55 48.0	.971	.034	...	...	...	...	...	...	...	1061
5235	128 40 14.0	.973	.034	...	...	+ 1.0	9583	...	12274	...	32102
5236	44 16 24.7	.977	.029	+ 0.016	- 0.2	...	...	10878	...	3163	...
5237	87 12 23.4	.978	.031	+ 0.023	- 1.2	...	...	10879	...	3162	...
5238	146 30 15.5	.979	.032	...	...	+ 0.1	9589	...	12280	...	32121
5239	32 2 40.3	.985	.026	- 0.052	...	...	...	10885	...	3164	...
5240	128 51 4.1	.985	.030	...	...	+ 2.0	9597	...	12288	...	32138
5241	93 27 23.4	.989	.028	- 0.003	- 0.2	- 0.4	...	10886	...	3165	32147
5242	152 42 14.2	.990	.029	...	...	...	...	...	...	...	...
5243	128 42 59.8	.990	.029	...	...	+ 1.1	...	...	12293	...	32148
5244	22 53 14.7	.992	.023	+ 0.006	- 1.2	...	...	10889	...	3166	...
5245	118 49 18.1	.995	.026	+ 0.101	- 0.7	+ 0.6	9603	10890	12297	...	32161
5246	142 0 45.1	.996	.028	...	...	- 0.1	...	...	...	...	32163
5247	150 46 18.9	.997	.028	...	...	+ 4.4	...	...	...	...	32166
5248	88 15 38.2	.997	.026	+ 0.994	+ 0.6	...	...	...	...	...	...
5249	153 32 1.8	- 19.999	.026	...	...	+ 1.8	9604	...	12300	...	32172
5250	89 37 5.2	- 20.000	- 0.025	+ 0.030	+ 0.8	...	...	10895	...	3167	..

GENERAL CATALOGUE OF STARS FOR 1875.0

No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875.0	Annual Precession 1875.0	Secular Variation 1875.0	Annual Proper Motion	Madras —	
										Grn. 1880	C.G.A.
						h m s	s	s			
5251	8283	Rumker 616 ...	8.0	81.79	5	23 43 15.84	+ 3.2545	- 0.0613	...	...	+ 0.07
5252	...	C.Z. XXIII. 1169 ...	8.8	70.62	5	23 43 17.89	+ 3.2468	- 0.0590	...	...	+ 0.26
5253	...	C.P.D. - 39°. 9290 ...	9.0	71.41	5	23 43 21.73	+ 3.1527	- 0.0251	...	...	...
5254	...	B.D. + 4°. 5057 ...	9.0	74.81	5	23 43 37.21	+ 3.0643	+ 0.0034	...	...	...
5255	...	C.P.D. - 49°. 11813 ...	9.0	81.83	5	23 45 23.40	+ 3.1721	- 0.0362	...	...	...
5256	8295	22 Piscium ...	5.9	71.63	5	23 45 33.93	+ 3.0690	+ 0.0022	0.0000	+ 0.02	...
5257	...	C.P.D. - 50°. 11873 ...	8.0	81.89	5	23 47 6.55	+ 3.1622	- 0.0367	...	...	+ 0.09
5258	...	C.P.D. - 38°. 8576 ...	8.0	69.38	5	23 47 26.48	+ 3.1296	- 0.0232	...	...	...
5259	...	Anonymous ...	9.4	72.61	5	23 47 32.08	+ 3.2016	- 0.0568	...	...	...
5260	...	C.Z. XXIII. 1297 ...	7.2	65.82	4	23 47 36.82	+ 3.1986	- 0.0557	...	...	- 0.05
5261	8309	Brisbane 7343 ...	6.1	81.76	5	23 48 5.23	+ 3.1326	- 0.0257	...	...	+ 0.12
5262	...	C.Z. XXIII. 1310 ...	9.0	71.82	4	23 48 6.14	+ 3.1959	- 0.0566	...	...	...
5263	...	C.P.D. - 38°. 8579 ...	8.5	65.81	5	23 48 18.08	+ 3.1271	- 0.0237	...	...	- 0.01
5264	...	C.P.D. - 38°. 8581 ...	7.8	66.82	5	23 48 36.45	+ 3.1244	- 0.0230	...	...	+ 0.03
5265	8314	Groombridge 4163 ...	6.6	79.25	5	23 48 46.36	+ 2.8483	+ 0.0886	...	+ 0.33	...
5266	...	C.P.D. - 39°. 9302 ...	8.5	69.39	5	23 49 39.99	+ 3.1223	- 0.0244	...	...	- 0.20
5267	...	C.Z. XXIII. 1371 ...	7.5	68.23	5	23 50 32.12	+ 3.1636	- 0.0512	...	...	+ 0.12
5268	8323	Tucanæ ...	7	79.98	7	23 51 0.57	+ 3.1846	- 0.0672	+ 0.015	...	+ 0.03
5269	...	C.P.D. - 52°. 12233 ...	9.0	82.06	5	23 51 9.83	+ 3.1403	- 0.0398	...	...	...
5270	...	W.B.E. XXIII. 1032 ...	9.0	82.93	5	23 51 23.94	+ 3.0681	+ 0.0039	...	...	...
5271	8325	Rumker 623 ...	7.1	81.78	5	23 51 50.34	+ 3.1685	- 0.0629	...	...	- 0.34
5272	...	Cassiopeia ... <i>R</i> Var.	7.0	70.29	10	23 52 3.83	+ 3.0157	+ 0.0364	...	- 0.22	...
5273	8328	27 Piscium ...	5.0	79.46	5	23 52 16.50	+ 3.0755	- 0.0007	- 0.0050	...	+ 0.14
5274	...	C.Z. XXIII. 1419 ...	8.5	68.96	5	23 52 20.13	+ 3.1574	- 0.0590	...	...	+ 0.05
5275	8329	Phoenicis ...	5.1	79.50	5	23 52 26.71	+ 3.1316	- 0.0403	0.0000	...	+ 0.01
5276	...	Anonymous ...	9.7	69.22	5	23 52 33.74	+ 3.1303	- 0.0402	...	...	...
5277	8331	28 Piscium ...	4.2	71.43	121	23 52 53.56	+ 3.0677	+ 0.0047	+ 0.0086	+ 0.01	...
5278	...	C.P.D. - 42°. 9646 ...	8.0	81.81	5	23 53 7.62	+ 3.1096	- 0.0270	...	...	+ 0.08
5279	8334	Tucanæ ...	4.6	79.70	5	23 53 24.49	+ 3.1597	- 0.0703	+ 0.0043	...	+ 0.13
5280	8336	Groombridge 4193 ( <i>R.P.L. 162</i> )	6.9	82.57	20	23 53 40.77	+ 2.5436	+ 0.2826	+ 0.0220	+ 0.50	...
5281	...	B.D. - 11°. 6174 ...	9.9	80.93	2	23 53 45.05	+ 3.0795	- 0.0045	...	...	...
5282	...	C.Z. XXIII. 1477 ...	6.8	65.38	5	23 54 6.80	+ 3.1192	- 0.0407	...	...	- 0.15
5283	8339	Phoenicis ...	5.6	80.78	5	23 54 38.99	+ 3.1087	- 0.0342	- 0.011	...	+ 0.03
5284	...	W.B.E. XXIII. 1110 ...	9.0	82.88	5	23 55 11.49	+ 3.0701	+ 0.0039	...	...	...
5285	...	C.P.D. - 40°. 9908 ...	8.8	81.77	5	23 55 12.23	+ 3.0957	- 0.0239	...	...	...





