Revised Coordinates and Proper Motions of the Stars in the Luyten Half-Second Catalogue

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ABSTRACT

We present refined coordinates and proper motion data for the high proper motion (HPM) stars in the Luyten Half-Second (LHS) catalogue. The positional uncertainty in the original Luyten catalogue is typically $> 10''$ and is often $> 30''$. We have used the digital scans of the Palomar Observatory Sky Survey (POSS) I and POSS II plates to derive more accurate positions and proper motions of the objects. Out of the 4470 candidates in the LHS catalogue, 4323 objects were manually re-identified in the POSS I and POSS II scans. A small fraction of the stars were not found due to the lack of finder charts and digitized POSS II scans. The uncertainties in the revised positions are typically $\sim 2''$, but can be as high as $\sim 8''$ in a few cases, which is a large improvement over the original data. Cross-correlation with the Tycho-2 and Hipparcos catalogues yielded 812 candidates (with $m_R \lesssim 12$). For these brighter sources, the position and proper motion data were replaced with the more accurate Tycho/Hipparcos data. In total, we have revised proper motion measurements and coordinates for 4040 stars and revised coordinates for 4330 stars. In the printed version of the paper, we present the updated coordinates and proper motion information on 528 sources which represent the high proper motion subset ($\mu > 1''$ yr^{-1}) of the LHS catalogue. The electronic version of the paper[1] contains the updated information on all the 4470 stars in the LHS catalogue.

Subject headings: astronomical data bases: high proper motion – catalogues

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[1]The catalogue is available online at http://www.stsci.edu/∼ksahu/lhs

1. Introduction

High proper motion stars serve as useful probes for the determination of many fundamental parameters, such as the stellar luminosity function, luminosities and masses of individual stars, and the structure and kinematics of the Galaxy. Among the few high-proper motion catalogues available so far, the most exhaustive ones are those of Luyten, which cover both the southern and the northern hemispheres, and that of Giclas et al. which covers only the northern hemisphere. The Lowell Proper Motion Survey by Giclas et al. (1971) has 8991 stars in the northern hemisphere, with $\mu > 0.26'' \text{ yr}^{-1}$, where μ is the proper motion. Luyten's catalogues can be mainly divided into 2 parts: the NLTT Catalogue, which has 58,845 stars with $\mu > 0.18'' \text{ yr}^{-1}$ both in the northern and the southern hemispheres (Luyten, 1961; Luyten, 1980); and the Luyten Half-Second Catalogue (hereafter referred to as the LHS catalogue) – the main subject of this paper – which has the higher proper motion subset of 4470 stars with $\mu > 0.5'' \text{ yr}^{-1}$ (Luyten, 1979).

As explained in more detail later, the positional information of the stars in the LHS catalogue have generally large uncertainties, which can be as high as several arcminutes. However, the LHS catalogue is used as the basis for many different studies, including the luminosity functions of the halo population in the solar neighborhood (e.g. Dawson, 1986) and the nearby white dwarfs (e.g. Oswalt & Smith 1995). Many astronomical projects, particularly the ones that need follow-up observations, would greatly benefit from more accurate positions of the high-proper motion stars. So we undertook the task of deriving accurate positions and proper motions for these high proper motion stars using the Digitized Sky Survey I (DSS) I and DSS II images, which are the digitized versions of the first and second epoch Palomar Observatory Sky Survey (POSS) plates[6]. The results are presented in this paper.

The paper is arranged as follows: in §2 we describe the details of the LHS catalogue, in §3 we describe our procedure for determining more accurate positions and proper motions of these stars, in §4 we provide the details of the use of Tycho-2/Hipparcos catalogues for the brighter stars, in §5 we give the accuracy of our new catalogue and some overall statistics, and in §6 we outline some suggestions for future work. The actual catalogue is given in tabular form, an online version of which is available through the WWW at

[6]Based on photographic data obtained using The UK Schmidt Telescope. The UK Schmidt Telescope was operated by the Royal Observatory Edinburgh, with funding from the UK Science and Engineering Research Council, until 1988 June, and thereafter by the Anglo-Australian Observatory. The Digitized Sky Survey images were produced from these photographic data at the Space Telescope Science Institute under US Government grant NAG W-2166.

http://www.stsci.edu/~ksahu/lhs. The electronic version of the paper and the online catalog contain information on all the 4470 stars in the LHS catalogue, with updated positions and proper-motions for 4040 stars, and only updated positions for 4340 stars. The printed version contains information on 528 sources which represent the high proper motion subset ($\mu > 1'' \text{ yr}^{-1}$) of the LHS catalogue. The finding charts for these sources can be obtained using the Digitized Sky Survey server at STScI (http://archive.stsci.edu/cgi-bin/dss_form), by providing the coordinates appropriate for the epoch of the DSS observations.

2. Accuracy of LHS Coordinates and Magnitudes

Table 1 gives the details of the number of entries in various proper motion bins in the LHS catalogue. It is worth noting that out of the total of 4470 stars, 40 are common proper motion binaries.

Most of the HPM stars in the LHS and the NLTT catalogues were detected and catalogued through a massive effort by W. J. Luyten, which involved blinking the plates taken at two epochs, either by hand or by an automated machine (Luyten, 1979). This was done for 804 fields, and the remaining 160 low galactic latitude fields could not be processed because of high density of stars. As a result, the catalogue contains fewer stars in the low-galactic latitude fields than in the high-galactic latitude fields. Furthermore, the ESO plates (covering area south of -33° declination) were not available. So the density of HPM stars is smaller south of -33° (limit of the Palomar Survey) compared to the northern region.

The positions of a small fraction ($\sim 10\%$) of these HPM stars were measured from the meridian circle observations, for which 'absolute' positions are given in the LHS catalogue. For the remaining majority of the stars, only the 'relative' positions are given. As a result, although the LHS catalogue gives the positions of the stars to an accuracy of 1s (or $15''$) in RA and $0.1'$ in dec, the positional uncertainty is often larger. The uncertainty amounts to as much as several arcminutes in some cases, as discussed in the next section.

Apart from the positions and the proper motion information, the LHS catalogue also contains the estimated magnitudes. For a majority of the stars, both red (R) and blue (pg) magnitudes are given, as determined from the plates. In the LHS catalogue, the number of stars with no red magnitude is 7, and the number of stars with no blue magnitude is 163. The magnitude distribution of the stars is shown in Fig. 1 which shows that the catalogue has a limiting (red) magnitude of about 18. For reference, a straight-line fit to the points in the brighter bins is plotted, which indicates that the catalogue is affected by incompleteness beyond $m_R \sim 14$.

We would like to emphasize that the overall precision of the proper motions (the magnitude of the motion μ, as well as its position angle θ) in the LHS catalogue is generally good, only the positions have high uncertainties (more details in the following sections).

3. The Method of Manual Search

Manual inspection of several candidates using finder charts of the LHS Atlas (Luyten & Albers, 1979) revealed that the position errors can readily exceed 1 arcmin (see upper panel of Fig. 2). Such a large positional uncertainty makes it difficult to use an existing catalogue such as the Guide Star catalogue (GSC) to derive more accurate positions of the candidates through cross-correlation. Indeed, we first attempted to derive accurate coordinates through an automated approach, by correlating the positions of the LHS stars with the sources in the GSC after performing the appropriate coordinate-transformations to the epoch of the GSC observations. However, the number of matching pairs was small even with a search radius of $30''$, yielding accurate positions for only a small number of sources. If the search radius was made bigger, the chance of finding another random star in the field was high, and hence the cross-correlation technique was not reliable. The automated search was made even more difficult by numerous plate-flaws, dense stellar fields, possible minor planets, double stars, etc.

In order to reliably identify the HPM stars in an existing catalogue or image, it is not only necessary to make sure that the candidate lies within a specified search radius, but it is also important to confirm that the object has a high proper motion and has a similar brightness as specified in the original catalogue. The first and second epoch POSS plates are ideally suited for this purpose since (i) they cover the whole sky, (ii) the limiting magnitude of the plates makes *all* the LHS stars readily visible, and (iii) there are observations at two epochs so that the motion of the HPM stars can be readily identified by a comparison of the first and second epoch images. Furthermore, these digital scans were originally made at STScI and hence are locally available to the authors, which makes the task easier. An example is shown in Fig. 3 where the two panels show the DSS I and DSS II images of LHS 36. The size of each image is 10 $'$x 10 $'$, and the epochs of observations are 1953.28 and 1995.15 for of DSS I and DSS II, respectively. The HPM star is easily seen because of its motion between the two epochs. Since the source coordinates as determined from the DSS images are accurate to $\sim 1''$, the coordinates at two epochs can be used to derive more accurate positions and proper-motion data for these HPM stars.

To identify the candidates with the greatest certainty, we performed *manual* identification of all the 4470 stars using the DSS I and DSS II images and the finder charts of the

LHS Atlas (Luyten & Albers, 1979), with the help of our self-written, IRAF-based GLUYFIN, GLUYPOSSI scripts[7]. The procedure for the manual identification is briefly described below.

The DSS images for the two epochs were first retrieved through an automatic script. The sizes of the images were selected to be large enough so that the candidates would be in the field even with $\sim 1'$ initial errors in the coordinates and after undergoing the proper motions for ~ 40 years, but as small as possible in order to achieve good resolution which is required for precise astrometry. The size of the images for Luyten stars 1 to 100 ($\mu > 2''$ yr^{-1}) was $15' \times 15'$, the size of the images for stars 101-1000 ($2''$ yr$^{-1} > \mu > 1''$ yr^{-1}) was $5' \times 5'$, and the size of the images for stars 1001-6433 ($1''$ yr$^{-1} > \mu > 0.48''$ yr^{-1}) was $4' \times 4'$ (cf. Table 1).

DSS I charts were retrieved for *all* fields, but DSS II charts were not available for 644 coordinates out of the 4470 (marked with "P" in Table 2). Four DSS I and twenty-one DSS II images were of poor quality (edge of the plates), which were not usable at all (marked with "1" and "2", respectively).

If both DSS scans were available, and both scans had no major defects (3801 cases), then the procedure for determining the positions of the HPM star was as follows. The GLUYFIN script was used to display and blink the two frames, and the HPM star was conspicuous by its shift. Manual centering with a cursor and subsequent two dimensional Gaussian-profile fitting were performed for both frames, yielding precise pixel coordinates of the star for the two epochs. These pixel coordinates were transformed to astrometric positions using the STSDAS/GASP package, which uses the plate-constants stored in the header. (The resulting positions are in the GSC system, the details of which are given later.) Using the two positions determined for the two epochs, the proper motion of the star, its position angle and its extrapolated position for epoch 2000.0 were computed. These results are presented in Table 2.

Profile fitting *sometimes* failed or produced incorrect coordinates if the HPM star was saturated (477 cases - flagged as "s"), or if the star is merged with another star in one of the scans (246 cases – flagged as "m"). If the fitted position was obviously off the centroid, which was often caused by the diffraction spikes of a saturated star, the parameters were fine-tuned, and in extreme cases manual centering was performed (305 saturated and 64 merged stars were re-fitted – flagged as "c"). Double stars were looked up from the LHS catalogue, so as to correctly identify the components ("d").

Our proper motion determination (μ, θ) is sometimes uncertain, mostly because the

[7]All the scripts are available from the first author on request by e-mail

positional shift of the HPM star between the two epochs was not sufficient to determine the proper motion, or because the star was blended on one of the images (522 cases). In such a case, the star was flagged ("b"), and proper-motion data from Luyten was used to compute J2000.0 coordinates, still using our coordinates as initial values. Since the identification of the HPM star is secure, use of the DSS coordinates clearly provides a more accurate position of the star. The same procedure was adopted for all the HPM stars with smaller shift than $5''$ between the two DSS scans ("B").

If the identification from the DSS plate was uncertain, the identification was reconfirmed using the finding charts in the LHS Atlas (flagged as "i"). However, in some cases finding charts were not available in the LHS Atlas, though they would have been needed for secure identification (140 cases, marked as "W").

Finally, if the star was not found, the original coordinates and proper motion of Luyten are listed in Table 2 (flagged as "N").

If only one DSS image was available or had acceptable quality, stars were identified using the finder charts of the LHS Atlas. Astrometry was carried out on the single frame available using the GLUYPOSSI script, and coordinates for J2000.0 were computed from the proper motion given by Luyten. If the DSS II image was not available, the star was flagged as "P". It is worth noting that no Luyten stars with IDs greater than 6000 have finding charts since they were compiled from published data. In many cases, we could identify the star even without a finder, particularly when the initial coordinates were relatively good, and the star was bright and isolated.

4. Correlation with the Tycho-2 and Hipparcos Catalogues

The Tycho-2 catalogue is an astrometric reference catalogue containing positions and proper motions as well as two-color photometric data for the $\sim$ 2.5 million brightest stars in the sky (Høg et al. 2000). Tycho-2 is based on observations of the ESA Hipparcos satellite, and supersedes the earlier Tycho-1 catalogue (Høg et al. 1997) both in the number of sources and in astrometric precision. The limiting magnitude ($V \sim 11.5$) of Tycho-2 allows cross-identification of only the bright LHS stars, which considerably improves the precision compared to the manual method, especially when the source is saturated in the DSS image. We cross-correlated our *refined* coordinates with the coordinates in the Tycho-2 catalogue (note that in few cases, e.g. when no DSS images were available, these were identical to the original LHS positions). Tests showed that the number of detections saturated at a critical distance of $8''$ between coordinates (which is used as one of the selection criteria).

Inspection of histograms of the magnitude differences both in the "blue" (Tycho B and Luyten photographic) and the "red" (Tycho V and Luyten red) bands showed that red magnitudes have a better correlation, which can be expressed as: $m_{Tyc,V} - m_{LHS,red} = 0.1^m \pm^{1.1}_{0.5}$ (median±maximum width of the distribution of the magnitude difference). Using the combined criteria of position and magnitude differences, 713 entries were refined and substituted by Tycho data (flagged as "T"). Double stars were handled manually, so as to avoid confusion. The Luyten photographic and red magnitudes were substituted by Tycho B and V magnitudes.

The Tycho-2 catalogue Supplement No. 1 lists stars that were published in the Tycho-1 or Hipparcos catalogues (Perryman et al. 1997), but not listed in Tycho-2. Some of these stars were excluded from Tycho-2 as they were too bright for proper treatment in the data reduction. We searched the Supplement catalogue by selecting candidates with proper motion and red magnitude measurements, i.e. only by selecting stars that were previously published in the Hipparcos catalogue, but not necessarily in Tycho-1. The same detection criteria as in the case of the Tycho-2 yielded 99 candidates.

5. The Revised Catalogue

5.1. Overall Statistics

Out of the 4470 HPM stars in the LHS catalogue, 3801 had both DSS I and DSS II images with acceptable quality. Through a manual search as explained above, a total of 4323 stars were identified reliably, 12 stars had uncertain identifications, and 135 stars were not found. New proper motion values were determined for 3894 stars. After *cross-correlation* with the Tycho-2 and Supplement (Hipparcos) catalogues, six additional stars were identified which were previously not found, two uncertain identifications were clarified and the coordinates and proper motions were improved for 812 stars (713 from Tycho-2, 99 from Supplement). The final number of entries with new (μ, θ) and coordinates are 4040 and 4330, respectively.

5.2. Astrometric Accuracy

In case of *manual identification*, the uncertainty in the final astrometric position of the HPM star is due to several factors: (i) the error in determining the center of the PSF at each epoch (ii) the positional error in the reference catalogue (iii) the error due to the (imperfect knowledge of the) geometric distortion of the plate, and (iv) the error in the determination of the magnitude and direction of the proper motion and the consequent error in the extrapolation of the position to the epoch 2000.

The point-spread functions (PSFs) in the majority of the DSS images had FWHM of $\sim 7''$ (DSS I) and $\sim 4-5''$ (DSS II), while the plate scales are $1.68''$/pixel and $1''$/pixel, respectively. The error in our profile-fitting, except for the saturated and merged stars, was less than 0.2 pixel ($\sim 0.2''$), the typical error being about 0.05 pixel ($\sim 0.05''$). When the Gaussian fit failed, manual re-fitting could have an error of 1 pixel ($\sim 1''$).

The absolute astrometry at each epoch also depends on the accuracy of the plate-constants stored in the headers of the digital scans, and their systematic errors caused by the reference catalogues used. The northern hemisphere reference system is based on the AGK3 catalogue (Dritter Katalog der Astronomischen Gesellschaft), and southern hemisphere reference system is based on SAOC (Smithsonian Astrophysical Observatory Catalogue) in the region north of $-65°$ and CPC (Cape Photometric Catalogue for 1950.0) in the far south, below $-65°$. The positional accuracy of the northern reference catalogue is, in general, 3 times better than the southern one ($0.6''$ vs. $1.7''$).

Positional errors caused by the geometric distortion from the plate center to the edge are in the range $0.5''$ to $1.1''$ in the northern celestial hemisphere, and $1.0''$ to $1.6''$ in the southern celestial hemisphere (Taff et al. 1990).

In order to determine the position of the HPM star for the epoch 2000.0, we need to extrapolate the position from the POSS epoch, using the derived magnitude and direction of its proper motion. This procedure accordingly increases the uncertainty in the final astrometric position.

We estimate that the combined effect of these uncertainties in the final astrometric position would be typically 2 arcsec, but can be $\sim 8''$ in a few cases. This is confirmed by Fig. 4, which shows that the difference between our coordinates and the Tycho coordinates peaks at $2''$, beyond which it drops rapidly and approaches zero beyond $5''$. We also tried to empirically estimate the final error by comparing the observed positions of a few HPM stars (as given in the GSC) with the derived positions using our method. We transformed the positions of several stars to the epoch of the appropriate Guide Star Catalogue (GSC) fields (which are based on Palomar Quick-V and the SERC-J survey), and compared them with the position of the GSC star. The positions were consistent within $\sim 5''$, as expected. We note that the uncertainty is dominated by the systematics explained above, and not by the accuracy in the determinations of the centroids of the stars at each epoch. So the uncertainties are not expected to be correlated with the magnitudes of the stars, which was further confirmed by making plots similar to Fig. 4 for stars in different magnitude bins.

The accuracy of the proper motions (μ and θ) is more difficult to estimate since they clearly depend on the timespan between the two epochs of observations, the quality of the images, etc. But comparison of the proper motions with the Tycho-2 catalog gives a fair estimate, which is shown in Fig. 4. We estimate that for reliably identified sources, the accuracy in μ is generally $\pm 0.1'' yr^{-1}$, and the accuracy in θ is $\pm 5^{\circ}$. But such a comparison with the Tycho-2 catalog is valid only for the brighter stars. However, we note that the DSS goes much deeper than the magnitude limit of the LHS catalog, and the predominant uncertainty in the proper motions comes from the timespan between the two epochs rather than the brightness of the source. So the error is not likely to be larger than twice these values even for the fainter sources.

The accuracy is naturally much higher for brighter sources with *Tycho-2/Hipparcos* data. In these cases, the standard errors in the coordinates and the proper motions for all the stars are 60 mas and 2.5 mas yr^{-1}, respectively, but if $m_{Tyc,V} < 9.0^m$, the errors in the coordinates are less than 7 mas. Thus there is a large difference between the precisions of the Tycho-2 entries and the entries made with manual identification. In this sense, our catalogue in not homogeneous; but we have provided the best measurements that are currently available in all cases.

6. Summary and Suggestions for Future Work

We have revised the coordinates and proper motion data for the high proper motion (HPM) stars in the Luyten Half-Second (LHS) catalogue. The positional uncertainty in the original Luyten catalogue is typically $> 10''$ and is often $> 30''$. The uncertainties in the revised positions are typically $\sim 2''$, but can be as high as $\sim 8''$ in a few cases. The accuracy in μ is generally $\pm 0.1'' yr^{-1}$, and the accuracy in θ is $\pm 5^{\circ}$. Out of the 4470 candidates in the LHS catalogue, we have revised proper motion measurements and coordinates for 4040 stars and revised coordinates for 4330 stars. For most of the brighter sources ($m_R \lesssim 12$), the position and proper motion data have been replaced with the more accurate Tycho/Hipparcos data.

As described in §1, the LHS catalogue contains only a subset of the HPM stars currently available in the literature. It would be useful if the work presented here is extended to include the full set of the HPM stars, including those in the Luyten catalogue of HPM stars with $\mu > 0.2'' yr^{-1}$, for which the coordinates have large uncertainties. Indeed, now that the DSS I and the DSS II images are available for the whole sky, it should be possible to produce a complete catalogue of all the HPM stars in the entire sky including the Galactic plane region, down to stars with $\mu < 0.1'' yr^{-1}$. Fortunately, such a project has been undertaken by a group at STScI, and the product will be extremely useful for several projects. Such projects would include, to name a few, (i) the prediction of future microlensing events of background stars by HPM stars, the observations of which can be used to derive accurate masses of the HPM stars (see, e.g., Salim and Gould 2001; Dominik and Sahu 2000; Paczyński 1998); (ii) cross-correlations with other catalogues to obtain data at other wavelengths; and (iii) determining the contributions of possible halo populations in the solar neighborhood (e.g. Schmidt 1975; Dawson 1986; Oppenheimer et al. 2001; Reid, Sahu and Hawley 2001).

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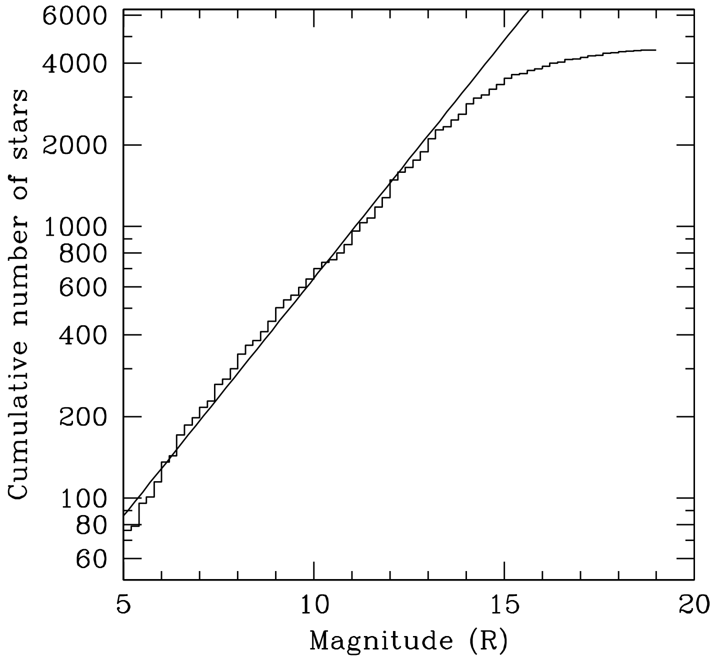

Fig. 1.— The figure shows the cumulative number distribution of stars as a function of magnitude. This shows that the LHS catalogue has a limiting (red) magnitude of about 18. A straight line is shown for reference which indicates that the catalogue is affected by incompleteness beyond $m_R \sim 14$.

