

A P P E N D I X II.

RESULTS IN RIGHT ASCENSION

OF THE

OBSERVATIONS OF STARS

MADE AND REDUCED

BY

D R. M A S K E L Y N E,

From 1765 to 1772,
From 1779 to 1785,
From 1796 to 1801,
And from 1803 to 1807;

WITH THE ERRORS OF THE ASSUMED EQUINOXES,
DEDUCED BY COMPARISON
OF THE OBSERVED R.A.'s OF THE SUN
OBTAINED FROM ASSUMED R.A. OF α AQUILÆ,
WITH THE COMPUTED R.A.'s
DEDUCED FROM THE OBSERVED DECLINATIONS:

TOGETHER WITH SOME RESULTS FOR THE DECLINATION OF STARS.

ARRANGED BY THE REV. ROBERT MAIN, M.A.,
FIRST ASSISTANT OF THE ROYAL OBSERVATORY, GREENWICH.

GREENWICH OBSERVATIONS, 1851.—APPENDIX II.

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INTRODUCTION.

THE results of the Right Ascensions of Stars observed by Dr. Maskelyne, contained in the following pages, are extracted without alteration, except for detected errors, from the MSS. left by him, and numbered 313, 314, and 315, in the list of the MSS. belonging to the Royal Observatory.

The ledger results were copied some years since, under the direction of the Astronomer Royal, by some of the computers of the Establishment, immediately from the ledger left by Dr. Maskelyne in MS. No. 317. At that time I examined the MSS., and marked out those which it would be desirable to have copied with a view to publication; and I then included, in the papers to be copied, those relating to the Equinox investigations, which will be found in the third section of the present work. In this state the papers remained for some years, till, in the year 1851, they were put into my hands by the Astronomer Royal, with a request that I would, at my leisure, undertake the revision of them, and prepare them for press.

In doing this my chief object has been to render the results as correct a transcript as possible of *all* the observations reduced by Dr. Maskelyne, and at the same time, to give such an examination to the results themselves as would ensure their general accuracy. In following out this plan, I have scrupulously compared the separate Mean Right Ascensions of every star as they stand in the last column of Dr. Maskelyne's reductions contained in MSS. 313, 314, and 315, with the results copied from his own ledgers. As might have been expected, many errors have been detected by this process; and very many observations, omitted by accident originally, have been replaced; and the results, as they stand printed, may be considered as representing correctly the Star-Observations on which Dr. Maskelyne's fundamental catalogues were based.

The method pursued by Dr. Maskelyne in his reductions, was essentially the same as that practised at present, excepting that, as is well known, he referred all the stars to an assumed Right Ascension of α Aquilæ. The instrument was assumed to be corrected mechanically for instrumental errors, and there are only one or two instances in which any serious doubt is thrown upon the observations by an erroneous position of the instrument. They will be mentioned in the sequel.

At present it will be proper to say a few words specifically respecting the method of reduction, and the elements employed by Dr. Maskelyne.

To begin with the year 1765. The observations of this year were treated with very

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great care by Dr. Maskelyne, and two distinct reductions were made of them. From the beginning of the observations the transits were observed over the five wires; but, in general, only the three middle wires were employed in obtaining the transit over the meridian. Till the transit of Sirius on July 9, 1765, it was the practice to give double weight to the central wire, but after this time the transits over the three wires were considered as of equal weight. To 1773, August 1, the eyepiece consisted of two eye-glasses, separated by a distance greater than the focal length of the lens next the eye (or was what is now usually called a negative eyepiece), and the wires were placed between the two eye-glasses. At that time Dr. Maskelyne rejected the field glass, and introduced the method of sliding the eyepiece across the field of view, thus rendering the image of the object seen by means of the oblique pencils of light at the extreme wires as distinct as when seen at the center wire; and after this time the mean of the transits at the five wires was taken, giving equal weight to each wire.

The transits over the meridian having been thus obtained for all objects, including α Aquilæ, the differences between the times of transit of α Aquilæ and all other objects, are set down in the next column corrected for the clock-rate, and in the one adjoining are set down these same quantities reduced to arc. The next two columns contain the corrections in arc to be applied to the differences for aberration, precession, and nutation, to reduce them to differences of Mean Right Ascension; and the last column gives the differences of Mean Right Ascension in arc. This is the principle of Dr. Maskelyne's First Method of Reduction, employed only in the year 1765; and as the results were collected by him for each star observed, it has been thought worth while to include them with the rest.

In the year 1766 and following years (and subsequently for the year 1765), another method of reduction was employed not essentially different from that in use at present, and which may be briefly explained as follows. The times of transit over the meridian being set down as before, a value of the Mean Right Ascension of α Aquilæ for the beginning of the year is assumed. To this are applied the corrections for aberration, precession, and nutation, and, after 1766, for proper motion, set down explicitly in two separate columns; and thus is obtained the apparent R. A. for the day of observation, subject to the constant error of the assumed place of α Aquilæ. A comparison of the Apparent Right Ascension thus calculated, with the time of transit of α Aquilæ on any day, gives a *clock-error*, and a comparison of clock-errors on successive days gives a *rate* of the clock. Hence, to the time of transit of each object can be assigned the proper clock-error; and this being applied, there results the Apparent Right Ascension of the objects, subject to the same error of the Equinox as α Aquilæ. The clock-errors and the deduced Apparent Right Ascensions are set down in contiguous columns; and in the next two columns are given the corrections necessary for reduction to Mean Right

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Ascensions; and the Mean Right Ascensions themselves are given in the last column. This is Dr. Maskelyne's Second Method of Reduction.

The instrument was kept adjusted to the meridian by means of two south meridian marks, fixed to the side of the chimney of a house; and the axis was kept level for several years by means of a spirit-level, but afterwards by a plumb-line apparatus, which Dr. Maskelyne seemed to prefer to the spirit-level. This apparatus is described at page 122, of Volume II. of his Observations, for the year 1778. The instrument appears to have been frequently reversed to determine and correct its error of collimation; and, in the Preface to the Observations, assurance is given that in general the error was insignificant. On two occasions, however, as connected with the results under discussion, an error of considerable amount existed for a long period.

The first of these cases occurred in 1768, and the derangement of the instrument was supposed to commence at August 24, and was not discovered till November 4. The amount of error was $34'' \cdot 8$; but, as no observations of stars are given in the ledger results for this interval, we need not discuss it farther.

The second case occurred in the years included between 1795 and 1797, the error being detected on May 29, 1797, and being supposed to have existed since November 25, 1795. In Dr. Maskelyne's note to the Observations of May 29, 1797, printed in the published Observations, he gives the following information concerning this error. He states that he examined the line of collimation, and found it to deviate to the west. He then proceeded to determine the amount, which he found $7\frac{1}{4}''$. Finally, he gives the formula for the corrections to be applied to all transits after 1795, Nov. 25, viz.: $- 0^s \cdot 484 \times$ versed sine altitude above south horizon $\times$ sec. declⁿ. For the stars whose Mean Right Ascensions are reduced in the years 1796 and 1797, the corrections applicable will be obtained from the following table, being plainly the excess of the correction for any star above that for α Aquilæ.

Star's Name.	Correction for Collimation.	Star's Name.	Correction for Collimation.	Star's Name.	Correction for Collimation.
γ Pegasi	— $0^s \cdot 04$	α Hydræ	+ $0^s \cdot 09$	α Ophiuchi	— $0^s \cdot 03$
α Arietis	— $0^s \cdot 12$	Regulus	— $0^s \cdot 03$	α Lyræ	— $0^s \cdot 33$
α Ceti	+ $0^s \cdot 05$	β Leonis	— $0^s \cdot 05$	γ Aquilæ	— $0^s \cdot 01$
Aldebaran	— $0^s \cdot 06$	β Virginis	+ $0^s \cdot 05$	β Aquilæ	+ $0^s \cdot 02$
Capella	— $0^s \cdot 47$	Spica	+ $0^s \cdot 11$	α^1 Capricorni	+ $0^s \cdot 11$
Rigel	+ $0^s \cdot 09$	Arcturus	— $0^s \cdot 09$	α^2 Capricorni	+ $0^s \cdot 11$
β Tauri	— $0^s \cdot 18$	α^1 Libræ	+ $0^s \cdot 11$	α Cygni	— $0^s \cdot 44$
α Orionis	+ $0^s \cdot 01$	α^2 Libræ	+ $0^s \cdot 11$	α Aquarii	+ $0^s \cdot 06$
Sirius	+ $0^s \cdot 12$	α Coronæ	— $0^s \cdot 17$	Fomalhaut	+ $0^s \cdot 15$
Castor	— $0^s \cdot 23$	α Serpentis	+ $0^s \cdot 01$	α Pegasi	— $0^s \cdot 04$
Procyon	+ $0^s \cdot 02$	Antares	+ $0^s \cdot 14$	α Andromedæ	— $0^s \cdot 17$
Pollux	— $0^s \cdot 18$	α Herculis	— $0^s \cdot 05$		

These corrections were applied by Dr. Maskelyne to the mean of the separate results for each star in the year 1796, the separate results themselves being uncorrected. Similarly the separate results here given are uncorrected, but the catalogue containing the mean results has the corrections applied. For the year 1797, the separate results are also uncorrected, but a proportional part of the correction for each star, depending on the proportion of the number of observations before and after May 29, is applied in the catalogue of mean results.

With regard to the constants of aberration, precession, and solar and lunar nutation, used by Dr. Maskelyne, they will be inferred from the explanation given by him in his "Tables for Computing the Apparent Places of the Fixed Stars and Reducing Observations of the Planets," printed in folio in 1774, to accompany the Observations. Other details with respect to the state of the transit instrument, the method of making its adjustments, accidents happening to it, determination of intervals of wires, &c., will be found in the general preface, or the notes to the printed Observations, or in Mr. Airy's Introductions to the Reduction of the Ancient Lunar and Planetary Observations.

To this section are added all the results of the transit-observations of Polaris which have been perfectly reduced, as they serve to give information concerning the state of adjustment of the transit instrument for the periods to which they relate, and especially with regard to the errors of collimation, which have been previously alluded to.

The preceding explanation applies to the *First Section* of the results now printed, or to the *Separate Mean Results in Right Ascension*. A very few words will be necessary for the explanation of the *Second Section*, or *Catalogues of the Concluded Mean Right Ascensions*.

In every instance the numbers set down in the catalogue are the means of the separate results given in the first section, corrected for the Error of Collimation in the years 1796 and 1797, as previously explained.

In the years 1779, 1780, and 1781, the Right Ascension of α Aquilæ had been assumed too great by 1^s , and the whole of the reductions of the separate results to Mean R. A. were made with these erroneous values. The ledger results are kept unaltered, that is as they stand in the MS.; but the requisite correction is applied to the mean result for each star in forming the catalogues for those years.

No use whatever has been made of Dr. Maskelyne's Star Catalogues, and the means have in every instance been taken quite independently by myself.

It has been thought necessary to add, in as complete a form as the MSS. left by Dr. Maskelyne admit of, his investigations of the Errors of the Equinoctial Points depending upon his assumed R. A.'s of α Aquilæ, and this forms the *Third Section* of this work. His method of determining the Error is well known, and is simply thus. The observed R. A.'s of the Sun being referred to the same Equinox as all other objects, are compared for a selected number of observations equal in number, near the Vernal and

Autumnal Equinoxes, with the R. A.'s computed with an assumed value of the obliquity of the Ecliptic, from the Zenith Distances observed with the Mural Quadrant. By selecting the days of observation, so that each observation at the Vernal Equinox shall be compared with an observation on a day similarly situated with respect to the Autumnal Equinox, and taking the mean of all the results, all errors arising from error either in the Quadrant, or in the constant of refraction, or in the obliquity of the Ecliptic, or in the assumed latitude, are completely eliminated, and the resulting mean error of the Sun's observed Right Ascension applies equally to α Aquilæ, and to all objects compared with it.

Though any error in the refractions applied to the Sun's observed Zenith Distances will not affect the resulting position of the equinoctial point as deduced from observations made at both equinoxes, it may be proper to state that the refractions used are Bradley's, as contained in Tables XXII. and XXIII. of the folio tables published by Dr. Maskelyne, and the same were used in the reduction of all the Zenith Distance Observations made with the mural quadrants.

A few incomplete calculations of the Right Ascensions of the Sun from the observed Zenith Distances have been found; but these materials for ensuring the accuracy of this part of the work are so scanty, that it has been thought better to print only the results of the calculations, that is, the observed and computed Right Ascensions and the resulting difference. The essential accuracy of Dr. Maskelyne's calculations needs not be questioned, and there can be no doubt that the results exhibit with great fidelity the error of the equinoctial point to which the Right Ascensions given in the catalogue are referred.

The assumed mean obliquity for 1765, Jan. 1, used in the calculations, is $23^{\circ}.28'.11''.0$, and this value appears to have been continued for a considerable period, allowing $0''.5$ for the annual diminution of obliquity. I have, however, given in the Tables all the information which the MSS. afford of the elements used in the calculations. The latitude of the Observatory generally assumed is $51^{\circ}.28'.40''$, though in some years a different value is assumed, for the purpose of correcting the observed Zenith Distances for a presumed error of collimation of the Quadrant. Of course the accuracy of the mean result does not depend materially upon the accuracy of these elements.

A table is given at the end, exhibiting in a connected shape the values of the Mean Right Ascension of α Aquilæ assumed in the reductions of the observations of the respective years, the corrections deduced from the observations of the Sun near the Equinoxes, and, finally, the seconds of Tabular Right Ascension given by Bessel in the *Tabulæ Regiomontanæ*.

A few reductions of Zenith Distance of Stars are subjoined. They are not all that are to be found in Dr. Maskelyne's manuscripts, but they are all that appear to have passed Dr. Maskelyne's revision.

ROBERT MAIN.

SECTION I.

SEPARATE RESULTS

FOR THE

RIGHT ASCENSIONS OF STARS,

OBSERVED BY

DR. MASKELYNE,

From 1765 to 1772;

From 1779 to 1785;

From 1796 to 1801;

And from 1803 to 1807.

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{ x } SEPARATE RESULTS FOR THE DIFFERENCE OF MEAN R.A. OF PRINCIPAL STARS, FROM THE MEAN R.A. OF α AQUILÆ,

SEPARATE RESULTS for the Difference of MEAN R.A. of Principal STARS from the MEAN R.A. of α AQUILÆ for 1765, Jan. 1;
deduced from the OBSERVATIONS made in the Year 1765, by Dr. MASKELYNE's First Method of Reduction.

(R.A. α is put for the Mean R.A. of α Aquilæ; R.A. s for that of the Determined Star.)

γ Pegasi.		α Arietis.		Aldebaran.		β Tauri.		Sirius.		Castor.		Pollux.		β Leonis.	
Day of Observation.	R.A. s - R.A. α	Day of Observation.	R.A. s - R.A. α	Day of Observation.	R.A. s - R.A. α	Day of Observation.	R.A. s - R.A. α	Day of Observation.	R.A. s - R.A. α	Day of Observation.	R.A. s - R.A. α	Day of Observation.	R.A. s - R.A. α	Day of Observation.	R.A. α - R.A. s
1765.	65. 27	1765.	93. 39	1765.	130. 46	1765.	143. 1	1765.	163. 51	1765.	175. 3	1765.	177. 53	1765.	120. 33
July 13	44. 5	Nov. 23	55. 0	Dec. 23	77. 2	Sep. 6	63. 8	June 21	56. 5	Nov. 30	51. 2	Sep. 28	51. 1	Nov. 5	60. 7
14	39. 2	27	56. 1	27	79. 6	9	59. 0	24	58. 6	Dec. 27	52. 2	Oct. 4	48. 9	21	60. 0
18	42. 1	Dec. 1	54. 0			30	66. 0	July 8	62. 2			11	49. 7	28	55. 9
22	37. 9	2	53. 3					11	65. 4			15	50. 1	Dec. 4	50. 8
30	44. 9	5	53. 8	Capella.				12	62. 3	Procyon.		26	52. 3	5	56. 7
Aug. 9	44. 1	6	52. 7			α Orionis.		13	60. 9			Nov. 5	48. 7		
10	40. 5	8	56. 3					17	61. 4			9	58. 7		
11	41. 1	13	51. 7	1765.	140. 0	1765.	150. 46	20	64. 3	1765.	176. 54	10	46. 6	Spica.	
15	38. 7	23	58. 9	June 25	27. 3	June 6	66. 2	22	58. 5	June 9	67. 3	20	51. 6	1765.	96. 36
27	39. 6			July 9	36. 1	July 7	69. 7	24	62. 7	July 31	61. 2	30	43. 8	June 6	67. 8
30	42. 1	α Ceti.		10	40. 7	12	59. 9	27	59. 2	Aug. 15	64. 9	Dec. 1	50. 4	9	74. 4
Sep. 1	40. 2			11	39. 9	13	58. 9	28	63. 7	17	62. 1	2	47. 0	11	71. 1
4	48. 8			12	34. 0	20	60. 7	29	62. 6	18	64. 5	4	57. 5	15	63. 6
5	45. 2			13	40. 2	29	62. 1	Aug. 5	67. 6	19	56. 3	27	54. 0	18	65. 2
7	45. 0	1765.	107. 40	14	55. 6	30	62. 0	10	64. 3	Sep. 1	62. 3			20	70. 7
26	39. 5	Nov. 21	33. 3	17	48. 0	31	62. 7	15	63. 1	3	63. 4	α Hydræ.		22	71. 2
30	41. 6	23	35. 6	23	40. 5	Aug. 10	61. 0	17	61. 3	5	62. 7			29	75. 1
Oct. 1	40. 2	27	36. 0	24	38. 5	14	62. 1	19	68. 6	12	71. 4			July 13	69. 2
3	40. 3	29	37. 1	27	34. 0	15	66. 5	24	64. 8	22	62. 4			14	67. 5
16	41. 6			28	42. 1	19	62. 3	Sep. 1	64. 0	24	68. 5			17	69. 4
22	40. 7	Aldebaran.		29	38. 4	24	69. 9	5	64. 2	25	61. 7			18	79. 4
27	41. 6			30	36. 6	4	70. 7	6	64. 3	26	63. 3	1765.	155. 49	19	75. 7
Nov. 10	37. 1			Aug. 1	47. 0	5	64. 6	9	61. 9	28	58. 6	Oct. 27	8. 7	21	70. 8
21	39. 8			10	40. 5	6	62. 8	12	74. 9	Oct. 4	66. 6	Nov. 5	17. 4	23	58. 9
22	37. 2	1765.	130. 46	14	49. 7	9	63. 7	14	62. 1	11	68. 3	30	6. 0	30	71. 5
23	41. 8	June 23	58. 9	15	48. 0	14	71. 3	22	66. 2	26	74. 1	Dec. 1	8. 5	Sep. 1	68. 4
27	44. 2	July 12	63. 2	Rigel.		18	63. 8	24	74. 5	15	71. 7			Nov. 21	71. 3
Dec. 1	39. 4	13	66. 1			22	69. 6	25	66. 5	27	73. 3	Regulus.		22	68. 0
6	35. 5	17	77. 0			24	79. 2	26	60. 9	Nov. 5	65. 9			28	57. 4
8	35. 7	18	61. 1	1765.	140. 58	25	62. 7	Oct. 3	70. 0	Dec. 29	66. 6			Dec. 5	67. 5
13	40. 9	20	66. 7	July 12	57. 3	26	60. 1	11	75. 8	27	71. 6			7	65. 4
23	45. 1	29	67. 1	Aug. 15	63. 7	30	64. 4	Nov. 30	68. 5					12	67. 5
α Arietis.		31	65. 7	Sep. 9	67. 1	Oct. 3	70. 1	Castor.		Pollux.		1765.	145. 52	Arcturus.	
		Aug. 5	67. 4	19	61. 0	11	66. 5					June 11	18. 1		
1765.	93. 39	10	67. 2	25	62. 7	15	53. 8					15	16. 2	1765.	83. 35
July 11	54. 0	19	66. 9	26	60. 1	Nov. 29	64. 8					Sep. 23	17. 1	June 6	25. 8
Aug. 10	50. 9	20	79. 7	27	69. 4	Dec. 1	65. 9	1765.	175. 3	1765.	177. 53	25	20. 7	9	34. 7
27	49. 5	30	73. 9	Oct. 27	68. 4	2	64. 9	Sep. 1	"	June 7	43. 8	30	17. 1	10	32. 6
30	57. 6	Sep. 1	66. 8	Nov. 23	64. 6	27	74. 0	3	41. 7	9	44. 3	Oct. 1	16. 5	11	25. 3
Sep. 1	52. 3	5	65. 4	Dec. 1	62. 4			9	39. 3	Sep. 1	46. 8	2	19. 0	15	23. 4
4	55. 3	6	69. 1	27	69. 1	β Tauri.		22	39. 9	3	45. 1	26	14. 2	18	31. 7
5	55. 8	9	71. 3					24	46. 2	6	47. 2	Nov. 5	18. 8	20	34. 8
7	57. 3	10	71. 3	Oct. 27	68. 4	1765.	163. 51	25	46. 6	12	44. 8	9	21. 4	24	22. 0
30	53. 5	27	74. 0	Nov. 23	64. 6	June 6	66. 9	26	47. 4	18	48. 4	20	12. 1	29	37. 1
Oct. 1	53. 1	Nov. 21	76. 0	Dec. 1	62. 4	7	65. 7	28	48. 5	22	47. 5	30	11. 6	July 2	29. 2
3	56. 6	23	71. 5			9	68. 3	Oct. 11	46. 4	24	48. 0	Dec. 1	14. 8	8	31. 4
27	56. 0	27	75. 1	1765.	143. 1	12	56. 0	15	46. 3	25	30. 9	4	10. 2	9	36. 5
Nov. 21	52. 4	Dec. 1	66. 6	Aug. 15	63. 2	15	61. 1			26	44. 4	8	13. 3		
22	52. 3														

DEDUCED FROM THE OBSERVATIONS ACCORDING TO DR. MASKELYNE'S FIRST METHOD OF REDUCTION.

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Areturus <i>continued.</i>		α Coronæ.		β^1 Scorpii.		δ Ophiuchi <i>continued.</i>		α Ophiuchi <i>continued.</i>		α Lyræ. <i>continued.</i>		δ Aquilæ <i>continued.</i>		γ Aquilæ <i>continued.</i>	
Day of Observa- tion.	R. A. α — R. A. s .	Day of Observa- tion.	R. A. α — R. A. s .	Day of Observa- tion.	R. A. α — R. A. s .	Day of Observa- tion.	R. A. α — R. A. s .	Day of Observa- tion.	R. A. α — R. A. s .	Day of Observa- tion.	R. A. α — R. A. s .	Day of Observa- tion.	R. A. α — R. A. s .	Day of Observa- tion.	R. A. α — R. A. s .
1765.	83. 35	1765.	63. 38	1765.	56. 52	1765.	48. 46	1765.	33. 49	1765.	17. 34	1765.	6. 24	1765.	1. 3
July 10	26.8	June 6	33.3	June 18	29.2	July 7	16.7	July 11	12.5	July 7	63.7	July 13	57.2	July 24	24.9
12	29.9	9	42.2	22	30.2	8	10.7	12	10.1	8	58.6	17	55.4	27	27.6
13	31.9	15	34.0	July 2	25.5	9	2.8	13	13.5	9	71.4	19	55.2	28	25.7
14	29.8	17	32.0	4	40.4	10	7.2	14	19.5	10	60.5	20	57.4	29	27.4
15	36.5	18	36.8	8	37.6	11	5.5	15	14.7	11	51.6	21	60.4	30	30.6
17	31.9	20	33.6	9	44.4	12	5.8	17	10.4	12	50.0	22	59.7	31	28.8
18	17.2	22	37.8	10	30.9	13	1.0	18	13.2	13	54.6	23	57.9	Aug. 1	30.0
20	28.7	29	41.6	11	34.5	14	4.1	19	10.0	23	56.7	24	56.8	14	35.0
21	28.9	July 1	37.2	12	37.3	17	2.2	20	8.5	24	56.0	27	58.4	15	22.5
23	33.2	2	31.5	14	49.0	18	9.9	21	8.9	27	60.7	28	50.8	Sep. 10	27.4
27	34.4	7	41.1	18	46.9	21	7.3	23	12.6	28	57.1	29	53.3	12	20.0
28	34.7	8	36.4	21	38.6	24	8.7	24	11.7	30	61.1	31	58.5	13	24.3
29	34.8	10	31.6					28	13.4	31	62.3	Aug. 5	56.6	14	28.8
30	34.8	12	31.9	Antares.		α Herculis.		29	12.0	ug. 1	62.3	7	54.6	18	27.6
31	31.9	14	33.6					30	11.3	2	60.1	9	61.4	22	26.9
Aug. 1	31.2	17	34.4	1765.	51. 4	1765.	38. 50	31	13.0	7	60.7	10	55.6	24	25.6
19	35.1	18	32.8	June 6	10.3	June 29	45.7	Aug. 1	14.2	15	56.5	17	61.6	25	25.5
23	29.9	19	35.8	9	15.1	July 1	41.2	5	5.9	17	59.7	27	55.5	26	28.8
25	23.6	21	35.0	15	6.5	2	42.4	9	12.1	18	54.2	28	57.4	Oct. 3	24.4
28	32.1	24	29.1	17	10.8	7	52.6	10	12.4	23	60.7	Sep. 4	45.3	11	28.2
30	33.5	28	36.5	18	11.9	10	43.7	11	12.9	24	55.2	5	58.1	16	27.4
Sep. 1	32.6	30	42.3	20	13.7	11	41.8	15	11.4	27	59.2	7	56.2		
5	31.2	31	36.1	24	10.8	12	43.7	17	13.9	28	59.0	10	61.5	β Aquilæ.	
6	34.1	Sep. 1	35.1	29	18.6	13	41.7	18	3.3	30	57.8	12	50.2	Day of Observa- tion.	R. A. s — R. A. a .
7	33.9	Dec. 22	28.7	20	13.7	14	46.4	20	12.2	Sep. 1	58.6	13	54.8		
10	36.0			24	10.8	17	38.6	23	12.1	4	(38.0)	24	55.2	γ Aquilæ.	
12	24.1	α Serpentis.		29	18.6	18	44.9	25	12.2	5	59.7	25	53.6	1765.	1. 6
13	19.1			July 4	8.2	21	42.8	27	14.6	6	62.0	26	56.3		
24	33.8			7	20.1	24	51.4	28	14.5	7	55.6			June 6	43.3
25	32.8			8	10.6	29	44.0	30	11.2	13	57.9			10	42.8
Oct. 3	29.3			10	7.7	30	40.2	Aug. 1	12.6	18	56.5			11	47.0
26	32.9			11	9.0	Aug. 1	45.3	5	11.1	24	57.8			15	54.6
Nov. 5	33.8			12	8.6	5	36.1	6	16.5	25	59.7			17	48.2
7	29.2	1765.	61. 39	13	0.9	9	45.5	7	10.5	26	53.8			18	46.3
20	34.1	June 6	4.5	14	15.6	11	43.1	13	17.7	29	60.5			20	51.6
21	34.1	9	4.5	15	19.7	15	42.6	22	14.6	Oct. 1	65.3			22	45.7
22	30.4	June 6	9.1	17	7.3	Sep. 1	42.2	24	5.4	2	57.3			24	50.0
27	12.8	15	5.5	18	11.4	α Ophiuchi.		Oct. 3	0.8	5	59.8			29	48.2
Dec. 1	32.5	17	4.3	19	14.3	1765.	33. 49	11	14.0	8	59.5			July 2	49.7
4	27.7	18	7.1	21	11.0	June 6	13.9			16	58.8			8	46.8
5	34.8	20	13.3	24	10.3	9	16.9	α Lyræ.		27	52.9			10	47.2
7	29.0	22	11.6	29	12.6	11	17.9	1765.	17. 34	Nov. 5	59.4			11	47.9
12	28.1	22	11.6	30	11.5	15	11.7	June 6	50.4	8	59.5			12	47.7
22	23.0	29	8.3	Aug. 1	11.1	20	15.4	9	64.6	Dec. 23	52.7			13	50.1
α^2 Libræ.		July 1	3.2	10	13.9	22	12.6	11	59.1	27	59.9			14	49.7
		2	4.8	19	13.4	24	13.6	17	58.4	δ Aquilæ.				15	46.2
		4	4.3	20	9.6	July 1	11.4	18	52.8	1765.	6. 24			17	49.5
		8	5.9	23	14.5	2	9.0	20	65.6	June 11	65.7			18	54.0
		9	14.8	24	5.1	7	19.6	22	63.1	20	58.9			19	49.3
		10	9.8	30	14.8	8	14.8	29	65.4	July 1	53.7			20	47.5
		12	6.5	Sep. 12	5.9	9	18.5	July 1	57.2	22	62.2			21	49.3
		14	3.5	δ Ophiuchi.		10	14.6	4	52.3	29	53.4			22	43.2
		17	6.8	1765.	48. 46					July 7	65.6			23	48.1
		18	9.1	June 22	8.2					10	58.9			24	47.5
		19	7.7	July 4	5.0									27	45.6
		20	6.7											28	48.1
		21	6.0												
		24	5.5												
		29	11.0												
		30	7.7												

{xii} SEPARATE RESULTS FOR THE DIFFERENCE OF MEAN R.A. OF PRINCIPAL STARS FROM THE MEAN R.A. OF α AQUILÆ.

β Aquilæ continued.		θ Aquilæ continued.		α Cygni.		α Aquarii.		Fomalhaut continued.		α Pegasi continued.		α Pegasi continued.		α Andromedæ continued.			
Day of Observa- tion.	R. A. s — R. A. α .	Day of Observa- tion.	R. A. s — R. A. α .	Day of Observa- tion.	R. A. s — R. A. α .	Day of Observa- tion.	R. A. s — R. A. α .	Day of Observa- tion.	R. A. s — R. A. α .	Day of Observa- tion.	R. A. s — R. A. α .	Day of Observa- tion.	R. A. s — R. A. α .	Day of Observa- tion.	R. A. s — R. A. α .		
1765.	0. 6	1765.	4. 57	1765.	13. 31	1765.	33. 35	1765.	46. 19	1765.	48. 26	1765.	48. 26	1765.	64. 14		
July 29	47. 5	July 28	51. 0	June 9	38. 3	June 24	50. 6	July 11	30. 8	July 13	26. 2	Nov. 23	21. 9	July 30	37. 4		
30	47. 0	30	51. 6	10	40. 8	July 10	63. 2	12	37. 0	14	26. 8	27	22. 2	Aug. 7	(18. 8)		
31	45. 6	Aug. 9	47. 9	17	46. 4	11	53. 0	13	36. 4	17	39. 0	28	22. 4	9	42. 9		
Aug. 1	46. 3	17	47. 7	22	33. 8	12	54. 5	14	36. 3	18	23. 4	29	35. 6	10	27. 5		
15	52. 5			24	32. 6	13	46. 5	17	34. 7	22	20. 2	30	26. 1	11	32. 5		
Sep. 12	55. 0	α^2 Capricorni.		29	39. 9	17	48. 6	18	29. 0	29	28. 3	Dec. 1	20. 8	15	41. 3		
14	50. 0			July 2	40. 3	20	53. 0	22	28. 4	31	21. 1	5	21. 9	27	32. 3		
18	48. 1			8	50. 9	22	41. 4	31	27. 6	Aug. 1	18. 5	6	19. 0	30	37. 1		
Oct. 11	43. 8			10	33. 1	Aug. 1	47. 8	Aug. 1	28. 6	9	24. 6	8	21. 5	Sep. 1	30. 5		
θ Aquilæ.		1765.	6. 25	11	41. 8	5	48. 5	27	31. 7	10	25. 4	13	19. 3	4	34. 2		
		June 6	15. 7	12	32. 1	27	52. 7	Sep. 24	29. 5	11	20. 8	23	27. 6	5	40. 7		
		10	12. 3	13	37. 4	28	48. 6	25	27. 4	Sep. 1	24. 0	α Andromedæ.		7	37. 2		
		24	19. 6	14	52. 4	Sep. 1	51. 8	26	31. 9	4	20. 9			30	31. 8		
1765.		July 10	17. 3	18	61. 6	24	54. 0	30	29. 7	5	21. 5			Oct. 1	28. 7		
		11	15. 3	29	42. 8	25	50. 6	Oct. 1	29. 1	24	17. 7			3	35. 7		
		12	13. 7	30	39. 3	26	46. 2	3	31. 9	25	19. 7			16	33. 4		
		13	14. 4	Aug. 1	50. 0	30	50. 2	5	32. 1	26	16. 7			22	30. 6		
		17	8. 7	Oct. 1	51. 5	Oct. 1	51. 5	α Pegasi.		29	17. 2			27	35. 4		
		18	10. 8	3	56. 6	27	52. 7			30	24. 9			Nov. 10	35. 4		
		Aug. 27	21. 1	23	35. 1	Nov. 21	55. 6	Fomalhaut.		Oct. 1	18. 1			21	32. 5		
		Sep. 1	16. 4	Sep. 1	39. 6	1765.				3	20. 1			22	31. 4		
		9	10. 5	24	35. 9					5	19. 5			23	35. 5		
		24	14. 8	25	34. 8	July 10	36. 4			16	20. 1			27	37. 0		
		25	14. 2	26	32. 6	July 10	36. 4	1765.	48. 26	Nov. 6	22. 5			Dec. 1	30. 6		
1765.		26	10. 8	29	36. 5	July 10	36. 4	June 22	24. 9	8	19. 7			5	30. 4		
		17	49. 9	30	35. 0	11	23. 2	July 10	25. 0	10	19. 5			8	36. 6		
		18	46. 4			12	13. 2	11	23. 2	21	26. 2			23	39. 2		
										22	17. 5						
												1765.					

SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1765, for 1765, Jan. 1, by Dr. MASKELYNE'S
Second Method of Reduction.

Assumed Mean R. A. of α Aquilæ, 1765, Jan. 1 = $19^{\text{h}}.39^{\text{m}}.18^{\text{s}}.87$.

γ Pegasi.	α Arietis. <i>continued.</i>	Capella <i>continued.</i>	α Orionis. <i>continued.</i>	Sirius <i>continued.</i>	Procyon. <i>continued.</i>	Pollux <i>continued.</i>	Spica <i>continued.</i>
1765. ^h 0. ^m 1	1765. ^h 1. ^m 53	1765. ^h 4. ^m 59	1765. ^h 5. ^m 42	1765. ^h 6. ^m 34	1765. ^h 7. ^m 26	1765. ^h 7. ^m 30	1765. ^h 13. ^m 12
July 13 9 ^s 88	Dec. 5 58 ^s 47	July 10 21 ^s 63	July 13 26 ^s 88	July 31 47 ^s 23	Aug. 18 59 ^s 24	Dec. 4 54 ^s 57	June 9 50 ^s 08
14 9 ^s 44	6 58 ^s 47	11 21 ^s 52	16 27 ^s 08	Aug. 5 47 ^s 29	19 59 ^s 06	27 54 ^s 18	11 50 ^s 64
18 9 ^s 72	8 58 ^s 47	12 21 ^s 20	20 26 ^s 74	10 47 ^s 21	15 58 ^s 93		15 50 ^s 66
22 9 ^s 48	13 58 ^s 23	13 21 ^s 64	29 26 ^s 99	15 47 ^s 24	3 59 ^s 03		18 49 ^s 44
30 9 ^s 65	23 58 ^s 88	14 22 ^s 54	30 27 ^s 64	17 47 ^s 15	5 59 ^s 30	α Hydræ.	20 50 ^s 12
Aug. 9 9 ^s 83		16 21 ^s 67	31 27 ^s 75	18 47 ^s 24	6 59 ^s 19		22 50 ^s 24
10 9 ^s 57		17 21 ^s 82	Aug. 10 26 ^s 96	19 48 ^s 00	9 59 ^s 18		29 50 ^s 00
11 9 ^s 64	α Ceti.	23 21 ^s 73	14 27 ^s 43	24 47 ^s 31	11 60 ^s 03	1765. ^h 9. ^m 16	July 13 49 ^s 24
15 9 ^s 81		24 21 ^s 59	15 27 ^s 43	1 46 ^s 99	12 59 ^s 52	Oct. 27 2 ^s 32	14 50 ^s 26
27 9 ^s 07	1765. ^h 2. ^m 50	27 21 ^s 32	19 27 ^s 33	3 47 ^s 55	22 59 ^s 08	Nov. 5 1 ^s 74	17 50 ^s 30
30 9 ^s 76		28 21 ^s 76	24 27 ^s 66	5 47 ^s 36	24 59 ^s 39	30 2 ^s 68	18 49 ^s 80
Sep. 1 9 ^s 70	Nov. 21 1 ^s 09	29 21 ^s 42	Sep. 1 26 ^s 84	6 47 ^s 35	25 59 ^s 23	Dec. 1 2 ^s 19	19 49 ^s 87
4 10 ^s 13	23 1 ^s 33	30 21 ^s 33	4 27 ^s 43	9 47 ^s 15	26 59 ^s 47		21 50 ^s 16
5 9 ^s 94	27 1 ^s 26	31 21 ^s 86	5 27 ^s 33	11 47 ^s 54	28 59 ^s 02		23 50 ^s 65
7 9 ^s 84	29 0 ^s 44	Aug. 1 22 ^s 12	6 27 ^s 22	12 47 ^s 88	Oct. 4 59 ^s 52	Regulus.	30 50 ^s 12
26 9 ^s 63		10 21 ^s 61	9 27 ^s 23	14 47 ^s 05	9 59 ^s 84		Sep. 1 50 ^s 35
30 9 ^s 64	Aldebaran.	14 22 ^s 28	11 27 ^s 49	22 47 ^s 39	11 59 ^s 49		Nov. 21 50 ^s 16
Oct. 1 9 ^s 61		15 22 ^s 35	14 27 ^s 64	24 47 ^s 70	15 59 ^s 69	1765. ^h 9. ^m 55	22 50 ^s 31
3 9 ^s 59			18 26 ^s 75	25 47 ^s 41	26 59 ^s 84	June 11 50 ^s 17	28 50 ^s 27
16 9 ^s 64	1765. ^h 4. ^m 22	Rigel.	22 27 ^s 47	26 47 ^s 16	27 59 ^s 82	15 49 ^s 69	Dec. 5 50 ^s 46
22 9 ^s 61	June 23 2 ^s 18	1765. ^h 5. ^m 3	24 28 ^s 00	Oct. 3 47 ^s 55	Nov. 5 59 ^s 32	Sep. 23 49 ^s 76	7 50 ^s 18
27 9 ^s 68	July 12 27 ^s 10	Aug. 15 15 ^s 37	25 27 ^s 19	9 48 ^s 34	9 59 ^s 26	25 49 ^s 47	12 50 ^s 46
Nov. 10 9 ^s 79	13 27 ^s 35	Sep. 9 15 ^s 48	26 26 ^s 95	11 47 ^s 96	29 58 ^s 52	30 49 ^s 76	
22 9 ^s 40	17 28 ^s 03	19 15 ^s 27	30 27 ^s 11	15 47 ^s 65	Dec. 2 59 ^s 26	Oct. 1 49 ^s 88	Arcturus.
23 9 ^s 68	18 26 ^s 94	10 15 ^s 43	Oct. 3 27 ^s 59	Nov. 30 47 ^s 54	4 59 ^s 70	2 49 ^s 86	1765. ^h 14.

SEPARATE RESULTS FOR MEAN R. A., FOR STARS COMPARED WITH α AQUILÆ.

Areturus <i>continued.</i>		α Coronæ Borealis <i>continued.</i>		Antares <i>continued.</i>		α Ophiuchi <i>continued.</i>		α Lyræ. <i>continued.</i>		δ Aquilæ.		γ Aquilæ <i>continued.</i>		β Aquilæ <i>continued.</i>	
1765.	^h 14. ^m 4	1765.	^h 15. ^m 24	1765.	^h 16. ^m 15	1765.	^h 17. ^m 24	1765.	^h 18. ^m 28	1765.	^h 19. ^m 13	1765.	^h 19. ^m 35	1765.	^h 19. ^m 43
Aug. 19	56° 66'	July 12	44° 70'	July 13	2° 79'	July 8	1° 89'	July 7	58° 55'	June 11	38° 85'	July 21	5° 41'	Sept. 12	46° 54'
23	56° 96'	14	44° 53'	14	1° 75'	9	1° 58'	8	58° 96'	20	38° 81'	22	5° 25'	14	46° 20'
25	56° 80'	17	44° 65'	15	1° 96'	10	2° 06'	9	58° 09'	22	38° 79'	23	4° 98'	18	46° 08'
28	56° 83'	18	44° 82'	17	2° 45'	11	2° 18'	10	58° 84'	29	39° 29'	24	5° 20'	Oct. 8	46° 03'
30	56° 69'	19	44° 52'	18	2° 30'	12	2° 18'	12	59° 53'	July 1	39° 37'	27	5° 04'	11	45° 83'
Sept. 1	56° 72'	21	44° 53'	19	2° 02'	13	2° 04'	13	59° 23'	7	38° 52'	28	5° 11'		
5	56° 84'	24	44° 95'	21	2° 17'	14	2° 26'	23	58° 91'	10	38° 79'	29	5° 13'		
6	56° 57'	28	43° 39'	24	2° 19'	15	2° 13'	24	59° 14'	13	38° 80'	30	4° 83'		
7	56° 90'	30	44° 08'	29	2° 16'	17	2° 15'	27	58° 81'	17	39° 03'	31	4° 94'		
10	56° 47'	31	44° 49'	30	2° 12'	18	2° 07'	28	59° 05'	19	39° 05'	Aug. 1	4° 86'		
12	57° 01'	Sept. 1	44° 45'	Aug. 1	2° 10'	19	2° 29'	30	58° 82'	20	38° 86'	14	4° 54'		
13	57° 63'	Dec. 22	44° 90'	10	1° 95'	20	2° 28'	31	58° 72'	21	39° 04'	15	5° 38'		
24	56° 83'			19	2° 22'	21	2° 31'	Aug. 1	58° 91'	22	38° 70'	Sept. 10	5° 00'		
25	56° 81'			20	2° 15'	23	1° 90'	5	58° 88'	23	38° 67'	12	5° 54'		
Oct. 3	57° 07'			23	1° 98'	24	2° 07'	7	58° 85'	24	38° 88'	13	5° 21'		
Nov. 5	56° 48'			24	1° 89'	28	1° 93'	15	59° 15'	27	38° 79'	14	5° 12'		
7	57° 27'			30	1° 87'	29	2° 21'	17	58° 95'	28	39° 23'	18	5° 03'		
20	56° 86'			Sept. 12	2° 61'	30	2° 13'	18	59° 20'	29	39° 19'	22	5° 08'		
21	56° 73'					31	2° 02'	23	58° 84'	31	38° 72'	24	5° 16'		
22	56° 93'					Aug. 1	1° 92'	24	59° 15'	Aug. 5	38° 88'	25	5° 17'		
27	58° 03'					5	2° 52'	27	58° 86'	7	39° 17'	26	4° 94'		
Dec. 1	56° 72'					9	2° 00'	28	58° 95'	9	38° 86'	Oct. 3	5° 29'		
4	56° 98'					10	2° 06'	30	58° 97'	10	38° 96'	11	5° 03'		
5	56° 78'					11	2° 36'	Sept. 1	58° 95'	17	38° 67'	16	5° 04'		
7	57° 08'					15	2° 11'	5	60° 31'	27	38° 82'				
8	56° 60'					17	2° 03'	5	58° 75'	28	38° 75'				
12	57° 18'					18	2° 38'	6	58° 73'	4	39° 59'				
22	57° 49'					20	1° 91'	7	59° 05'	5	38° 70'				
						23	2° 08'	13	59° 00'	7	38° 80'				
						24	1° 96'	18	59° 21'	10	38° 40'				
						25	2° 14'	24	59° 06'	12	39° 21'				
						27	1° 75'	25	58° 95'	13	38° 86'				
						28	1° 92'	26	58° 88'	24	38° 82'				
						30	2° 14'	29	58° 86'	25	38° 95'				
						Sept. 1	2° 07'	Oct. 1	58° 56'	26	38° 66'				
						2	2° 11'	3	59° 12'						
						4	2° 03'	5	59° 22'						
						5	2° 07'	8	58° 77'						
						6	1° 75'	11	59° 37'						
						7	2° 07'	16	58° 98'						
						10	1° 67'	27	59° 38'						
						13	2° 53'	Nov. 6	58° 93'						
						22	2° 07'	Dec. 23	59° 40'						
						24	2° 58'	27	58° 66'						
						Oct. 3	2° 91'								
						11	2° 02'								
						Sept. 1	56° 53'								
								</							

SEPARATE RESULTS for MEAN R. A. of STARS compared with α ORIONIS in the Year 1765, for 1765, Jan. 1.

Assumed Mean R. A. of α Orionis, 1765, Jan. 1 = $5^{\text{h}}.42^{\text{m}}.27^{\text{s}}.43$.

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SEPARATE RESULTS FOR MEAN R. A. FOR STARS COMPARED WITH PROCYON.

SEPARATE RESULTS for MEAN R. A. of STARS compared with PROCYON in the Year 1765, for 1765, Jan. 1.

Assumed Mean R. A. of Procyon, 1765, Jan. 1 = $7^h. 27^m. 0^s. 00$.

α Arietis.		Rigel.		Sirius.		Castor <i>continued.</i>		Pollux <i>continued.</i>		Regulus.	
1765.	$1^h. 53^m$	1765.	$5^h. 3^m$	1765.	$6^h. 34^m$	1765.	$7^h. 19^m$	1765.	$7^h. 30^m$	1765.	$9^h. 55^m$
Oct. 25	$59^s. 48$	Oct. 9	$16^s. 07$	June 1	$47^s. 90$	Sep. 19	$35^s. 02$	Oct. 9	$54^s. 76$	May 31	$50^s. 50$
26	$59^s. 10$	29	$15^s. 77$	2	$48^s. 67$	23	$34^s. 79$	10	$54^s. 90$	June 1	$50^s. 39$
29	$58^s. 70$	Nov. 2	$15^s. 93$	Sep. 3	$48^s. 53$	Oct. 9	$34^s. 62$	25	$55^s. 37$	8	$50^s. 27$
Nov. 2	$59^s. 44$	Dec. 27	$16^s. 08$	19	$48^s. 13$	10	$35^s. 75$	26	$55^s. 61$	Oct. 10	$50^s. 30$
Aldebaran.		α Orionis.		23	$48^s. 45$	25	$34^s. 75$	Nov. 2	$54^s. 83$	26	$50^s. 15$
1765.	$4^h. 22^m$	1765.	$5^h. 42^m$	Oct. 9	$48^s. 55$	Nov. 2	$34^s. 81$	3	$54^s. 78$	29	$50^s. 21$
Oct. 29	$27^s. 94$	June 1	$27^s. 89$	10	$48^s. 48$	3	$34^s. 56$	27	$54^s. 95$	31	$51^s. 01$
Nov. 2	$28^s. 70$	2	$28^s. 33$	29	$47^s. 95$	Dec. 27	$34^s. 85$	α Hydræ.		Nov. 2	$50^s. 81$
Dec. 27	$28^s. 76$	8	$27^s. 80$	31	$48^s. 22$	Pollux.		β Leonis.		3	$50^s. 38$
Capella.		Sep. 23	$28^s. 07$	Castor.		1765.	$7^h. 30^m$	1765.	$9^h. 16^m$		
1765.	$4^h. 59^m$	Oct. 9	$28^s. 10$	1765.	$7^h. 19^m$	June 2	$55^s. 50$	June 1	$2^s. 62$	1765.	$11^h. 37^m$
May 31	$22^s. 88$	10	$27^s. 93$	Aug. 8	$34^s. 82$	Aug. 8	$54^s. 80$	Oct. 29	$2^s. 42$	June 1	$4^s. 23$
		29	$27^s. 63$	Sep. 3	$34^s. 49$	Sep. 3	$54^s. 78$	31	$2^s. 67$	Nov. 3	$3^s. 81$
		31	$28^s. 05$			19	$54^s. 86$	Nov. 3	$3^s. 54$		
		Nov. 2	$27^s. 96$			23	$55^s. 04$				
		Dec. 27	$28^s. 16$								

AND α AQUILÆ, AT THE ROYAL OBSERVATORY, GREENWICH, IN 1765 AND 1766.

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SEPARATE RESULTS for MEAN R.A. of STARS compared with α AQUILÆ in the Year 1766, for 1766, Jan. 1.Assumed Mean R.A. of α Aquilæ, 1766, Jan. 1 = $19^h.39^m.21^s.54$.

γ Pegasi.	Aldebaran continued.	Procyon.	β Leonis.	α Serpentis.	α Ophiuchi continued.	γ Aquilæ.	β Aquilæ continued.
1766. h^m July 28 12.88 Aug. 1 12.13 20 12.36 21 12.62 23 12.39 27 12.30 Sep. 14 12.21 15 12.49 18 12.20 19 12.43 21 12.46 25 12.49 Oct. 11 12.32 12 12.41 13 12.33 17 12.31 22 12.52 24 12.38 30 12.48 31 12.38 Nov. 6 12.28 9 12.46 11 12.35 14 12.27 16 12.38 22 12.29 26 12.39 28 12.37	1766. h^m Sep. 25 30.79 28 30.81 Nov. 16 30.79 26 30.76 Rigel. 1766. h^m Sep. 25 17.62 α Orionis. 1766. h^m Aug. 4 29.92 21 30.31 27 30.23 Sep. 2 30.38 5 29.95 8 30.28 13 30.09 14 30.18 15 30.28 25 30.37 28 30.21 29 30.45 Oct. 22 30.62 24 30.17 Sirius. 1766. h^m Aug. 5 50.05 7 49.96 20 49.75 27 49.66 Sep. 5 49.65 Aldebaran. 1766. h^m Aug. 5 31.10 25 30.86	1766. h^m Mar. 15 1.84 16 2.10 20 2.23 23 2.29 24 2.28 25 2.41 27 2.58 Apr. 8 2.11 13 2.47 15 2.09 16 2.10 18 2.20 Aug. 19 2.09 25 2.12 Sep. 2 2.24 8 2.21 13 1.86 14 1.90 15 2.04 21 2.12 28 2.34 Oct. 7 2.36 14 1.94 22 2.15 Pollux. 1766. h^m Aug. 20 57.36 Sep. 8 57.69 Oct. 24 57.35 Nov. 22 57.43 α Hydræ. 1766. h^m May 5 4.91 Regulus. 1766. h^m May 5 53.02 July 25 52.79 Oct. 13 52.61 31 52.76 Nov. 26 52.90	1766. h^m May 5 6.25 Nov. 26 6.10 Spica. 1766. h^m Mar. 26 53.52 May 5 53.47 26 53.39 Aug. 1 52.97 Areturus. 1766. h^m Feb. 3 59.57 Mar. 26 59.48 May 5 59.57 26 59.41 July 21 59.57 Aug. 6 59.15 13 59.39 21 59.49 22 59.19 25 59.24 Sep. 9 59.53 13 59.25 14 59.72 29 59.17 Oct. 12 59.21 24 59.44 31 58.93 Nov. 9 59.47 26 59.08 α Libræ. 1766. h^m Feb. 3 57.84 Mar. 26 58.28 May 26 58.04 α Coronæ Borealis. 1766. h^m Jan. 8 47.14 May 26 46.91 Aug. 1 46.57 6 46.57 13 46.79	1766. h^m Jan. 8 45.62 Feb. 3 45.46 May 26 45.18 June 23 44.99 Aug. 11 44.65 13 44.77 Antares. 1766. h^m Feb. 3 5.95 June 23 5.33 July 28 5.57 ζ Ophiuchi. 1766. h^m June 4 17.40 7 17.43 8 17.28 11 17.26 12 17.15 14 17.48 July 6 17.30 19 17.31 21 17.77 α Herculis. 1766. h^m July 21 58.55 28 58.49 α Ophiuchi. 1766. h^m Feb. 3 4.78 June 23 4.48 July 7 4.70 21 4.62 25 4.91 28 4.67 Aug. 5 4.63 6 4.68 7 4.76 10 4.74 11 4.61	1766. h^m Aug. 13 4.66 15 4.69 19 4.60 20 4.73 21 4.77 25 4.51 26 4.53 29 4.68 31 4.82 Sep. 1 4.68 2 4.63 3 4.62 8 4.41 13 4.47 14 4.56 25 4.53 α Lyrae. 1766. h^m Jan. 8 0.77 Feb. 3 0.99 4 0.78 Mar. 14 0.77 23 1.03 24 1.15 26 1.07 Apr. 7 (0.15) δ Aquilæ. 1766. h^m May 26 41.45 July 25 41.60 26 41.50 28 41.55 30 41.47 Aug. 1 41.42 5 41.66 6 41.73 7 41.38 10 41.46 11 41.40 12 41.62 13 41.26 15 41.29 19 41.48	1766. h^m May 26 7.79 July 7 7.71 21 7.64 23 7.38 28 7.74 Aug. 1 7.55 5 7.79 6 7.77 7 7.58 10 7.85 11 7.67 12 7.54 13 7.75 15 7.66 19 7.83 20 7.72 23 7.78 25 7.58 26 7.52 27 7.79 29 7.70 31 7.92 Sep. 1 7.87 2 7.79 3 7.75 5 7.71 8 7.75 9 7.83 10 7.67 11 7.71 13 7.67 14 7.79 15 7.75 18 7.66 19 7.83 21 7.71 28 7.79 29 7.74	1766. h^m Aug. 21 48.86 22 48.68 23 48.91 25 48.79 26 48.65 27 48.75 29 48.74 31 48.96 Sep. 1 48.95 2 48.75 3 48.72 5 48.75 8 48.66 9 48.79 13 48.71 15 48.92 18 48.87 19 48.96 21 48.75 25 48.92 28 48.74 29 48.91 Oct. 7 48.92 10 48.87 12 48.83 13 48.79 17 48.79 Nov. 6 48.79 θ Aquilæ. 1766. h^m May 26 13.21 July 26 13.28 28 13.25 Aug. 4 13.11 α^1 Capricorni. 1766. h^m July 26 39.33 28 39.19 α^2 Capricorni. 1766. h^m May 26 2.88 July 26 2.98 28 2.94

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SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ, α ORIONIS, AND PROCYON,

α^2 Capricorni continued.		α Cygni continued.		α Aquarii continued.		α Pegasi.		α Andromedæ continued.	
1766.	^h 20. ^m 5	1766.	^h 20. ^m 33	1766.	^h 21. ^m 53	1766.	^h 22. ^m 53	1766.	^h 23. ^m 56
Aug. 4	3 ^s 01	Mar. 14	26 ^s 90	Sep. 15	45 ^s 21	July 28	6 ^s 81	Feb. 5	19 ^s 69
5	2 ^s 99	15	27 ^s 05	18	45 ^s 12	Aug. 16	6 ^s 81	July 28	20 ^s 18
10	2 ^s 84	16	27 ^s 22	19	45 ^s 17	19	6 ^s 85	Aug. 1	19 ^s 66
19	3 ^s 03	22	27 ^s 11	21	45 ^s 33	20	6 ^s 84	20	19 ^s 84
20	2 ^s 99	Apr. 7	26 ^s 97	25	45 ^s 39	21	7 ^s 16	21	20 ^s 00
21	3 ^s 05	12	27 ^s 23	28	45 ^s 22	25	6 ^s 93	23	19 ^s 98
23	3 ^s 08	14	27 ^s 33	29	45 ^s 27	Sep. 15	6 ^s 89	25	20 ^s 20
25	3 ^s 04	15	27 ^s 03	Oct. 7	45 ^s 21	18	6 ^s 81	27	19 ^s 90
26	2 ^s 70	17	27 ^s 53	12	45 ^s 31	19	6 ^s 90	Sep. 14	19 ^s 93
27	2 ^s 88	18	27 ^s 51	17	45 ^s 25	Oct. 7	6 ^s 96	19	19 ^s 90
29	2 ^s 92			22	45 ^s 41	11	6 ^s 98	21	19 ^s 99
31	3 ^s 00			Nov. 6	45 ^s 09	12	6 ^s 86	25	19 ^s 88
Sep. 13	2 ^s 80	α Aquarii.		9	45 ^s 28	17	6 ^s 88	Oct. 7	19 ^s 81
19	2 ^s 90			11	45 ^s 13	22	7 ^s 08	22	20 ^s 11
Oct. 10	3 ^s 03			22	45 ^s 17	24	6 ^s 78	24	19 ^s 86
11	2 ^s 94			26	45 ^s 18	Nov. 6	6 ^s 84	30	20 ^s 01
12	2 ^s 94			28	45 ^s 01	9	6 ^s 94	31	19 ^s 79
13	2 ^s 92					11	6 ^s 74	Nov. 6	19 ^s 89
α Cygni.		1766.	^h 21. ^m 53	Fomalhaut.		16	7 ^s 09	9	19 ^s 99
		July 23	45 ^s 15			22	6 ^s 79	11	19 ^s 77
		Aug. 10	45 ^s 19			α Andromedæ.		14	19 ^s 74
		11	45 ^s 08					16	19 ^s 84
		12	45 ^s 14			1766.	^h 23. ^m 56	22	19 ^s 80
		13	45 ^s 06	1766.	^h 22. ^m 44	Feb. 4	19 ^s 89	26	20 ^s 05
		16	45 ^s 32	Aug. 19	40 ^s 17			28	19 ^s 78
		19	45 ^s 13	20	39 ^s 93				
		20	45 ^s 29						
		23	45 ^s 19						

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEAR 1766.