No.	B.A.C.	Star's Name	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Annual Proper Motion	Madras—	
										Grn. 1880	C.G.A.
5286	8344	Groombridge 4198 ...	5·7	80·60	5	h m s 23 55 14·84	s + 3·0231	s + 0·0528	s + 0·002	s - 0·12	s ...
5287	...	B.D. + 4° . 5081 ...	9·0	82·88	4	23 55 15·62	+ 3·0699	+ 0·0040	...	...	...
5288	8346	29 Piscium ... ..	5·1	72·03	5	23 55 25·06	+ 3·0738	- 0·0004	- 0·0002	0·00	+ 0·01
5289	8349	30 Piscium ... ..	4·6	74·10	5	23 55 33·01	+ 3·0752	- 0·0019	+ 0·0019	...	+ 0·12
5290	8352	Sculptoris ... ..	5·0	79·85	5	23 55 55·33	+ 3 0862	- 0·0160	...	+ 0·23	+ 0·12
5291	...	C.P.D. - 40° . 9911 ...	8·8	68·22	10	23 56 32·54	+ 3·0894	- 0·0240	...	...	...
5292	...	C.P.D. - 34° . 9834 ...	9·0	67·41	5	23 56 41·62	+ 3·0854	- 0·0185	...	...	...
5293	...	C.P.D. - 36° . 9829 ...	9·3	72·21	5	23 57 0·37	+ 3·0852	- 0·0208	...	...	...
5294	8358	2 Ceti ... ..	4·6	77·26	5	23 57 20·11	+ 3·0770	- 0·0080	- 0·0001	+ 0·03	+ 0·02
5295	...	C.Z. XXIII. 1571 ...	9·0	66·83	5	23 57 28·25	+ 3·0964	- 0·0482	...	...	- 0·09
5296	...	C.P.D. - 52° . 12249 ...	7·2	81·82	5	23 58 15·32	+ 3·0854	- 0·0872	...	...	- 0·09
5297	...	Brisbane 7375 ... ..	7·6	65·17	5	23 58 21·39	+ 3·0870	- 0·0495	...	...	- 0·11
5298	...	Brisbane 7376 ... ..	8·0	71·62	5	23 58 37·26	+ 3·0781	- 0·0206	...	...	- 0·04
5299	8366	Groombridge 4222 ...	6·0	70·67	5	23 58 38·97	+ 3·0583	+ 0·0544	...	...	...
5300	8368	33 Piscium ... ..	4·6	70·39	5	23 58 56·23	+ 3·0729	- 0·0016	- 0·0019	...	+ 0·02
5301	...	C.P.D. - 35° . 9481 ...	9·1	71·59	5	23 59 9·22	+ 3·0758	- 0·0198	...	...	...
5302	8371	Rumker 630 ... ..	7·2	81·81	5	23 59 29·05	+ 3·0749	- 0·0256	0·000	...	- 0·01
5303	...	C.P.D. - 49° . 11858 ...	5·6	66·17	5	23 59 49·79	+ 3·0735	- 0·0336	...	...	- 0·52

5303.— Apparently has large P. M.

No.	Mean Polar Distance 1875·0	Annual Precession 1875·0	Secular Variation 1875·0	Proper Motion	Madras -		Lacaille	Taylor	Cape 1880	Anwers' Bradley	C.G.A.
					Grn. 1880	C.G.A.					
	° ' "	"	"	"	"	"					
5286	29 28 24·1	- 20·050	- 0·000	+ 0·012	+ 0·1	...	...	10976	...	3195	...
5287	85 19 26·4	·050	·000	...	...	...	...	...	...	...	...
5288	93 43 24·7	·051	·000	+ 0·002	- 0·3	+ 1·8	...	10977	12106	3196	32379
5289	96 42 30·8	·051	- 0·000	+ 0·031	...	- 0·2	...	10979	12409	3197	32383
5290	120 25 1·2	·051	+ 0·001	...	- 1·0	+ 0·8	9700	10982	12412	...	32389
5291	130 13 20·9	·052	·001	...	...	...	...	...	...	...	1548
5292	124 4 5·5	·052	·001	...	...	...	...	...	...	...	1551
5293	126 39 42·9	·053	·003	...	...	...	...	...	...	...	...
5294	108 1 56·1	·053	·004	- 0·005	+ 0·8	+ 1·5	...	10989	12416	3204	32405
5295	148 31 30·3	·053	·003	...	...	+ 2·4	...	10990	12417	...	32406
5296	142 16 50·9	·054	·006	...	...	+ 3·3	9709	...	12424	...	32419
5297	147 32 20·2	·054	·005	...	...	+ 3·2	9711	10994	12426	...	32422
5298	126 42 50·0	·054	·006	...	...	+ 3·0	9713	10997	12427	...	32425
5299	29 22 56·8	·054	·006	...	...	...	...	...	...	...	...
5300	96 24 24·4	·054	·006	- 0·096	...	+ 1·2	...	11001	12431	3208	32431
5301	125 49 34·6	·054	·007	...	...	...	...	...	...	...	...
5302	132 26 51·8	·054	·008	...	...	+ 5·4	9720	...	12437	...	32443
5303	139 46 12·4	- 20·054	+ 0·008	...	...	+ 0·7	9721	...	1	...	32446