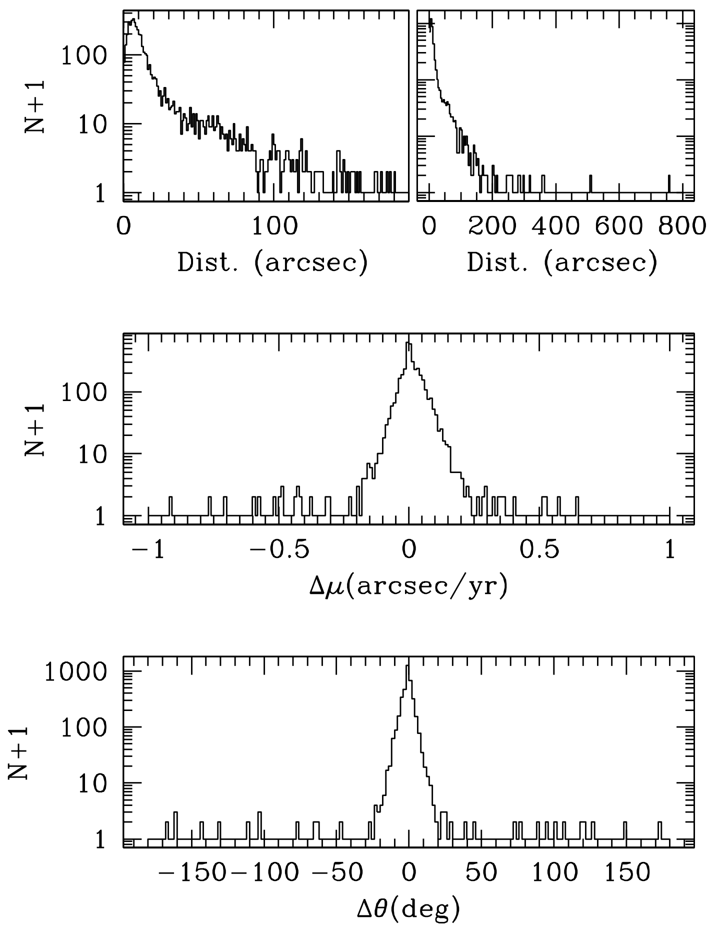

Fig. 2.— The upper panel shows a histogram of the distance between our positions (either result of the manual method or cross-correlation with the Tycho catalogue) and the positions in the LHS catalogue, both for epoch and equinox 2000.0. The upper left panel uses $1''$ bins, while the upper right panel employs $4''$ bins. Only those stars were included, which were identified by the manual search or cross-correlation with the Tycho catalogue. Note the long tail of the distribution. The mid-panel shows the difference between Luyten's and our proper motion in 200 equally spaced bins with $0.01''$ binwidth. The lower panel displays the angle between the star's motion determined by Luyten and by the present work (180 bins of 2° width). The lower two panels are shown only for stars not flagged as "B" or "b" in Table 2, i.e. when we have new μ and θ measurements.

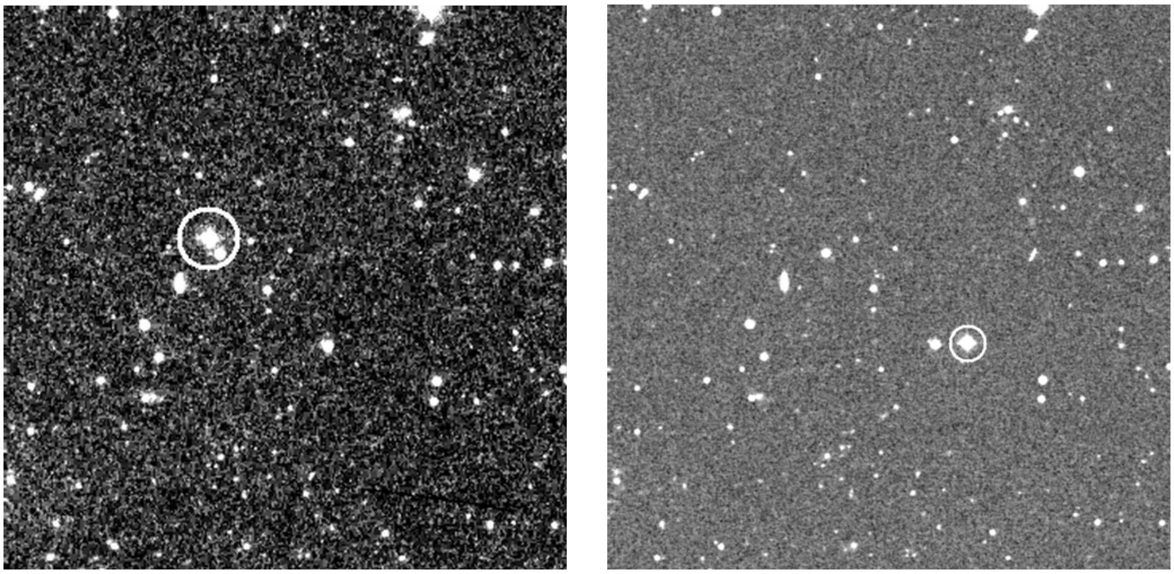

Fig. 3.— An example of the DSS I (left) and DSS II (right) images used for determining the coordinates and the proper motions. The images shown here correspond to LHS 36, and the size of each image is $10' \times 10'$. The epochs of observations are 1953.28 and 1995.15 for DSS I and DSS II, respectively. The HPM star is easily seen because of its motion during the two epochs. North is up, and east is to the left.

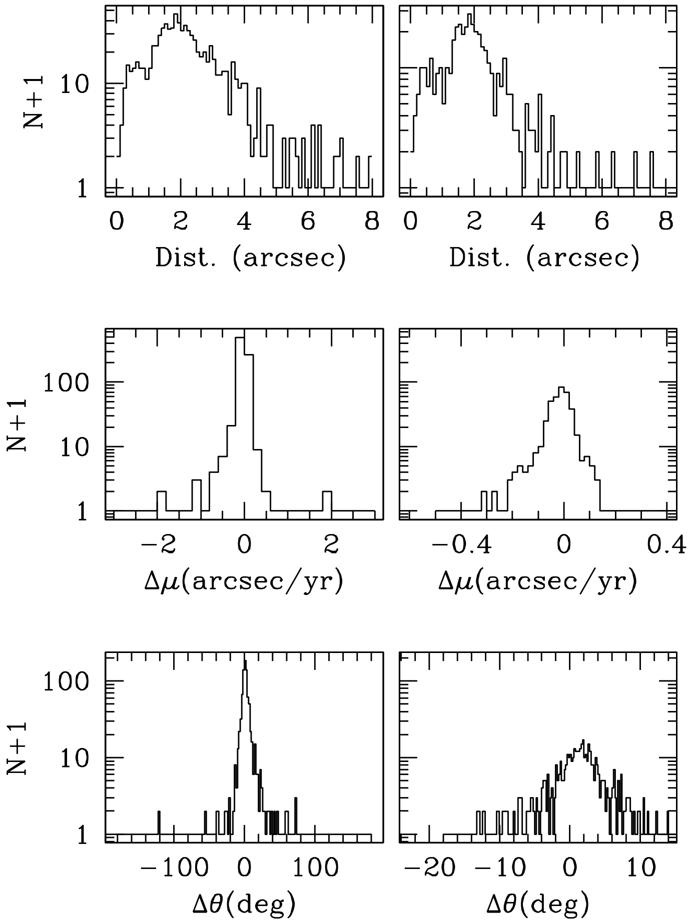

Fig. 4.— The upper left panel shows a histogram of the distance between the position as determined from the manual identification and that of the Tycho catalogue for all the stars which were found both in the Tycho catalogue and in the manual search (805 entries). The width of the bins is $0.1''$. The upper right panel is almost the same, but here the stars with "B,b,s,i,m,c" flags in Table 2, i.e. those with inaccurate proper motion measurements, saturated profiles, etc., are not included. The two histograms are very similar, which shows that the uncertainty in the proper motion (and the consequent uncertainty in the extrapolation to epoch 2000.0) is only a second order effect compared to the original positional errors. The middle panel shows the difference between the proper motions as determined from the manual identification and that of the Tycho catalogue. The middle left panel is for all stars (found both in the Tycho catalogue and in the manual search), using $0.2''/yr$ binwidth. This shows that saturation of the star or inadequate timespan between the two observations can yield very inaccurate proper motion measurements. The middle right panel shows the same ($0.02''/yr$ binwidth, 384 stars), but after filtering all saturated and merged stars, and those with inaccurate proper motion estimates ("B,b,s,i,m,c" flags). In these cases, our manual method has high accuracy. The lower left panel displays the angle between the star's motion in the Tycho catalogue and that of the manual method (180 bins of $2°$ width). The lower right panel is the same but after filtering as in the previous panels. Again, this shows that the accuracy in θ is high if the star is not affected by saturation or merging.

Table 1: Stars in the LHS catalogue

Location in catalogue	Proper motion (μ) ($''/yr$)	No. of stars	% of total
Main body, 1-100	>2	73	1.6
Main body, 101-1000	$1 - 2$	455	10.2
Main body, 1001-5000	$0.5 - 1$	3073	69
Appendix I, 5001-6000	$0.48 - 0.499$	441	9.4
Appendix II, >6001	$> 0.49^*$	428	9.8
All		4470	

*stars for which at one time or another a value of $\mu > 0.49$ $''$ yr^{-1} was published