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SEPARATE RESULTS for MEAN R.A. of STARS compared with α ORIONIS in the Year 1766, for 1766, Jan. 1.Assumed Mean R.A. of α Orionis, 1766, Jan. 1 = $5^h.42^m.27^s.43$.(All the Results require to be increased by $2^s.82$, in consequence of an incorrect Assumed R.A. of α Orionis.)

α Arietis.		α Ceti.		Aldebaran.		Rigel.		β Tauri.		Regulus.	
1766.	$1^h.53^m$	1766.	$2^h.50^m$	1766.	$4^h.22^m$	1766.	$5^h.3^m$	1766.	$5^h.11^m$	1766.	$9^h.55^m$
Feb. 11	$58^s.62$	Jan. 1	$1^s.15$	Jan. 1	$27^s.87$	Jan. 1	$14^s.99$	Jan. 1	$27^s.85$	Jan. 1	$50^s.26$
		23	$1^s.05$	23	$27^s.90$	Mar. 17	$14^s.97$			Mar. 6	$50^s.10$
				Feb. 10	$28^s.04$					17	$50^s.00$
				Mar. 9	$28^s.26$						
				17	$27^s.76$						

SEPARATE RESULTS for MEAN R.A. of STARS compared with PROCYON in the Year 1766, for 1766, Jan. 1.

Assumed Mean R.A. of Procyon, 1766, Jan. 1 = $7^h.27^m.0^s.00$.(All the Results require to be increased by $2^s.17$, in consequence of an incorrect Assumed R.A. of Procyon.)

α Arietis.		Aldebaran <i>continued.</i>		Rigel.		α Orionis <i>continued.</i>		Sirius <i>continued.</i>		Pollux <i>continued.</i>		Regulus <i>continued.</i>	
1766.	$1^h.53^m$	1766.	$4^h.22^m$	1766.	$5^h.3^m$	1766.	$5^h.42^m$	1766.	$6^h.34^m$	1766.	$7^h.30^m$	1766.	$9^h.55^m$
Jan. 28	$59^s.39$	Feb. 4	$28^s.52$	Jan. 17	$15^s.46$	Feb. 8	$27^s.98$	Apr. 17	$48^s.27$	Mar. 28	$55^s.37$	Feb. 4	$50^s.56$
30	$59^s.27$	5	$28^s.46$	28	$15^s.89$	18	$28^s.08$			Apr. 15	$55^s.55$	5	$50^s.58$
Feb. 2	$59^s.30$	8	$28^s.54$	30	$15^s.60$	19	$28^s.29$	Castor.		17	$55^s.51$	7	$50^s.71$
4	$59^s.24$	18	$28^s.70$	Feb. 5	$15^s.77$	3	$28^s.45$			18	$55^s.32$	18	$50^s.63$
5	$59^s.38$	19	$28^s.26$	7	$15^s.50$	4	$27^s.93$			21	$55^s.08$	Mar. 3	$50^s.66$
19	$59^s.49$	Mar. 3	$28^s.59$	8	$15^s.73$	8	$27^s.93$	1766.				8	$50^s.70$
Mar. 3	$59^s.28$	4	$28^s.47$	18	$15^s.46$	10	$28^s.19$			7.	$7^h.19^m$		
4	$59^s.04$	8	$28^s.48$	19	$15^s.71$	11	$28^s.11$	Feb. 3	$35^s.35$	α Hydræ.		20	$50^s.96$
8	$59^s.12$	10	$28^s.75$	Mar. 14	$15^s.81$	14	$28^s.17$	19	$35^s.56$				
10	$59^s.18$	11	$28^s.75$	Apr. 8	$15^s.42$	15	$28^s.26$	Mar. 20	$35^s.54$	1766.	$9^h.16^m$	23	$51^s.01$
11	$59^s.22$	14	$28^s.47$	9	$15^s.31$	16	$28^s.25$	21	$35^s.53$		25	$50^s.44$	
α Ceti.		15	$28^s.59$	12	$15^s.72$	20	$28^s.22$	23	$35^s.45$	Feb. 3	$2^s.90$	27	$50^s.63$
		16	$28^s.58$	13	$15^s.36$	21	$28^s.00$	24	$35^s.35$	Mar. 3	$2^s.84$	28	$50^s.69$
		20	$28^s.70$	16	$15^s.68$	24	$28^s.44$	27	$35^s.43$	4	$2^s.56$	29	$50^s.54$
		24	$28^s.45$	17	$16^s.00$	27	$27^s.95$	28	$35^s.38$	20	$3^s.08$	Apr. 8	$51^s.03$
β Tauri.		27	$28^s.54$	α Orionis.		28	$28^s.01$	Apr. 15	$35^s.34$	21	$2^s.79$	11	$50^s.59$
		28	$28^s.45$			29	$27^s.90$	16	$35^s.48$	23	$2^s.64$	12	$50^s.92$
		29	$28^s.21$			Apr. 8	$28^s.01$	17	$35^s.44$	24	$2^s.97$	13	$50^s.67$
		Apr. 8	$28^s.33$			9	$27^s.87$	Pollux.		25	$2^s.52$	16	$50^s.64$
9	$28^s.48$	11	$28^s.23$	1766.	$7^h.30^m$	27	$2^s.56$			17	$50^s.92$		
11	$28^s.65$	12	$28^s.16$	12	$28^s.16$	13	$27^s.80$	1766.		28	$2^s.51$	18	$50^s.76$
12	$28^s.61$	13	$27^s.80$	15	$27^s.90$	15	$27^s.90$			Apr. 16	$2^s.81$	21	$50^s.31$
13	$28^s.23$	16	$28^s.46$	16	$28^s.02$	16	$28^s.02$	Feb. 3	$55^s.68$	17	$2^s.88$	β Leonis.	
16								18	$2^s.85$	21	$2^s.65$		
Aldebaran.		Capella.		α Orionis.		Sirius.		1766.	$7^h.30^m$	Jan. 28	$55^s.33$	Regulus.	
								30	$55^s.37$	Feb. 3	$55^s.68$		
								18	$55^s.40$	19	$55^s.64$		
								Mar. 20	$55^s.48$	21	$55^s.46$		
1766.	$4^h.22^m$	1766.	$4^h.59^m$	1766.	$5^h.42^m$	1766.	$6^h.34^m$	23	$55^s.23$	1766.	$9^h.55^m$	1766.	$11^h.37^m$
Jan. 17	$28^s.54$	Jan. 17	$28^s.05$	Jan. 17	$28^s.05$	Feb. 19	$47^s.86$	24	$55^s.41$	Jan. 28	$50^s.62$	Jan. 28	$3^s.87$
30	$28^s.57$	28	$28^s.15$	28	$28^s.15$	Mar. 23	$47^s.60$	25	$55^s.48$	30	$50^s.62$	30	$3^s.85$
Feb. 2	$28^s.61$	30	$27^s.87$	30	$27^s.87$	24	$47^s.68$	27	$55^s.35$	Feb. 2	$50^s.71$	Mar. 23	$3^s.86$
		Feb. 2	$28^s.08$	Feb. 2	$28^s.08$	5	$28^s.18$			3	$50^s.67$	29	$3^s.63$
		4	$28^s.07$	4	$28^s.07$	7	$28^s.02$					Apr. 17	$4^s.22$
		Mar. 3	$23^s.71$	5	$28^s.18$							21	$3^s.65$
		4	$23^s.50$	7	$28^s.02$								

[c] 2

SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,

SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1767, for 1767, Jan. 1.

Assumed Mean R. A. of α Aquilæ 1767, Jan. 1 = $19^{\text{h}}.33^{\text{m}}.24^{\text{s}}.72.$

[illegible]

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEAR 1767.

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α Ophiuchi continued.		α Ophiuchi continued.		β Aquilæ.		α^2 Capricorni continued.		α Cygni.		α Aquarii continued.		Fomalhaut continued.		α Pegasi continued.	
1767.	^h ^m 17. 24	1767.	^h ^m 17. 24	1767.	^h ^m 19. 43	1767.	^h ^m 20. 5	1767.	^h ^m 20. 33	1767.	^h ^m 21. 53	1767.	^h ^m 22. 44	1767.	^h ^m 22. 53
July 10	7.65	Oct. 10	7.90	July 12	51.80	July 13	6.52	Apr. 15	29.58	Oct. 10	48.68	Oct. 12	43.38	Dec. 18	9.70
11	7.75	11	7.59	13	52.08	Aug. 12	6.36	16	29.58	11	48.46			22	9.93
12	7.54	13	7.37	15	51.98	18	6.53			12	48.79	α Pegasi.		23	10.04
13	7.63			26	51.93	21	6.58	α Aquarii.		13	48.44			28	10.02
14	7.73	α Lyræ.		27	51.96	23	6.49			16	48.71				
16	7.65			Aug. 4	52.13	25	6.54			23	48.66				
20	7.81			5	52.06	26	6.40			24	48.65	1767.	^h ^m 22. 53	α Andromedæ.	
26	7.54			Nov. 13	51.88	27	6.52			27	48.63	Jan. 5	9.86		
27	7.71			14	51.90	28	6.44			31	48.85	Aug. 10	10.04	1767.	^h ^m 23. 56
Aug. 1	7.56	1767.	^h ^m 18. 29	15	52.05	29	6.57			Nov. 1	48.54	Sep. 2	10.09	Aug. 12	23.03
2	7.73	Jan. 25	2.92			30	6.48			3	48.44	9	10.17	17	22.95
4	7.69	Feb. 18	2.91	θ Aquilæ.		Sep. 1	6.60	1767.	^h ^m 21. 53	13	48.48	14	9.92	Sep. 9	23.01
5	7.69	27	3.04			2	6.42	July 16	48.61	14	48.39	19	10.02	14	23.00
10	7.67	Apr. 8	3.05			5	6.43	Aug. 10	48.53	15	48.58	24	9.92	Oct. 5	23.13
11	7.56					6	6.58	18	48.67	21	49.03	29	10.20	11	23.25
12	7.63	δ Aquilæ.		1767.	^h ^m 19. 59	10	6.11	21	48.52	27	48.66	Oct. 4	9.97	13	23.16
13	7.40			July 13	16.49	14	6.28	23	48.55	28	48.59	5	10.06	16	23.37
14	7.47			26	16.53	19	6.28	25	48.66	Dec. 1	48.52	11	10.12	23	23.21
20	7.58					21	6.56	26	48.59	2	48.40	12	9.94	27	23.34
21	7.86			α^1 Capricorni.		22	6.30	27	48.61	3	48.70	13	10.03	31	23.22
25	7.61	1767.	^h ^m 19. 13			23	6.44	28	48.61	8	48.32	16	10.10	Nov. 1	23.25
26	7.73	Aug. 10	44.74			24	6.47	30	48.60	11	48.52	23	10.00	3	23.01
27	7.93	11	44.89			25	6.43	Sep. 2	48.54	14	48.62	24	10.17	14	23.30
28	7.43	γ Aquilæ.		1767.	^h ^m 20. 4	Oct. 4	6.47	6	48.77	17	48.26	27	10.23	15	23.38
29	7.95			July 13	42.86	10	6.09	9	48.51	18	48.23	31	10.28	21	23.83
30	7.70					11	6.37	11	48.68	23	48.44	Nov. 1	10.15	27	23.40
Sep. 2	7.58					12	6.51	14	48.61			3	9.84	28	23.02
5	7.86					13	6.34	19	48.57	Fomalhaut.		14	9.95	Dec. 1	23.01
6	7.75					23	6.41	20	48.49			21	(10.68)	2	23.15
10	7.56	1767.	^h ^m 19. 35			24	6.36	21	48.35			27	10.13	8	23.34
20	7.63			α^2 Capricorni.		27	6.54	22	48.47			28	10.21	11	23.30
21	7.69	July 11	10.83			31	6.69	23	48.61	1767.	^h ^m 22. 44	Dec. 1	10.02	14	23.42
22	7.69	12	10.68			Nov. 1	6.53	24	48.54	Aug. 10	43.88	2	10.01	17	22.85
23	7.63	16	10.68			3	6.40	25	48.46	Oct. 4	43.43	3	10.44	18	22.98
24	7.66	Aug. 5	10.77	1767.	^h ^m 20. 5	13	6.70	Oct. 4	48.61	Oct. 4	43.61	8	10.20	22	23.20
25	7.77	10	10.64	July 11	6.55	14	6.48	5	48.60	10	43.40	11	10.13	23	23.37
Oct. 4	7.35	18	10.80	12	6.51	15	6.34			11		14	10.10	28	23.23
5	7.58	Nov. 21	11.39			21	6.77					17	9.65		

SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,

SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1768, for 1768, Jan. 1.															
Assumed Mean R. A. of α Aquilæ, 1768, Jan. 1 = 19 ^h . 39 ^m . 27 ^s . 65.															
γ Pegasi.		Aldebaran.		α Orionis continued.		Procyon continued.		Regulus continued.		Areturus.		α Serpentis.		α Lyrae.	
1768.	^{h m} 0. 1	1768.	^{h m} 4. 22	1768.	^{h m} 5. 42	1768.	^{h m} 7. 27	1768.	^{h m} 9. 55	1768.	^{h m} 14. 5	1768.	^{h m} 15. 32	1768.	^{h m} 18. 29
Jan. 2	18° 8' 4"	Jan. 2	37° 70'	Apr. 1	37° 03'	Apr. 5	8° 68'	Apr. 10	59° 10'	Apr. 3	4° 96'	June 2	51° 36'	Nov. 5	4° 74'
Aug. 3	18° 61'	Feb. 12	38° 05'	3	36° 98'	9	8° 63'	14	59° 36'	4	4° 84'	3	50° 99'		
4	18° 70'	24	37° 54'	4	36° 99'	15	8° 72'	May 7	59° 30'	7	5° 16'	4	50° 89'		
Nov. 5	18° 24'	Mar. 3	37° 87'	9	36° 88'	May 9	8° 37'	9	59° 27'	June 2	4° 90'	5	51° 27'		
9	18° 78'	15	37° 63'	15	36° 83'	10	8° 38'	3	59° 19'	3	4° 59'	30	51° 32'		
10	18° 79'	19	37° 36'	28	37° 03'	June 3	8° 58'	8	59° 42'	30	5° 19'	July 2	51° 42'		
13	18° 74'	23	37° 60'	May 9	36° 75'	4	8° 46'	Dec. 2	59° 83'	July 1	5° 27'	26	51° 23'		
15	18° 63'	24	37° 65'	10	36° 72'	Aug. 12	8° 56'			2	5° 06'	Aug. 13	51° 12'		
18	18° 62'	Apr. 1	37° 87'	June 30	36° 72'					26	4° 99'				
20	18° 48'	3	37° 74'	July 1	36° 76'					Aug. 3	5° 13'				
24	18° 74'	4	37° 88'	Aug. 9	36° 94'					4	5° 25'				
Dec. 1	18° 91'	5	37° 70'	Nov. 20	36° 60'					12	5° 50'				
3	18° 49'	May 9	37° 76'							Nov. 5	4° 80'				
9	18° 72'	June 30	37° 54'							8	5° 09'				
10	19° 06'	Aug. 9	37° 69'							12	4° 93'				
11	18° 67'	Nov. 20	37° 52'							14	5° 18'				
29	19° 04'	Dec. 29	38° 14'							17	5° 51'				
										21	5° 22'				
										22	5° 25'				
										23	4° 91'				
										Dec. 2	5° 32'				
										8	5° 15'				
										9	5° 17'				
										10	5° 31'				
α Arietis.		Rigel.		Sirius.		Pollux.		β Leonis.				Antares.		γ Aquilæ.	
1768.	^{h m} 1. 54	1768.	^{h m} 5. 3	1768.	^{h m} 6. 34	1768.	^{h m} 7. 31	1768.	^{h m} 11. 37						
Jan. 2	8° 49'	Jan. 2	23° 85'	June 4	54° 70'	Feb. 12	5° 61'	Apr. 2	12° 50'						
Feb. 12	8° 78'	Feb. 12	23° 88'			24	4° 94'	Apr. 2	12° 37'						
June 30	8° 37'	24	23° 51'			28	5° 10'	5	12° 37'						
Aug. 3	8° 53'	28	23° 78'			Mar. 3	5° 15'	8	12° 30'						
7	8° 58'	Mar. 3	23° 93'			15	4° 92'	10	12° 46'						
Nov. 6	(7° 90')	15	23° 56'			19	4° 81'	14	12° 29'						
9	8° 16'	19	23° 37'			23	4° 89'	27	12° 82'						
10	8° 69'	23	23° 71'			24	5° 55'	May 7	12° 22'						
18	8° 73'	24	23° 86'			Apr. 1	5° 28'	8	12° 37'						
20	8° 24'	Apr. 1	23° 84'			3	5° 08'	9	12° 27'						
22	9° 05'	3	23° 62'			4	5° 19'	June 3	12° 16'						
24	8° 80'	5	23° 60'			5	5° 24'	5	12° 24'						
Dec. 1	8° 51'	9	23° 76'			May 9	5° 21'	8	12° 21'						
3	8° 44'	15	23° 77'			June 4	4° 71'	Nov. 5	12° 16'						
9	8° 45'	June 30	23° 75'					8	13° 14'						
10	8° 85'	July 31	23° 45'					17	12° 73'						
		Nov. 20	23° 60'					Dec. 2	12° 78'						
α Ceti.		α Orionis.		Castor.		α Hydræ.		Spica.		α Libræ.		α Ophiuchi.		α² Capricorni.	
1768.	^{h m} 2. 50	1768.	^{h m} 5. 42	1768.	^{h m} 7. 19	α Hydræ.		1768.	^{h m} 13. 12	1768.	^{h m} 14. 38	1768.	^{h m} 17. 24	1768.	^{h m} 20. 5
Jan. 2	10° 45'	Jan. 2	36° 63'	Feb. 12	9° 04'			Apr 2	59° 94'	Apr. 3	4° 70'	Feb. 11	10° 60'	June 2	9° 89'
Feb. 12	10° 83'	Feb. 12	37° 26'	24	8° 44'			3	59° 87'	4	4° 54'	23	10° 50'	3	9° 64'
24	10° 16'	24	36° 66'	28	8° 68'			4	59° 80'	27	4° 88'	27	10° 04'	4	9° 41'
Nov. 9	10° 71'	28	36° 81'	Mar. 3	8° 97'			5	59° 97'	Apr. 10	4° 58'	Apr. 10	10° 12'	5	9° 75'
18	10° 50'	Mar. 3	37° 22'	4	8° 56'			8	59° 66'	May 7	4° 70'	May 7	10° 36'	9	9° 82'
20	10° 26'	15	36° 61'	15	8° 34'			27	59° 91'	June 3	4° 45'	June 3	10° 00'	10	10° 10'
24	10° 53'	23	36° 75'	23	8° 56'			May 7	59° 64'	5	4° 53'	5	10° 31'	16	10° 22'
Dec. 29	10° 71'	24	37° 03'	24	8° 89'			8	59° 56'	30	4° 74'	26	10° 51'	30	9° 82'
				Apr. 1	8° 87'			9	59° 64'	June 2		28	10° 53'	July 1	10° 10'
				3	8° 59'			10	59° 89'	4		29	10° 80'	26	9° 85'
				4	8° 58'			June 2	59° 87'	3		31	10° 10'	31	9° 74'
								3	59° 60'	5		Aug. 4	10° 58'	Aug. 4	10° 02'
								4	59° 69'	4		7	10° 86'	7	10° 10'
								Dec. 2	60° 10'	5		10	10° 34'	10	9° 75'
										30		12	10° 66'	16	10° 22'
										July 2		13	9° 86'	Nov. 4	9° 82'
										26		15	10° 31'	5	10° 06'
										Aug. 12		16	10° 83'	6	9° 56'
										13		19	10° 55'	10	9° 82'

α Cygni.		α Aquarii <i>continued.</i>		α Pegasi <i>continued.</i>		α Andromedæ <i>continued.</i>	
1768.	^h 20. ^m 33	1768.	^h 21. ^m 53	1768.	^h 22. ^m 53	1768.	^h 23. ^m 56
May 7	31.35	Nov. 20	51.31	Nov. 5	12.78	June 2	26.15
8	31.48	22	51.79	6	12.49	4	26.14
9	31.58	23	51.39	9	13.41	30	26.04
Nov. 4	31.40	Dec. 1	51.89	10	12.94	July 2	26.34
6	31.56	3	51.52	15	12.92	Aug. 3	26.16
9	31.38	9	51.80	18	13.22	4	26.23
10	31.56	10	51.70	20	12.72	Nov. 5	26.03
13	31.52			23	13.15	6	26.03
				24	13.41	9	26.25
				Dec. 1	13.17	10	26.23
				3	13.43	13	25.97
				9	13.21	15	26.03
				10	13.44	18	26.24
				11	13.33	20	25.88
						24	26.43
						Dec. 1	26.56
						3	26.31
						9	26.40
						10	26.73
						11	26.18
						29	26.45

α Aquarii.		Fomalhaut.		α Pegasi.		α Andromedæ.	
1768.	^h 21. ^m 53	1768.	^h 22. ^m 44	1768.	^h 22. ^m 53	1768.	^h 23. ^m 56
July 2	51.63	Nov. 5	46.70	Jan. 2	13.14	Jan. 2	26.22
Nov. 5	51.07						
6	51.36						
9	51.41						
10	51.49						
13	51.68						
15	51.53						
18	51.83						

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SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R.A. of STARS compared with α AQUILÆ in the Year 1769, for 1769, Jan. 1.Assumed Mean R.A. of α Aquilæ, 1769, Jan. 1 = $19^h.39^m.30^s.58$.

γ Pegasi.	α Ceti.	β Tauri.	Procyon.	Regulus continued.	Arcturus continued.	α Serpentis.	α Ophiuchi continued.			
1769. h^m O. 1	1769. h^m 2. 50	1769. h^m 5. 11	1769. h^m 7. 27	1769. h^m 9. 56	1769. h^m 14. 5	1769. h^m 15. 32	1769. h^m 17. 24			
Jan. 17 21 ^s .91	Jan. 17 13 ^s .53	Sep. 20 42 ^s .84	Feb. 28 11 ^s .81	May 2 2 ^s .80	Aug. 8 7 ^s .91	Jan. 30 54 ^s .48	Aug. 15 13 ^s .09			
21 21 ^s .75	19 14 ^s .02	23 42 ^s .73	Apr. 30 11 ^s .73	3 2 ^s .34	9 7 ^s .76	May 22 54 ^s .17	18 13 ^s .04			
July 25 21 ^s .94	Feb. 7 13 ^s .91	25 42 ^s .69	May 3 11 ^s .69	4 2 ^s .51	10 7 ^s .99	25 54 ^s .27	22 13 ^s .34			
Aug. 22 21 ^s .60	Aug. 22 13 ^s .46	α Orionis.	4 11 ^s .39	6 2 ^s .81	14 8 ^s .18	June 3 53 ^s .81	23 13 ^s .58			
23 22 ^s .08	23 13 ^s .65		5 11 ^s .43	Oct. 13 2 ^s .47	21 7 ^s .88	18 53 ^s .72	24 13 ^s .19			
Sep. 15 21 ^s .48	24 13 ^s .98		Aug. 14 12 ^s .13	18 2 ^s .82	22 7 ^s .89	July 15 54 ^s .37	25 13 ^s .11			
16 21 ^s .56	Sep. 18 13 ^s .45		15 11 ^s .82	26 2 ^s .90	24 7 ^s .76	17 54 ^s .43	28 13 ^s .12			
18 21 ^s .92	Nov. 11 13 ^s .81	1769. h^m 5. 42	24 11 ^s .92	Nov. 18 3 ^s .06	28 7 ^s .55	19 54 ^s .33	Sep. 2 13 ^s .29			
Oct. 9 21 ^s .91	Dec. 8 13 ^s .26		Sep. 2 12 ^s .26	β Leonis.	Sep. 3 8 ^s .00	20 54 ^s .50	10 13 ^s .61			
10 22 ^s .27	9 13 ^s .62		8 12 ^s .09		10 8 ^s .23	26 54 ^s .23	11 13 ^s .16			
11 22 ^s .16	Aldebaran.		23 12 ^s .00		18 8 ^s .01	Aug. 4 54 ^s .35	15 12 ^s .99			
12 22 ^s .32	Jan. 17 39 ^s .94	25 12 ^s .12	1769. h^m 11. 37	23 7 ^s .95	7 54 ^s .34	18 13 ^s .11				
13 22 ^s .14	31 40 ^s .28	29 12 ^s .10	Feb. 23 15 ^s .91	26 8 ^s .00	8 54 ^s .32	20 13 ^s .38				
18 21 ^s .96	Feb. 7 40 ^s .47	Oct. 19 12 ^s .07	Apr. 28 15 ^s .65	Oct. 9 7 ^s .66	9 54 ^s .36	23 13 ^s .52				
19 22 ^s .03	1769. h^m 4. 22	24 40 ^s .04	24 12 ^s .61	June 2 15 ^s .73	10 7 ^s .92	Antares.	25 13 ^s .19			
23 21 ^s .93		Mar. 1 40 ^s .55	Nov. 17 12 ^s .28	July 19 15 ^s .61	12 7 ^s .76		29 12 ^s .66			
28 21 ^s .95		Apr. 30 40 ^s .15	18 12 ^s .10	Dec. 21 15 ^s .56	19 7 ^s .84		Oct. 2 13 ^s .03			
Nov. 10 21 ^s .91		May 25 39 ^s .80	Pollux.	24 15 ^s .60	26 7 ^s .36		4 13 ^s .29			
11 21 ^s .68	Jan. 17 41 ^s .11	July 18 39 ^s .99		July 19 15 ^s .61	Dec. 7 8 ^s .00	1769. h^m 16. 15	9 13 ^s .08			
18 22 ^s .06	19 41 ^s .61	19 40 ^s .20		Dec. 21 15 ^s .56	8 8 ^s .17		12 12 ^s .90			
19 21 ^s .76	21 41 ^s .58	Aug. 7 40 ^s .92		Spica.	8 8 ^s .17		13 12 ^s .90			
27 21 ^s .70	31 41 ^s .24	8 40 ^s .50	1769. h^m 7. 31		21 7 ^s .85		14 12 ^s .71			
Dec. 1 21 ^s .91	24 40 ^s .92	8 40 ^s .39	Feb. 28 8 ^s .60		α Libræ.	Jan. 30 17 ^s .02	19 12 ^s .86			
2 22 ^s .10	Mar. 1 41 ^s .63	9 40 ^s .30	Apr. 30 8 ^s .89			May 25 16 ^s .80	23 13 ^s .37			
8 21 ^s .78	July 18 41 ^s .12	10 40 ^s .04	May 3 8 ^s .80	1769. h^m 13. 13		July 15 16 ^s .93	26 12 ^s .50			
9 21 ^s .87	29 40 ^s .95	15 40 ^s .42	Aug. 14 8 ^s .82	Jan. 30 2 ^s .97	α Coronæ Borealis.	19 16 ^s .62	δ Aquilæ.			
16 21 ^s .92	Aug. 6 41 ^s .63	20 40 ^s .47	21 9 ^s .05	Feb. 23 3 ^s .09		20 16 ^s .67				
22 22 ^s .05	8 41 ^s .13	21 40 ^s .26	24 9 ^s .11	Apr. 28 3 ^s .18		Aug. 8 16 ^s .90				
α Arietis.	9 41 ^s .33	24 40 ^s .31	Sep. 2 8 ^s .96	May 28 3 ^s .18		Sep. 8 16 ^s .65				
	14 41 ^s .26	24 40 ^s .48	20 8 ^s .82	June 2 3 ^s .15	1769. h^m 14. 38	α Ophiuchi.	1769. h^m 19. 13			
	23 41 ^s .53	Oct. 19 40 ^s .60	25 9 ^s .11	July 17 3 ^s .13						
	24 41 ^s .52	Nov. 18 40 ^s .98	29 8 ^s .96	18 2 ^s .88						
1769. h^m 1. 54	Oct. 19 41 ^s .62	Sirius.	Oct. 24 9 ^s .15	Aug. 8 3 ^s .23	α Libræ.	1769. h^m 17. 24	γ Aquilæ.			
Jan. 17 11 ^s .61	Dec. 24 41 ^s .24		Nov. 17 9 ^s .01	Arcturus.						
21 12 ^s .01	Rigel.		18 8 ^s .99							
31 11 ^s .94	1769. h^m 6. 34	α Hydræ.								
May 18 11 ^s .59	Oct. 29 58 ^s .47	1769. h^m 14. 5	1769. h^m 15. 24	1769. h^m 17. 24	1769. h^m 19. 35					
July 17 11 ^s .79	1769. h^m 5. 3	Feb. 28 7 ^s .32	Jan. 30 54 ^s .64	Feb. 28 13 ^s .18						
Aug. 21 12 ^s .36	Jan. 17 26 ^s .50	1769. h^m 9. 16	May 22 7 ^s .86	May 22 54 ^s .70		Apr. 28 13 ^s .34				
22 11 ^s .71	21 26 ^s .86	Castor.	Apr. 28 13 ^s .78	24 7 ^s .53		25 54 ^s .93	29 13 ^s .26			
23 11 ^s .61	Feb. 7 27 ^s .29		29 14 ^s .13	25 7 ^s .86	June 3 54 ^s .72	30 13 ^s .13	1769. h^m 19. 35			
24 11 ^s .49	Mar. 1 27 ^s .16		Nov. 18 14 ^s .25	June 3 7 ^s .64	July 15 55 ^s .24	May 22 13 ^s .42				
Sep. 18 12 ^s .16	July 18 26 ^s .29		Regulus.	July 17 7 ^s .93	17 54 ^s .91	June 18 12 ^s .56				
20 12 ^s .29	19 26 ^s .89	1769. h^m 7. 19		18 7 ^s .92	19 54 ^s .84	July 15 13 ^s .30	Aug. 3 16 ^s .46			
Oct. 8 12 ^s .34	Aug. 8 26 ^s .65			19 7 ^s .73	20 55 ^s .01	16 13 ^s .17				
11 11 ^s .73	9 26 ^s .74			20 7 ^s .90	26 54 ^s .88	18 13 ^s .16				
17 11 ^s .99	10 26 ^s .69	May 3 49 ^s .05	1769. h^m 9. 56	22 8 ^s .01	Aug. 4 54 ^s .71	19 12 ^s .84	Aug. 4 16 ^s .49			
18 12 ^s .11	14 26 ^s .82	4 48 ^s .91	Mar. 1 2 ^s .81	26 8 ^s .33	7 54 ^s .80	20 13 ^s .21				
19 11 ^s .87	21 26 ^s .59	Sep. 2 49 ^s .28	Apr. 28 2 ^s .61	Aug. 4 8 ^s .07	8 54 ^s .87	22 13 ^s .37				
Nov. 25 12 ^s .28	23 26 ^s .83	23 49 ^s .29	29 2 ^s .84	5 7 ^s .88	10 54 ^s .65	25 13 ^s .06				
Dec. 1 12 ^s .44	24 26 ^s .78	Oct. 24 49 ^s .32	30 2 ^s .43	7 8 ^s .09	15 54 ^s .75	26 13 ^s .26	Sep. 8 16 ^s .42			
2 12 ^s .06	26 27 ^s .18	Nov. 18 49 ^s .45	β Aquilæ.	1769. h^m 19. 43	24 54 ^s .87	Aug. 3 12 ^s .92				
7 12 ^s .29	Oct. 19 27 ^s .09	4 13 ^s .28								
8 11 ^s .79	5 13 ^s .71									
9 11 ^s .86	6 13 ^s .30									
16 12 ^s .00	Sep. 20 27 ^s .05	7 13 ^s .24			1769. h^m 19. 43					
22 11 ^s .92	Oct. 19 27 ^s .09	8 13 ^s .40								
9 13 ^s .20										
10 13 ^s .45										
14 13 ^s .28	July 16 57 ^s .79									
17 57 ^s .82										
18 57 ^s .79										

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEAR 1769.

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β Aquilæ <i>continued.</i>		α^2 Capricorni.		α^2 Capricorni <i>continued.</i>		α Aquarii <i>continued.</i>		α Aquarii <i>continued.</i>		α Pegasi <i>continued.</i>		α Andromedæ <i>continued.</i>	
1769.	^h ^m 19. 43	1769.	^h ^m 20. 5	1769.	^h ^m 20. 5	1769.	^h ^m 21. 53	1769.	^h ^m 21. 53	1769.	^h ^m 22. 53	1769.	^h ^m 23. 56
July 19	57.84	May 24	12.86	Sep. 23	13.50	Aug. 18	54.81	Dec. 2	54.88	Oct. 28	16.23	Aug. 22	29.26
20	57.99	25	13.42	25	13.49	Sep. 11	54.64	8	54.55	Nov. 8	16.09	23	29.93
22	57.60	28	13.65	28	13.46	16	54.65	9	55.04	10	16.21	Sep. 15	29.04
25	57.91	June 2	13.21	29	13.24	18	54.61	16	54.75	11	15.97	16	29.29
26	57.95	3	13.21	Oct. 2	13.19	20	54.82			19	15.86	18	29.37
29	58.37	24	13.16	4	13.36	23	54.94	α Pegasi.		Dec. 2	16.13	Oct. 9	29.07
Aug. 4	57.78	July 18	13.06	9	13.17	25	54.67			7	16.25	10	29.47
6	58.04	19	13.11	10	13.23	28	54.66			8	16.11	11	29.31
7	57.79	20	13.32	11	13.15	Oct. 2	54.71			9	16.22	12	29.80
8	57.92	22	13.08	14	12.94	4	54.93			16	15.97	18	29.43
9	57.66	Aug. 10	13.00	18	13.31	9	54.62			22	16.29	19	29.44
10	57.83	14	13.44	23	13.41	10	54.91	1769.	22. 53			23	29.35
20	57.83	15	13.18	26	13.12	11	54.78	Aug. 18	15.55	α Andromedæ.		28	29.58
Sep. 8	57.79	20	13.40	27	13.48	12	54.78	Sep. 15	15.98			Nov. 10	29.09
28	57.96	22	13.21	Nov. 5	13.15	13	54.63	16	15.91			11	29.25
29	57.99	23	13.14	8	13.09	14	54.32	18	16.23			17	29.45
Oct. 2	57.71	24	13.31	10	13.20	18	55.11	Oct. 9	16.00			18	29.79
4	58.33	25	13.06	11	13.23	19	54.63	10	16.49	1769.	23. 56	19	29.07
9	57.92	28	12.93	α Aquarii.		21	54.63	11	16.28			27	29.40
10	57.78	Sep. 2	13.46			26	54.32	12	16.37	Jan. 17	29.31	Dec. 1	29.41
11	57.82	3	13.17			Nov. 5	54.58	13	16.36	19	29.75	7	29.77
13	57.74	8	13.12			19	54.53	14	15.56	21	29.46	8	28.92
14	57.83	11	13.41			23	54.72	18	15.90	31	29.19	9	29.31
18	57.79	18	13.42	1769.	21. 53	27	54.47	21	16.20	June 2	29.51	16	29.75
19	57.82	20	13.22	Aug. 15	54.71	Dec. 1	54.97	23	16.18	25	29.17	22	29.60
								26	15.51	Aug. 21	29.31		

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SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1770, for 1770, Jan. 1.Assumed Mean R. A. of α Aquilæ, 1770, Jan. 1 = $19^h.39^m.33^s.51$.

γ Pegasi.	α Ceti continued.	α Orionis continued.	Regulus.	Arcturus continued.	α Serpentis continued.	α Ophiuchi continued.	Aquilæ continued.
1770. h^m 0. 1	1770. h^m 2. 50	1770. h^m 5. 42	1770. h^m 9. 56	1770. h^m 14. 5	1770. h^m 15. 32	1770. h^m 17. 24	1770. h^m 19. 44
July 12 24.71	Dec. 9 16.60	Aug. 11 43.63	Feb. 20 6.20	Oct. 3 10.56	July 12 57.03	Aug. 14 15.79	Sep. 3 0.84
Aug. 9 24.80	29 17.00	12 43.44	Mar. 16 6.26	24 11.27	13 57.23	16 15.90	5 0.85
10 24.91		16 43.24	18 5.72	25 10.86	Aug. 3 57.09	23 15.85	8 0.84
11 25.09		Oct. 13 43.66	27 5.91	31 10.19	5 57.24	25 15.93	11 0.83
12 24.92			Apr. 19 6.22	Nov. 20 10.71	7 57.16	28 15.74	16 0.76
Sep. 7 24.87	Aldebaran.		May 13 6.06		10 57.17	29 15.73	17 0.51
8 24.86		Castor.	June 11 5.67	α^2 Libræ.	14 56.92	31 15.98	21 0.72
Oct. 2 25.19	1770. h^m 4. 22	1770. h^m 7. 19	Oct. 13 5.99		23 57.08	Sep. 3 15.99	23 0.76
3 24.87		Oct. 11 53.42	19 5.74	1770. h^m 14. 38	31 57.40	4 15.82	27 0.42
4 24.67	Feb. 6 44.58			Mar. 16 11.35		7 15.77	29 0.55
11 24.89	Mar. 17 44.55		β Leonis.	June 12 11.15	Antares.	8 16.05	Oct. 4 0.63
27 24.99	19 44.92		1770. h^m 11. 37	13 11.04		11 16.14	19 0.71
31 24.84	28 44.49		Apr. 19 18.87		1770. h^m 16. 15	29 15.65	
Nov. 1 25.02	July 13 44.78	Procyon.	May 14 18.50	α Coronæ Borealis.	Mar. 16 20.51	Oct. 2 16.23	γ Aquilæ.
2 24.75	22 44.38	1770. h^m 7. 27	15 18.33		July 7 19.66	3 15.95	1770. h^m 19. 35
17 24.91	27 44.65	Feb. 4 15.10		1770. h^m 15. 24	12 20.35	4 15.75	July 9 19.12
20 25.00	Aug. 3 44.40	Mar. 17 15.09	Spica.	Mar. 15 57.23	13 20.60	11 15.87	10 19.30
23 25.13	14 44.40	19 15.29		16 57.23	22 20.28	13 16.07	12 19.22
28 24.98	16 44.62	28 15.05		18 57.24	25 20.33	14 15.83	Aug. 2 19.63
Dec. 9 24.84	21 44.48	May 13 14.84		May 12 57.19	Aug. 5 20.68	16 15.82	3 19.18
14 25.03	Oct. 11 44.90	June 13 14.74		June 12 56.66	14 20.32	24 15.94	
19 24.87	Dec. 9 44.70	Aug. 27 15.27		13 56.71	28 20.61	25 16.10	
22 24.80	29 45.05	29 14.92		July 7 56.73	31 20.74	Nov. 1 15.65	
29 24.68		19 14.96		12 57.07			
		21 15.35		13 57.29	α Ophiuchi.		
		Oct. 11 15.12		Aug. 3 57.10	1770. h^m 17. 24	α Lyræ.	α^2 Capricorni.
α Arietis.	Rigel.		Arcturus.	5 57.37	Mar. 16 16.15	1770. h^m 18. 29	1770. h^m 20. 5
1770. h^m 1. 54	1770. h^m 5. 3	Pollux.	1770. h^m 14. 5	7 57.36	18 15.77	Mar. 18 8.79	June 9 16.55
Feb. 6 15.03	Feb. 6 29.78	1770. h^m 7. 31	Mar. 15 10.87	8 56.84	May 12 16.04	Sep. 1 8.95	11 16.40
July 13 15.27	July 13 29.68	Feb. 4 12.64	16 10.87	10 57.26	14 16.14		12 16.46
Aug. 11 15.28	Aug. 2 29.62	Mar. 17 12.51	May 14 10.31	14 57.05	15 15.94	β Aquilæ.	13 16.25
12 15.36	9 29.45	19 12.68	15 10.34	16 56.89	June 9 15.51	1770. h^m 19. 44	July 7 16.23
14 14.83	12 29.52	28 12.59	June 11 10.43	18 57.11	11 15.78	June 11 0.30	9 16.41
Sep. 7 15.37	16 29.30	May 13 12.05	12 10.52	25 57.11	13 15.84	July 10 0.51	10 16.19
8 15.61		16 12.33	13 10.17	29 57.24	15 15.94	21 0.67	12 16.50
10 15.22	β Tauri.	Aug. 11 12.70	July 9 10.21	30 57.33	July 7 15.38	22 0.51	21 16.45
Oct. 31 15.21	1770. h^m 5. 11	27 12.60	12 10.33	31 57.64	9 16.44	25 0.84	Aug. 2 16.73
Nov. 1 15.24	Aug. 2 46.13	Sep. 17 12.44	13 10.38	Sep. 4 57.21	12 15.85	30 0.39	7 16.57
2 15.13		19 12.48	Aug. 5 10.67	7 57.11	13 16.09	Aug. 2 1.00	10 16.60
17 15.37		21 12.83	7 10.62		21 15.60	3 0.72	12 16.52
20 15.48	α Orionis.	Oct. 11 12.70	12 10.58	α Serpentis.	22 15.83	9 0.72	12 16.52
23 15.54	1770. h^m 5. 42		21 10.49	1770. h^m 15. 32	30 15.66	10 0.85	16 16.47
28 15.38	Feb. 6 43.39	α Hydræ.	23 10.43	Mar. 16 57.27	Aug. 2 16.16	12 0.95	31 16.58
Dec. 9 15.11	Mar. 19 43.56	1770. h^m 9. 16	25 10.45	16 57.34	3 15.98	18 0.72	Sep. 1 16.49
14 15.41	28 43.28		Sep. 10 10.53	May 12 56.97	5 16.29	21 0.76	2 16.45
	May 16 43.32		19 10.49	June 12 56.85	7 16.14	23 0.76	3 16.75
α Ceti.	July 13 43.30		27 10.28	13 56.71	8 15.88	28 0.68	5 16.41
1770. h^m 2. 50	21 43.20		29 10.29		10 15.84	Sep. 1 0.84	8 16.65
Sep. 8 17.18					13 16.01	2 0.80	11 16.34
Nov. 2 16.48							
28 16.69							

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEAR 1770.

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α^2 Capricorni continued.		α^2 Capricorni continued.		α Aquarii continued.		α Aquarii continued.		α Pegasi continued.		α Andromedæ continued.	
1770.	^h 20. ^m 5	1770.	^h 20. ^m 5	1770.	^h 21. ^m 53	1770.	^h 21. ^m 53	1770.	^h 22. ^m 53	1770.	^h 23. ^m 56
Sep. 16	16 ^s 59	Nov. 21	16 ^s 56	July 13	57 ^s 76	Dec. 19	57 ^s 85	Oct. 31	19 ^s 05	Aug. 9	32 ^s 24
17	16 ^s 56	23	16 ^s 52	Aug. 8	58 ^s 00	22	57 ^s 89	Nov. 1	19 ^s 01	10	32 ^s 31
21	16 ^s 29	α Cygni.		10	57 ^s 85	α Pegasi.		2	18 ^s 75	11	32 ^s 90
23	16 ^s 50			Sep. 3	57 ^s 60			17	19 ^s 01	12	32 ^s 65
29	16 ^s 33			4	57 ^s 47			20	19 ^s 16	Sep. 7	32 ^s 52
Oct. 2	16 ^s 74			5	57 ^s 54			21	19 ^s 02	Oct. 2	32 ^s 55
3	16 ^s 49	α Aquarii.		29	57 ^s 57	α Andromedæ.		Dec. 9	19 ^s 16	3	32 ^s 35
4	16 ^s 59			Oct. 2	58 ^s 00			14	19 ^s 07	4	31 ^s 83
11	16 ^s 37			3	57 ^s 76			19	18 ^s 88	11	32 ^s 30
13	16 ^s 81			14	57 ^s 57			22	19 ^s 11	27	32 ^s 66
14	16 ^s 28	1770.	^h 20. ^m 33	19	57 ^s 46	1770.	^h 22. ^m 53	29	19 ^s 00	31	32 ^s 46
16	16 ^s 44	Apr. 19	35 ^s 72	24	57 ^s 88	July 12	19 ^s 09	α Andromedæ.		Nov. 1	32 ^s 38
19	16 ^s 02	α Aquarii.		27	57 ^s 96	Aug. 9	18 ^s 86			2	32 ^s 15
20	16 ^s 48			29	57 ^s 49	Sep. 29	19 ^s 10			17	32 ^s 21
24	16 ^s 68			31	57 ^s 66	Oct. 3	19 ^s 01			20	32 ^s 56
25	16 ^s 77	α Aquarii.		Nov. 2	57 ^s 61	4	18 ^s 79	α Andromedæ.		28	32 ^s 51
27	16 ^s 83			17	57 ^s 79	11	19 ^s 04			Dec. 9	32 ^s 48
29	16 ^s 36			20	57 ^s 96	13	19 ^s 33			14	32 ^s 42
31	16 ^s 55			21	57 ^s 77	14	18 ^s 74			19	32 ^s 55
Nov. 1	16 ^s 28	1770.	^h 21. ^m 53	23	57 ^s 81	19	18 ^s 81	α Andromedæ.		22	32 ^s 42
2	16 ^s 33	June 13	57 ^s 43	28	57 ^s 68	24	19 ^s 23			29	32 ^s 47
17	16 ^s 39	July 11	(56 ^s 54)	Dec. 9	57 ^s 97	27	19 ^s 26				
		12	57 ^s 96			29	18 ^s 86				

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SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1771, for 1771, Jan. 1.Assumed Mean R. A. of α Aquilæ, 1771, Jan. 1 = $19^h 39^m 36^s \cdot 44$.

γ Pegasi.		α Arietis. <i>continued.</i>		Rigel. <i>continued.</i>		Procyon. <i>continued.</i>		Pollux <i>continued.</i>		Spica.		α Coronæ Borealis.		α Ophiuchi.	
1771.	^h ^m O. 1	1771.	^h ^m 1. 54	1771.	^h ^m 5. 3	1771.	^h ^m 7. 27	1771.	^h ^m 7. 31	1771.	^h ^m 13. 13	1771.	^h ^m 15. 24	1771.	^h ^m 17. 24
Jan. 8	28° 46'	Aug. 1	18° 36'	Jan. 17	32° 78'	Mar. 11	18° 27'	Oct. 29	16° 72'	May 3	9° 34'	Jan. 9	59° 53'	Jan. 14	18° 90'
9	27° 54'	4	18° 43'	23	32° 57'	23	18° 62'	30	16° 13'	30	9° 48'	May 30	60° 03'	16	18° 41'
17	27° 96'	27	18° 57'	27	32° 80'	24	18° 22'	31	16° 36'	June 1	9° 26'	June 29	59° 54'	May 3	18° 86'
July 28	28° 03'	29	18° 33'	Feb. 14	32° 93'	Apr. 9	18° 11'	Nov. 1	16° 11'	29	9° 23'	July 4	59° 90'	June 29	18° 73'
29	28° 35'	Oct. 4	18° 55'	26	32° 23'	19	18° 44'	Dec. 21	16° 24'	July 10	9° 23'	10	59° 75'	July 10	18° 64'
Aug. 1	27° 69'	24	18° 72'	Mar. 11	32° 26'	May 3	18° 20'			24	9° 24'	13	60° 17'	13	18° 94'
27	27° 68'	29	18° 92'	23	32° 66'	4	17° 84'			27	9° 51'	14	59° 67'	14	18° 65'
29	27° 81'	30	18° 59'	24	32° 49'	9	18° 22'			Aug. 4	8° 89'	24	60° 05'	15	19° 01'
Sep. 30	28° 16'	Nov. 7	18° 96'	Apr. 9	32° 24'	30	18° 38'			7	9° 11'	27	60° 14'	16	18° 81'
Oct. 1	28° 07'	10	18° 71'	19	32° 77'	June 29	18° 11'	Regulus.		17	9° 01'	Aug. 4	59° 63'	17	18° 75'
2	28° 15'	13	18° 39'	July 14	32° 39'	July 15	17° 79'			20	8° 98'	6	60° 00'	24	18° 89'
4	27° 80'	14	18° 48'	15	32° 36'	Sep. 10	18° 16'			21	8° 76'	17	59° 55'	27	19° 05'
5	28° 04'	19	18° 39'	16	32° 53'	16	18° 31'					20	59° 68'	29	18° 99'
10	27° 66'	26	18° 73'	Aug. 4	32° 44'	18	18° 19'	1771.	^h ^m 9. 56			21	59° 53'	Aug. 3	18° 92'
11	27° 89'	Dec. 2	18° 46'	20	32° 45'	20	18° 21'	Mar. 23	9° 51'	Arcturus.		26	59° 80'	4	18° 58'
12	28° 53'	10	18° 85'	Oct. 1	32° 49'	28	18° 25'	24	9° 20'			29	59° 76'	5	18° 46'
14	27° 62'	13	18° 57'	4	32° 25'	Oct. 1	18° 15'	Apr. 9	9° 00'			Oct. 1	60° 19'	6	19° 09'
20	27° 80'	25	18° 63'	24	31° 99'	4	18° 07'	15	9° 20'	1771.	^h ^m 14. 5	Dec. 13	59° 93'	7	18° 71'
22	28° 10'			27	32° 45'	5	18° 19'	16	9° 33'			14	59° 67'	12	18° 26'
26	27° 85'	Aldebaran.				9	18° 27'	17	9° 13'	Jan. 7	13° 92'			17	18° 44'
27	27° 94'					11	18° 23'	18	9° 51'	Apr. 26	13° 51'	α Serpentis.		21	18° 44'
28	27° 94'			α Orionis.		14	18° 16'	19	9° 29'	May 9	13° 18'			22	18° 74'
29	27° 94'					28	18° 32'	26	8° 82'	30	13° 40'			27	18° 84'
30	27° 83'					29	18° 81'	Oct. 1	9° 30'	June 1	13° 22'	1771.	^h ^m 15. 32	29	18° 60'
31	27° 95'	1771.	^h ^m 4. 22			30	18° 01'	9	9° 47'	29	13° 37'	May 30	60° 27'	Sep. 5	18° 94'
Nov. 1	28° 18'	Jan. 7	48° 61'	1771.	^h ^m 5. 42	31	18° 63'	14	8° 96'	July 4	13° 41'	June 29	60° 12'	9	18° 59'
5	27° 88'	8	48° 49'	Jan. 8	46° 87'	Nov. 1	18° 23'	20	9° 09'	10	13° 22'	July 4	60° 11'	15	18° 91'
7	28° 15'	9	47° 86'	15	47° 11'	Dec. 21	18° 31'	24	9° 35'	14	12° 97'	10	60° 13'	16	18° 69'
8	28° 18'	15	48° 39'	17	47° 01'			28	9° 09'	16	13° 45'	14	60° 09'	18	18° 68'
13	28° 08'	17	48° 14'	23	46° 90'	Pollux.		29	9° 44'	17	13° 11'	16	60° 36'	Oct. 1	18° 76'
14	27° 95'	23	48° 31'	Feb. 14	47° 25'			31	9° 23'	24	13° 34'	17	60° 02'	16	18° 72'
19	28° 04'	27	48° 45'	26	46° 59'			Nov. 5	8° 06'	27	13° 58'	24	60° 27'	Nov. 7	18° 75'
20	28° 11'	Feb. 14	48° 62'	Mar. 11	47° 03'			7	9° 35'	29	13° 30'	27	60° 31'	8	18° 80'
21	28° 18'	26	47° 86'	24	46° 73'			8	9° 22'	Aug. 2	13° 56'	Aug. 4	59° 87'	α^2 Capricorni.	
26	28° 22'	Mar. 11	48° 22'	Apr. 9	46° 74'			10	8° 92'	4	13° 21'	6	60° 34'		
30	28° 07'	23	48° 32'	17	46° 70'	1771.	^h ^m 7. 31	13	9° 11'	6	13° 44'	7	59° 72'		
Dec. 2	28° 04'	Apr. 9	47° 91'	19	46° 83'	Jan. 27	16° 51'	19	9° 16'	7	13° 18'	29	60° 09'		
10	28° 13'	19	48° 38'	July 15	46° 67'	Feb. 26	16° 23'	β Leonis.		17	13° 17'				
13	28° 10'	June 28	48° 07'	Aug. 4	46° 69'	Mar. 11	16° 43'			20	13° 36'	Antares.			
21	27° 91'	July 14	47° 94'	14	46° 68'	23	16° 57'			21	13° 15'				
25	28° 12'	15	48° 12'	Sep. 9	46° 67'	24	16° 28'			26	13° 53'				
		Aug. 4	48° 17'	16	46° 66'	Apr. 9	16° 25'			29	13° 01'				
		14	47° 99'	30	46° 79'	19	16° 43'			Sep. 15	13° 43'				
α Arietis.		Oct. 24	48° 31'	Oct. 4	46° 43'	May 3	16° 30'			19	13° 50'	1771.	^h ^m 16. 15		
		Dec. 10	48° 33'	27	46° 69'	Sep. 10	16° 27'			Oct. 1	13° 51'	May 30	24° 17'		
		13	48° 24'	Dec. 21	46° 84'	16	16° 17'			2	13° 16'	June 29	24° 01'		
				25	46° 98'	18	16° 24'			5	13° 21'	July 13	24° 13'		
		Rigel.				20	16° 28'			18	13° 32'	14	23° 67'		
1771.	^h ^m 1. 54					28	16° 25'			24	13° 70'	15	23° 91'		
Jan. 9	18° 31'			Procyon.		1	16° 27'			29	12° 92'	16	24° 15'		
27	18° 71'					4	16° 13'			Nov. 13	13° 10'	17	23° 70'		
Feb. 14	18° 72'	1771.	^h ^m 5. 3			5	16° 11'			30	13° 37'	24	24° 92'		
26	18° 34'	Jan. 7	32° 84'			11	16° 25'			Dec. 10	13° 51'	27	24° 43'		
Mar. 11	18° 54'	8	32° 64'	1771.	^h ^m 7. 27	14	16° 16'			13	13° 43'	28	24° 24'		
July 15	18° 35'	9	32° 26'	Jan. 27	18° 33'	18	16° 24'			14	13° 28'	Aug. 4	23° 94'		
16	17° 94'	15	32° 72'	Feb. 26	18° 56'	28	16° 16'			21	13° 19'				
29	18° 54'														

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEAR 1771.