## APPENDIX

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The following catalogue of variable stars was Mr. Pogson's working catalogue and I have thought it well to publish it for several reasons. It makes no claim to be brought up to date, but is printed from Mr. Pogson's own manuscript without any change and is at least nine years old. I have added, for reference, the numbers in the foregoing catalogue.

C. M. S.

## APPENDIX

## Variable Star Catalogue Epoch 1900

Name	Mean Position 1900		Precessions		Magnitudes		Period	Discoverer	Year	No.
	$\alpha$	$\pi$	$\alpha$	$\pi$	Max.	Min.				
T Cassiopeia ... 5	h. m. s.	° ' "	s.	'						
T Cassiopeia ... 5	0 17 49	34 45.6	+ 3.20	- 0.33	7	11	436	Krüger ...	1870	53
R Andromedæ ... 1	0 18 46	51 58.7	+ 3.15	- 0.33	6	13	405	[Bonn or Arg.] ...	1858	52
S Ceti ... 3	0 18 58	99 53.0	+ 3.05	- 0.33	7	11	{ 324 } (333)	Borrelly ...	1872	58
B Cassiopeia ... 1	0 19 14	26 24.5	+ 3.27	- 0.33	Venus	13	...	Gemma ...	1572	...
T Piscium ... 3	0 26 50	75 57.0	+ 3.11	- 0.33	9.5	11	Irregular	Luther ...	1855	90
U Piscium ... 4	0 39 9	83 14.8	+ 3.10	- 0.33	9	12	...	Hind ...	1856	...
T Cephei ...	0 53 20	8 39.7	+ 4.93	- 0.33	...	...	...	Ceraski ...	...	192
S Cassiopeia ... 4	1 12 17	17 54.9	+ 4.29	- 0.32	7	13	615	[Bonn or Arg.] ...	1861	253
S Piscium ... 2	1 12 21	81 35.9	+ 3.13	- 0.32	9	13	407	Hind ...	1851	258
U Ceti ... 5	1 20 48	94 26.8	+ 3.03	- 0.31	6.5	8	...	[Cordoba] ...	...	286
R Sculptoris ... 4	1 22 23	123 3.7	+ 2.77	- 0.31	5.7	7.7	207	[Cordoba] ...	1872	293
R Piscium ... 1	1 25 29	87 38.0	+ 3.09	- 0.31	7.5	12	345	Hind ...	1850	302
V Piscium ... 5	1 49 5	81 42.6	+ 3.16	- 0.30	6	9	...	[Bonn or Arg.] ...	1863	...
T Ceti ... 4	1 51 23	110 52.3	+ 2.84	- 0.30	6	7.5	...	Gore ...	1876	...
S Arietis ... 2	1 59 15	77 57.2	+ 3.21	- 0.29	9	13	289	Peters ...	1865	417
R Arietis ... 1	2 10 26	65 24.4	+ 3.39	- 0.28	8	12.5	186	[Bonn or Arg.] ...	1857	451
o Ceti ... 1	2 14 18	93 25.7	+ 3.03	- 0.28	2	10	331	Holwarda ...	1638	467
S Persei ... 4	2 15 40	31 52.2	+ 4.25	- 0.28	8.5	10	...	Krüger ...	1874	470
R Ceti ... 2	2 20 55	90 37.7	+ 3.06	- 0.27	8	13	167	Argelander ...	1866	490
T Persei ...	2 33 32	40 52.2	+ 3.98	- 0.26	6.7	9	...	.....	1880	...
T Arietis ... 3	2 42 45	72 54.5	+ 3.33	- 0.25	8	9.5	324	Auwers ...	1870	556
R Persei ... 3	3 23 41	54 40.3	+ 3.80	- 0.21	8.5	12.5	209	Schönfeld ...	1861	708
W Tauri ...	3 47 40	82 31.3	+ 3.21	- 0.18	6.7	8	...	[Cordoba] ...	1873	803
T Tauri ... 4	4 6 1	68 27.4	+ 3.53	- 0.16	9.5	13	...	Chacornac ...	1853	...
U Tauri ... 7	4 16 0	70 25.2	+ 3.50	- 0.14	9	10.5	...	Baxentell ...	1862	891
T Tauri ... 6	4 16 10	70 42.1	+ 3.49	- 0.14	9.5	13	Irregular	D'Arrest [or Hind]	1861	892
R Tauri ... 2	4 22 49	80 3.7	+ 3.28	- 0.14	8	13	326	Hind ...	1849	912
S Tauri ... 3	4 23 43	80 17.0	+ 3.28	- 0.14	10	13	378	Oudemans ...	1855	...
R Reticuli ... 1	4 32 30	153 14.2	+ 0.60	- 0.13	7	13	...	Ragoonatha Chary	1867	940
V Tauri ... 8	4 46 15	72 37.8	+ 3.47	- 0.11	8.5	13	169	[Bonn or Auwers] ...	1871	994