Table 2. Revised Positions and Proper Motions for LHS stars

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1	00	05	24.43	-37	21	26.5	6.11	112.54	5.7	Ts		00	05	24	-37	21	24	6.108	112.5	1977.70569	1996.71313	8.8	10.4	6995-01264-1
2	00	06	43.40	-07	32	19.4	2.13	197.02	9.5			00	06	43	-07	32	12	2.041	203.6	1983.74939	1989.89038	13.0	15.5	——
3	00	18	22.89	44	01	22.6	2.92	81.94	1.8	Tdms		00	18	23	44	01	24	2.899	82.2	1954.75684	1989.76233	8.3	10.1	2794-00157-1
4	00	18	25.79	44	01	38.2	2.93	81.28	4.5	cs		00	18	26	44	01	42	2.899	82.2	1954.75684	1989.76233	10.3	12.6	——
5	00	20	4.07	-64	52	39.6	1.65	76.17	15.6	bs		00	20	4	-64	52	24	2.063	55.9	1977.86694	1993.63562	4.3	4.8	——
6	00	25	49.47	-77	15	23.8	2.97	93.98	15.9	bs		00	25	45	-77	15	18	2.250	81.7	1977.76855	1987.70410	2.8	3.5	——
7	00	49	09.90	05	23	19.0	2.98	155.54	5.2	H		00	49	10	05	23	24	2.980	155.7	1953.83081	1994.60938	12.6	—	3829
8	01	08	16.36	54	55	13.1	3.77	115.12	3.3	Ts		01	08	16	54	55	12	3.762	114.9	1954.00842	1990.79260	5.2	6.0	3673-01929-1
9	01	39	2.00	-17	57	0.0	3.37	80.40	—	NP		01	39	2	-17	57	0	3.368	80.4	1978.68945	——	12.2	14.1	——
10	01	39	2.00	-17	57	0.0	3.37	80.40	—	NP		01	39	2	-17	57	0	3.368	80.4	1978.68945	——	12.7	14.6	——
11	02	00	13.05	13	03	5.3	2.13	148.07	44.6			02	00	10	13	03	6	2.097	147.8	1950.61768	1990.88000	12.5	14.2	——
12	02	02	52.14	05	42	20.5	2.43	107.07	3.2	TP		02	02	52	05	42	18	2.432	106.3	1954.89648	——	12.4	13.6	0043-00072-1
13	02	10	25.98	-50	49	25.2	2.25	72.62	4.8	Tbs		02	10	26	-50	49	30	2.206	73.1	1975.85071	1988.90979	6.2	7.1	8048-01022-1
14	02	12	21.00	03	34	24.0	2.60	223.50	—	NP		02	12	21	03	34	24	2.598	223.5	1953.77356	——	9.6	11.3	——
15	02	36	4.81	06	53	15.0	2.32	51.40	4.1	PW		02	36	5	06	53	12	2.322	51.4	1954.97302	——	5.8	7.0	——
16	02	36	15.28	06	52	18.9	2.32	51.40	4.3	PW		02	36	15	06	52	18	2.322	51.4	1954.97302	——	11.3	13.1	——
17	02	46	15.00	-04	59	18.0	2.52	138.10	—	NP		02	46	15	-04	59	18	2.524	138.1	1982.78809	——	14.8	16.7	——
18	03	10	58.57	73	46	18.9	2.13	120.67	2.0			03	10	59	73	46	18	2.104	120.0	1953.78467	1994.77905	15.1	16.3	——
19	03	19	55.65	-43	04	11.2	3.12	76.52	3.9	Ts		03	19	56	-43	04	12	3.147	76.5	1977.78247	1994.99451	4.3	5.1	7567-01183-1
20	03	38	15.58	-11	29	13.1	3.03	152.10	251.4	P		03	38	28	-11	32	6	3.033	152.1	1982.79346	——	11.9	13.3	——
21	04	03	15.00	35	16	23.9	2.20	128.06	0.1	Tcs		04	03	15	35	16	24	2.204	128.0	1954.97058	1993.70789	8.6	9.6	2366-03215-1
22	04	10	27.29	-53	36	10.2	3.77	223.29	11.6	cm		04	10	26	-53	36	12	2.521	198.1	1978.77441	1994.98901	13.5	15.0	——
23	04	15	17.23	-07	39	36.1	5.54	194.40	30.2	bdms		04	15	16	-07	39	12	4.079	213.3	1982.81555	1985.95337	4.4	5.3	——
24	04	15	16.92	-07	39	54.7	8.06	235.28	65.5	bdms		04	15	21	-07	39	30	4.079	213.3	1982.81555	1985.95337	9.7	9.7	——
25	04	15	18.51	-07	39	6.6	3.11	183.27	43.8	bdms		04	15	21	-07	39	30	4.079	213.3	1982.81555	1985.95337	10.6	12.3	——
26	04	31	11.85	58	58	37.8	2.44	146.69	14.4	dm		04	31	10	58	58	36	2.383	144.8	1953.11267	1992.76624	11.2	12.9	——
27	04	31	11.85	58	58	37.8	2.44	146.69	6.8	dm		04	31	11	58	58	36	2.383	144.8	1953.11267	1992.76624	13.0	12.8	——
28	05	03	23.89	53	07	42.5	2.02	139.70	1.1	T		05	03	24	53	07	42	2.008	140.5	1954.97339	1989.89941	10.1	11.7	3734-00270-1
29	05	11	40.61	-45	01	6.7	8.73	131.42	4.2	T		05	11	41	-45	01	6	8.688	131.3	1975.90845	1990.06848	9.0	10.8	8078-01749-1
30	05	31	26.96	-03	40	45.7	2.62	170.65	3.7	bs		05	31	27	-03	40	42	2.235	160.2	1984.89795	1990.97266	8.3	9.8	——
31	05	42	09.28	12	29	21.6	2.55	128.16	758.4	T		05	42	9	12	42	0	2.571	128.4	1951.84497	1991.85864	11.5	13.1	0722-00455-1
32	05	55	9.58	-04	10	9.7	2.57	167.12	7.3	bm		05	55	10	-04	10	6	2.377	166.6	1983.99341	1989.02197	14.5	15.4	——
33	07	27	24.50	05	13	32.9	3.74	171.17	8.0	Tm		07	27	24	05	13	30	3.761	171.2	1954.17578	1991.10193	10.0	11.8	0173-03208-1
34	07	53	8.38	-67	47	32.2	2.15	135.87	31.9			07	53	14	-67	47	30	2.041	135.6	1978.10278	1996.13110	14.4	15.0	——
35	08	11	57.67	08	46	22.2	5.24	167.89	6.5	m		08	11	58	08	46	18	5.211	167.1	1951.23621	1988.94360	12.7	14.3	——
36	10	56	28.99	07	00	52.0	4.71	234.65	9.9			10	56	29	07	00	42	4.696	234.6	1953.28552	1995.15417	13.5	15.6	——
37	11	03	20.19	35	58	11.6	4.80	186.91	2.4	Ts		11	03	20	35	58	12	4.778	186.8	1953.34583	1992.09399	7.7	9.4	2521-02279-1
38	11	05	28.57	43	31	36.4	4.52	282.05	6.2	TPWd		11	05	28	43	31	36	4.531	281.9	1955.21179	——	8.9	10.7	3012-02528-1
39	11	05	30.31	43	31	16.6	4.53	281.90	3.6	PWd		11	05	30	43	31	18	4.531	281.9	1955.21179	——	14.0	16.0	——
40	11	16	0.26	-57	32	54.4	2.64	291.85	6.0	bm		11	16	1	-57	32	54	2.733	294.9	1987.08142	1992.23499	11.3	12.8	——
41	11	20	04.83	65	50	47.4	2.96	273.61	5.5	Ts		11	20	5	65	50	42	2.950	273.0	1954.11084	1997.10498	9.5	11.1	4152-00272-1
42	11	40	20.06	67	15	32.4	3.17	175.25	25.0	H		11	40	16	67	15	24	3.209	175.2	1954.11084	1996.96863	12.3	—	56936
43	11	45	42.91	-64	50	29.0	2.64	96.83	5.1	b		11	45	43	-64	50	24	2.667	97.2	1987.26160	1996.29785	11.5	11.3	——
44	11	52	59.25	37	43	5.4	7.24	143.26	3.0	s		11	52	59	37	43	6	7.042	145.5	1950.36768	1989.04236	6.4	7.3	——
45	12	24	52.51	-18	14	32.2	2.55	154.56	7.3	T		12	24	53	-18	14	30	2.532	154.7	1979.45312	1994.34790	11.4	12.5	6105-01620-1
46	13	36	32.00	03	40	44.6	3.88	252.78	3.4			13	36	32	03	40	48	3.870	253.6	1950.29956	1993.35950	14.8	15.6	——
47	13	45	43.78	14	53	29.5	2.30	129.30	6.3	Ts		13	45	44	14	53	24	2.298	129.3	1954.24756	1994.35681	8.6	10.2	0899-00789-1
48	14	15	39.71	19	10	56.7	2.28	208.67	4.9	HN12		14	15	40	19	10	54	2.284	208.4	1950.29407	1996.38879	0.2	—	69673A
49	14	29	43.28	-62	40	46.4	3.81	281.70	2.5	P		14	29	43	-62	40	48	3.809	281.7	1976.19324	——	11.4	13.0	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
50	14	39	36.00	-60	51	6.0	3.66	280.90	—	NPW	14	39	36	-60	51	6	3.664	280.9	1976.19324	——	0.2	0.8	——
51	14	39	36.00	-60	51	6.0	3.66	280.90	—	NP	14	39	36	-60	51	6	3.664	280.9	1976.19324	——	1.6	2.9	——
52	15	10	13.40	-16	27	55.7	4.09	188.36	14.9	c	15	10	13	-16	27	42	3.681	195.9	1982.52441	1987.41638	9.8	10.7	——
53	15	10	13.08	-16	22	52.0	3.95	193.99	10.1	bcs	15	10	13	-16	22	42	3.681	195.9	1982.52441	1987.41638	9.3	9.9	——
54	15	42	06.59	-19	28	18.4	2.28	242.91	8.4	H	15	42	6	-19	28	18	2.254	243.2	1976.40857	1991.60828	11.9	—	76901
55	16	14	32.78	19	06	9.7	1.97	280.10	61.9		16	14	37	19	05	54	2.033	280.0	1950.29443	1987.30518	12.2	14.6	——
56	17	49	50.05	82	46	25.2	3.59	336.55	20.9		17	49	39	82	46	24	3.587	337.3	1953.60864	1996.59619	14.7	15.3	——
57	17	57	48.50	04	41	35.8	10.31	355.56	14.3	T	17	57	49	04	41	48	10.310	355.8	1950.52136	1991.45837	9.8	11.7	0425-02502-1
58	18	42	46.90	59	37	47.1	2.21	322.45	127.1	dms	18	42	46	59	39	54	2.273	323.3	1952.40247	1991.66345	8.7	10.4	——
59	18	42	47.17	59	37	35.8	2.28	324.26	120.2	dms	18	42	47	59	39	36	2.273	323.3	1952.40247	1991.66345	9.5	11.3	——
60	19	20	48.20	-45	33	32.3	3.11	165.25	44.9		19	20	44	-45	33	24	2.945	167.3	1978.57947	1993.31775	12.1	13.7	——
61	21	04	53.38	-16	57	31.9	2.23	204.21	11.5	TBb	21	04	53	-16	57	42	2.251	206.3	1983.76819	1984.58472	11.9	13.9	6350-01504-1
62	21	06	53.48	38	45	1.6	5.12	49.57	6.2	dms	21	06	54	38	45	0	5.204	52.2	1951.51892	1991.52161	4.9	6.2	——
63	21	06	55.27	38	44	31.3	5.17	52.77	3.4	Tdms	21	06	55	38	44	30	5.204	52.2	1951.51892	1991.52161	6.1	7.6	3168-02798-1
64	21	07	55.58	59	43	18.1	2.11	208.56	4.4		21	07	55	59	43	18	2.098	208.7	1952.55835	1991.67188	14.3	15.8	——
65	21	09	17.43	-13	18	9.0	2.12	160.25	213.2	TBb	21	09	18	-13	14	36	2.096	160.1	1983.76819	1984.58472	11.1	12.3	5783-01513-1
66	21	17	15.52	-38	52	9.4	3.43	250.31	6.9	s	21	17	15	-38	52	6	3.453	250.5	1977.69446	1991.75891	6.4	7.9	——
67	22	03	22.62	-56	47	8.2	4.86	113.98	5.5	s	22	03	22	-56	47	6	4.695	122.7	1978.79736	1993.69043	4.6	5.9	——
68	22	38	33.80	-15	18	2.9	3.24	50.12	57.0		22	38	34	-15	17	6	3.254	46.6	1982.63733	1991.53967	12.8	14.4	——
69	22	53	53.42	-06	46	56.3	2.65	107.52	21.2	b	22	53	52	-06	46	54	2.570	106.0	1982.79565	1991.67944	15.0	16.8	——
70	23	05	52.42	-35	51	11.4	7.20	77.20	5.1	s	23	05	52	-35	51	12	6.907	78.9	1980.76099	1996.75684	7.3	8.9	——
71	23	13	16.98	57	10	6.1	2.10	81.90	0.2	Ts	23	13	17	57	10	6	2.095	81.7	1952.70837	1990.78955	5.7	6.9	4006-01866-1
72	23	43	13.64	-24	09	51.0	2.53	147.83	5.8		23	43	14	-24	09	54	2.557	150.1	1982.63464	1996.68579	11.7	13.2	——
73	23	43	16.64	-24	11	16.4	2.53	148.40	5.1	c	23	43	17	-24	11	18	2.557	150.1	1982.63464	1996.68579	12.0	13.5	——
101	00	02	10.19	27	04	55.5	1.29	140.01	3.0	Tcs	00	02	10	27	04	54	1.295	139.8	1950.61218	1991.77600	5.8	6.6	1732-02731-1
102	00	04	36.43	-40	44	3.1	1.66	154.42	117.3		00	04	41	-40	42	18	1.618	154.5	1977.70569	1996.71313	13.0	14.5	——
103	00	07	26.84	29	14	31.1	1.94	127.41	11.1		00	07	26	29	14	30	1.890	127.2	1954.83057	1989.82507	13.3	15.2	——
104	00	09	16.60	09	00	40.3	1.21	185.09	6.2		00	09	17	09	00	42	1.108	187.8	1955.86072	1991.69678	12.9	14.4	——
105	00	09	17.31	-19	42	31.4	1.15	59.50	59.4	P	00	09	18	-19	43	30	1.148	59.5	1977.84229	——	14.2	15.8	——
106	00	14	7.62	-20	22	56.5	1.28	262.80	175.4	P	00	14	20	-20	23	18	1.277	262.8	1977.76318	——	17.9	21.0	——
107	00	16	14.61	19	51	37.6	1.04	136.24	7.0	Hdm	00	16	15	19	51	42	1.037	137.5	1954.67493	1990.63391	11.9	—	1295
108	00	16	16.25	19	51	49.1	1.08	136.25	6.0	d	00	16	16	19	51	54	1.037	137.5	1954.67493	1990.63391	12.1	14.1	——
109	00	17	40.00	-10	46	18.0	1.05	180.80	—	NP	00	17	40	-10	46	18	1.055	180.8	1983.76855	——	13.3	14.7	——
110	00	19	36.69	-28	09	40.3	1.40	190.64	26.0	dm	00	19	37	-28	10	6	1.373	191.3	1976.88098	1991.67395	13.8	15.3	——
111	00	19	37.16	-28	09	48.0	1.50	186.02	24.1	dm	00	19	37	-28	10	12	1.373	191.3	1976.88098	1991.67395	13.3	14.8	——
112	00	20	29.50	33	05	5.5	1.37	128.85	18.9		00	20	28	33	05	6	1.362	129.2	1954.75696	1989.67212	15.2	17.2	——
113	00	31	35.32	-05	52	13.7	1.10	163.10	6.4	P	00	31	35	-05	52	18	1.098	163.1	1983.53088	——	12.2	13.8	——
114	00	32	29.46	67	14	8.1	1.76	98.07	21.7	Td	00	32	26	67	14	0	1.748	97.8	1952.63232	1991.71057	10.6	12.2	4027-00803-1
115	00	32	30.17	67	14	5.9	1.83	99.69	24.9	dim	00	32	26	67	14	0	1.748	97.8	1952.63232	1991.71057	12.0	13.9	——
116	00	35	3.06	-63	41	44.8	1.10	121.60	15.8	Ps	00	35	5	-63	41	54	1.104	121.6	1977.78235	——	9.2	10.1	——
117	00	35	55.60	10	28	33.8	1.19	111.48	9.6		00	35	55	10	28	30	1.186	110.5	1953.70789	1990.78430	14.3	16.1	——
118	00	37	20.70	-24	46	2.2	1.39	90.54	10.2	Tbcs	00	37	20	-24	46	6	1.369	90.4	1980.63025	1989.73975	5.7	6.6	6421-01924-1
119	00	38	59.04	30	36	58.4	1.56	88.83	4.5	T	00	38	59	30	36	54	1.561	88.3	1954.75696	1990.81433	11.4	12.7	2275-00678-1
120	00	43	35.74	28	26	39.5	1.13	183.20	4.2		00	43	36	28	26	42	1.062	187.0	1954.75696	1990.81433	13.7	15.5	——
121	00	48	22.98	05	16	50.3	1.36	146.30	2.3	Ts	00	48	23	05	16	48	1.367	146.7	1953.83081	1994.60938	5.8	6.9	0017-01398-1
122	00	49	6.51	57	48	54.9	1.36	115.10	6.5	cdims	00	49	6	57	49	0	1.219	115.6	1952.70850	1991.68323	7.3	8.7	——
123	00	49	6.25	57	48	56.3	1.27	114.96	6.4	cdms	00	49	7	57	48	54	1.219	115.6	1952.70850	1991.68323	3.4	3.9	——
124	00	49	28.87	-61	02	33.6	1.04	96.61	73.8		00	49	34	-61	01	30	1.119	94.0	1975.69214	1990.78076	12.1	13.6	——
125	00	50	17.27	-39	30	11.0	1.16	162.97	5.9		00	50	17	-39	30	6	1.025	165.6	1976.89185	1990.72876	13.7	—	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
126	00	51	29.84	58	18	7.3	1.62	75.65	6.7	T	00	51	29	58	18	6	1.549	75.9	1952.70850	1991.68323	10.8	12.4	3667-01078-1
127	00	55	43.84	-21	13	5.5	1.23	98.30	35.4	P	00	55	46	-21	13	24	1.227	98.3	1977.63745	——	15.2	16.6	——
128	00	57	19.76	-62	14	47.0	1.03	91.59	25.1	s	00	57	23	-62	14	36	1.076	81.3	1977.78235	1990.78076	10.4	11.7	——
129	00	58	27.83	-27	51	25.3	1.33	103.01	2.6	H	00	58	28	-27	51	24	1.305	102.7	1978.81494	1988.75415	11.8	—	4569
130	01	00	56.41	-04	26	57.0	1.40	70.60	9.3		01	00	57	-04	27	0	1.326	70.5	1982.88354	1995.79724	12.8	14.1	——
131	01	02	32.24	71	40	47.3	1.79	102.33	12.5	T	01	02	30	71	40	54	1.783	101.2	1954.72705	1995.58740	10.2	11.9	4304-00700-1
132	01	02	51.19	-37	37	45.4	1.58	82.18	3.4		01	02	51	-37	37	48	1.519	80.3	1976.89185	1990.72876	18.1	—	——
133	01	03	38.84	-45	47	31.5	1.75	189.53	9.9	TP	01	03	38	-45	47	36	1.713	187.6	1979.70581	——	12.0	13.3	8032-01230-1
134	01	04	53.64	-18	07	29.4	1.34	71.50	7.4	P	01	04	54	-18	07	24	1.342	71.5	1977.63745	——	13.3	15.0	——
135	01	05	37.76	28	29	32.7	1.97	96.43	4.5		01	05	38	28	29	36	1.906	95.0	1952.71118	1989.82251	14.0	16.0	——
136	01	07	08.20	63	56	28.8	1.58	78.38	14.6	Tcs	01	07	6	63	56	30	1.556	76.5	1954.74890	1991.71057	9.2	10.7	4025-00626-1
137	01	07	47.95	34	12	29.8	1.46	72.27	0.7		01	07	48	34	12	30	1.464	69.9	1951.83899	1991.75708	12.9	14.6	——
138	01	12	30.61	-16	59	56.3	1.37	61.87	9.5	Hb	01	12	30	-17	00	0	1.345	62.3	1983.69763	1991.67676	12.0	—	5643
139	01	16	29.31	24	19	25.9	1.85	112.36	9.6		01	16	30	24	19	24	1.841	112.2	1954.74072	1990.81165	14.2	15.7	——
140	01	19	52.27	84	09	33.2	1.12	296.68	3.4		01	19	51	84	09	36	1.081	295.1	1952.64050	1996.77417	14.7	16.2	——
141	01	21	34.59	-41	39	23.1	1.32	110.23	4.7	TPWi	01	21	35	-41	39	24	1.345	109.4	1977.63208	——	10.3	11.8	7544-00512-1
142	01	32	26.20	-21	54	18.5	1.07	213.61	99.7	TP	01	32	30	-21	52	54	1.062	210.7	1980.78296	——	11.2	13.3	5854-02050-1
144	01	38	49.15	11	21	35.1	1.69	145.28	12.5		01	38	50	11	21	36	1.623	144.9	1949.88818	1988.63232	15.4	17.0	——
145	01	43	1.18	-67	18	34.7	1.24	193.54	39.3		01	42	58	-67	18	0	1.048	197.8	1976.66858	1993.84656	13.6	14.7	——
146	01	43	4.00	-15	56	6.0	1.92	296.80	—	NP	01	43	4	-15	56	6	1.922	296.8	1982.73047	——	3.4	4.5	——
147	01	48	7.65	-17	11	20.3	1.19	187.60	60.9	P	01	48	9	-17	12	18	1.186	187.6	1982.73047	——	17.7	18.1	——
148	01	53	8.99	-33	25	2.3	1.11	81.36	12.9		01	53	10	-33	25	0	1.119	84.4	1978.88623	1996.61743	15.7	—	——
149	02	05	04.84	-17	36	52.6	1.32	97.43	5.2	T	02	05	5	-17	36	48	1.299	96.8	1977.93274	1991.90955	10.4	12.1	5856-02250-1
150	02	07	23.42	-66	34	16.1	1.79	85.35	32.4		02	07	18	-66	34	18	1.798	77.7	1978.81787	1989.72876	12.0	13.5	——
151	02	11	21.01	39	55	20.7	1.19	116.08	12.1		02	11	20	39	55	24	1.144	115.7	1953.99768	1987.80078	14.5	14.5	——
152	02	13	50.09	15	59	9.8	1.08	108.34	8.3		02	13	50	15	59	18	1.020	104.1	1954.68066	1990.78455	12.9	14.0	——
153	02	16	57.46	42	58	3.2	1.01	125.20	6.8	2	02	16	58	42	58	0	1.009	125.2	1953.99768	1989.67505	16.3	16.3	——
154	02	17	03.23	34	13	27.2	1.18	101.99	10.1	Ts	02	17	4	34	13	24	1.180	101.9	1951.83911	1986.90747	4.9	5.6	2318-01874-1
154a	02	19	10.06	-36	46	41.3	1.50	68.50	14.4	P	02	19	9	-36	46	48	1.497	68.5	1979.64307	——	11.3	13.2	——
155	02	31	27.74	57	22	41.9	1.13	89.39	15.3		02	31	26	57	22	48	1.042	88.5	1957.96753	1989.95923	13.4	15.0	——
156	02	34	12.58	17	45	48.8	1.23	144.82	8.3		02	34	12	17	45	48	1.193	145.0	1951.91553	1990.85828	13.4	15.0	——
157	02	39	50.73	-34	08	0.5	1.82	162.02	6.4		02	39	51	-34	08	6	1.721	161.7	1979.87549	1993.80273	12.0	13.5	——
158	02	42	2.92	-44	31	0.8	1.07	92.04	1.1		02	42	3	-44	31	0	1.095	89.1	1975.90552	1990.72327	12.0	13.5	——
159	02	52	07.14	34	23	21.6	1.41	134.83	2.9	Ts	02	52	7	34	23	24	1.342	136.1	1954.97314	1988.71411	9.7	11.2	2334-00540-1
160	02	52	22.01	-63	40	49.0	1.15	58.40	59.3	P	02	52	18	-63	41	42	1.149	58.4	1977.77979	——	11.0	12.4	——
161	02	52	45.65	01	55	49.4	1.55	110.70	21.6		02	52	47	01	55	42	1.455	110.0	1955.80908	1989.97021	14.1	15.8	——
162	02	56	13.40	-35	08	29.1	1.14	136.58	7.1		02	56	13	-35	08	24	1.011	138.8	1979.87549	1993.80273	15.1	—	——
163	02	57	31.14	10	47	23.8	1.84	103.95	6.5		02	57	31	10	47	30	1.821	102.9	1949.88843	1990.81189	12.0	13.6	——
164	03	01	40.83	-34	57	58.6	1.40	153.98	5.0		03	01	41	-34	57	54	1.320	158.9	1979.87549	1993.80273	13.2	—	——
165	03	06	28.63	-07	40	40.6	1.51	125.20	9.5	P	03	06	28	-07	40	42	1.511	125.2	1983.97925	——	13.7	14.8	——
166	03	09	04.02	49	36	47.8	1.27	94.14	11.2	Ts	03	09	5	49	36	42	1.269	94.0	1953.76831	1989.76257	4.1	4.8	3318-01840-1
167	03	12	29.53	-38	05	49.7	1.43	59.70	40.7	PWi	03	12	30	-38	06	30	1.434	59.7	1977.63770	——	10.4	12.0	——
168	03	13	22.98	04	46	27.7	1.76	88.71	17.6		03	13	22	04	46	18	1.706	86.4	1955.87476	1990.74084	12.9	14.8	——
169	03	13	24.39	18	49	36.0	1.74	129.34	5.5		03	13	24	18	49	36	1.654	131.1	1955.81470	1986.74622	12.8	14.8	——
170	03	16	26.91	38	05	56.4	1.29	144.01	11.0		03	16	26	38	05	54	1.286	146.0	1955.11816	1989.74622	10.2	11.6	——
171	03	17	46.62	-62	34	38.8	1.34	77.24	15.4	dm	03	17	46	-62	34	24	1.482	64.1	1977.77979	1989.89038	5.4	6.0	——
172	03	18	14.06	-62	30	22.8	1.85	68.99	7.4	dm	03	18	13	-62	30	24	1.482	64.1	1977.77979	1989.89038	5.0	5.6	——
173	03	28	52.97	37	22	56.8	1.55	133.57	12.7	H	03	28	54	37	23	0	1.550	133.3	1955.11816	1988.71704	11.2	—	16209
174	03	30	44.93	34	01	5.4	1.65	161.16	14.8		03	30	46	34	01	12	1.560	161.6	1955.11816	1988.71704	12.2	13.6	——