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α^2 Capricorni continued.		α^2 Capricorni continued.		α Aquarii continued.		α Aquarii continued.		α Pegasi continued.		α Pegasi continued.		α Andromedæ continued.		α Andromedæ continued.	
1771.	^h 20. ^m 5	1771.	^h 20. ^m 5	1771.	^h 21. ^m 54	1771.	^h 21. ^m 54	1771.	^h 22. ^m 53	1771.	^h 22. ^m 53	1771.	^h 23. ^m 56	1771.	^h 23. ^m 56
Sep. 9	19.83	Oct. 28	19.93	Sep. 17	1.03	Nov. 7	1.10	Sep. 17	22.07	Nov. 7	22.17	Jan. 17	35.18	Oct. 28	35.50
15	20.13	30	19.63	25	1.07	8	1.08	28	21.92	8	22.05	July 28	35.10	29	35.78
17	20.26	31	19.95	28	0.87	10	0.96	30	21.85	10	21.96	Aug. 1	34.96	30	35.42
18	19.96	Nov. 1	19.83	30	1.10	13	0.74	Oct. 1	22.24	13	21.96	27	35.38	31	35.42
20	19.87	7	19.94	Oct. 1	0.89	19	0.85	4	21.96	14	22.13	29	35.35	Nov. 1	35.60
21	20.17	8	20.04	2	1.08	21	1.13	5	22.19	19	22.08	Sep. 28	35.39	5	35.31
25	20.15	10	19.54	4	0.59	26	0.99	10	21.84	21	22.27	30	35.68	7	35.55
28	19.92	13	19.83	5	0.87	Dec. 2	0.92	11	22.05	30	22.01	Oct. 1	35.58	8	35.67
Oct. 1	19.86	14	19.95	10	0.97	10	1.06	12	22.45	Dec. 2	22.22	2	35.53	13	35.55
2	19.98			11	0.79	13	0.82	14	22.06	10	22.17	4	35.37	14	35.54
4	20.04			12	1.26	14	0.79	16	22.07	13	22.06	5	35.48	19	35.50
5	19.83			16	1.01			20	21.82	25	22.12	10	35.36	20	35.57
10	19.78	α Aquarii.		20	0.78			22	22.00			11	35.34	21	35.44
11	19.73			22	0.88	α Pegasi.		24	21.94	α Andromedæ.		12	35.72	26	35.49
12	20.09			24	1.01			26	22.41			14	35.41	30	35.47
14	20.04			26	0.74			27	21.93			18	35.29	Dec. 2	35.60
16	19.94	1771.	^h 21. ^m 54	27	0.75			28	22.07			20	35.39	10	35.56
20	20.05	July 27	1.20	30	1.02	1771.	22.53	30	22.11	1771.	23.56	22	35.40	13	35.45
22	20.18	Sep. 9	0.80	31	0.99	July 28	21.95	31	21.99	Jan. 8	35.88	24	35.49	21	35.13
26	19.87	15	0.97	Nov. 1	0.82	29	21.91	Nov. 1	22.04	9	35.21	26	35.59	25	35.47
27	19.89	16	0.72	5	0.85	Sep. 16	22.09	5	22.01			27	35.45	30	35.22

SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,

SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1772, for 1772, Jan. 1.

Assumed Mean R. A. of α Aquilæ, 1772, Jan. 1 = $19^{\text{h}}.39^{\text{m}}.39^{\text{s}}.37$.

[illegible]

SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1779, for 1779, Jan. 1.(The Results are all to be diminished by 1^s on account of an erroneous assumption of the R. A. of α Aquilæ.)Assumed Mean R. A. of α Aquilæ, 1779, Jan. 1 = 19^h. 40^m. 0^s. 88.

γ Pegasi.	Rigel.	Pollux.	Spica continued.	α Coronæ Borealis continued.	α Lyræ continued.	β Aquilæ continued.	α Aquarii continued.
1779. Jan. 2 8 29 Oct. 22 26 27 Nov. 1 26 Dec. 4 5	1779. Jan. 2 8 29 Feb. 17 Mar. 4 Oct. 27	1779. Nov. 26 α Hydræ. 1779. Nov. 3	1779. Dec. 3 4 30	1779. Jan. 11 28 Oct. 22 Dec. 30	1779. Feb. 5 Oct. 27 Dec. 3 30	1779. Nov. 14 22 23 24 Dec. 3 5	1779. Dec. 3 4 31

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SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1780, for 1780, Jan. 1.(The results are all to be diminished by 1^s on account of an erroneous assumption of the R. A. of α Aquilæ.)Assumed Mean R. A. of α Aquilæ, 1780, Jan. 1 = 19^h. 40^m. 3^s. 81.

γ Pegasi.	Rigel.	Sirius.	Pollux continued.	β Virginis continued.	α Coronæ Borealis.	α Serpentis continued.	α Herculis continued.
1780. ^h ^m 0. 1	1780. ^h ^m 5. 3	1780. ^h ^m 6. 35	1780. ^h ^m 7. 31	1780. ^h ^m 11. 39	1780. ^h ^m 15. 25	1780. ^h ^m 15. 33	1780. ^h ^m 17. 4
Jan. 4 56 ^s .48 8 56 ^s .68 9 56 ^s .55 12 56 ^s .79 Apr. 24 56 ^s .78 July 23 56 ^s .67 Sep. 15 56 ^s .75 Oct. 7 56 ^s .72 10 56 ^s .70 12 56 ^s .56 16 56 ^s .61 20 56 ^s .85 21 56 ^s .74 25 56 ^s .82 Nov. 3 56 ^s .85	Jan. 4 59 ^s .35 8 59 ^s .45 9 59 ^s .39 Feb. 21 59 ^s .51 26 59 ^s .30 Mar. 2 59 ^s .22 16 59 ^s .39 July 16 59 ^s .42 23 59 ^s .29 27 59 ^s .32 Aug. 23 59 ^s .77 Sep. 18 59 ^s .27 21 59 ^s .16 Oct. 16 59 ^s .57	Feb. 21 28 ^s .34 26 28 ^s .10 Mar. 3 28 ^s .01 16 28 ^s .41 July 27 28 ^s .03 Aug. 1 28 ^s .15 23 28 ^s .16 24 27 ^s .87 Sep. 21 28 ^s .15	Aug. 6 50 ^s .67 9 50 ^s .57 19 50 ^s .85 23 50 ^s .90 24 50 ^s .59 26 50 ^s .75 31 50 ^s .79 Sep. 4 50 ^s .79 5 50 ^s .87 21 50 ^s .71 22 50 ^s .86 Nov. 15 50 ^s .28	Feb. 21 15 ^s .10 24 15 ^s .27 Spica Virginis. 1780. ^h ^m 13. 13 July 26 38 ^s .71 27 38 ^s .71 Aug. 1 38 ^s .64 6 38 ^s .50 8 38 ^s .73 11 38 ^s .35 13 38 ^s .32	Jan. 3 23 ^s .53 7 23 ^s .73 8 23 ^s .39 July 14 23 ^s .65 15 23 ^s .65 16 23 ^s .85 26 23 ^s .73 27 23 ^s .70 28 23 ^s .55 31 23 ^s .73 Aug. 1 23 ^s .88 7 23 ^s .88 8 23 ^s .76 11 23 ^s .72 12 23 ^s .79 13 23 ^s .48 19 23 ^s .83 24 23 ^s .74 25 23 ^s .54 26 23 ^s .95 27 23 ^s .59 29 23 ^s .75 30 23 ^s .74 31 23 ^s .77 Sep. 1 23 ^s .80 2 23 ^s .77 4 23 ^s .86 6 23 ^s .78 8 23 ^s .84 12 23 ^s .86 15 23 ^s .78 17 23 ^s .84 18 23 ^s .81 21 23 ^s .87 23 23 ^s .94 Oct. 25 23 ^s .66	Aug. 12 27 ^s .81 13 27 ^s .50 19 27 ^s .79 24 27 ^s .61 25 27 ^s .82 26 27 ^s .76 27 27 ^s .63 29 27 ^s .60 31 27 ^s .69 Sep. 2 27 ^s .67 4 27 ^s .82 5 27 ^s .76 6 27 ^s .70 8 27 ^s .75 12 27 ^s .71 15 27 ^s .74 17 27 ^s .79 18 27 ^s .66 22 27 ^s .63 Oct. 2 27 ^s .90	Aug. 9 38 ^s .54 12 38 ^s .63 13 38 ^s .32 19 38 ^s .46 24 38 ^s .46 25 38 ^s .59 26 38 ^s .66 27 38 ^s .38 30 38 ^s .39 31 38 ^s .53 Sep. 1 38 ^s .43 4 38 ^s .62 5 38 ^s .57 11 38 ^s .58 12 38 ^s .50 15 38 ^s .40 α Ophiuchi. 1780. ^h ^m 17. 24 Jan. 3 44 ^s .69 8 44 ^s .65 Feb. 29 44 ^s .69 July 14 44 ^s .74 15 44 ^s .72 16 44 ^s .93 27 44 ^s .84 28 44 ^s .68 31 44 ^s .89 Aug. 1 44 ^s .82 7 44 ^s .90 8 44 ^s .92 9 44 ^s .96 11 44 ^s .71 12 44 ^s .97 13 44 ^s .61 19 44 ^s .93 23 44 ^s .93 24 44 ^s .69 26 44 ^s .90 30 44 ^s .71 31 44 ^s .84 Sep. 1 44 ^s .88 2 44 ^s .97 4 44 ^s .81 5 44 ^s .94 6 44 ^s .87 12 44 ^s .95 14 44 ^s .88 15 44 ^s .88 18 44 ^s .80 21 44 ^s .86 22 44 ^s .92 24 44 ^s .80
α Arietis.	β Tauri.	1780. ^h ^m 7. 27 Feb. 19 47 ^s .43 20 47 ^s .71 21 47 ^s .58 29 47 ^s .47 Mar. 2 47 ^s .25 22 47 ^s .50 Apr. 24 47 ^s .63 July 16 47 ^s .73 23 47 ^s .52 27 47 ^s .52 31 47 ^s .65 Aug. 6 47 ^s .52 9 47 ^s .51 19 47 ^s .60 23 47 ^s .66 24 47 ^s .43 26 47 ^s .61 31 47 ^s .50 Sep. 4 47 ^s .55 5 47 ^s .49 21 47 ^s .47 22 47 ^s .70 Dec. 15 47 ^s .26	α Hydræ. 1780. ^h ^m 9. 16 Feb. 19 47 ^s .56 Oct. 2 47 ^s .69 13 47 ^s .55 Regulus. 1780. ^h ^m 9. 56 Feb. 19 39 ^s .19 20 39 ^s .07 Apr. 24 39 ^s .17 July 27 39 ^s .15 28 39 ^s .10 Sep. 5 39 ^s .14 11 39 ^s .29 β Leonis. 1780. ^h ^m 11. 37 Feb. 19 50 ^s .29 20 50 ^s .34 21 50 ^s .35 Apr. 24 50 ^s .38 July 26 50 ^s .10 β Virginis. 1780. ^h ^m 11. 39 Feb. 19 15 ^s .11 20 15 ^s .19	Arceturus. 1780. ^h ^m 14. 5 July 14 38 ^s .95 26 38 ^s .84 27 38 ^s .99 31 39 ^s .00 Aug. 6 38 ^s .95 8 38 ^s .98 11 38 ^s .98 12 38 ^s .91 23 39 ^s .14 24 38 ^s .79 25 39 ^s .17 26 39 ^s .16 30 38 ^s .82 Se. 1 38 ^s .92 2 38 ^s .97 4 38 ^s .98 5 39 ^s .05 6 38 ^s .95 12 39 ^s .06 15 38 ^s .96 22 39 ^s .04 Oct. 2 38 ^s .97 12 38 ^s .89 Nov. 14 38 ^s .93 15 38 ^s .76 α Libræ. 1780. ^h ^m 14. 38 Jan. 3 45 ^s .56 Mar. 22 45 ^s .41	α Serpentis. 1780. ^h ^m 15. 33 Jan. 3 27 ^s .81 7 27 ^s .73 8 27 ^s .61 July 14 27 ^s .68 15 27 ^s .77 16 27 ^s .81 26 27 ^s .70 27 27 ^s .73 28 27 ^s .62 31 27 ^s .76 Aug. 1 27 ^s .74 7 27 ^s .88 8 27 ^s .64 11 27 ^s .73	Antares. 1780. ^h ^m 16. 15 July 14 57 ^s .81 16 58 ^s .04 27 58 ^s .00 28 57 ^s .95 Aug. 7 58 ^s .09 12 58 ^s .18 13 57 ^s .75 26 57 ^s .97 27 57 ^s .82 Sep. 4 57 ^s .74 5 57 ^s .87 11 57 ^s .79 22 57 ^s .88	α Herculis. 1780. ^h ^m 17. 4 July 14 38 ^s .34 15 38 ^s .53 16 38 ^s .45 26 38 ^s .42 27 38 ^s .41 28 38 ^s .40 Aug. 1 38 ^s .57 7 38 ^s .52 8 38 ^s .46
Aldebaran.	1780. ^h ^m 5. 43 Jan. 12 17 ^s .03 Feb. 20 17 ^s .48 21 17 ^s .09 26 16 ^s .93 Mar. 16 16 ^s .98 July 16 17 ^s .07 Aug. 1 17 ^s .08 23 17 ^s .07 24 16 ^s .86 Sep. 18 17 ^s .01 21 16 ^s .90	Pollux. 1780. ^h ^m 7. 34 Feb. 19 50 ^s .57 20 50 ^s .58 21 50 ^s .59 29 50 ^s .50 Mar. 2 50 ^s .46 15 50 ^s .64 22 50 ^s .58 Apr. 24 50 ^s .53 July 16 50 ^s .25	α Orionis.				

α Ophiuchi <i>continued.</i>		α Lyrae <i>continued.</i>		γ Aquilae <i>continued.</i>		γ Aquilae <i>continued.</i>		β Aquilae <i>continued.</i>		α^2 Capricorni.		α Aquarii.		α Pegasi <i>continued.</i>	
1780.	^h 17. 24 ^m	1780.	^h 18. 29 ^m	1780.	^h 19. 35 ^m	1780.	^h 19. 35 ^m	1780.	^h 19. 44 ^m	1780.	20. 5	1780.	^h 21. 54 ^m	1780.	^h 22. 53 ^m
Oct. 3	44° 89'	Sep. 15	30° 39'	Aug. 11	48° 86'	Oct. 20	49° 01'	Aug. 27	31° 19'	July 16	51° 13'	Jan. 8	29° 79'	Sep. 12	50° 12'
7	44° 89'	17	30° 68'	12	49° 13'	21	48° 89'	29	31° 35'	Aug. 6	51° 08'	Sep. 12	29° 57'	18	49° 91'
12	44° 81'	21	30° 68'	13	48° 74'	25	49° 11'	30	31° 36'	7	51° 13'	14	29° 53'	21	49° 92'
25	44° 90'	24	30° 62'	19	48° 96'	Nov. 3	49° 01'	31	31° 39'	9	51° 11'	15	29° 72'	22	49° 99'
		Oct. 2	30° 45'	23	49° 09'	15	48° 76'	Sep. 1	31° 44'	11	51° 09'	17	29° 79'	24	49° 76'
		7	30° 66'	24	48° 92'	16	48° 94'	2	31° 35'	12	51° 32'	18	29° 44'	Oct. 2	49° 84'
		12	30° 53'	25	49° 16'	19	48° 96'	5	31° 36'	19	50° 92'	21	29° 53'	3	49° 87'
α Lyrae.		Nov. 3	30° 35'	26	49° 13'			6	31° 45'	23	51° 09'	22	29° 66'	7	50° 00'
		15	30° 39'	27	48° 87'	β Aquilae.		8	31° 41'	24	50° 97'	23	29° 65'	10	49° 88'
		16	30° 41'	29	48° 90'			11	31° 41'	25	51° 11'	24	29° 54'	12	50° 13'
1780.	^h 18. 29 ^m	γ Aquilae.		30	48° 84'			12	31° 38'	30	51° 09'	Oct. 2	29° 66'	13	50° 03'
Jan. 3	29° 95'			31	48° 91'			14	31° 14'	Sep. 4	50° 85'	3	29° 69'	16	49° 91'
7	30° 28'			Sep. 1	48° 87'			15	31° 41'	5	51° 00'	12	29° 82'	20	50° 04'
9	30° 26'	γ Aquilae.		4	48° 81'			17	31° 41'	6	51° 04'	21	29° 60'	21	50° 04'
Feb. 29	30° 45'			5	49° 06'			18	31° 35'	11	51° 01'	25	29° 89'	α Andromedæ.	
July 23	30° 28'			6	48° 93'			21	31° 35'	12	51° 07'				
26	30° 48'			8	49° 01'			22	31° 32'	14	51° 07'				
28	30° 52'			11	49° 04'			23	31° 50'	15	50° 91'				
31	30° 68'			12	48° 99'			24	31° 23'	18	50° 83'				
Aug. 1	30° 33'			15	48° 84'			Oct. 2	31° 42'	21	50° 95'				
6	30° 57'			17	49° 06'			3	31° 40'	22	51° 00'				
9	30° 55'			18	48° 93'			7	31° 36'	23	51° 12'				
12	30° 62'			21	48° 88'			10	31° 26'	24	51° 00'				
13	30° 20'			22	49° 13'			12	31° 41'	Oct. 2	50° 94'				
19	30° 68'			23	48° 88'			13	31° 52'	3	51° 02'				
24	30° 46'			24	49° 01'			1	31° 41'	7	50° 98'				
27	30° 52'			Oct. 2	48° 92'			9	31° 32'	12	51° 25'				
30	30° 59'			3	49° 06'			11	31° 45'	13	51° 38'				
31	30° 86'			7	48° 98'			12	31° 44'	16	51° 27'				
Sep. 1	30° 57'			10	48° 99'			19	31° 34'	Nov. 15	51° 10'				
4	30° 59'			12	48° 89'			23	31° 44'	16	50° 93'				
6	30° 58'			13	48° 99'			24	31° 21'	19	51° 08'				
11	30° 69'			16	48° 87'			25	31° 46'						
				26	31° 51'			26	31° 51'						

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SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1781, for 1781, Jan. 1.(The Results are all to be diminished by 1^s, on account of an erroneous assumption of the R. A. of α Aquilæ.)Assumed Mean R. A. of α Aquilæ, 1781, Jan. 1 = 19^h.40^m.6^s.74.

γ Pegasi.	Aldebaran <i>continued.</i>	Sirius.	α Hydræ <i>continued.</i>	Areturus <i>continued.</i>	α Serpentis <i>continued.</i>	α Lyrae <i>continued.</i>	γ Aquilæ <i>continued.</i>
1781. ^h ^m O. 1	1781. ^h ^m 4. 23	1781. ^h ^m 6. 35	1781. ^h ^m 9. 16	1781. ^h ^m 14. 5	1781. ^h ^m 15. 33	1781. ^h ^m 18. 29	1781. ^h ^m 19. 35
Jan. 2 59 ^s .51	Apr. 16 23 ^s .55	Jan. 8 30 ^s .98	Mar. 19 50 ^s .53	Sep. 7 41 ^s .64	Oct. 8 30 ^s .71	Sep. 10 32 ^s .59	Nov. 4 51 ^s .63
15 59 ^s .66	Sep. 6 23 ^s .59	Mar. 19 31 ^s .13	Nov. 2 50 ^s .26	9 41 ^s .68	9 30 ^s .92	17 32 ^s .63	6 51 ^s .73
Oct. 19 59 ^s .97	Nov. 3 23 ^s .64	20 30 ^s .96	8 50 ^s .45	20 41 ^s .82	22 30 ^s .67	24 32 ^s .85	8 51 ^s .77
21 59 ^s .88	Dec. 25 23 ^s .48	Apr. 16 30 ^s .90		23 41 ^s .79	Dec. 24 30 ^s .64	25 32 ^s .57	9 51 ^s .64
22 59 ^s .82		Oct. 9 31 ^s .23		Oct. 8 41 ^s .75		Oct. 22 32 ^s .73	15 51 ^s .71
23 59 ^s .60				9 42 ^s .00		23 32 ^s .69	16 51 ^s .69
26 59 ^s .81	Capella.		Regulus.	16 42 ^s .02		26 32 ^s .55	18 51 ^s .76
Nov. 1 59 ^s .63		Castor.		17 42 ^s .19	Antares.	Nov. 1 32 ^s .64	20 51 ^s .73
3 59 ^s .71	1781. ^h ^m 5. 0	1781. ^h ^m 7. 20	1781. ^h ^m 9. 56	19 42 ^s .13	1781. ^h ^m 16. 16	3 32 ^s .71	22 51 ^s .78
4 59 ^s .82	Nov. 3 33 ^s .37	Sep. 24 36 ^s .93	Mar. 18 42 ^s .40	21 41 ^s .95	Feb. 15 1 ^s .69	4 32 ^s .53	Dec. 1 51 ^s .68
6 59 ^s .84	Dec. 1 33 ^s .45	25 36 ^s .92	19 42 ^s .18	22 41 ^s .88		8 32 ^s .53	11 51 ^s .72
8 59 ^s .80			Oct. 22 42 ^s .24	23 41 ^s .98		9 32 ^s .59	20 51 ^s .72
15 59 ^s .75			Nov. 2 42 ^s .30	31 41 ^s .43		20 32 ^s .45	
16 59 ^s .77	Rigel.	Procyon.	8 42 ^s .32	Nov. 2 41 ^s .37	α Ophiuchi.	22 32 ^s .41	β Aquilæ.
18 59 ^s .78			β Leonis.	3 41 ^s .45	1781. ^h ^m 17. 24	Dec. 1 32 ^s .77	1781. ^h ^m 19. 44
22 59 ^s .80	1781. ^h ^m 5. 4	1781. ^h ^m 7. 27	1781. ^h ^m 11. 37	7 41 ^s .76	Aug. 6 47 ^s .46	10 32 ^s .48	Apr. 15 34 ^s .04
Dec. 10 59 ^s .99	Jan. 9 2 ^s .25	Feb. 16 50 ^s .56	Apr. 16 53 ^s .64	14 41 ^s .66	10 47 ^s .75	15 47 ^s .65	July 5 34 ^s .32
20 59 ^s .59	Feb. 16 2 ^s .20	Mar. 19 50 ^s .91	Nov. 2 53 ^s .48	Dec. 10 41 ^s .60	15 47 ^s .65	16 47 ^s .52	18 34 ^s .34
25 59 ^s .73	Sep. 17 2 ^s .68	20 50 ^s .77	14 53 ^s .40		23 47 ^s .50	25 47 ^s .52	Aug. 10 33 ^s .83
	Nov. 3 2 ^s .17	Apr. 16 50 ^s .65	17 53 ^s .59	α^2 Libræ.	29 47 ^s .42	29 47 ^s .42	11 34 ^s .39
	Dec. 25 2 ^s .41	Sep. 20 50 ^s .81	20 53 ^s .45	1781. ^h ^m 14. 38	30 47 ^s .62	31 47 ^s .59	15 34 ^s .34
α Arietis.		Oct. 8 50 ^s .78		July 5 48 ^s .81	Sep. 6 47 ^s .62	7 47 ^s .52	16 34 ^s .22
1781. ^h ^m 1. 54	β Tauri.	9 50 ^s .99	β Virginis.		7 47 ^s .52	9 47 ^s .52	17 34 ^s .14
Jan. 2 53 ^s .04	1781. ^h ^m 5. 12		1781. ^h ^m 11. 39	α Coronæ Borealis.	9 47 ^s .52	16 51 ^s .37	22 34 ^s .31
9 53 ^s .07	Jan. 8 28 ^s .60	Pollux.	Apr. 16 18 ^s .62	1781. ^h ^m 15. 25	23 47 ^s .71	17 51 ^s .66	23 34 ^s .21
Feb. 16 52 ^s .97	9 28 ^s .50	1781. ^h ^m 7. 31	Nov. 21 18 ^s .45	July 5 26 ^s .29	23 47 ^s .62	22 51 ^s .72	29 34 ^s .13
Aug. 6 52 ^s .56	Feb. 16 28 ^s .62	Feb. 16 53 ^s .94		Aug. 6 26 ^s .19	23 47 ^s .62	22 51 ^s .69	30 34 ^s .39
Nov. 1 53 ^s .14	Apr. 17 28 ^s .93	Mar. 19 54 ^s .42	Spica.	16 26 ^s .27	16 47 ^s .62	25 51 ^s .88	31 34 ^s .35
20 53 ^s .10	Sep. 6 28 ^s .74	20 54 ^s .31	1781. ^h ^m 13. 13	27 26 ^s .22	17 47 ^s .44	27 51 ^s .72	34 ^s .38
22 52 ^s .98	Nov. 3 28 ^s .83	Apr. 16 54 ^s .17	July 5 41 ^s .91	Sep. 9 26 ^s .28	21 47 ^s .58	30 51 ^s .91	6 34 ^s .27
Dec. 10 53 ^s .22	Dec. 1 28 ^s .90	Sep. 17 54 ^s .59	Nov. 14 41 ^s .87	20 26 ^s .35	22 47 ^s .50	7 51 ^s .77	9 34 ^s .21
20 52 ^s .89	25 28 ^s .84	20 54 ^s .53	21 41 ^s .72	Oct. 8 26 ^s .37	23 47 ^s .63	10 51 ^s .82	16 34 ^s .38
25 53 ^s .18		21 54 ^s .47	21 41 ^s .83	9 26 ^s .41	26 47 ^s .51	16 51 ^s .75	17 34 ^s .30
α Ceti.	α Orionis.	Oct. 8 54 ^s .40	Dec. 10 41 ^s .81	Dec. 10 26 ^s .20	Nov. 1 47 ^s .47	17 51 ^s .80	18 34 ^s .48
1781. ^h ^m 2. 50	1781. ^h ^m 5. 43	9 54 ^s .74		24 26 ^s .35	8 47 ^s .57	18 51 ^s .86	19 34 ^s .31
Feb. 16 52 ^s .05	Feb. 16 20 ^s .04	α Hydræ.	Areturus.	α Serpentis.	15 47 ^s .46	19 51 ^s .82	20 34 ^s .35
Sep. 7 51 ^s .93	Mar. 19 20 ^s .43	1781. ^h ^m 9. 16	1781. ^h ^m 14. 5	1781. ^h ^m 15. 33	Dec. 24 47 ^s .59	20 51 ^s .90	21 34 ^s .36
Nov. 1 51 ^s .97	Apr. 16 20 ^s .30	Mar. 18 50 ^s .63	July 5 41 ^s .71	July 5 30 ^s .74		21 51 ^s .89	23 34 ^s .36
Dec. 10 51 ^s .94	17 20 ^s .58		Aug. 27 41 ^s .55	Aug. 16 30 ^s .61	α Lyrae.	22 47 ^s .47	24 34 ^s .44
20 52 ^s .01	Aug. 29 20 ^s .20		31 41 ^s .83		1781. ^h ^m 18. 29	23 51 ^s .66	25 34 ^s .42
25 52 ^s .01	Sep. 6 20 ^s .39				Jan. 14 32 ^s .10	24 51 ^s .76	9 34 ^s .41
Aldebaran.	Oct. 8 20 ^s .26				Feb. 11 32 ^s .45	25 51 ^s .57	16 34 ^s .27
1781. ^h ^m 4. 23	Nov. 3 20 ^s .01				July 18 32 ^s .51	9 51 ^s .96	17 34 ^s .29
Jan. 8 23 ^s .55					Aug. 11 32 ^s .83	16 51 ^s .77	19 34 ^s .26
						17 51 ^s .66	21 34 ^s .21
						22 51 ^s .72	22 34 ^s .42
						23 51 ^s .65	23 34 ^s .32
						26 51 ^s .76	26 34 ^s .35
						Nov. 1 51 ^s .77	Nov. 1 34 ^s .27
						3 51 ^s .79	3 34 ^s .30

$$[E]_2$$

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SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R.A. of STARS compared with α AQUILÆ in the Year 1782, for 1782, Jan. 1.Assumed Mean R.A. of α Aquilæ, 1782, Jan. 1 = $19^h.40^m.8^s.67$.

γ Pegasi.	α Ceti. <i>continued.</i>	Rigel. <i>continued.</i>	α Orionis. <i>continued.</i>	Procyon. <i>continued.</i>	α Hydræ.	β Virginis.	Arcturus <i>continued.</i>
1782. h^m O. 2	1782. h^m 2. 50	1782. h^m 5. 4	1782. h^m 5. 43	1782. h^m 7. 27	1782. h^m 9. 16	1782. h^m 11. 39	1782. h^m 14. 5
Jan. 5 1 ^h 81 ^m 18 1 ^h 66 ^m Aug. 25 1 ^h 75 ^m Oct. 12 1 ^h 89 ^m 13 1 ^h 85 ^m 14 1 ^h 83 ^m 19 1 ^h 99 ^m 23 1 ^h 77 ^m 24 1 ^h 90 ^m Nov. 4 1 ^h 93 ^m 7 1 ^h 78 ^m 9 1 ^h 87 ^m 13 1 ^h 69 ^m 14 1 ^h 82 ^m 20 1 ^h 65 ^m 21 1 ^h 91 ^m 26 1 ^h 90 ^m Dec. 14 1 ^h 83 ^m 19 1 ^h 84 ^m 21 1 ^h 84 ^m 24 1 ^h 83 ^m 28 1 ^h 85 ^m 30 1 ^h 78 ^m	Mar. 1 54 ^h 23 ^m 13 53 ^h 98 ^m 14 54 ^h 24 ^m Sep. 22 54 ^h 01 ^m Nov. 26 54 ^h 23 ^m Dec. 14 54 ^h 32 ^m 19 54 ^h 20 ^m 28 54 ^h 14 ^m Aldebaran. 1782. h^m 4. 23 Jan. 5 25 ^h 84 ^m 18 25 ^h 63 ^m 27 25 ^h 98 ^m Feb. 8 26 ^h 03 ^m 24 25 ^h 84 ^m 28 25 ^h 91 ^m Mar. 4 26 ^h 00 ^m 13 25 ^h 85 ^m 20 26 ^h 08 ^m June 25 25 ^h 64 ^m Aug. 4 25 ^h 66 ^m Sep. 27 25 ^h 94 ^m Oct. 23 25 ^h 85 ^m Nov. 20 25 ^h 72 ^m Dec. 14 25 ^h 94 ^m 19 25 ^h 86 ^m 28 25 ^h 92 ^m Capella. 1782. h^m 5. 0 Feb. 21 36 ^h 87 ^m 24 36 ^h 80 ^m 28 36 ^h 91 ^m Mar. 1 37 ^h 15 ^m 4 37 ^h 07 ^m 9 37 ^h 19 ^m 13 36 ^h 94 ^m 14 37 ^h 03 ^m 20 37 ^h 15 ^m July 19 36 ^h 96 ^m Sep. 23 36 ^h 99 ^m	Feb. 21 4 ^h 10 ^m 24 4 ^h 12 ^m 28 4 ^h 16 ^m Mar. 1 4 ^h 26 ^m 4 4 ^h 19 ^m 9 4 ^h 19 ^m 13 4 ^h 01 ^m 14 4 ^h 05 ^m 20 4 ^h 09 ^m June 25 3 ^h 87 ^m July 19 4 ^h 07 ^m Aug. 4 4 ^h 23 ^m Sep. 23 4 ^h 04 ^m 27 4 ^h 01 ^m 30 4 ^h 07 ^m Oct. 23 3 ^h 92 ^m 24 4 ^h 03 ^m Nov. 20 4 ^h 10 ^m 21 4 ^h 35 ^m Dec. 14 4 ^h 20 ^m 19 4 ^h 08 ^m β Tauri. 1782. h^m 5. 12 Jan. 5 31 ^h 62 ^m 18 31 ^h 37 ^m 27 31 ^h 73 ^m Feb. 8 31 ^h 75 ^m 21 31 ^h 54 ^m 24 31 ^h 58 ^m 28 31 ^h 61 ^m Mar. 1 31 ^h 76 ^m 4 31 ^h 82 ^m 9 31 ^h 66 ^m 13 31 ^h 49 ^m 20 31 ^h 69 ^m 24 31 ^h 41 ^m Aug. 4 31 ^h 25 ^m Sep. 23 31 ^h 55 ^m 27 31 ^h 47 ^m 30 31 ^h 53 ^m Oct. 23 31 ^h 56 ^m 24 31 ^h 58 ^m Nov. 20 31 ^h 61 ^m 21 31 ^h 51 ^m Dec. 14 31 ^h 58 ^m 19 31 ^h 50 ^m	Jan. 18 22 ^h 24 ^m 27 22 ^h 47 ^m Feb. 21 22 ^h 47 ^m 24 22 ^h 50 ^m 28 22 ^h 43 ^m Mar. 1 22 ^h 63 ^m 13 22 ^h 29 ^m 14 22 ^h 41 ^m 20 22 ^h 55 ^m 31 22 ^h 38 ^m Sep. 30 22 ^h 28 ^m Oct. 23 22 ^h 49 ^m 24 22 ^h 43 ^m Nov. 21 22 ^h 59 ^m Dec. 14 22 ^h 49 ^m 19 22 ^h 45 ^m Sirius. 1782. h^m 6. 35 Jan. 27 32 ^h 48 ^m Feb. 8 32 ^h 63 ^m 21 32 ^h 34 ^m 24 32 ^h 49 ^m Mar. 14 32 ^h 28 ^m 20 32 ^h 43 ^m Sep. 27 32 ^h 46 ^m 30 32 ^h 48 ^m Oct. 12 32 ^h 46 ^m 24 32 ^h 56 ^m Nov. 21 32 ^h 68 ^m Dec. 14 32 ^h 41 ^m 19 32 ^h 60 ^m Castor. 1782. h^m 7. 20 Mar. 20 39 ^h 72 ^m 23 39 ^h 69 ^m 29 39 ^h 76 ^m 31 39 ^h 75 ^m June 25 39 ^h 31 ^m Sep. 27 39 ^h 54 ^m 30 39 ^h 49 ^m	Feb. 21 52 ^h 73 ^m 24 52 ^h 83 ^m 28 52 ^h 76 ^m Mar. 13 52 ^h 67 ^m 14 52 ^h 81 ^m 20 52 ^h 86 ^m 23 52 ^h 71 ^m 31 52 ^h 84 ^m Apr. 11 52 ^h 71 ^m June 25 52 ^h 64 ^m July 24 52 ^h 82 ^m Aug. 4 52 ^h 70 ^m 26 52 ^h 77 ^m Sep. 3 52 ^h 44 ^m 4 52 ^h 83 ^m 5 52 ^h 83 ^m 8 52 ^h 98 ^m 9 52 ^h 89 ^m 17 52 ^h 79 ^m 22 52 ^h 69 ^m 27 52 ^h 84 ^m 30 52 ^h 78 ^m Oct. 12 52 ^h 67 ^m Dec. 21 52 ^h 94 ^m Pollux. 1782. h^m 7. 31 Feb. 2 57 ^h 13 ^m 8 57 ^h 24 ^m 21 57 ^h 06 ^m 24 57 ^h 05 ^m 28 57 ^h 03 ^m Mar. 13 56 ^h 86 ^m 14 57 ^h 05 ^m 20 57 ^h 27 ^m 23 56 ^h 96 ^m 30 57 ^h 03 ^m 31 57 ^h 09 ^m Apr. 11 57 ^h 18 ^m June 25 56 ^h 67 ^m July 24 56 ^h 86 ^m Aug. 26 56 ^h 68 ^m Sep. 3 56 ^h 87 ^m 4 57 ^h 01 ^m 5 57 ^h 08 ^m 8 57 ^h 13 ^m 9 57 ^h 15 ^m 17 57 ^h 04 ^m 22 56 ^h 96 ^m 27 56 ^h 93 ^m 30 56 ^h 87 ^m Oct. 12 56 ^h 94 ^m Dec. 21 57 ^h 05 ^m	Feb. 27 52 ^h 48 ^m 28 52 ^h 17 ^m Mar. 3 52 ^h 42 ^m 13 52 ^h 19 ^m 17 52 ^h 50 ^m 23 52 ^h 20 ^m 29 52 ^h 27 ^m Apr. 3 52 ^h 42 ^m June 25 52 ^h 15 ^m Sep. 27 52 ^h 14 ^m Oct. 9 52 ^h 26 ^m 12 52 ^h 04 ^m Regulus. 1782. h^m 9. 56 Feb. 27 44 ^h 73 ^m 28 44 ^h 38 ^m Mar. 17 44 ^h 78 ^m 23 44 ^h 48 ^m 29 44 ^h 53 ^m Apr. 3 44 ^h 83 ^m June 25 44 ^h 34 ^m Sep. 7 44 ^h 58 ^m 9 44 ^h 47 ^m 18 44 ^h 60 ^m 22 44 ^h 36 ^m 27 44 ^h 51 ^m 28 44 ^h 44 ^m 29 44 ^h 48 ^m Oct. 3 44 ^h 24 ^m 9 44 ^h 57 ^m β Leonis. 1782. h^m 11. 37 Feb. 28 55 ^h 40 ^m Mar. 29 55 ^h 53 ^m Apr. 3 55 ^h 73 ^m June 25 55 ^h 42 ^m July 24 55 ^h 55 ^m Aug. 16 55 ^h 41 ^m 20 55 ^h 59 ^m 29 55 ^h 56 ^m Oct. 9 55 ^h 50 ^m Nov. 3 55 ^h 49 ^m 12 55 ^h 49 ^m 13 55 ^h 51 ^m	Feb. 28 20 ^h 25 ^m Mar. 29 20 ^h 27 ^m Apr. 3 20 ^h 67 ^m Spica. 1782. h^m 13. 13 Feb. 2 43 ^h 94 ^m Mar. 29 43 ^h 75 ^m June 25 43 ^h 71 ^m July 24 44 ^h 01 ^m Aug. 3 43 ^h 93 ^m 16 43 ^h 83 ^m Sep. 4 43 ^h 95 ^m 5 43 ^h 72 ^m 6 43 ^h 74 ^m 7 43 ^h 78 ^m 9 43 ^h 86 ^m 10 43 ^h 67 ^m 23 43 ^h 64 ^m 27 43 ^h 77 ^m Nov. 6 43 ^h 84 ^m 13 43 ^h 88 ^m 20 43 ^h 81 ^m 23 43 ^h 75 ^m 30 43 ^h 74 ^m Arcturus. 1782. h^m 14. 5 Feb. 2 43 ^h 37 ^m Mar. 3 43 ^h 42 ^m June 25 43 ^h 22 ^m July 24 43 ^h 47 ^m Aug. 3 43 ^h 25 ^m 16 43 ^h 16 ^m 17 43 ^h 20 ^m 18 43 ^h 30 ^m 20 43 ^h 25 ^m 29 43 ^h 31 ^m Sep. 4 43 ^h 45 ^m 5 43 ^h 37 ^m 6 43 ^h 39 ^m 7 43 ^h 49 ^m 9 43 ^h 32 ^m 10 43 ^h 35 ^m 19 43 ^h 51 ^m 23 43 ^h 28 ^m 26 43 ^h 26 ^m 27 43 ^h 33 ^m 30 43 ^h 49 ^m Oct. 14 43 ^h 55 ^m 23 43 ^h 59 ^m	Oct. 24 43 ^h 67 ^m Nov. 6 43 ^h 24 ^m 8 43 ^h 43 ^m 12 43 ^h 43 ^m 13 43 ^h 39 ^m 20 43 ^h 60 ^m 23 43 ^h 35 ^m Dec. 12 43 ^h 47 ^m 21 43 ^h 42 ^m α^2 Libræ. 1782. h^m 14. 38 Feb. 2 50 ^h 88 ^m Mar. 3 50 ^h 97 ^m June 25 50 ^h 89 ^m July 24 51 ^h 00 ^m Aug. 20 51 ^h 13 ^m Dec. 30 50 ^h 82 ^m α Coronæ Borealis. 1782. h^m 15. 25 Feb. 2 27 ^h 59 ^m Mar. 3 27 ^h 83 ^m June 25 27 ^h 63 ^m July 19 27 ^h 76 ^m 24 27 ^h 78 ^m Aug. 5 27 ^h 50 ^m 16 27 ^h 49 ^m 20 27 ^h 63 ^m 23 27 ^h 59 ^m 29 27 ^h 60 ^m Sep. 4 27 ^h 83 ^m 5 27 ^h 76 ^m 6 27 ^h 80 ^m 7 27 ^h 72 ^m 9 27 ^h 72 ^m 17 27 ^h 76 ^m 19 27 ^h 82 ^m Oct. 12 27 ^h 77 ^m Nov. 9 27 ^h 73 ^m 23 27 ^h 61 ^m Dec. 12 27 ^h 72 ^m 18 27 ^h 76 ^m 21 27 ^h 66 ^m 30 27 ^h 65 ^m

185369A α Serpentis.		α Herculis.		α Ophiuchi continued.		γ Aquilæ.		γ Aquilæ continued.		β Aquilæ. continued.		α Cygni continued.		α Pegasi.	
1782.	^h ^m 15. 33	1782.	^h ^m 17. 4	1782.	^h ^m 17. 24	1782.	^h ^m 19. 35	1782.	^h ^m 19. 35	1782.	^h ^m 19. 44	1782.	^h ^m 20. 34	1782.	^h ^m 22. 53
Feb. 2	32.52	July 19	42.94	Oct. 23	49.35	Mar. 7	53.67	Dec. 28	53.57	Nov. 14	36.25	Feb. 28	0.21	Jan. 18	54.53
Mar. 3	32.62	24	42.89	Nov. 4	49.31	8	53.72	30	53.70	20	36.22	Mar. 3	0.35	Sep. 19	54.92
June 25	32.47	Aug. 16	42.79	6	49.26	29	53.55	β Aquilæ.		21	36.15	8	0.29	Oct. 4	54.71
July 19	32.55	17	42.81	9	49.35	Apr. 3	53.73	1782.	^h ^m 19. 44	26	36.25	13	0.23	13	54.77
24	32.61	18	42.84	12	49.31	11	53.63			Dec. 1	36.14	Apr. 3	0.43	14	54.78
Aug. 5	32.50	23	42.81	14	49.30	June 25	53.66	June 25	36.17	13	36.15	Sep. 22	0.22	19	54.93
16	32.51	Sep. 4	42.92	20	49.40	July 19	53.68	July 19	36.27	14	36.27	Dec. 1	0.12	23	54.71
17	32.51	5	42.91	Dec. 1	49.24	24	53.82	Aug. 3	36.18	28	36.12	21	0.27	24	54.82
18	32.56	6	42.92	18	49.30	26	53.64	June 25	36.17	α^2 Capricorni.		α Aquarii.		Nov. 4	54.81
20	32.54	8	43.01	23	49.29	Aug. 3	53.62	July 19	36.27	1782.	^h ^m 20. 5	1782.	^h ^m 21. 54	7	54.73
29	32.58	10	42.89	27	49.26	5	53.55	24	36.22	July 24	56.68	Jan. 5	34.80	9	54.85
Sep. 4	32.45	Oct. 23	42.79	30	49.28	9	53.64	26	36.16	Aug. 3	56.76	Sep. 19	34.77	13	(54.48)
5	32.50	Nov. 14	42.84	α Lyræ.		11	53.60	Aug. 3	36.11	17	56.84	Oct. 4	34.75	14	54.89
6	32.53	Dec. 12	42.86	1782.	^h ^m 18. 29	16	53.53	4	36.11	18	56.82	12	34.82	20	54.71
7	32.36	13	42.95			20	53.57	5	36.28	20	36.20	23	56.86	13	34.71
8	32.58	27	42.83	23	53.60	25	53.69	9	36.20	25	56.95	14	34.60	19	54.85
9	32.51	α Ophiuchi.		26	53.67	26	53.67	16	36.12	29	56.76	19	34.78	24	54.69
10	32.41	1782.	^h ^m 17. 24	29	53.62	Sep. 3	53.64	17	36.25	26	56.76	23	34.76	30	54.73
17	32.50			Jan. 5	33.55	4	53.77	18	36.17	29	36.23	Sep. 3	56.67	Nov. 4	34.73
19	32.52	26	33.66	5	53.60	20	36.30	23	36.29	4	56.79	7	34.79	1782.	^h ^m 23. 57
27	32.52	Feb. 2	33.55	6	53.74	23	36.25	25	36.25	6	56.69	9	34.91		
30	32.44	Mar. 7	33.45	7	53.58	26	36.26	26	36.26	7	56.66	13	34.78	18	9.19
Oct. 23	32.55	Apr. 3	33.83	10	53.62	29	36.23	29	36.23	10	56.55	14	34.81	Aug. 25	9.14
Dec. 12	32.30	June 25	49.34	17	53.67	3	36.27	3	36.27	17	56.63	20	34.65	Oct. 12	9.46
18	32.38	July 19	49.33	19	53.69	4	36.28	4	36.28	19	56.67	Dec. 14	34.98	13	9.32
21	32.36	24	49.48	22	53.70	5	36.17	5	36.17	26	56.67	19	34.88	14	9.35
23	32.47	Aug. 3	49.29	23	53.60	6	36.17	6	36.17	27	56.61	21	34.89	19	9.52
30	32.46	4	49.35	27	53.60	7	36.25	7	36.25	28	56.66	30	34.61	23	9.47
α Antares.		5	49.26	28	53.54	9	36.27	9	36.27	30	56.72	α Cygni.		24	9.40
1782.	^h ^m 16. 16	9	49.26	30	53.52	10	36.29	10	36.29	Oct. 12	56.73	1782.	^h ^m 22. 45	Nov. 4	9.36
		11	49.36	3	33.24	11	36.28	11	36.28	13	56.71			7	9.38
June 25	4.07	16	49.37	9	33.34	12	53.60	12	36.28	13	56.71	Fomalhaut.		9	9.38
July 19	4.29	17	49.28	16	33.20	12	53.60	13	36.27	14	56.63	1782.	^h ^m 22. 45	13	9.36
Aug. 5	4.53	18	49.34	23	33.33	14	53.53	14	36.19	19	56.77			14	9.27
16	4.38	20	49.30	26	33.33	19	53.67	16	36.19	Nov. 9	56.58	Sep. 19	33.96	20	9.28
17	4.55	23	49.28	29	33.51	23	53.64	17	36.22	13	56.68	Oct. 4	33.88	21	9.54
18	4.63	29	49.33	Nov. 4	33.67	24	53.55	18	36.15	20	56.66	8	33.93	26	9.33
20	4.59	4	49.39	9	33.84	Nov. 4	53.51	19	36.32	21	56.79	12	33.85	Dec. 1	9.14
23	4.70	5	49.36	13	33.67	7	53.60	23	36.14	Dec. 1	56.52	13	33.81	13	9.46
Sep. 7	4.07	6	49.28	14	33.67	9	53.53	24	36.18	α Cygni.		14	33.77	14	9.45
10	4.16	7	49.30	21	33.69	13	53.53	Nov. 4	36.29	1782.	^h ^m 20. 34	19	33.79	19	9.39
19	4.07	8	49.48	Dec. 1	33.48	14	53.58	7	36.28	Feb. 20	0.28	23	33.70	21	9.32
27	4.10	9	49.44	13	33.52	20	53.54	9	36.17	α Cygni.		24	33.77	24	9.29
30	4.20	10	49.34	14	33.59	21	53.52	13	36.26	1782.	^h ^m 20. 34	Dec. 24	33.82	28	9.29
Oct. 4	4.04	19	49.52	26	53.50	22	53.45	Nov. 4	36.29			Dec. 24	33.82	30	9.28
24	4.07	23	49.22	22	33.40	14	53.59	7	36.28	α Cygni.		α Cygni.		α Cygni.	
27	4.18	30	49.31	24	33.46	19	53.60	9	36.17	α Cygni.		α Cygni.		α Cygni.	
				30	33.55			13	36.26	α Cygni.		α Cygni.		α Cygni.	

SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,

SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1783, for 1783, Jan. 1.

Assumed Mean R. A. of α Aquilæ, 1783, Jan. 1 = $19^h. 40^m. 11^s. 60$.

γ Pegasi.		α Ceti <i>continued.</i>		Rigel <i>continued.</i>		α Orionis <i>continued.</i>		Procyon <i>continued.</i>		α Hydræ.		Spica <i>continued.</i>		α Coronæ Borealis <i>continued.</i>	
1783.	^h ^m 0. 2	1783.	^h ^m 2. 50	1783.	^h ^m 5. 4	1783.	^h ^m 5. 43	1783.	^h ^m 7. 27	1783.	^h ^m 9. 16	1783.	^h ^m 13. 13	1783.	^h ^m 15. 25
Jan. 1	4 ^s 86	Jan. 19	57 ^s 44	Feb. 6	6 ^s 91	Mar. 21	25 ^s 77	Feb. 20	56 ^s 13	Jan. 18	55 ^s 31	July 14	46 ^s 91	Mar. 20	30 ^s 32
2	5 ^s 07	23	57 ^s 35	12	7 ^s 00	22	25 ^s 75	26	56 ^s 00	19	55 ^s 39	28	47 ^s 06	21	30 ^s 21
9	4 ^s 95	Feb. 6	57 ^s 46	26	6 ^s 97	Aug. 17	25 ^s 70	Mar. 10	56 ^s 01	Mar. 9	55 ^s 28	Aug. 12	46 ^s 96	Apr. 18	30 ^s 43
11	4 ^s 90	11	57 ^s 29	Mar. 14	6 ^s 92	Oct. 7	25 ^s 67	17	55 ^s 88	17	55 ^s 32	Sep. 10	47 ^s 12	July 13	30 ^s 36
20	4 ^s 94	12	57 ^s 39	16	6 ^s 97	Dec. 30	25 ^s 79	14	56 ^s 01	18	55 ^s 35	24	46 ^s 94	14	30 ^s 16
23	4 ^s 92	18	57 ^s 35	18	7 ^s 14			19	56 ^s 08	21	55 ^s 29	Oct. 29	46 ^s 91	17	30 ^s 39
Feb. 6	4 ^s 87	Mar. 8	57 ^s 31	19	6 ^s 96			21	56 ^s 04	Sep. 23	55 ^s 17	Nov. 7	46 ^s 91	28	30 ^s 35
Apr. 18	4 ^s 79	Dec. 3	57 ^s 42	21	7 ^s 06			22	56 ^s 00	Dec. 12	55 ^s 19	Dec. 18	46 ^s 97	Aug. 8	30 ^s 28
Aug. 13	4 ^s 87	4	57 ^s 27	22	7 ^s 08			Apr. 20	55 ^s 76					Sep. 4	30 ^s 20
14	4 ^s 79	13	57 ^s 35	Apr. 19	7 ^s 07	Sirius.		July 28	55 ^s 98	Regulus.		Areturus.		24	30 ^s 33
Sep. 30	4 ^s 98	Aldebaran.		May 20	6 ^s 95	1783.	^h ^m 6. 35	Aug. 16	55 ^s 92	1783.	^h ^m 9. 56	1783.	^h ^m 14. 5	30	30 ^s 24
Oct. 1	4 ^s 81	1783.	^h ^m 4. 23	Aug. 26	6 ^s 92	Jan. 23	35 ^s 19	17	56 ^s 07	Jan. 19	47 ^s 87	Jan. 25	46 ^s 27	Oct. 1	30 ^s 20
5	4 ^s 93	Jan. 9	29 ^s 32	Dec. 12	7 ^s 07	Feb. 6	35 ^s 10	18	55 ^s 78	Mar. 9	47 ^s 73	Mar. 20	46 ^s 06	3	30 ^s 32
10	4 ^s 93	19	29 ^s 44	13	7 ^s 01	Mar. 10	35 ^s 03	19	55 ^s 60	17	47 ^s 75	July 13	46 ^s 18	4	30 ^s 34
Nov. 2	5 ^s 17	23	29 ^s 39	30	7 ^s 22	16	35 ^s 18	6	55 ^s 99	21	47 ^s 86	14	46 ^s 06	7	30 ^s 24
7	4 ^s 83	Feb. 6	29 ^s 32	β Tauri.		18	35 ^s 19	12	56 ^s 00	18	47 ^s 86	17	46 ^s 23	28	30 ^s 27
12	5 ^s 10	11	29 ^s 49	1783.	^h ^m 5. 12	19	35 ^s 09	20	55 ^s 79	Apr. 19	48 ^s 05	28	46 ^s 17	Nov. 4	30 ^s 28
14	5 ^s 06	12	29 ^s 36	Jan											

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SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R.A. of STARS compared with α AQUILÆ in the Year 1784, for 1784, Jan. 1.Assumed Mean R.A. of α Aquilæ, 1784, Jan. 1 = $19^h.40^m.14^s.53$.

γ Pegasi.	Aldebaran <i>continued.</i>	β Tauri. <i>continued.</i>	Procyon. <i>continued.</i>	Regulus <i>continued.</i>	α^2 Libræ.	α Herculis <i>continued.</i>	α Lyræ <i>continued.</i>	
1784. Jan. 5 17 24 25 Feb. 3 May 9 Aug. 31 Oct. 22 26 Nov. 8 20 21 Dec. 20 23 28	h m 0. 2 Jan. 28 29 Feb. 3 4 9 23 Mar. 11 12 16 July 2 Aug. 7 Dec. 28 Capella. 1784. Jan. 17 Aug. 7 Rigel. 1784. Jan. 5 17 28 29 Feb. 3 4 Mar. 11 12 14 Sep. 2 Oct. 27 Dec. 20 28 α Ceti. 1784. Jan. 5 17 28 29 Feb. 4 Aug. 7 Dec. 20 28 Aldebaran. 1784. Jan. 5	h m 4. 23 32.76 32.86 32.83 32.64 33.05 32.73 32.76 32.72 32.80 32.88 32.85 5. 0 45.71 45.47 5. 4 9.79 9.90 10.06 10.01 10.02 9.91 9.80 9.70 9.76 9.80 9.94 9.78 9.88 5. 12 39.07 38.91 39.12 39.22 39.26 39.15 39.19 39.13 39.12	h m 5. 12 38.94 39.19 38.93 39.15 α Orionis. 1784. Jan. 5 28 29 Feb. 3 4 10 Mar. 16 July 4 31 Aug. 7 Dec. 28 Sirius. 1784. Jan. 17 July 2 31 Aug. 1 14 Castor. 1784. Feb. 23 Mar. 16 Apr. 13 May 9 Aug. 14 Sep. 3 Dec. 1 Procyon. 1784. Jan. 17 28	h m 7. 27 59.18 58.94 59.01 59.21 59.11 59.20 59.11 59.06 59.04 59.08 59.17 59.19 59.14 Pollux. 1784. Jan. 17 28 Feb. 3 4 8 Mar. 11 12 16 Apr. 14 May 9 Aug. 1 14 Sep. 2 3 4 Dec. 1 α Hydræ. 1784. Mar. 11 Apr. 13 Regulus. 1784. Mar. 11 Apr. 13	h m 9. 56 50.84 50.95 51.18 50.93 50.77 β Leonis. 1784. Feb. 8 July 31 Aug. 2 Sep. 24 Nov. 7 Spica. 1784. Feb. 10 May 9 July 2 Sep. 3 25 30 Oct. 25 Nov. 7 Areturus. 1784. July 2 Aug. 1 7 14 29 31 Sep. 4 18 25 30 Oct. 14 22 Nov. 2 7 18 19 20 30 Dec. 1	h m 14. 38 57.53 57.64 α Coronæ Borealis. 1784. Mar. 10 11 July 2 Aug. 29 Sep. 27 Oct. 26 Nov. 2 8 19 21 30 Dec. 9 α Serpentis. 1784. Mar. 10 11 July 12 Aug. 14 Sep. 27 Oct. 14 26 Antares. 1784. July 2 Aug. 1 7 12 29 31 Sep. 4 18 25 30 Oct. 14 27 α Herculis. 1784. Mar. 13	h m 17. 4 48.22 48.21 48.31 48.45 48.31 48.44 48.37 48.39 α Ophiuchi. 1784. Jan. 4 24 Mar. 13 July 12 27 Aug. 14 29 Sep. 1 2 3 18 Oct. 14 18 26 Nov. 3 19 Dec. 2 10 α Lyræ. 1784. Jan. 4 16 23 24 Feb. 8 Mar. 13 July 2 4 31 Aug. 2 31 Sep. 1 10 18 37 Nov. 3 8 19 27 37 Dec. 1 2 8 19	h m 18. 29 37.51 37.55 37.58 37.63 37.65 γ Aquilæ. 1784. Jan. 27 28 Feb. 1 22 Mar. 10 11 13 15 Apr. 13 May 11 July 2 4 12 27 31 Aug. 1 2 7 11 14 18 20 29 31 Sep. 1 2 3 4 18 25 26 30 Oct. 12 14 26 27 Nov. 3 8 28

β Aquilæ.		β Aquilæ <i>continued.</i>		α^2 Capricorni <i>continued.</i>		α Cygni.		α Aquarii <i>continued.</i>		α Pegasi.		α Andromedæ.	
1784.	^h 19. 44	1784.	^h 19. 44	1784.	^h 20. 6	1784.	^h 20. 34	1784.	^h 21. 54	1784.	^h 22. 54	1784.	^h 23. 57
Apr. 13	42° 09	Sep. 25	42° 01	July 4	3° 36	Mar. 10	4° 41	Sep. 26	40° 98	Jan. 5	0° 84	Jan. 5	15° 66
May 11	42° 16	30	42° 06	27	3° 29	13	4° 51	30	40° 95	17	0° 67	17	15° 40
July 2	42° 35	Oct. 14	42° 14	31	3° 37	15	4° 59	Oct. 27	41° 14	25	0° 83	24	15° 63
4	42° 10	22	42° 23	Aug. 2	3° 25	July 4	4° 59	Nov. 20	41° 08	May 9	0° 62	25	15° 45
12	42° 03	26	42° 19	29	3° 35	31	4° 49	21	41° 00	Aug. 2	0° 78	28	15° 47
27	42° 08	27	42° 16	31	3° 36	Aug. 31	4° 37	Dec. 1	41° 06	Sep. 30	0° 62	Feb. 3	15° 56
31	42° 17	Nov. 3	42° 26	Sep. 1	3° 26	Nov. 27	4° 13	20	40° 97	Oct. 22	0° 80	23	15° 39
Aug. 1	42° 22	8	42° 09	2	3° 30	Dec. 10	4° 28	23	41° 04	26	0° 88	Mar. 14	15° 49
2	42° 13	19	42° 16	3	3° 36	28	4° 51	28	41° 02	27	0° 79	May 9	15° 23
7	42° 06	20	42° 21	4	3° 41	α Aquarii.		Fomalhaut.		Nov. 7	0° 71	Aug. 31	15° 57
11	42° 23	21	42° 02	18	3° 41					20	0° 85	Oct. 22	15° 61
13	42° 10	27	42° 24	26	3° 22	1784.		22. 45		21	0° 68	26	15° 57
14	42° 13	Dec. 1	42° 17	27	3° 26					Dec. 20	0° 78	27	15° 71
18	42° 05	α^2 Capricorni.		30	3° 24	1784.		22. 45		23	0° 76	Nov. 7	15° 39
20	42° 16			Oct. 10	3° 18					28	0° 76	21	15° 35
29	42° 10	1784.		22	3° 35	1784.		22. 45				Dec. 20	15° 65
31	42° 09			26	3° 30							23	15° 64
Sep. 1	42° 07	1784.		Nov. 20	3° 35	1784.		22. 45				28	15° 41
2	42° 04			21	3° 35								
3	42° 17	1784.		27	3° 36	1784.		22. 45					
4	42° 14			Dec. 1	3° 51								
18	42° 07	Apr. 2	3° 39			Jan. 5	40° 84	Dec. 20	40° 51				
		May 9	3° 36			May 9	41° 01	28	40° 42				
						July 27	40° 84						
						Aug. 29	40° 97						

SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ.

SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1785, for 1785, Jan. 1.

Assumed Mean R.A. of α Aquilæ, 1785, Jan. 1 = $19^{\text{h}}.40^{\text{m}}.17^{\text{s}}.46$.

γ Pegasi.	Capella <i>continued.</i>	Sirius <i>continued.</i>	Pollux <i>continued.</i>	Areturus <i>continued.</i>	Antares <i>continued.</i>	α Lyrae <i>continued.</i>	γ Aquilæ <i>continued.</i>
1785. 0. 2	1785. 5. 0	1785. 6. 35	1785. 7. 32	1785. 14. 5	1785. 16. 16	1785. 18. 29	1785. 19. 36
Jan. 7 11 ^s 18	July 20 49 ^s 96	Feb. 19 40 ^s 20	Sep. 2 8 ^s 15	Nov. 12 51 ^s 74	Aug. 12 15 ^s 24	Mar. 5 39 ^s 67	Oct. 8 2 ^s 08
23 11 ^m 00	31 50 ^m 36	Mar. 11 40 ^m 36	24 8 ^m 18	23 51 ^m 65	18 15 ^m 07	June 23 39 ^m 60	10 1 ^m 97
July 25 11 ^s 17	Aug. 27 50 ^s 17	Apr. 3 40 ^s 47		Dec. 2 51 ^s 64	31 15 ^s 32	July 20 39 ^s 55	15 2 ^s 28
Oct. 1 11 ^m 09		Aug. 27 40 ^m 58				22 39 ^m 78	16 2 ^m 22
8 11 ^s 04		Sep. 24 40 ^s 49	α Hydræ.			24 39 ^s 45	24 2 ^s 31
16 11 ^m 06	Rigel.			α^2 Libræ.	α Herculis.	25 39 ^m 77	26 2 ^m 18
Nov. 12 10 ^s 94						Aug. 18 39 ^s 46	27 1 ^s 97
13 11 ^m 35		Castor.	1785. 9. 17	1785. 14. 39	1785. 17. 4	Sep. 7 39 ^m 72	29 2 ^m 23
14 10 ^s 98	1785. 5. 4		Apr. 2 1 ^m 16	May 27 0 ^s 85	July 20 50 ^s 95	9 39 ^s 77	Nov. 5 2 ^s 08
17 11 ^m 07		1785. 7. 20		July 17 0 ^s 88	25 51 ^s 20	11 39 ^m 64	7 2 ^m 34
18 11 ^s 17	Jan. 10 12 ^s 76	Jan. 10 51 ^s 17	Regulus.	30 0 ^s 94	Aug. 12 51 ^s 11	12 39 ^m 72	9 2 ^m 09
Dec. 7 10 ^m 78	23 12 ^m 54	Feb. 19 51 ^s 15			Sep. 14 51 ^s 29	14 39 ^m 80	11 2 ^m 07
	Feb. 19 12 ^s 61	Mar. 10 51 ^s 29	1785. 9. 56	α Coronæ Borealis.	17 51 ^s 20	15 39 ^m 66	12 2 ^m 10
	Mar. 11 12 ^s 79	Apr. 2 51 ^s 16	Apr. 2 54 ^s 14		24 51 ^s 11	Oct. 10 39 ^s 54	13 2 ^s 28
	June 23 12 ^s 80	July 25 51 ^s 26	July 20 54 ^s 06		Oct. 16 51 ^s 16	15 39 ^m 81	15 2 ^s 27
	July 31 12 ^s 83	30 51 ^s 36			Nov. 6 51 ^s 27	16 39 ^m 76	18 2 ^s 10
	Aug. 27 12 ^s 74	Sep. 24 51 ^s 37			15 51 ^s 08	Nov. 7 39 ^s 77	22 2 ^s 25
	Nov. 17 12 ^s 85	Oct. 26 51 ^s 20			22 51 ^s 24	Dec. 1 39 ^s 66	23 2 ^s 19
						3 39 ^m 48	24 2 ^m 21
α Arietis.						7 39 ^m 42	29 2 ^m 23
1785. 1. 55	β Tauri.		β Leonis.		α Ophiuchi.		Dec. 3 2 ^s 11
Feb. 8 5 ^s 49		Procyon.	1785. 11. 38				7 2 ^m 00
9 5 ^m 49	1785. 5. 12	1785. 7. 28	July 30 4 ^s 85		1785. 17. 24	1785. 19. 36	
19 5 ^s 42		Jan. 10 2 ^s 25	Nov. 23 4 ^s 72		Jan. 6 57 ^s 83	Jan. 22 2 ^s 18	
27 5 ^m 45	Jan. 10 43 ^s 13	23 2 ^s 21			22 57 ^s 59	28 2 ^s 08	
Mar. 11 5 ^s 48	Feb. 19 42 ^s 74	Feb. 19 2 ^s 14	Spica.		28 57 ^s 46	Feb. 18 2 ^s 21	
Nov. 14 5 ^m 51	Mar. 11 43 ^s 01	28 2 ^s 37			22 57 ^s 77	27 2 ^s 26	
	June 23 42 ^s 90	Mar. 10 2 ^s 13			25 57 ^s 80	Mar. 5 2 ^s 29	
	July 30 42 ^s 99	Apr. 2 2 ^s 17		α Serpentis.	Aug. 12 57 ^s 76	May 27 2 ^s 18	
	31 42 ^s 96	May 27 2 ^s 17			18 57 ^s 51	July 17 2 ^s 17	
	Aug. 27 42 ^s 96	June 24 2 ^s 22	1785. 13. 13		Sep. 11 57 ^s 64	20 2 ^s 04	
	Nov. 17 42 ^s 91	25 2 ^s 46	July 20 53 ^s 22		12 57 ^s 65	22 2 ^s 31	
		30 2 ^s 21	30 53 ^s 37		17 57 ^s 81	24 2 ^s 03	
α Ceti.	α Orionis.	Aug. 27 2 ^s 35	Aug. 31 53 ^s 29		24 57 ^s 77	25 2 ^s 26	
1785. 2. 51		Sep. 2 2 ^s 21	Sep. 14 53 ^s 21		Oct. 15 57 ^s 80	27 2 ^s 10	
Feb. 8 3 ^s 57	1785. 5. 43	24 2 ^s 34	Nov. 12 53 ^s 64		Aug. 12 41 ^s 49	30 2 ^s 30	
19 3 ^m 56		Oct. 26 2 ^s 18	23 53 ^s 25		31 41 ^s 45	26 57 ^s 60	
28 3 ^s 61	Jan. 10 32 ^s 34				Sep. 24 41 ^s 47	Nov. 9 57 ^s 70	
Mar. 11 3 ^s 61	23 32 ^s 08	Pollux.	1785. 14. 5		Oct. 10 41 ^s 08	17 57 ^s 64	
Nov. 17 3 ^s 77	Feb. 19 32 ^s 09		May 27 51 ^s 44		26 41 ^s 56	Dec. 1 57 ^s 66	
	Mar. 11 32 ^s 25		July 17 51 ^s 58		Nov. 28 41 ^s 43	3 57 ^s 46	
Aldebaran.	June 23 32 ^s 04		20 51 ^s 56				
1785. 4. 23	25 32 ^s 40		25 51 ^s 76		Antares.	α Lyrae.	
Jan. 23 36 ^s 04	30 32 ^s 29	1785. 7. 32	Aug. 12 51 ^s 62		1785. 16. 16	1785. 18. 29	
Mar. 11 36 ^s 02	Aug. 27 32 ^s 23	Jan. 10 8 ^s 17	Sep. 14 51 ^s 82		Jan. 6 15 ^s 22	Jan. 6 39 ^s 89	
Apr. 2 36 ^s 09	Sep. 24 32 ^s 17	23 7 ^s 99	Oct. 8 51 ^s 68		July 17 15 ^s 29	9 39 ^s 84	
June 23 36 ^s 20		Feb. 19 8 ^s 12	Nov. 6 51 ^s 70		20 15 ^s 15	22 39 ^s 53	
Nov. 17 36 ^s 30		28 8 ^s 30			22 15 ^s 32	23 39 ^s 54	
		Mar. 10 8 ^s 10			24 15 ^s 15		
Capella.	Sirius.	Apr. 2 8 ^s 00					
1785. 5. 0	1785. 6. 35	May 28 8 ^s 04					
Jan. 23 50 ^s 06	Jan. 10 40 ^s 50	June 24 8 ^s 08					
June 23 49 ^s 71	23 40 ^s 29	Aug. 27 8 ^s 10					

β Aquilæ <i>continued.</i>		β Aquilæ <i>continued.</i>		α^2 Capricorni <i>continued.</i>		α^2 Capricorni <i>continued.</i>		α Cygni <i>continued.</i>		α Aquarii <i>continued.</i>		α Pegasi.		α Andromedæ.	
1785.	^h 19. ^m 44	1785.	^h 19. ^m 44	1785.	^h 20. ^m 6	1785.	^h 20. ^m 6	1785.	^h 20. ^m 34	1785.	^h 21. ^m 54	1785.	^h 22. ^m 54	1785.	^h 23. ^m 57
Oct. 24	45.20	Dec. 7	45.01	Sep. 11	6.45	Dec. 7	6.69	Nov. 9	6.42	Nov. 15	44.46	Jan. 7	3.92	Jan. 7	18.73
26	45.25			12	6.62			11	6.16	17	44.14	23	3.63	23	18.47
27	45.02			15	6.84			Dec. 7	6.13	18	44.09	Feb. 8	3.74	Feb. 8	18.49
29	45.14			17	6.75							9	3.73	9	18.47
Nov. 5	45.14	α^2 Capricorni.		21	6.62	α Cygni.						Apr. 2	(3.29)	19	18.51
7	45.24			24	6.69			α Aquarii.		Fomalhaut.		July 24	3.71	28	18.51
9	45.18	1785.	^h 20. ^m 6	Oct. 15	6.72	1785.	^h 20. ^m 34					Aug. 20	3.85	Apr. 2	18.49
12	45.15	June 23	6.63	16	6.63	Jan. 10	6.42	1785.	^h 21. ^m 54	1785.	^h 22. ^m 45	Sep. 15	3.78	Sep. 17	18.61
13	45.16	July 17	6.71	29	6.72	23	6.50	Jan. 10	44.04	July 24	43.80	Oct. 1	3.79	Oct. 1	18.70
14	45.16	24	6.65	Nov. 7	6.94	Feb. 7	6.28	Aug. 20	44.15	8	3.87	Nov. 12	3.77	Nov. 13	18.73
15	45.25	25	6.83	9	6.70	8	6.31	Sep. 7	44.07	13	4.03	14	3.74	15	18.61
17	45.03	Aug. 12	6.73	12	6.64	27	6.39	15	44.24	14	3.74	29	3.81	17	18.35
18	45.06	20	6.85	13	6.92	Apr. 2	6.28	21	44.15	Dec. 7	3.61			18	18.45
22	45.10	27	6.76	14	6.79	June 23	6.24	Nov. 9	44.21					Dec. 7	18.35
23	45.18	31	6.74	15	6.66	July 22	6.61	12	44.10						
24	45.12	Sep. 2	6.77	17	6.79	24	6.46	14	44.22						
29	45.08	7	6.61	23	6.72	Aug. 18	(5.82)								
Dec. 1	45.08	9	6.73	24	6.75	Sep. 15	6.56								
3	45.06			Dec. 1	6.68										

SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,[illegible]

α^2 Capricorni continued.		α Cygni continued.		α Cygni continued.		α Aquarii continued.		Fomalhaut continued.		α Pegasi continued.	
1796.	^h ^m 20. 6	1796.	^h ^m 20. 34	1796.	^h ^m 20. 34	1796.	^h ^m 21. 55	1796.	^h ^m 22. 46	1796.	^h ^m 22. 54
July 19	43.12	Feb. 7	28.65	Nov. 4	29.02	Oct. 16	17.47	Dec. 2	20.60	Dec. 6	36.05
Aug. 14	43.15	Mar. 4	28.76	5	29.01	25	17.56	4	20.35	10	36.24
18	43.06	15	28.91	6	28.44	Nov. 4	17.80	6	20.13	25	36.38
Sep. 9	43.18	16	28.95	10	29.00	10	17.76	10	20.32		
11	43.15	17	29.22	12	28.93	12	17.71				
12	43.04	18	28.71	22	28.96	30	17.54	α Pegasi.		α Andromedæ.	
13	43.12	24	28.48	30	28.83	Dec. 2	17.74				
14	43.14	July 21	28.78	Dec. 2	29.09	4	17.48				
15	42.98	Aug. 14	28.90	10	28.99	6	17.67				
Oct. 10	43.11	15	28.94	α Aquarii.		Fomalhaut.		1796.	^h ^m 22. 54	1796.	^h ^m 23. 57
11	43.20	16	29.04					Sep. 15	36.08	Jan. 22	52.10
25	43.15	18	28.93					Oct. 9	36.18	Oct. 16	52.25
Nov. 5	43.15	Sep. 8	28.94					10	36.38	18	52.23
6	43.14	9	29.04					11	36.24	25	52.11
10	43.10	11	28.70					16	36.30	Nov. 4	52.27
12	43.03	12	28.95	1796.	^h ^m 21. 55	1796.	^h ^m 22. 46	18	36.29	10	51.80
α Cygni.		13	28.84	Aug. 18	17.45	Oct. 10	20.66	Nov. 4	36.44	30	52.14
1796.	^h ^m 20. 34	14	28.90	Sep. 11	17.75	16	20.39	10	36.35	Dec. 2	52.36
Feb. 2	28.94	30	29.01	12	17.66	18	20.42	22	36.31	4	52.18
		Oct. 9	28.91	13	17.74	Nov. 4	20.69	30	36.13	10	52.12
		10	29.05	Oct. 9	17.70	10	20.56	Dec. 2	36.45	25	52.19
		11	29.02	11	17.67	30	20.25	4	36.18		
		25	29.03								

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SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1797, for 1797, Jan. 1.Assumed Mean R. A. of α Aquilæ, 1797, Jan. 1 = $19^h.40^m.52^s.27$.

γ Pegasi.	Aldebaran <i>continued.</i>	Rigel <i>continued.</i>	Sirius.	Pollux <i>continued.</i>	Spica.	α Coronæ <i>continued.</i>	α Ophiuchi.
1797. h^m O. 2	1797. h^m 4. 24	1797. h^m 5. 4	1797. h^m 6. 36	1797. h^m 7. 32	1797. h^m 13. 14	1797. h^m 15. 26	1797. h^m 17. 25
Jan. 25 47.56	Feb. 15 17.17	Feb. 22 46.83	Jan. 29 11.79	Oct. 12 52.23	Jan. 16 30.45	Feb. 15 5.60	Jan. 16 30.52
29 47.60	16 16.84	24 46.95	Feb. 15 11.88	13 52.14	Feb. 14 30.85	17 5.53	24 30.55
Feb. 17 47.58	17 16.81	25 46.91	July 30 12.09	Dec. 6 51.86	15 30.56	July 30 5.61	Feb. 17 30.67
Nov. 1 47.84	18 16.89	Mar. 2 46.83	Aug. 5 11.93		July 30 30.63	Aug. 2 5.46	18 30.68
8 47.54	19 16.97	3 46.64	Oct. 11 11.55		Aug. 3 30.80	3 5.53	20 30.65
10 47.43	21 16.95	May 15 46.87			Sep. 27 30.83	Sep. 5 5.49	21 30.71
Dec. 6 47.51	22 16.80	Aug. 5 46.96		α Hydræ.	Nov. 9 30.70	9 5.58	July 30 30.74
10 47.35	24 17.12	Nov. 6 46.82	Castor.		10 30.86	Oct. 14 5.77	Aug. 2 30.70
	25 17.02					21 5.63	3 30.67
α Arietis.	Mar. 2 16.89	β Tauri.	1797. h^m 7. 21	1797. h^m 9. 17	Areturus.	α Serpentis.	Sep. 2 30.97
	21 16.73		Jan. 29 37.25	Feb. 24 36.28			4 30.84
1797. h^m 1. 55	Apr. 18 17.03	1797. h^m 5. 13	Feb. 25 37.28	May 14 36.26	1797. h^m 14. 6	1797. h^m 15. 34	9 30.77
Jan. 16 45.36	May 15 16.91	Jan. 25 27.98	Mar. 22 37.15	Sep. 4 36.25	Jan. 16 23.99	Feb. 15 16.20	10 30.88
17 45.38	Dec. 6 16.78	29 28.10	Oct. 13 36.83	11 36.27	Feb. 13 24.10	17 16.29	12 30.75
29 45.44	Capella.	Feb. 15 28.19	Dec. 6 36.83	Oct. 13 36.27	14 24.16	July 30 16.48	28 30.84
Feb. 15 45.65		16 27.96		Nov. 10 36.45	15 23.98	Aug. 2 16.36	Oct. 14 30.90
17 45.38		17 28.03	Procyon.		16 24.18	Sep. 5 16.41	18 30.75
18 45.41	1797. h^m 5. 1	18 28.04	1797. h^m 7. 28	Regulus.	Aug. 2 24.17	3 16.49	21 30.79
22 45.47	Feb. 15 43.27	19 28.09	Jan. 29 39.40		3 24.15	5 16.51	Nov. 1 30.79
25 45.43	16 43.00	21 28.17	Feb. 25 39.67	1797. h^m 9. 57	Sep. 10 24.32	Oct. 14 16.66	6 30.63
Mar. 2 45.56	17 43.10	22 28.05	Mar. 21 39.14	Feb. 24 32.30	Oct. 18 24.38	21 16.61	8 30.86
3 45.39	18 43.12	24 28.08	22 39.63	May 14 32.43	21 24.22		10 30.62
Aug. 12 45.30	19 43.10	25 28.13	Apr. 18 39.55	Sep. 8 32.44	Nov. 9 23.95		α Lyræ.
Sep. 9 45.19	21 43.13	3 27.96	May 15 39.68	Oct. 13 32.50	10 24.04		
	22 43.09	15 27.99	16 39.85	Nov. 10 32.32	12 24.05		
α Ceti.	24 43.13	May 16 28.04	July 30 39.90		14 24.02		
	25 43.26	Aug. 5 27.82	Aug. 1 39.59		20 24.09		
1797. h^m 2. 51	Mar. 2 43.01	Nov. 6 28.05	Aug. 1 39.66	β Leonis.			
Jan. 17 40.47	3 42.99		12 39.68	1797. h^m 11. 38	α^1 Libræ.		
29 40.58	21 42.88	α Orionis.	Oct. 13 39.69	Jan. 16 41.28	1797. h^m 14. 39		
Feb. 15 40.70	May 15 42.95		Dec. 6 39.47	Oct. 18 41.55	Feb. 14 28.73		
16 40.65	16 42.96	1797. h^m 5. 44		20 41.74	15 28.56		
17 40.53	Aug. 3 43.03	Jan. 29 10.74	Pollux.	Nov. 10 41.34			
18 40.55	5 42.90	Feb. 15 10.80	1797. h^m 7. 32	12 41.09	α^2 Libræ.		
21 40.65	11 42.74	16 10.57	Jan. 29 52.27		1797. h^m 14. 39		
25 40.71	13 42.81	17 10.79	Feb. 25 52.25		Feb. 14 40.26		
Mar. 2 40.60		18 10.84	Mar. 21 51.76	β Virginis.	15 39.99		
3 40.55	Rigel.	19 10.69	22 52.36				
Sep. 9 40.65	1797. h^m 5. 4	21 10.88	Apr. 18 52.32				
	Jan. 25 46.83	24 10.79	May 15 52.24				
Aldebaran.	29 46.87	25 10.86	16 52.15				
1797. h^m 4. 24	Feb. 15 46.92	Mar. 2 10.89	Aug. 1 52.04		α Coronæ.		
Jan. 16 16.96	16 46.88	3 10.67	5 51.82	1797. h^m 11. 40	1797. h^m 15. 26		
25 16.91	17 46.88	21 10.46	13 52.23	Jan. 16 6.72	Feb. 14 5.75		
29 16.97	18 46.83	Apr. 18 10.86	Sep. 8 52.07	Nov. 10 7.00			
	19 46.94	May 15 10.68	11 52.39	12 6.86			
	21 47.18	Nov. 6 10.69	12 52.05				

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α Lyræ continued.	γ Aquilæ continued.	β Aquilæ continued.	α^1 Capricorni continued.	α^2 Capricorni continued.	α Cygni continued.	α Aquarii continued.	α Pegasi continued.
1797. 18. 30 ^m Nov. 21 3.83 Dec. 6 3.56 10 3.45	1797. 19. 36 ^m Nov. 6 36.07 7 36.13 8 36.16 11 36.07 15 35.99	1797. 19. 45 ^m Oct. 14 20.25 18 20.14 Nov. 1 20.15 6 20.03 7 20.01 8 20.27 10 19.79 11 20.30 13 20.33 15 20.07	1797. 20. 6 ^m Oct. 1 22.81 Nov. 6 22.62 10 22.67 11 22.87 13 22.93 15 22.59	1797. 20. 6 ^m Nov. 13 46.65 15 46.37	1797. 20. 34 ^m Sep. 5 30.50 22 30.78 27 30.74 28 30.64 29 30.82 Oct. 12 30.53 21 30.75 Nov. 1 30.65 6 30.61 10 30.53 13 30.81 21 30.67 Dec. 6 30.31 10 30.20	1797. 21. 55 ^m Dec. 10 20.59 Fomalhaut. 1797. 22. 46 ^m Aug. 9 23.80 Oct. 1 24.01 Nov. 6 23.66 8 24.02 10 23.67 Dec. 6 23.86	1797. 22. 54 ^m Nov. 6 39.06 8 39.32 10 39.09 Dec. 6 39.01 10 38.84 α Andromedæ. 1797. 23. 57 ^m Jan. 17 55.02 25 55.16 29 55.17 Feb. 15 55.09 17 55.21 18 55.22 21 55.32 22 55.11 25 55.28 Mar. 2 55.03 Apr. 18 55.12 Nov. 1 55.33 8 55.09 10 54.99 Dec. 6 54.68 10 54.88
γ Aquilæ.	β Aquilæ.	α^1 Capricorni.	α^2 Capricorni.	α Cygni.	α Aquarii.	α Pegasi.	
1797. 19. 36 ^m Apr. 18 36.33 May 14 35.84 15 36.03 Aug. 5 36.14 14 36.19 Sep. 2 36.06 5 36.09 9 36.07 10 36.17 12 36.18 22 36.11 27 36.19 28 36.11 29 36.25 Oct. 1 36.03 14 36.23 25 36.16 Nov. 1 36.05	1797. 19. 45 ^m May 14 19.99 15 20.03 Aug. 9 20.16 14 20.31 Sep. 2 20.09 4 20.09 5 20.05 9 20.05 10 20.23 12 20.13 22 20.07 27 20.21 28 20.17 29 20.27 Oct. 12 20.07	1797. 20. 6 ^m May 15 22.72 Aug. 5 22.66 14 22.82 Sep. 2 22.75 4 22.80 5 22.87 9 22.85 12 22.89 22 22.84 29 23.05	1797. 20. 6 ^m May 15 46.47 Aug. 5 46.44 14 46.54 Sep. 2 46.55 4 46.50 5 46.45 9 46.55 12 46.67 22 46.54 29 46.75 Oct. 1 46.65 Nov. 6 46.17 10 46.43 11 46.57	1797. 20. 34 ^m Jan. 16 30.85 17 30.85 Feb. 14 30.97 15 30.83 16 30.92 17 30.96 20 30.98 21 30.89 24 30.99 Mar. 1 30.97 2 31.03 20 30.53 Apr. 18 31.05 Aug. 5 30.36 14 30.72 Sep. 2 30.32 4 30.68	1797. 21. 55 ^m Sep. 4 20.65 Oct. 1 20.78 14 21.04 18 20.86 Nov. 7 20.85 Dec. 6 20.66	1797. 22. 54 ^m Jan. 16 39.11 17 39.07 25 39.15 29 39.22 Aug. 9 39.16 Oct. 1 39.25	

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SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1798, for 1798, Jan. 1.Assumed Mean R. A. of α Aquilæ, 1798, Jan. 1 = $19^h. 40^m. 55^s. 19$.

γ Pegasi.	Capella.	α Orionis <i>continued.</i>	Pollux.	Arcturus.	α Serpentis <i>continued.</i>	α Lyræ.	β Aquilæ <i>continued.</i>
1798. h^m o. 2	1798. h^m 5. 1	1798. h^m 5. 44	1798. h^m 7. 32	1798. h^m 14. 6	1798. h^m 15. 34	1798. h^m 18. 30	1798. h^m 19. 45
Aug. 2 50.55	Jan. 5 46.78	Apr. 10 14.09	Feb. 24 55.84	July 25 26.91	Aug. 2 19.25	Jan. 4 5.58	Aug. 12 23.09
Oct. 9 50.54	Feb. 22 47.20	July 30 14.01	26 55.75	29 26.98	16 19.26	Mar. 12 5.55	15 23.09
Nov. 11 50.70	27 47.21	Aug. 8 14.09	27 55.81	Aug. 2 26.75	17 19.34	July 25 5.42	16 23.09
16 50.51	28 47.21	15 13.95	Apr. 8 55.70	11 26.77	20 19.29	28 5.68	17 23.11
18 50.41	Mar. 11 46.94	16 13.74	July 30 55.85	12 26.76	21 19.22	30 5.47	18 22.93
20 50.36	Apr. 9 47.15	17 13.85	Aug. 17 55.66	17 26.81	22 19.34	Aug. 8 5.81	
Dec. 10 50.64	10 47.16	19 13.93	19 55.68	18 26.57	29 19.24	19 5.63	
11 50.63	Aug. 8 47.34		21 55.28	20 26.78	Sep. 4 19.25	20 5.63	
12 50.62	16 46.96		25 55.60	21 26.62		22 5.61	
20 50.18	17 46.88	Sirius.	29 55.56	22 26.79		24 5.55	
	19 47.03		30 55.45	29 26.95	Antares.	25 5.43	
			Oct. 18 55.59	31 26.68		31 5.57	
α Arietis.	Rigel.	1798. h^m 6. 36		Sep. 5 26.81		Sep. 18 5.92	α^1 Capricorni.
1798. h^m 1. 55	1798. h^m 5. 4	July 25 14.79	α Hydræ.	19 26.69	1798. h^m 16. 17	19 5.70	1798. h^m 20. 6
Feb. 22 48.85	Jan. 5 49.58	Aug. 16 14.51		23 26.99	July 25 2.64	23 5.58	July 25 26.03
Aug. 2 48.45	Feb. 22 49.90	17 14.49		25 26.80	29 2.65	Nov. 18 5.57	27 26.10
29 48.79	27 49.92	19 14.41		26 27.05	Aug. 16 2.29	Dec. 10 5.68	Aug. 24 25.96
Sep. 26 48.74	28 49.84			Oct. 13 26.95	17 2.53	11 5.71	25 26.06
Nov. 10 48.43	Mar. 11 49.56	Castor.	1798. h^m 9. 17	Nov. 10 26.80		20 5.74	Sep. 18 25.97
16 48.35	Apr. 9 49.77	1798. h^m 7. 21	Jan. 4 39.31	14 26.82	α Herculis.	24 5.74	
18 48.39	10 49.82	Feb. 24 40.91	Feb. 28 39.19	15 26.73		26 5.86	α^2 Capricorni.
20 48.48	Aug. 8 49.78	26 40.99	Mar. 8 39.08	17 26.37	1798. h^m 17. 5		1798. h^m 20. 6
Dec. 20 48.56	15 49.97	27 41.03		19 26.62	July 25 26.26	γ Aquilæ.	July 25 49.98
26 48.47	16 49.73	28 41.04	Regulus.	21 26.55	29 26.57	1798. h^m 19. 36	27 49.57
	17 49.62	Apr. 8 41.23		Dec. 9 26.65	Aug. 15 26.11	Apr. 7 38.95	Aug. 24 49.78
α Ceti.	β Tauri.	July 30 41.05	1798. h^m 9. 57	α Coronæ Borealis.	16 26.09	8 38.97	25 49.76
1798. h^m 2. 51	1798. h^m 5. 13	Aug. 15 40.75	Jan. 4 35.67		20 26.24	9 38.89	22 49.90
Feb. 22 43.90	Jan. 5 31.37	16 40.54	Apr. 7 35.50	1798. h^m 15. 26	21 25.97	July 25 39.05	25 49.66
28 43.86	Feb. 22 31.76	19 40.87		Jan. 4 7.99	25 26.24	27 38.99	26 49.96
Aug. 5 43.58	27 31.76	25 40.13	β Leonis.	July 25 7.99	Sep. 5 26.20	30 39.01	Oct. 13 49.90
31 43.48	28 31.79	29 40.80		29 8.31		Aug. 5 39.09	
Sep. 26 43.85	Mar. 11 31.56	Sep. 5 40.91		Aug. 2 7.86	α Ophiuchi.	8 38.84	α Cygni.
Nov. 11 43.59	Apr. 9 31.75			5 8.16		11 38.91	
Dec. 20 43.57	10 31.81	Procyon.	1798. h^m 11. 38	12 7.95	1798. h^m 17. 25	12 38.97	1798. h^m 20. 34
	Aug. 8 31.84	1798. h^m 7. 28	July 25 44.31	15 7.98	July 25 33.56	15 38.97	Jan. 5 32.57
	16 31.44	Feb. 24 42.84	Nov. 10 44.37	17 7.94	29 33.63	17 38.97	Feb. 21 32.76
	17 31.49	26 42.66	16 44.43	20 7.88	Aug. 2 33.22	18 38.87	24 32.56
	19 31.57	27 42.76		21 7.91	15 33.39	19 38.83	Mar. 8 32.41
		Apr. 8 42.85	Spica.	22 8.04	16 33.33		12 32.60
		July 30 43.00		Sep. 4 8.05	18 33.12	β Aquilæ.	Apr. 6 32.58
		Aug. 16 42.54			20 33.45		8 32.55
		17 42.76		α Serpentis.	21 33.26	1798. h^m 19. 45	9 32.64
		19 42.58	1798. h^m 13. 14		22 33.68	July 25 23.07	July 27 32.22
		25 42.68	Aug. 17 33.88	1798. h^m 15. 34	25 33.49	27 23.05	Aug. 24 32.35
		29 42.70	Dec. 11 33.89	July 25 19.52	Sep. 5 33.54	30 22.94	25 32.63
		30 42.66		29 19.56	10 33.32	Aug. 5 23.17	31 32.59
		Sep. 5 42.80			18 33.71	8 23.06	Sep. 4 32.57
		Oct. 18 42.61			25 33.40	11 23.95	5 32.80
					26 33.57		10 32.54
							12 32.75

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SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1799, for 1799, Jan. 1.Assumed Mean R. A. of α Aquilæ, 1799, Jan. 1 = $19^h. 40^m. 58^s. 11$.

γ Pegasi.	Capella.	Procyon.	β Leonis.	α^2 Libræ.	α Lyræ.	β Aquilæ continued.	α^2 Capricorni continued.
1799. $0. 2$	1799. $5. 1$	1799. $7. 28$	1799. $11. 38$	1799. $14. 39$	1799. $18. 30$	1799. $19. 45$	1799. $20. 6$
Jan. 15 53.51	Jan. 15 50.99	Jan. 24 46.04	Mar. 18 47.55	Feb. 24 46.95	Mar. 28 7.62	Aug. 13 26.15	Sep. 6 53.16
Sep. 15 53.57	Feb. 25 51.65	Feb. 25 46.07	May 16 47.56		Sep. 7 7.58	Sep. 6 26.09	7 53.26
Oct. 10 53.67	Mar. 2 51.59	Mar. 18 46.04	20 47.55		8 7.39	7 26.07	15 53.10
14 53.63	Apr. 9 51.71	28 45.87	23 47.20	α Coronæ Borealis.	9 7.37	8 25.85	27 53.12
Nov. 7 53.74	May 25 52.10	May 16 45.95	Nov. 19 47.11		27 7.43	9 26.03	Oct. 9 53.23
16 53.80	Aug. 12 51.66	25 46.10	Dec. 18 47.26	1799. $15. 26$	Oct. 2 7.61	13 26.01	10 53.20
20 53.63	Dec. 12 51.43	Aug. 12 45.84		Sep. 8 10.50	9 7.84	15 25.83	11 52.96
27 53.74		Sep. 12 46.22	β Virginis.	Dec. 22 10.33	10 7.76	19 26.05	13 53.48
29 53.62	Rigel.	18 45.97	1799. $11. 40$	α Serpentis.	11 7.58	28 25.89	14 53.24
Dec. 12 53.70		Oct. 2 45.81	Dec. 18 12.99	1799. $15. 34$	13 7.73	29 26.05	15 53.28
28 53.63	1799. $5. 4$	Nov. 16 45.76		Aug. 13 22.53	14 7.62	30 25.98	20 53.10
31 53.64	Jan. 16 53.09		Spica.	Dec. 22 22.03	15 7.76	Oct. 1 25.95	26 53.25
α Arietis.	Feb. 13 52.89	1799. $7. 32$	1799. $13. 14$		27 7.83	2 26.01	27 53.21
1799. $1. 55$	25 52.80	Jan. 15 58.96	May 16 37.06	γ Aquilæ.	Dec. 3 7.64	4 25.89	29 53.19
Jan. 15 51.57	Mar. 2 52.61	24 59.44	20 37.06	1799. $19. 36$	23 7.49	9 26.07	
24 52.20	Apr. 9 52.70	Feb. 25 59.48	Sep. 7 36.99	Aug. 12 41.65		13 26.09	α Cygni.
Oct. 14 52.33		Mar. 18 59.70	Dec. 8 37.00	13 41.97	July 16 41.95	14 26.05	1799. $20. 34$
Dec. 12 52.13	β Tauri.	Aug. 12 59.47		29 41.81	Aug. 12 41.65	15 26.04	Jan. 15 34.33
28 51.86	1799. $5. 13$	Sep. 12 59.62		8 41.51	Sep. 7 41.81	20 25.87	Feb. 11 34.89
31 52.09	Feb. 13 35.54	28 59.20	Arceturus.	9 41.61	8 41.51	26 26.23	13 34.74
α Ceti.	25 35.56	3 59.28	1799. $14. 6$	15 41.61	9 41.61	27 25.92	Mar. 1 34.75
1799. $2. 51$	Mar. 2 35.34	Nov. 16 59.25	Feb. 24 29.56	27 41.63	10 41.79	29 26.08	3 34.88
Jan. 15 46.48	Aug. 12 35.51	α Hydræ.	May 16 29.30	28 41.50	11 41.69	31 25.93	18 34.60
24 46.91	α Orionis.	1799. $9. 17$	20 29.48	α Herculis.	29 41.69		28 34.37
Oct. 15 46.73	1799. $5. 44$	May 16 42.28	23 29.52	1799. $17. 5$	Oct. 1 41.69	α^1 Capricorni.	Apr. 10 34.62
Dec. 12 46.89	Jan. 13 17.38	Sep. 26 42.25	July 16 29.26	May 20 29.01	2 41.75	1799. $20. 6$	May 24 34.88
28 46.82	Mar. 4 17.36	Oct. 25 42.24	Aug. 13 29.68	Aug. 13 29.17	3 41.61	July 16 29.51	Nov. 27 34.51
31 47.00	May 24 17.45	Nov. 19 42.12	Sep. 6 29.53	Sep. 6 28.83	4 41.64	Aug. 12 29.29	Dec. 12 34.57
Aldebaran.		Regulus.	7 29.40	7 28.92	8 41.71	Sep. 6 29.42	23 34.52
1799. $4. 24$	Sirius.	1799. $9. 57$	8 29.49	13 28.90	9 41.63	7 29.52	28 34.63
Jan. 15 23.45	1799. $6. 36$	Jan. 23 38.68	26 29.28	Oct. 2 28.84	10 41.79	15 29.34	31 34.57
24 24.01	May 24 17.24	Mar. 18 38.91	Oct. 3 29.61	α Ophiuchi.	11 41.69	Oct. 9 29.51	
Feb. 13 23.89	Aug. 12 17.08	Apr. 8 38.87	11 29.47	1799. $17. 25$	14 41.63	10 29.46	α Aquarii.
25 23.86		May 16 38.85	15 29.06	May 20 36.24	15 41.61	11 29.36	1799. $21. 55$
Mar. 2 24.04	Castor.	Sep. 18 38.82	26 29.78	July 16 36.47	20 41.65	13 29.63	Oct. 8 26.85
3 24.10	1799. $7. 22$	Oct. 3 39.08	Nov. 6 29.44	Aug. 12 36.19	26 41.85	14 29.33	9 27.01
Apr. 9 23.90	Nov. 16 44.42	13 38.78	19 29.28	13 36.37	27 41.71	15 29.52	11 26.79
Aug. 12 23.73		25 38.89	26 29.46	Oct. 1 36.17	29 41.79	20 29.34	14 26.93
			Dec. 22 29.27	13 36.14	31 41.71	26 29.54	15 27.01
			α^1 Libræ.	19 36.29	Nov. 7 41.82	27 29.43	26 26.93
			1799. $14. 39$	27 36.12	16 41.81		29 27.37
			Feb. 24 35.65	29 36.23	20 41.75	α^2 Capricorni.	Nov. 20 26.89
				Oct. 15 36.28		1799. $20. 6$	27 26.96
					β Aquilæ.	July 16 53.33	29 26.84
					1799. $19. 45$	Aug. 12 53.10	Dec. 12 26.90
					Aug. 12 25.89	13 53.27	19 27.00
							23 26.79
							31 26.91

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AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEAR 1799.

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Fomalhaut.		α Pegasi <i>continued.</i>		α Andromedæ.	
1799.	^h 22. ^m 46	1799.	^h 22. ^m 54	1799.	^h 23. ^m 58
Oct. 11	^s 30. 35	Oct. 9	^s 45. 04	Jan. 15	^s 0. 99
14	30. 62	11	44. 82	Sep. 15	1. 00
27	30. 59	14	45. 11	Oct. 10	1. 14
α Pegasi.		Nov. 7	45. 12	14	1. 14
		16	44. 94	Nov. 7	1. 21
		20	44. 91	16	1. 01
		27	45. 11	20	0. 95
		29	45. 07	27	1. 15
1799.	^h 22. ^m 54	Dec. 12	45. 12	29	1. 14
Oct. 8	^s 45. 04	22	44. 95	Dec. 12	1. 10
		28	45. 12	28	1. 14
		31	45. 07	31	1. 19

SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ.[illegible]

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEAR 1800.

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α^1 Capricorni <i>continued.</i>		α^2 Capricorni <i>continued.</i>		α Cygni <i>continued.</i>		Fomalhaut.	
1800.	^h 20. ^m 6	1800.	^h 20. ^m 6	1800.	^h 20. ^m 34	1800.	^h 22. ^m 46
Oct. 20	32.73	Oct. 20	56.49	Apr. 17	36.81	Oct. 3	33.89
26	32.60	26	56.48	27	36.84	Nov. 26	33.92
31	32.76	31	56.46	Oct. 3	36.60	27	33.83
Nov. 1	32.84	Nov. 1	56.64	20	36.51	Dec. 27	34.02
3	32.79	3	56.55	Nov. 26	36.56	α Pegasi.	
5	32.78	5	56.58	29	36.59	1800.	^h 22. ^m 54
14	32.64	14	56.47	Dec. 3	36.45	Oct. 3	48.07
				25	36.24	Nov. 26	48.07
α^2 Capricorni.		α Cygni.		α Aquarii.		Dec. 3	48.08
1800.	^h 20. ^m 6	1800.	^h 20. ^m 34	1800.	^h 21. ^m 55	25	47.78
Aug. 4	56.48	Jan. 22	36.42	Aug. 5	30.11	27	48.00
5	56.57	24	36.57	Sep. 27	30.11	α Andromedæ.	
29	56.41	29	36.42	Oct. 20	29.88	1800.	^h 23. ^m 58
30	56.40	Feb. 10	36.60	26	30.11	Jan. 22	4.07
Sep. 2	56.46	21	36.60	31	29.97	30	4.20
8	56.50	Mar. 4	36.59	Nov. 14	30.16	31	4.30
12	56.48	5	36.58	21	30.07	Nov. 26	4.26
13	56.56	7	36.46	26	30.03	29	4.24
14	56.56	24	36.37	27	29.98	Dec. 27	4.13
20	56.77	25	36.31	Dec. 25	29.80		
23	56.59	Apr. 2	36.97	27	30.12		
26	56.64	5	36.64				
27	56.77						

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SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R.A. of STARS compared with α AQUILÆ in the Year 1801, for 1801, Jan. 1.Assumed Mean R.A. of α Aquilæ, 1801, Jan. 1 = $19^h.41^m.3^s.94$.

γ Pegasi.	β Tauri.	Pollux <i>continued.</i>	Spica <i>continued.</i>	α Coronæ Borealis <i>continued.</i>	α Ophiuchi <i>continued.</i>	β Aquilæ <i>continued.</i>	α^2 Capricorni <i>continued.</i>
1801. $0^h.2^m$	1801. $5^h.13^m$	1801. $7^h.33^m$	1801. $13^h.14^m$	1801. $15^h.26^m$	1801. $17^h.25^m$	1801. $19^h.45^m$	1801. $20^h.6^m$
Jan. 6 $59^s.80$	Apr. 3 $43^s.17$	Mar. 18 $6^s.99$	Aug. 23 $43^s.37$	Sep. 15 $15^s.96$	Oct. 9 $41^s.80$	Aug. 22 $31^s.64$	Sep. 9 $59^s.88$
Oct. 20 $59^s.88$		21 $6^s.74$	Nov. 28 $43^s.16$	16 $15^s.62$	20 $41^s.84$	23 $31^s.88$	15 $59^s.93$
Nov. 12 $59^s.92$		25 $6^s.89$	Dec. 1 $43^s.17$	Dec. 31 $15^s.61$		24 $31^s.78$	16 $59^s.86$
14 $59^s.75$	Sirius.	Apr. 2 $7^s.07$	2 $43^s.13$			Sep. 7 $31^s.85$	19 $59^s.92$
26 $59^s.84$		3 $6^s.87$	31 $43^s.24$			9 $31^s.86$	1 $59^s.97$
28 $59^s.78$		4 $7^s.04$				15 $31^s.90$	2 $59^s.75$
29 $59^s.79$		5 $6^s.57$				16 $31^s.78$	5 $59^s.79$
Dec. 12 $59^s.70$	1801. $6^h.36^m$	May 2 $6^s.73$	Areturus.	α Serpentis.		19 $31^s.90$	6 $59^s.92$
13 $59^s.93$	Mar. 25 $22^s.52$	Aug. 22 $6^s.80$				25 $31^s.82$	9 $59^s.81$
14 $59^s.84$	Apr. 3 $22^s.69$	Oct. 2 $6^s.67$				Oct. 1 $31^s.86$	11 $59^s.89$
16 $59^s.77$	Oct. 1 $22^s.41$					2 $31^s.75$	13 $59^s.69$
22 $59^s.93$						5 $31^s.80$	20 $59^s.96$
						6 $31^s.98$	Nov. 5 $60^s.08$
						9 $31^s.88$	6 $60^s.14$
						11 $31^s.82$	7 $59^s.87$
						13 $31^s.96$	
						20 $31^s.96$	
						Nov. 5 $31^s.70$	
						6 $31^s.92$	
						7 $31^s.84$	
						14 $31^s.98$	
							α Cygni.
							1801. $20^h.34^m$
							Jan. 17 $38^s.48$
							29 $38^s.55$
							Aug. 22 $38^s.47$
							Sep. 21 $38^s.78$
							Oct. 13 $38^s.51$
							Dec. 12 $38^s.33$
							22 $38^s.07$
							α Aquarii.
							1801. $21^h.55^m$
							Aug. 23 $33^s.10$
							Sep. 19 $33^s.20$
							21 $33^s.06$
							Oct. 20 $33^s.30$
							Nov. 5 $33^s.25$
							6 $33^s.24$
							12 $33^s.22$
							14 $33^s.07$
							26 $33^s.18$
							Dec. 3 $33^s.07$
							12 $32^s.85$
							13 $33^s.18$
							14 $33^s.18$
							Fomalhaut.
							1801. $22^h.46^m$
							Aug. 23 $37^s.18$
							Oct. 20 $37^s.80$

Fomalhaut <i>continued.</i>		α Pegasi.		α Pegasi <i>continued.</i>		α Andromedæ <i>continued.</i>	
1801.	^h ^m 22. 46	1801.	^h ^m 22. 54	1801.	^h ^m 22. 54	1801.	^h ^m 23. 58
Nov. 6	37. 57	Jan. 4	51. 03	Dec. 12	50. 90	Oct. 20	8. 00
12	37. 29	6	50. 97	13	51. 01	Nov. 12	7. 31
14	37. 33	Aug. 23	51. 11	14	51. 14	14	7. 33
26	37. 11	Oct. 20	51. 18	22	51. 17	26	7. 32
Dec. 1	37. 21	Nov. 6	50. 81	α Andromedæ.		27	7. 18
3	37. 20	12	51. 24			29	7. 31
12	37. 04	14	50. 95			Dec. 1	7. 20
13	37. 29	23	51. 08			12	7. 11
14	37. 38	26	51. 09	1801.	^h ^m 23. 58	13	7. 26
		27	50. 99	Jan. 6	7. 39	14	7. 38
		Dec. 2	50. 97			16	7. 37
		3	51. 27			22	7. 38

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SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,SEPARATE RESULTS for MEAN R.A. of STARS compared with α AQUILÆ in the Year 1803, for 1803, Jan. 1.Assumed Mean R.A. of α Aquilæ, 1803, Jan. 1 = $19^h.41^m.10^s.06$.

γ Pegasi.	α Lyræ.	β Aquilæ <i>continued.</i>	α^2 Capricorni <i>continued.</i>	Fomalhaut.
1803. $0. 3$	1803. $18. 30$	1803. $19. 45$	1803. $20. 7$	1803. $22. 46$
Oct. 27 6.08	Oct. 22 16.42	Oct. 24 37.83	Oct. 23 6.82	Oct. 24 44.03
Nov. 25 6.45		27 38.08	24 6.63	Nov. 30 43.73
Dec. 9 6.05		Nov. 2 37.98	27 6.87	Dec. 3 44.40
	γ Aquilæ.	4 38.10	Nov. 2 6.66	9 43.78
		15 38.00	4 6.81	
		18 38.08	18 6.61	
		19 38.02		
α Arietis.				
1803. $1. 56$	1803. $19. 36$			
Nov. 25 5.81	Oct. 22 53.58	α^1 Capricorni.	α Cygni.	α Pegasi.
	23 53.55			
	24 53.23			
	27 53.58			
Spica.	Nov. 2 53.56	1803. $20. 6$	1803. $20. 34$	1803. $22. 54$
	15 53.45			Nov. 25 57.33
1803. $13. 14$	17 53.45	Oct. 22 42.83	Oct. 20 43.08	30 57.27
Nov. 17 49.39	18 53.53	23 42.91	24 42.67	Dec. 3 57.32
Dec. 8 49.64	19 53.59	24 42.83	27 42.93	9 57.16
	25 53.66	27 42.41	Dec. 9 42.99	
	30 53.40	Nov. 2 42.84		
	Dec. 4 53.51	4 43.06		
		18 42.99		
Areturus.			α Aquarii.	α Andromedæ.
1803. $14. 6$	β Aquilæ.	α^2 Capricorni.		
Oct. 24 40.52	1803. $19. 45$		1803. $21. 55$	1803. $23. 58$
Nov. 17 40.70	Oct. 22 38.01	1803. $20. 7$	Oct. 23 39.32	Oct. 27 13.70
25 40.49	23 38.10	Oct. 22 6.85	24 39.43	Nov. 25 13.86
Dec. 8 40.44			Nov. 25 39.90	Dec. 9 13.68

Assumed Mean R. A. of α Aquilæ, 1804, Jan. 1 = $19^{\text{h}}.41^{\text{m}}.12^{\text{s}}.98$.

GREENWICH OBSERVATIONS, 1851.—APPENDIX II.

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SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ,

α^2 Capricorni <i>continued.</i>		α Cygni <i>continued.</i>		α Aquarii <i>continued.</i>		α Pegasi <i>continued.</i>	
1804.	^h 20. ^m 7	1804.	^h 20. ^m 34	1804.	^h 21. ^m 55	1804.	^h 22. ^m 55
Oct. 12	^s 10.01	Feb. 28	^s 44.63	Dec. 12	^s 42.46	Oct. 17	^s 0.28
13	10.07	Apr. 3	45.26	Fomalhaut.		19	0.42
17	10.00	May 1	44.71			23	0.35
19	9.93	Aug. 19	45.10	1804.		Nov. 26	0.27
20	10.15	20	45.07			Dec. 12	0.31
23	10.09	Sep. 20	45.08	1804.		31	0.33
25	10.17	21	45.14			α Andromedæ.	
Nov. 21	10.19	Nov. 21	45.19	Oct. 2	^s 47.24		
22	9.95	22	45.11	17	47.36	1804.	^h 23. ^m 58
α Cygni.		α Aquarii.		Dec. 31	47.12	Sep. 25	^s 16.72
1804.		1804.		α Pegasi.		29	17.06
				1804.		Oct. 5	16.97
Feb. 2	^s 44.49	Aug. 20	^s 42.63			9	16.91
5	44.44	Oct. 19	42.69	Sep. 26	^s 0.36	12	16.81
9	44.43	20	42.56	29	0.36	17	16.91
13	44.46	Dec. 3	42.44	Oct. 2	0.11	19	16.99
						Nov. 22	16.92
						26	16.79

SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1805, for 1805, Jan. 1.

Assumed Mean R. A. of α Aquilæ, 1805, Jan. 1 = $19^{\text{h}}.41^{\text{m}}.15^{\text{s}}.91$.