## Variable Star Catalogue Epoch 1900—continued

Name	Mean Position 1900				Precessions		Magnitudes		Period	Discoverer	Year	No.
	$\alpha$	$\pi$	$\alpha$	$\pi$	Max.	Min.						
R Orionis ... 3	h. m. s.	o. /	s.	'								
R Orionis ... 3	4 53 34	82 1.4	+ 3.25	- 0.10	8.5	13	379	Hind ...	1848	1020		
R Leporis ... 1	4 55 3	104 57.4	+ 2.73	- 0.10	6.5	9	488	Schmidt ...	1855	1029		
W Doradus ... 1	5 6 7	151 56.0	+ 0.62	- 0.08	5.5	10	...	Moesta ...	{ 1860 (1865)	...		
R Aurigæ ... 2	5 9 13	36 31.0	+ 4.82	- 0.08	7	12.7	465	[Bonn or Arg.] ...	1862	1081		
S Orionis ... 4	5 24 4	94 46.3	+ 2.96	- 0.05	8	(12)	(410)	Webb ...	1870	1139		
T Orionis ... ...	5 30 9	96 4.1	+ 2.93	- 0.04	5.5	7.5	...	[Cordoba] ...	...	1162		
T Monocerotis ... 3	6 19 50	82 51.6	+ 3.24	+ 0.03	6.2	7.6	27	Davis ...	1871	1350		
R Monocerotis ... 1	6 33 42	81 9.4	+ 3.28	+ 0.05	9.5	11.5	Irregular	Schmidt ...	1861	1402		
R Lynceis ... 1	6 53 4	34 31.7	+ 4.97	+ 0.08	{ 7.8 (9)	(12)	(365)	Kruger ...	1870	1488		
R Geminorum ... 2	7 1 20	67 8.6	+ 3.62	+ 0.09	7	(13)	371	Hind ...	1848	1514		
R Can. Min. ... 1	7 3 13	79 49.1	+ 3.31	+ 0.09	7.5	{ 10 (12)	335	[Bonn or Arg.] ...	1855	1524		
V Geminorum ... 7	7 17 32	76 42.0	+ 3.37	+ 0.11	8.7	...	...	Baxendell ...	1880	...		
V Can. Min. ... ...	7 24 16	91 46.7	+ 3.04	+ 0.12	4.5	8	...	.....	1880	...		
S Can. Min. ... 2	7 27 17	81 28.1	+ 3.26	+ 0.12	7.5	(13)	332	Hind ..	1856	1629		
T Can. Min. ... 3	7 28 27	78 2.6	+ 3.34	+ 0.13	9	(13)	325	Schonfeld ...	1865	...		
U Can. Min. ... 4	7 35 54	81 23.2	+ 3.26	+ 0.14	(8.5)	...	...	Baxendell ...	1879	...		
R Puppis ... ...	7 36 59	121 26.0	+ 2.32	+ 0.14	6.5	7.5	...	[Cordoba] ...	...	1673		
S Geminorum ... 3	7 37 2	66 18.9	+ 3.61	+ 0.14	8.5	(14)	294	Hind ...	1848	...		
T Geminorum ... 4	7 43 18	66 1.0	+ 3.61	+ 0.15	8.5	(14)	288	Hind ...	1848	1700		
S Puppis ... ...	7 43 51	137 51.7	+ 1.74	+ 0.15	6	9	...	[Cordoba] ...	...	1707		
U Geminorum ... 5	7 49 10	67 44.2	+ 3.56	+ 0.15	9	(14)	99	Hind ...	1855	1735		
R Cancræ ... 1	8 11 4	77 57.9	+ 3.32	+ 0.18	6	(12)	354	Schwerd ...	1829	1829		
V Cancræ ... 6	8 16 1	72 23.8	+ 3.43	+ 0.19	7	(12)	272	Auwers ...	1870	1863		
W Cancræ ... 5	8 20 37	74 18.7	+ 3.38	+ 0.19	11	...	...	Pogson ...	1864	...		
U Cancræ ... 4	8 30 3	70 45.6	+ 3.45	+ 0.20	8.5	(14)	306	Chacornac ...	1853	1910		
S Cancræ ... 2	8 38 14	70 36.4	+ 3.44	+ 0.21	8	10	9.485	Hind ...	1848	1947		
S Hydræ ... 3	8 48 22	86 33.3	+ 3.14	+ 0.22	8	12	256	Hind ...	1848	1981		
T Hydræ ... 4	8 50 48	98 45.5	+ 2.92	+ 0.23	7.5	(12)	289	Hind ...	1851	1994		
T Cancræ ... 3	8 50 58	69 46.1	+ 3.44	+ 0.23	8.5	10.5	486	Hind ...	1850	1992		
R Carinæ ... 1	9 29 44	152 20.8	+ 1.52	+ 0.37	4.7	10	...	[Cordoba] ...	...	2163		
R Leo. Min. ... 1	9 39 36	55 1.7	+ 3.62	+ 0.27	6.5	(11)	375	Schönfeld ...	1863	2202		
R Leonis ... 1	9 42 12	78 6.4	+ 3.24	+ 0.28	5.5	10	313	Koch ...	1782	2208		
R Velorum ... 1	10 2 23	141 42.1	+ 2.24	+ 0.29	6.3	7.5	...	[Cordoba] ...	...	2273		