Table 2—Continued

LHS No.	New data RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	Luyten's original data RA (J2000.0)			Dec (J2000.0)			μ	θ	Epoch POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
175	03	31	17.40	66	43	49.0	1.60	131.79	27.0	T	03	31	13	66	43	42	1.591	132.8	1954.08252	1991.76831	9.9	10.7	4074-01384-1
176	03	35	38.53	-08	29	22.1	1.58	102.40	52.5	P	03	35	35	-08	29	18	1.582	102.4	1982.79346	——	14.9	16.8	——
177	03	35	52.16	41	42	17.4	1.06	83.33	6.9		03	35	52	41	42	24	1.012	83.5	1953.02490	1989.74353	12.2	13.9	——
178	03	42	29.55	12	31	33.3	1.62	151.33	8.5		03	42	29	12	31	36	1.572	151.5	1954.00598	1988.94312	12.2	14.2	——
179	03	44	34.98	18	26	8.3	1.24	158.40	14.1		03	44	34	18	26	6	1.204	159.4	1951.91577	1991.78198	15.0	15.2	——
180	03	47	02.11	41	25	38.1	1.38	154.47	20.1	Tcdms	03	47	2	41	25	18	1.370	154.6	1953.02490	1989.75720	8.2	9.1	2871-00392-2
181	03	47	2.88	41	25	39.1	1.46	152.95	18.0	cdms	03	47	2	41	25	24	1.370	154.6	1953.02490	1989.75720	9.1	10.4	——
182	03	50	13.98	43	25	39.3	1.46	164.53	13.8		03	50	13	43	25	48	1.439	161.0	1953.02490	1989.75171	13.6	15.3	——
183	03	50	44.45	-06	05	45.3	1.60	190.10	11.5	b	03	50	44	-06	05	36	1.428	196.8	1982.70874	1987.87122	12.0	13.6	——
184	03	53	19.76	-37	03	59.1	1.16	200.65	9.1	H	03	53	19	-37	04	0	1.144	199.4	1980.93860	1991.90955	12.2	—	1818——
185	04	01	36.68	18	43	38.8	1.19	162.23	10.2		04	01	36	18	43	42	1.174	166.8	1950.93762	1991.78198	15.6	16.9	——
186	04	03	38.38	-05	08	5.5	1.17	167.90	10.8	P	04	03	39	-05	08	0	1.166	167.9	1982.80725	——	14.3	15.8	——
187	04	06	11.78	32	57	1.5	1.13	140.41	14.4	c	04	06	11	32	57	12	1.093	140.8	1955.86121	1993.70789	9.9	11.2	——
188	04	09	15.91	-53	22	25.7	1.23	63.48	95.4		04	09	7	-53	23	18	1.211	60.4	1978.77441	1994.98901	10.8	12.3	——
189	04	25	38.52	-06	52	39.4	1.43	143.21	81.0	bdm	04	25	38	-06	54	0	1.223	148.0	1982.71704	1989.89038	14.0	15.6	——
190	04	25	38.51	-06	52	39.4	1.43	143.70	80.9	bdm	04	25	38	-06	54	0	1.223	148.0	1982.71704	1989.89038	14.5	16.2	——
191	04	26	20.00	03	36	35.1	1.05	185.87	15.8		04	26	21	03	36	30	1.033	186.4	1953.86121	1986.76831	17.5	19.8	——
192	04	30	52.70	28	11	57.3	1.09	142.37	4.8		04	30	53	28	12	0	1.038	143.3	1955.80933	1989.89661	16.6	18.2	——
193	04	32	29.24	-38	59	47.8	0.10	164.63	21.3	b	04	32	31	-38	59	42	1.023	44.5	1983.03406	1992.07373	11.5	13.0	——
194	04	37	47.49	-08	49	12.1	1.66	167.19	22.4	b	04	37	49	-08	49	12	1.520	171.2	1982.78271	1990.89319	13.1	13.6	——
195	04	38	23.17	-65	24	58.6	1.54	39.79	21.1		04	38	20	-65	25	6	1.486	29.2	1979.86743	1989.98083	9.7	10.3	——
196	04	42	55.77	18	57	29.3	1.30	149.59	17.5	T	04	42	57	18	57	30	1.286	146.7	1955.94324	1991.77930	10.2	11.8	1275-02034-1
197	04	46	18.65	48	44	50.1	1.25	122.71	11.8		04	46	18	48	45	0	1.204	122.5	1953.77112	1988.84790	16.5	18.3	——
198	04	52	34.79	40	42	22.9	1.68	132.70	15.5		04	52	36	40	42	30	1.633	133.2	1953.02502	1989.74634	14.6	15.7	——
199	04	55	57.98	-61	09	45.2	1.10	123.00	53.2	P	04	56	3	-61	10	24	1.102	123.0	1980.78613	——	12.0	13.5	——
200	05	00	49.00	-05	45	13.2	1.24	153.63	4.8	TBbcs	05	00	49	-05	45	18	1.223	153.1	1984.88147	1985.05200	6.3	7.6	4762-01490-1
201	05	03	23.89	53	07	42.5	2.02	139.70	1.1	T	05	03	24	53	07	42	1.989	139.4	1954.97339	1989.89941	10.1	11.7	3734-00270-1
202	05	07	57.74	-53	01	43.9	1.17	27.50	130.2	P	05	08	12	-53	01	24	1.174	27.5	1986.97107	——	11.8	13.4	——
203	05	08	35.05	-18	10	19.3	1.49	160.15	1.5	TP	05	08	35	-18	10	18	1.376	156.6	1980.93872	——	10.5	12.0	5905-01336-1
204	05	13	05.28	-59	38	44.3	1.07	61.39	28.3	TP	05	13	9	-59	38	42	1.030	60.3	1980.78613	——	9.5	10.0	8517-02144-1
205	05	17	0.08	-78	17	19.6	1.11	176.10	21.2	P	05	16	54	-78	17	30	1.108	176.1	1978.02612	——	12.1	13.6	——
205a	05	19	56.78	20	10	50.4	1.08	153.03	11.2	c	05	19	56	20	10	48	1.024	153.2	1953.02246	1989.75195	18.1	21.0	——
206	05	28	14.70	02	58	13.5	1.16	195.68	10.6		05	28	14	02	58	12	1.186	198.1	1953.91333	1990.81763	12.3	14.2	——
207	05	38	12.58	79	31	18.8	1.21	136.06	122.7		05	37	32	79	32	12	1.192	141.2	1955.03894	1997.18115	18.5	20.3	——
208	05	37	9.55	-80	28	9.0	1.10	16.90	66.3	P	05	37	36	-80	28	0	1.100	16.9	1978.02612	——	5.5	6.4	——
209	05	44	3.54	40	56	48.8	1.21	147.90	16.6		05	44	5	40	56	48	1.229	147.2	1953.02515	1989.76550	14.9	16.4	——
210	05	44	32.14	-70	08	42.2	1.01	349.12	34.3	c	05	44	37	-70	09	6	1.321	346.6	1975.93591	1987.90686	8.5	9.1	——
211	05	48	0.26	08	22	12.5	1.27	136.37	65.6		05	47	56	08	22	30	1.218	135.4	1955.89697	1991.85864	13.5	16.0	——
212	05	56	25.52	05	21	47.4	1.04	204.79	7.2		05	56	26	05	21	48	1.056	207.0	1950.94324	1989.84753	14.2	14.8	——
213	06	00	46.72	68	08	28.8	1.18	159.19	26.1	d	06	00	49	68	08	6	1.174	161.4	1953.12378	1996.79358	13.1	14.6	——
214	06	00	49.68	68	09	22.1	1.19	159.15	25.6	d	06	00	52	68	09	0	1.174	161.4	1953.12378	1996.79358	12.9	14.2	——
215	06	10	19.59	82	06	23.9	1.35	177.83	7.4		06	10	16	82	06	24	1.337	180.7	1955.07739	1997.18115	11.2	12.8	——
216	06	14	1.55	15	09	54.1	1.45	149.38	8.0		06	14	1	15	09	54	1.399	152.8	1955.89612	1997.10168	14.8	16.4	——
217	06	21	10.41	65	59	34.1	0.63	349.12	98.2		06	21	15	65	58	0	1.148	156.8	1953.12378	1989.97339	15.0	16.3	——
218	06	37	58.12	34	30	19.6	1.26	170.11	2.1		06	37	58	34	30	18	1.264	176.7	1954.84241	1996.77722	13.8	15.8	——
219	06	45	08.93	-16	42	58.0	1.34	204.06	2.2	HNP	06	45	9	-16	43	0	1.323	204.0	1979.88135	——	-1.1	—	32349
220	06	49	5.58	37	06	49.0	1.65	171.59	7.1		06	49	6	37	06	54	1.618	172.3	1954.84241	1989.83679	13.2	15.1	——
221	06	54	4.30	60	52	18.2	1.15	152.30	6.6	P	06	54	4	60	52	12	1.147	152.3	1954.83972	——	11.5	13.0	——
222	06	57	46.81	-44	17	28.4	1.00	265.27	86.1		06	57	39	-44	17	48	1.134	265.0	1980.11877	1994.92871	11.4	13.2	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
223	06	59	28.93	19	20	53.3	1.33	135.40	13.2		06	59	28	19	20	54	1.225	137.3	1951.85327	1989.84229	14.1	15.9	——
224	07	03	55.88	52	42	5.8	1.17	141.89	31.8	c	07	03	57	52	42	36	1.166	141.7	1954.07458	1989.92700	12.9	14.7	——
225	07	04	45.94	-38	36	9.2	1.30	102.81	65.7		07	04	50	-38	35	24	1.206	100.9	1980.20605	1995.06580	12.4	13.5	——
226	07	10	01.84	38	31	46.1	1.04	205.28	14.1	T	07	10	2	38	32	0	1.052	207.9	1953.86157	1989.85596	11.8	13.1	2944-01956-1
227	07	13	40.55	-13	27	58.1	1.28	157.64	7.7	b	07	13	41	-13	27	54	1.277	153.3	1981.17651	1986.19177	14.2	15.5	——
228	07	16	27.40	23	42	15.8	1.28	338.70	34.3		07	16	27	23	41	42	1.123	122.0	1956.26819	1997.02539	15.1	16.8	——
229	07	30	42.57	48	11	58.8	1.29	189.80	5.8	Pd	07	30	42	48	12	0	1.295	189.8	1953.12122	——	12.9	15.1	——
230	07	30	47.23	48	10	26.6	1.29	189.80	4.1	Pd	07	30	47	48	10	30	1.295	189.8	1953.12122	——	14.6	15.5	——
231	07	33	52.82	22	23	30.1	1.14	125.93	12.8		07	33	52	22	23	36	1.104	122.8	1954.97363	1991.18127	15.4	17.6	——
232	07	35	46.31	03	29	37.3	1.02	170.20	4.8	P	07	35	46	03	29	36	1.022	170.2	1955.95715	——	13.6	14.7	——
233	07	39	19.72	05	13	18.0	1.25	214.70	26.4	PWs	07	39	18	05	13	24	1.251	214.7	1955.95715	——	0.4	0.7	——
234	07	40	20.79	-17	24	39.3	0.96	120.73	14.3	Bbd	07	40	20	-17	24	48	1.252	116.6	1983.01807	1984.97266	15.9	17.6	——
235	07	40	20.85	-17	24	50.9	2.01	128.31	3.8	Bbd	07	40	21	-17	24	54	1.252	116.6	1983.01807	1984.97266	13.1	13.0	——
236	07	43	24.79	72	48	48.8	1.24	165.47	6.3		07	43	24	72	48	54	1.246	170.2	1953.13220	1991.93274	13.0	14.5	——
237	07	45	34.99	-34	10	20.8	1.71	350.77	3.2	Tcs	07	45	35	-34	10	24	1.688	350.3	1977.06445	1991.87402	5.4	6.0	7114-02950-1
237a	07	45	38.00	-33	47	48.0	1.69	350.30	—	N	07	45	38	-33	47	48	1.688	350.3	1977.06445	1991.87402	16.0	18.0	——
238	07	48	16.39	20	22	5.4	1.76	124.13	5.5	TP	07	48	16	20	22	6	1.728	124.2	1955.94629	——	11.8	13.4	1370-02407-1
239	07	50	14.83	07	11	47.3	1.84	170.76	12.4	d	07	50	14	07	11	48	1.778	173.2	1955.95715	1990.90808	17.0	18.1	——
240	07	50	15.59	07	11	35.4	1.85	170.77	8.8	d	07	50	15	07	11	36	1.778	173.2	1955.95715	1990.90808	16.9	17.8	——
241	07	53	33.00	30	55	6.0	1.97	158.80	—	N	07	53	33	30	55	6	1.973	158.8	1955.19495	1989.08276	8.1	8.8	——
242	08	00	32.13	29	12	44.5	1.18	188.38	8.6	Tcs	08	00	32	29	12	36	1.177	187.4	1955.19495	1989.83691	7.1	7.9	1938-00445-1
243	08	03	6.27	34	56	52.9	1.61	196.72	3.5		08	03	6	34	56	54	1.571	198.3	1954.15405	1988.94910	15.4	17.6	——
244	08	13	27.80	-09	27	57.1	1.67	131.27	4.2	Bb	08	13	28	-09	28	0	1.480	141.5	1983.10559	1986.18359	13.6	15.4	——
245	08	18	23.95	-12	37	55.8	1.03	164.18	4.2	TBcs	08	18	24	-12	38	0	1.017	164.8	1983.10559	1986.18359	6.0	6.9	5435-02991-1
246	08	25	52.97	69	01	59.8	1.44	206.81	20.1		08	25	50	69	02	12	1.377	205.4	1953.13220	1995.09387	15.5	17.0	——
247	08	28	22.14	35	00	59.2	1.05	252.03	5.4	T	08	28	22	35	00	54	1.102	251.5	1953.02551	1989.85889	11.1	12.7	2489-00672-1
248	08	29	49.47	26	46	32.2	1.27	238.45	22.0		08	29	48	26	46	42	1.290	242.2	1955.21692	1989.91626	14.4	16.0	——
249	08	32	51.50	-31	30	3.0	1.35	304.42	7.0	Ts	08	32	52	-31	30	6	1.350	304.3	1977.21204	1991.26025	6.5	7.4	7135-02774-1
250	08	35	49.28	68	04	9.0	0.97	236.23	83.0		08	36	4	68	04	0	1.010	233.1	1954.89722	1995.09387	12.4	13.7	——
251	08	36	25.46	67	17	42.3	1.06	272.62	3.1	Ts	08	36	26	67	17	42	1.030	273.5	1954.89722	1995.09387	9.5	11.1	4133-00241-1
252	08	41	20.25	59	29	49.6	1.32	190.11	2.5		08	41	20	59	29	48	1.310	191.2	1954.90540	1996.20813	14.1	16.3	——
253	08	41	32.56	-32	56	34.9	1.60	322.05	22.5		08	41	31	-32	56	24	1.709	322.0	1979.97168	1994.24390	12.2	11.9	——
254	08	54	12.50	-08	05	1.7	1.35	129.00	7.6	b	08	54	12	-08	05	0	1.240	130.8	1982.07849	1991.13696	16.4	17.9	——
255	08	55	7.93	01	32	43.8	1.27	166.31	2.1	bs	08	55	8	01	32	42	1.066	176.7	1982.06189	1990.96277	9.6	11.1	——
256	08	55	24.82	70	47	39.2	1.41	254.55	16.7	Tdms	08	55	22	70	47	30	1.394	255.2	1955.06958	1995.09387	8.8	10.4	4378-02162-1
257	08	55	24.90	70	47	38.5	1.37	255.20	12.7	Tdms	08	55	23	70	47	30	1.394	255.2	1955.06958	1995.09387	9.1	10.8	4378-02162-2
258	08	59	5.42	-31	13	27.1	1.16	139.33	11.8		08	59	6	-31	13	18	1.005	136.6	1979.23950	1993.20825	14.0	15.3	——
259	09	00	52.21	48	25	23.6	1.08	191.69	13.3		09	00	51	48	25	18	1.130	193.3	1954.17871	1991.11853	12.9	14.2	——
260	09	14	22.77	52	41	11.8	1.66	249.88	9.1	Tcdms	09	14	22	52	41	6	1.690	248.1	1954.14868	1991.25525	7.8	9.4	3806-01814-1
261	09	14	24.69	52	41	10.9	1.69	247.06	5.7	Tdms	09	14	25	52	41	6	1.690	248.1	1954.14868	1991.25525	7.9	9.5	3806-01819-1
262	09	15	56.20	53	25	22.8	1.56	222.89	7.5		09	15	56	53	25	30	1.550	223.5	1954.14868	1991.25525	13.7	13.8	——
263	09	17	6.07	-77	49	25.1	1.11	141.26	63.5		09	16	55	-77	50	18	1.023	139.3	1978.10571	1996.13391	13.4	14.9	——
264	09	17	30.50	77	14	40.7	1.07	270.27	8.9	T	09	17	32	77	14	48	1.050	269.7	1953.18433	1997.11023	10.4	12.1	4541-00108-1
265	09	17	46.01	58	25	21.7	1.17	177.82	27.4		09	17	45	58	25	48	1.134	180.6	1954.90540	1997.10486	14.2	15.8	——
266	09	20	22.04	26	43	40.7	1.13	123.23	14.0		09	20	21	26	43	42	1.007	120.8	1955.22522	1987.24695	14.7	17.6	——
267	09	20	57.99	03	22	6.4	1.18	161.73	0.5	B	09	20	58	03	22	6	1.178	163.2	1949.91357	1991.09949	12.3	13.8	——
268	09	24	22.33	-80	31	24.6	1.15	16.69	10.6	s	09	24	19	-80	31	18	1.253	8.5	1978.10571	1996.13391	10.6	11.0	——
269	09	29	18.79	25	58	34.5	1.09	254.80	121.9	P	09	29	10	25	58	6	1.086	254.8	1949.89990	——	15.8	17.3	——
270	09	32	51.36	51	40	36.2	1.14	240.06	3.4	cs	09	32	51	51	40	36	1.093	240.1	1953.13232	1995.24426	3.2	3.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
271	09	42	46.28	-68	53	9.0	1.02	353.77	36.4			09	42	53	-68	53	12	1.120	356.8	1976.25256	1991.13147	13.5	15.2	——
272	09	43	46.18	-17	47	6.6	1.47	278.65	2.6			09	43	46	-17	47	6	1.426	280.0	1977.07019	1996.13110	12.5	14.8	——
273	09	44	47.40	-18	12	48.7	1.61	265.61	8.6			09	44	48	-18	12	48	1.633	264.0	1977.07019	1996.13110	12.4	14.4	——
274	09	51	9.98	-12	19	56.9	2.56	143.39	16.9	bc		09	51	9	-12	19	48	1.807	143.5	1983.35437	1987.31238	9.9	11.4	——
276	10	00	44.28	32	18	34.3	1.22	236.85	3.9			10	00	44	32	18	36	1.197	236.0	1955.19788	1988.94934	10.7	12.5	——
277	10	01	10.73	-30	23	24.5	1.27	300.28	120.0	T		10	01	20	-30	23	24	1.297	297.9	1980.20068	1995.15063	11.9	12.9	7169-02072-1
278	10	02	21.86	48	05	17.4	1.65	201.70	60.6			10	02	22	48	06	18	1.571	203.8	1953.12146	1989.93005	10.2	11.8	——
279	10	09	17.09	35	14	53.5	1.28	210.74	1.2			10	09	17	35	14	54	1.277	212.4	1955.19788	1988.94934	15.2	16.8	——
280	10	11	22.14	49	27	15.2	1.45	249.60	11.6	Tcs		10	11	21	49	27	12	1.455	249.5	1955.21167	1989.93005	6.8	8.3	3437-00811-1
281	10	14	51.90	-47	09	26.5	0.99	289.31	17.1			10	14	51	-47	09	12	1.137	292.2	1978.17139	1992.24585	13.6	14.7	——
282	10	25	23.93	00	43	2.0	1.27	175.01	4.2	b		10	25	24	00	43	6	1.101	184.6	1983.17957	1991.27173	18.0	17.5	——
283	10	35	26.75	69	27	1.7	1.75	250.50	7.8	P		10	35	27	69	26	54	1.752	250.5	1953.17883	——	12.0	13.3	——
284	10	36	3.91	-14	42	18.4	0.74	135.43	17.6	Bb		10	36	3	-14	42	30	1.120	297.9	1984.08105	1986.25208	16.4	17.7	——
285	10	37	1.92	71	10	55.7	2.00	254.20	63.4	P		10	36	49	71	11	6	1.997	254.2	1953.17883	——	16.4	17.3	——
286	10	37	28.96	30	11	9.1	1.00	231.86	29.5			10	37	27	30	10	54	1.011	233.1	1955.28259	1990.00110	17.8	19.4	——
287	10	41	37.81	37	36	39.7	1.52	258.00	21.8			10	41	36	37	36	36	1.505	256.1	1953.34583	1990.21960	11.8	13.8	——
288	10	44	32.00	-61	11	42.0	1.66	348.10	—	2N		10	44	32	-61	11	42	1.657	348.1	1987.05127	——	13.8	15.3	——
289	10	45	39.09	-19	06	51.8	1.97	251.99	103.0	Tdm		10	45	33	-19	07	48	1.980	250.5	1980.20093	1995.09045	11.2	13.0	6078-01934-1
290	10	45	39.05	-19	06	52.9	1.94	251.14	101.9	dm		10	45	33	-19	07	48	1.980	250.5	1980.20093	1995.09045	16.2	16.5	——
291	10	45	59.69	59	04	50.5	1.78	213.29	52.1			10	45	58	59	04	0	1.770	214.3	1954.01221	1991.28540	17.2	17.6	——
292	10	48	12.75	-11	20	11.4	2.91	145.34	3.7	Bb		10	48	13	-11	20	12	1.644	158.5	1984.18188	1986.02466	14.8	16.7	——
293	10	49	45.36	35	32	50.0	1.23	213.20	16.7	P		10	49	44	35	32	48	1.231	213.2	1953.34583	——	11.8	13.9	——
294	10	50	52.12	06	48	27.6	1.19	224.15	3.0			10	50	52	06	48	30	1.150	225.1	1953.28552	1991.06409	10.8	12.5	——
295	10	52	4.35	13	59	49.7	1.10	278.77	9.2			10	52	4	13	59	42	1.126	279.6	1954.11072	1993.22253	11.7	13.5	——