γ Pegasi.	Rigel.	Sirius <i>continued.</i>	Procyon <i>continued.</i>	α Hydræ.	Spica <i>continued.</i>	α Serpentis. <i>continued.</i>	α Lyræ <i>continued.</i>
1805. $\begin{smallmatrix} h & m \\ o. & 3 \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 5. & 5 \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 6. & 36 \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 7. & 29 \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 9. & 17 \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 13. & 14 \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 15. & 34 \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 18. & 30 \end{smallmatrix}$
Jan. 8 $\begin{smallmatrix} h & m \\ 12^{\circ} & 05' \end{smallmatrix}$	Feb. 16 $\begin{smallmatrix} h & m \\ 10^{\circ} & 12' \end{smallmatrix}$	Mar. 24 $\begin{smallmatrix} h & m \\ 33^{\circ} & 05' \end{smallmatrix}$	Mar. 24 $\begin{smallmatrix} h & m \\ 5^{\circ} & 05' \end{smallmatrix}$	Sep. 9 $\begin{smallmatrix} h & m \\ 60^{\circ} & 24' \end{smallmatrix}$	Oct. 4 $\begin{smallmatrix} h & m \\ 56^{\circ} & 85' \end{smallmatrix}$	Aug. 18 $\begin{smallmatrix} h & m \\ 40^{\circ} & 09' \end{smallmatrix}$	Apr. 19 $\begin{smallmatrix} h & m \\ 20^{\circ} & 29' \end{smallmatrix}$
Oct. 7 $\begin{smallmatrix} h & m \\ 12^{\circ} & 34' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 10^{\circ} & 02' \end{smallmatrix}$	25 $\begin{smallmatrix} h & m \\ 32^{\circ} & 81' \end{smallmatrix}$	25 $\begin{smallmatrix} h & m \\ 4^{\circ} & 96' \end{smallmatrix}$	Oct. 2 $\begin{smallmatrix} h & m \\ 59^{\circ} & 97' \end{smallmatrix}$	5 $\begin{smallmatrix} h & m \\ 56^{\circ} & 95' \end{smallmatrix}$	Oct. 3 $\begin{smallmatrix} h & m \\ 39^{\circ} & 97' \end{smallmatrix}$	Aug. 10 $\begin{smallmatrix} h & m \\ 20^{\circ} & 21' \end{smallmatrix}$
Nov. 2 $\begin{smallmatrix} h & m \\ 12^{\circ} & 30' \end{smallmatrix}$	25 $\begin{smallmatrix} h & m \\ 9^{\circ} & 90' \end{smallmatrix}$	26 $\begin{smallmatrix} h & m \\ 32^{\circ} & 85' \end{smallmatrix}$	26 $\begin{smallmatrix} h & m \\ 5^{\circ} & 07' \end{smallmatrix}$	3 $\begin{smallmatrix} h & m \\ 60^{\circ} & 09' \end{smallmatrix}$	Nov. 3 $\begin{smallmatrix} h & m \\ 55^{\circ} & 78' \end{smallmatrix}$	4 $\begin{smallmatrix} h & m \\ 40^{\circ} & 34' \end{smallmatrix}$	29 $\begin{smallmatrix} h & m \\ 20^{\circ} & 12' \end{smallmatrix}$
3 $\begin{smallmatrix} h & m \\ 12^{\circ} & 31' \end{smallmatrix}$	Mar. 11 $\begin{smallmatrix} h & m \\ 10^{\circ} & 02' \end{smallmatrix}$	Aug. 11 $\begin{smallmatrix} h & m \\ 33^{\circ} & 06' \end{smallmatrix}$	Aug. 11 $\begin{smallmatrix} h & m \\ 5^{\circ} & 03' \end{smallmatrix}$	4 $\begin{smallmatrix} h & m \\ 59^{\circ} & 94' \end{smallmatrix}$	17 $\begin{smallmatrix} h & m \\ 56^{\circ} & 08' \end{smallmatrix}$	5 $\begin{smallmatrix} h & m \\ 40^{\circ} & 25' \end{smallmatrix}$	30 $\begin{smallmatrix} h & m \\ 20^{\circ} & 05' \end{smallmatrix}$
4 $\begin{smallmatrix} h & m \\ 12^{\circ} & 13' \end{smallmatrix}$	23 $\begin{smallmatrix} h & m \\ 10^{\circ} & 07' \end{smallmatrix}$	Sep. 9 $\begin{smallmatrix} h & m \\ 33^{\circ} & 01' \end{smallmatrix}$	Sep. 8 $\begin{smallmatrix} h & m \\ 5^{\circ} & 04' \end{smallmatrix}$	5 $\begin{smallmatrix} h & m \\ 59^{\circ} & 89' \end{smallmatrix}$	Dec. 10 $\begin{smallmatrix} h & m \\ 56^{\circ} & 29' \end{smallmatrix}$	Dec. 15 $\begin{smallmatrix} h & m \\ 40^{\circ} & 18' \end{smallmatrix}$	Sep. 6 $\begin{smallmatrix} h & m \\ 20^{\circ} & 02' \end{smallmatrix}$
5 $\begin{smallmatrix} h & m \\ 12^{\circ} & 61' \end{smallmatrix}$	24 $\begin{smallmatrix} h & m \\ 10^{\circ} & 10' \end{smallmatrix}$	12 $\begin{smallmatrix} h & m \\ 33^{\circ} & 13' \end{smallmatrix}$	9 $\begin{smallmatrix} h & m \\ 5^{\circ} & 05' \end{smallmatrix}$	6 $\begin{smallmatrix} h & m \\ 59^{\circ} & 91' \end{smallmatrix}$			12 $\begin{smallmatrix} h & m \\ 20^{\circ} & 12' \end{smallmatrix}$
17 $\begin{smallmatrix} h & m \\ 12^{\circ} & 49' \end{smallmatrix}$	26 $\begin{smallmatrix} h & m \\ 10^{\circ} & 13' \end{smallmatrix}$	13 $\begin{smallmatrix} h & m \\ 33^{\circ} & 24' \end{smallmatrix}$	12 $\begin{smallmatrix} h & m \\ 5^{\circ} & 10' \end{smallmatrix}$	10 $\begin{smallmatrix} h & m \\ 60^{\circ} & 06' \end{smallmatrix}$			28 $\begin{smallmatrix} h & m \\ 20^{\circ} & 11' \end{smallmatrix}$
18 $\begin{smallmatrix} h & m \\ 12^{\circ} & 40' \end{smallmatrix}$	Sep. 12 $\begin{smallmatrix} h & m \\ 10^{\circ} & 09' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 32^{\circ} & 90' \end{smallmatrix}$	13 $\begin{smallmatrix} h & m \\ 5^{\circ} & 45' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 60^{\circ} & 37' \end{smallmatrix}$			Oct. 2 $\begin{smallmatrix} h & m \\ 20^{\circ} & 02' \end{smallmatrix}$
23 $\begin{smallmatrix} h & m \\ 12^{\circ} & 47' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 10^{\circ} & 10' \end{smallmatrix}$	Oct. 2 $\begin{smallmatrix} h & m \\ 33^{\circ} & 07' \end{smallmatrix}$	14 $\begin{smallmatrix} h & m \\ 5^{\circ} & 02' \end{smallmatrix}$		Arcturus.	Antares.	4 $\begin{smallmatrix} h & m \\ 20^{\circ} & 31' \end{smallmatrix}$
Dec. 2 $\begin{smallmatrix} h & m \\ 12^{\circ} & 24' \end{smallmatrix}$	Oct. 4 $\begin{smallmatrix} h & m \\ 10^{\circ} & 18' \end{smallmatrix}$	3 $\begin{smallmatrix} h & m \\ 33^{\circ} & 05' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 4^{\circ} & 95' \end{smallmatrix}$				5 $\begin{smallmatrix} h & m \\ 20^{\circ} & 02' \end{smallmatrix}$
5 $\begin{smallmatrix} h & m \\ 12^{\circ} & 47' \end{smallmatrix}$		4 $\begin{smallmatrix} h & m \\ 33^{\circ} & 22' \end{smallmatrix}$	19 $\begin{smallmatrix} h & m \\ 5^{\circ} & 17' \end{smallmatrix}$				30 $\begin{smallmatrix} h & m \\ 20^{\circ} & 22' \end{smallmatrix}$
11 $\begin{smallmatrix} h & m \\ 12^{\circ} & 43' \end{smallmatrix}$	β Tauri.	5 $\begin{smallmatrix} h & m \\ 33^{\circ} & 20' \end{smallmatrix}$	21 $\begin{smallmatrix} h & m \\ 4^{\circ} & 85' \end{smallmatrix}$	Regulus.	1805. $\begin{smallmatrix} h & m \\ 14. & 6 \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 16. & 17 \end{smallmatrix}$	Nov. 3 $\begin{smallmatrix} h & m \\ 20^{\circ} & 23' \end{smallmatrix}$
22 $\begin{smallmatrix} h & m \\ 12^{\circ} & 33' \end{smallmatrix}$		6 $\begin{smallmatrix} h & m \\ 33^{\circ} & 04' \end{smallmatrix}$	Oct. 2 $\begin{smallmatrix} h & m \\ 4^{\circ} & 89' \end{smallmatrix}$		Feb. 18 $\begin{smallmatrix} h & m \\ 46^{\circ} & 11' \end{smallmatrix}$	Sep. 2 $\begin{smallmatrix} h & m \\ 27^{\circ} & 92' \end{smallmatrix}$	4 $\begin{smallmatrix} h & m \\ 19^{\circ} & 89' \end{smallmatrix}$
27 $\begin{smallmatrix} h & m \\ 12^{\circ} & 11' \end{smallmatrix}$			3 $\begin{smallmatrix} h & m \\ 5^{\circ} & 05' \end{smallmatrix}$		Aug. 10 $\begin{smallmatrix} h & m \\ 46^{\circ} & 03' \end{smallmatrix}$		18 $\begin{smallmatrix} h & m \\ 20^{\circ} & 30' \end{smallmatrix}$
α Arietis.	1805. $\begin{smallmatrix} h & m \\ 5. & 13 \end{smallmatrix}$	Castor.	4 $\begin{smallmatrix} h & m \\ 5^{\circ} & 30' \end{smallmatrix}$		Sep. 15 $\begin{smallmatrix} h & m \\ 46^{\circ} & 14' \end{smallmatrix}$	α Herculis.	21 $\begin{smallmatrix} h & m \\ 20^{\circ} & 02' \end{smallmatrix}$
1805. $\begin{smallmatrix} h & m \\ 1. & 56 \end{smallmatrix}$	Feb. 16 $\begin{smallmatrix} h & m \\ 58^{\circ} & 25' \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 7. & 22 \end{smallmatrix}$	5 $\begin{smallmatrix} h & m \\ 5^{\circ} & 08' \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 9. & 57 \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 45^{\circ} & 78' \end{smallmatrix}$		Dec. 2 $\begin{smallmatrix} h & m \\ 20^{\circ} & 02' \end{smallmatrix}$
Jan. 8 $\begin{smallmatrix} h & m \\ 12^{\circ} & 23' \end{smallmatrix}$	19 $\begin{smallmatrix} h & m \\ 58^{\circ} & 30' \end{smallmatrix}$	Feb. 25 $\begin{smallmatrix} h & m \\ 7^{\circ} & 96' \end{smallmatrix}$	6 $\begin{smallmatrix} h & m \\ 4^{\circ} & 92' \end{smallmatrix}$	Sep. 28 $\begin{smallmatrix} h & m \\ 58^{\circ} & 22' \end{smallmatrix}$	24 $\begin{smallmatrix} h & m \\ 46^{\circ} & 29' \end{smallmatrix}$	Aug. 10 $\begin{smallmatrix} h & m \\ 45^{\circ} & 54' \end{smallmatrix}$	15 $\begin{smallmatrix} h & m \\ 20^{\circ} & 36' \end{smallmatrix}$
Dec. 2 $\begin{smallmatrix} h & m \\ 12^{\circ} & 23' \end{smallmatrix}$	25 $\begin{smallmatrix} h & m \\ 58^{\circ} & 13' \end{smallmatrix}$	Mar. 5 $\begin{smallmatrix} h & m \\ 8^{\circ} & 34' \end{smallmatrix}$	11 $\begin{smallmatrix} h & m \\ 4^{\circ} & 88' \end{smallmatrix}$	Oct. 3 $\begin{smallmatrix} h & m \\ 58^{\circ} & 35' \end{smallmatrix}$	27 $\begin{smallmatrix} h & m \\ 46^{\circ} & 15' \end{smallmatrix}$	11 $\begin{smallmatrix} h & m \\ 45^{\circ} & 61' \end{smallmatrix}$	22 $\begin{smallmatrix} h & m \\ 20^{\circ} & 11' \end{smallmatrix}$
5 $\begin{smallmatrix} h & m \\ 12^{\circ} & 49' \end{smallmatrix}$	Mar. 5 $\begin{smallmatrix} h & m \\ 58^{\circ} & 46' \end{smallmatrix}$	10 $\begin{smallmatrix} h & m \\ 7^{\circ} & 85' \end{smallmatrix}$	30 $\begin{smallmatrix} h & m \\ 5^{\circ} & 32' \end{smallmatrix}$	4 $\begin{smallmatrix} h & m \\ 58^{\circ} & 01' \end{smallmatrix}$	3 $\begin{smallmatrix} h & m \\ 46^{\circ} & 02' \end{smallmatrix}$	17 $\begin{smallmatrix} h & m \\ 45^{\circ} & 55' \end{smallmatrix}$	γ Aquilæ.
27 $\begin{smallmatrix} h & m \\ 12^{\circ} & 25' \end{smallmatrix}$	23 $\begin{smallmatrix} h & m \\ 58^{\circ} & 50' \end{smallmatrix}$	11 $\begin{smallmatrix} h & m \\ 7^{\circ} & 98' \end{smallmatrix}$	31 $\begin{smallmatrix} h & m \\ 5^{\circ} & 21' \end{smallmatrix}$	5 $\begin{smallmatrix} h & m \\ 58^{\circ} & 05' \end{smallmatrix}$	4 $\begin{smallmatrix} h & m \\ 46^{\circ} & 23' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 45^{\circ} & 50' \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 19. & 36 \end{smallmatrix}$
α Ceti.	Sep. 12 $\begin{smallmatrix} h & m \\ 58^{\circ} & 41' \end{smallmatrix}$	Aug. 11 $\begin{smallmatrix} h & m \\ 7^{\circ} & 93' \end{smallmatrix}$	Pollux.	6 $\begin{smallmatrix} h & m \\ 58^{\circ} & 22' \end{smallmatrix}$	5 $\begin{smallmatrix} h & m \\ 46^{\circ} & 17' \end{smallmatrix}$	Sep. 17 $\begin{smallmatrix} h & m \\ 45^{\circ} & 50' \end{smallmatrix}$	Mar. 22 $\begin{smallmatrix} h & m \\ 59^{\circ} & 17' \end{smallmatrix}$
1805. $\begin{smallmatrix} h & m \\ 2. & 52 \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 58^{\circ} & 25' \end{smallmatrix}$	Sep. 3 $\begin{smallmatrix} h & m \\ (7^{\circ} & 15')$	1805. $\begin{smallmatrix} h & m \\ 7. & 33 \end{smallmatrix}$	10 $\begin{smallmatrix} h & m \\ 58^{\circ} & 26' \end{smallmatrix}$	6 $\begin{smallmatrix} h & m \\ 46^{\circ} & 03' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 45^{\circ} & 30' \end{smallmatrix}$	23 $\begin{smallmatrix} h & m \\ 59^{\circ} & 37' \end{smallmatrix}$
Dec. 5 $\begin{smallmatrix} h & m \\ 5^{\circ} & 79' \end{smallmatrix}$	Oct. 4 $\begin{smallmatrix} h & m \\ 58^{\circ} & 31' \end{smallmatrix}$	8 $\begin{smallmatrix} h & m \\ 7^{\circ} & 90' \end{smallmatrix}$	Feb. 16 $\begin{smallmatrix} h & m \\ 21^{\circ} & 66' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 58^{\circ} & 62' \end{smallmatrix}$	11 $\begin{smallmatrix} h & m \\ 46^{\circ} & 10' \end{smallmatrix}$	24 $\begin{smallmatrix} h & m \\ 45^{\circ} & 64' \end{smallmatrix}$	Apr. 20 $\begin{smallmatrix} h & m \\ 59^{\circ} & 17' \end{smallmatrix}$
27 $\begin{smallmatrix} h & m \\ 5^{\circ} & 79' \end{smallmatrix}$	5 $\begin{smallmatrix} h & m \\ 58^{\circ} & 31' \end{smallmatrix}$	9 $\begin{smallmatrix} h & m \\ 8^{\circ} & 01' \end{smallmatrix}$	17 $\begin{smallmatrix} h & m \\ 21^{\circ} & 65' \end{smallmatrix}$	Dec. 10 $\begin{smallmatrix} h & m \\ 58^{\circ} & 27' \end{smallmatrix}$	21 $\begin{smallmatrix} h & m \\ 46^{\circ} & 21' \end{smallmatrix}$	6 $\begin{smallmatrix} h & m \\ 45^{\circ} & 45' \end{smallmatrix}$	Aug. 10 $\begin{smallmatrix} h & m \\ 59^{\circ} & 21' \end{smallmatrix}$
α Orionis.	1805. $\begin{smallmatrix} h & m \\ 5. & 44 \end{smallmatrix}$	12 $\begin{smallmatrix} h & m \\ 8^{\circ} & 04' \end{smallmatrix}$	β Leonis.	14 $\begin{smallmatrix} h & m \\ 7^{\circ} & 97' \end{smallmatrix}$	22 $\begin{smallmatrix} h & m \\ 46^{\circ} & 16' \end{smallmatrix}$		11 $\begin{smallmatrix} h & m \\ 59^{\circ} & 15' \end{smallmatrix}$
1805. $\begin{smallmatrix} h & m \\ 2. & 52 \end{smallmatrix}$	Feb. 19 $\begin{smallmatrix} h & m \\ 36^{\circ} & 86' \end{smallmatrix}$	13 $\begin{smallmatrix} h & m \\ 8^{\circ} & 24' \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 11. & 39 \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 7^{\circ} & 91' \end{smallmatrix}$	22 $\begin{smallmatrix} h & m \\ 46^{\circ} & 16' \end{smallmatrix}$	α Ophiuchi.	17 $\begin{smallmatrix} h & m \\ 59^{\circ} & 21' \end{smallmatrix}$
Dec. 5 $\begin{smallmatrix} h & m \\ 5^{\circ} & 79' \end{smallmatrix}$	Mar. 5 $\begin{smallmatrix} h & m \\ 36^{\circ} & 85' \end{smallmatrix}$	14 $\begin{smallmatrix} h & m \\ 7^{\circ} & 97' \end{smallmatrix}$	Nov. 17 $\begin{smallmatrix} h & m \\ 6^{\circ} & 30' \end{smallmatrix}$	19 $\begin{smallmatrix} h & m \\ 7^{\circ} & 91' \end{smallmatrix}$	Dec. 4 $\begin{smallmatrix} h & m \\ 45^{\circ} & 93' \end{smallmatrix}$		29 $\begin{smallmatrix} h & m \\ 59^{\circ} & 12' \end{smallmatrix}$
27 $\begin{smallmatrix} h & m \\ 5^{\circ} & 79' \end{smallmatrix}$	10 $\begin{smallmatrix} h & m \\ 36^{\circ} & 82' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 7^{\circ} & 91' \end{smallmatrix}$	Dec. 10 $\begin{smallmatrix} h & m \\ 6^{\circ} & 10' \end{smallmatrix}$	25 $\begin{smallmatrix} h & m \\ 21^{\circ} & 62' \end{smallmatrix}$	12 $\begin{smallmatrix} h & m \\ 46^{\circ} & 02' \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 17. & 25 \end{smallmatrix}$	30 $\begin{smallmatrix} h & m \\ 59^{\circ} & 18' \end{smallmatrix}$
Aldebaran.	1805. $\begin{smallmatrix} h & m \\ 5. & 44 \end{smallmatrix}$	19 $\begin{smallmatrix} h & m \\ 7^{\circ} & 97' \end{smallmatrix}$	β Virginis.	21 $\begin{smallmatrix} h & m \\ 21^{\circ} & 97' \end{smallmatrix}$	15 $\begin{smallmatrix} h & m \\ 46^{\circ} & 09' \end{smallmatrix}$	Feb. 20 $\begin{smallmatrix} h & m \\ 53^{\circ} & 03' \end{smallmatrix}$	Sep. 2 $\begin{smallmatrix} h & m \\ 59^{\circ} & 05' \end{smallmatrix}$
1805. $\begin{smallmatrix} h & m \\ 4. & 24 \end{smallmatrix}$	Feb. 19 $\begin{smallmatrix} h & m \\ 36^{\circ} & 86' \end{smallmatrix}$	21 $\begin{smallmatrix} h & m \\ 7^{\circ} & 90' \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 11. & 40 \end{smallmatrix}$	6 $\begin{smallmatrix} h & m \\ 21^{\circ} & 89' \end{smallmatrix}$		Aug. 11 $\begin{smallmatrix} h & m \\ 53^{\circ} & 18' \end{smallmatrix}$	7 $\begin{smallmatrix} h & m \\ 58^{\circ} & 96' \end{smallmatrix}$
Mar. 24 $\begin{smallmatrix} h & m \\ 44^{\circ} & 71' \end{smallmatrix}$	Mar. 5 $\begin{smallmatrix} h & m \\ 36^{\circ} & 85' \end{smallmatrix}$	22 $\begin{smallmatrix} h & m \\ 7^{\circ} & 98' \end{smallmatrix}$	Nov. 17 $\begin{smallmatrix} h & m \\ 31^{\circ} & 86' \end{smallmatrix}$	11 $\begin{smallmatrix} h & m \\ 21^{\circ} & 77' \end{smallmatrix}$	α Coronæ Borealis.	17 $\begin{smallmatrix} h & m \\ 53^{\circ} & 07' \end{smallmatrix}$	8 $\begin{smallmatrix} h & m \\ 59^{\circ} & 04' \end{smallmatrix}$
25 $\begin{smallmatrix} h & m \\ 44^{\circ} & 42' \end{smallmatrix}$	10 $\begin{smallmatrix} h & m \\ 36^{\circ} & 82' \end{smallmatrix}$	23 $\begin{smallmatrix} h & m \\ 7^{\circ} & 98' \end{smallmatrix}$	Dec. 10 $\begin{smallmatrix} h & m \\ 6^{\circ} & 10' \end{smallmatrix}$	22 $\begin{smallmatrix} h & m \\ 21^{\circ} & 92' \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 15. & 26 \end{smallmatrix}$	Sep. 6 $\begin{smallmatrix} h & m \\ 53^{\circ} & 04' \end{smallmatrix}$	9 $\begin{smallmatrix} h & m \\ 59^{\circ} & 03' \end{smallmatrix}$
Sep. 12 $\begin{smallmatrix} h & m \\ 44^{\circ} & 55' \end{smallmatrix}$	23 $\begin{smallmatrix} h & m \\ 36^{\circ} & 91' \end{smallmatrix}$	24 $\begin{smallmatrix} h & m \\ 21^{\circ} & 83' \end{smallmatrix}$		23 $\begin{smallmatrix} h & m \\ 21^{\circ} & 92' \end{smallmatrix}$	Feb. 19 $\begin{smallmatrix} h & m \\ 25^{\circ} & 73' \end{smallmatrix}$	17 $\begin{smallmatrix} h & m \\ 53^{\circ} & 04' \end{smallmatrix}$	12 $\begin{smallmatrix} h & m \\ 59^{\circ} & 17' \end{smallmatrix}$
Oct. 11 $\begin{smallmatrix} h & m \\ 44^{\circ} & 30' \end{smallmatrix}$	Aug. 11 $\begin{smallmatrix} h & m \\ 36^{\circ} & 82' \end{smallmatrix}$	25 $\begin{smallmatrix} h & m \\ 21^{\circ} & 71' \end{smallmatrix}$	β Virginis.	26 $\begin{smallmatrix} h & m \\ 21^{\circ} & 95' \end{smallmatrix}$	Aug. 11 $\begin{smallmatrix} h & m \\ 25^{\circ} & 94' \end{smallmatrix}$	16 $\begin{smallmatrix} h & m \\ 53^{\circ} & 04' \end{smallmatrix}$	13 $\begin{smallmatrix} h & m \\ 59^{\circ} & 25' \end{smallmatrix}$
Dec. 5 $\begin{smallmatrix} h & m \\ 44^{\circ} & 52' \end{smallmatrix}$	Sep. 12 $\begin{smallmatrix} h & m \\ 36^{\circ} & 94' \end{smallmatrix}$	26 $\begin{smallmatrix} h & m \\ 21^{\circ} & 95' \end{smallmatrix}$	1805. $\begin{smallmatrix} h & m \\ 11. & 40 \end{smallmatrix}$	26 $\begin{smallmatrix} h & m \\ 21^{\circ} & 95' \end{smallmatrix}$	Sep. 17 $\begin{smallmatrix} h & m \\ 25^{\circ} & 96' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 52^{\circ} & 94' \end{smallmatrix}$	15 $\begin{smallmatrix} h & m \\ 59^{\circ} & 15' \end{smallmatrix}$
Capella.	Oct. 4 $\begin{smallmatrix} h & m \\ 37^{\circ} & 07' \end{smallmatrix}$	Apr. 20 $\begin{smallmatrix} h & m \\ 22^{\circ} & 00' \end{smallmatrix}$	Nov. 17 $\begin{smallmatrix} h & m \\ 31^{\circ} & 86' \end{smallmatrix}$	27 $\begin{smallmatrix} h & m \\ 21^{\circ} & 69' \end{smallmatrix}$	27 $\begin{smallmatrix} h & m \\ 25^{\circ} & 97' \end{smallmatrix}$	24 $\begin{smallmatrix} h & m \\ 53^{\circ} & 14' \end{smallmatrix}$	17 $\begin{smallmatrix} h & m \\ 59^{\circ} & 19' \end{smallmatrix}$
1805. $\begin{smallmatrix} h & m \\ 5. & 2 \end{smallmatrix}$	Oct. 4 $\begin{smallmatrix} h & m \\ 36^{\circ} & 94' \end{smallmatrix}$	Aug. 11 $\begin{smallmatrix} h & m \\ 21^{\circ} & 73' \end{smallmatrix}$	Dec. 10 $\begin{smallmatrix} h & m \\ 32^{\circ} & 00' \end{smallmatrix}$	9 $\begin{smallmatrix} h & m \\ 21^{\circ} & 66' \end{smallmatrix}$	Oct. 3 $\begin{smallmatrix} h & m \\ 25^{\circ} & 81' \end{smallmatrix}$	Oct. 2 $\begin{smallmatrix} h & m \\ 52^{\circ} & 96' \end{smallmatrix}$	18 $\begin{smallmatrix} h & m \\ 59^{\circ} & 08' \end{smallmatrix}$
Mar. 11 $\begin{smallmatrix} h & m \\ 18^{\circ} & 11' \end{smallmatrix}$	5 $\begin{smallmatrix} h & m \\ 36^{\circ} & 94' \end{smallmatrix}$	Sep. 8 $\begin{smallmatrix} h & m \\ 21^{\circ} & 69' \end{smallmatrix}$		12 $\begin{smallmatrix} h & m \\ 21^{\circ} & 81' \end{smallmatrix}$	4 $\begin{smallmatrix} h & m \\ 26^{\circ} & 15' \end{smallmatrix}$	3 $\begin{smallmatrix} h & m \\ 53^{\circ} & 21' \end{smallmatrix}$	21 $\begin{smallmatrix}$

$[H] \approx$

{lx}

SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,

γ Aquilæ continued.	β Aquilæ continued.	α^1 Capricorni continued.	α^2 Capricorni.	α^2 Capricorni continued.	α Cygni continued.	Fomalhaut.	α Pegasi continued.
1805. 19. 36	1805. 19. 45	1805. 20. 6	1805. 20. 7	1805. 20. 7	1805. 20. 34	1805. 22. 46	1805. 22. 55
Nov. 14 59. 26	Sep. 27 43. 82	Sep. 9 49. 59	Aug. 10 13. 40	Nov. 23 13. 34	Nov. 21 46. 90	Oct. 6 50. 52	Nov. 18 3. 27
17 59. 21	28 43. 87	14 49. 64	11 13. 46		22 47. 28	31 50. 73	22 3. 31
18 59. 21	Oct. 5 43. 80	18 49. 47	Sep. 7 13. 29	α Cygni.		Nov. 2 50. 65	23 3. 28
Dec. 5 59. 25	18 43. 84	24 49. 68	8 13. 34		Dec. 2 46. 94	4 50. 54	Dec. 2 3. 04
	19 43. 99	27 49. 47	9 13. 39		11 47. 24	5 50. 85	5 3. 23
	23 43. 73	29 49. 64	15 13. 40		13 47. 05	18 50. 67	11 3. 17
β Aquilæ.	30 43. 92	Oct. 2 49. 46	18 13. 29		22 47. 04	23 50. 70	27 3. 07
	31 43. 92	3 49. 55	24 13. 50		27 47. 06	Dec. 2 50. 54	
1805. 19. 45	Nov. 2 43. 83	4 49. 77	27 13. 33			5 50. 74	α Andromedæ.
Mar. 22 43. 98	3 43. 94	5 49. 60	28 13. 40			11 50. 66	
23 43. 97	4 43. 61	6 49. 50	Oct. 2 13. 30		α Aquarii.		
Aug. 10 43. 91	5 44. 04	7 49. 52	3 13. 39		1805. 21 55		
11 43. 87	14 43. 79	11 49. 66	4 13. 45		Sep. 8 45. 55	α Pegasi.	
17 44. 13	17 43. 91	18 49. 60	5 13. 42		Oct. 4 45. 92		1805. 23. 58
29 43. 88	18 43. 97	19 49. 82	6 13. 18		Sep. 6 47. 09		Jan. 8 19. 65
30 43. 91	21 43. 69	22 49. 68	7 13. 36		8 46. 92		Oct. 7 19. 82
Sep. 6 43. 83	22 43. 89	30 49. 54	11 13. 38		Oct. 2 47. 01		Nov. 2 19. 73
7 43. 76	23 43. 91	31 49. 68	18 13. 26		3 47. 10		3 19. 83
8 43. 62		Nov. 2 49. 50	19 13. 48		4 47. 30		4 19. 56
9 43. 79	α^1 Capricorni.		22 13. 10		5 47. 05		5 20. 09
12 43. 99		3 49. 63	30 13. 40		6 46. 98		17 19. 86
13 44. 05		4 49. 50	31 13. 56		11 47. 11		18 19. 87
15 43. 93		5 49. 67	Nov. 2 13. 26		18 46. 97		23 19. 87
17 43. 89		17 49. 69	3 13. 43		31 47. 19		Dec. 2 19. 71
18 43. 87		18 49. 71	4 13. 00		Nov. 2 47. 14		5 19. 95
19 43. 86	1805. 20. 6	21 49. 32	5 13. 51		3 47. 03		11 19. 87
21 43. 83	Aug. 10 49. 58	22 49. 55	17 13. 37		4 46. 88		22 19. 83
24 44. 01	Sep. 7 49. 43	23 49. 68	21 13. 24		5 47. 25		27 19. 59
	8 49. 54		22 13. 41		18 47. 22		

SEPARATE RESULTS for MEAN R. A. of STARS compared with α AQUILÆ in the Year 1805, for 1806, Jan. 1.Assumed Mean R. A. of α Aquilæ, 1806, Jan. 1 = $19^h.41^m.18^s.83$.

γ Pegasi.	Rigel.	Procyon continued.	β Leonis continued.	α Serpentis continued.	α Lyræ continued.	β Aquilæ continued.	α^2 Capricorni.
1806. 0. 3	1806. 5. 5	1806. 7. 29	1806. 11. 39	1806. 15. 34	1806. 18. 30	1806. 19. 45	1806. 20. 7
Jan. 25 15.39	Jan. 2 12.08	Mar. 11 8.63	Oct. 22 9.32	Sep. 6 42.65	Aug. 22 22.10	Aug. 19 46.80	Sep. 6 16.58
Aug. 30 15.37	25 12.51	13 8.35	Nov. 6 9.09	13 43.15	31 22.00	22 46.96	18 16.83
31 15.25	Feb. 13 13.21	May 8 8.30		25 43.02	Sep. 5 22.50	24 46.86	22 16.73
Sep. 27 15.46	May 7 13.16	Aug. 24 8.24	β Virginis.		11 22.25	27 46.80	24 16.77
Oct. 24 15.33		30 8.24		α Herculis.	17 22.13	28 46.94	25 16.74
26 15.32	β Tauri.	Sep. 4 8.39			22 22.13	30 46.76	27 16.73
27 15.49		5 8.34			30 22.68	Sep. 1 46.98	30 16.87
Nov. 6 15.65		6 8.10	1806. 11. 40	1806. 17. 5	Oct. 1 22.19	2 46.79	Oct. 1 16.84
7 15.55	1806. 5. 14	25 8.40	May 7 35.41	Aug. 14 48.24	2 22.27	6 46.69	11 16.69
22 15.45	Jan. 2 2.01	Oct. 1 8.32		18 48.23	17 22.28	11 46.73	12 16.89
26 15.44	25 2.39	Dec. 26 8.34		24 48.38	Dec. 12 21.88	18 46.94	14 16.87
28 15.22	Feb. 13 2.13			Sep. 1 48.19	15 22.14	21 46.74	16 16.60
		Pollux.	Spica.	27 48.19	γ Aquilæ.	22 46.82	20 16.94
α Arietis.	α Orionis.	1806. 7. 33	1806. 13. 14	21 48.09	1806. 19. 37	24 46.98	23 16.93
1806. 1. 56	1806. 5. 44	Feb. 12 25.49	Nov. 6 59.27	22 48.23	May 7 2.06	25 46.83	24 16.73
Jan. 25 15.79	Feb. 13 40.38	13 25.36		25 48.28	July 1 2.02	27 46.84	26 16.76
Oct. 27 15.79	Aug. 17 40.13	Mar. 11 25.81	Arceturus.	27 48.29	Aug. 19 2.08	30 46.95	Nov. 6 16.62
	Sep. 5 40.21	13 25.51			22 2.19	Oct. 1 46.99	
α Ceti.	Sirius.	May 8 25.69		α Ophiuchi.	24 2.67	2 46.85	α Cygni.
1806. 2. 52	1806. 6. 36	Aug. 24 25.49	1806. 14. 6	1806. 17. 25	27 1.97	11 46.66	1806. 20. 34
Jan. 2 8.79	Feb. 13 35.98	30 25.37	Aug. 18 48.79	Feb. 12 55.96	28 2.03	12 46.90	Jan. 25 49.25
25 8.90	May 8 35.88	Sep. 4 25.54	24 48.89	13 55.88	30 1.97	13 46.59	Feb. 5 49.28
Sep. 30 8.98	Sep. 5 35.63	5 25.69	27 48.73	July 22 56.09	31 1.92	14 46.89	May 7 49.29
		6 25.47	Sep. 5 49.04	Aug. 17 55.56	2 1.93	16 46.79	Aug. 27 49.07
		25 25.58	6 48.79	24 55.90	6 1.87	17 46.85	Sep. 25 49.19
		Oct. 1 25.69	25 48.98	27 55.29	11 2.05	20 46.80	Oct. 11 49.17
		Dec. 26 25.52	27 49.06	30 55.44	15 2.10	23 46.91	24 49.23
		α Hydræ.		Sep. 1 55.88	18 2.12	24 46.84	Nov. 6 49.04
		1806. 9. 18	α Coronæ Borealis.	21 55.70	21 1.84		7 49.12
Aldebaran.	Castor.	Oct. 11 3.20	1806. 15. 26	22 55.84	22 1.84	α^1 Capricorni.	α Aquarii.
1806. 4. 24	1806. 7. 22		Aug. 14 28.48	25 55.93	25 2.06	1806. 20. 6	1806. 21. 55
Jan. 2 47.93	Feb. 12 12.08	Regulus.	24 28.63	27 56.10	27 2.11	Sep. 6 52.72	Sep. 25 48.73
Feb. 13 47.64	13 11.88		30 28.44	30 55.95	Oct. 1 1.99	18 53.09	Oct. 11 48.48
Dec. 25 47.87	Aug. 24 11.91		31 28.51	Oct. 1 55.82	2 2.03	22 52.85	16 48.68
	Sep. 4 12.17	1806. 9. 58	Sep. 6 28.41	11 55.72	11 1.96	24 53.05	23 48.92
	5 11.84	Sep. 25 1.41	18 28.67	18 55.95	18 1.96	25 52.90	24 48.76
	25 11.90	Oct. 11 1.86	25 28.53		23 2.17	27 52.97	27 48.78
Capella.	Procyon.		α Serpentis.	α Lyræ.	24 2.00	30 53.09	Nov. 6 49.06
1806. 5. 2	1806. 7. 29	β Leonis.	1806. 15. 34	1806. 18. 30	27 2.11	Oct. 1 52.96	22 48.71
Jan. 2 22.22	Feb. 12 8.34	1806. 11. 39	Aug. 24 43.28	Jan. 24 22.23	Nov. 22 2.05	11 52.88	
Feb. 13 22.53	13 8.20	May 7 9.36	30 43.01	Feb. 12 22.23	Dec. 15 2.03	12 53.05	Fomalhaut.
Dec. 26 22.74				13 22.00		14 53.01	1806. 22. 46
				Mar. 11 22.27	β Aquilæ.	16 52.82	Sep. 25 54.03
					1806. 19. 45	23 53.05	27 54.12
					July 1 46.86	24 52.97	
						26 52.94	
						Nov. 6 52.85	

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SEPARATE RESULTS FOR MEAN R. A. OF STARS COMPARED WITH α AQUILÆ,

Fomalhaut <i>continued.</i>		α Pegasi <i>continued.</i>		α Andromedæ.	
1806.	^h 22. ^m 46	1806.	^h 22. ^m 55	1806.	^h 23. ^m 58
Oct. 23	^s 54. '16	Sep. 27	^s 6. '25	Jan. 25	^s 23. '02
27	54. '14	Oct. 23	6. '35	Aug. 30	22. '94
Nov. 6	54. '04	24	6. '15	31	22. '74
22	54. '10	27	6. '20	Oct. 24	22. '98
Dec. 15	53. '96	Nov. 6	6. '04	26	22. '94
α Pegasi.		7	6. '24	27	23. '09
1806.	^h 22. ^m 55	22	6. '23	Nov. 6	22. '77
Sep. 25	^s 6. '05	Dec. 15	6. '19	7	23. '02
		20	6. '35	22	22. '97
		26	6. '24	Dec. 26	22. '90
		28	5. '95	28	22. '75

SEPARATE RESULTS for MEAN R.A. of STARS compared with α AQUILÆ in the Year 1807, for 1807, Jan. 1.Assumed Mean R.A. of α Aquilæ, 1807, Jan. 1 = $19^h.41^m.21^s.75$.

γ Pegasi.		Capella.		β Tauri <i>continued.</i>		Castor <i>continued.</i>		β Virginis.		α Coronæ Borealis <i>continued.</i>		α Ophiuchi.		α Lyræ <i>continued.</i>	
1807.	^h 0. 3	1807.	^h 5. 2	1807.	^h 5. 14	1807.	^h 7. 22	1807.	^h 11. 40	1807.	^h 15. 26	1807.	^h 17. 25	1807.	^h 18. 30
Jan. 5	18.51	Jan. 20	26.73	Aug. 14	5.97	Sep. 14	15.52	Apr. 8	38.41	Aug. 1	31.25	June 21	58.82	Oct. 14	24.14
6	18.44	30	25.92	28	5.88	30	15.60			2	31.22	July 18	58.73	18	24.35
Aug. 21	18.66	Feb. 7	26.95	29	5.84	Oct. 23	15.51	Spica.		3	30.93	31	58.38	20	24.17
Sep. 17	18.54	19	27.26	Sep. 6	5.87					9	30.95	Aug. 1	58.77	23	24.05
Nov. 4	18.46	20	27.30	Oct. 19	6.02	Procyon.		1807.	^h 13. 15	Sep. 10	31.06	2	58.67	26	24.17
12	18.51	Apr. 6	26.99	20	5.89			Aug. 1	2.38	Oct. 19	30.88	3	58.41	28	24.14
27	18.58	8	27.08	Dec. 30	5.88	α Orionis.		19	2.38	α Serpentis.		9	58.52	Nov. 26	24.30
Dec. 4	18.36	Aug. 1	27.02					Nov. 26	2.05			14	58.76	27	24.16
6	18.37	3	26.85	1807.		1807.	^h 7. 29	Arcturus.		17	58.87	Dec. 3	24.13		
30	18.50	14	26.98			Feb. 19	11.41			Nov. 26	2.05	25	58.88	6	24.22
α Arietis.		21	27.03	Jan. 20	^h 5. 44	Mar. 18	11.54	1807.		1807.	^h 15. 34	γ Aquilæ.			
		28	26.91	Feb. 7	43.59	Apr. 4	11.31			Jan. 19	45.79				
1807.		26	26.97	Jan. 20	43.18	6	11.43	July 18	46.32	Aug. 1	46.38	Sep. 6	58.94	1807.	^h 19. 37
		30	18.50	Dec. 30	26.83	Feb. 7	43.46	Aug. 29	11.56	31	45.99	10	58.85	Mar. 29	4.72
α Ceti.		Rigel.		21	43.70	Apr. 8	43.40	June 21	52.00	2	46.18	13	58.67	July 31	4.83
				28	43.33	Aug. 1	43.59	Aug. 1	51.83	3	45.96	19	58.69	Aug. 1	4.96
Jan. 5	19.15	1807.	^h 5. 5	21	43.39	21	43.30	2	52.05	9	45.86	24	58.60	2	4.97
Sep. 19	19.09	Jan. 20	15.64	28	43.33	Sep. 12	43.34	17	51.72	17	46.08	26	58.63	3	4.62
Nov. 12	19.02	Feb. 7	15.00	29	43.30	Oct. 23	11.40	19	51.73	Sep. 6	46.23	Oct. 14	58.81	9	4.74
26	19.10	15	15.94	24	43.48	Pollux.		29	51.68	Antares.		19	58.74	14	4.85
Dec. 6	18.95	19	16.00	Oct. 20	43.44			26	51.69			Nov. 27	58.67	17	4.78
30	19.09	21	16.11	Sirius.		1807.	^h 7. 33	Oct. 14	51.82	1807.	^h 16. 17	Dec. 3	58.59	19	4.75
α Ceti.		Mar. 18	16.05			Feb. 19	29.36	June 21	35.34	Nov. 26	51.41	June 21	35.34	α Lyræ.	
		Apr. 6	15.97	Mar. 18	29.29	Dec. 5	51.70	July 31	35.44	Aug. 2	35.58	1807.	^h 18. 30		
1807.	^h 2. 52	9	15.95	Apr. 4	29.15	α^1 Libræ.		α^1 Libræ.		3	35.29	Jan. 3	24.10	10	5.00
Jan. 1	12.21	Aug. 3	15.59	6	29.29					14	35.58	4	24.18	12	4.95
6	12.03	28	16.00	13	29.22	1807.		^h 14. 40	α Herculis.		17	35.34	13	4.82	
20	11.81	30	15.77	14	29.11			Jan. 19			1.78	18	24.12	14	4.74
Sep. 19	11.92	Sep. 6	16.05	Oct. 23	28.97	α^2 Libræ.		α^2 Libræ.		19	24.02	15	4.83		
Oct. 18	12.09	Oct. 19	15.98	24	29.01					20	24.01	16	4.93		
Dec. 10	11.82	β Tauri.		12	38.30	Regulus.		1807.	^h 14. 40	1807.		^h 17. 5	17	4.89	
30	11.88			13	38.27			Jan. 19	13.00			June 21	51.29	19	24.26
Aldebaran.		1807.	^h 5. 14	19	38.43	1807.		^h 9. 58	1807.		^h 15. 26	28	24.05	Oct. 14	5.12
		Jan. 20	5.70	30	38.30			Oct. 18			4.60	Jan. 19	30.91	29	23.95
1807.	^h 4. 24	31	5.86	Castor.		β Leonis.		June 21	13.37	Aug. 1	51.11	20	23.94	23	4.89
Jan. 30	51.52	Feb. 7	6.07					1807.	^h 7. 22	Aug. 2	13.38	2	51.07	Sep. 6	24.25
Feb. 6	51.46	15	6.05	Feb. 19	15.96	1807.		^h 15. 26	3	50.82	10	24.41	28	4.84	
14	51.45	19	6.11	21	16.23			Jan. 19	30.91	9	50.92	12	24.25	Nov. 4	4.87
18	51.68	21	6.24	Mar. 18	15.82	α Coronæ Borealis.		July 18	31.35	17	51.09	13	24.13	β Aquilæ.	
Aug. 3	51.18	Mar. 13	6.23	Apr. 4	15.71			19	51.14	Aug. 1	51.20	15	24.27		
14	51.53	18	6.05	Sep. 12	15.79	1807.	^h 11. 39	29	51.11	19	51.20	17	24.16	June 21	50.03
Oct. 8	51.41	Apr. 6	6.06	13	15.57	Apr. 8	12.37	31	31.13	20	50.91	24	24.15	July 31	49.78
19	51.52	July 31	6.13			Nov. 3	12.04					26	24.07		
Dec. 30	51.43											28	24.34		
												30	24.28		

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SEPARATE RESULTS FOR MEAN R.A. OF STARS COMPARED WITH α AQUILÆ, 1807.

β Aquilæ <i>continued.</i>		β Aquilæ <i>continued.</i>		α^1 Capricorni <i>continued.</i>		α^2 Capricorni <i>continued.</i>		α Cygni <i>continued.</i>		ζ Cygni.		Fomalhaut.		α Pegasi <i>continued.</i>	
1807.	^h 19. 45	1807.	^h 19. 45	1807.	^h 20. 6	1807.	^h 20. 7	1807.	^h 20. 34	1807.	^h 21. 6	1807.	^h 22. 46	1807.	^h 22. 55
Aug. 1	49. 95	Sep. 24	49. 89	Sep. 4	56. 40	Aug. 28	19. 97	Jan. 6	51. 17	Dec. 4	44. 32	Aug. 19	57. 36	Nov. 27	9. 03
2	49. 75	26	49. 71	10	56. 19	29	20. 14	18	51. 28			Sep. 17	57. 27	Dec. 4	8. 81
3	49. 59	28	49. 87	12	56. 27	30	20. 04	20	51. 43	α Aquarii.		24	57. 18	6	9. 16
9	49. 63	30	49. 79	13	56. 15	Sep. 6	19. 96	Feb. 23	51. 34			Oct. 18	57. 47	10	8. 96
14	49. 88	Oct. 14	49. 93	17	56. 29	10	20. 07	Mar. 12	51. 50			26	57. 28		
17	49. 66	24	49. 86	19	56. 21	12	20. 05	17	51. 30			Nov. 4	57. 47	α Andromedæ.	
19	49. 79	26	49. 75	24	56. 27	17	20. 15	29	51. 14	1807.	21. 55	27	57. 18		
21	49. 81	α^1 Capricorni.		28	56. 29	19	20. 19	Aug. 17	50. 96	Aug. 17	51. 68	Dec. 6	57. 62		
25	49. 90	α^2 Capricorni.		30	56. 20	24	20. 15	25	51. 27	19	52. 03	α Pegasi.		1807.	23. 58
28	49. 61			α Cygni.		28	20. 17	29	51. 18	Sep. 13	51. 64	1807.	22. 55	Jan. 5	25. 96
29	49. 81					30	19. 98	Sep. 13	51. 07	16	51. 97	Jan. 5	9. 24	6	25. 95
30	49. 75							14	51. 05	17	51. 70	Aug. 21	26. 05		
Sep. 6	49. 76							16	51. 11	24	51. 84	Sep. 17	25. 77		
10	49. 88	1807.	20. 6					17	51. 11	28	52. 03	Oct. 26	25. 95		
12	49. 83	Aug. 17	56. 11					19	51. 21	30	51. 96	Nov. 4	25. 94		
13	49. 78	21	56. 43	1807.	20. 7			24	51. 12	Oct. 14	52. 17	12	26. 04		
14	49. 75	25	56. 54	Aug. 17	20. 09	1807.	20. 34	26	50. 97	18	51. 87	26	26. 16		
15	49. 79	28	56. 17	21	20. 17	Jan. 1	51. 32	28	51. 10	Nov. 3	51. 98	Nov. 3	25. 83		
16	49. 81	29	56. 38	25	20. 28	5	51. 23	30	51. 02	Dec. 3	51. 86	12	26. 12		
17	49. 79	30	56. 12					Nov. 27	51. 01	6	51. 77				
19	49. 79							Dec. 4	51. 04						

APPARENT AND MEAN

RIGHT ASCENSIONS OF POLARIS,

DEDUCED BY DR. MASKELYNE,

FROM

OBSERVATIONS

In 1765 and 1766;
From 1768 to 1770;
and
From 1795 to 1805.

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RIGHT ASCENSIONS OF POLARIS, DEDUCED BY DR. MASKELYNE, FROM OBSERVATIONS

APPARENT AND MEAN RIGHT ASCENSIONS of POLARIS.					
Year, Month, and Day of Observation.	Apparent R. A.	Mean R. A. 1765, Jan. 1.	Year, Month, and Day of Observation.	Apparent R. A.	Mean R. A. 1766, Jan. 1.
1765.	h m s	h m s	1766.	h m s	h m s
May 13	o. 44. 50. 3	o. 45. 29. 9	March 4	o. 44. 48. 6	o. 45. 31. 8
14 S. P.	44. 39. 8	45. 19. 0	1768.		Mean R. A. 1768, Jan. 1.
17 S. P.	44. 55. 9	45. 33. 8	May 11 S. P.	o. 45. 29. 6	o. 45. 54. 8
17	44. 42. 4	45. 20. 2	15 S. P.	45. 41. 3	46. 4. 7
18 S. P.	44. 55. 8	45. 33. 4	17 S. P.	45. 39. 9	46. 2. 3
18	44. 47. 1	45. 24. 6	18 S. P.	45. 38. 6	46. 0. 6
June 4	44. 59. 8	45. 27. 6	22 S. P.	45. 42. 1	46. 2. 2
5 S. P.	45. 5. 1	45. 32. 4	20	46. 5. 5	46. 7. 8
6 S. P.	45. 8. 3	45. 35. 1	21 S. P.	45. 55. 1	45. 56. 5
8 S. P.	45. 8. 3	45. 34. 0	30 S. P.	46. 1. 6	45. 57. 9
9 S. P.	45. 10. 7	45. 35. 7	30	46. 5. 0	46. 0. 7
11 S. P.	45. 9. 5	45. 33. 2	July 1 S. P.	46. 2. 9	45. 58. 1
15 S. P.	45. 10. 3	45. 31. 5	November 5 S. P.	46. 40. 2	45. 58. 3
18 S. P.	45. 10. 9	45. 30. 2	6	46. 44. 9	46. 3. 2
19 S. P.	45. 14. 2	45. 32. 9	7	46. 43. 8	46. 2. 4
20 S. P.	45. 15. 7	45. 33. 8	7 S. P.	46. 41. 8	46. 0. 5
22	45. 6. 0	45. 22. 0	8	46. 44. 6	46. 3. 7
23	45. 10. 6	45. 26. 8	8 S. P.	46. 43. 2	46. 2. 3
25 S. P.	45. 16. 6	45. 31. 3	9	46. 36. 9	45. 56. 1
29 S. P.	45. 20. 2	45. 31. 8	10	46. 36. 8	45. 56. 2
July 2	45. 23. 1	45. 32. 8	11 S. P.	46. 47. 4	46. 7. 0
8	45. 13. 7	45. 19. 9	12 S. P.	46. 46. 9	46. 6. 9
9 S. P.	45. 27. 2	45. 32. 8	13	46. 37. 2	45. 57. 5
10 S. P.	45. 27. 4	45. 32. 5	18	46. 43. 4	46. 5. 8
10	45. 23. 1	45. 27. 9	18 S. P.	46. 41. 1	46. 3. 7
11	45. 22. 4	45. 26. 5	20	46. 39. 8	46. 2. 8
12 S. P.	45. 30. 5	45. 34. 3	23 S. P.	46. 36. 5	46. 0. 7
12	45. 16. 0	45. 19. 5	24	46. 42. 7	46. 7. 2
13 S. P.	45. 32. 1	45. 35. 4	25	46. 38. 1	46. 2. 9
13	45. 31. 3	45. 34. 3	25 S. P.	46. 35. 4	46. 0. 4
14 S. P.	45. 27. 9	45. 30. 6	December 1	46. 33. 8	46. 1. 5
14	45. 32. 6	45. 35. 0	2 S. P.	46. 33. 8	46. 1. 7
16	45. 32. 0	45. 33. 3	1769.		Mean R. A. 1769, Jan. 1.
17 S. P.	45. 18. 9	45. 19. 6	May 1 S. P.	o. 45. 50. 0	o. 46. 13. 1
17	45. 18. 9	45. 19. 3	1	45. 48. 9	46. 11. 6
18 S. P.	45. 22. 5	45. 22. 6	24 S. P.	45. 54. 5	46. 7. 2
18	45. 33. 9	45. 33. 7	27 S. P.	46. 4. 3	46. 15. 2
19 S. P.	45. 21. 4	45. 21. 0	27	45. 56. 0	46. 6. 6
20 S. P.	45. 23. 1	45. 22. 1	28 S. P.	46. 3. 6	46. 13. 8
21 S. P.	45. 23. 4	45. 21. 8	June 2 S. P.	46. 6. 5	46. 12. 1
21	45. 39. 4	45. 38. 5	6 S. P.	46. 9. 8	46. 15. 1
22	45. 39. 6	45. 37. 5	1770.		Mean R. A. 1770, Jan. 1.
27	45. 36. 9	45. 31. 8	January 23	o. 46. 18. 7	o. 46. 19. 9
28 S. P.	45. 36. 1	45. 30. 5	23 S. P.	46. 23. 1	46. 25. 8
30 S. P.	45. 36. 6	45. 29. 8	February 26	45. 57. 8	46. 16. 6
30	45. 39. 5	45. 32. 4			
31 S. P.	45. 36. 4	45. 29. 0			
August 10	45. 37. 5	45. 23. 9			
October 27	45. 56. 7	45. 30. 1			
27 S. P.	45. 49. 0	45. 22. 6			

Year, Month, and Day of Observation.	Apparent R. A.	Mean R. A. 1795, Jan. 1.	Year, Month, and Day of Observation.	Apparent R. A.	Mean R. A. 1800, Jan. 1.
1795.			1800.		
August 4	o. 52. 3. 0	o. 51. 30. 3	October 5 S. P.	o. 52. 52. 20	o. 52. 23. 25
6 S. P.	51. 38. 2	51. 5. 0	November 4	52. 47. 93	52. 22. 86
6	52. 5. 8	51. 32. 3	1801.		Mean R. A. 1801, Jan. 1.
16	51. 41. 8	51. 3. 1	December 31 S. P.	o. 52. 25. 94	o. 52. 29. 72
September 27	52. 40. 4	51. 47. 2	1802.		Mean R. A. 1802, Jan. 1.
28 S. P.	51. 59. 4	51. 6. 2	January 1	o. 52. 41. 64	o. 52. 58. 72
28	52. 4. 9	51. 11. 4	26	52. 18. 65	52. 51. 67
30	52. 12. 9	51. 19. 5	26 S. P.	52. 10. 79	52. 44. 11
October 24 S. P.	51. 56. 6	51. 4. 5	26 S. P.	53. 10. 06	52. 40. 11
26	52. 22. 4	51. 30. 6	20	53. 37. 24	53. 7. 17
November 2 S. P.	51. 56. 4	51. 6. 7	20 S. P.	53. 14. 37	52. 43. 58
3	52. 19. 6	51. 29. 9	October 25 S. P.	53. 9. 88	52. 42. 00
8	52. 6. 3	51. 18. 4	November 7 S. P.	53. 35. 04	53. 7. 30
8 S. P.	51. 58. 4	51. 10. 5	8	53. 26. 66	53. 3. 88
1796.		Mean R. A. 1796, Jan. 1.	21	53. 0. 61	52. 39. 41
January 1 S. P.	o. 51. 36. 1	o. 51. 18. 8	24 S. P.	53. 30. 71	53. 9. 72
February 24	51. 2. 6	51. 17. 1	1803.		Mean R. A. 1803, Jan. 1.
1797.		Mean R. A. 1797, Jan. 1.	February 22	o. 52. 32. 93	o. 53. 16. 45
May 25 S. P.	o. 51. 14. 7	o. 51. 41. 6	22 S. P.	52. 20. 78	53. 4. 51
25	51. 15. 9	51. 42. 6	March 22 S. P.	52. 7. 84	52. 58. 94
27 S. P.	51. 18. 8	51. 44. 6	23	52. 20. 64	53. 11. 94
28 S. P.	51. 17. 8	51. 39. 5	May 4	52. 28. 98	53. 15. 24
June 3	51. 3. 7	51. 25. 3	7 S. P.	52. 10. 00	52. 55. 15
5 S. P.	51. 24. 7	51. 45. 2	7	52. 30. 09	53. 14. 97
7	51. 27. 2	51. 46. 35	12 S. P.	52. 10. 01	52. 52. 93
10 S. P.	51. 31. 0	51. 48. 23	22 S. P.	52. 19. 66	52. 57. 58
July 3 S. P.	51. 42. 87	51. 45. 0	7 S. P.	52. 28. 03	52. 56. 48
25 S. P.	51. 59. 83	51. 47. 2	13 S. P.	52. 37. 09	53. 1. 60
September 15 S. P.	52. 17. 78	51. 39. 3	13	52. 53. 53	53. 17. 58
1798.		Mean R. A. 1798, Jan. 1.	22	52. 50. 04	53. 8. 50
July 16 S. P.	o. 51. 52. 62	o. 51. 51. 99	23 S. P.	52. 45. 71	53. 3. 14
17	52. 11. 35	52. 10. 05	24 S. P.	53. 4. 03	53. 20. 75
August 29 S. P.	52. 22. 42	51. 56. 48	28 S. P.	52. 50. 80	53. 4. 83
1799.		Mean R. A. 1799, Jan. 1.	July 1	53. 3. 26	53. 14. 68
February 4	o. 51. 32. 99	o. 52. 8. 59	9	52. 52. 29	52. 58. 23
4 S. P.	51. 31. 33	52. 6. 93	10 S. P.	53. 18. 41	53. 23. 39
May 28	51. 25. 67	52. 1. 50	10	52. 49. 58	52. 54. 45
July 10 S. P.	52. 3. 63	52. 4. 75	11	52. 45. 89	52. 50. 38
September 6 S. P.	52. 39. 01	52. 14. 12	28 S. P.	53. 27. 00	53. 19. 38
7 S. P.	52. 36. 92	52. 11. 66	28	52. 58. 18	52. 50. 24
8 S. P.	52. 35. 28	52. 9. 66	August 13	53. 12. 85	52. 54. 51
21 S. P.	52. 38. 71	52. 9. 62	14 S. P.	53. 37. 10	53. 18. 58
27	52. 46. 27	52. 16. 09	15 S. P.	53. 41. 98	53. 22. 85
December 28	52. 16. 03	52. 8. 35	24 S. P.	53. 44. 79	53. 20. 59
1800.		Mean R. A. 1800, Jan. 1.	24	53. 18. 91	51. 54. 49
May 28 S. P.	o. 51. 42. 45	o. 52. 21. 29	25 S. P.	53. 48. 02	53. 23. 29
June 3 S. P.	51. 48. 87	52. 24. 18	September 6	53. 34. 97	53. 4. 39
July 9	51. 56. 57	51. 57. 62	7 S. P.	53. 38. 68	53. 7. 90
10 S. P.	52. 20. 28	52. 21. 15	October 16 S. P.	53. 43. 18	53. 18. 23
25 S. P.	52. 33. 48	52. 33. 68	22	53. 40. 62	53. 16. 16
October 3 S. P.	52. 51. 17	52. 22. 30	23 S. P.	53. 42. 36	53. 18. 11
4 S. P.	52. 52. 70	52. 23. 79	24	53. 37. 81	53. 13. 61
			27	53. 43. 77	53. 20. 22
			27 S. P.	53. 37. 64	53. 14. 18
			November 14	53. 37. 20	53. 12. 89

1795. Sep. 28. The instrument was adjusted.

1795. Nov. 25. The Line of Collimation appears to have been at this time disturbed by $7\frac{1}{4}''$ to the West.

1797. May 28. After this observation, the instrument was reversed, and the Line of Collimation was found to deviate $7\frac{1}{4}''$, as above stated.