Variable Star Catalogue Epoch 1900—continued

Name	Mean Position 1900				Processions		Magnitudes		Period	Discoverer	Year	No.		
	a	π		α	π	Max.	Min.							
	h.	m.	s.	°	'	s.								
R Antilæ ...	1	10	5	26	127	14.4	+ 2.53	+ 0.29	6.5	8	...	[Cordoba] ...	...	2291
S Carinæ ...	2	10	6	11	151	3.6	+ 1.92	+ 0.29	6.3	9	...	[Cordoba] ...	1872	2296
U Leonis ...	...	10	18	42	75	29.5	+ 3.22	+ 0.30	10	...	...	.....	...	...
R Urs. Maj.	1	10	37	36	20	42.0	+ 4.37	+ 0.31	6	13	303	Pogson ...	1853	2407
Y Argûs ...	1	10	41	11	149	9.6	+ 2.31	+ 0.31	1	8	...	Barchell ...	1827	2433
R Crateris ...	1	10	55	39	107	47.2	+ 2.95	+ 0.32	(8)	(9)	...	Winnecke ...	1861	2487
S Leonis ...	2	11	5	40	83	59.8	+ 3.11	+ 0.32	9	(13)	188	Chacornac ...	1856	2525
T Leonis ...	3	11	33	19	86	4.5	+ 3.08	+ 0.33	10	(14)	...	Peters ...	{ 1862 } { (1865) }	...
X Virginis ...	11	11	56	43	80	22.4	+ 3.08	+ 0.33	8	(10)	...	Peters ...	1871	2713
R Comæ ...	1	11	59	7	70	39.7	+ 3.08	+ 0.33	7.5	(13)	363	[Bonn or Schönfeld]	1856	...
R Centauri ...	1	12	4	25	141	14.8	+ 3.09	+ 0.33	7.5	12	...	Pogson ...	1877	...
T Virginis ...	4	12	9	30	95	28.9	+ 3.08	+ 0.33	8.0	(13)	337	Boguslawski ...	1849	2764
R Corvi ...	1	12	14	27	108	42.0	+ 3.09	+ 0.33	7	12	319	Karlinski ...	1867	2781
Z Virginis ...	12	12	23	44	93	52.3	+ 3.08	+ 0.33	8	14	(210)	Henry ...	(1876)	...
T Urs. Maj.	3	12	31	51	29	56.8	+ 2.77	+ 0.33	7	12	256	[Bonn or Arg.] ...	1860	2861
R Virginis ...	2	12	33	26	82	27.7	+ 3.05	+ 0.33	6.5	11	146	Harding ...	1809	2866
R Muscæ ...	1	12	35	57	158	51.5	+ 3.57	+ 0.33	6.6	7.4	0.89	[Cordoba] ...	1871	2876
S Urs. Maj.	2	12	30	34	28	21.6	+ 2.66	+ 0.33	7	12	225	Pogson ...	1853	2889
U Virginis ...	3	12	46	2	83	54.2	+ 3.04	+ 0.33	8	13	207	Harding ...	1831	2912
Z Virginis ...	...	13	8	42	105	31.2	+ 3.18	+ 0.32	10	14	...	Pogson ...	1865	...
Virginis ...	1	13	8	47	106	0.3	+ 3.18	+ 0.32	7	10.5	...	Olbers ...	1797	2995
W Virginis ...	9	13	20	52	92	51.8	+ 3.09	+ 0.31	8.5	10	17.27	Anwers [or Schönfeld]	1866	3033
V Virginis ...	7	13	22	39	92	39.3	+ 3.09	+ 0.31	7	(14)	251	Goldschmidt ...	1857	3043
Y Virginis ...	8	13	22	56	92	19.5	+ 3.09	+ 0.31	10	...	...	Pogson ...	1862	...
R Hydræ ...	1	13	24	15	112	45.9	+ 3.27	+ 0.31	4	10	{ 469 } { (436) }	Maraldi ...	1704	3048
S Virginis ...	6	13	27	47	96	40.8	+ 3.13	+ 0.31	6	12.5	374	Hind ...	1852	3059
X } Virginis (Z) }	10	13	20	21	102	42.1	+ 3.18	+ 0.31	5.5	8	...	Schmidt ...	1866	3063
X Virginis ...	5	13	49	1	78	26.6	+ 2.95	+ 0.30	8.9	...	...	Hind ...	1850	3141
Boötis ...	4	14	6	8	79	42.7	+ 2.94	+ 0.29	8.7	...	...	Baxendell ...	1860	3193
R Centauri ...	...	14	9	21	149	26.8	+ 4.25	+ 0.28	6	10	...	Davis ...	1871	3205
T Boötis ...	3	14	9	25	70	28.0	+ 2.82	+ 0.28	10	(10)	...	Baxendell ...	1860	...
S Boötis ...	2	14	19	31	35	44.1	+ 2.01	+ 0.28	8	13	272	[Bonn or Arg.] ...	1860	3244
R Camelopardi ...	1	14	25	1	5	42.0	- 5.25	+ 0.27	8	12	266	Hence ...	{ 1858 } { (1888) }	3275