296	11	01	19.75	03	00	15.9	1.20	111.72	11.4			11	01	19	03	00	18	1.103	112.3	1953.28552	1995.15417	13.1	14.7	——
297	11	10	8.30	28	56	51.6	1.03	242.80	9.9	P		11	10	9	28	56	48	1.035	242.8	1955.21997	——	12.3	14.0	——
298	11	11	10.70	-10	57	3.2	1.11	302.28	18.4	Tbcs		11	11	10	-10	56	48	1.067	302.4	1983.28625	1992.03821	9.4	10.7	5504-00085-1
299	11	11	22.70	-06	31	58.3	2.16	159.81	11.3	Bb		11	11	22	-06	31	54	1.107	202.5	1984.17651	1985.05481	13.6	15.5	——
300	11	11	13.66	-41	05	35.2	1.26	259.44	108.3			11	11	22	-41	04	42	1.277	264.5	1975.19055	1990.09595	12.8	13.9	——
301	11	21	38.50	06	08	26.0	1.77	205.63	7.7			11	21	39	06	08	24	1.749	206.0	1955.28821	1996.27368	13.0	14.3	——
302	11	23	8.10	25	53	35.2	1.03	249.52	1.6			11	23	8	25	53	36	1.059	252.0	1955.21997	1992.32288	14.0	16.2	——
303	11	23	44.58	08	33	48.6	1.02	281.01	9.1	T		11	23	45	08	33	42	1.036	278.4	1950.27734	1989.26355	11.2	12.3	0855-00836-1
304	11	24	13.06	21	21	34.8	1.01	268.24	1.4			11	24	13	21	21	36	1.050	270.2	1955.21997	1995.23071	13.9	14.3	——
305	11	28	27.75	07	31	2.2	1.25	192.73	11.8	T		11	28	27	07	31	6	1.189	192.6	1955.28821	1989.26355	10.3	11.6	0856-01259-1
306	11	31	8.36	-14	57	22.9	1.57	163.67	20.3	b		11	31	7	-14	57	18	1.393	164.0	1983.35730	1991.27942	13.6	15.3	——
307	11	32	45.13	43	59	41.5	1.15	167.00	1.5	P		11	32	45	43	59	42	1.146	167.0	1953.28296	——	13.9	15.6	——
308	11	34	29.49	-32	49	52.8	1.06	320.93	6.5	Tcds		11	34	30	-32	49	54	1.063	320.3	1975.19336	1991.12061	6.0	7.0	7220-00866-1
309	11	34	29.74	-32	49	56.6	0.94	321.03	18.4	cdms		11	34	31	-32	50	6	1.063	320.3	1975.19336	1991.12061	15.0	17.0	——
310	11	42	11.10	26	42	23.8	1.22	132.23	83.1			11	42	9	26	43	42	1.080	135.5	1955.27466	1996.37207	10.8	12.6	——
311	11	46	31.07	-40	30	1.3	1.58	284.74	56.2	Tcds		11	46	36	-40	30	0	1.592	284.4	1977.07043	1996.21313	5.0	5.7	7745-01381-1
312	11	46	35.15	50	52	54.7	1.03	237.96	17.5	T		11	46	37	50	52	54	1.036	238.1	1950.21741	1991.10522	9.9	10.6	3454-02098-1
313	11	46	31.11	-40	30	1.9	1.58	287.40	79.8	cdms		11	46	38	-40	29	48	1.592	284.4	1977.07043	1996.21313	15.0	—	——
314	11	46	42.90	-14	00	51.8	1.06	137.77	18.8	Hb		11	46	44	-14	00	42	1.035	132.6	1983.35461	1991.27942	11.7	—	57459
315	11	47	44.33	00	48	17.4	1.35	152.00	12.0	P		11	47	45	00	48	24	1.348	152.0	1984.39172	——	11.1	12.8	——
316	11	50	57.81	48	22	37.8	1.80	237.15	8.3			11	50	57	48	22	36	1.821	237.5	1955.16272	1991.11072	12.7	14.3	——
317	11	53	12.47	-31	23	57.2	1.13	259.66	7.5			11	53	13	-31	23	54	1.140	263.1	1979.17432	1995.10413	12.8	14.8	——
318	11	56	54.82	26	39	56.1	1.39	154.49	4.6			11	56	55	26	40	0	1.380	154.6	1955.27466	1996.37207	14.8	16.1	——
319	11	57	56.21	-27	42	25.4	1.24	240.10	3.1	Tcs		11	57	56	-27	42	24	1.246	239.5	1978.13062	1993.20825	7.1	8.4	6674-00576-1
320	12	02	33.74	08	25	48.8	1.18	217.19	63.4			12	02	38	08	25	54	1.116	219.9	1955.28284	1996.30408	13.0	14.3	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
321	12	02	40.21	36	36	5.8	1.05	203.82	2.5		12	02	40	36	36	6	1.053	207.6	1956.35022	1989.04236	12.2	13.3	——
322	12	15	10.97	-10	18	50.7	1.41	162.87	2.7	bcs	12	15	11	-10	18	48	1.024	178.2	1984.25842	1989.18079	6.0	6.5	——
323	12	17	30.28	-29	02	22.0	1.05	263.05	4.2		12	17	30	-29	02	24	1.145	265.9	1975.35461	1993.38904	16.6	18.1	——
324	12	18	59.49	11	07	32.8	1.26	278.51	8.0		12	19	0	11	07	30	1.301	279.1	1955.28284	1991.26917	12.9	15.4	——
325	12	21	32.93	28	54	21.1	1.03	251.94	46.5		12	21	32	28	55	6	1.042	253.9	1955.29382	1993.21729	16.7	18.3	——
325a	12	23	56.31	-27	57	47.8	1.22	282.61	9.2		12	23	57	-27	57	48	1.293	284.4	1975.35461	1993.38904	17.9	21.0	——
326	12	24	26.84	-04	43	37.0	1.31	241.40	12.6	P	12	24	26	-04	43	36	1.311	241.4	1984.17664	——	14.2	15.8	——
327	12	25	50.90	-24	33	19.4	0.93	258.13	1.9		12	25	51	-24	33	18	1.013	264.0	1979.45032	1994.29041	12.3	13.4	——
328	12	28	40.34	-71	27	54.2	0.95	338.78	40.3	bd	12	28	32	-71	27	48	1.170	338.1	1987.18799	1994.10132	13.8	15.1	——
329	12	28	43.24	-71	27	59.5	0.94	331.39	39.7	bd	12	28	35	-71	27	54	1.170	338.1	1987.18799	1994.10132	15.7	17.3	——
330	12	29	14.28	53	33	5.0	1.21	275.52	2.7	d	12	29	14	53	33	6	1.232	275.1	1953.28857	1996.35046	17.2	19.7	——
331	12	29	14.52	53	32	43.8	1.22	274.59	6.3	d	12	29	14	53	32	48	1.232	275.1	1953.28857	1996.35046	14.0	15.5	——
332	12	29	34.58	-55	59	38.8	1.22	224.14	51.4		12	29	29	-56	00	0	1.250	231.9	1976.47913	1991.12061	14.1	15.4	——
333	12	33	17.50	09	01	14.1	1.73	275.94	8.4		12	33	17	09	01	18	1.811	277.4	1956.19226	1991.20911	12.4	14.1	——
334	12	34	15.76	20	37	5.6	1.37	167.38	3.4		12	34	16	20	37	6	1.338	167.6	1955.38684	1996.36401	16.9	19.7	——
335	12	34	53.25	05	03	52.6	1.14	256.77	4.0		12	34	53	05	03	54	1.163	258.8	1956.18958	1996.27112	16.0	17.5	——
336	12	37	52.23	-52	00	5.3	1.02	271.75	5.7	T	12	37	52	-52	00	0	1.035	271.4	1979.15515	1994.41638	10.9	13.6	8244-03175-1
337	12	38	49.19	-38	22	55.7	1.51	202.07	31.8		12	38	49	-38	22	24	1.487	207.2	1982.37109	1995.39453	12.7	14.2	——
338	12	38	52.55	11	41	44.7	1.16	256.68	7.4		12	38	53	11	41	48	1.163	258.5	1956.19226	1991.20911	11.2	12.8	——
339	12	40	24.31	-23	17	44.5	1.06	219.97	4.9		12	40	24	-23	17	42	1.102	219.9	1979.45032	1994.29041	16.7	16.5	——
340	12	40	46.46	-43	33	59.0	1.05	311.57	16.8	H	12	40	48	-43	34	0	1.047	311.7	1976.30469	1991.41370	12.3	—	61874
341	12	47	56.64	09	45	5.0	1.11	245.42	5.4	H	12	47	57	09	45	6	1.077	246.8	1950.12988	1991.20911	11.4	—	62452
342	12	50	7.85	54	47	4.9	1.31	190.83	1.7		12	50	8	54	47	6	1.286	192.2	1953.28857	1996.35046	17.1	18.6	——
343	12	56	23.83	15	41	43.0	1.42	198.32	16.9		12	56	25	15	41	42	1.440	200.5	1956.20325	1991.13538	13.3	14.6	——
344	13	04	57.38	-52	26	36.7	1.14	222.98	31.9	cs	13	04	55	-52	27	0	1.151	224.9	1976.31030	1993.46851	9.2	10.5	——
345	13	08	39.67	08	04	21.4	1.01	282.09	5.6		13	08	40	08	04	24	1.026	281.0	1956.18970	1995.15442	15.0	16.9	——
346	13	09	20.51	-40	09	29.4	1.34	142.79	24.1		13	09	20	-40	09	6	1.196	142.4	1979.15808	1994.25757	13.1	14.6	——
347	13	10	1.88	22	30	3.8	1.17	230.60	4.1		13	10	2	22	30	0	1.140	229.5	1956.21130	1991.37036	12.5	13.8	——
348	13	11	52.39	27	52	41.5	1.19	317.77	5.2	Tcs	13	11	52	27	52	42	1.186	317.5	1955.28833	1993.28845	4.3	4.9	1996-02400-1
349	13	18	24.29	-18	18	42.3	1.51	222.89	4.2	cs	13	18	24	-18	18	42	1.521	225.0	1976.49011	1993.21375	4.7	5.5	——
350	13	22	56.83	24	28	2.6	1.06	213.76	3.5		13	22	57	24	28	0	1.080	215.6	1950.38147	1991.37036	12.2	13.8	——
351	13	29	21.29	11	26	26.6	1.24	165.29	10.7		13	29	22	11	26	24	1.228	165.0	1955.37036	1997.27771	11.7	13.4	——
352	13	29	59.85	10	22	38.1	1.63	131.19	3.1	s	13	30	0	10	22	36	1.525	134.2	1955.37036	1997.27771	9.5	10.6	——
353	13	30	2.78	-08	42	25.4	1.21	248.60	12.4		13	30	2	-08	42	30	1.202	246.2	1983.19360	1995.40552	14.0	15.6	——
354	13	30	13.62	-08	34	29.4	1.21	249.54	142.8		13	30	4	-08	34	24	1.188	247.7	1983.19360	1995.40552	12.6	12.1	——
355	13	30	31.17	19	09	33.0	1.36	198.75	3.9		13	30	31	19	09	30	1.397	200.5	1950.29395	1992.19507	13.7	15.4	——
356	13	37	17.43	35	01	0.5	1.20	253.46	9.5		13	37	18	35	00	54	1.232	252.9	1950.37061	1989.18457	15.7	17.2	——
357	13	40	8.87	43	46	37.2	1.10	285.29	9.5		13	40	8	43	46	36	1.144	285.2	1950.46362	1994.42249	12.3	13.4	——
358	13	41	11.50	30	01	24.6	1.54	275.27	36.0		13	41	11	30	02	0	1.599	273.7	1950.42529	1996.51965	16.5	18.3	——
359	13	45	05.08	17	47	7.6	1.89	166.04	1.9	T	13	45	5	17	47	6	1.898	166.7	1954.24756	1992.19507	10.0	11.6	1463-00985-1
360	13	46	55.60	05	42	55.8	1.13	220.79	6.2		13	46	56	05	42	54	1.142	222.2	1950.29956	1993.35950	14.2	16.0	——
361	13	48	3.08	23	34	45.0	1.46	274.03	3.2	d	13	48	3	23	34	48	1.484	275.6	1950.27771	1996.38330	14.9	16.5	——
362	13	48	13.48	23	36	47.4	1.46	273.82	6.6	d	13	48	13	23	36	48	1.484	275.6	1950.27771	1996.38330	14.3	16.3	——
363	13	49	44.81	-22	06	39.9	1.82	254.21	3.4	Tcs	13	49	45	-22	06	42	1.805	254.4	1977.15259	1993.29041	8.4	9.8	6135-00445-1
364	14	06	55.66	38	36	54.4	1.11	159.48	101.9		14	06	55	38	38	36	1.046	159.7	1955.28308	1995.31299	13.3	14.9	——
365	14	15	16.10	47	47	25.3	1.40	236.01	22.7		14	15	16	47	47	48	1.436	237.5	1950.37878	1989.17639	15.5	17.1	——
366	14	15	32.69	04	39	29.9	1.07	220.99	12.0		14	15	32	04	39	36	1.060	225.3	1950.30505	1989.26941	13.2	15.3	——
367	14	18	20.77	-52	24	14.4	0.95	233.98	20.7	b	14	18	23	-52	24	18	1.118	248.4	1988.46826	1993.46570	14.4	15.0	——
368	14	19	11.06	-07	18	13.0	1.54	206.43	1.4	Bb	14	19	11	-07	18	12	1.355	235.5	1983.49695	1985.22192	13.4	15.2	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
369	14	20	7.45	-09	37	14.8	1.58	184.72	7.2	Bb	14	20	7	-09	37	12	1.062	215.2	1984.24231	1985.22192	12.8	14.6	——
370	14	20	53.00	36	57	16.1	1.35	278.97	7.9		14	20	53	36	57	24	1.363	279.6	1950.38428	1992.33423	15.3	17.2	——
371	14	25	43.48	23	37	1.5	1.37	144.59	8.0	Tds	14	25	43	23	37	6	1.376	144.9	1950.21777	1996.29895	9.9	11.7	2008-00790-1
372	14	25	46.76	23	37	14.5	1.37	143.19	11.0	ds	14	25	46	23	37	18	1.376	144.9	1950.21777	1996.29895	9.7	11.3	——
373	14	29	29.71	15	31	57.5	1.68	321.15	5.5	T	14	29	30	15	31	54	1.711	321.8	1955.35962	1994.33765	10.9	12.5	1476-01306-1
374	14	30	47.72	-08	38	46.8	1.29	259.25	4.3	TBcs	14	30	48	-08	38	48	1.269	260.0	1984.24231	1985.22192	9.6	11.3	5563-00779-1
375	14	31	38.37	-25	25	33.9	1.32	269.51	6.3		14	31	38	-25	25	30	1.386	268.6	1976.40295	1992.24585	14.8	16.8	——
376	14	35	8.96	16	53	53.1	1.55	253.74	11.1		14	35	9	16	53	42	1.555	255.5	1955.35962	1993.36230	14.1	15.6	——
377	14	39	0.44	18	39	37.5	1.25	178.54	7.7		14	39	0	18	39	42	1.230	180.3	1955.35962	1992.19250	17.1	20.2	——
378	14	47	25.43	-17	42	16.7	1.06	247.42	7.7		14	47	25	-17	42	12	1.177	252.6	1983.36035	1994.18628	16.0	16.6	——
379	14	49	31.53	-26	06	32.4	1.14	260.32	12.0	d	14	49	31	-26	06	42	1.217	260.7	1983.29199	1996.28687	12.2	13.5	——
380	14	49	33.34	-26	06	21.6	1.14	257.85	9.6	d	14	49	33	-26	06	30	1.217	260.7	1983.29199	1996.28687	11.9	13.2	——
381	14	50	28.89	-08	38	38.2	1.73	182.82	2.8	Bb	14	50	29	-08	38	36	1.589	190.1	1983.34937	1986.48218	14.4	15.9	——
382	14	50	41.80	-16	56	35.0	1.16	218.94	15.9	b	14	50	41	-16	56	24	1.451	242.7	1983.36035	1987.41638	14.5	15.8	——
383	14	51	40.47	-24	18	14.9	1.04	245.48	7.8	Tcs	14	51	41	-24	18	12	1.020	245.0	1983.29199	1996.28687	7.9	9.1	6747-01787-1
384	14	55	11.05	53	40	49.2	1.08	296.21	1.3	Tcs	14	55	11	53	40	48	1.083	295.3	1953.27783	1991.43896	7.8	8.8	3861-00376-1
385	14	55	35.98	-15	33	48.6	1.91	202.11	14.2	b	14	55	35	-15	33	48	1.736	209.6	1982.52441	1987.41638	14.2	15.7	——
386	14	57	26.60	-21	24	43.7	2.10	147.89	9.5	cds	14	57	27	-21	24	36	1.994	149.2	1978.43701	1993.29858	8.6	10.2	——
387	14	57	28.00	-21	24	55.8	2.02	149.16	7.8	Tcds	14	57	28	-21	24	48	1.994	149.2	1978.43701	1993.29858	5.9	7.2	6180-00855-1
388	14	57	32.29	31	23	44.8	1.35	210.58	9.5	T	14	57	33	31	23	42	1.374	211.1	1955.28308	1994.58411	11.7	13.0	2555-01164-3
389	15	03	24.67	03	46	55.8	1.10	306.87	6.5		15	03	25	03	47	0	1.136	308.3	1955.37048	1994.41724	11.6	13.2	——
390	15	06	14.35	-37	25	20.4	1.16	200.52	43.6	H	15	06	18	-37	25	24	1.114	201.9	1975.19373	1991.44934	12.8	—	73903
391	15	07	23.59	24	56	7.9	0.98	300.73	8.3	T	15	07	23	24	56	6	1.004	299.3	1950.29688	1991.36792	10.2	12.0	2024-01358-1
392	15	11	50.62	-10	14	18.6	0.96	252.84	20.4		15	11	52	-10	14	18	1.005	257.6	1982.54077	1996.22949	13.6	15.2	——
393	15	13	50.90	-01	21	5.0	1.37	248.43	298.5	T	15	13	31	-01	21	0	1.375	248.8	1955.29956	1994.36511	6.7	7.5	5001-00567-1
394	15	19	27.22	-07	43	22.5	0.95	256.73	21.0	b	15	19	26	-07	43	12	1.224	256.3	1981.33594	1991.21094	10.6	12.3	——
395	15	21	48.15	-48	19	3.5	1.64	260.37	9.2	Tbcs	15	21	49	-48	19	0	1.645	260.1	1987.31409	1992.57654	5.7	6.4	8298-01229-1
396	15	23	51.20	17	27	56.1	1.34	196.24	4.8		15	23	51	17	28	0	1.302	196.8	1950.29968	1992.49231	13.1	15.0	——
397	15	32	12.93	-41	16	32.1	1.56	228.75	44.5	TP	15	32	9	-41	16	36	1.539	228.5	1988.30237	——	9.5	11.2	7844-01976-1
398	15	34	27.90	02	16	45.6	1.10	257.17	2.8		15	34	28	02	16	48	1.196	262.7	1982.52161	1993.45264	14.1	15.7	——
399	15	35	20.58	17	42	46.4	1.21	261.70	8.4	d	15	35	20	17	42	48	1.219	263.0	1950.29419	1992.49231	11.9	13.8	——
400	15	35	20.36	17	43	3.8	1.22	261.54	5.6	d	15	35	20	17	43	6	1.219	263.0	1950.29419	1992.49231	14.0	15.7	——
401	15	39	39.28	-55	09	11.8	1.14	184.87	65.0		15	39	32	-55	09	30	1.152	190.3	1975.51343	1992.55188	13.7	15.0	——
402	15	40	3.80	43	29	37.4	1.26	104.95	11.4	dm	15	40	3	43	29	30	1.225	106.3	1955.24768	1989.18481	12.0	13.6	——
403	15	40	3.81	43	29	37.4	1.28	104.80	16.0	dm	15	40	3	43	29	24	1.225	106.3	1955.24768	1989.18481	13.0	14.5	——
404	15	41	16.63	75	59	34.0	1.10	132.47	14.1	T	15	41	17	75	59	48	1.141	133.8	1953.52380	1994.43909	12.4	14.1	4560-03069-1
405	15	43	03.10	-10	56	0.6	1.16	254.87	1.6	Tbcs	15	43	3	-10	56	0	1.187	254.2	1982.55164	1990.32874	7.3	7.8	5601-00694-1
406	15	43	18.48	-20	15	34.6	1.21	190.30	12.9		15	43	19	-20	15	24	1.143	194.4	1976.40857	1991.60828	13.1	14.4	——
407	15	45	40.41	-20	36	17.5	1.22	241.99	5.8	m	15	45	40	-20	36	18	1.375	243.5	1976.40857	1991.60828	15.8	18.0	——
408	15	56	27.20	15	39	39.8	1.38	166.95	8.7	c	15	56	27	15	39	48	1.328	166.4	1950.29443	1994.43652	3.8	4.2	——
409	15	57	13.12	05	05	59.1	1.39	177.84	5.4	d	15	57	13	05	05	54	1.398	177.3	1954.39539	1994.33789	14.6	16.3	——
410	15	57	14.74	05	07	2.3	1.39	177.43	4.5	d	15	57	15	05	07	0	1.398	177.3	1954.39539	1994.33789	12.3	14.7	——
411	16	02	51.03	20	35	19.6	1.59	215.85	27.7		16	02	53	20	35	18	1.571	217.6	1950.36816	1987.30518	12.4	14.1	——
412	16	08	15.07	-10	26	14.2	1.35	195.10	13.9	P	16	08	16	-10	26	12	1.354	195.1	1982.60376	——	14.0	16.1	——
413	16	13	48.63	-57	34	14.1	1.64	209.40	34.0	P	16	13	49	-57	34	48	1.635	209.4	1988.43054	——	9.1	10.0	——
414	16	14	26.42	02	14	47.2	1.55	244.15	8.2		16	14	26	02	14	42	1.570	247.3	1980.23157	1994.42822	14.1	15.8	——
415	16	20	2.53	-37	31	27.7	3.70	326.78	21.1	bdm	16	20	3	-37	31	48	1.222	324.5	1986.41248	1991.27942	10.4	12.0	——
416	16	20	2.53	-37	31	27.7	3.70	326.81	26.9	bdm	16	20	3	-37	31	54	1.222	324.5	1986.41248	1991.27942	14.3	16.0	——
417	16	24	09.32	48	21	10.5	1.23	111.50	3.5	Ts	16	24	9	48	21	12	1.231	111.6	1955.24512	1992.42151	10.4	12.2	3495-00601-1