Year, Month, and Day of Observation.	Apparent R. A.	Mean R. A. 1803, Jan. 1.	Year, Month, and Day of Observation.	Apparent R. A.	Mean R. A. 1804, Jan. 1.
1803.	h m s	h m s	1804.	h m s	h m s
November 17 S. P.	0. 53. 31.16	0. 53. 13.75	July 13 S. P.	0. 53. 20.08	0. 53. 16.41
23	53. 36.72	53. 21.75	14	53. 27.73	53. 23.69
23 S. P.	53. 32.55	53. 17.77	15 S. P.	53. 21.15	53. 16.02
December 26	53. 22.47	53. 26.61	November 21 S. P.	53. 45.90	53. 11.36
			22	53. 58.28	53. 23.94
1804.		Mean R. A. 1804, Jan. 1.	26	53. 57.49	53. 25.94
January 2 S. P.	0. 52. 59.39	0. 53. 8.19	26 S. P.	53. 46.56	53. 15.21
6	53. 13.74	53. 25.22	29 S. P.	53. 44.43	53. 13.85
6 S. P.	53. 1.24	53. 13.07	December 3	53. 55.66	53. 29.96
15	53. 4.80	53. 22.29	3 S. P.	53. 36.66	53. 11.16
21	53. 3.02	53. 24.65	5 S. P.	53. 39.40	53. 14.92
March 26 S. P.	52. 12.03	52. 59.11	20 S. P.	53. 26.90	53. 8.69
June 1	53. 0.45	53. 27.99			
2 S. P.	52. 46.14	53. 13.09	1805.		Mean R. A. 1805, Jan. 1.
2	53. 1.47	53. 28.09	March 19	0. 53. 0.69	0. 53. 40.62
6 S. P.	52. 50.17	53. 14.50	21	52. 57.89	53. 38.25
12 S. P.	52. 58.85	53. 19.24	23	52. 59.01	53. 39.52
17	53. 8.85	53. 25.47	April 7	52. 56.27	53. 36.37
21 S. P.	53. 1.89	53. 16.05	8 S. P.	52. 39.60	53. 19.60
21	53. 11.26	53. 24.92	12 S. P.	52. 38.45	53. 17.95
22	53. 13.07	53. 26.51	12	53. 0.94	53. 40.34
25 S. P.	53. 9.57	53. 20.54	13 S. P.	52. 39.36	53. 18.76
26	53. 15.83	53. 26.45	29	53. 4.55	53. 39.65
27	53. 16.75	53. 26.64	30 S. P.	52. 45.33	53. 21.23
28	53. 18.92	53. 28.08	30	53. 2.81	53. 38.61
29 S. P.	53. 11.14	53. 19.21	May 4	53. 0.42	53. 33.72
July 10	53. 23.45	53. 22.28	5 S. P.	52. 48.14	53. 21.04
12	53. 21.93	53. 19.30			

C A T A L O G U E S

OF THE

CONCLUDED MEAN RIGHT ASCENSIONS OF STARS

COMPARED WITH α AQUILÆ,

BY

D R. M A S K E L Y N E :

From 1765 to 1772 ;

From 1779 to 1785 ;

From 1796 to 1801 ;

and

From 1803 to 1807.

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CATALOGUES OF THE CONCLUDED MEAN RIGHT ASCENSIONS OF STARS COMPARED WITH α AQUILÆ,CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1765, for 1765, Jan. 1.

By Dr. Maskelyne's First Method of Reduction.

Assumed Mean R. A. of α Aquilæ, 1765, Jan. 1 = $294^{\circ}.49'.39''.65 = 19^{\text{h}}.39^{\text{m}}.18^{\text{s}}.64$.

Name of Star.	Number of Obs.	Excess of Star's Mean R. A. above Mean R. A. of α Aquilæ, in arc.	Mean R. A. of Star, in arc, for 1765, Jan. 1.	Mean R. A. of Star, in time, for 1765, Jan. 1.	Name of Star.	Number of Obs.	Excess of Star's Mean R. A. above Mean R. A. of α Aquilæ, in arc.	Mean R. A. of Star, in arc, for 1765, Jan. 1.	Mean R. A. of Star, in time, for 1765, Jan. 1.
γ Pegasi.....	32	+ $65^{\circ}.27'.41''.13$	$0^{\circ}.17'.20''.78$	$0^{\text{h}}.1^{\text{m}}.9^{\text{s}}.38$	α Coronæ.....	25	— $63^{\circ}.38'.35''.22$	$231^{\circ}.11'.4''43$	$15^{\text{h}}.24'.44''.30$
α Arietis.....	23	$93^{\circ}.39'.54''.28$	$28^{\circ}.29'.33''.93$	$1^{\text{h}}.53'.58''.26$	α Serpentis....	24	$61^{\circ}.39'.7''.38$	$233^{\circ}.10'.32''.27$	$15^{\text{h}}.32'.42''.15$
α Ceti.....	4	$107^{\circ}.40'.35''.50$	$42^{\circ}.30'.15''.15$	$2^{\text{h}}.50'.1^{\text{m}}.01$	β^1 Scorpii.....	12	$56^{\circ}.52'.37''.04$	$237^{\circ}.57'.2''61$	$15^{\text{h}}.51'.48''.17$
Aldebaran.....	28	$130^{\circ}.47'.10''.63$	$65^{\circ}.36'.50''.28$	$4^{\text{h}}.22'.27''.35$	Antares.....	32	$51^{\circ}.4'.11''.08$	$243^{\circ}.45'.28''.57$	$16^{\text{h}}.15'.1^{\text{m}}.90$
Capella.....	18	$140^{\circ}.0'.41''.20$	$74^{\circ}.50'.20''.85$	$4^{\text{h}}.59'.21''.39$	ζ Ophiuchi....	14	$48^{\circ}.46'.6''.79$	$246^{\circ}.3'.32''.86$	$16^{\text{h}}.24'.14''.19$
Rigel.....	12	$140^{\circ}.59'.6''.20$	$75^{\circ}.48'.45''.85$	$5^{\text{h}}.3'.15''.06$	α Herculis....	21	$38^{\circ}.50'.43''.61$	$255^{\circ}.58'.56''.04$	$17^{\text{h}}.3'.55''.74$
β Tauri.....	4	$143^{\circ}.2'.3''00$	$77^{\circ}.51'.42''.65$	$5^{\text{h}}.11'.26''.84$	α Ophiuchi....	53	$33^{\circ}.49'.12''.61$	$261^{\circ}.0'.27''.04$	$17^{\text{h}}.24'.1^{\text{m}}.80$
α Orionis.....	32	$150^{\circ}.47'.4''95$	$85^{\circ}.36'.44''.60$	$5^{\text{h}}.42'.26''.97$	α Lyræ.....	55	$17^{\circ}.34'.58''.70$	$277^{\circ}.14'.40''.95$	$18^{\text{h}}.28'.58''.73$
Sirius.....	41	$163^{\circ}.52'.4''70$	$98^{\circ}.41'.44''.35$	$6^{\text{h}}.34'.46''.96$	δ Aquilæ.....	35	$6^{\circ}.24'.56''.81$	$288^{\circ}.24'.42''.84$	$19^{\text{h}}.13'.38''.86$
Castor.....	12	$175^{\circ}.3'.46''.30$	$109^{\circ}.53'.25''.95$	$7^{\text{h}}.19'.33''.73$	γ Aquilæ.....	46	— $1^{\circ}.3'.26''.28$	$293^{\circ}.46'.13''.37$	$19^{\text{h}}.35'.4^{\text{m}}.90$
Procyon.....	27	$176^{\circ}.55'.5''26$	$111^{\circ}.44'.44''.91$	$7^{\text{h}}.26'.58''.99$	β Aquilæ.....	37	+ $1^{\circ}.6'.48''.27$	$295^{\circ}.56'.27''.92$	$19^{\text{h}}.43'.45''.86$
Pollux.....	25	+ $177^{\circ}.53'.48''.06$	$112^{\circ}.43'.27''.71$	$7^{\text{h}}.30'.53''.85$	θ Aquilæ.....	13	$4^{\circ}.57'.48''.16$	$299^{\circ}.47'.27''.81$	$19^{\text{h}}.59'.9''.86$
α Hydræ.....	4	— $155^{\circ}.49'.10''.15$	$139^{\circ}.0'.29''.50$	$9^{\text{h}}.16'.1^{\text{m}}.97$	α^1 Capricorni..	..			$20^{\text{h}}.4'.35''.95$
Regulus.....	17	$145^{\circ}.52'.15''.95$	$148^{\circ}.57'.23''.70$	$9^{\text{h}}.55'.49''.58$	α^2 Capricorni..	15	$6^{\circ}.25'.14''.37$	$301^{\circ}.14'.54''.02$	$20^{\text{h}}.4'.59''.60$
β Leonis.....	5	$120^{\circ}.33'.56''.82$	$174^{\circ}.15'.42''.83$	$11^{\text{h}}.37'.2^{\text{m}}.85$	α Cygni.....	25	$13^{\circ}.31'.40''.28$	$308^{\circ}.21'.19''.93$	$20^{\text{h}}.33'.25''.33$
Spica.....	23	$96^{\circ}.37'.9''00$	$198^{\circ}.12'.30''.65$	$13^{\text{h}}.12'.50''.04$	α Aquarii.....	21	$33^{\circ}.35'.51''.31$	$328^{\circ}.25'.30''.96$	$21^{\text{h}}.53'.42''.06$
Arcturus.....	56	$83^{\circ}.35'.30''.76$	$211^{\circ}.14'.8''.89$	$14^{\text{h}}.4'.56''.59$	Fomalhaut....	18	$46^{\circ}.19'.31''.58$	$341^{\circ}.9'.11''.23$	$22^{\text{h}}.44'.36''.75$
α^1 Libræ.....	..			$14^{\text{h}}.37'.43''.28$	α Pegasi.....	43	$48^{\circ}.26'.22''.44$	$343^{\circ}.16'.2''09$	$22^{\text{h}}.53'.4^{\text{m}}.14$
α^2 Libræ.....	6	— $75^{\circ}.21'.1^{\text{m}}.33$	$219^{\circ}.28'.38''.32$	$14^{\text{h}}.37'.54''.56$	α Andromedæ..	35	+ $64^{\circ}.14'.34''.19$	$359^{\circ}.4'.13''.84$	$23^{\text{h}}.56'.16''.91$

The R. A. of α^1 Libræ is deduced from that of α^2 Libræ by 11 comparisons, which give a difference of $11^{\text{s}}.28$; the R. A. of α^1 Capricorni is deduced from that of α^2 Capricorni by 55 comparisons, which give a difference of $23^{\text{s}}.65$.

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ, PROCYON, and α ORIONIS, in the Year 1765, for 1765, Jan. 1. By Dr. Maskelyne's Second Method of Reduction.

Assumed Mean R. A. of α Aquilæ, 1765, Jan. 1 = $19^{\text{h}}.39^{\text{m}}.18^{\text{s}}.87$.

Name of Star.	Compared with α Aquilæ.		Compared directly with Procyon.		Compared directly with α Orionis.		Name of Star.	Compared with α Aquilæ.		Compared directly with Procyon.		Compared directly with α Orionis.	
	Numb. of Obs.	Mean R. A. 1765, Jan. 1.	Numb. of Obs.	Mean R. A. 1765, Jan. 1.	Numb. of Obs.	Mean R. A. 1765, Jan. 1.		Numb. of Obs.	Mean R. A. 1765, Jan. 1.	Numb. of Obs.	Mean R. A. 1765, Jan. 1.	Numb. of Obs.	Mean R. A. 1765, Jan. 1.
γ Pegasi....	32	$0^{\text{h}}.1^{\text{m}}.9^{\text{s}}.66$		$h\ m\ s$		$h\ m\ s$	α Coronæ...	25	$15^{\text{h}}.24'.44''.44$		$h\ m\ s$		$h\ m\ s$
α Arietis....	23	$1^{\text{h}}.53'.58''.46$	4	$1^{\text{h}}.53'.58''.50$	3	$1^{\text{h}}.53'.58''.25$	α Serpentis..	24	$15^{\text{h}}.32'.42''.33$				
α Ceti.....	4	$2^{\text{h}}.50'.1^{\text{m}}.03$			1	$2^{\text{h}}.50'.0^{\text{m}}.28$	Antares....	31	$16^{\text{h}}.15'.2^{\text{m}}.10$				
Aldebaran....	28	$4^{\text{h}}.22'.27''.56$	3	$4^{\text{h}}.22'.27''.79$	5	$4^{\text{h}}.22'.27''.72$	α Herculis....	21	$17^{\circ}.3'.56''.37$				
Capella.....	19	$4^{\text{h}}.59'.21''.72$	1	$4^{\text{h}}.59'.22''.20$	6	$4^{\text{h}}.59'.21''.96$	α Ophiuchi..	55	$17^{\text{h}}.24'.2^{\text{m}}.09$				
Rigel.....	12	$5^{\text{h}}.3'.15''.28$	4	$5^{\text{h}}.3'.15''.28$	4	$5^{\text{h}}.3'.15''.14$	α Lyræ.....	56	$18^{\text{h}}.28'.58''.98$				
β Tauri.....	4	$5^{\text{h}}.11'.27''.17$			3	$5^{\text{h}}.11'.27''.30$	ϵ Lyræ.....	9	$18^{\text{h}}.36'.33''.38$				
α Orionis....	35	$5^{\text{h}}.42'.27''.24$	10	$5^{\text{h}}.42'.27''.31$			δ Aquilæ....	35	$19^{\circ}.13'.38''.90$				
Sirius.....	44	$6^{\text{h}}.34'.47''.26$	10	$6^{\text{h}}.34'.47''.62$	8	$6^{\text{h}}.34'.47''.34$	γ Aquilæ....	45	$19^{\text{h}}.35'.5^{\text{m}}.12$				
Castor.....	14	$7^{\text{h}}.19'.33''.95$	10	$7^{\text{h}}.19'.34''.07$			β Aquilæ....	38	$19^{\circ}.43'.46''.06$				
Procyon.....	30	$7^{\text{h}}.26'.59''.32$					θ Aquilæ....	14	$19^{\circ}.59'.10''.42$				
Pollux.....	26	$7^{\text{h}}.30'.54''.13$	12	$7^{\text{h}}.30'.54''.34$	1	$7^{\text{h}}.30'.53''.59$	α^2 Capricorni.	15	$20^{\circ}.5'.0^{\text{m}}.02$				
α Hydræ....	4	$9^{\text{h}}.16'.2^{\text{m}}.23$	4	$9^{\text{h}}.16'.2^{\text{m}}.13$			α Cygni....	25	$20^{\circ}.33'.25''.60$				
Regulus.....	18	$9^{\text{h}}.55'.49''.90$	9	$9^{\text{h}}.55'.49''.77$			α Aquarii....	21	$21^{\circ}.53'.42''.32$				
β Leonis....	7	$11^{\text{h}}.37'.3^{\text{m}}.15$	2	$11^{\text{h}}.37'.3^{\text{m}}.34$	2	$11^{\text{h}}.37'.3^{\text{m}}.25$	Fomalhaut..	18	$22^{\circ}.44'.36''.93$				
Spica.....	23	$13^{\text{h}}.12'.50''.18$					α Pegasi....	43	$22^{\circ}.53'.4^{\text{m}}.39$				
Arcturus....	57	$14^{\text{h}}.4'.56''.88$					α Andromedæ	36	$23^{\circ}.56'.17''.18$				
α^2 Libræ....	6	$14^{\text{h}}.37'.54''.83$											

The Assumed Mean R. A. of Procyon in the ledger results for stars compared with Procyon is $7^{\text{h}}.27^{\text{m}}.0^{\text{s}}.00$; that above deduced from comparison with α Aquilæ is $7^{\text{h}}.26^{\text{m}}.59^{\text{s}}.32$. In consequence, the correction $-0^{\text{s}}.68$ has been applied to the mean of Dr. Maskelyne's results for all stars compared with Procyon.

Similarly, the Assumed Mean R. A. of α Orionis being $5^{\text{h}}.42^{\text{m}}.27^{\text{s}}.43$, and that deduced by comparison with α Aquilæ being $5^{\text{h}}.42^{\text{m}}.27^{\text{s}}.24$, the correction which has been applied to the mean of all Dr. Maskelyne's results for stars compared with α Orionis is $-0^{\text{s}}.19$.

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ, PROCYON, and α ORIONIS, in the Year 1766, for 1766, Jan. 1.Assumed Mean R. A. of α Aquilæ, 1766, Jan. 1 = $19^h.39^m.21^s.54$.

Name of Star.	Compared with α Aquilæ.		Compared directly with Procyon.		Compared directly with α Orionis.		Name of Star.	Compared with α Aquilæ.		Compared directly with Procyon.		Compared directly with α Orionis.	
	Numb. of Obs.	Mean R. A. 1766, Jan. 1.	Numb. of Obs.	Mean R. A. 1766, Jan. 1.	Numb. of Obs.	Mean R. A. 1766, Jan. 1.		Numb. of Obs.	Mean R. A. 1766, Jan. 1.	Numb. of Obs.	Mean R. A. 1766, Jan. 1.	Numb. of Obs.	Mean R. A. 1766, Jan. 1.
γ Pegasi . . .	28	^h 0. ^m 1. ^s 12.39		^h 1. ^m 54. ^s 1.43		^h 1. ^m 54. ^s 1.44	α Coronæ . . .	5	^h 15. ^m 24. ^s 46.80		^h 15. ^m 24. ^s 45.11		^h 15. ^m 24. ^s 45.11
α Arietis . . .	6	1. 54. 1.64	11	2. 50. 4.36	2	2. 50. 3.92	Antares	3	16. 15. 5.62		16. 15. 5.62		16. 15. 5.62
α Ceti	1	2. 50. 4.09	3	4. 22. 30.85	5	4. 22. 30.79	ζ Ophiuchi . .	9	16. 24. 17.38		16. 24. 17.38		16. 24. 17.38
Aldebaran . .	6	4. 22. 30.85	27	4. 59. 25.78		4. 59. 25.78	α Herculis . .	2	17. 3. 58.52		17. 3. 58.52		17. 3. 58.52
Capella			15	5. 3. 17.80	2	5. 3. 17.80	α Ophiuchi . .	27	17. 24. 4.65		17. 24. 4.65		17. 24. 4.65
Rigel	1	5. 3. 17.62	1	5. 11. 30.84	1	5. 11. 30.67	α Lyrae	8	18. 29. 0.96		18. 29. 0.96		18. 29. 0.96
β Tauri			31	5. 42. 30.25		5. 42. 30.25	δ Aquilæ	15	19. 13. 41.49		19. 13. 41.49		19. 13. 41.49
α Orionis . . .	14	5. 42. 30.25	6	6. 34. 49.81		6. 34. 49.81	γ Aquilæ	38	19. 35. 7.72		19. 35. 7.72		19. 35. 7.72
Sirius	5	6. 34. 49.81	11	7. 19. 37.61		7. 19. 37.61	β Aquilæ	42	19. 43. 48.78		19. 43. 48.78		19. 43. 48.78
Castor	1	7. 19. 37.50					θ Aquilæ	4	19. 59. 13.21		19. 59. 13.21		19. 59. 13.21
Procyon	24	7. 27. 2.17	16	7. 30. 57.59		7. 30. 57.59	α^1 Capricorni .	2	20. 4. 39.26		20. 4. 39.26		20. 4. 39.26
Pollux	4	7. 30. 57.46	14	9. 16. 4.91		9. 16. 4.91	α^2 Capricorni .	21	20. 5. 2.95		20. 5. 2.95		20. 5. 2.95
α Hydræ	1	9. 16. 4.91	26	9. 55. 52.86	3	9. 55. 52.94	α Cygni	13	20. 33. 27.21		20. 33. 27.21		20. 33. 27.21
Regulus	5	9. 55. 52.82	6	11. 37. 6.02		11. 37. 6.02	α Aquarii	26	21. 53. 45.20		21. 53. 45.20		21. 53. 45.20
β Leonis	2	11. 37. 6.18					Fomalhaut . . .	2	22. 44. 40.05		22. 44. 40.05		22. 44. 40.05
Spica	4	13. 12. 53.34					α Pegasi	20	22. 53. 6.90		22. 53. 6.90		22. 53. 6.90
Arcturus	19	14. 4. 59.36					α Andromedæ .	26	23. 56. 19.90		23. 56. 19.90		23. 56. 19.90
α Libræ	3	14. 37. 58.05											

The Assumed Mean R. A. of Procyon in the ledger results for stars compared with it being $7^h.27^m.0^s.00$, and the R. A. deduced by comparison with α Aquilæ, being $7^h.27^m.2^s.17$, the correction $+2^s.17$ has been applied to the means of the results for all stars compared with Procyon.

Similarly, the Assumed Mean R. A. of α Orionis being $5^h.42^m.27^s.43$, and that deduced by comparison with α Aquilæ being $5^h.42^m.30^s.25$, the correction $+2^s.82$ has been applied to the means of the results for all stars compared with α Orionis.

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1767, for 1767, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1767, Jan. 1 = $19^h.39^m.24^s.72$.

Name of Star.	Number of Obs.	Mean R. A. 1767, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1767, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1767, Jan. 1.
γ Pegasi	22	^h 0. ^m 1. ^s 15.64	Regulus	20	^h 9. ^m 55. ^s 56.34	δ Aquilæ	2	^h 19. ^m 13. ^s 44.82
α Arietis	20	1. 54. 5.22	β Leonis	19	11. 37. 9.48	γ Aquilæ	7	19. 35. 10.83
α Ceti	7	2. 50. 7.26	β Virginis	2	11. 38. 33.48	β Aquilæ	10	19. 43. 51.98
Aldebaran	27	4. 22. 34.42	Spica	20	13. 12. 56.70	θ Aquilæ	2	19. 59. 16.51
Rigel	9	5. 3. 20.82	Arcturus	42	14. 5. 2.46	α^1 Capricorni . . .	1	20. 4. 42.86
β Tauri	2	5. 11. 34.83	α Libræ	6	14. 38. 1.76	α^2 Capricorni . . .	40	20. 5. 6.46
α Orionis	30	5. 42. 33.78	α Coronæ	12	15. 24. 49.78	α Cygni	2	20. 33. 29.58
Sirius	9	6. 34. 52.61	α Serpentis	11	15. 32. 48.42	α Aquarii	50	21. 53. 48.57
Castor	6	7. 19. 41.57	Antares	13	16. 15. 9.57	Fomalhaut	5	22. 44. 43.54
Procyon	24	7. 27. 5.57	α Ophiuchi	44	17. 24. 7.64	α Pegasi	34	22. 53. 10.05
Pollux	16	7. 31. 1.56	α Lyrae	4	18. 29. 2.98	α Andromedæ . . .	28	23. 56. 23.20
α Hydræ	16	9. 16. 8.16						

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CATALOGUES OF THE CONCLUDED MEAN RIGHT ASCENSIONS OF STARS COMPARED WITH α AQUILÆ,CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1768, for 1768, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1768, Jan. 1 = $19^h.39^m.27^s.65$.

Name of Star.	Number of Obs.	Mean R. A. 1768, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1768, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1768, Jan. 1.
γ Pegasi.....	17	$0^h.1^m.18^s.71$	α Hydræ.....	4	$9^h.16^m.11^s.04$	α Ophiuchi.....	20	$17^h.24^m.10^s.41$
α Arietis.....	15	$1^h.54^m.8^s.58$	Regulus.....	15	$9^h.55^m.59^s.40$	α Lyrae.....	1	$18^h.29^m.4^s.74$
α Ceti.....	8	$2^h.50^m.10^s.52$	β Leonis.....	17	$11^h.37^m.12^s.45$	γ Aquilæ.....	10	$19^h.35^m.13^s.69$
Aldebaran.....	17	$4^h.22^m.37^s.72$	Spica.....	17	$13^h.12^m.59^s.75$	β Aquilæ.....	8	$19^h.43^m.54^s.82$
Rigel.....	17	$5^h.3^m.23^s.70$	Arcturus.....	24	$14^h.5^m.5^s.11$	α^2 Capricorni....	16	$20^h.5^m.9^s.85$
α Orionis.....	21	$5^h.42^m.36^s.84$	α Libræ.....	8	$14^h.38^m.4^s.64$	α Cygni.....	8	$20^h.33^m.31^s.48$
Sirius.....	1	$6^h.34^m.54^s.70$	α Coronæ.....	9	$15^h.24^m.52^s.01$	α Aquarii.....	15	$21^h.53^m.51^s.56$
Castor.....	11	$7^h.19^m.45^s.38$	α Serpentis.....	8	$15^h.32^m.51^s.20$	Fomalhaut.....	1	$22^h.44^m.46^s.70$
Procyon.....	19	$7^h.27^m.8^s.63$	Antares.....	7	$16^h.15^m.12^s.89$	α Pegasi.....	15	$22^h.53^m.13^s.12$
Pollux.....	15	$7^h.31^m.5^s.12$	α Herculis.....	1	$17^h.4^m.4^s.19$	α Andromedæ....	22	$23^h.56^m.26^s.21$

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1769, for 1769, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1769, Jan. 1 = $19^h.39^m.30^s.58$.

Name of Star.	Number of Obs.	Mean R. A. 1769, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1769, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1769, Jan. 1.
γ Pegasi.....	28	$0^h.1^m.21^s.92$	Pollux.....	14	$7^h.31^m.8^s.92$	Antares.....	7	$16^h.15^m.16^s.80$
α Arietis.....	24	$1^h.54^m.11^s.97$	α Hydræ.....	3	$9^h.16^m.14^s.05$	α Ophiuchi.....	48	$17^h.24^m.13^s.20$
α Ceti.....	10	$2^h.50^m.13^s.67$	Regulus.....	12	$9^h.56^m.2^s.70$	δ Aquilæ.....	1	$19^h.13^m.50^s.95$
Aldebaran.....	17	$4^h.22^m.41^s.34$	β Leonis.....	6	$11^h.37^m.15^s.68$	γ Aquilæ.....	9	$19^h.35^m.16^s.49$
Rigel.....	17	$5^h.3^m.26^s.82$	Spica.....	9	$13^h.13^m.3^s.10$	β Aquilæ.....	28	$19^h.43^m.57^s.87$
β Tauri.....	3	$5^h.11^m.42^s.75$	Arcturus.....	35	$14^h.5^m.7^s.88$	α^2 Capricorni....	43	$20^h.5^m.13^s.24$
α Orionis.....	22	$5^h.42^m.40^s.34$	α Libræ.....	3	$14^h.38^m.8^s.08$	α Aquarii.....	30	$21^h.53^m.54^s.71$
Sirius.....	1	$6^h.34^m.58^s.47$	α Coronæ.....	15	$15^h.24^m.54^s.83$	α Pegasi.....	25	$22^h.53^m.16^s.07$
Castor.....	7	$7^h.19^m.49^s.25$	α Serpentis.....	14	$15^h.32^m.54^s.26$	α Andromedæ....	32	$23^h.56^m.29^s.40$
Procyon.....	17	$7^h.27^m.11^s.97$						

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1770, for 1770, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1770, Jan. 1 = $19^h.39^m.33^s.51$.

Name of Star.	Number of Obs.	Mean R. A. 1770, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1770, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1770, Jan. 1.
γ Pegasi.....	24	$0^h.1^m.24^s.90$	α Hydræ.....	2	$9^h.16^m.17^s.02$	α Ophiuchi.....	46	$17^h.24^m.15^s.91$
α Arietis.....	17	$1^h.54^m.15^s.28$	Regulus.....	9	$9^h.56^m.5^s.97$	α Lyrae.....	2	$18^h.29^m.8^s.87$
α Ceti.....	5	$2^h.50^m.16^s.79$	β Leonis.....	3	$11^h.37^m.18^s.57$	γ Aquilæ.....	5	$19^h.35^m.19^s.29$
Aldebaran.....	14	$4^h.22^m.44^s.64$	Spica.....	4	$13^h.13^m.5^s.98$	β Aquilæ.....	29	$19^h.44^m.0^s.70$
Rigel.....	6	$5^h.3^m.29^s.56$	Arcturus.....	26	$14^h.5^m.10^s.52$	α^2 Capricorni....	50	$20^h.5^m.16^s.49$
β Tauri.....	1	$5^h.11^m.46^s.13$	α Libræ.....	3	$14^h.38^m.11^s.18$	α Cygni.....	1	$20^h.33^m.35^s.72$
α Orionis.....	10	$5^h.42^m.43^s.40$	α Coronæ.....	23	$15^h.24^m.57^s.14$	α Aquarii.....	26	$21^h.53^m.57^s.74$
Castor.....	1	$7^h.19^m.53^s.42$	α Serpentis.....	14	$15^h.32^m.57^s.10$	α Pegasi.....	23	$22^h.53^m.19^s.01$
Procyon.....	12	$7^h.27^m.15^s.05$	Antares.....	11	$16^h.15^m.20^s.40$	α Andromedæ....	23	$23^h.56^m.32^s.42$
Pollux.....	12	$7^h.31^m.12^s.55$						

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEARS 1768, 1769, 1770, 1771, 1772, AND 1779. {lxxiii}

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1771, for 1771, Jan. 1.

Assumed Mean R. A. of α Aquilæ for 1771, Jan. 1 = $19^h.39^m.36^s.44$.

Name of Star.	Number of Obs.	Mean R. A. 1771, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1771, Jan. 1.
γ Pegasi.....	41	$0^h.1.28^m.00^s$	Arcturus.....	38	$14^h.5.13^m.32^s$
α Arietis.....	26	$1.54.18.54$	α Coronæ.....	19	$15.24.59.82$
Aldebaran.....	21	$4.22.48.23$	α Serpentis.....	13	$15.33.0.13$
Rigel.....	23	$5.3.32.50$	Antares.....	11	$16.15.24.12$
α Orionis.....	22	$5.42.46.75$	α Ophiuchi.....	33	$17.24.18.74$
Procyon.....	30	$7.27.18.25$	α^2 Capricorni....	47	$20.5.19.90$
Pollux.....	26	$7.31.16.29$	α Aquarii.....	36	$21.54.0.93$
Regulus.....	23	$9.56.9.20$	α Pegasi.....	36	$22.53.22.06$
β Leonis.....	10	$11.37.21.86$	α Andromedæ....	44	$23.56.35.45$
Spica.....	12	$13.13.9.17$			

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1772, for 1772, Jan. 1.

Assumed Mean R. A. of α Aquilæ for 1772, Jan. 1 = $19^h.39^m.39^s.37$.

Name of Star.	Number of Obs.	Mean R. A. 1772, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1772, Jan. 1.
γ Pegasi.....	14	$0^h.1.31^m.16^s$	Arcturus.....	10	$14^h.5.16^m.10^s$
α Arietis.....	4	$1.54.21.99$	α Coronæ.....	10	$15.25.2.38$
Aldebaran.....	6	$4.22.51.56$	α Serpentis.....	5	$15.33.3.05$
Rigel.....	6	$5.3.35.28$	Antares.....	2	$16.15.27.71$
α Orionis.....	9	$5.42.50.05$	α Ophiuchi.....	17	$17.24.21.57$
Procyon.....	5	$7.27.21.32$	α^2 Capricorni....	22	$20.5.23.23$
Pollux.....	6	$7.31.20.02$	α Aquarii.....	18	$21.54.3.97$
Regulus.....	8	$9.56.12.43$	α Pegasi.....	15	$22.53.25.12$
β Leonis.....	3	$11.37.24.62$	α Andromedæ....	14	$23.56.38.77$
Spica.....	3	$13.13.12.37$			

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1779, for 1779, Jan. 1.

Assumed Mean R. A. of α Aquilæ for 1779, Jan. 1 = $19^h.39^m.59^s.88$.

Name of Star.	Number of Obs.	Mean R. A. 1779, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1779, Jan. 1.
γ Pegasi.....	10	$0^h.1.52^m.57^s$	α^1 Libræ.....	1	$14.38.29.80$
α Arietis.....	5	$1.54.45.40$	α^2 Libræ.....	3	$14.38.41.25$
α Ceti.....	4	$2.50.44.91$	α Coronæ.....	5	$15.25.20.08$
Aldebaran.....	4	$4.23.15.53$	α Serpentis.....	4	$15.33.23.76$
Rigel.....	7	$5.3.55.51$	α Herculis.....	2	$17.4.34.60$
β Tauri.....	9	$5.12.20.05$	α Ophiuchi.....	3	$17.24.41.06$
α Orionis.....	5	$5.43.12.64$	α Lyræ.....	6	$18.29.27.23$
Sirius.....	1	$6.35.24.62$	γ Aquilæ.....	14	$19.35.45.03$
Pollux.....	1	$7.31.46.07$	β Aquilæ.....	16	$19.44.27.41$
α Hydræ.....	1	$9.16.43.72$	α^2 Capricorni....	11	$20.5.46.79$
Regulus.....	1	$9.56.34.95$	α Cygni.....	3	$20.33.53.91$
β Leonis.....	3	$11.37.46.31$	α Aquarii.....	4	$21.54.25.76$
β Virginis.....	3	$11.39.10.97$	Fomalhaut.....	1	$22.45.24.09$
Spica.....	4	$13.13.34.60$	α Pegasi.....	8	$22.53.45.85$
Arcturus.....	5	$14.5.35.08$	α Andromedæ....	11	$23.56.59.98$

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CATALOGUE OF THE CONCLUDED MEAN RIGHT ASCENSIONS OF STARS COMPARED WITH α AQUILÆ,CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1780, for 1780, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1780, Jan. 1 = $19^h.40^m.2^s.81$.

Name of Star.	Number of Obs.	Mean R. A. 1780, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1780, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1780, Jan. 1.
γ Pegasi.....	15	$0^h.1^m.55^s.70$	α Hydræ.....	3	$9^h.16^m.46^s.60$	α Herculis.....	25	$17^h.4^m.37^s.49$
α Arietis.....	8	$1.54.48.64$	Regulus.....	7	$9.56.38.16$	α Ophiuchi.....	38	$17.24.43.84$
α Ceti.....	4	$2.50.47.92$	β Leonis.....	5	$11.37.49.29$	α Lyrae.....	32	$18.29.29.50$
Aldebaran.....	8	$4.23.18.97$	β Virginis.....	4	$11.39.14.17$	γ Aquilæ.....	56	$19.35.47.94$
Rigel.....	14	$5.3.58.39$	Spica.....	7	$13.13.37.57$	β Aquilæ.....	52	$19.44.30.37$
β Tauri.....	12	$5.12.23.90$	Arcturus.....	25	$14.5.37.97$	α^2 Capricorni....	32	$20.5.50.06$
α Orionis.....	11	$5.43.16.05$	α^2 Libræ.....	2	$14.38.44.49$	α Aquarii.....	15	$21.54.28.66$
Sirius.....	9	$6.35.27.14$	α Coronæ.....	36	$15.25.22.74$	Fomalhaut.....	1	$22.45.27.03$
Procyon.....	23	$7.27.46.53$	α Serpentis.....	34	$15.33.26.72$	α Pegasi.....	18	$22.53.48.93$
Pollux.....	21	$7.31.49.63$	Antares.....	14	$16.15.56.93$	α Andromedæ...	13	$23.57.3.13$

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1781, for 1781, Jan. 1.Assumed Mean R.A. of α Aquilæ, for 1781, Jan. 1 = $19^h.40^m.5^s.74$.

Name of Star.	Number of Obs.	Mean R. A. 1781, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1781, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1781, Jan. 1.
γ Pegasi.....	19	$0^h.1^m.58^s.76$	Pollux.....	12	$7.31.53.44$	α Ophiuchi.....	26	$17.24.46.55$
α Arietis.....	10	$1.54.52.02$	α Hydræ.....	4	$9.16.49.47$	α Lyrae.....	21	$18.29.31.58$
α Ceti.....	6	$2.50.50.99$	Regulus.....	5	$9.56.41.29$	γ Aquilæ.....	45	$19.35.50.75$
Aldebaran.....	5	$4.23.22.56$	β Leonis.....	5	$11.37.52.51$	β Aquilæ.....	43	$19.44.33.29$
Capella.....	2	$5.0.32.41$	β Virginis.....	2	$11.39.17.54$	α^2 Capricorni....	31	$20.5.53.35$
Rigel.....	6	$5.4.1.31$	Spica.....	5	$13.13.40.83$	α Cygni.....	5	$20.33.58.15$
β Tauri.....	8	$5.12.27.75$	Arcturus.....	23	$14.5.40.80$	α Aquarii.....	22	$21.54.31.77$
α Orionis.....	11	$5.43.19.27$	α^2 Libræ.....	1	$14.38.47.81$	Fomalhaut.....	2	$22.45.30.50$
Sirius.....	5	$6.35.30.04$	α Coronæ.....	12	$15.25.25.31$	α Pegasi.....	19	$22.53.51.87$
Castor.....	2	$7.20.35.93$	α Serpentis.....	6	$15.33.29.72$	α Andromedæ...	21	$23.57.6.30$
Procyon.....	10	$7.27.49.82$	Antares.....	1	$16.16.0.69$			

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1782, for 1782, Jan. 1.Assumed Mean R.A. of α Aquilæ, for 1782, Jan. 1 = $19^h.40^m.8^s.67$.

Name of Star.	Number of Obs.	Mean R. A. 1782, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1782, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1782, Jan. 1.
γ Pegasi.....	23	$0^h.2^m.1^s.82$	Pollux.....	26	$7.31.57.61$	α Herculis.....	16	$17.4.42.88$
α Arietis.....	18	$1.54.55.42$	α Hydræ.....	12	$9.16.52.27$	α Ophiuchi.....	40	$17.24.49.33$
α Ceti.....	12	$2.50.54.17$	Regulus.....	16	$9.56.44.52$	α Lyrae.....	31	$18.29.33.54$
Aldebaran.....	17	$4.23.25.86$	β Leonis.....	14	$11.37.55.51$	γ Aquilæ.....	54	$19.35.53.61$
Capella.....	11	$5.0.37.01$	β Virginis.....	3	$11.39.20.40$	β Aquilæ.....	51	$19.44.36.22$
Rigel.....	23	$5.4.4.10$	Spica.....	19	$13.13.43.81$	α^2 Capricorni....	30	$20.5.56.72$
β Tauri.....	23	$5.12.31.57$	Arcturus.....	32	$14.5.43.39$	α Cygni.....	9	$20.34.0.27$
α Orionis.....	17	$5.43.22.44$	α^2 Libræ.....	6	$14.38.50.95$	α Aquarii.....	19	$21.54.34.79$
Sirius.....	13	$6.35.32.49$	α Coronæ.....	25	$15.25.27.70$	Fomalhaut.....	10	$22.45.33.83$
Castor.....	7	$7.20.39.61$	α Serpentis.....	28	$15.33.32.49$	α Pegasi.....	19	$22.53.54.77$
Procyon.....	26	$7.27.52.79$	Antares.....	16	$16.16.4.29$	α Andromedæ...	25	$23.57.9.34$

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEARS 1780, 1781, 1782, 1783, 1784, AND 1785.

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CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1783, for 1783, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1783, Jan. 1 = $19^h.40^m.11^s.60$.

Name of Star.	Number of Obs.	Mean R. A. 1783, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1783, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1783, Jan. 1.
γ Pegasi.....	23	$0^h.2^m.4^s.95$	Pollux.....	25	$7.32.0^s.73$	α Herculis.....	17	$17.4.45^s.57$
α Arietis.....	22	$1.54.58^s.89$	α Hydræ.....	8	$9.16.55^s.29$	α Ophiuchi.....	40	$17.24.52^s.10$
α Ceti.....	11	$2.50.57^s.36$	Regulus.....	11	$9.56.47^s.83$	α Lyræ.....	38	$18.29.35^s.63$
Aldebaran.....	15	$4.23.29^s.37$	β Leonis.....	7	$11.37.58^s.65$	γ Aquilæ.....	57	$19.35.56^s.46$
Capella.....	10	$5.0.41^s.38$	β Virginis.....	4	$11.39.23^s.63$	β Aquilæ.....	51	$19.44.39^s.18$
Rigel.....	18	$5.4.7^s.02$	Spica.....	9	$13.13.46^s.98$	α^2 Capricorni.....	31	$20.6.0^s.02$
β Tauri.....	21	$5.12.35^s.35$	Arcturus.....	23	$14.5.46^s.11$	α Cygni.....	15	$20.34.2^s.29$
α Orionis.....	13	$5.43.25^s.76$	α^2 Libræ.....	3	$14.38.54^s.17$	α Aquarii.....	20	$21.54.37^s.92$
Sirius.....	15	$6.35.35^s.11$	α Coronæ.....	27	$15.25.30^s.28$	Fomalhaut.....	1	$22.45.37^s.29$
Castor.....	13	$7.20.43^s.47$	α Serpentis.....	15	$15.33.35^s.49$	α Pegasi.....	23	$22.53.57^s.83$
Procyon.....	26	$7.27.55^s.97$	Antares.....	4	$16.16.7^s.93$	α Andromedæ....	33	$23.57.12^s.41$

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1784, for 1784, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1784, Jan. 1 = $19^h.40^m.14^s.53$.

Name of Star.	Number of Obs.	Mean R. A. 1784, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1784, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1784, Jan. 1.
γ Pegasi.....	15	$0^h.2^m.7^s.99$	Pollux.....	18	$7.32.4^s.42$	α Ophiuchi.....	18	$17.24.54^s.91$
α Arietis.....	14	$1.55.2^s.17$	α Hydræ.....	2	$9.16.58^s.29$	α Lyræ.....	22	$18.29.37^s.62$
α Ceti.....	8	$2.51.0^s.42$	Regulus.....	7	$9.56.50^s.95$	γ Aquilæ.....	45	$19.35.59^s.31$
Aldebaran.....	13	$4.23.32^s.78$	β Leonis.....	6	$11.38.1^s.55$	β Aquilæ.....	35	$19.44.42^s.13$
Capella.....	2	$5.0.45^s.59$	Spica.....	8	$13.13.50^s.22$	α^2 Capricorni.....	23	$20.6.3^s.33$
Rigel.....	13	$5.4.9^s.87$	Arcturus.....	19	$14.5.48^s.93$	α Cygni.....	9	$20.34.4^s.43$
β Tauri.....	14	$5.12.39^s.11$	α^2 Libræ.....	2	$14.38.57^s.59$	α Aquarii.....	13	$21.54.40^s.99$
α Orionis.....	12	$5.43.28^s.96$	α Coronæ.....	13	$15.25.32^s.85$	Fomalhaut.....	2	$22.45.40^s.47$
Sirius.....	6	$6.35.37^s.74$	α Serpentis.....	9	$15.33.38^s.42$	α Pegasi.....	15	$22.54.0^s.76$
Castor.....	7	$7.20.47^s.33$	Antares.....	6	$16.16.11^s.51$	α Andromedæ....	18	$23.57.15^s.51$
Procyon.....	16	$7.27.59^s.12$	α Herculis.....	9	$17.4.48^s.34$			

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1785, for 1785, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1785, Jan. 1 = $19^h.40^m.17^s.46$.

Name of Star.	Number of Obs.	Mean R. A. 1785, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1785, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1785, Jan. 1.
γ Pegasi.....	12	$0^h.2^m.11^s.07$	Pollux.....	11	$7.32.8^s.11$	α Ophiuchi.....	20	$17.24.57^s.67$
α Arietis.....	6	$1.55.5^s.47$	α Hydræ.....	1	$9.17.1^s.16$	α Lyræ.....	24	$18.29.39^s.66$
α Ceti.....	5	$2.51.3^s.62$	Regulus.....	2	$9.56.54^s.10$	γ Aquilæ.....	52	$19.36.2^s.17$
Aldebaran.....	5	$4.23.36^s.13$	β Leonis.....	2	$11.38.4^s.79$	β Aquilæ.....	48	$19.44.45^s.14$
Capella.....	5	$5.0.50^s.05$	Spica.....	6	$13.13.53^s.33$	α^2 Capricorni.....	31	$20.6.6^s.72$
Rigel.....	8	$5.4.12^s.74$	Arcturus.....	13	$14.5.51^s.66$	α Cygni.....	13	$20.34.6^s.37$
β Tauri.....	8	$5.12.42^s.95$	α^2 Libræ.....	3	$14.39.0^s.89$	α Aquarii.....	11	$21.54.44^s.17$
α Orionis.....	9	$5.43.32^s.21$	α Coronæ.....	11	$15.25.35^s.44$	Fomalhaut.....	7	$22.45.43^s.95$
Sirius.....	7	$6.35.40^s.41$	α Serpentis.....	8	$15.33.41^s.44$	α Pegasi.....	15	$22.54.3^s.78$
Castor.....	9	$7.20.51^s.24$	Antares.....	8	$16.16.15^s.22$	α Andromedæ....	16	$23.57.18^s.53$
Procyon.....	14	$7.28.2^s.24$	α Herculis.....	10	$17.4.51^s.16$			

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CATALOGUE OF THE CONCLUDED MEAN RIGHT ASCENSIONS OF STARS COMPARED WITH α AQUILÆ,CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1796, for 1796, Jan. 1.

(The results are corrected for Error of Collimation by the numbers given by Dr. Maskelyne.)

Assumed Mean R. A. of α Aquilæ, for 1796, Jan. 1 = $19^h.40^m.49^s.35$.

Name of Star.	Number of Obs.	Mean R. A. 1796, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1796, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1796, Jan. 1.
γ Pegasi	11	$0. 2. 44. 52$	α Hydræ	6	$9. 17. 33. 40$	α Ophiuchi	22	$17. 25. 27. 93$
α Arietis	7	$1. 55. 42. 01$	Regulus	5	$9. 57. 29. 27$	α Lyræ	29	$18. 30. 1. 59$
α Ceti	7	$2. 51. 37. 48$	β Leonis	2	$11. 38. 38. 35$	γ Aquilæ	26	$19. 36. 33. 23$
Aldebaran	10	$4. 24. 13. 49$	Spica	5	$13. 14. 27. 67$	β Aquilæ	27	$19. 45. 17. 17$
Capella	6	$5. 1. 38. 21$	Arcturus	11	$14. 6. 21. 39$	α^1 Capricorni	18	$20. 6. 19. 47$
Rigel	9	$5. 4. 44. 19$	α^1 Libræ	1	$14. 39. 25. 48$	α^2 Capricorni	17	$20. 6. 43. 22$
β Tauri	9	$5. 13. 24. 11$	α^2 Libræ	1	$14. 39. 36. 82$	α Cygni	33	$20. 34. 28. 47$
α Orionis	11	$5. 44. 7. 59$	α Coronæ	7	$15. 26. 2. 95$	α Aquarii	15	$21. 55. 17. 71$
Sirius	5	$6. 36. 9. 44$	α Serpentis	6	$15. 34. 13. 52$	Fomalhaut	10	$22. 46. 20. 59$
Procyon	11	$7. 28. 36. 43$	Antares	8	$16. 16. 55. 29$	α Pegasi	15	$22. 54. 36. 23$
Pollux	11	$7. 32. 48. 23$	α Herculis	15	$17. 5. 20. 80$	α Andromedæ	11	$23. 57. 51. 99$

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1797, for 1797, Jan. 1.

(The results are corrected for Error of Collimation.)

Assumed Mean R. A. of α Aquilæ for 1797, Jan. 1 = $19^h.40^m.52^s.27$.

Name of Star.	Number of Obs.	Mean R. A. 1797, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1797, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1797, Jan. 1.
γ Pegasi	8	$0. 2. 47. 53$	α Hydræ	6	$9. 17. 36. 33$	α Ophiuchi	24	$17. 25. 30. 73$
α Arietis	12	$1. 55. 45. 31$	Regulus	5	$9. 57. 32. 39$	α Lyræ	29	$18. 30. 3. 65$
α Ceti	11	$2. 51. 40. 65$	β Leonis	5	$11. 38. 41. 39$	γ Aquilæ	23	$19. 36. 36. 12$
Aldebaran	19	$4. 24. 16. 87$	β Virginis	3	$11. 40. 6. 88$	β Aquilæ	25	$19. 45. 20. 13$
Capella	18	$5. 1. 42. 66$	Spica	3	$13. 14. 30. 75$	α^1 Capricorni	16	$20. 6. 22. 81$
Rigel	16	$5. 4. 46. 96$	Arcturus	16	$14. 6. 24. 09$	α^2 Capricorni	16	$20. 6. 46. 53$
β Tauri	17	$5. 13. 27. 88$	α^1 Libræ	2	$14. 39. 28. 76$	α Cygni	31	$20. 34. 30. 54$
α Orionis	16	$5. 44. 10. 75$	α^2 Libræ	2	$14. 39. 40. 24$	α Aquarii	7	$21. 55. 20. 78$
Sirius	5	$6. 36. 11. 90$	α Coronæ	10	$15. 26. 5. 55$	Fomalhaut	6	$22. 46. 23. 84$
Castor	5	$7. 21. 36. 93$	α Serpentis	9	$15. 34. 16. 45$	α Pegasi	11	$22. 54. 39. 11$
Procyon	13	$7. 28. 39. 62$	Antares	5	$16. 16. 58. 88$	α Andromedæ ...	16	$23. 57. 54. 99$
Pollux	16	$7. 32. 52. 06$	α Herculis	11	$17. 5. 23. 49$			

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1798, for 1798, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1798, Jan. 1 = $19^h.40^m.55^s.19$.

Name of Star.	Number of Obs.	Mean R. A. 1798, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1798, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1798, Jan. 1.
γ Pegasi	10	$0. 2. 50. 51$	Pollux	12	$7. 32. 55. 65$	α Lyræ	21	$18. 30. 5. 64$
α Arietis	10	$1. 55. 48. 55$	α Hydræ	3	$9. 17. 39. 19$	γ Aquilæ	14	$19. 36. 38. 95$
α Ceti	7	$2. 51. 43. 69$	Regulus	2	$9. 57. 35. 59$	β Aquilæ	11	$19. 45. 23. 05$
Aldebaran	10	$4. 24. 20. 37$	β Leonis	3	$11. 38. 44. 37$	α^1 Capricorni	5	$20. 6. 26. 02$
Capella	11	$5. 1. 47. 08$	Spica	3	$13. 14. 33. 89$	α^2 Capricorni	9	$20. 6. 49. 82$
Rigel	12	$5. 4. 49. 76$	Arcturus	27	$14. 6. 26. 76$	α Cygni	29	$20. 34. 32. 49$
β Tauri	12	$5. 13. 31. 66$	α Coronæ	12	$15. 26. 8. 00$	α Aquarii	19	$21. 55. 23. 85$
α Orionis	8	$5. 44. 13. 96$	α Serpentis	10	$15. 34. 19. 33$	Fomalhaut	10	$22. 46. 27. 09$
Sirius	4	$6. 36. 14. 55$	Antares	4	$16. 17. 2. 53$	α Pegasi	13	$22. 54. 42. 00$
Castor	12	$7. 21. 40. 85$	α Herculis	9	$17. 5. 26. 22$	α Andromedæ ...	11	$23. 57. 58. 02$
Procyon	14	$7. 28. 42. 66$	α Ophiuchi	15	$17. 25. 33. 44$			

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEARS 1796, 1797, 1798, 1799, 1800, AND 1801.

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CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1799, for 1799, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1799, Jan. 1 = $19^h.40^m.53^s.11$.

Name of Star.	Number of Obs.	Mean R. A. 1799, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1799, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1799, Jan. 1.
γ Pegasi.....	12	$0. 2. 53.66$	α Hydræ.....	4	$9. 17. 42.22$	α Ophiuchi.....	11	$17. 25. 36.26$
α Arietis.....	6	$1. 55. 52.03$	Regulus.....	11	$9. 57. 38.82$	α Lyrae.....	15	$18. 30. 7.62$
α Ceti.....	6	$2. 51. 46.81$	β Leonis.....	6	$11. 38. 47.37$	γ Aquilæ.....	29	$19. 36. 41.71$
Aldebaran.....	8	$4. 24. 23.87$	β Virginis.....	1	$11. 40. 12.99$	β Aquilæ.....	25	$19. 45. 26.00$
Capella.....	7	$5. 1. 51.59$	Spica.....	4	$13. 14. 37.03$	α^1 Capricorni....	15	$20. 6. 29.45$
Rigel.....	6	$5. 4. 52.83$	Arcturus.....	19	$14. 6. 29.43$	α^2 Capricorni....	17	$20. 6. 53.21$
β Tauri.....	5	$5. 13. 35.51$	α^1 Libræ.....	1	$14. 39. 35.65$	α Cygni.....	15	$20. 34. 34.62$
α Orionis.....	3	$5. 44. 17.40$	α^2 Libræ.....	1	$14. 39. 46.95$	α Aquarii.....	14	$21. 55. 26.94$
Sirius.....	2	$6. 36. 17.16$	α Coronæ.....	2	$15. 26. 10.42$	Fomalhaut.....	3	$22. 46. 30.52$
Castor.....	1	$7. 21. 44.42$	α Serpentis.....	2	$15. 34. 22.28$	α Pegasi.....	13	$22. 54. 45.03$
Procyon.....	11	$7. 28. 45.97$	Antares.....	1	$16. 17. 6.13$	α Andromedæ....	12	$23. 58. 1.10$
Pollux.....	11	$7. 32. 59.38$	α Herculis.....	6	$17. 5. 28.95$			

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1800, for 1800, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1800, Jan. 1 = $19^h.41^m.1^s.02$.

Name of Star.	Number of Obs.	Mean R. A. 1800, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1800, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1800, Jan. 1.
γ Pegasi.....	4	$0. 2. 56.72$	Pollux.....	15	$7. 33. 3.10$	α Ophiuchi.....	16	$17. 25. 38.99$
α Arietis.....	5	$1. 55. 55.29$	α Hydræ.....	2	$9. 17. 45.25$	α Lyrae.....	26	$18. 30. 9.66$
α Ceti.....	6	$2. 51. 49.95$	Regulus.....	2	$9. 57. 42.18$	γ Aquilæ.....	41	$19. 36. 44.57$
Aldebaran.....	8	$4. 24. 27.14$	β Leonis.....	5	$11. 38. 50.50$	β Aquilæ.....	36	$19. 45. 28.93$
Capella.....	11	$5. 1. 55.74$	β Virginis.....	1	$11. 40. 16.71$	α^1 Capricorni....	21	$20. 6. 32.75$
Rigel.....	11	$5. 4. 55.59$	Spica.....	4	$13. 14. 40.09$	α^2 Capricorni....	20	$20. 6. 56.54$
β Tauri.....	10	$5. 13. 39.18$	Arcturus.....	12	$14. 6. 32.20$	α Cygni.....	20	$20. 34. 36.56$
α Orionis.....	11	$5. 44. 20.54$	α Coronæ.....	7	$15. 26. 13.02$	α Aquarii.....	11	$21. 55. 30.03$
Sirius.....	8	$6. 36. 19.87$	α Serpentis.....	9	$15. 34. 25.22$	Fomalhaut.....	4	$22. 46. 33.92$
Castor.....	4	$7. 21. 48.62$	Antares.....	6	$16. 17. 9.87$	α Pegasi.....	5	$22. 54. 48.00$
Procyon.....	13	$7. 28. 49.14$	α Herculis.....	10	$17. 5. 31.62$	α Andromedæ....	6	$23. 58. 4.20$

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1801, for 1801, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1801, Jan. 1 = $19^h.41^m.3^s.94$.