## Variable Star Catalogue Epoch 1900—continued

Name	Mean Position 1900			Precessions		Magnitudes		Period	Discoverer	Year	No.	
	<i>a</i>	<i>m</i>	<i>s</i>	<i>α</i>	<i>π</i>	Max.	Min.					
R Boötis ...	1	14	32 47	62 49.8	+ 2.65	+ 0.26	6	12	(270)	[Bonn or Arg.] ...	1858	3292
(X) Libræ ...	1	14	47 29	101 58.0	+ 3.26	+ 0.25	8	9.5	...	Schumacher ...	1847	...
V } Boötis ...	5	14	49 42	71 53.9	+ 2.77	+ 0.25	9	13	...	Baxendell ...	{ 1880 } { (1864) }	...
(U) }												
T Libræ ...	2	14	51 7	93 56.4	+ 3.13	+ 0.25	8.5	10	...	Hind ...	1848	...
U Coronæ ...	4	15	14 7	57 59.2	+ 2.44	+ 0.22	7.6	8.8	3.452	Winnecke ...	(1869)	3429
S Libræ ...	5	15	15 38	110 1.6	+ 3.43	+ 0.22	8	12.5	(190)	Borely ...	1872	3435
S Serpentiſ ...	3	15	16 59	75 19.6	+ 2.81	+ 0.22	8	12.5	361	Harding ...	1828	3440
S Coronæ ...	2	15	17 20	58 16.5	+ 2.45	+ 0.22	6	12	361	Hencke ...	1860	3441
R Coronæ ...	1	15	44 27	61 32.2	+ 2.47	+ 0.19	6	13	323	Pigott ...	1795	3533
V Coronæ ...	5	15	45 57	50 7.6	+ 2.13	+ 0.18	8	...	...	.....	...	...
R Serpentiſ ...	2	15	46 5	74 33.7	+ 2.76	+ 0.18	6	11	358	Harding ...	1826	3543
R Libræ ...	3	15	47 57	105 56.3	+ 3.39	+ 0.18	9	14	723	Pogson ...	1858	...
T Coronæ ...	3	15	55 19	63 47.8	+ 2.51	+ 0.17	2	9.5	...	Birmingham ...	1866	3585
R Herculis ...	2	16	1 43	71 21.7	+ 2.68	+ 0.16	8.5	(13)	319	[Bonn or Arg.] ...	1855	3610
T Scorpii ...	3	16	11 6	112 43.7	+ 3.57	+ 0.15	6	14	...	Auwers ...	1860	...
R Scorpii ...	1	16	11 41	112 41.9	+ 3.57	+ 0.15	9	14	225	Chacornac ...	{ 1855 } { (1853) }	3644
S Scorpii ...	2	16	11 42	112 39.2	+ 3.56	+ 0.15	9	14	177	Chacornac ...	1854	3645
U Scorpii ...	4	16	16 44	107 39.3	+ 3.45	+ 0.15	9	(14)	...	Pogson ...	1863	3663
U Herculis ...	6	16	21 22	70 52.7	+ 2.65	+ 0.14	7	11.5	408	Hencke ...	1860	...
T Ophiuchi ...	4	16	28 1	105 55.1	+ 3.42	+ 0.13	10	14	(186 or 359)	Pogson ...	1860	...
S Ophiuchi ...	3	16	28 30	106 57.0	+ 3.44	+ 0.13	9	14	234	Pogson ...	1854	3709
R Draconis ...	1	16	32 24	23 2.1	+ 0.14	+ 0.12	6.5	...	...	.....	...	...
S Herculis ...	3	16	47 21	74 53.4	+ 2.73	+ 0.10	6	12	303	[Bonn or Schönfeld]	1856	3777
Hind's Nova 48 ...	1	16	53 53	102 44.4	+ 3.36	+ 0.10	4	(14)	..	Hind ...	1848	...
T Serpentiſ ...	4	16	56 6	110 23.3	+ 3.56	+ 0.10	9	11	...	Chacornac ...	1853	3802
R Ophiuchi ...	2	17	2 2	105 57.6	+ 3.44	+ 0.09	7.5	14	302	Pogson ...	1853	3820
U Ophiuchi ...	5	17	5 0	106 13.9	+ 3.45	+ 0.08	8.5	11	...	Pogson ...	1863	...
Nova 1604 ...	1	17	24 39	111 23.6	+ 3.59	+ 0.05	1	14	(400)	Brurowski ...	1604	...
R Aræ ...	1	17	31 51	135 25.2	+ 4.42	+ 0.04	5	11	...	Tebbutt ...	1877	...
T Herculis ...	4	18	5 20	59 0.7	+ 2.27	- 0.01	8	12	165	[Bonn or Arg.] ...	1857	4045
T Serpentiſ ...	5	18	23 56	83 46.0	+ 2.93	- 0.03	9.5	14	342	Baxendell ...	1860	...
V Sagittarii ...	4	18	25 33	108 19.9	+ 3.53	- 0.04	(7.5)	(9.0)	Irregular	Quivling ...	1865	4114
U Sagittarii ...	5	18	26 0	109 11.6	+ 3.53	- 0.04	7	8.3	6.745	Schmidt ...	1866	4117



## Variable Star Catalogue Epoch 1900—continued

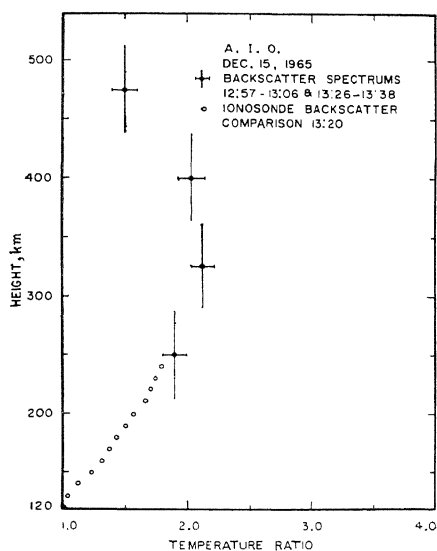
Name	Mean Position 1900				Precessions		Magnitudes		Period	Discoverer	Year	No.
	$\alpha$	$\pi$	$\alpha$	$\pi$	Max.	Min.						
T Aquilæ ...	3	18 40 56	81 21.7	+ 2.87	- 0.06	8.8	9.5	(120)	Winnecke ...	1800	4163	
R Scuti ...	1	18 42 9	95 48.6	+ 3.21	- 0.06	5	(8.5)	71	Pigott ...	1795	4175	
S Cor. Aust.	2	18 54 24	127 5.1	+ 4.06	- 0.08	10	12	(6.2)	Schmidt ...	1806	...	
R Cor. Aust.	1	18 55 9	127 5.3	+ 4.06	- 0.08	11	(13)	(5.4)	Schmidt ...	1805	...	
R Aquilæ ...	2	19 1 31	81 55.3	+ 2.89	- 0.09	7	11	345	[Bonn or Arg.] ...	1856	4245	
T Sagittarii ...	3	19 10 28	107 8.7	+ 3.47	- 0.10	8	13	381	Pogson ...	1863	4273	
R Sagittarii ...	1	19 10 50	109 29.0	+ 3.53	- 0.10	7	13	270	Pogson ...	1858	4276	
S Sagittarii ...	2	19 13 35	109 12.3	+ 3.52	- 0.11	10	14	230	Pogson ...	1860	4295	
S Sagittæ ...	2	19 28 15	82 28.0	+ 2.68	- 0.13	6	9.4	...	.....	1880	...	
R Cygni ...	3	19 34 8	40 1.4	+ 1.61	- 0.13	7	14	425	Pogson ...	1852	4357	
Nova 1670	1	19 43 27	62 55.8	+ 2.46	- 0.15	3	...	...	[Anthelm] ...	1670	...	
S Vulpeculæ ...	3	19 44 17	62 57.9	+ 2.46	- 0.15	8.5	9.5	67.5	[Hind or Rogerson]	1861	4393	
X Cygni ...	2	19 46 44	57 20.3	+ 2.31	- 0.15	4	13	407	Kirch ...	1686	4403	
R Cephei ...	(1)	(20 2 0)	1 11.5	(- 53.30)	- 0.17	5	10	(365?)	Pogson ..	1856	...	
S Cygni ...	4	20 3 24	32 18.2	+ 1.26	- 0.17	9	14	323	[Bonn] ...	1860	4402	
R Capricorni ...	1	20 5 43	104 33.8	+ 3.37	- 0.18	9	14	347	Hind ...	1847	4465	
S Aquilæ ...	4	20 7 1	74 40.7	+ 2.76	- 0.18	9	11.5	147	Baxendell ...	1863	4471	
R Sagittæ ...	1	20 9 30	73 34.6	+ 2.74	- 0.18	8.3	10.3	70.4	Baxendell ...	1859	4479	
R Delphini ...	1	20 10 6	81 12.9	+ 2.90	- 0.18	8	13	284	Hencke ...	1851	4481	
Nova 1600	1	20 14 6	52 16.6	+ 2.21	- 0.18	3	6	...	Jansson ...	1600	4504	
U Cygni ...	6	20 16 30	42 25.3	+ 1.86	- 0.19	8	10	(465)	Knott ...	1871	4512	
X Capricorni ...	7	20 17 0	106 20.1	+ 3.41	- 0.19	10.4	13	...	Pogson ...	1865	4511	
Y Capricorni ...	8	20 24 57	102 34.1	+ 3.32	- 0.20	6.7	8.5	...	[Cordoba] ...	...	4532	
S Capricorni ...	2	20 35 52	109 24.4	+ 3.44	- 0.21	9	11	...	Hind ...	1854	4577	
S Delphini ...	2	20 38 28	73 16.3	+ 2.76	- 0.21	8.5	11	276	Baxendell ...	1860	4588	
T Delphini ...	3	20 40 43	73 57.9	+ 2.78	- 0.22	8.5	14	331	Baxendell ...	1863	4596	
U Capricorni ...	4	20 42 35	105 9.0	+ 3.35	- 0.22	10	14	204	Pogson ...	1857	...	
T Aquarii ...	4	20 44 40	95 31.0	+ 3.17	- 0.22	7	12.5	203	Goldschmidt ...	1861	4615	
R Vulpeculæ ...	2	20 50 56	66 34.5	+ 2.66	- 0.24	8	13	138	[Bonn or Arg.] ...	1858	4663	
T Cephei ...	...	21 10 3	21 59.4	+ 0.85	- 0.25	6.5	...	...	Ceraski ...	...	...	
V Capricorni ...	5	21 10 36	110 35.9	+ 3.42	- 0.25	9	11	...	Chacornac ...	1854	...	
W Capricorni ...	6	21 11 14	110 16.2	+ 3.41	- 0.25	9	14	...	Chacornac ...	1854	...	
T Capricorni ...	3	21 16 30	105 35.1	+ 3.32	- 0.25	9	14	269	Hind ...	1854	4716	
S Cephei ...	3	21 36 30	11 49.6	+ 0.60	- 0.27	8	11.5	485	Hencke ...	1855	4787	
V Cygni ...	7	21 37 47	47 36.5	+ 2.36	- 0.27	3	(10)	...	Schmidt ...	1877	4788	
$\mu$ Cephei ...	1	21 40 26	31 40.6	+ 1.83	- 0.27	4	5	...	Herschel ...	1782	4802	