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
418	16	25	14.03	15	40	53.4	1.24	173.31	5.4		16	25	14	15	40	48	1.196	173.5	1950.20679	1989.26965	12.7	15.2	——
419	16	30	18.67	-12	39	54.5	1.79	164.27	11.8	bcs	16	30	18	-12	39	48	1.175	183.4	1983.49707	1988.52734	9.9	12.2	——
420	16	30	28.46	04	10	41.6	1.46	197.30	9.4	Tcs	16	30	28	04	10	48	1.467	197.3	1950.29712	1993.38989	7.3	7.9	0390-01618-1
421	16	34	20.40	57	09	42.8	1.60	314.95	32.5	d	16	34	17	57	10	0	1.620	316.0	1955.32178	1991.50464	13.2	14.7	——
422	16	34	21.62	57	10	7.1	1.61	315.24	37.3	d	16	34	18	57	10	30	1.620	316.0	1955.32178	1991.50464	15.3	15.7	——
423	16	35	40.39	-30	51	20.3	1.30	199.20	20.8	Bb	16	35	42	-30	51	18	1.189	225.3	1988.28625	1992.27600	12.8	14.1	——
424	16	37	5.68	-01	32	1.6	1.06	217.59	10.3	bm	16	37	5	-01	32	0	1.227	227.0	1980.59119	1988.60657	14.0	15.1	——
425	16	42	4.42	10	25	57.6	1.26	198.56	7.2		16	42	4	10	25	54	1.252	202.1	1955.23413	1992.42969	14.1	15.6	——
426	16	52	58.61	00	01	38.8	1.71	206.95	10.5	cs	16	52	59	00	01	30	1.673	205.3	1950.46387	1988.44812	6.6	7.6	——
427	16	55	25.32	-08	19	21.9	1.15	212.12	14.1	Bbd	16	55	26	-08	19	12	1.190	222.5	1984.25330	1988.31152	11.7	13.4	——
428	16	55	28.77	-08	20	11.0	1.21	222.17	6.0	TBbcds	16	55	29	-08	20	6	1.190	222.5	1984.25330	1988.31152	9.2	11.1	5642-01503-1
429	16	55	35.35	-08	23	42.3	1.24	204.67	21.0	Bbd	16	55	34	-08	23	36	1.190	222.5	1984.25330	1988.31152	15.5	17.7	——
430	17	04	22.47	16	55	54.7	1.17	171.19	13.2		17	04	22	16	56	6	1.136	174.5	1950.37915	1989.26147	11.8	13.3	——
431	17	05	03.40	-05	03	59.4	1.46	218.79	51.1	Tbcd	17	05	0	-05	03	54	1.461	219.2	1982.61475	1988.61475	7.9	9.2	5072-00408-1
432	17	05	13.69	-05	05	40.5	1.57	216.86	111.6	bcds	17	05	7	-05	06	30	1.461	219.2	1982.61475	1988.61475	9.7	11.2	——
433	17	12	07.82	45	39	57.8	1.59	170.87	19.5	Tdms	17	12	6	45	39	54	1.572	170.8	1955.22876	1991.45288	9.6	11.2	3501-01952-1
434	17	12	7.91	45	39	59.9	1.60	169.54	20.9	dms	17	12	6	45	39	54	1.572	170.8	1955.22876	1991.45288	9.7	11.3	——
435	17	12	55.09	42	19	54.5	1.08	251.62	1.1	T	17	12	55	42	19	54	1.083	250.1	1954.51587	1992.55518	10.3	11.6	3081-01154-1
436	17	14	8.81	60	47	28.6	0.97	236.41	59.5		17	14	1	60	47	12	1.007	238.4	1955.32178	1993.30530	16.9	18.6	——
437	17	15	20.91	-26	36	7.5	1.23	203.00	7.5	PWdm	17	15	21	-26	36	0	1.232	203.0	1987.65039	——	5.1	6.3	——
438	17	15	20.91	-26	36	8.6	1.23	203.00	2.9	PWdm	17	15	21	-26	36	6	1.232	203.0	1987.65039	——	5.1	6.3	——
439	17	16	13.36	-26	32	46.1	1.22	203.15	6.3	TPW	17	16	13	-26	32	42	1.232	203.0	1987.65039	——	6.5	7.8	6820-00293-1
440	17	18	29.00	-43	25	33.7	1.06	225.30	82.5	P	17	18	35	-43	26	24	1.056	225.3	1987.69702	——	14.0	14.6	——
441	17	18	32.67	32	25	37.3	0.03	62.02	118.2		17	18	40	32	24	24	1.055	173.8	1950.45850	1993.45544	5.2	5.8	——
442	17	18	57.00	-34	59	24.1	1.18	98.30	6.2	PWdm	17	18	57	-34	59	18	1.180	98.3	1988.28906	——	5.8	7.1	——
443	17	18	58.70	-34	59	48.4	1.18	98.30	7.4	PW	17	18	59	-34	59	42	1.180	98.3	1988.28906	——	9.7	11.3	——
444	17	19	03.86	-46	38	10.2	1.06	82.22	18.4	TPWdm	17	19	3	-46	37	54	1.000	77.3	1987.69702	——	5.6	6.5	8341-04366-1
445	17	19	3.71	-46	38	9.4	1.00	77.30	17.1	PWdm	17	19	3	-46	37	54	1.000	77.3	1987.69702	——	8.1	9.6	——
446	17	20	46.43	49	15	19.1	1.34	155.24	4.3		17	20	46	49	15	18	1.304	155.5	1953.52405	1987.31348	14.0	15.6	——
447	17	25	45.23	02	06	41.1	1.32	206.08	7.7	Tcs	17	25	45	02	06	48	1.334	205.8	1981.27051	1992.35083	7.7	9.3	0405-00956-1
448	17	27	40.02	14	29	0.6	1.13	252.00	0.7		17	27	40	14	29	0	1.142	254.4	1952.39709	1992.41626	13.5	15.1	——
449	17	28	39.94	-46	53	42.7	1.05	146.84	25.7	Tb	17	28	41	-46	54	6	1.044	147.0	1987.69702	1992.58191	9.6	11.4	8346-00037-1
450	17	36	25.91	68	20	20.9	1.31	194.16	3.0	Ts	17	36	26	68	20	18	1.311	195.2	1953.43665	1993.62512	9.3	11.1	4428-01943-1
451	17	37	3.00	-44	19	6.0	1.16	216.30	—	NPW	17	37	3	-44	19	6	1.155	216.3	1987.29810	——	11.3	12.8	——
452	17	37	53.35	18	35	30.1	1.35	43.33	5.0	Ts	17	37	53	18	35	30	1.381	42.8	1951.51587	1986.44739	9.7	11.5	1555-01029-1
453	17	39	51.48	51	27	16.0	0.98	300.22	23.2		17	39	49	51	27	18	1.011	301.4	1954.49121	1987.31348	17.5	19.8	——
454	17	46	34.81	-57	19	9.7	1.62	207.28	30.1	b	17	46	33	-57	19	36	1.739	219.2	1987.70239	1991.66577	11.3	12.8	——
455	17	48	8.12	70	52	34.9	1.65	310.64	7.4		17	48	7	70	52	30	1.651	311.0	1953.67163	1993.61157	13.6	14.7	——
456	17	50	55.00	-56	34	54.0	1.26	237.60	—	BNb	17	50	55	-56	34	54	1.256	237.6	1987.70239	1991.66577	12.1	13.6	——
457	18	02	46.26	37	31	3.1	1.15	171.99	4.4		18	02	46	37	31	0	1.158	171.9	1950.60339	1993.60876	14.1	15.8	——
458	18	05	27.37	02	29	59.3	1.13	165.80	8.7	Tdms	18	05	27	02	30	6	1.127	166.6	1953.52686	1988.59021	4.2	5.2	0434-05213-1
459	18	05	27.42	02	29	56.4	1.33	160.57	11.5	Hdms	18	05	27	02	30	6	1.127	166.6	1953.52686	1988.59021	6.2	—	88601B
460	18	17	15.73	68	33	36.5	1.37	352.79	50.7		18	17	13	68	32	48	1.740	203.5	1952.63159	1993.61157	14.6	16.2	——
461	18	18	4.07	38	46	34.2	1.08	201.27	13.2	dm	18	18	3	38	46	30	1.091	197.8	1950.60339	1992.48438	13.8	15.3	——
462	18	18	4.15	38	46	33.8	1.08	200.34	4.2	dm	18	18	4	38	46	30	1.091	197.8	1950.60339	1992.48438	12.2	13.7	——
463	18	20	57.43	-01	02	58.7	0.99	197.79	9.8	b	18	20	57	-01	03	6	1.082	207.9	1981.33337	1986.65479	13.2	14.5	——
464	18	22	6.81	06	20	37.1	1.14	274.77	7.6		18	22	7	06	20	30	1.158	272.7	1950.44189	1993.40100	12.2	13.9	——
465	18	22	27.28	62	03	0.8	1.56	216.11	33.9		18	22	24	62	02	36	1.544	217.1	1952.40247	1994.52393	13.7	15.3	——
466	18	35	43.12	-08	16	6.4	1.25	229.80	5.9	P	18	35	43	-08	16	12	1.251	229.8	1986.65332	——	14.1	15.2	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ^{b}	θ^{b}	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
467	18	41	36.59	00	55	13.2	2.04	172.21	15.9		18	41	36	00	55	0	1.990	178.6	1980.60779	1990.63062	11.5	12.8	——
468	18	48	44.91	-02	33	46.8	1.43	169.68	13.7	Bb	18	48	44	-02	33	48	1.116	234.9	1986.66699	1987.57812	13.2	14.3	——
469	18	53	39.98	-38	36	45.7	2.07	133.17	25.1	Bb	18	53	42	-38	36	54	1.011	161.1	1987.69446	1989.51233	12.7	13.8	——
470	18	58	00.14	05	54	29.2	1.23	189.14	7.1	Tcs	18	58	0	05	54	36	1.239	189.5	1951.50757	1987.57593	9.4	11.0	0461-00366-1
471	19	07	43.09	32	32	41.8	1.69	48.47	38.4		19	07	42	32	32	6	1.635	48.9	1950.45862	1987.47217	11.6	13.3	——
472	19	12	14.59	02	53	11.1	1.86	106.21	6.2	H	19	12	15	02	53	12	1.853	106.8	1951.64429	1987.57593	11.1	—	94349
473	19	16	55.26	05	10	8.0	1.45	203.39	5.5	Td	19	16	55	05	10	12	1.461	203.1	1950.61169	1992.58533	9.3	11.0	0472-01252-1
474	19	16	57.66	05	09	0.4	1.52	202.91	11.3	d	19	16	57	05	09	6	1.461	203.1	1950.61169	1992.58533	17.9	19.4	——
475	19	20	54.85	-82	33	14.9	1.26	162.48	97.3		19	20	5	-82	33	24	1.261	165.0	1976.57788	1993.76709	12.9	14.4	——
476	19	21	38.79	20	52	2.5	1.75	212.53	10.0		19	21	39	20	52	12	1.751	212.6	1953.62256	1991.52954	13.8	15.1	——
477	19	32	21.59	69	39	40.3	1.84	160.94	2.8	Tcs	19	32	22	69	39	42	1.838	161.2	1954.57324	1991.60071	4.8	5.7	4448-02481-1
478	19	46	45.00	27	07	24.0	1.23	181.50	—	N	19	46	45	27	07	24	1.226	181.5	1950.54065	1996.52832	12.7	14.4	——
479	19	46	48.75	12	04	56.0	1.55	196.99	11.7		19	46	48	12	05	0	1.482	205.1	1953.61438	1991.53235	14.8	15.9	——
480	19	54	0.34	-47	48	39.8	1.13	184.22	43.1		19	54	2	-47	48	0	1.072	186.2	1975.36914	1990.72327	12.2	14.0	——
481	20	03	52.13	23	20	26.5	1.36	227.65	4.0	Tcs	20	03	52	23	20	30	1.368	227.6	1951.53247	1992.71899	7.4	8.3	2141-00881-1
482	20	05	02.67	54	26	3.3	1.47	232.32	6.7	H	20	05	2	54	26	0	1.455	232.7	1952.58020	1989.64160	12.0	—	98906
483	20	05	37.03	-10	55	51.1	6.82	242.49	69.7	Bb	20	05	35	-10	56	54	1.081	94.9	1982.53308	1984.64209	16.4	17.7	——
484	20	05	32.77	-67	19	15.2	1.08	128.56	26.2	Tcs	20	05	37	-67	19	6	1.097	129.1	1979.70520	1995.64929	6.1	6.8	9098-01638-1
485	20	08	43.61	-66	10	55.4	1.66	133.04	12.3	Tcs	20	08	42	-66	10	48	1.651	133.2	1979.70520	1995.64929	3.6	4.5	9098-01918-1
486	20	11	11.94	-36	06	4.3	1.63	163.72	4.4	Tcds	20	11	12	-36	06	0	1.632	163.8	1976.56982	1990.71509	5.4	6.4	7453-01391-1
487	20	11	12.08	-36	06	6.5	1.77	162.84	11.1	dms	20	11	13	-36	06	6	1.632	163.8	1976.56982	1990.71509	11.2	13.0	——
488	20	15	17.39	-27	01	58.7	1.25	98.28	7.0	Tcs	20	15	17	-27	01	54	1.251	98.0	1977.55225	1992.42627	5.8	6.9	6914-01943-1
489	20	19	4.63	12	35	2.2	1.26	181.83	9.5		20	19	4	12	35	0	1.213	184.7	1953.68274	1990.63623	14.8	16.8	——
490	20	23	35.84	-21	22	14.2	1.19	153.03	3.1	Ts	20	23	36	-21	22	12	1.205	152.8	1977.68616	1993.38086	8.7	9.3	6340-00637-1
491	20	27	29.23	35	59	23.4	1.31	228.50	6.1		20	27	29	35	59	18	1.328	228.9	1951.52991	1991.74561	14.3	15.6	——
492	20	27	42.34	-56	27	27.0	1.41	158.81	49.4		20	27	46	-56	26	48	1.283	161.4	1975.36646	1990.69312	12.7	14.2	——
493	20	28	4.17	-76	40	16.4	1.51	149.18	55.6		20	28	4	-76	41	12	1.430	152.9	1975.68347	1992.42346	14.2	15.7	——
494	20	33	40.40	61	45	11.9	1.02	32.17	2.8		20	33	40	61	45	12	1.052	30.5	1952.70813	1991.52698	12.1	14.4	——
495	20	40	33.99	15	29	58.3	1.56	63.43	4.3		20	40	34	15	29	54	1.487	63.3	1953.68274	1990.62805	12.8	14.9	——
496	20	42	18.79	-52	41	58.5	1.06	173.21	32.5	cs	20	42	21	-52	42	24	1.069	176.4	1977.52783	1992.56287	9.8	11.0	——
497	20	42	57.28	-18	55	8.5	1.16	143.81	201.3		20	42	56	-18	51	48	1.016	150.3	1976.70886	1990.72607	10.5	12.0	——
498	20	43	19.41	55	20	52.0	1.91	27.99	4.0		20	43	19	55	20	54	1.915	27.6	1952.71082	1991.67456	14.8	16.4	——
499	20	51	41.97	-79	18	41.1	1.30	143.98	96.8		20	51	54	-79	20	12	1.216	144.6	1976.65991	1992.63660	11.7	13.2	——
500	20	55	37.19	-14	03	55.7	3.31	132.41	3.3	Bbd	20	55	37	-14	03	54	1.486	107.5	1983.76819	1984.58472	13.6	15.2	——
501	20	55	37.81	-14	02	8.8	3.15	128.63	4.0	Bbd	20	55	38	-14	02	6	1.486	107.5	1983.76819	1984.58472	11.8	13.7	——
502	20	56	46.60	-10	26	54.9	1.13	182.10	8.9	Tb	20	56	46	-10	26	54	1.155	182.8	1982.69714	1988.75134	11.7	13.9	5774-01598-1
503	20	57	40.07	-44	07	45.7	1.10	207.88	12.1	Tcs	20	57	39	-44	07	42	1.098	208.5	1976.70618	1990.78076	6.6	7.2	7976-01340-1
504	21	05	14.09	-24	46	52.6	1.14	197.24	1.9	gm	21	05	14	-24	46	54	1.091	198.4	1976.41187	1994.50134	17.1	18.8	——
505	21	11	57.97	-31	03	17.5	1.15	126.24	0.6		21	11	58	-31	03	18	1.060	125.0	1974.45947	1989.75610	15.1	16.4	——
506	21	13	34.09	-19	19	46.3	1.12	192.60	13.0	T	21	13	35	-19	19	48	1.112	192.2	1977.54968	1991.74243	11.6	14.3	6355-01470-1
507	21	21	34.94	-19	03	40.0	1.08	208.61	13.9		21	21	34	-19	03	36	1.064	213.4	1977.54968	1991.74243	14.5	16.4	——
508	21	29	36.81	17	38	35.8	1.08	69.58	11.6	T	21	29	36	17	38	36	1.058	69.8	1954.52161	1991.52979	10.5	11.8	1668-00637-1
509	21	30	02.75	-12	30	36.3	1.05	104.27	3.7	Tbcs	21	30	3	-12	30	36	1.056	104.4	1981.74377	1986.75073	9.3	10.8	5794-00888-1
510	21	30	47.74	-40	42	31.3	1.83	143.53	54.6		21	30	49	-40	43	24	1.730	143.7	1974.63440	1990.71777	12.9	14.4	——
511	21	31	18.59	-09	47	26.4	1.16	92.67	7.0	Hb	21	31	19	-09	47	30	1.194	90.8	1981.74109	1988.77051	11.9	—	106255
512	21	38	43.71	-33	39	55.0	1.17	113.69	25.0		21	38	42	-33	39	42	1.190	116.5	1979.63171	1994.81091	12.1	13.6	——
513	21	39	1.14	-24	09	30.9	1.43	126.03	5.4	b	21	39	1	-24	09	36	1.208	124.4	1983.44580	1991.59448	12.7	14.4	——
514	21	40	53.39	78	49	20.6	1.16	64.36	15.4		21	40	49	78	49	12	1.147	63.0	1954.74854	1993.56250	14.2	15.3	——
515	21	55	47.95	-11	21	42.1	1.09	120.10	0.7	P	21	55	48	-11	21	42	1.088	120.1	1979.72192	——	16.9	19.4	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
516	21	56	55.44	-01	54	11.1	1.52	69.67	9.8	b	21	56	56	-01	54	6	1.426	64.2	1981.71912	1989.66028	14.0	15.3	—
517	22	09	40.35	-04	38	26.6	1.14	91.10	26.4	Tbcs	22	09	42	-04	38	36	1.037	91.5	1982.77930	1991.67126	10.5	11.9	5227-01521-1
518	22	20	26.99	-24	21	48.9	1.05	154.50	13.8	P	22	20	28	-24	21	48	1.055	154.5	1980.47742	—	12.7	14.0	—
519	22	22	35.86	-50	48	26.9	1.07	171.29	17.9	Tcs	22	22	34	-50	48	24	1.080	176.8	1980.77173	1995.64661	8.8	9.8	8445-01479-1
520	22	24	36.89	-72	15	19.5	1.47	117.24	16.9	Ts	22	24	34	-72	15	30	1.470	117.4	1977.78186	1996.77319	5.4	6.0	9340-02962-1
521	22	27	59.21	-30	09	34.5	1.06	138.75	5.2		22	27	59	-30	09	30	1.012	136.7	1977.62891	1995.77808	13.9	15.7	—
522	22	28	49.12	05	48	13.2	1.67	161.16	17.3		22	28	48	05	48	18	1.638	162.4	1954.57922	1990.62830	13.5	14.8	—
523	22	28	54.59	-13	25	21.4	1.14	185.62	9.3	b	22	28	54	-13	25	18	1.083	196.5	1982.53882	1989.66028	16.1	18.3	—
524	22	29	49.12	41	28	47.5	1.29	70.95	6.6		22	29	49	41	28	54	1.293	68.5	1952.55298	1989.67188	12.8	14.7	—
525	22	32	56.96	53	47	40.4	1.43	86.04	17.9		22	32	55	53	47	36	1.318	86.1	1952.70007	1990.64478	10.6	12.2	—
526	22	34	53.76	-01	04	59.0	1.14	79.91	3.8		22	34	54	-01	05	0	1.135	78.3	1951.68848	1995.58716	14.0	15.7	—
527	22	41	41.07	-32	58	49.0	1.21	105.75	5.1		22	41	41	-32	58	54	1.124	105.0	1984.63818	1996.60925	17.0	—	—
528	22	42	38.87	17	40	8.3	1.26	66.99	12.9		22	42	38	17	40	12	1.240	63.9	1953.76770	1991.70215	11.2	12.9	—
529	22	51	23.14	29	39	42.5	1.30	86.27	1.9		22	51	23	29	39	42	1.269	83.2	1954.60095	1989.52991	15.5	16.0	—
530	22	53	16.81	-14	15	52.0	1.37	126.71	17.8	bcs	22	53	18	-14	15	48	1.143	123.5	1983.76306	1989.82190	10.8	12.4	—
531	22	55	45.01	-75	27	34.2	1.64	223.46	22.5		22	55	46	-75	27	12	1.420	225.6	1977.76562	1993.76709	11.6	12.7	—
532	22	56	24.97	-60	03	50.4	1.10	203.38	55.3		22	56	28	-60	03	0	1.060	209.0	1980.77454	1995.65479	13.9	15.4	—
533	22	56	34.80	16	33	12.3	1.07	254.62	2.9	Ts	22	56	35	16	33	12	1.051	252.2	1954.58459	1990.70483	8.9	10.5	1711-02453-1
534	23	06	36.12	71	43	24.6	1.36	72.82	6.6		23	06	36	71	43	18	1.320	71.5	1952.63477	1992.59668	11.9	13.4	—
535	23	07	30.16	68	40	4.7	1.16	87.31	4.8		23	07	30	68	40	0	1.125	88.5	1952.62939	1992.59668	12.4	13.9	—
536	23	08	26.14	31	40	22.5	1.52	78.50	15.3		23	08	25	31	40	18	1.390	77.2	1954.65576	1989.52991	14.7	16.0	—
537	23	09	33.26	00	42	39.9	1.27	176.50	4.4	b	23	09	33	00	42	42	1.301	192.2	1983.53345	1990.77869	9.8	10.6	—
538	23	10	42.18	-19	13	36.3	1.52	176.93	36.4		23	10	42	-19	13	0	1.421	178.4	1977.76843	1991.74524	11.8	13.6	—
539	23	15	51.64	-37	33	30.9	1.41	78.18	19.5		23	15	50	-37	33	30	1.306	78.2	1976.50208	1996.75684	14.8	—	—
540	23	17	4.96	-13	51	4.2	1.28	204.20	1.9	PWd	23	17	5	-13	51	6	1.282	204.2	1982.85046	—	8.1	8.5	—
541	23	17	5.00	-13	51	4.1	1.28	204.20	37.0	PWd	23	17	6	-13	50	30	1.282	204.2	1982.85046	—	14.8	16.8	—
542	23	19	9.63	-06	12	51.4	1.74	195.45	6.5	c	23	19	10	-06	12	48	1.728	201.7	1982.84497	1988.83606	17.6	18.9	—
543	23	21	37.46	17	17	25.4	1.49	201.17	7.9	H	23	21	38	17	17	24	1.483	201.0	1951.61475	1990.81152	11.7	—	115332
543a	23	25	39.59	53	08	5.9	0.94	70.08	21.7	m	23	25	42	53	08	6	1.071	71.2	1952.70837	1990.78955	14.5	16.2	—
544	23	30	23.00	59	09	54.0	1.10	84.30	—	N	23	30	23	59	09	54	1.104	84.3	1954.60120	1991.60107	6.6	7.8	—
545	23	34	3.75	00	10	48.1	0.96	219.20	26.6	b	23	34	3	00	10	24	1.388	227.8	1982.84766	1987.72961	11.0	12.6	—
546	23	35	10.54	-02	23	22.9	1.28	138.41	8.2		23	35	10	-02	23	24	1.157	137.4	1983.54175	1989.83289	14.1	15.7	—
547	23	36	52.60	-36	28	54.2	1.48	91.71	19.3		23	36	51	-36	28	54	1.155	87.9	1985.54980	1996.71313	13.4	15.2	—
548	23	36	52.05	01	09	53.3	1.45	89.44	1.0	b	23	36	52	01	09	54	1.205	94.9	1982.84766	1987.72961	12.5	14.2	—
549	23	41	55.17	44	10	38.0	1.62	175.17	2.7		23	41	55	44	10	36	1.617	177.0	1952.63220	1990.63940	12.7	14.5	—
550	23	49	12.58	02	24	2.0	1.44	134.45	24.1	cs	23	49	11	02	24	6	1.374	134.5	1951.90991	1987.72961	8.8	10.4	—
551	23	57	44.23	23	18	15.7	1.52	135.35	3.9		23	57	44	23	18	18	1.460	135.0	1953.60938	1990.66125	11.0	12.3	—
552	23	59	27.89	-16	56	40.9	1.13	92.54	12.8	Ts	23	59	27	-16	56	42	1.162	93.0	1983.53906	1995.65759	9.0	9.9	6405-00775-1
1001	00	00	27.53	-41	25	31.5	0.53	94.12	11.7		00	00	28	-41	25	42	0.514	102.8	1977.70569	1996.71313	17.0	—	—
1002a	00	01	14.29	57	33	15.1	0.65	135.79	3.7	dm	00	01	14	57	33	18	0.599	140.3	1952.95117	1990.71863	15.1	16.4	—
1003	00	01	44.06	-35	28	34.0	0.61	89.26	13.1		00	01	43	-35	28	36	0.521	92.8	1980.54846	1996.60925	12.1	13.8	—
1004	00	01	54.68	26	00	14.5	0.70	206.19	5.6	T	00	01	55	26	00	18	0.696	206.1	1950.61218	1991.77600	11.3	12.1	1732-01578-1
1005	00	02	10.75	-43	09	55.6	1.02	135.20	19.3		00	02	12	-43	09	42	0.915	137.7	1978.80957	1996.70496	13.1	13.0	—
1006	00	02	37.09	-11	23	34.9	0.56	224.10	13.4	P	00	02	38	-11	23	36	0.556	224.1	1983.74939	—	13.1	14.7	—
1007	00	02	33.83	-63	24	8.0	0.71	211.00	36.1		00	02	39	-63	24	18	0.703	220.1	1977.86694	1993.63562	12.8	14.3	—
1008	00	02	40.13	-34	13	39.5	0.78	158.46	3.9		00	02	40	-34	13	36	0.758	168.6	1980.54846	1996.60925	14.7	15.1	—
1009	00	03	7.08	06	16	39.0	0.63	157.37	14.0		00	03	8	06	16	42	0.548	150.9	1955.86072	1991.69946	14.4	16.5	—
1010	00	03	16.97	-55	16	31.8	0.68	122.74	60.2		00	03	24	-55	16	36	0.547	125.2	1980.78284	1991.85205	14.2	15.7	—
1011	00	04	44.78	-23	20	0.9	0.58	144.73	3.1		00	04	45	-23	20	0	0.583	146.6	1977.55542	1996.68579	12.8	14.4	—