Name of Star.	Number of Obs.	Mean R. A. 1801, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1801, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1801, Jan. 1.
γ Pegasi.....	12	$0. 2. 59.83$	Regulus.....	3	$9. 57. 45.11$	α Ophiuchi.....	10	$17. 25. 41.78$
α Arietis.....	4	$1. 55. 58.79$	β Leonis.....	3	$11. 38. 53.38$	α Lyrae.....	9	$18. 30. 11.70$
Aldebaran.....	2	$4. 24. 30.72$	β Virginis.....	2	$11. 40. 19.28$	γ Aquilæ.....	24	$19. 36. 47.37$
Capella.....	4	$5. 2. 0.55$	Spica.....	6	$13. 14. 43.21$	β Aquilæ.....	22	$19. 45. 31.85$
Rigel.....	3	$5. 4. 58.63$	Arcturus.....	17	$14. 6. 34.86$	α^1 Capricorni....	18	$20. 6. 36.09$
β Tauri.....	1	$5. 13. 43.17$	α^1 Libræ.....	1	$14. 37. 41.99$	α^2 Capricorni....	18	$20. 6. 59.89$
Sirius.....	3	$6. 36. 22.54$	α^2 Libræ.....	1	$14. 37. 52.99$	α Cygni.....	7	$20. 34. 38.46$
Castor.....	7	$7. 21. 52.36$	α Coronæ.....	5	$15. 26. 15.64$	α Aquarii.....	13	$21. 55. 33.15$
Procyon.....	14	$7. 28. 52.20$	α Serpentis.....	7	$15. 34. 28.17$	Fomalhaut.....	11	$22. 46. 37.31$
Pollux.....	15	$7. 33. 6.77$	Antares.....	1	$16. 17. 13.46$	α Pegasi.....	16	$22. 54. 51.06$
α Hydræ.....	4	$9. 17. 48.18$	α Herculis.....	6	$17. 5. 34.50$	α Andromedæ....	13	$23. 58. 7.35$

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CATALOGUE OF THE CONCLUDED MEAN RIGHT ASCENSIONS OF STARS COMPARED WITH α AQUILÆ,CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1803, for 1803, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1803, Jan. 1 = $19^h.41^m.10^s.06$.

Name of Star.	Number of Obs.	Mean R. A. 1803, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1803, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1803, Jan. 1.
γ Pegasi.....	3	$0^h.3^m.6^s.19$	γ Aquilæ.....	12	$19^h.36^m.53^s.51$	α Aquarii.....	3	$21^h.55^m.39^s.55$
α Arietis.....	1	$1.56.5.81$	β Aquilæ.....	9	$19.45.38.02$	Fomalhaut.....	4	$22.46.43.99$
Spica.....	2	$13.14.49.52$	α^1 Capricorni....	7	$20.6.42.84$	α Pegasi.....	4	$22.54.57.27$
Arcturus.....	4	$14.6.40.54$	α^2 Capricorni....	7	$20.7.6.75$	α Andromedæ....	3	$23.58.13.75$
α Lyræ.....	1	$18.30.16.42$	α Cygni.....	4	$20.34.42.92$			

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1804, for 1804, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1804, Jan. 1 = $19^h.41^m.12^s.98$.

Name of Star.	Number of Obs.	Mean R. A. 1804, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1804, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1804, Jan. 1.
γ Pegasi.....	10	$0^h.3^m.9^s.32$	Pollux.....	14	$7.33.18.14$	α Ophiuchi.....	20	$17.25.50.41$
α Arietis.....	3	$1.56.9.11$	α Hydræ.....	1	$9.17.56.99$	α Lyræ.....	5	$18.30.18.09$
α Ceti.....	2	$2.52.2.68$	Regulus.....	2	$9.57.54.93$	γ Aquilæ.....	39	$19.36.56.36$
Aldebaran.....	3	$4.24.41.28$	β Leonis.....	3	$11.39.3.02$	β Aquilæ.....	42	$19.45.40.95$
Capella.....	7	$5.2.13.92$	β Virginis.....	1	$11.40.28.76$	α^1 Capricorni....	29	$20.6.46.27$
Rigel.....	5	$5.5.7.20$	Spica.....	3	$13.14.52.82$	α^2 Capricorni....	30	$20.7.10.05$
β Tauri.....	4	$5.13.54.50$	Arcturus.....	16	$14.6.43.53$	α Cygni.....	14	$20.34.44.88$
α Orionis.....	3	$5.44.33.92$	α Coronæ.....	9	$15.26.23.53$	α Aquarii.....	5	$21.55.42.56$
Sirius.....	6	$6.36.30.48$	α Serpentis.....	7	$15.34.37.21$	Fomalhaut.....	3	$22.46.47.24$
Castor.....	4	$7.22.4.24$	Antares.....	3	$16.17.24.48$	α Pegasi.....	9	$22.55.0.31$
Procyon.....	11	$7.29.1.90$	α Herculis.....	16	$17.5.42.90$	α Andromedæ....	9	$23.58.16.90$

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS compared with α AQUILÆ in the Year 1805, for 1805, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1805, Jan. 1 = $19^h.41^m.15^s.91$.

Name of Star.	Number of Obs.	Mean R. A. 1805, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1805, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1805, Jan. 1.
γ Pegasi.....	14	$0^h.3^m.12^s.33$	Pollux.....	30	$7.33.21.75$	α Ophiuchi.....	15	$17.25.53.08$
α Arietis.....	4	$1.56.12.30$	α Hydræ.....	8	$9.18.0.06$	α Lyræ.....	19	$18.30.20.14$
α Ceti.....	2	$2.52.5.79$	Regulus.....	8	$9.57.58.25$	γ Aquilæ.....	36	$19.36.59.17$
Aldebaran.....	5	$4.24.44.50$	β Leonis.....	3	$11.39.6.16$	β Aquilæ.....	37	$19.45.43.88$
Capella.....	4	$5.2.18.12$	β Virginis.....	3	$11.40.31.98$	α^1 Capricorni....	31	$20.6.49.59$
Rigel.....	10	$5.5.10.07$	Spica.....	6	$13.14.56.30$	α^2 Capricorni....	31	$20.7.13.36$
β Tauri.....	12	$5.13.58.35$	Arcturus.....	20	$14.6.46.10$	α Cygni.....	31	$20.34.47.11$
α Orionis.....	11	$5.44.36.87$	α Coronæ.....	9	$15.26.25.92$	α Aquarii.....	16	$21.55.45.66$
Sirius.....	17	$6.36.33.02$	α Serpentis.....	8	$15.34.40.14$	Fomalhaut.....	11	$22.46.50.65$
Castor.....	19	$7.22.8.01$	Antares.....	1	$16.17.27.92$	α Pegasi.....	17	$22.55.3.15$
Procyon.....	30	$7.29.5.06$	α Herculis.....	8	$17.5.45.50$	α Andromedæ....	14	$23.58.19.80$

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of Stars compared with α AQUILÆ in the Year 1806, for 1806, Jan. 1.Assumed Mean R. A. for α Aquilæ, for 1806, Jan. 1 = $19^h.41^m.18^s.83$.

Name of Star.	Number of Obs.	Mean R. A. 1806, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1806, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1806, Jan. 1.
γ Pegasi.....	13	$0^h.3^m.15^s.42$	Capella.....	3	$5.2.22.50$	Sirius.....	3	$6.36.35.83$
α Arietis.....	2	$1.56.15.79$	Rigel.....	4	$5.5.12.97$	Castor.....	7	$7.22.11.93$
α Ceti.....	3	$2.52.8.89$	β Tauri.....	3	$5.14.2.17$	Procyon.....	13	$7.29.8.32$
Aldebaran.....	3	$4.24.47.81$	α Orionis.....	3	$5.44.40.24$	Pollux.....	13	$7.33.25.56$

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS of STARS in the Year 1806—*continued*.

Name of Star.	Number of Obs.	Mean R. A. 1806, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1806, Jan. 1.
α Hydræ	1	^h 9. 18. 3 ^m 20 ^s	α Lyræ	16	^h 18. 30. 22 ^m 21 ^s
Regulus	2	9. 58. 1 ^m 64 ^s	γ Aquilæ	31	19. 37. 2 ^m 02 ^s
β Leonis	3	11. 39. 9 ^m 26 ^s	β Aquilæ	33	19. 45. 46 ^m 83 ^s
β Virginis	1	11. 40. 35 ^m 41 ^s	α^1 Capricorni	16	20. 6. 52 ^m 95 ^s
Spica	1	13. 14. 59 ^m 27 ^s	α^2 Capricorni	17	20. 7. 16 ^m 77 ^s
Arcturus	7	14. 6. 48 ^m 90 ^s	α Cygni	10	20. 34. 49 ^m 22 ^s
α Coronæ	7	15. 26. 28 ^m 52 ^s	α Aquarii	8	21. 55. 48 ^m 77 ^s
α Serpentis	5	15. 34. 43 ^m 02 ^s	Fomalhaut	7	22. 46. 54 ^m 08 ^s
α Herculis	9	17. 5. 48 ^m 26 ^s	α Pegasi	12	22. 55. 6 ^m 19 ^s
α Ophiuchi	17	17. 25. 55 ^m 82 ^s	α Andromedæ	11	23. 58. 22 ^m 92 ^s

CATALOGUE of the CONCLUDED MEAN RIGHT ASCENSIONS OF STARS compared with α Aquilæ in the Year 1807, for 1807, Jan. 1.Assumed Mean R. A. of α Aquilæ, for 1807, Jan. 1. = 19^h. 41^m. 21^s 75.

Name of Star.	Number of Obs.	Mean R. A. 1807, Jan. 1.	Name of Star.	Number of Obs.	Mean R. A. 1807, Jan. 1.
γ Pegasi	10	^h 0. 3. 18 ^m 49 ^s	α^2 Libræ	3	^h 14. 40. 13 ^m 25 ^s
α Arietis	6	1. 56. 19 ^m 07 ^s	α Coronæ	9	15. 26. 31 ^m 08 ^s
α Ceti	7	2. 52. 11 ^m 97 ^s	α Serpentis	9	15. 34. 46 ^m 09 ^s
Aldebaran	9	4. 24. 51 ^m 46 ^s	Antares	6	16. 17. 35 ^m 43 ^s
Capella	16	5. 2. 26 ^m 91 ^s	α Herculis	15	17. 5. 51 ^m 03 ^s
Rigel	15	5. 5. 15 ^m 91 ^s	α Ophiuchi	26	17. 25. 58 ^m 71 ^s
β Tauri	18	5. 14. 6 ^m 00 ^s	α Lyræ	35	18. 30. 24 ^m 16 ^s
α Orionis	12	5. 44. 43 ^m 43 ^s	γ Aquilæ	32	19. 37. 4 ^m 85 ^s
Sirius	11	6. 36. 38 ^m 34 ^s	β Aquilæ	30	19. 45. 49 ^m 80 ^s
Castor	10	7. 22. 15 ^m 76 ^s	α^1 Capricorni	15	20. 6. 56 ^m 27 ^s
Procyon	12	7. 29. 11 ^m 45 ^s	α^2 Capricorni	14	20. 7. 20 ^m 10 ^s
Pollux	11	7. 33. 29 ^m 21 ^s	α Cygni	23	20. 34. 51 ^m 17 ^s
Regulus	1	9. 58. 4 ^m 60 ^s	ζ Cygni	1	21. 6. 44 ^m 32 ^s
β Leonis	2	11. 39. 12 ^m 21 ^s	α Aquarii	14	21. 55. 51 ^m 89 ^s
β Virginis	1	11. 40. 38 ^m 41 ^s	Fomalhaut	8	22. 46. 57 ^m 35 ^s
Spica	3	13. 15. 2 ^m 27 ^s	α Pegasi	11	22. 55. 9 ^m 11 ^s
Arcturus	12	14. 6. 51 ^m 75 ^s	α Andromedæ	10	23. 58. 25 ^m 98 ^s
α^1 Libræ	1	14. 40. 1 ^m 78 ^s			

ERRORS OF THE ASSUMED POSITION
OF THE
FIRST POINT OF ARIES,
AS DEDUCED BY DR. MASKELYNE,

FROM COMPARISON OF THE OBSERVED RIGHT ASCENSIONS OF THE SUN DEPENDING ON THE ASSUMED
RIGHT ASCENSION OF α AQUILÆ, WITH THE RIGHT ASCENSIONS COMPUTED FROM THE
DECLINATIONS OBSERVED WITH THE MURAL QUADRANT;

From 1765 to 1771 ;

From 1782 to 1786 ;

and

From 1798 to 1806 :

WITH AN ABSTRACT OF THE
ASSUMED AND CORRECTED RIGHT ASCENSIONS OF α AQUILÆ.

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ERRORS OF THE ASSUMED POSITION OF THE FIRST POINT OF ARIES, FROM OBSERVATIONS

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Autumnal Equinox of 1765 and the Vernal Equinox of 1766.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.

Assumed Mean Obliquity, 1765, Jan. 1 = $23^{\circ}.28'.11''\cdot0$; 1766, Jan. 1 = $23^{\circ}.28'.10''\cdot5$.

Assumed Mean R. A. of α Aquilæ, 1765, Jan. 1 = $19^{\text{h}}.39^{\text{m}}.18^{\text{s}}\cdot64$; 1766, Jan. 1 = $19^{\text{h}}.39^{\text{m}}.21^{\text{s}}\cdot54$.

Month and Day, 1765.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1766.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
August 3	$133^{\circ}.42'.54''\cdot1$	$133^{\circ}.43'.13''\cdot6$	+ $19''\cdot5$	May 7	$44^{\circ}.22'.1''\cdot2$	$44^{\circ}.21'.56''\cdot9$	— $4''\cdot3$
6	$136.36.0\cdot9$	$136.36.27\cdot0$	+ $26\cdot1$	6	$43.24.8\cdot1$	$43.24.2\cdot5$	— $5\cdot6$
11	$141.21.40\cdot3$	$141.21.41\cdot0$	+ $0\cdot7$	April 30	$37.39.14\cdot7$	$37.39.7\cdot0$	— $7\cdot7$
16	$146.3.48\cdot4$	$146.3.54\cdot9$	+ $6\cdot5$	29	$36.42.3\cdot1$	$36.42.11\cdot1$	+ $8\cdot0$
19	$148.51.33\cdot4$	$148.51.46\cdot9$	+ $13\cdot5$	25	$32.55.41\cdot4$	$32.55.25\cdot5$	— $15\cdot9$
21	$150.42.40\cdot6$	$150.42.58\cdot2$	+ $17\cdot6$	20	$28.14.56\cdot4$	$28.14.55\cdot0$	— $1\cdot4$
23	$152.33.32\cdot7$	$152.33.43\cdot7$	+ $11\cdot0$	19	$27.19.3\cdot3$	$27.19.11\cdot7$	+ $8\cdot4$
26	$155.18.50\cdot5$	$155.18.57\cdot5$	+ $7\cdot0$	16	$24.32.22\cdot2$	$24.32.23\cdot9$	+ $1\cdot7$
27	$156.13.44\cdot5$	$156.13.53\cdot2$	+ $8\cdot7$	15	$23.36.57\cdot0$	$23.36.56\cdot2$	— $0\cdot8$
28	$157.8.30\cdot7$	$157.8.44\cdot2$	+ $13\cdot5$	13	$21.46.21\cdot1$	$21.46.15\cdot7$	— $5\cdot4$
30	$158.57.53\cdot4$	$158.57.57\cdot6$	+ $4\cdot2$	12	$20.51.11\cdot1$	$20.51.16\cdot5$	+ $5\cdot4$
September 2	$161.41.12\cdot4$	$161.41.17\cdot7$	+ $5\cdot3$	9	$18.6.8\cdot0$	$18.6.6\cdot7$	— $1\cdot3$
4	$163.29.56\cdot2$	$163.29.57\cdot1$	+ $0\cdot9$	8	$17.11.12\cdot3$	$17.11.8\cdot2$	— $4\cdot1$
15	$173.24.3\cdot7$	$173.24.8\cdot4$	+ $4\cdot7$	March 28	$7.10.35\cdot5$	$7.10.50\cdot3$	+ $14\cdot8$
22	$179.41.31\cdot6$	$179.41.38\cdot8$	+ $7\cdot2$	20	$359.55.6\cdot3$	$359.55.8\cdot6$	+ $2\cdot3$
26	$183.17.40\cdot5$	$183.17.47\cdot1$	+ $6\cdot6$	17	$357.11.15\cdot7$	$357.11.21\cdot8$	+ $6\cdot1$
27	$184.11.46\cdot9$	$184.11.49\cdot7$	+ $2\cdot8$	16	$356.16.31\cdot5$	$356.16.46\cdot8$	+ $15\cdot3$
29	$186.0.10\cdot0$	$186.0.8\cdot6$	— $1\cdot4$	14	$354.27.1\cdot3$	$354.27.9\cdot2$	+ $7\cdot9$
October 2	$188.43.21\cdot3$	$188.43.18\cdot3$	— $3\cdot0$	11	$351.42.10\cdot8$	$351.42.19\cdot7$	+ $8\cdot9$
3	$189.37.54\cdot6$	$189.37.52\cdot7$	— $1\cdot9$	9	$349.51.55\cdot9$	$349.52.3\cdot5$	+ $7\cdot6$
5	$191.27.10\cdot5$	$191.27.11\cdot3$	+ $0\cdot8$	8	$348.56.41\cdot5$	$348.56.36\cdot8$	— $4\cdot7$
11	$196.57.48\cdot7$	$196.57.44\cdot3$	— $4\cdot4$	4	$345.14.41\cdot5$	$345.14.42\cdot9$	+ $1\cdot4$
18	$203.29.8\cdot1$	$203.29.18\cdot5$	+ $10\cdot4$	February 20	$333.57.2\cdot7$	$333.56.58\cdot3$	— $4\cdot4$
November 3	$218.54.18\cdot4$	$218.54.13\cdot4$	— $5\cdot0$	7	$321.15.45\cdot1$	$321.15.49\cdot5$	+ $4\cdot4$
6	$221.53.33\cdot4$	$221.53.28\cdot2$	— $5\cdot2$	4	$318.15.27\cdot7$	$318.15.14\cdot6$	— $13\cdot1$
8	$223.53.50\cdot8$	$223.53.38\cdot1$	— $12\cdot7$	2	$316.14.16\cdot9$	$316.14.12\cdot7$	— $4\cdot2$
Mean + $5\cdot13$				Mean + $0\cdot74$			

The correction to the Assumed R. A. of α Aquilæ, and consequently to the R. A. of all stars, is $\frac{+0''\cdot74 + 5''\cdot13}{2} = +2''\cdot93 = +0''\cdot20$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Autumnal Equinox of 1766.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.

Assumed Mean Obliquity, 1766, Jan. 1 = $23^{\circ}.28'.10''\cdot7$; Assumed Mean R. A. of α Aquilæ, 1766, Jan. 1 = $19^{\text{h}}.39^{\text{m}}.21^{\text{s}}\cdot54$.

Month and Day, 1766.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1766.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
August 11	$141^{\circ}.8'.15''\cdot2$	$141^{\circ}.8'.25''\cdot3$	+ $10''\cdot1$	September 20	$177^{\circ}.40'.48''\cdot4$	$177^{\circ}.40'.52''\cdot1$	+ $3''\cdot7$
22	$151.24.57\cdot4$	$151.25.3\cdot4$	+ $6\cdot0$	22	$179.28.38\cdot1$	$179.28.43\cdot8$	+ $5\cdot7$
26	$155.5.34\cdot9$	$155.5.50\cdot8$	+ $15\cdot9$	29	$185.47.17\cdot7$	$185.47.20\cdot1$	+ $2\cdot4$
31	$159.39.24\cdot6$	$159.39.22\cdot0$	— $2\cdot6$	October 18	$203.15.55\cdot5$	$203.15.49\cdot1$	— $6\cdot4$
September 3	$162.22.42\cdot6$	$162.22.51\cdot8$	+ $9\cdot2$	November 1	$216.42.10\cdot5$	$216.42.5\cdot4$	— $5\cdot1$
4	$163.17.1\cdot3$	$163.17.5\cdot2$	+ $3\cdot9$	6	$221.39.17\cdot4$	$221.39.12\cdot4$	— $5\cdot0$
7	$165.59.42\cdot0$	$165.59.42\cdot7$	+ $0\cdot7$	9	$224.40.4\cdot2$	$224.40.9\cdot6$	+ $5\cdot4$
9	$167.47.53\cdot4$	$167.47.48\cdot0$	— $5\cdot4$	10	$225.40.46\cdot6$	$225.40.45\cdot0$	— $1\cdot6$
15	$173.11.26\cdot1$	$173.11.26\cdot1$	$0\cdot0$	11	$226.41.42\cdot1$	$226.41.38\cdot5$	— $3\cdot6$
18	$175.53.2\cdot7$	$175.53.4\cdot2$	+ $1\cdot5$				
Mean + $1''\cdot83$.							

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEARS 1765, 1766, AND 1767.

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Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal Equinox of 1767.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.Assumed Mean Obliquity, 1767, Jan. 1 = $23^{\circ}.28'.10''.2$; Assumed Mean R. A. of α Aquilæ, 1767, Jan. 1 = $19^h.39^m.24^s.49$.

Month and Day, 1767.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1767.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
May 1	$38^{\circ}.22'.39''.4$	$38^{\circ}.22'.41''.1$	$+ 1''.7$	March 24	$3^{\circ}.19'.35''.4$	$3^{\circ}.19'.50''.4$	$+ 15''.0$
April 20	$28^{\circ}.1'.14''.8$	$28^{\circ}.1'.14''.2$	$- 0''.6$	21	$0^{\circ}.36'.8''.7$	$0^{\circ}.36'.21''.4$	$+ 12''.7$
17	$25^{\circ}.14'.16''.3$	$25^{\circ}.14'.20''.4$	$+ 4''.1$	13	$353^{\circ}.18'.48''.4$	$353^{\circ}.18'.53''.9$	$+ 5''.5$
13	$21^{\circ}.33'.8''.2$	$21^{\circ}.32'.59''.1$	$- 9''.1$	February 23	$336^{\circ}.34'.19''.6$	$336^{\circ}.34'.28''.3$	$+ 8''.7$
9	$17^{\circ}.52'.50''.1$	$17^{\circ}.53'.0''.5$	$+ 10''.4$	8	$322^{\circ}.1'.0''.9$	$322^{\circ}.1'.20''.0$	$+ 19''.1$
8	$16^{\circ}.57'.59''.8$	$16^{\circ}.58'.6''.6$	$+ 6''.8$	4	$318^{\circ}.0'.57''.3$	$318^{\circ}.0'.53''.6$	$- 3''.7$
5	$14^{\circ}.13'.45''.6$	$14^{\circ}.13'.55''.5$	$+ 9''.9$	2	$315^{\circ}.59'.41''.4$	$315^{\circ}.59'.53''.8$	$+ 12''.4$
3	$12^{\circ}.24'.33''.3$	$12^{\circ}.24'.37''.6$	$+ 4''.3$	1	$314^{\circ}.58'.37''.2$	$314^{\circ}.58'.48''.3$	$+ 11''.1$
March 27	$6^{\circ}.2'.49''.0$	$6^{\circ}.2'.59''.6$	$+ 10''.6$	January 30	$312^{\circ}.56'.1''.2$	$312^{\circ}.56'.18''.4$	$+ 17''.2$
25	$4^{\circ}.14'.4''.0$	$4^{\circ}.14'.17''.2$	$+ 13''.2$				

Mean + $7''.86$.

The correction applicable to the Right Ascensions of all stars from the observations of 1766 and 1767 is $\frac{+1''.83 + 7''.86}{2} = +4''.85 = +0^s.32$.
 This result corresponds to the R. A. of α Aquilæ assumed in Dr. Maskelyne's First Method of Reduction, viz., $19^h.39^m.18^s.64$, for Jan. 1, 1765.
 This is followed by a duplicate calculation for the same equinoxes proceeding from a different assumption of the R. A. of α Aquilæ.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Autumnal Equinox of 1766, and the Vernal Equinox of 1767.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.Assumed Mean Obliquity, 1766, Jan. 1 = $23^{\circ}.28'.10''.7$; 1767, Jan. 1 = $23^{\circ}.28'.10''.2$.Assumed Mean R. A. of α Aquilæ, 1766, Jan. 1 = $19^h.39^m.21^s.77$; 1767, Jan. 1 = $19^h.39^m.24^s.72$.

Month and Day, 1766.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1767.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
August 11	$141^{\circ}.8'.18''.9$	$141^{\circ}.8'.25''.3$	$+ 6''.4$	May 1	$38^{\circ}.22'.43''.7$	$38^{\circ}.22'.41''.1$	$- 2''.6$
22	$151^{\circ}.25'.1''.0$	$151^{\circ}.25'.3''.4$	$+ 2''.4$	April 20	$28^{\circ}.1'.18''.5$	$28^{\circ}.1'.14''.2$	$- 4''.3$
26	$155^{\circ}.5'.38''.6$	$155^{\circ}.5'.50''.8$	$+ 12''.2$	17	$25^{\circ}.14'.20''.2$	$25^{\circ}.14'.20''.2$	$+ 0''.2$
31	$159^{\circ}.39'.28''.3$	$159^{\circ}.39'.22''.0$	$- 6''.3$	13	$21^{\circ}.33'.11''.3$	$21^{\circ}.32'.59''.1$	$- 12''.2$
September 3	$162^{\circ}.22'.46''.3$	$162^{\circ}.22'.51''.8$	$+ 5''.5$	9	$17^{\circ}.52'.53''.5$	$17^{\circ}.53'.0''.5$	$+ 7''.0$
4	$163^{\circ}.17'.5''.0$	$163^{\circ}.17'.5''.2$	$+ 0''.2$	8	$16^{\circ}.58'.2''.8$	$16^{\circ}.58'.6''.6$	$+ 3''.8$
7	$165^{\circ}.59'.44''.5$	$165^{\circ}.59'.42''.7$	$- 1''.8$	5	$14^{\circ}.13'.49''.3$	$14^{\circ}.13'.55''.5$	$+ 6''.2$
9	$167^{\circ}.47'.56''.8$	$167^{\circ}.47'.48''.0$	$- 8''.8$	3	$12^{\circ}.24'.37''.0$	$12^{\circ}.24'.37''.6$	$+ 0''.6$
15	$173^{\circ}.11'.29''.8$	$173^{\circ}.11'.26''.1$	$- 3''.7$	March 27	$6^{\circ}.2'.52''.7$	$6^{\circ}.2'.59''.6$	$+ 6''.9$
18	$175^{\circ}.53'.6''.6$	$175^{\circ}.53'.4''.2$	$- 2''.4$	25	$4^{\circ}.14'.7''.6$	$4^{\circ}.14'.17''.2$	$+ 9''.6$
20	$177^{\circ}.40'.52''.1$	$177^{\circ}.40'.52''.1$	$0''.0$	24	$3^{\circ}.19'.39''.1$	$3^{\circ}.19'.50''.4$	$+ 11''.3$
22	$179^{\circ}.28'.41''.7$	$179^{\circ}.28'.43''.8$	$+ 2''.1$	21	$0^{\circ}.36'.11''.7$	$0^{\circ}.36'.21''.4$	$+ 9''.7$
29	$185^{\circ}.47'.21''.1$	$185^{\circ}.47'.20''.1$	$- 1''.0$	13	$353^{\circ}.18'.52''.4$	$353^{\circ}.18'.53''.9$	$+ 1''.5$
October 18	$203^{\circ}.15'.58''.9$	$203^{\circ}.15'.49''.1$	$- 9''.8$	February 23	$336^{\circ}.34'.23''.3$	$336^{\circ}.34'.28''.3$	$+ 5''.0$
November 1	$216^{\circ}.42'.13''.5$	$216^{\circ}.42'.5''.4$	$- 8''.1$	8	$322^{\circ}.1'.4''.3$	$322^{\circ}.1'.20''.0$	$+ 15''.7$
6	$221^{\circ}.39'.21''.3$	$221^{\circ}.39'.12''.4$	$- 8''.9$	4	$318^{\circ}.1'.1''.0$	$318^{\circ}.0'.53''.6$	$- 7''.4$
9	$224^{\circ}.40'.8''.1$	$224^{\circ}.40'.9''.6$	$+ 1''.5$	2	$315^{\circ}.59'.45''.1$	$315^{\circ}.59'.53''.8$	$+ 8''.7$
10	$225^{\circ}.40'.50''.0$	$225^{\circ}.40'.45''.0$	$- 5''.0$	1	$314^{\circ}.58'.40''.9$	$314^{\circ}.58'.48''.3$	$+ 7''.4$
11	$226^{\circ}.41'.46''.0$	$226^{\circ}.41'.38''.5$	$- 7''.5$	January 30	$312^{\circ}.56'.4''.9$	$312^{\circ}.56'.18''.4$	$+ 13''.5$

Mean - $1''.74$ Mean + $4''.24$ The correction applicable to the Right Ascensions of all stars is $\frac{-1''.74 + 4''.24}{2} = +1''.25 = +0^s.08$.

This result differs from that deduced from the same combination of observations immediately preceding, by $3''.60$ or $0^s.24$, the R. A. of α Aquilæ having been assumed greater in Dr. Maskelyne's Second Reduction of the Observations of 1765 than in the First Reduction by very nearly that amount.

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ERRORS OF THE ASSUMED POSITION OF THE FIRST POINT OF ARIES, FROM OBSERVATIONS

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Autumnal Equinox of 1767, and the Vernal Equinox of 1768.

Assumed Latitude of Observatory $51^{\circ}.28'.40''$.

Assumed Mean Obliquity, 1767, Jan. 1 = $23^{\circ}.28'.10''.2$; 1768, Jan. 1 = $23^{\circ}.28'.9''.7$.

Assumed Mean R. A. of α Aquilæ, 1767, Jan. 1 = $19^{\text{h}}.39^{\text{m}}.24^{\text{s}}.72$; 1768, Jan. 1 = $19^{\text{h}}.39^{\text{m}}.27^{\text{s}}.65$.

Month and Day, 1767.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1768.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
August 1	$131^{\circ}.19'.8''.7$	$131^{\circ}.18'.54''.9$	$-13''.8$	May 11	$48^{\circ}.46'.16''.5$	$48^{\circ}.46'.23''.0$	$+6''.5$
2	$132^{\circ}.17'.19''.6$	$132^{\circ}.17'.7''.8$	$-11''.8$	10	$47^{\circ}.47'.36''.9$	$47^{\circ}.47'.45''.0$	$+8''.1$
3	$133^{\circ}.15'.18''.7$	$133^{\circ}.15'.21''.1$	$+2''.4$	9	$46^{\circ}.49'.4''.8$	$46^{\circ}.49'.23''.0$	$+18''.2$
4	$134^{\circ}.13'.20''.8$	$134^{\circ}.13'.9''.4$	$-11''.4$	8	$45^{\circ}.50'.52''.6$	$45^{\circ}.51'.3''.4$	$+10''.8$
9	$139^{\circ}.0'.40''.6$	$139^{\circ}.0'.34''.5$	$-6''.1$	3	$41^{\circ}.1'.17''.4$	$41^{\circ}.1'.24''.3$	$+6''.9$
10	$139^{\circ}.57'.39''.9$	$139^{\circ}.57'.48''.4$	$+8''.5$	2	$40^{\circ}.3'.56''.4$	$40^{\circ}.3'.58''.5$	$+2''.1$
16	$145^{\circ}.36'.48''.7$	$145^{\circ}.36'.35''.8$	$-12''.9$	26	$34^{\circ}.21'.46''.3$	$34^{\circ}.21'.43''.7$	$-2''.6$
18	$147^{\circ}.28'.56''.1$	$147^{\circ}.28'.48''.0$	$-8''.1$	22	$30^{\circ}.36'.22''.0$	$30^{\circ}.36'.31''.3$	$+9''.3$
21	$150^{\circ}.16'.6''.4$	$150^{\circ}.15'.43''.7$	$-22''.7$	15	$24^{\circ}.5'.45''.7$	$24^{\circ}.6'.4''.0$	$+18''.3$
27	$155^{\circ}.47'.30''.6$	$155^{\circ}.47'.30''.0$	$-0''.6$	14	$23^{\circ}.10'.26''.8$	$23^{\circ}.10'.37''.8$	$+11''.0$
28	$156^{\circ}.42'.22''.3$	$156^{\circ}.42'.19''.2$	$-3''.1$	11	$20^{\circ}.24'.43''.3$	$20^{\circ}.24'.53''.8$	$+8''.5$
29	$157^{\circ}.37'.8''.7$	$157^{\circ}.37'.6''.3$	$-2''.4$	8	$17^{\circ}.39'.55''.5$	$17^{\circ}.40'.18''.3$	$+22''.8$
September 4	$163^{\circ}.4'.6''.6$	$163^{\circ}.4'.2''.0$	$-4''.6$	5	$14^{\circ}.55'.28''.9$	$14^{\circ}.55'.35''.2$	$+6''.3$
6	$164^{\circ}.52'.30''.1$	$164^{\circ}.52'.26''.7$	$-3''.4$	3	$13^{\circ}.6'.19''.3$	$13^{\circ}.6'.27''.4$	$+8''.1$
8	$166^{\circ}.40'.43''.0$	$166^{\circ}.40'.37''.4$	$-5''.6$	1	$11^{\circ}.17'.11''.5$	$11^{\circ}.17'.23''.1$	$+11''.6$
12	$170^{\circ}.16'.35''.4$	$170^{\circ}.16'.35''.0$	$-0''.4$	24	$4^{\circ}.1'.22''.2$	$4^{\circ}.1'.33''.8$	$+11''.6$
20	$177^{\circ}.27'.45''.1$	$177^{\circ}.27'.44''.3$	$-0''.8$	23	$3^{\circ}.7'.1''.8$	$3^{\circ}.7'.3''.0$	$+1''.2$
22	$179^{\circ}.15'.39''.4$	$179^{\circ}.15'.33''.0$	$-6''.4$	19	$359^{\circ}.28'.52''.5$	$359^{\circ}.29'.8''.3$	$+15''.8$
23	$180^{\circ}.9'.37''.8$	$180^{\circ}.9'.39''.0$	$+1''.2$	18	$358^{\circ}.34'.18''.3$	$358^{\circ}.34'.32''.6$	$+14''.3$
25	$181^{\circ}.57'.43''.0$	$181^{\circ}.57'.38''.4$	$-4''.6$	15	$355^{\circ}.50'.15''.0$	$355^{\circ}.50'.25''.5$	$+10''.5$
27	$183^{\circ}.45'.54''.9$	$183^{\circ}.45'.55''.4$	$+0''.5$	February 12	$325^{\circ}.44'.4''.0$	$325^{\circ}.44'.8''.8$	$+4''.8$
30	$186^{\circ}.28'.43''.0$	$186^{\circ}.28'.37''.5$	$-5''.5$	5	$318^{\circ}.46'.54''.0$	$318^{\circ}.47'.2''.6$	$+8''.6$
October 9	$194^{\circ}.40'.52''.6$	$194^{\circ}.40'.44''.0$	$-8''.6$	January 30	$312^{\circ}.41'.31''.5$	$312^{\circ}.41'.50''.0$	$+18''.5$
30	$214^{\circ}.30'.47''.9$	$214^{\circ}.30'.28''.0$	$-19''.9$	28	$310^{\circ}.38'.4''.5$	$310^{\circ}.38'.18''.3$	$+13''.8$
November 6	$221^{\circ}.24'.46''.0$	$221^{\circ}.24'.30''.0$	$-16''.0$	Mean + $10''.21$			
9	$224^{\circ}.25'.18''.7$	$224^{\circ}.25'.11''.0$	$-7''.7$				
11	$226^{\circ}.26'.37''.8$	$226^{\circ}.26'.23''.0$	$-14''.8$				
13	$228^{\circ}.29'.2''.5$	$228^{\circ}.28'.44''.3$	$-18''.2$				
Mean. - $7''.03$							

The correction applicable to the Right Ascensions of all stars is $\frac{-7''.03 + 10''.21}{2} = +1''.59 = +0''.11$

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1768.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.

Assumed Mean Obliquity, 1768, Jan. 1 = $23^{\circ}.28'.9''.7$; Assumed Mean R. A. of α Aquilæ, 1768, Jan. 1 = $19^{\text{h}}.39^{\text{m}}.27^{\text{s}}.65$.

Month and Day, 1768.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1768.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
May 11	$48^{\circ}.46'.16''.5$	$48^{\circ}.46'.23''.0$	$+6''.5$	April 1	$11^{\circ}.17'.11''.5$	$11^{\circ}.17'.23''.1$	$+11''.6$
10	$47^{\circ}.47'.36''.9$	$47^{\circ}.47'.45''.0$	$+8''.1$	March 24	$4^{\circ}.1'.22''.2$	$4^{\circ}.1'.33''.8$	$+11''.6$
6	$43^{\circ}.54'.37''.2$	$43^{\circ}.54'.47''.1$	$+9''.9$	23	$3^{\circ}.7'.1''.8$	$3^{\circ}.7'.3''.0$	$+1''.2$
2	$40^{\circ}.3'.56''.4$	$40^{\circ}.3'.58''.5$	$+2''.1$	19	$359^{\circ}.28'.52''.5$	$359^{\circ}.29'.8''.3$	$+15''.8$
April 26	$34^{\circ}.21'.46''.3$	$34^{\circ}.21'.43''.7$	$-2''.6$	18	$358^{\circ}.34'.18''.3$	$358^{\circ}.34'.32''.6$	$+14''.3$
22	$30^{\circ}.36'.22''.0$	$30^{\circ}.36'.31''.3$	$+9''.3$	15	$355^{\circ}.50'.15''.0$	$355^{\circ}.50'.25''.5$	$+10''.5$
15	$24^{\circ}.5'.45''.7$	$24^{\circ}.6'.4''.0$	$+18''.3$	February 12	$325^{\circ}.44'.4''.0$	$325^{\circ}.44'.8''.8$	$+4''.8$
8	$17^{\circ}.39'.55''.5$	$17^{\circ}.40'.18''.3$	$+22''.8$	5	$318^{\circ}.46'.54''.0$	$318^{\circ}.47'.2''.6$	$+8''.6$
5	$14^{\circ}.55'.28''.9$	$14^{\circ}.55'.35''.2$	$+6''.3$	January 30	$312^{\circ}.41'.31''.5$	$312^{\circ}.41'.50''.0$	$+18''.5$
4	$14^{\circ}.0'.54''.6$	$14^{\circ}.1'.2''.1$	$+7''.5$	28	$310^{\circ}.38'.4''.5$	$310^{\circ}.38'.18''.3$	$+13''.8$
3	$13^{\circ}.6'.19''.3$	$13^{\circ}.6'.27''.4$	$+8''.1$	26	$308^{\circ}.33'.47''.1$	$308^{\circ}.33'.56''.0$	$+8''.9$
2	$12^{\circ}.11'.38''.2$	$12^{\circ}.11'.45''.8$	$+7''.6$	Mean + $9''.72$.			

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEARS 1767, 1768, AND 1769.

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Errors of the Assumed Position of the First Point of Aries, from Observations made near the Vernal and Autumnal Equinoxes of 1768.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.Assumed Mean Obliquity, 1768, Jan. 1 = $23^{\circ}.28'.9''.7$; Assumed Mean R. A. of α Aquilæ, 1768, Jan 1 = $19^h.39^m.27^s.65$.

Month and Day, 1768.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1768.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
July 31	$131^{\circ}.4'.56''.2$	$131^{\circ}.4'.38''.2$	$-18''.0$	September 9	$168^{\circ}.15'.29''.1$	$168^{\circ}.15'.30''.0$	$+0''.9$
August 1	$132^{\circ}.3'.6''.0$	$132^{\circ}.2'.51''.0$	$-15''.0$	18	$176^{\circ}.20'.48''.1$	$176^{\circ}.20'.52''.8$	$+4''.7$
6	$136^{\circ}.52'.7''.5$	$136^{\circ}.51'.59''.6$	$-7''.9$	19	$177^{\circ}.14'.46''.3$	$177^{\circ}.14'.37''.0$	$+9''.3$
10	$140^{\circ}.40'.42''.9$	$140^{\circ}.40'.34''.4$	$-8''.5$	23	$180^{\circ}.50'.33''.4$	$180^{\circ}.50'.24''.2$	$+9''.2$
15	$145^{\circ}.23'.28''.0$	$145^{\circ}.23'.15''.3$	$-12''.7$	24	$181^{\circ}.44'.33''.4$	$181^{\circ}.44'.30''.0$	$+3''.4$
19	$149^{\circ}.7'.9''.1$	$149^{\circ}.7'.5''.8$	$-3''.3$	27	$184^{\circ}.26'.43''.0$	$184^{\circ}.26'.41''.4$	$-1''.6$
23	$152^{\circ}.49'.2''.2$	$152^{\circ}.48'.51''.7$	$-10''.5$	October 27	$212^{\circ}.19'.56''.7$	$212^{\circ}.19'.38''.8$	$\left. \begin{array}{l} \\ \\ \end{array} \right\} -14''.1$
September 4	$163^{\circ}.44'.54''.7$	$163^{\circ}.44'.50''.7$	$-4''.0$	31	$216^{\circ}.13'.25''.2$	$216^{\circ}.13'.14''.8$	
5	$164^{\circ}.39'.4''.8$	$164^{\circ}.39'.1''.4$	$-3''.4$	November 5	$221^{\circ}.10'.3''.0$	$221^{\circ}.9'.58''.2$	
6	$165^{\circ}.33'.16''.3$	$165^{\circ}.33'.14''.0$	$-2''.3$	9	$225^{\circ}.11'.7''.2$	$225^{\circ}.10'.57''.8$	$+9''.4$
7	$166^{\circ}.27'.24''.4$	$166^{\circ}.27'.16''.0$	$-8''.4$	13	$229^{\circ}.15'.38''.8$	$229^{\circ}.15'.25''.5$	$-13''.3$
8	$167^{\circ}.21'.28''.2$	$167^{\circ}.21'.30''.0$	$+1''.8$	15	$231^{\circ}.19'.9''.4$	$231^{\circ}.19'.4''.8$	$-4''.6$

Mean $-6''.80$.The correction applicable to the Right Ascensions of all stars observed in 1768, is $\frac{+9''.72 - 6''.80}{2} = +1''.46 = +0''.10$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1769.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.Assumed Mean Obliquity, 1769, Jan. 1 = $23^{\circ}.28'.9''.2$; Assumed Mean R. A. of α Aquilæ, 1769, Jan. 1 = $19^h.39^m.30^s.58$.

Month and Day, 1769.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1769.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
January 27	$310^{\circ}.22'.48''.2$	$310^{\circ}.22'.55''.8$	$+7''.6$	November 14	$230^{\circ}.2'.20''.8$	$230^{\circ}.2'.15''.7$	$-5''.1$
30	$313^{\circ}.27'.51''.7$	$313^{\circ}.27'.51''.1$	$-0''.6$	12	$227^{\circ}.59'.25''.2$	$227^{\circ}.59'.17''.6$	$-7''.6$
31	$314^{\circ}.29'.8''.8$	$314^{\circ}.29'.15''.2$	$+6''.4$	10	$225^{\circ}.57'.29''.8$	$225^{\circ}.57'.21''.0$	$-8''.8$
February 3	$317^{\circ}.31'.43''.9$	$317^{\circ}.31'.44''.9$	$+1''.0$	8	$223^{\circ}.56'.12''.3$	$223^{\circ}.56'.0''.0$	$-12''.3$
22	$336^{\circ}.6'.58''.9$	$336^{\circ}.7'.4''.3$	$+5''.4$	October 19	$204^{\circ}.27'.41''.4$	$204^{\circ}.27'.41''.0$	$-0''.4$
24	$338^{\circ}.0'.54''.3$	$338^{\circ}.1'.2''.2$	$+7''.9$	16	$201^{\circ}.38'.37''.2$	$201^{\circ}.38'.40''.0$	$+2''.8$
March 1	$342^{\circ}.42'.34''.5$	$342^{\circ}.42'.35''.4$	$+0''.9$	11	$196^{\circ}.59'.59''.2$	$196^{\circ}.59'.58''.0$	$-1''.2$
2	$343^{\circ}.38'.39''.1$	$343^{\circ}.38'.36''.4$	$-2''.7$	10	$196^{\circ}.4'.37''.2$	$196^{\circ}.4'.35''.1$	$-2''.1$
4	$345^{\circ}.30'.9''.3$	$345^{\circ}.30'.12''.2$	$+2''.9$	9	$195^{\circ}.9'.18''.4$	$195^{\circ}.9'.16''.7$	$-1''.7$
12	$352^{\circ}.52'.32''.4$	$352^{\circ}.52'.32''.5$	$+0''.1$	September 30	$186^{\circ}.56'.26''.8$	$186^{\circ}.56'.27''.6$	$+0''.8$
14	$354^{\circ}.42'.24''.9$	$354^{\circ}.42'.18''.0$	$-6''.9$	29	$186^{\circ}.2'.10''.6$	$186^{\circ}.2'.14''.0$	$+3''.4$
18	$358^{\circ}.21'.11''.2$	$358^{\circ}.20'.57''.9$	$-13''.3$	25	$182^{\circ}.25'.19''.2$	$182^{\circ}.25'.22''.9$	$+3''.7$
22	$1^{\circ}.59'.5''.8$	$1^{\circ}.59'.10''.4$	$+4''.6$	20	$177^{\circ}.55'.27''.6$	$177^{\circ}.55'.23''.7$	$-3''.9$
27	$6^{\circ}.31'.14''.7$	$6^{\circ}.31'.19''.6$	$+4''.9$	15	$173^{\circ}.26'.2''.8$	$173^{\circ}.25'.55''.6$	$-7''.2$
April 19	$27^{\circ}.34'.43''.8$	$27^{\circ}.34'.41''.2$	$-2''.6$	August 23	$152^{\circ}.35'.19''.6$	$152^{\circ}.35'.19''.3$	$-0''.3$
21	$29^{\circ}.26'.32''.4$	$29^{\circ}.26'.25''.1$	$-7''.3$	21	$150^{\circ}.44'.38''.8$	$150^{\circ}.44'.35''.4$	$-3''.4$
24	$32^{\circ}.15'.1''.8$	$32^{\circ}.14'.54''.0$	$-7''.8$	18	$147^{\circ}.57'.46''.3$	$147^{\circ}.57'.48''.4$	$+2''.1$
25	$33^{\circ}.11'.17''.8$	$33^{\circ}.11'.22''.4$	$+4''.6$	17	$147^{\circ}.1'.49''.2$	$147^{\circ}.1'.53''.3$	$+4''.1$
26	$34^{\circ}.7'.49''.2$	$34^{\circ}.7'.59''.6$	$+10''.4$	15	$145^{\circ}.9'.41''.4$	$145^{\circ}.9'.43''.5$	$+2''.1$
30	$37^{\circ}.55'.12''.0$	$37^{\circ}.55'.1''.5$	$-10''.5$	12	$142^{\circ}.20'.34''.5$	$142^{\circ}.20'.27''.7$	$-6''.8$
May 4	$41^{\circ}.44'.51''.7$	$41^{\circ}.45'.8''.3$	$+16''.6$	8	$138^{\circ}.32'.57''.0$	$138^{\circ}.32'.58''.0$	$+1''.0$
5	$42^{\circ}.42'.38''.8$	$42^{\circ}.42'.37''.0$	$-1''.8$	7	$137^{\circ}.35'.41''.1$	$137^{\circ}.35'.32''.0$	$-9''.1$
7	$44^{\circ}.38'.32''.4$	$44^{\circ}.38'.18''.3$	$-14''.1$	5	$135^{\circ}.40'.44''.2$	$135^{\circ}.42'.40''.0$	$-4''.2$
10	$47^{\circ}.33'.29''.5$	$47^{\circ}.33'.31''.3$	$+1''.8$	3	$133^{\circ}.45'.10''.0$	$133^{\circ}.45'.20''.2$	$+10''.2$

Mean $+0''.31$ Mean $-1''.83$ The correction applicable to the Right Ascensions of all stars observed in 1769, is $\frac{+0''.31 - 1''.83}{2} = -0''.76 = -0''.05$.

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ERRORS OF THE ASSUMED POSITION OF THE FIRST POINT OF ARIES, FROM OBSERVATIONS

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1770.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.Assumed Mean Obliquity, 1770, Jan. 1 = $23^{\circ}.28'.8''.7$; Assumed Mean R. A. of α Aquilæ, 1770, Jan. 1 = $19^h.39^m.33^s.51$.

Month and Day, 1770.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1770.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
March 15	$355^{\circ}.23'.45''.7$	$355^{\circ}.23'.36''.8$	$- 8''.9$	September 28	$184^{\circ}.54'.54''.1$	$184^{\circ}.54'.47''.5$	$- 6''.6$
24	$3.34.54.7$	$3.35.1.9$	$+ 7''.2$	19	$176.48.28.9$	$176.48.23.5$	$- 5''.4$
28	$7.12.42.0$	$7.12.42.8$	$+ 0''.8$	15	$173.12.52.3$	$173.12.55.5$	$+ 3''.2$
April 4	$13.34.19.3$	$13.34.27.9$	$+ 8''.6$	7	$166.1.12.3$	$166.1.2.5$	$- 9''.8$
25	$32.57.39.4$	$32.57.39.5$	$+ 0''.1$	August 17	$146.48.18.6$	$146.48.7.0$	$- 11''.6$
29	$36.44.32.7$	$36.44.31.6$	$- 1''.1$	13	$143.3.10.5$	$143.3.12.9$	$+ 2''.4$
30	$37.41.32.5$	$37.41.30.0$	$- 2''.5$	12	$142.6.37.5$	$142.6.33.4$	$- 4''.1$
May 8	$45.22.29.7$	$45.22.26.0$	$- 3''.7$	4	$134.29.0.7$	$134.28.53.4$	$- 7''.3$
9	$46.20.43.2$	$46.20.47.2$	$+ 4''.0$	3	$133.31.9.0$	$133.31.1.5$	$- 7''.5$
10	$47.19.9.9$	$47.19.7.7$	$- 2''.2$	2	$132.33.9.1$	$132.32.52.6$	$- 16''.5$
Mean + $0''.23$				Mean - $6''.32$			

The correction applicable to the Right Ascensions of all stars observed in 1770, is $\frac{+ 0''.23 - 6''.32}{2} = - 3''.05 = - 0^s.20$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1771.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.Assumed Mean Obliquity, 1771, Jan. 1 = $23^{\circ}.28'.8''.2$; Assumed Mean R. A. of α Aquilæ, 1771, Jan. 1 = $19^h.39^m.36^s.44$.

Month and Day, 1771.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1771.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
January 29	$311^{\circ}.56'.29''.5$	$311^{\circ}.56'.42''.7$	$+ 13''.2$	November 13	$228^{\circ}.30'.51''.6$	$228^{\circ}.30'.28''.0$	$- 23''.6$
February 3	$317.2.10.0$	$317.2.10.3$	$+ 0''.3$	8	$223.26.30.9$	$223.26.11.6$	$- 19''.3$
7	$321.3.6.6$	$321.3.12.9$	$+ 6''.3$	3	$218.27.27.7$	$218.27.22.8$	$- 4''.9$
12	$325.59.50.4$	$326.0.2.6$	$+ 12''.2$	October 30	$214.32.3.3$	$214.31.48.0$	$- 15''.3$
13	$326.58.40.5$	$326.58.37.0$	$- 3''.5$	28	$212.35.36.3$	$212.35.15.1$	$- 21''.2$
15	$328.55.38.8$	$328.55.42.1$	$+ 3''.3$	26	$210.39.50.5$	$210.39.31.8$	$- 18''.7$
21	$334.42.19.8$	$334.42.17.3$	$- 2''.5$	20	$204.56.55.6$	$204.56.51.6$	$- 4''.0$
24	$337.33.24.3$	$337.33.16.2$	$- 8''.1$	18	$203.3.55.9$	$203.3.54.6$	$- 1''.3$
26	$339.26.38.4$	$339.26.37.4$	$- 1''.0$	16	$201.11.37.6$	$201.11.24.5$	$- 13''.1$
March 11	$351.30.40.8$	$351.30.48.3$	$+ 7''.5$	2	$188.18.50.1$	$188.18.50.9$	$+ 0''.8$
23	$2.27.18.7$	$2.27.20.1$	$+ 1''.4$	September 21	$178.23.22.0$	$178.23.24.2$	$+ 2''.2$
27	$6.5.9.3$	$6.5.11.3$	$+ 2''.0$	17	$174.47.56.2$	$174.48.2.2$	$+ 6''.0$
30	$8.48.26.5$	$8.48.26.5$	$0''.0$	14	$172.6.14.2$	$172.6.5.4$	$- 8''.8$
April 12	$20.39.52.8$	$20.39.53.8$	$+ 1''.0$	August 31	$159.28.1.8$	$159.28.2.6$	$+ 0''.8$
14	$22.30.19.0$	$22.30.13.7$	$- 5''.3$	29	$157.38.48.0$	$157.38.50.7$	$+ 2''.7$
17	$25.16.31.6$	$25.16.27.6$	$- 4''.0$	26	$154.54.19.6$	$154.54.24.7$	$+ 5''.1$
19	$27.7.49.9$	$27.7.46.7$	$- 3''.2$	22	$151.13.33.7$	$151.13.27.6$	$- 6''.1$
27	$34.37.6.4$	$34.36.47.8$	$- 18''.6$	15	$144.42.45.4$	$144.42.40.2$	$- 5''.2$
28	$35.33.56.8$	$35.33.56.9$	$+ 0''.1$	14	$143.46.29.8$	$143.46.14.8$	$- 15''.0$
May 8	$45.8.31.6$	$45.8.45.1$	$+ 13''.5$	6	$136.10.33.1$	$136.10.31.7$	$- 1''.4$
9	$46.6.48.4$	$46.6.50.3$	$+ 1''.9$	4	$134.15.9.3$	$134.14.54.9$	$- 14''.4$
Mean + $0''.78$				Mean - $7''.37$			

The correction applicable to the Right Ascensions of all stars observed in 1771, is $\frac{+ 0''.78 - 7''.37}{2} = - 3''.30 = - 0^s.22$.

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEARS 1770, 1771, 1782, AND 1783.

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Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1782.

Assumed Latitude of Observatory = $51^{\circ} 28' 40''$.Assumed Mean Obliquity, 1782, Jan. 1 = $23^{\circ} 28' 1'' \cdot 2$; Assumed Mean R.A. of α Aquilæ, 1782, Jan. 1 = $19^h 40^m 8^s \cdot 67$.