*Variable Star Catalogue Epoch 1900—continued*

Name	Mean Position 1900		Precessions		Magnitudes		Period	Discoverer	Year	No.	
	$\alpha$	$\pi$	$\alpha$	$\pi$	Max.	Min.					
U Cephei ...	h. m. s.	° ' "	s.	' "							
U Cephei ...	5	21 45 15	20 18.8	+ 1.08	- 0.28	5	9	...	Ragoonatha Chary	1878	4824
T Pegasi ...	4	22 4 0	77 56.9	+ 2.93	- 0.29	9	13	368	Hind ...	1863	4892
S Pegasi ...	3	22 17 9	82 30.0	+ 3.00	- 0.30	8.5	14	...	Hind ...	1848	...
T Aquarii ...	3	22 30 38	98 8.5	+ 3.15	- 0.31	9	11	...	Hind ...	1855	4985
S Aquarii ...	2	22 51 45	110 52.6	+ 3.23	- 0.32	8	13	279	Argelander ...	1853	5053
R Pegasi ...	2	23 1 37	79 59.8	+ 3.01	- 0.32	7	12	382	Hind ...	1848	5089
S Pegasi ...	5	23 15 29	81 37.6	+ 3.03	- 0.33	7.6	13	(318)	Marth ...	1864	5144
T Cephei ...	4	23 16 5	34 26.8	+ 2.69	- 0.33	8.2	8.8	5.37	[Bonn or Arg.] ...	1863	5147
R Aquarii ...	1	23 38 39	105 50.3	+ 3.11	- 0.33	6	11	388	Harding ...	1811	5230
R Cassiopeiæ ...	3	23 53 19	39 10.0	+ 3.01	- 0.33	5	14	426	Pogson ...	1853	5272

TABLE 1—SYSTEM PARAMETERS AND GEOGRAPHICAL LOCATIONS OF INCOHERENT-SCATTER RADARS CAPABLE OF MAKING  $T_e$  MEASUREMENTS IN E-REGION

Radar	Geographic location		Operating frequency MHz	Type	Antenna	Peak power (MW)
	Latitude	Longitude				
Arecibo (Puerto Rico)	18.3°N	66.75°W	430	Vertical pulse	300 m spherical reflector	2.5
Millstone Hill (Westford, Mass.)	42.6°N	71.5°W	1295	Oblique pulse	25 m parabolic reflector	4.0
St. Santin (France)	{ Transmitter { 44.65°N { Receiver { 47.37°N	{ 2.19°E { 2.10°E	935	{ Bistatic CW Transmitter (vertical) { Receiver (oblique)	{ Transmitter: { 20 × 100 m reflector { Receiver: { 40 × 200 m reflector	$7.5 \times 10^{-2}$


 Fig. 16—Electron-to-ion temperature ratios obtained by comparing the electron density and the back-scattered power (After Mahajan<sup>27</sup>)

normalizing the electron density and the power profiles at some fixed height where the electron-to-ion temperature ratio is known. A height of 120 km was selected for this purpose and  $T_e/T_i$  was assumed to be unity. The  $T_e/T_i$  profile was obtained from the expression

$$\left[ \frac{T_e}{T_i} \right]_h = 2 \left[ \frac{N_e/N_{120}}{P_h/P_{120}} \right] - 1 \quad \dots(12)$$

where the subscripts  $h$  and 120 refer to the values of electron density and back-scattered power at these heights,  $P'_h$  and  $P'_{120}$  stand for the power values corrected for  $R^2$  factor defined in Eq. (8). The  $T_e$  values were obtained by using a  $T_i (=T_n)$  profile from CIRA (1965) for the appropriate solar activity and local time.