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1012	00	04	46.79	-30	01	37.9	0.76	196.17	3.3		00	04	47	-30	01	36	0.684	202.0	1976.87817	1990.79175	14.0	15.6	——
1013	00	04	53.96	34	39	33.3	0.82	85.39	2.7	s	00	04	54	34	39	36	0.760	82.4	1954.75977	1991.77332	6.5	7.0	——
1014	00	05	10.89	45	47	11.7	0.88	99.83	9.3	T	00	05	10	45	47	12	0.894	100.5	1951.69128	1989.67480	10.2	11.8	3246-01142-1
1015	00	05	17.69	-67	49	57.3	0.57	191.92	15.8	Ts	00	05	17	-67	49	42	0.540	198.1	1977.77942	1987.72876	8.6	9.8	9134-01936-1
1016	00	05	41.16	45	48	36.4	0.95	107.98	13.4	dms	00	05	40	45	48	42	0.894	100.5	1951.69128	1989.67480	8.9	10.1	——
1017	00	05	41.11	45	48	38.0	0.93	106.21	12.3	dms	00	05	40	45	48	42	0.894	100.5	1951.69128	1989.67480	9.1	10.3	——
1018	00	05	55.62	-61	04	13.7	0.54	87.30	58.0	P	00	06	3	-61	04	36	0.542	87.3	1975.83411	——	14.1	15.6	——
1019	00	06	19.40	-65	50	28.9	0.75	158.07	77.8		00	06	13	-65	51	36	0.593	160.6	1977.86694	1993.63562	13.1	14.6	——
1020	00	06	19.18	-49	04	30.7	0.58	93.72	11.6	Tds	00	06	18	-49	04	30	0.561	93.6	1982.86694	1996.61475	5.8	6.3	8025-00341-1
1021	00	06	19.30	-49	04	30.9	0.67	90.39	13.8	cdms	00	06	18	-49	04	36	0.561	93.6	1982.86694	1996.61475	11.6	—	——
1022	00	07	59.24	08	00	17.4	0.64	209.71	7.5		00	07	59	08	00	24	0.546	222.4	1955.86072	1991.69678	12.2	13.9	——
1023	00	08	21.10	-15	11	43.4	0.59	147.42	4.8		00	08	21	-15	11	48	0.532	146.7	1983.53906	1995.65759	14.2	15.8	——
1024	00	08	28.14	00	03	0.8	0.60	149.92	5.6		00	08	28	00	03	6	0.586	147.8	1951.60938	1991.81921	18.0	20.2	——
1025	00	08	59.60	-25	07	16.4	0.55	91.30	8.3	P	00	08	59	-25	07	18	0.547	91.3	1977.55542	——	11.5	13.6	——
1026	00	09	04.37	-27	07	19.8	0.69	82.94	9.4	T	00	09	5	-27	07	24	0.683	83.7	1977.55542	1990.79175	11.8	14.9	6415-01134-1
1027	00	09	10.83	59	08	56.9	0.64	109.17	3.3	s	00	09	11	59	09	0	0.557	108.7	1954.74878	1992.72754	2.4	2.7	——
1028	00	09	35.65	31	08	43.9	0.52	216.41	4.9	d	00	09	36	31	08	42	0.520	220.8	1954.83057	1989.82507	16.9	16.7	——
1029	00	09	39.50	31	08	51.3	0.49	217.89	7.2	d	00	09	40	31	08	48	0.520	220.8	1954.83057	1989.82507	12.7	14.6	——
1030	00	09	51.95	-39	58	33.9	0.72	143.00	11.6	P	00	09	51	-39	58	30	0.724	143.0	1977.70569	——	15.1	—	——
1031	00	10	10.09	13	27	18.0	0.51	218.80	15.9		00	10	9	13	27	18	0.556	219.2	1949.88257	1995.58459	16.1	17.6	——
1032	00	11	0.81	04	20	25.2	0.55	165.77	5.6		00	11	1	04	20	30	0.551	164.5	1955.86072	1991.69946	17.4	19.4	——
1033	00	11	35.99	-05	28	52.7	0.76	96.41	7.3	B	00	11	36	-05	29	0	0.552	80.7	1982.78772	1989.89038	13.4	15.2	——
1034	00	11	42.93	-26	49	34.5	0.76	116.18	63.2		00	11	40	-26	50	24	0.560	99.2	1977.55542	1990.79175	14.3	15.8	——
1035	00	11	45.25	-20	56	24.9	0.64	88.60	65.5	P	00	11	42	-20	57	12	0.636	88.6	1977.84229	——	17.7	20.5	——
1036	00	11	41.65	-39	13	47.9	0.75	99.64	7.1	T	00	11	42	-39	13	42	0.685	101.8	1977.70569	1989.65759	10.1	11.4	7523-00138-1
1037	00	11	56.54	33	03	16.1	0.66	232.11	31.2		00	11	59	33	03	12	0.695	235.9	1954.83057	1991.77332	12.4	13.7	——
1038	00	12	14.94	50	25	20.1	0.71	216.47	2.2		00	12	15	50	25	18	0.718	216.0	1953.75159	1991.68591	14.2	14.3	——
1039	00	12	47.18	54	39	44.8	1.01	52.45	10.6		00	12	46	54	39	42	0.980	51.3	1952.95117	1990.71863	13.0	14.5	——
1040	00	13	15.06	69	19	36.8	0.77	112.19	0.8	H	00	13	15	69	19	36	0.772	113.9	1952.63232	1992.74390	13.3	—	1068A
1041	00	13	36.76	32	09	7.7	0.65	85.02	9.8		00	13	36	32	09	6	0.617	83.6	1954.83057	1989.82507	13.8	14.9	——
1042	00	13	46.68	-04	57	39.0	0.77	116.44	18.1	Bb	00	13	46	-04	57	24	0.619	106.5	1983.53088	1989.89038	16.9	18.6	——
1043	00	13	49.55	35	37	5.1	0.51	199.51	5.6		00	13	50	35	37	6	0.504	201.2	1954.75977	1991.77332	14.1	16.1	——
1044	00	14	12.75	-13	11	0.7	0.93	223.04	3.7		00	14	13	-13	11	0	0.911	217.7	1983.76599	1995.65759	15.6	15.9	——
1045	00	14	22.64	-26	03	15.3	0.60	121.80	9.2	P	00	14	22	-26	03	12	0.602	121.8	1977.69482	——	14.7	16.0	——
1046	00	14	44.66	-20	38	32.0	0.55	106.20	9.5	P	00	14	44	-20	38	30	0.552	106.2	1977.76318	——	14.4	15.9	——
1047	00	15	27.98	-16	08	2.0	0.88	142.25	2.0		00	15	28	-16	08	0	0.863	133.6	1983.76599	1995.65759	10.0	12.2	——
1048	00	15	33.49	-35	11	47.6	1.03	97.62	6.0		00	15	33	-35	11	48	0.959	101.8	1978.81238	1996.75684	13.7	15.2	——
1049	00	15	43.73	-67	59	40.6	0.72	118.52	18.4	d	00	15	47	-67	59	42	0.628	103.8	1977.77942	1987.72876	13.9	15.4	——
1050	00	15	49.34	13	33	22.1	0.70	58.85	9.8		00	15	50	13	33	24	0.695	62.7	1949.88257	1988.79016	12.2	13.9	——
1051	00	15	51.81	-67	59	56.6	0.73	118.52	23.8	d	00	15	56	-68	00	0	0.628	103.8	1977.77942	1987.72876	11.7	13.2	——
1052	00	16	56.33	05	07	25.0	0.67	189.58	7.0		00	16	56	05	07	30	0.635	185.0	1955.86072	1990.78699	12.5	14.4	——
1053	00	17	06.38	40	56	53.9	0.57	81.87	4.3	Ts	00	17	6	40	56	54	0.562	79.7	1954.75684	1989.74866	9.1	10.7	2786-00906-1
1054	00	17	20.36	29	10	57.4	0.80	62.06	5.4		00	17	20	29	11	0	0.791	57.5	1954.83057	1990.80884	10.7	13.1	——
1055	00	17	32.46	12	17	58.0	0.46	91.19	8.8		00	17	33	12	17	54	0.504	95.5	1949.88257	1991.77881	17.2	18.7	——
1056	00	17	32.46	12	17	58.0	0.47	90.78	8.8		00	17	33	12	17	54	0.504	95.5	1949.88257	1991.78418	18.2	19.7	——
1057	00	19	17.28	-19	54	30.8	0.54	101.49	10.2	HP	00	19	18	-19	54	30	0.544	100.6	1977.76318	——	12.6	—	1546
1058	00	19	27.53	04	50	28.6	0.60	235.70	8.0		00	19	27	04	50	30	0.572	235.0	1953.93188	1990.78699	16.6	18.8	——
1059	00	19	34.52	-04	32	0.8	0.57	167.90	7.8	P	00	19	34	-04	32	0	0.566	167.9	1983.53088	——	17.5	19.0	——
1060	00	21	16.62	18	43	54.4	0.74	98.49	23.0		00	21	15	18	43	54	0.696	97.4	1953.91003	1990.63391	15.7	17.7	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1061	00	21	19.62	-45	44	47.2	0.82	175.14	23.7	T	00	21	21	-45	45	6	0.791	174.2	1977.62646	1996.61743	10.7	12.1	8023-01110-1
1062	00	21	54.10	38	16	28.0	0.73	118.88	2.3		00	21	54	38	16	30	0.686	116.8	1951.75696	1989.74866	12.2	13.5	——
1063	00	22	56.70	-52	31	35.6	0.53	165.96	17.1		00	22	58	-52	31	48	0.506	165.7	1978.81775	1993.69312	9.7	10.8	——
1064	00	23	18.55	-50	53	39.8	0.56	97.51	58.1		00	23	18	-50	52	42	0.555	91.5	1975.81775	1993.69312	11.5	13.0	——
1065	00	23	28.83	77	11	21.6	0.84	273.06	8.1	Td	00	23	31	77	11	18	0.800	273.0	1954.72412	1992.75488	11.7	13.3	4496-00012-1
1066	00	23	32.12	77	11	25.0	0.64	278.16	6.3	dm	00	23	34	77	11	24	0.800	273.0	1954.72412	1992.75488	14.2	15.7	——
1067	00	24	25.93	-27	01	36.4	0.67	82.81	1.0	Tcs	00	24	26	-27	01	36	0.675	82.5	1977.69482	1991.67395	8.0	9.1	6417-00161-1
1068	00	24	34.96	30	02	28.2	0.61	92.40	12.6		00	24	34	30	02	30	0.605	90.2	1954.75696	1990.80884	13.4	15.1	——
1069	00	24	39.34	-20	54	11.0	0.57	212.00	99.7	P	00	24	41	-20	55	48	0.570	212.0	1977.76318	——	18.3	20.6	——
1070	00	24	44.33	-27	08	25.5	0.56	353.79	52.8		00	24	41	-27	08	54	0.614	354.9	1977.69482	1991.67395	14.4	16.0	——
1071	00	24	44.82	-51	02	37.9	0.60	115.02	4.4	Tcs	00	24	45	-51	02	42	0.621	115.7	1975.81775	1993.69312	6.9	7.5	8029-00999-1
1072	00	25	8.41	-39	48	33.4	0.55	114.82	5.4		00	25	8	-39	48	36	0.543	110.5	1977.68665	1989.65759	14.7	—	——
1073	00	25	20.69	22	53	9.2	0.58	201.02	5.2		00	25	21	22	53	12	0.520	204.7	1954.66406	1989.89075	13.3	15.0	——
1074	00	25	51.11	-07	48	9.6	0.79	151.70	16.9	P	00	25	50	-07	48	6	0.794	151.7	1983.76855	——	18.2	20.6	——
1075	00	26	0.52	-19	18	51.8	0.61	178.20	7.7	P	00	26	0	-19	18	54	0.615	178.2	1977.76318	——	14.0	15.8	——
1076	00	26	38.00	-55	25	24.0	0.58	211.80	—	NPW	00	26	38	-55	25	24	0.580	211.8	1978.81775	——	14.8	14.6	——
1077	00	26	46.32	-32	19	56.1	0.52	116.30	4.6	d	00	26	46	-32	19	54	0.505	121.0	1978.81238	1996.75684	14.7	15.8	——
1078	00	26	50.12	-32	20	15.6	0.54	115.17	14.4	d	00	26	49	-32	20	18	0.505	121.0	1978.81238	1996.75684	11.7	12.8	——
1079	00	26	57.60	08	05	9.3	0.57	136.15	6.5		00	26	58	08	05	12	0.528	131.0	1953.93188	1991.77881	12.6	14.4	——
1080	00	27	20.00	-21	22	42.0	0.58	115.10	—	NP	00	27	20	-21	22	42	0.580	115.1	1977.76318	——	15.9	17.4	——
1081	00	27	45.91	16	43	14.7	0.52	125.26	3.6		00	27	46	16	43	18	0.515	121.2	1953.91003	1988.79016	15.7	17.3	——
1082	00	27	49.93	-06	29	9.9	0.97	163.05	2.4	TP	00	27	50	-06	29	12	0.960	163.4	1983.53088	——	11.7	14.3	4671-01011-1
1083	00	27	59.25	30	06	34.5	0.56	243.60	3.6		00	27	59	30	06	36	0.571	247.4	1954.75696	1990.80884	15.7	17.4	——
1084	00	28	39.41	-06	39	49.6	0.87	202.30	8.9	P	00	28	40	-06	39	48	0.870	202.3	1983.53088	——	11.6	13.3	——
1085	00	28	54.64	18	38	47.1	0.62	110.18	9.1		00	28	54	18	38	48	0.584	108.4	1953.91003	1990.63391	17.3	18.9	——
1086	00	28	59.37	-09	34	45.6	0.67	150.70	20.4	Pd	00	28	58	-09	34	48	0.665	150.7	1983.76855	——	13.7	15.2	——
1087	00	29	0.26	-09	35	31.5	0.67	150.70	19.2	Pd	00	28	59	-09	35	36	0.665	150.7	1983.76855	——	14.4	15.9	——
1088	00	31	14.06	53	04	44.0	0.89	56.40	68.7		00	31	13	53	03	36	0.938	51.9	1954.75159	1990.64490	14.5	16.0	——
1089	00	31	23.34	09	36	15.6	0.74	103.06	6.2		00	31	23	09	36	12	0.704	98.6	1953.93188	1991.77881	15.9	17.2	——
1090	00	31	21.62	00	09	27.9	0.57	81.24	22.2	c	00	31	23	00	09	36	0.516	78.0	1952.70569	1987.64209	14.6	16.1	——
1091	00	31	29.25	-06	18	6.1	0.53	97.30	7.0	P	00	31	29	-06	18	12	0.526	97.3	1983.53088	——	13.7	15.7	——
1092	00	31	45.88	-30	47	56.8	0.62	177.01	9.3		00	31	46	-30	48	6	0.521	182.1	1976.88098	1991.67395	13.6	15.2	——
1093	00	32	8.55	-02	53	57.0	1.15	56.04	11.2	Bb	00	32	9	-02	54	6	0.653	76.7	1983.53088	1987.64209	16.7	17.6	——
1094	00	32	15.42	-63	05	28.5	0.54	100.59	10.8	TP	00	32	17	-63	05	30	0.540	99.6	1977.78235	——	9.9	11.4	8844-01522-1
1095	00	32	49.51	-12	20	30.8	0.76	103.15	8.9	Bb	00	32	50	-12	20	36	0.792	123.0	1983.84509	1989.82739	16.4	17.9	——
1095a	00	33	17.73	63	27	49.6	0.62	97.35	4.8		00	33	18	63	27	54	0.632	96.1	1952.70850	1991.71045	15.9	17.5	——
1096	00	33	21.96	-24	25	20.7	0.76	181.96	76.6		00	33	23	-24	26	36	0.703	190.4	1977.69482	1989.73975	14.7	16.2	——
1097	00	33	43.80	-35	00	7.3	0.50	187.04	2.8	Tcdms	00	33	44	-35	00	6	0.514	186.2	1978.81238	1996.75684	6.6	7.3	6994-00696-2
1098	00	33	43.89	-35	00	12.2	0.52	186.66	1.4	Hcdms	00	33	44	-35	00	12	0.514	186.2	1978.81238	1996.75684	8.5	9.4	2663B
1099	00	34	7.83	-23	03	18.4	0.91	82.88	6.1		00	34	8	-23	03	24	0.614	83.0	1977.69482	1989.73975	13.3	14.8	——
1100	00	34	10.72	-16	09	36.1	0.55	208.00	4.0	P	00	34	11	-16	09	36	0.549	208.0	1983.84509	——	17.2	18.7	——
1101	00	34	37.97	71	11	41.1	0.68	123.75	23.8		00	34	35	71	12	0	0.596	120.0	1954.72681	1995.58740	14.4	15.7	——
1102	00	35	17.43	-17	18	51.6	0.57	89.50	6.6	P	00	35	17	-17	18	54	0.575	89.5	1982.85876	——	15.2	15.1	——
1103	00	35	8.04	76	27	51.6	0.53	93.80	56.9	c	00	35	20	76	28	30	0.523	86.3	1954.72412	1992.75488	17.6	19.2	——
1104	00	35	53.43	52	41	11.7	0.82	105.60	8.2	d	00	35	54	52	41	18	0.789	101.8	1954.75159	1995.79785	12.8	14.3	——
1105	00	35	53.76	52	41	35.9	0.82	106.23	12.8	d	00	35	55	52	41	42	0.789	101.8	1954.75159	1995.79785	14.6	16.4	——
1106	00	35	59.98	-09	30	57.0	0.74	186.15	15.4	Bb	00	36	1	-09	31	0	0.572	198.1	1982.86975	1989.82739	10.8	12.6	——
1107	00	36	14.60	-41	57	28.4	0.94	114.92	6.9		00	36	14	-41	57	30	0.745	112.1	1977.68665	1989.65759	16.7	—	——
1108	00	36	24.65	-34	07	3.2	0.48	228.55	5.2		00	36	25	-34	07	6	0.519	234.0	1978.81238	1996.75684	13.7	15.3	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1109	00	36	56.98	-15	37	3.2	0.51	155.30	14.4	P	00	36	56	-15	37	6	0.509	155.3	1983.84509	——	17.7	20.2	——
1110	00	37	22.53	-37	17	17.1	0.55	94.33	6.4	Tcs	00	37	22	-37	17	18	0.537	93.8	1977.68665	1989.65759	7.1	7.9	7000-00319-1
1111	00	37	26.06	51	33	7.1	0.47	267.23	8.8		00	37	27	51	33	6	0.506	260.9	1954.73792	1995.79785	12.4	13.5	——
1112	00	38	31.95	-08	18	33.4	0.55	177.85	15.9	TBb	00	38	33	-08	18	30	0.545	180.1	1982.86975	1989.82739	9.3	9.8	5269-01203-1
1113	00	39	10.61	-04	43	58.0	0.74	142.80	7.1	P	00	39	11	-04	43	54	0.738	142.8	1982.70837	——	14.7	16.0	——
1114	00	39	13.27	03	08	2.1	0.84	69.06	4.6	Tcs	00	39	13	03	08	0	0.830	69.4	1952.70569	1994.60938	7.4	8.1	0013-01473-1
1115	00	39	13.65	-03	02	30.7	0.50	123.80	7.5	P	00	39	14	-03	02	36	0.502	123.8	1982.70837	——	12.2	13.8	——
1116	00	39	21.81	21	15	1.7	0.59	231.24	3.2	Tcs	00	39	22	21	15	0	0.594	231.5	1953.91003	1987.64771	6.0	7.0	1193-02072-1
1117	00	39	34.66	-06	09	38.5	0.50	88.00	20.3	P	00	39	36	-06	09	42	0.500	88.0	1982.70837	——	17.0	18.6	——
1118	00	39	42.17	10	39	13.8	0.56	110.67	41.8	T	00	39	45	10	39	12	0.550	110.7	1953.70789	1990.78430	10.6	11.9	0606-01422-1
1119	00	39	56.22	-30	32	48.7	0.66	145.75	45.1		00	39	53	-30	33	6	0.505	150.2	1978.81494	1988.75415	14.4	15.9	——
1120	00	39	56.13	37	01	57.0	0.62	92.58	13.8		00	39	55	37	01	54	0.554	89.0	1951.75696	1989.74597	14.9	16.0	——
1121	00	39	56.85	-35	18	4.5	0.57	140.67	2.4		00	39	57	-35	18	6	0.553	140.3	1982.64014	1996.75684	15.6	—	——
1122	00	39	58.83	-44	15	11.6	0.54	114.64	15.2	T	00	39	58	-44	15	24	0.546	115.5	1977.62646	1996.61743	11.6	13.4	7531-01014-1
1123	00	40	25.67	-59	27	16.6	0.99	63.36	5.3	Tcs	00	40	25	-59	27	18	0.995	63.1	1975.69214	1990.78076	6.0	6.6	8472-01356-1
1124	00	40	32.75	-23	48	23.6	0.90	134.71	45.0	bcs	00	40	36	-23	48	18	0.720	117.3	1980.63025	1989.73975	6.4	7.3	——
1125	00	40	49.27	40	11	13.8	0.76	151.86	8.6	TBcs	00	40	50	40	11	12	0.753	152.8	1985.95959	1989.74866	7.4	8.6	2801-00583-1
1126	00	41	26.09	-22	21	4.2	0.58	219.20	30.0	b	00	41	24	-22	21	12	0.567	229.0	1980.63025	1989.73975	13.9	14.4	——
1127	00	41	47.37	-35	20	48.6	0.83	83.91	7.0		00	41	47	-35	20	54	0.772	81.0	1982.64014	1996.75684	13.0	14.3	——
1128	00	41	57.04	-06	01	14.4	0.57	88.20	29.5	P	00	41	59	-06	01	18	0.570	88.2	1982.70837	——	14.0	15.1	——
1129	00	42	8.99	-52	21	33.9	0.83	119.07	56.1		00	42	9	-52	22	30	0.736	117.4	1978.81775	1993.69312	11.3	12.8	——
1130	00	42	8.09	-26	03	26.5	0.80	147.05	62.5	b	00	42	12	-26	04	0	0.679	139.5	1980.63025	1989.73975	15.1	16.6	——
1131	00	43	1.90	-21	45	27.2	0.06	98.76	59.0	Bbd	00	43	6	-21	45	42	0.505	83.3	1982.85876	1989.73975	16.7	15.7	——
1132	00	43	3.12	-21	45	12.1	0.08	119.50	55.4	Bbd	00	43	7	-21	45	24	0.505	83.4	1982.85876	1989.73975	17.1	18.0	——
1133	00	43	22.86	00	31	29.4	0.73	92.98	27.9	Bb	00	43	21	00	31	30	0.520	76.9	1982.85059	1987.72974	14.6	16.1	——
1134	00	43	25.40	-41	17	39.3	1.10	224.81	7.3		00	43	26	-41	17	42	0.744	222.5	1976.89185	1990.72876	12.4	14.0	——
1135	00	43	31.57	20	54	30.0	0.73	106.87	8.0		00	43	31	20	54	30	0.666	105.9	1953.91003	1987.64771	18.7	21.2	——
1136	00	43	46.91	27	31	58.8	0.58	75.35	5.0		00	43	47	27	31	54	0.561	89.7	1954.66406	1987.74329	16.2	17.7	——
1137	00	44	20.75	09	07	33.3	0.83	90.48	11.4		00	44	20	09	07	36	0.809	91.5	1953.83081	1990.78430	13.3	14.9	——
1138	00	44	32.22	29	54	23.5	0.67	131.63	10.2		00	44	33	29	54	24	0.612	130.2	1954.75696	1990.81433	12.8	13.7	——
1139	00	44	39.27	-65	38	58.3	0.76	167.97	8.9	TPW	00	44	38	-65	38	54	0.759	169.1	1977.78235	——	6.6	7.3	8847-00598-1
1140	00	44	59.30	-15	16	17.8	0.66	151.80	24.6	P	00	45	1	-15	16	18	0.662	151.8	1983.84509	——	13.0	14.6	——
1141	00	45	04.90	01	47	7.9	0.57	184.78	2.4	TBbcs	00	45	5	01	47	6	0.563	184.6	1982.85059	1987.72974	8.1	9.3	0011-00343-1
1142	00	45	52.55	26	46	56.3	0.73	82.31	7.7		00	45	52	26	46	54	0.691	88.6	1954.66406	1987.74329	16.4	17.9	——
1143	00	45	55.23	-42	47	44.1	0.70	126.86	4.6		00	45	55	-42	47	48	0.775	122.2	1979.70581	1996.61743	14.8	—	——
1144	00	46	8.65	-30	48	17.6	0.59	121.12	21.4		00	46	10	-30	48	30	0.521	122.2	1978.81494	1988.75415	13.0	14.5	——
1145	00	46	13.29	33	50	8.9	0.95	97.38	16.4		00	46	12	33	50	12	0.886	92.5	1951.75696	1989.74597	16.4	17.9	——
1146	00	46	20.50	-19	24	44.8	0.56	64.10	7.8	P	00	46	20	-19	24	48	0.563	64.1	1982.85876	——	18.2	21.0	——
1147	00	46	23.00	-14	51	15.9	0.77	196.40	15.0	P	00	46	24	-14	51	12	0.773	196.4	1983.84509	——	15.6	17.3	——
1148	00	46	50.40	-38	40	42.0	0.82	187.72	7.7		00	46	50	-38	40	36	0.736	191.6	1976.89185	1990.72876	14.4	—	——
1149	00	46	52.06	03	57	45.0	0.84	127.27	3.2		00	46	52	03	57	48	0.816	124.2	1953.83081	1994.60938	15.6	17.1	——
1150	00	46	57.35	18	00	4.0	0.77	141.15	9.5		00	46	58	18	00	6	0.722	140.0	1953.99756	1987.64771	15.3	17.2	——
1151	00	47	55.35	47	44	32.4	0.93	125.44	36.9		00	47	59	47	44	30	0.925	126.3	1954.73792	1989.75964	14.6	17.3	——
1152	00	48	31.69	-14	19	53.2	0.53	60.10	6.8	P	00	48	32	-14	19	48	0.533	60.1	1983.84509	——	15.1	16.4	——
1153	00	48	50.89	35	51	21.1	0.56	167.00	11.2		00	48	50	35	51	24	0.536	172.3	1951.75696	1989.74597	14.3	15.8	——
1154	00	49	26.77	-23	12	44.9	0.53	76.48	4.4	TBbcs	00	49	27	-23	12	48	0.529	77.8	1980.63025	1989.73975	7.2	8.1	6421-00822-1
1155	00	50	1.12	-54	32	4.7	0.53	34.20	44.0	P	00	50	2	-54	32	48	0.530	34.2	1978.81775	——	12.5	14.0	——
1156	00	50	27.00	23	56	50.4	0.91	102.38	2.4		00	50	27	23	56	48	0.874	104.4	1953.77893	1987.74329	13.9	15.0	——
1157	00	51	3.68	-14	11	8.4	1.03	150.51	10.2	b	00	51	3	-14	11	6	0.806	152.8	1983.84509	1991.67676	19.0	21.0	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1158	00	51	10.90	-20	27	56.2	0.74	126.10	15.9	P		00	51	12	-20	28	0	0.740	126.1	1982.85876	——	16.4	17.0	——
1159	00	51	34.02	-22	54	36.2	0.67	114.16	5.8	Tds		00	51	34	-22	54	42	0.678	113.5	1980.63025	1989.73975	9.1	10.7	6422-01073-1
1160	00	51	34.23	-22	54	34.7	0.80	102.28	10.7	dms		00	51	35	-22	54	36	0.678	113.5	1980.63025	1989.73975	15.8	17.2	——
1161	00	51	52.89	37	50	19.8	0.64	104.64	11.4			00	51	52	37	50	24	0.612	103.6	1951.83899	1986.90735	14.1	15.4	——
1162	00	51	57.00	37	51	13.6	0.62	106.44	12.7	d		00	51	56	37	51	18	0.612	103.6	1951.83899	1986.90735	14.7	16.0	——
1163	00	53	01.14	-30	21	24.9	0.62	87.07	2.0	Ts		00	53	1	-30	21	24	0.619	86.4	1978.81494	1988.75415	7.3	8.3	6998-01282-1
1164	00	54	14.93	-50	35	41.0	0.62	86.48	59.8			00	54	10	-50	36	18	0.592	80.5	1975.68945	1990.79175	12.0	13.5	——
1165	00	55	33.56	-26	00	21.4	0.69	100.59	10.4	b		00	55	34	-26	00	30	0.589	93.2	1980.63025	1989.73975	13.6	15.1	——
1166	00	55	44.36	25	06	24.6	0.62	87.00	4.9			00	55	44	25	06	24	0.580	87.8	1953.77893	1987.74329	17.7	20.6	——
1167	00	56	16.00	69	02	36.0	0.72	107.00	—	1N		00	56	16	69	02	36	0.722	107.0	1954.74890	1995.58740	9.3	10.6	——
1168	00	56	38.52	17	27	32.9	0.81	114.93	8.1			00	56	38	17	27	36	0.728	113.9	1953.99756	1990.96460	12.7	14.4	——
1169	00	57	2.82	45	05	9.2	0.64	95.96	3.8			00	57	3	45	05	6	0.642	94.9	1952.80664	1989.75964	12.2	13.5	——
1170	00	58	32.55	62	48	37.7	0.71	68.91	17.6			00	58	30	62	48	36	0.671	67.2	1952.70850	1991.71057	15.2	16.3	——
1171	00	58	45.16	-31	27	18.3	0.85	133.76	6.1	b		00	58	45	-31	27	24	0.629	131.6	1978.81494	1988.75415	13.7	15.2	——
1172	00	59	39.03	22	51	35.5	0.64	128.53	14.2			00	59	38	22	51	36	0.622	132.2	1953.77893	1990.81165	13.3	15.0	——
1173	01	00	19.68	32	24	37.5	0.87	114.72	4.3			01	00	20	32	24	36	0.868	111.4	1952.71118	1989.82251	16.4	17.9	——
1174	01	00	24.81	17	11	26.3	0.97	125.01	11.8			01	00	24	17	11	24	0.923	123.3	1953.99756	1990.96460	16.4	17.9	——
1175	01	01	17.73	29	01	58.9	0.59	76.85	9.6			01	01	17	29	02	0	0.568	74.4	1952.71118	1989.82251	13.0	14.6	——
1176	01	01	19.56	61	22	0.4	0.79	159.40	12.2	P		01	01	19	61	22	12	0.790	159.4	1952.70850	——	10.3	12.0	——
1177	01	01	22.17	-31	04	52.0	0.68	106.20	37.2			01	01	25	-31	05	0	0.541	99.3	1977.62927	1988.75415	17.7	19.3	——
1178	01	02	7.72	-67	39	26.0	0.99	111.23	66.8			01	02	18	-67	38	54	0.865	97.0	1975.83154	1989.72876	13.6	15.1	——
1179	01	02	38.87	62	20	42.2	0.74	83.10	13.0	TPW		01	02	37	62	20	42	0.686	84.3	1952.70850	——	9.7	11.5	4021-01115-1
1180	01	03	14.17	20	05	52.1	0.67	86.46	16.6	Tdm		01	03	13	20	05	54	0.644	86.2	1953.99756	1991.62854	12.2	14.2	1195-00960-3
1181	01	03	14.17	20	05	52.1	0.67	86.46	16.6	Tdm		01	03	13	20	05	54	0.644	86.2	1953.99756	1991.62854	12.2	14.2	1195-00960-3
1182	01	03	14.68	71	13	12.4	0.53	97.98	6.5			01	03	14	71	13	18	0.523	93.7	1954.72705	1995.58740	14.1	15.7	——
1183	01	03	19.86	62	21	56.7	0.73	82.50	13.4	P		01	03	18	62	22	0	0.727	82.5	1952.70850	——	13.0	15.1	——
1184	01	03	29.27	06	30	43.2	0.64	115.14	4.2			01	03	29	06	30	42	0.616	113.4	1953.83081	1995.72949	16.0	17.5	——
1185	01	04	5.93	39	38	14.7	0.69	80.50	2.8			01	04	6	39	38	12	0.646	77.8	1951.83899	1986.90735	12.8	14.7	——
1186	01	04	06.13	-34	40	28.9	0.70	112.32	23.1	TPs		01	04	8	-34	40	30	0.713	111.5	1980.52942	——	10.3	11.3	7001-01537-1
1187	01	04	16.45	19	22	0.5	0.96	94.84	6.4			01	04	16	19	22	0	0.946	94.4	1953.99756	1991.62854	16.9	18.5	——
1188	01	04	40.15	-39	29	17.6	0.55	197.68	12.5	Ts		01	04	40	-39	29	30	0.577	168.5	1976.89185	1990.72876	7.8	8.5	7533-01111-1
1189	01	04	44.12	-02	04	4.0	0.78	129.56	13.8	Bb		01	04	45	-02	04	0	0.526	130.2	1982.55005	1990.65869	17.1	18.4	——
1190	01	05	3.59	-06	23	3.1	0.62	86.11	6.8			01	05	4	-06	23	0	0.545	87.8	1982.88354	1995.79724	16.7	18.2	——
1191	01	05	12.31	-39	00	28.8	0.88	152.39	3.8			01	05	12	-39	00	30	0.815	157.8	1976.89185	1990.72876	12.8	14.6	——
1192	01	05	52.39	-34	34	49.8	0.57	93.30	17.7	P		01	05	51	-34	34	54	0.572	93.3	1980.52942	——	15.4	—	——
1193	01	06	47.43	-50	59	22.0	0.49	88.56	9.0	Ts		01	06	47	-50	59	30	0.527	96.9	1975.68945	1990.79175	8.9	10.0	8038-00706-1
1194	01	07	21.85	-42	48	23.7	1.08	207.69	29.5			01	07	24	-42	48	6	0.500	89.4	1979.70581	1990.72876	15.7	—	——
1195	01	07	47.76	14	01	12.9	0.54	116.57	3.6			01	07	48	14	01	12	0.535	114.0	1952.94287	1990.96460	15.3	16.8	——
1196	01	07	49.05	-42	46	26.2	0.97	231.47	33.5	m		01	07	52	-42	46	18	0.707	104.0	1979.70581	1990.72876	15.1	—	——
1197	01	08	18.28	-28	48	20.3	0.71	100.40	10.2	P		01	08	19	-28	48	24	0.714	100.4	1977.62927	——	13.1	14.6	——
1198	01	08	27.30	63	30	55.7	1.06	94.51	16.0			01	08	25	63	31	0	0.996	95.1	1952.70850	1991.71057	11.3	12.4	——
1199	01	08	40.36	17	14	33.4	0.59	185.62	15.5	T		01	08	40	17	14	48	0.583	187.6	1954.76257	1990.96460	10.9	12.4	1196-01334-1
1200	01	08	48.22	15	15	19.1	0.53	144.93	18.3			01	08	47	15	15	24	0.549	139.6	1952.94287	1990.96460	17.0	16.5	——
1201	01	08	46.57	-37	10	23.1	0.70	223.01	5.2	b		01	08	47	-37	10	24	0.694	229.6	1980.52942	1990.72876	15.6	—	——
1202	01	09	17.00	-72	10	60.0	0.73	55.30	—	BNb		01	09	17	-72	11	0	0.729	55.3	1985.96252	1989.72876	12.1	13.6	——
1203	01	09	29.08	-05	07	26.3	0.78	80.90	2.6	dm		01	09	29	-05	07	24	0.814	91.5	1982.88354	1995.79724	15.1	16.6	——
1204	01	09	31.34	21	37	42.0	0.53	164.44	19.6			01	09	30	21	37	48	0.553	165.2	1954.76257	1991.62854	13.3	14.9	——
1205	01	09	29.42	-05	07	32.1	0.92	92.98	8.9	cdm		01	09	30	-05	07	30	0.814	91.5	1982.88354	1995.79724	15.3	16.9	——
1206	01	09	43.06	61	32	50.2	0.63	83.10	7.1	Ts		01	09	44	61	32	48	0.622	83.8	1952.70850	1991.69971	7.8	8.6	4030-00110-1