Month and Day, 1782.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1782.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 3	$317^{\circ} 22' 1'' \cdot 7$	$317^{\circ} 21' 57'' \cdot 6$	$- 4'' \cdot 1$	November 7	$222^{\circ} 46' 12'' \cdot 5$	$222^{\circ} 46' 3'' \cdot 2$	$- 9'' \cdot 3$
6	$320. 22. 49 \cdot 5$	$320. 22. 51 \cdot 5$	$+ 2'' \cdot 0$	4	$219. 46. 37 \cdot 6$	$219. 46. 35 \cdot 8$	$- 1'' \cdot 8$
21	$335. 1. 7 \cdot 0$	$335. 0. 50 \cdot 3$	$- 16'' \cdot 7$	October 20	$205. 15. 41 \cdot 7$	$205. 15. 39 \cdot 2$	$- 2'' \cdot 5$
27	$340. 41. 29 \cdot 7$	$340. 41. 24 \cdot 4$	$- 5'' \cdot 3$	14	$199. 38. 13 \cdot 8$	$199. 38. 16 \cdot 1$	$+ 2'' \cdot 3$
28	$341. 37. 44 \cdot 9$	$341. 37. 34 \cdot 6$	$- 10'' \cdot 3$	13	$198. 42. 33 \cdot 9$	$198. 42. 35 \cdot 7$	$+ 1'' \cdot 8$
March 14	$354. 33. 38 \cdot 8$	$354. 33. 35 \cdot 6$	$- 3'' \cdot 2$	September 28	$184. 59. 39 \cdot 0$	$184. 59. 38 \cdot 2$	$- 0'' \cdot 8$
20	$0. 1. 45 \cdot 2$	$0. 1. 40 \cdot 2$	$- 5'' \cdot 0$	23	$180. 29. 14 \cdot 7$	$180. 29. 20 \cdot 3$	$+ 5'' \cdot 6$
April 5	$14. 33. 44 \cdot 7$	$14. 33. 33 \cdot 5$	$- 11'' \cdot 2$	6	$165. 12. 17 \cdot 4$	$165. 12. 22 \cdot 8$	$+ 5'' \cdot 4$
8	$17. 18. 6 \cdot 0$	$17. 17. 58 \cdot 0$	$- 8'' \cdot 0$	4	$163. 23. 50 \cdot 8$	$163. 23. 58 \cdot 6$	$+ 7'' \cdot 8$
12	$20. 58. 6 \cdot 9$	$20. 58. 0 \cdot 1$	$- 6'' \cdot 8$	August 31	$159. 46. 18 \cdot 9$	$159. 46. 18 \cdot 8$	$- 0'' \cdot 1$
13	$21. 53. 19 \cdot 1$	$21. 53. 7 \cdot 1$	$- 12'' \cdot 0$	29	$157. 57. 7 \cdot 8$	$157. 57. 12 \cdot 4$	$+ 4'' \cdot 6$
May 8	$45. 27. 53 \cdot 7$	$45. 27. 39 \cdot 1$	$- 14'' \cdot 6$	4	$134. 34. 35 \cdot 4$	$134. 34. 45 \cdot 0$	$+ 9'' \cdot 6$
22	$59. 17. 14 \cdot 3$	$59. 16. 55 \cdot 7$	$- 18'' \cdot 6$	July 21	$120. 51. 1 \cdot 5$	$120. 51. 14 \cdot 6$	$+ 13'' \cdot 1$
23	$60. 17. 24 \cdot 0$	$60. 17. 1 \cdot 4$	$- 22'' \cdot 6$	20	$119. 51. 2 \cdot 0$	$119. 51. 22 \cdot 6$	$+ 20'' \cdot 6$
25	$62. 18. 18 \cdot 5$	$62. 18. 8 \cdot 2$	$- 10'' \cdot 3$	18	$117. 50. 47 \cdot 4$	$117. 50. 57 \cdot 1$	$+ 9'' \cdot 7$
Mean $- 9'' \cdot 78$				Mean $+ 4'' \cdot 40$			

The correction applicable to the Right Ascensions of all stars observed in 1782 is $\frac{-9'' \cdot 78 + 4'' \cdot 40}{2} = -2'' \cdot 69 = -0'' \cdot 18$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1783.

Assumed Latitude of Observatory = $51^{\circ} 28' 40''$.Assumed Mean Obliquity, 1783, Jan. 1 = $23^{\circ} 28' 0'' \cdot 7$; Assumed Mean R.A. of α Aquilæ, 1783, Jan. 1 = $19^h 40^m 11^s \cdot 60$.

Month and Day, 1783.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1783.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 6	$320^{\circ} 8' 31'' \cdot 1$	$320^{\circ} 8' 34'' \cdot 5$	$+ 3'' \cdot 4$	November 4	$219^{\circ} 32' 19'' \cdot 1$	$219^{\circ} 32' 11'' \cdot 8$	$- 8'' \cdot 3$
11	$325. 6. 7 \cdot 0$	$325. 6. 10 \cdot 5$	$+ 3'' \cdot 5$	October 30	$214. 37. 27 \cdot 5$	$214. 37. 19 \cdot 2$	$- 8'' \cdot 3$
March 10	$350. 40. 36 \cdot 2$	$350. 40. 37 \cdot 9$	$+ 1'' \cdot 7$	11	$196. 38. 0 \cdot 3$	$196. 37. 55 \cdot 2$	$- 5'' \cdot 1$
11	$351. 35. 43 \cdot 8$	$351. 35. 45 \cdot 9$	$+ 2'' \cdot 1$	3	$189. 18. 35 \cdot 4$	$189. 18. 29 \cdot 1$	$- 6'' \cdot 3$
16	$356. 10. 3 \cdot 7$	$356. 10. 4 \cdot 8$	$+ 1'' \cdot 1$	2	$188. 24. 4 \cdot 2$	$188. 24. 1 \cdot 0$	$- 3'' \cdot 2$
17	$357. 4. 45 \cdot 8$	$357. 4. 42 \cdot 7$	$- 3'' \cdot 1$	September 27	$183. 52. 29 \cdot 9$	$183. 52. 30 \cdot 3$	$+ 0'' \cdot 4$
18	$357. 59. 22 \cdot 0$	$357. 59. 15 \cdot 3$	$- 6'' \cdot 7$	26	$182. 58. 23 \cdot 0$	$182. 58. 15 \cdot 5$	$- 7'' \cdot 5$
19	$358. 53. 57 \cdot 6$	$358. 54. 0 \cdot 1$	$+ 2'' \cdot 5$	25	$182. 4. 22 \cdot 3$	$182. 4. 18 \cdot 7$	$- 3'' \cdot 6$
22	$1. 37. 31 \cdot 2$	$1. 37. 28 \cdot 8$	$- 2'' \cdot 4$	24	$181. 10. 17 \cdot 3$	$181. 10. 8 \cdot 7$	$- 8'' \cdot 6$
April 7	$16. 10. 20 \cdot 4$	$16. 10. 14 \cdot 1$	$- 6'' \cdot 3$	21	$178. 28. 22 \cdot 5$	$178. 28. 19 \cdot 2$	$- 3'' \cdot 3$
10	$18. 54. 56 \cdot 5$	$18. 54. 49 \cdot 0$	$- 7'' \cdot 5$	5	$164. 5. 17 \cdot 8$	$164. 5. 6 \cdot 2$	$- 11'' \cdot 6$
17	$25. 21. 33 \cdot 8$	$25. 21. 19 \cdot 4$	$- 14'' \cdot 4$	1	$160. 27. 57 \cdot 3$	$160. 27. 53 \cdot 5$	$- 3'' \cdot 8$
20	$28. 8. 36 \cdot 0$	$28. 8. 24 \cdot 2$	$- 11'' \cdot 8$	August 26	$154. 59. 37 \cdot 2$	$154. 59. 37 \cdot 6$	$+ 0'' \cdot 4$
27	$34. 42. 22 \cdot 2$	$34. 42. 15 \cdot 4$	$- 6'' \cdot 8$	23	$152. 14. 9 \cdot 8$	$152. 14. 5 \cdot 2$	$- 4'' \cdot 6$
29	$36. 36. 0 \cdot 9$	$36. 35. 58 \cdot 9$	$- 2'' \cdot 0$	16	$145. 44. 17 \cdot 1$	$145. 44. 16 \cdot 0$	$- 1'' \cdot 1$
May 1	$38. 30. 12 \cdot 9$	$38. 30. 10 \cdot 5$	$- 2'' \cdot 4$	14	$143. 51. 47 \cdot 3$	$143. 51. 45 \cdot 0$	$- 2'' \cdot 3$
5	$42. 20. 13 \cdot 3$	$42. 20. 10 \cdot 7$	$- 2'' \cdot 6$	12	$141. 58. 48 \cdot 5$	$141. 58. 49 \cdot 1$	$+ 0'' \cdot 6$
11	$48. 9. 21 \cdot 8$	$48. 9. 5 \cdot 9$	$- 15'' \cdot 9$	7	$137. 13. 48 \cdot 9$	$137. 13. 47 \cdot 0$	$- 1'' \cdot 9$
13	$50. 6. 50 \cdot 4$	$50. 6. 38 \cdot 6$	$- 11'' \cdot 8$	1	$131. 26. 50 \cdot 4$	$131. 26. 45 \cdot 6$	$- 4'' \cdot 8$
15	$52. 4. 55 \cdot 5$	$52. 4. 38 \cdot 7$	$- 16'' \cdot 8$	July 30	$129. 29. 56 \cdot 3$	$129. 29. 50 \cdot 5$	$- 5'' \cdot 8$
26	$63. 4. 24 \cdot 5$	$63. 4. 2 \cdot 2$	$- 22'' \cdot 3$	28	$127. 32. 24 \cdot 2$	$127. 32. 25 \cdot 2$	$+ 1'' \cdot 0$
31	$68. 9. 23 \cdot 2$	$68. 9. 7 \cdot 5$	$- 15'' \cdot 7$	17	$116. 35. 51 \cdot 2$	$116. 35. 49 \cdot 0$	$- 2'' \cdot 2$
June 1	$69. 10. 39 \cdot 9$	$69. 10. 37 \cdot 0$	$- 2'' \cdot 9$	13	$112. 33. 8 \cdot 0$	$112. 33. 8 \cdot 2$	$+ 0'' \cdot 2$
Mean $- 5'' \cdot 96$				Mean $- 3'' \cdot 86$			

The correction applicable to the Right Ascensions of all stars observed in 1783 is $\frac{-5'' \cdot 96 - 3'' \cdot 86}{2} = -4'' \cdot 91 = -0'' \cdot 33$.

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ERRORS OF THE ASSUMED POSITION OF THE FIRST POINT OF ARIES, FROM OBSERVATIONS

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal Equinox of 1784, and the Autumnal Equinox of 1783.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''\cdot9$.

Assumed Mean Obliquity, 1783, Jan. 1 = $23^{\circ}.28'.0''\cdot7$; 1784, Jan. 1 = $23^{\circ}.28'.0''\cdot2$.

Assumed Mean R. A. of α Aquilæ, 1783, Jan. 1 = $19^h.40^m.11^s\cdot60$; 1784, Jan. 1 = $19^h.40^m.14^s\cdot53$.

Month and Day, 1783.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1784.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
November 14	$229.37.29\cdot4$	$229.37.22\cdot9$	$-6\cdot5$	January 29	$311.46.53\cdot6$	$311.46.58\cdot0$	$+4\cdot4$
7	$222.31.39\cdot2$	$222.31.32\cdot8$	$-6\cdot4$	February 4	$317.53.23\cdot7$	$317.53.32\cdot6$	$+8\cdot9$
4	$219.32.19\cdot1$	$219.32.13\cdot4$	$-5\cdot7$	7	$320.53.48\cdot2$	$320.53.48\cdot5$	$+0\cdot3$
2	$217.33.46\cdot1$	$217.33.49\cdot3$	$\} -2\cdot1$	10	$323.52.31\cdot4$	$323.52.24\cdot6$	$-6\cdot8$
October 30	$214.37.27\cdot5$	$214.37.20\cdot1$		13	$326.49.29\cdot4$	$326.49.19\cdot8$	$-9\cdot6$
28	$212.40.50\cdot7$	$212.40.39\cdot5$	$-11\cdot2$	25	$338.21.20\cdot4$	$338.21.16\cdot8$	$-3\cdot6$
16	$201.16.24\cdot6$	$201.16.16\cdot6$	$-8\cdot0$	March 1	$343.2.59\cdot3$	$343.3.7\cdot2$	$+7\cdot9$
12	$197.33.25\cdot1$	$197.33.18\cdot6$	$-6\cdot5$	2	$343.58.58\cdot7$	$343.59.1\cdot6$	$+2\cdot9$
11	$196.38.0\cdot3$	$196.37.54\cdot4$	$-5\cdot9$	3	$344.54.47\cdot0$	$344.54.45\cdot8$	$-1\cdot2$
10	$195.42.41\cdot0$	$195.42.34\cdot1$	$-6\cdot9$	4	$345.50.29\cdot3$	$345.50.19\cdot3$	$-10\cdot0$
8	$193.52.27\cdot8$	$193.52.20\cdot0$	$-7\cdot8$	11	$352.17.27\cdot0$	$352.17.25\cdot1$	$-1\cdot9$
1	$187.29.39\cdot3$	$187.29.34\cdot1$	$-5\cdot2$	12	$353.12.23\cdot9$	$353.12.18\cdot5$	$-5\cdot4$
September 30	$186.35.16\cdot5$	$186.35.11\cdot3$	$-5\cdot2$	14	$355.2.8\cdot4$	$355.2.6\cdot2$	$-2\cdot2$
28	$184.46.45\cdot6$	$184.46.38\cdot9$	$-6\cdot7$	15	$355.56.53\cdot6$	$355.56.52\cdot7$	$-0\cdot9$
27	$183.52.29\cdot9$	$183.52.28\cdot5$	$-1\cdot4$	16	$356.51.38\cdot0$	$356.51.34\cdot0$	$-4\cdot0$
26	$182.58.22\cdot9$	$182.58.11\cdot6$	$-11\cdot3$	20	$0.30.5\cdot0$	$0.30.7\cdot8$	$+2\cdot8$
24	$181.10.17\cdot2$	$181.10.6\cdot7$	$-10\cdot5$	22	$2.19.8\cdot9$	$2.19.4\cdot9$	$-4\cdot0$
21	$178.28.22\cdot5$	$178.28.17\cdot0$	$-5\cdot5$				
Mean $-6\cdot64$				Mean $-1\cdot32$			

The correction applicable to the Right Ascensions of all stars is $\frac{-6''\cdot64 - 1''\cdot32}{2} = -3''\cdot98 = -0^s\cdot26$.

Errors of the Assumed Position of the First Point of Aries, by Observations made at the Vernal and Autumnal Equinoxes of 1784.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''\cdot9$.

Assumed Mean Obliquity, 1784, Jan. 1 = $23^{\circ}.28'.0''\cdot2$; Assumed Mean R. A. of α Aquilæ, 1784, Jan. 1 = $19^h.40^m.14^s\cdot53$.

Month and Day, 1784.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1784.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
March 31	$10.29.33\cdot9$	$10.29.34\cdot6$	$+0\cdot7$	September 11	$170.10.18\cdot6$	$170.10.16\cdot8$	$\} -4\cdot0$
April 17	$26.3.59\cdot6$	$26.3.57\cdot3$	$-2\cdot3$	9	$168.22.26\cdot0$	$168.22.19\cdot7$	
25	$33.32.45\cdot9$	$33.32.25\cdot7$	$-20\cdot2$	August 24	$153.51.20\cdot4$	$153.51.18\cdot4$	$-2\cdot0$
May 3	$41.8.58\cdot5$	$41.8.45\cdot8$	$-12\cdot7$	15	$145.30.51\cdot2$	$145.30.41\cdot0$	$-10\cdot2$
6	$44.2.15\cdot8$	$44.1.59\cdot5$	$-16\cdot3$	9	$139.51.23\cdot4$	$139.51.23\cdot2$	$-0\cdot2$
9	$46.56.52\cdot1$	$46.56.47\cdot2$	$-4\cdot9$	5	$136.2.17\cdot9$	$136.2.17\cdot9$	$0\cdot0$
Mean $-9\cdot28$				2	$133.9.3\cdot8$	$133.8.52\cdot3$	$-11\cdot5$
				Mean $-4\cdot65$			

The correction applicable to the Right Ascensions of all stars observed in 1784 is $\frac{-9''\cdot28 - 4''\cdot65}{2} = -6''\cdot97 = -0^s\cdot46$.

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEARS 1783, 1784, AND 1785.

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Errors of the Assumed Position of the First Point of Aries, by Observations made near the Autumnal Equinox of 1784 and the Vernal Equinox of 1785.

Assumed Latitude of Observatory = $51^{\circ}.28'.37''.3$.

Assumed Mean Obliquity, 1784, Jan. 1 = $23^{\circ}.28'.0''.2$; for 1785, Jan. 1 = $23^{\circ}.27'.59''.7$.

Assumed Mean R. A. of α Aquilæ, 1784, Jan. 1 = $19^h.40^m.14^s.53$; 1785, Jan. 1 = $19^h.40^m.17^s.46$.

Month and Day, 1784.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1785.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
November 8	$224^{\circ}.17'.27''.9$	$224^{\circ}.16'.58''.9$	$-29''.0$	February 1	$315^{\circ}.36'.56''.3$	$315^{\circ}.37'.1''.2$	$+4''.9$
3	$219^{\circ}.17'.42''.0$	$219^{\circ}.17'.26''.5$	$-15''.5$	4	$318^{\circ}.38'.51''.3$	$318^{\circ}.39'.0''.7$	$+7''.9$
October 27	$212^{\circ}.26'.45''.2$	$212^{\circ}.26'.29''.6$	$-15''.6$	8	$322^{\circ}.38'.37''.1$	$322^{\circ}.38'.43''.5$	$+6''.4$
22	$207^{\circ}.38'.59''.7$	$207^{\circ}.38'.50''.2$	$-9''.5$	9	$323^{\circ}.38'.1''.5$	$323^{\circ}.38'.12''.8$	$+11''.3$
18	$203^{\circ}.51'.45''.5$	$203^{\circ}.52'.20''.7$	$-24''.8$	19	$333^{\circ}.22'.3''.3$	$333^{\circ}.22'.15''.7$	$+12''.4$
15	$201^{\circ}.2'.59''.3$	$201^{\circ}.2'.45''.2$	$-14''.1$	23	$337^{\circ}.10'.39''.9$	$337^{\circ}.10'.43''.3$	$+3''.4$
14	$200^{\circ}.7'.2''.6$	$200^{\circ}.6'.49''.7$	$-12''.9$	25	$339^{\circ}.4'.1''.8$	$339^{\circ}.4'.8''.1$	$+6''.3$
9	$195^{\circ}.29'.14''.3$	$195^{\circ}.29'.0''.8$	$-13''.5$	28	$341^{\circ}.53'.1''.3$	$341^{\circ}.53'.8''.8$	$+7''.5$
6	$192^{\circ}.44'.0''.9$	$192^{\circ}.43'.51''.6$	$-9''.3$	March 1	$342^{\circ}.49'.3''.8$	$342^{\circ}.49'.13''.3$	$+9''.5$
1	$188^{\circ}.10'.44''.3$	$188^{\circ}.10'.47''.2$	$+2''.9$	6	$347^{\circ}.27'.47''.7$	$347^{\circ}.27'.52''.1$	$+4''.4$
September 30	$187^{\circ}.16'.22''.8$	$187^{\circ}.16'.11''.9$	$-10''.9$	11	$352^{\circ}.4'.5''.9$	$352^{\circ}.4'.5''.0$	$-0''.9$
19	$177^{\circ}.21'.34''.2$	$177^{\circ}.21'.17''.6$	$-16''.6$	12	$352^{\circ}.59'.7''.1$	$352^{\circ}.59'.8''.7$	$+1''.6$
Mean $-14''.07$				22	$2^{\circ}.5'.50''.7$	$2^{\circ}.6'.8''.4$	$+17''.7$
				Mean $+7''.17$			

The correction applicable to the Right Ascensions of all stars is $\frac{-14''.07 + 7''.17}{2} - 3''.45 = -0^s.23$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1785.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.

Assumed Mean Obliquity, 1785, Jan. 1 = $23^{\circ}.27'.59''.7$; Assumed Mean R. A. of α Aquilæ, 1785, Jan. 1 = $19^h.40^m.17^s.46$.

Month and Day, 1785.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1785.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 1	$315^{\circ}.36'.56''.3$	$315^{\circ}.37'.1''.2$	$+4''.9$	November 7	$223^{\circ}.3'.3''.5$	$223^{\circ}.2'.33''.4$	$-30''.1$
8	$322^{\circ}.38'.37''.1$	$322^{\circ}.38'.43''.5$	$+6''.4$	3	$219^{\circ}.3'.49''.7$	$219^{\circ}.3'.25''.7$	$-24''.0$
March 1	$342^{\circ}.49'.3''.8$	$342^{\circ}.49'.13''.3$	$+9''.5$	October 9	$195^{\circ}.16'.12''.2$	$195^{\circ}.16'.8''.5$	$-3''.7$
6	$347^{\circ}.27'.47''.7$	$347^{\circ}.27'.52''.1$	$+4''.4$	6	$192^{\circ}.31'.6''.9$	$192^{\circ}.30'.56''.3$	$-10''.6$
11	$352^{\circ}.4'.5''.9$	$352^{\circ}.4'.5''.0$	$-0''.9$	2	$188^{\circ}.52'.12''.5$	$188^{\circ}.52'.4''.5$	$-8''.0$
13	$353^{\circ}.53'.58''.2$	$353^{\circ}.54'.7''.4$	$+9''.2$	September 29	$186^{\circ}.9'.2''.0$	$186^{\circ}.8'.50''.0$	$-12''.0$
14	$354^{\circ}.48'.43''.8$	$354^{\circ}.49'.0''.7$	$+16''.9$	28	$185^{\circ}.14'.44''.0$	$185^{\circ}.14'.31''.9$	$-12''.1$
April 2	$12^{\circ}.5'.6''.3$	$12^{\circ}.5'.11''.7$	$+5''.4$	9	$168^{\circ}.9'.38''.1$	$168^{\circ}.9'.30''.3$	$-7''.8$
6	$15^{\circ}.43'.47''.3$	$15^{\circ}.43'.58''.1$	$+10''.8$	7	$166^{\circ}.21'.31''.4$	$166^{\circ}.21'.42''.7$	$+11''.3$
10	$19^{\circ}.23'.25''.2$	$19^{\circ}.23'.32''.6$	$+7''.4$	August 31	$160^{\circ}.1'.31''.0$	$160^{\circ}.1'.28''.4$	$-2''.6$
16	$24^{\circ}.54'.58''.5$	$24^{\circ}.55'.8''.2$	$+9''.7$	26	$155^{\circ}.27'.57''.3$	$155^{\circ}.27'.50''.8$	$-6''.5$
19	$27^{\circ}.41'.55''.1$	$27^{\circ}.42'.2''.9$	$+7''.8$	22	$151^{\circ}.47'.35''.6$	$151^{\circ}.47'.19''.5$	$-16''.1$
May 1	$38^{\circ}.59'.55''.8$	$38^{\circ}.59'.54''.5$	$-1''.3$	11	$141^{\circ}.31'.28''.5$	$141^{\circ}.31'.26''.3$	$-2''.2$
6	$43^{\circ}.48'.3''.6$	$43^{\circ}.47'.57''.6$	$-6''.0$	4	$134^{\circ}.50'.47''.6$	$134^{\circ}.50'.38''.8$	$-8''.8$
Mean $+6''.01$				Mean $-9''.51$			

The correction applicable to the Right Ascensions of all stars observed in 1785 is $\frac{+6''.01 - 9''.51}{2} = -1''.75 = -0^s.12$.

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ERRORS OF THE ASSUMED POSITION OF THE FIRST POINT OF ARIES, FROM OBSERVATIONS

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1786.

Assumed Latitude of Observatory = $51^{\circ} 28' 40''$.Assumed Mean Obliquity, 1786, Jan. 1 = $23^{\circ} 27' 59'' \cdot 2$; Assumed Mean R. A. of α Aquilæ, 1786, Jan. 1 = $19^h 40^m 20^s \cdot 39$.

Month and Day, 1786.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1786.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 4	$318^{\circ} 24' 30'' \cdot 2$	$318^{\circ} 24' 40'' \cdot 6$	$+10'' \cdot 4$	November 6	$221^{\circ} 48' 12'' \cdot 1$	$221^{\circ} 47' 58'' \cdot 4$	$-13'' \cdot 7$
15	$329. 16. 21 \cdot 3$	$329. 16. 30 \cdot 3$	$+ 9 \cdot 0$	October 25	$210. 3. 30 \cdot 0$	$210. 3. 18 \cdot 6$	$-11 \cdot 4$
16	$330. 14. 33 \cdot 0$	$330. 14. 33 \cdot 3$	$+ 0 \cdot 3$	24	$209. 5. 59 \cdot 2$	$209. 5. 45 \cdot 5$	$-13 \cdot 7$
22	$335. 59. 37 \cdot 5$	$335. 59. 43 \cdot 6$	$+ 6 \cdot 1$	18	$203. 24. 32 \cdot 4$	$203. 24. 17 \cdot 2$	$-15 \cdot 2$
24	$337. 53. 28 \cdot 1$	$337. 53. 48 \cdot 7$	$+20 \cdot 6$	15	$200. 36. 2 \cdot 3$	$200. 35. 42 \cdot 8$	$-19 \cdot 5$
March 12	$352. 45. 37 \cdot 3$	$352. 45. 35 \cdot 4$	$- 1 \cdot 9$	1	$187. 44. 46 \cdot 9$	$187. 44. 34 \cdot 6$	$-12 \cdot 3$
19	$359. 8. 41 \cdot 1$	$359. 8. 46 \cdot 0$	$+ 4 \cdot 9$	September 25	$182. 19. 12 \cdot 3$	$182. 19. 12 \cdot 6$	$+ 0 \cdot 3$
20	$0. 3. 13 \cdot 7$	$0. 3. 16 \cdot 4$	$+ 2 \cdot 7$	22	$179. 37. 12 \cdot 3$	$179. 37. 9 \cdot 7$	$- 2 \cdot 6$
27	$6. 24. 39 \cdot 9$	$6. 24. 44 \cdot 0$	$+ 4 \cdot 1$	16	$174. 13. 47 \cdot 1$	$174. 13. 39 \cdot 2$	$- 7 \cdot 9$
April 2	$11. 51. 53 \cdot 1$	$11. 51. 50 \cdot 4$	$- 2 \cdot 7$	9	$167. 56. 27 \cdot 9$	$167. 56. 21 \cdot 2$	$- 6 \cdot 7$
4	$13. 41. 2 \cdot 0$	$13. 41. 8 \cdot 8$	$+ 6 \cdot 8$	5	$164. 20. 7 \cdot 8$	$164. 19. 59 \cdot 8$	$- 8 \cdot 0$
12	$20. 59. 57 \cdot 5$	$21. 0. 1 \cdot 5$	$+ 4 \cdot 0$	August 30	$158. 53. 52 \cdot 0$	$158. 53. 41 \cdot 9$	$-10 \cdot 1$
14	$22. 50. 25 \cdot 5$	$22. 50. 20 \cdot 0$	$- 5 \cdot 5$	28	$157. 4. 28 \cdot 5$	$157. 4. 32 \cdot 8$	$+ 4 \cdot 3$
15	$23. 45. 44 \cdot 0$	$23. 45. 44 \cdot 1$	$+ 0 \cdot 1$	27	$156. 9. 43 \cdot 8$	$156. 9. 36 \cdot 8$	$- 7 \cdot 0$
19	$27. 27. 57 \cdot 3$	$27. 28. 7 \cdot 3$	$+10 \cdot 0$	23	$152. 29. 22 \cdot 6$	$152. 29. 18 \cdot 9$	$- 3 \cdot 7$
29	$36. 51. 38 \cdot 4$	$36. 51. 47 \cdot 5$	$+ 9 \cdot 1$	14	$144. 7. 22 \cdot 6$	$144. 6. 56 \cdot 2$	$-26 \cdot 4$
May 1	$38. 45. 55 \cdot 8$	$38. 46. 1 \cdot 7$	$+ 5 \cdot 9$	11	$141. 17. 40 \cdot 5$	$141. 17. 31 \cdot 0$	$- 9 \cdot 5$
8	$45. 30. 8 \cdot 3$	$45. 30. 13 \cdot 4$	$+ 5 \cdot 1$	4	$134. 36. 52 \cdot 5$	$134. 36. 57 \cdot 4$	$+ 4 \cdot 9$
10	$47. 26. 50 \cdot 6$	$47. 26. 59 \cdot 0$	$+ 8 \cdot 4$	2	$132. 41. 3 \cdot 0$	$132. 41. 1 \cdot 3$	$- 1 \cdot 7$
Mean $+ 5 \cdot 13$				Mean $- 8 \cdot 42$			

The correction applicable to the Right Ascensions of all stars observed in 1786 is $\frac{+5'' \cdot 13 - 8'' \cdot 42}{2} = -1'' \cdot 65 = -0^s \cdot 11$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1798.

Assumed Latitude of Observatory = $51^{\circ} 28' 40''$.Assumed Mean Obliquity, 1798, Jan. 1 = $23^{\circ} 27' 52'' \cdot 94$; Assumed Mean R. A. of α Aquilæ, 1798, Jan. 1 = $19^h 40^m 55^s \cdot 19$.

Month and Day, 1798.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1798.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 18	$332^{\circ} 14' 49'' \cdot 6$	$332^{\circ} 15' 15'' \cdot 1$	$+25'' \cdot 5$	October 23	$208^{\circ} 21' 24'' \cdot 6$	$208^{\circ} 21' 15'' \cdot 6$	$- 9'' \cdot 0$
21	$335. 7. 6 \cdot 3$	$335. 7. 31 \cdot 9$	$+25 \cdot 6$	19	$204. 25. 53 \cdot 5$	$204. 25. 42 \cdot 9$	$-10 \cdot 6$
27	$340. 47. 37 \cdot 2$	$340. 47. 59 \cdot 3$	$+22 \cdot 1$	13	$198. 49. 15 \cdot 3$	$198. 49. 0 \cdot 1$	$-15 \cdot 2$
March 11	$351. 54. 49 \cdot 8$	$351. 55. 12 \cdot 7$	$+22 \cdot 9$	2	$188. 43. 41 \cdot 8$	$188. 43. 44 \cdot 4$	$+ 2 \cdot 6$
17	$357. 23. 57 \cdot 4$	$357. 24. 15 \cdot 4$	$+18 \cdot 0$	September 26	$183. 18. 2 \cdot 5$	$183. 17. 53 \cdot 1$	$- 9 \cdot 4$
25	$4. 40. 19 \cdot 8$	$4. 40. 42 \cdot 5$	$+22 \cdot 7$	16	$174. 18. 44 \cdot 7$	$174. 18. 35 \cdot 8$	$- 8 \cdot 9$
April 8	$17. 24. 26 \cdot 1$	$17. 24. 43 \cdot 5$	$+17 \cdot 4$	4	$163. 30. 37 \cdot 1$	$163. 30. 25 \cdot 9$	$-11 \cdot 2$
9	$18. 19. 21 \cdot 8$	$18. 19. 38 \cdot 9$	$+17 \cdot 1$	2	$161. 42. 4 \cdot 5$	$161. 41. 57 \cdot 0$	$- 7 \cdot 5$
11	$20. 9. 22 \cdot 4$	$20. 9. 43 \cdot 9$	$+21 \cdot 5$	August 31	$159. 53. 10 \cdot 1$	$159. 52. 56 \cdot 1$	$-14 \cdot 0$
12	$21. 4. 30 \cdot 7$	$21. 4. 55 \cdot 0$	$+24 \cdot 3$	30	$158. 58. 40 \cdot 6$	$158. 58. 25 \cdot 5$	$-15 \cdot 1$
13	$21. 59. 45 \cdot 4$	$22. 0. 8 \cdot 5$	$+23 \cdot 1$	29	$158. 4. 1 \cdot 9$	$158. 3. 51 \cdot 6$	$-10 \cdot 3$
16	$24. 45. 57 \cdot 6$	$24. 46. 21 \cdot 3$	$+23 \cdot 7$	26	$155. 19. 41 \cdot 2$	$155. 19. 25 \cdot 2$	$-16 \cdot 0$
22	$30. 20. 43 \cdot 8$	$30. 21. 16 \cdot 5$	$+32 \cdot 7$	20	$149. 48. 17 \cdot 6$	$149. 48. 3 \cdot 4$	$-14 \cdot 2$
23	$31. 16. 58 \cdot 2$	$31. 17. 27 \cdot 7$	$+29 \cdot 5$	19	$143. 52. 39 \cdot 9$	$143. 52. 28 \cdot 0$	$-11 \cdot 9$
Mean $+23 \cdot 29$				Mean $-10 \cdot 76$			

The correction applicable to the Right Ascensions of all stars observed in 1798 is $\frac{+23'' \cdot 29 - 10'' \cdot 76}{2} = +6'' \cdot 27 = +0^s \cdot 42$.

AT THE ROYAL OBSERVATORY, GREENWICH, IN THE YEARS 1786, 1798, 1799, 1800, AND 1801.

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Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1799.
 Assumed Latitude of Observatory = $51^{\circ}.28'.40''$; Assumed Mean Obliquity, 1799, Jan. 1 = $23^{\circ}.27'.52''.44$.
 Assumed Mean R. A. of α Aquilæ, 1799, Jan. 1 = $19^{\text{h}}.40^{\text{m}}.58^{\text{s}}.11$.

Month and Day, 1799.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1799.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 12	$326^{\circ}.11'.15''.2$	$326^{\circ}.11'.43''.0$	+ $27''.8$	October 29	$213^{\circ}.45'.53''.7$	$213^{\circ}.45'.35''.2$	- $18''.5$
14	$328^{\circ}.8'.32''.1$	$328^{\circ}.8'.53''.7$	+ $21''.6$	27	$211^{\circ}.49'.34''.6$	$211^{\circ}.49'.15''.5$	- $19''.1$
17	$331^{\circ}.2'.59''.5$	$331^{\circ}.2'.58''.0$	- $1''.5$	23	$207^{\circ}.59'.23''.5$	$207^{\circ}.59'.5''.9$	- $17''.6$
25	$338^{\circ}.40'.44''.8$	$338^{\circ}.41'.18''.5$	+ $33''.7$	16	$201^{\circ}.23'.15''.1$	$201^{\circ}.22'.58''.1$	- $17''.0$
March 1	$342^{\circ}.26'.8''.7$	$342^{\circ}.26'.40''.5$	+ $31''.8$	11	$196^{\circ}.44'.41''.8$	$196^{\circ}.44'.29''.9$	- $11''.9$
3	$344^{\circ}.18'.5''.1$	$344^{\circ}.18'.35''.3$	+ $30''.2$	10	$195^{\circ}.49'.28''.8$	$195^{\circ}.49'.21''.6$	- $7''.2$
10	$350^{\circ}.46'.27''.4$	$350^{\circ}.46'.59''.0$	+ $31''.6$	3	$189^{\circ}.25'.10''.3$	$189^{\circ}.25'.8''.3$	- $2''.0$
12	$352^{\circ}.36'.38''.1$	$352^{\circ}.36'.54''.6$	+ $16''.5$	1	$187^{\circ}.36'.11''.8$	$187^{\circ}.36'.11''.2$	- $0''.6$
18	$358^{\circ}.5'.19''.5$	$358^{\circ}.5'.48''.7$	+ $29''.2$	September 25	$182^{\circ}.10'.52''.5$	$182^{\circ}.10'.37''.5$	- $15''.0$
24	$3.32'.23''.8$	$3.32'.39''.4$	+ $15''.6$	19	$176^{\circ}.47'.12''.0$	$176^{\circ}.47'.6''.2$	- $5''.8$
27	$6.15'.46''.8$	$6.16'.9''.2$	+ $22''.4$	16	$174^{\circ}.5.38''.7$	$174^{\circ}.5.32''.7$	- $6''.0$
April 4	$13.32'.10''.5$	$13.32'.23''.0$	+ $12''.5$	7	$166^{\circ}.0.14''.7$	$166^{\circ}.0.3''.0$	- $11''.7$
9	$18.6.10''.6$	$18.6.26''.7$	+ $16''.1$	3	$162^{\circ}.23'.31''.6$	$162^{\circ}.23'.13''.5$	- $18''.1$
11	$19.56.8''.4$	$19.56.26''.5$	+ $18''.1$	1	$160^{\circ}.34'.42''.9$	$160^{\circ}.34'.28''.2$	- $14''.7$
Mean + $21''.83$				Mean - $11''.80$			

The correction applicable to the Right Ascensions of all stars observed in 1799 is $\frac{+21''.83 - 11''.80}{2} = +5''.02 = +0^{\text{s}}.33$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1800.
 Assumed Latitude of Observatory = $51^{\circ}.28'.40''$; Assumed Mean Obliquity, 1800, Jan. 1 = $23^{\circ}.27'.51''.81$.
 Assumed Mean R. A. of α Aquilæ, 1800, Jan. 1 = $19^{\text{h}}.41^{\text{m}}.1^{\text{s}}.02$.

Month and Day, 1800.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1800.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 19	$332^{\circ}.44'.44''.1$	$332^{\circ}.45'.0''.0$	+ $15''.9$	October 22	$206^{\circ}.48'.30''.0$	$206^{\circ}.48'.13''.3$	- $16''.7$
March 5	$345.56.37''.2$	$345.57.7''.9$	+ $30''.7$	8	$193.45.37''.4$	$193.45.28''.2$	- $9''.2$
8	$348.43.2''.9$	$348.43.36''.1$	+ $33''.2$	5	$191.1.6''.6$	$191.0.51''.6$	- $15''.0$
27	$6.3.8''.9$	$6.3.29''.7$	+ $20''.8$	September 16	$173.52.38''.4$	$173.52.28''.3$	- $10''.1$
30	$8.46.36''.9$	$8.47.0''.2$	+ $23''.3$	14	$172.4.45''.0$	$172.4.33''.6$	- $11''.4$
April 7	$16.3.37''.1$	$16.3.56''.8$	+ $19''.7$	3	$162.10.15''.9$	$162.10.6''.3$	- $9''.6$
Mean + $23''.93$				Mean - $12''.00$			

The correction applicable to the Right Ascensions of all stars observed in 1800 is $\frac{+23''.93 - 12''.00}{2} = +5''.97 = +0^{\text{s}}.40$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal Equinox of 1801.
 Assumed Latitude of Observatory = $51^{\circ}.28'.30''.3$; Assumed Mean Obliquity, 1801, Jan. 1 = $23^{\circ}.27'.56''.18$.
 Assumed Mean R. A. of α Aquilæ, 1801, Jan. 1 = $19^{\text{h}}.41^{\text{m}}.3^{\text{s}}.94$.

Month and Day, 1801.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1801.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 17	$330^{\circ}.35'.17''.9$	$330^{\circ}.35'.49''.1$	+ $31''.2$	March 25	$0.1.6''.9$	$0.1.28''.2$	+ $21''.3$
18	$331.33.8''.2$	$331.33.43''.4$	+ $35''.2$	31	$9.27.52''.0$	$9.28.10''.5$	+ $18''.5$
23	$336.20.14''.8$	$336.20.37''.0$	+ $22''.2$	April 2	$11.16.49''.1$	$11.17.10''.8$	+ $21''.7$
24	$337.17.6''.9$	$337.17.36''.8$	+ $29''.9$	4	$13.6.3''.9$	$13.6.19''.6$	+ $15''.7$
26	$339.10.28''.1$	$339.10.53''.0$	+ $24''.9$	5	$14.0.35''.6$	$14.1.4''.6$	+ $29''.0$
March 3	$343.51.25''.3$	$343.51.50''.3$	+ $25''.0$	9	$17.39.48''.9$	$17.40.6''.6$	+ $17''.7$
5	$345.42.57''.1$	$345.43.21''.4$	+ $24''.3$	11	$19.29.42''.3$	$19.30.3''.3$	+ $21''.0$
7	$347.34.0''.9$	$347.34.29''.6$	+ $28''.7$	12	$20.24.50''.3$	$20.25.14''.3$	+ $24''.0$
8	$348.29.27''.3$	$348.29.54''.2$	+ $26''.9$	18	$25.57.3''.3$	$25.57.18''.3$	+ $15''.0$
12	$352.10.18''.3$	$352.10.25''.7$	+ $7''.4$	19	$26.52.42''.3$	$26.52.56''.1$	+ $13''.8$
15	$354.55.4''.7$	$354.55.25''.5$	+ $20''.8$	20	$27.48.29''.9$	$27.48.44''.1$	+ $14''.2$
18	$357.39.21''.8$	$357.39.38''.5$	+ $16''.7$	21	$28.44.26''.4$	$28.44.33''.5$	+ $7''.1$
23	$2.12.9''.3$	$2.12.31''.0$	+ $21''.7$	23	$30.36.24''.6$	$30.36.43''.5$	+ $18''.9$
Mean + $21''.26$							

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ERRORS OF THE ASSUMED POSITION OF THE FIRST POINT OF ARIES, FROM OBSERVATIONS

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Autumnal Equinox of 1801.

Assumed Latitude of Observatory = $51^{\circ}.28'.39''.3$.Assumed Mean Obliquity, 1801, Jan. 1 = $23^{\circ}.27'.56''.18$; Assumed Mean R. A. of α Aquilæ, 1801, Jan. 1 = $19^{\text{h}}.41^{\text{m}}.3^{\text{s}}.94$.

Month and Day, 1801.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1801.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
October 25	$209.26.35''.6$	$209.26.12''.2$	$-23''.4$	September 19	$176.21.22''.5$	$176.21.14''.0$	$-8''.5$
24	$208.29.9''.9$	$208.28.46''.9$	$-23''.0$	15	$172.45.52''.9$	$172.45.44''.7$	$-8''.2$
20	$204.41.34''.5$	$204.41.7''.1$	$-27''.4$	10	$168.16.16''.3$	$168.16.3''.6$	$-12''.7$
18	$202.48.44''.6$	$202.48.12''.2$	$-32''.4$	9	$167.22.14''.8$	$167.22.4''.9$	$-9''.9$
16	$200.56.22''.8$	$200.56.10''.1$	$-12''.7$	7	$165.34.1''.5$	$165.33.56''.3$	$-5''.2$
10	$195.22.52''.2$	$195.22.37''.0$	$-15''.2$	3	$161.57.4''.5$	$161.56.54''.3$	$-10''.2$
9	$194.27.42''.9$	$194.27.26''.5$	$-16''.4$	2	$161.2.41''.4$	$161.2.27''.7$	$-13''.7$
7	$192.37.43''.7$	$192.37.28''.8$	$-14''.9$	1	$160.8.14''.7$	$160.8.4''.6$	$-10''.1$
6	$191.42.51''.0$	$191.42.27''.6$	$-23''.4$	August 25	$153.44.45''.7$	$153.44.32''.5$	$-13''.2$
2	$188.4.18''.4$	$188.4.7''.9$	$-10''.5$	24	$152.49.41''.2$	$152.49.27''.0$	$-14''.2$
September 29	$185.21.21''.4$	$185.21.24''.8$	$+3''.4$	23	$151.54.25''.8$	$151.54.17''.8$	$-8''.0$
25	$181.44.52''.9$	$181.44.35''.0$	$-17''.9$	22	$150.59.5''.1$	$150.58.59''.0$	$-6''.1$
21	$178.9.6''.3$	$178.8.52''.8$	$-13''.5$	20	$149.7.59''.3$	$149.7.53''.0$	$-6''.3$

Mean $-13''.60$.The correction applicable to the Right Ascensions of all stars observed in 1801 is $\frac{+21''.26 - 13''.60}{2} = +3''.83 = +0^{\text{s}}.26$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1802.

Assumed Latitude of Observatory = $51^{\circ}.28'.38''.9$.Assumed Mean Obliquity, 1802, Jan. 1 = $23^{\circ}.27'.55''.58$; Assumed Mean R. A. of α Aquilæ, 1802, Jan. 1, $19^{\text{h}}.41^{\text{m}}.7^{\text{s}}.00$.

Month and Day, 1802.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1802.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 13	$326.27.48''.6$	$326.28.17''.6$	$+29''.0$	October 30	$214.2.14''.9$	$214.1.40''.7$	$-34''.2$
14	$327.26.28''.5$	$327.26.52''.5$	$+24''.0$	28	$212.5.53''.7$	$212.5.29''.5$	$-24''.2$
26	$338.56.40''.4$	$338.57.7''.2$	$+26''.8$	16	$200.42.44''.8$	$200.42.19''.9$	$-24''.9$
27	$339.53.17''.3$	$339.53.38''.5$	$+21''.2$	15	$199.46.52''.5$	$199.46.30''.2$	$-22''.3$
March 1	$341.45.54''.8$	$341.46.21''.1$	$+26''.3$	14	$198.51.5''.5$	$198.50.45''.0$	$-20''.5$
7	$347.20.51''.8$	$347.21.18''.5$	$+26''.7$	7	$192.24.31''.6$	$192.24.12''.0$	$-19''.6$
15	$354.41.56''.4$	$354.42.12''.9$	$+16''.5$	September 29	$185.8.23''.6$	$185.8.10''.4$	$-13''.2$
18	$357.26.4''.0$	$357.26.10''.4$	$+6''.4$	26	$182.25.52''.5$	$182.25.40''.3$	$-12''.2$
20	$359.15.18''.0$	$359.15.33''.5$	$+15''.5$	24	$180.37.54''.6$	$180.37.35''.1$	$-19''.5$
23	$1.58.53''.7$	$1.59.7''.8$	$+14''.1$	21	$177.55.57''.8$	$177.55.43''.9$	$-13''.9$
25	$3.47.46''.4$	$3.47.57''.5$	$+11''.1$	19	$176.8.15''.6$	$176.7.55''.2$	$-20''.4$
26	$4.42.14''.7$	$4.42.26''.8$	$+12''.1$	18	$175.14.20''.3$	$175.14.11''.8$	$-8''.5$
27	$5.36.41''.3$	$5.36.50''.7$	$+9''.4$	17	$174.20.33''.3$	$174.20.10''.4$	$-22''.9$
28	$6.31.11''.0$	$6.31.24''.1$	$+13''.1$	16	$173.26.38''.7$	$173.26.22''.6$	$-16''.1$
29	$7.25.40''.2$	$7.25.57''.5$	$+17''.3$	15	$172.32.44''.3$	$172.32.33''.3$	$-11''.0$
31	$9.14.39''.2$	$9.14.53''.9$	$+14''.7$	13	$170.45.1''.6$	$170.44.41''.6$	$-20''.0$
April 1	$10.9.9''.7$	$10.9.22''.0$	$+12''.3$	12	$169.51.7''.5$	$169.50.51''.9$	$-15''.6$
4	$12.52.57''.6$	$12.53.11''.5$	$+13''.9$	9	$167.9.17''.0$	$167.9.15''.3$	$-1''.7$
5	$13.47.37''.1$	$13.47.53''.9$	$+16''.8$	8	$166.15.12''.8$	$166.14.56''.4$	$-16''.4$
10	$18.21.36''.9$	$18.21.46''.3$	$+9''.4$	3	$161.44.9''.0$	$161.44.16''.5$	$+7''.5$
12	$20.11.37''.5$	$20.11.58''.3$	$+20''.8$	1	$159.55.15''.9$	$159.55.9''.0$	$-6''.9$
14	$22.1.58''.9$	$22.2.9''.4$	$+10''.5$	August 30	$158.6.5''.0$	$158.5.58''.7$	$-6''.3$

Mean $+16''.72$ Mean $-15''.58$ The correction applicable to the Right Ascensions of all stars observed in 1802 is $\frac{+16''.72 - 15''.58}{2} = +0''.57 = +0^{\text{s}}.04$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1803.

Assumed Latitude of Observatory = $51^{\circ}.28'.39''.1$; Assumed Mean Obliquity, 1803, Jan. 1 = $23^{\circ}.27'.55''.36$.

Assumed Mean R. A. of α Aquilæ, 1803, Jan. 1 = $19^{\text{h}}.41^{\text{m}}.10^{\text{s}}.06$.

Month and Day, 1803.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1803.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 16	$329. 8. 43. 7$	$329. 9. 19. 5$	$+ 35. 8$	October 27	$210. 54. 5. 7$	$210. 53. 34. 5$	$- 31. 2$
March 8	$348. 2. 55. 7$	$348. 3. 17. 3$	$+ 21. 6$	7	$192. 11. 6. 3$	$192. 11. 1. 4$	$- 4. 9$
11	$350. 48. 36. 5$	$350. 49. 4. 3$	$+ 27. 8$	4	$189. 27. 8. 6$	$189. 27. 18. 9$	$+ 10. 3$
21	$359. 26. 40. 2$	$359. 26. 57. 6$	$+ 17. 4$	September 24	$180. 25. 8. 0$	$180. 24. 57. 3$	$- 10. 7$
28	$6. 18. 21. 2$	$6. 18. 33. 6$	$+ 12. 4$	16	$173. 13. 51. 5$	$173. 13. 38. 2$	$- 13. 3$
31	$9. 1. 43. 7$	$9. 1. 57. 8$	$+ 14. 1$	13	$170. 32. 10. 1$	$170. 31. 44. 5$	$- 25. 6$
April 1	$9. 56. 16. 5$	$9. 56. 30. 4$	$+ 13. 9$	12	$169. 38. 11. 9$	$169. 38. 0. 3$	$- 11. 6$
5	$13. 34. 34. 7$	$13. 34. 42. 5$	$+ 7. 8$	8	$166. 2. 8. 4$	$166. 1. 50. 2$	$- 18. 2$
6	$14. 29. 15. 8$	$14. 29. 19. 4$	$+ 3. 6$	7	$165. 8. 4. 4$	$165. 7. 40. 7$	$- 23. 7$
10	$18. 8. 25. 4$	$18. 8. 40. 1$	$+ 14. 7$	3	$161. 31. 4. 2$	$161. 30. 42. 0$	$- 22. 2$
12	$19. 58. 23. 9$	$19. 58. 37. 1$	$+ 13. 2$	1	$159. 42. 14. 1$	$159. 41. 57. 8$	$- 16. 3$
15	$22. 43. 52. 5$	$22. 44. 3. 0$	$+ 10. 5$	August 29	$156. 58. 19. 5$	$156. 58. 4. 7$	$- 14. 8$
16	$23. 39. 9. 9$	$23. 39. 24. 5$	$+ 14. 6$	28	$156. 3. 33. 9$	$156. 3. 17. 4$	$- 16. 5$
24	$31. 5. 42. 0$	$31. 5. 59. 4$	$+ 17. 4$	21	$149. 36. 57. 0$	$149. 36. 44. 7$	$- 12. 3$
Mean + 16.06				Mean - 15.07			

The correction applicable to the Right Ascensions of all stars observed in 1803 is $\frac{+ 16''.06 - 15''.07}{2} = + 0''.50 = + 0''.03$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1804.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$; Assumed Mean Obliquity, 1804, Jan. 1 = $23^{\circ}.27'.54''.93$.

Assumed Mean R. A. of α Aquilæ, 1804, Jan. 1 = $19^{\text{h}}.41^{\text{m}}.12^{\text{s}}.98$.

Month and Day, 1804.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1804.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 23	$335. 39. 1. 2$	$335. 39. 11. 9$	$+ 10. 7$	October 19	$204. 0. 32. 8$	$204. 0. 21. 7$	$- 11. 1$
March 5	$345. 58. 22. 9$	$345. 58. 29. 8$	$+ 6. 9$	9	$194. 42. 56. 1$	$194. 42. 41. 3$	$- 14. 8$
7	$347. 49. 31. 2$	$347. 49. 41. 6$	$+ 10. 4$	6	$191. 57. 55. 5$	$191. 57. 47. 1$	$- 8. 4$
17	$356. 59. 48. 1$	$356. 59. 52. 4$	$+ 4. 3$	September 26	$182. 53. 46. 9$	$182. 53. 22. 8$	$- 24. 1$
29	$7. 54. 3. 7$	$7. 54. 19. 5$	$+ 15. 8$	21	$178. 23. 53. 7$	$178. 23. 30. 6$	$- 23. 1$
April 2	$11. 32. 6. 6$	$11. 32. 23. 2$	$+ 16. 6$	20	$177. 29. 54. 3$	$177. 29. 30. 3$	$- 24. 0$
4	$13. 21. 17. 1$	$13. 21. 27. 5$	$+ 10. 4$	15	$173. 0. 44. 4$	$173. 0. 28. 3$	$- 16. 1$
6	$15. 10. 39. 7$	$15. 11. 3. 8$	$+ 24. 1$	14	$172. 6. 53. 1$	$172. 6. 36. 3$	$- 16. 8$
7	$16. 5. 24. 4$	$16. 5. 49. 4$	$+ 25. 0$	11	$169. 25. 11. 8$	$169. 24. 54. 3$	$- 17. 5$
Mean + 13.80				Mean - 17.32			

The correction applicable to the Right Ascensions of all stars observed in 1804 is $\frac{+ 13''.80 - 17''.32}{2} = - 1''.76 = - 0''.12$.

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ERRORS OF THE ASSUMED POSITION OF THE FIRST POINT OF ARIES, FROM OBSERVATIONS

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1805.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.Assumed Mean Obliquity, 1805, Jan. 1 = $23^{\circ}.27'.54''.49$; Assumed Mean R. A. of α Aquilæ, 1805, Jan. 1 = $19^h.41^m.15^s.91$.

Month and Day, 1805.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1805.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 19	$332^{\circ}.32'.58''.0$	$332^{\circ}.33'.10''.5$	+ $12''.5$	October 23	$207^{\circ}.33'.47''.4$	$207^{\circ}.33'.38''.4$	- $9''.0$
22	$335.25.8.4$	$335.25.17.1$	+ 8.7	20	$204.43.7.5$	$204.42.55.7$	- 11.8
March 6	$346.40.54.6$	$346.41.12.2$	+ 17.6	7	$192.39.20.1$	$192.39.8.1$	- 12.0
8	$348.31.48.9$	$348.32.6.8$	+ 17.9	6	$191.44.30.3$	$191.44.21.8$	- 8.5
8	$348.31.48.9$	$348.32.6.8$	+ 17.9	5	$190.49.47.4$	$190.49.41.5$	- 5.9
12	$352.12.37.8$	$352.12.33.0$	- 4.8	2	$188.6.10.2$	$188.5.56.2$	- 14.0
17	$356.46.39.6$	$356.46.48.9$	+ 9.3	September 28	$184.28.56.8$	$184.28.48.0$	- 8.8
22	$1.19.36.0$	$1.19.54.5$	+ 18.5	21	$178.10.39.9$	$178.10.31.5$	- 8.4
23	$2.14.11.6$	$2.14.28.3$	+ 16.7	20	$177.16.46.5$	$177.16.40.8$	- 5.7
25	$4.3.8.6$	$4.3.24.0$	+ 15.4	18	$175.29.0.0$	$175.28.57.9$	- 2.1
April 14	$22.17.27.4$	$22.17.36.8$	+ 9.4	August 29	$157.26.30.0$	$157.26.14.4$	- 15.6
Mean + 12.65				Mean - 9.25			

The correction applicable to the Right Ascensions of all stars observed in 1805 is $\frac{+12''.65 - 9''.25}{2} = +1''.70 = +0^s.11$.

Errors of the Assumed Position of the First Point of Aries, by Observations made near the Vernal and Autumnal Equinoxes of 1806.

Assumed Latitude of Observatory = $51^{\circ}.28'.40''$.Assumed Mean Obliquity, 1806, Jan. 1 = $23^{\circ}.27'.54''.06$; Assumed Mean R. A. of α Aquilæ, 1806, Jan. 1 = $19^h.41^m.18^s.83$.

Month and Day, 1806.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.	Month and Day, 1806.	Sun's R. A. from Observation of Transits.	Sun's R. A. computed from Observed Declination.	Excess of computed R. A.
February 17	$330^{\circ}.23'.24''.0$	$330^{\circ}.23'.27''.9$	+ 3.9	October 26	$210^{\circ}.12'.15''.0$	$210^{\circ}.12'.22''.5$	+ 7.5
22	$335.11.26.2$	$335.11.28.5$	+ 2.3	20	$204.29.52.5$	$204.29.47.8$	- 4.7
March 5	$345.31.40.9$	$345.31.49.5$	+ 8.6	11	$196.6.31.9$	$196.6.26.5$	- 5.4
7	$347.22.48.6$	$347.22.46.7$	- 1.9	6	$191.31.20.2$	$191.31.23.8$	+ 3.6
15	$354.43.44.4$	$354.43.55.5$	+ 11.1	September 27	$183.21.54.6$	$183.21.54.2$	- 0.4
21	$0.11.56.7$	$0.11.58.3$	+ 1.6	25	$181.33.48.4$	$181.33.40.3$	- 8.1
April 5	$13.49.36.3$	$13.49.42.6$	+ 6.3	7	$165.22.56.4$	$165.22.48.1$	- 8.3
6	$14.44.21.1$	$14.44.27.0$	+ 5.9	6	$164.28.46.6$	$164.28.42.3$	- 4.3
7	$15.39.0.9$	$15.39.7.9$	+ 7.0	5	$163.34.26.5$	$163.34.28.0$	+ 1.5
Mean + 4.98				Mean - 2.07			

The correction applicable to the Right Ascensions of all stars observed in 1806 is $\frac{+4''.98 - 2''.07}{2} = +1''.45 = +0^s.10$.