The assumptions about  $T_e = T_n$  below the F2 peak (normally 250 km) and  $T_e/T_i = 1$  at 120 km were based upon theoretical arguments; however, these were found to be consistent with the observations. The  $T_e$  values at 250 and 325 km, for example, showed about the same dependence upon solar activity as did the model values<sup>32</sup>. The  $T_e/T_i$  values obtained by assuming  $T_e/T_i$  to be unity at 120 km showed an excellent agreement with those obtained from the back-scattered spectra in the overlapping region, as seen in Fig. 16. These two results provided enough confidence in the  $T_e$  profiles obtained above and Fig. 17 shows a number of such  $T_e$  profiles. The large day-to-day variability in these profiles was demonstrated to be due to  $N_e$  changes<sup>27</sup>.

While the above  $T_e$  measurements were made by comparing the electron density and the power profiles, Perkins and Wand<sup>33</sup> introduced the 'double pulse' technique for obtaining  $T_e$  (and  $T_i$ ) from the spectral characteristic of the ion component with a height resolution as good as 4.5 km in the E-region. This technique is now well documented in a recent paper by Wand and Perkins<sup>34</sup>. A pair of short pulses separated by an interval  $\tau$  is transmitted and the correlation  $C(\tau)$  between the return signal from the heights

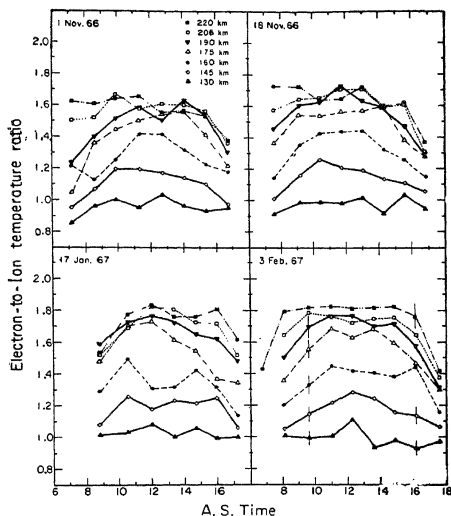


Fig. 20—Diurnal variations of  $T_e/T_i$  at various altitudes (After Wand and Perkins<sup>34</sup>)

observational programme at the Arecibo observatory. All the experiments have established  $T_e/T_i$  to be unity at and below 130 km. In Fig. 19 some results from Wand and Perkins<sup>34</sup> are reproduced where  $T_e$ ,  $T_i$  and  $N_e$  profiles are given for 4 days near local noon. The diurnal variations of  $T_e/T_i$  on these four days have also been reported by Wand and Perkins<sup>34</sup> and are reproduced in Fig. 20. The results presented in Figs. 19 and 20 show that above 130 km  $T_e/T_i$  rises rapidly above unity. Near local noon, typical values of  $T_e/T_i$  are 1.2, 1.4 and 1.6 at 145, 160 and 175 km respectively<sup>34</sup>.

**4.2.2 Millstone Hill measurements**—While the F2-region studies at Millstone Hill have been made by operating the 440 MHz radar system (see, for example, Ref. 36), the E- and F1-region studies have been conducted with the 1295 MHz (23-cm) radar, operating at a peak power of 4 MW. The 23-cm radar employs a fully steerable 84-ft diameter parabolic antenna (see Ref. 28 for more details) and is generally operated with the beam directing obliquely at an angle of 60-80° with the zenith. This serves two major aims: first, the ground clutter is eliminated, because by tilting the beam sufficiently high, the echoes from the E-region are placed at a delay greater than the interval occupied by the ground clutter echoes.

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$$T_n = T_\infty - (T_\infty - 355) \exp[-0.0156(h-120)] \quad \dots(13)$$

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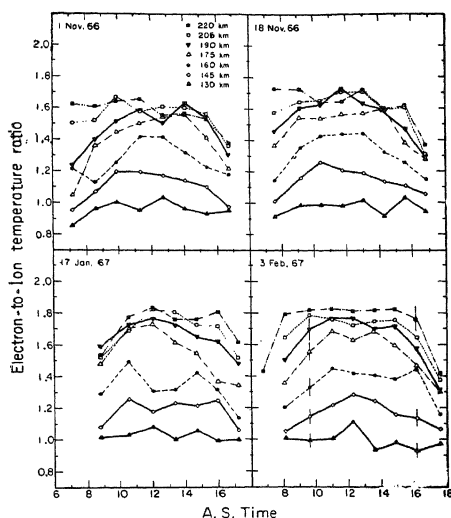


Fig. 20 – Diurnal variations of  $T_e/T_i$  at various altitudes (After Wand and Perkins<sup>31</sup>)

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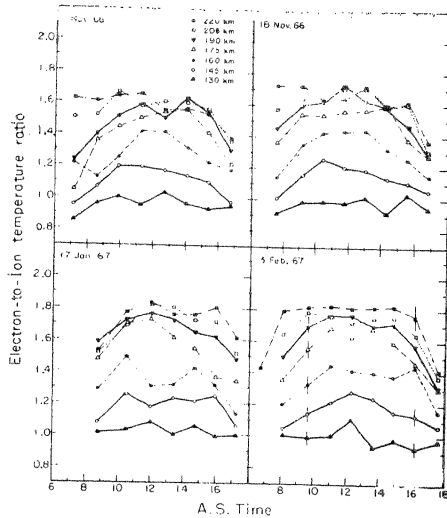


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