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1207	01	09	56.48	-30	08	53.0	0.86	193.30	25.7	P	01	09	56	-30	09	18	0.857	193.3	1977.62927	——	13.6	14.9	——
1208	01	10	22.89	-67	26	41.8	0.70	33.66	51.1	T	01	10	14	-67	26	42	0.718	34.0	1975.83154	1989.72876	10.0	11.7	8855-00238-1
1209	01	11	8.18	68	26	11.7	0.53	130.16	1.0		01	11	8	68	26	12	0.501	132.3	1954.74890	1995.58740	15.5	17.1	——
1210	01	11	8.58	-05	57	54.1	0.79	73.59	6.3		01	11	9	-05	57	54	0.711	72.8	1982.88354	1995.79724	14.1	15.4	——
1211	01	11	47.98	32	51	24.4	0.57	132.80	0.5		01	11	48	32	51	24	0.537	138.1	1952.71118	1991.75708	15.8	17.3	——
1212	01	11	55.66	04	55	3.7	0.69	146.04	5.6	d	01	11	56	04	55	6	0.623	146.4	1954.68054	1995.72949	12.2	13.9	——
1213	01	11	58.05	04	54	11.1	0.69	146.50	5.1	d	01	11	58	04	54	6	0.623	146.4	1954.68054	1995.72949	13.1	15.0	——
1214	01	12	12.87	45	56	32.2	0.63	197.99	2.6		01	12	13	45	56	30	0.607	201.7	1953.78442	1989.75964	15.9	17.5	——
1215	01	13	45.16	-43	25	17.4	0.77	185.90	5.6	P	01	13	45	-43	25	12	0.770	185.9	1979.87524	——	16.5	—	——
1216	01	14	2.11	-01	22	38.2	0.55	198.95	13.9		01	14	3	-01	22	42	0.507	204.2	1954.83081	1990.63953	16.1	17.6	——
1217	01	14	16.34	-36	58	23.1	0.74	61.10	109.5	P	01	14	9	-36	57	18	0.745	61.1	1980.52942	——	12.9	14.5	——
1218	01	14	40.50	44	28	46.1	0.92	95.37	5.7		01	14	40	44	28	48	0.909	95.4	1952.80664	1989.75146	16.9	18.7	——
1219	01	15	4.71	-01	33	17.6	0.85	99.40	10.7	Bb	01	15	4	-01	33	18	0.631	87.8	1983.84241	1990.63953	17.3	17.9	——
1220	01	15	11.12	-45	31	54.0	0.69	75.05	1.3	TPWc	01	15	11	-45	31	54	0.684	74.4	1979.87524	——	5.0	5.6	8033-01232-1
1221	01	15	13.48	22	40	49.9	0.56	152.78	7.8		01	15	13	22	40	54	0.519	148.8	1954.74072	1991.62854	14.8	16.1	——
1222	01	15	40.01	03	26	11.9	0.70	90.03	0.2		01	15	40	03	26	12	0.648	89.8	1954.83081	1987.65051	16.9	18.4	——
1223	01	16	42.44	37	20	49.5	0.58	114.92	5.5		01	16	42	37	20	48	0.526	114.3	1951.83899	1991.75708	17.2	18.5	——
1224	01	17	25.07	-26	03	34.5	0.50	143.50	1.7	P	01	17	25	-26	03	36	0.503	143.5	1982.63477	——	14.1	15.4	——
1225	01	17	34.03	-15	30	12.0	0.56	149.55	6.0	TPW	01	17	34	-15	30	6	0.541	147.7	1982.64026	——	9.9	10.9	5851-01626-1
1226	01	17	53.26	05	28	26.2	0.64	171.80	11.3	T	01	17	54	05	28	24	0.649	171.3	1954.68054	1987.65051	11.2	12.6	0026-00880-1
1227	01	18	0.14	16	10	19.1	0.68	180.08	5.3		01	18	0	16	10	24	0.653	181.7	1954.76257	1989.84167	13.4	13.5	——
1228	01	18	16.01	-12	53	59.2	0.70	165.36	59.7	TBb	01	18	20	-12	54	12	0.696	165.8	1982.64026	1989.74243	11.9	13.6	5276-01039-1
1229	01	18	40.20	00	52	25.3	0.68	100.70	5.6	Bbgs	01	18	40	00	52	30	0.505	121.5	1983.84241	1983.84241	11.3	12.4	——
1230	01	18	41.18	00	52	4.6	0.48	130.09	3.0	Bbgs	01	18	41	00	52	6	0.505	121.5	1983.84241	1990.63953	7.8	8.9	——
1231	01	18	59.99	-08	56	22.2	0.51	206.82	1.8	TBs	01	19	0	-08	56	24	0.501	203.5	1982.71667	1989.74243	8.9	9.6	5274-00870-1
1232	01	19	22.32	-27	36	23.7	0.63	196.90	21.4	P	01	19	21	-27	36	36	0.628	196.9	1977.62927	——	14.3	16.0	——
1233	01	19	32.08	-14	15	26.6	0.61	197.10	28.0	P	01	19	34	-14	15	24	0.614	197.1	1982.64026	——	16.7	17.0	——
1234	01	20	40.76	57	19	40.4	0.52	326.31	7.8	T	01	20	41	57	19	48	0.553	323.1	1954.00842	1990.79260	10.5	12.1	3678-01453-1
1235	01	21	22.04	-17	50	11.8	0.80	181.30	0.6	P	01	21	22	-17	50	12	0.796	181.3	1980.78296	——	15.3	16.8	——
1236	01	21	28.25	31	20	26.0	0.54	99.68	18.9	Bdms	01	21	27	31	20	36	0.527	103.6	1949.97290	1989.82251	13.0	14.5	——
1237	01	21	28.20	31	20	25.1	0.55	102.01	11.2	Bds	01	21	28	31	20	36	0.527	103.6	1949.97290	1989.82251	9.5	10.6	——
1238	01	21	52.71	-17	28	58.5	0.52	176.90	56.4	P	01	21	52	-17	29	54	0.517	176.9	1980.78296	——	13.5	14.6	——
1239	01	22	17.92	18	40	57.9	0.57	90.18	143.3		01	22	28	18	40	54	0.541	91.2	1954.76257	1990.71606	7.9	8.5	——
1240	01	22	45.08	00	32	3.4	0.64	184.65	2.9	Bbdm	01	22	45	00	32	6	0.567	202.4	1983.84241	1990.63953	13.1	14.7	——
1241	01	22	45.09	00	32	3.4	0.65	183.89	3.0	Bbdm	01	22	45	00	32	6	0.567	202.4	1983.84241	1990.63953	14.1	15.6	——
1242	01	23	56.68	35	10	13.9	0.61	96.96	9.3		01	23	56	35	10	18	0.611	96.7	1954.66431	1991.75708	15.2	16.5	——
1243	01	24	3.83	-42	40	37.9	0.54	155.20	2.6	P	01	24	4	-42	40	36	0.538	155.2	1979.87524	——	14.7	—	——
1244	01	24	25.23	40	24	2.2	0.71	102.30	48.4	P	01	24	21	40	24	0	0.712	102.3	1953.70801	——	17.3	17.5	——
1245	01	24	22.11	-44	08	10.8	0.46	215.38	10.7	TP	01	24	23	-44	08	6	0.504	208.1	1979.87524	——	12.4	13.9	7547-00747-1
1246	01	24	54.09	18	29	58.4	0.64	110.52	2.0	cs	01	24	54	18	30	0	0.580	107.1	1954.76257	1990.71606	9.1	10.3	——
1247	01	25	24.41	-26	00	43.3	0.55	156.80	29.8	P	01	25	25	-26	01	12	0.551	156.8	1983.74963	——	15.1	14.9	——
1248	01	25	32.20	04	19	56.8	0.69	126.31	12.4		01	25	33	04	20	0	0.612	126.2	1954.68054	1987.65051	16.3	16.4	——
1249	01	25	38.04	-29	11	3.0	0.56	101.10	9.0	P	01	25	38	-29	11	12	0.564	101.1	1977.92175	——	13.7	15.5	——
1250	01	26	30.46	38	31	37.5	0.52	90.70	7.0	P	01	26	30	38	31	42	0.520	90.7	1954.66431	——	17.2	18.7	——
1251	01	27	3.03	-32	18	55.5	0.63	149.55	7.5		01	27	3	-32	18	48	0.546	161.0	1977.71399	1991.90405	13.0	15.1	——
1252	01	28	20.72	02	11	17.1	0.82	109.46	12.8	Bb	01	28	20	02	11	24	0.621	109.4	1983.84241	1990.63953	17.8	21.0	——
1253	01	28	55.13	-29	26	53.8	0.57	218.00	18.3	P	01	28	55	-29	27	12	0.573	218.0	1977.92175	——	14.2	15.7	——
1254	01	28	58.83	82	36	38.5	0.61	138.17	16.6		01	29	3	82	36	24	0.546	138.9	1952.64050	1993.71863	14.9	16.4	——
1255	01	30	37.45	74	30	10.4	0.54	119.33	81.1		01	30	22	74	29	18	0.503	115.0	1954.72705	1995.81433	16.5	18.0	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1256	01	30	51.21	-04	07	29.5	0.67	130.10	3.2	P		01	30	51	-04	07	30	0.665	130.1	1982.78235	——	12.9	14.0	——
1257	01	31	30.91	10	01	28.3	1.00	158.81	13.6			01	31	30	10	01	30	0.957	156.0	1949.88818	1990.65588	15.8	17.3	——
1258	01	31	31.44	50	52	7.2	0.54	102.48	4.3			01	31	31	50	52	6	0.504	104.5	1953.78442	1991.75977	16.4	17.9	——
1259	01	31	46.12	-73	19	36.1	0.62	78.46	35.5			01	31	39	-73	19	54	0.562	70.5	1975.92175	1989.88770	13.0	14.5	——
1260	01	32	21.93	-37	56	51.5	0.56	130.93	13.1			01	32	23	-37	56	48	0.552	137.6	1977.63208	1996.61206	17.5	—	——
1261	01	33	3.29	-16	22	12.7	0.61	126.90	41.5	P		01	33	3	-16	22	54	0.611	126.9	1982.73047	——	16.2	17.7	——
1262	01	33	18.24	-25	44	32.9	0.56	90.50	17.0	P		01	33	17	-25	44	36	0.560	90.5	1983.74963	——	15.2	16.7	——
1263	01	34	28.73	-34	52	59.3	0.57	95.31	3.4			01	34	29	-34	53	0	0.518	92.4	1977.71399	1991.90405	17.5	—	——
1264	01	34	38.63	-26	05	17.8	0.63	157.20	19.3	Pc		01	34	40	-26	05	12	0.626	157.2	1983.74963	——	15.3	16.8	——
1265	01	34	59.00	-09	04	48.0	0.62	192.20	—	BN		01	34	59	-09	04	48	0.618	192.2	1984.59766	1989.74243	18.1	21.2	——
1266	01	35	59.85	41	38	13.1	0.57	92.70	20.8	P		01	35	58	41	38	12	0.570	92.7	1953.70801	——	13.2	15.0	——
1267	01	36	05.85	-61	05	3.5	0.68	186.69	52.2	TPW		01	36	7	-61	04	12	0.626	185.0	1980.76111	——	10.1	10.7	8850-01111-1
1268	01	37	20.82	-49	11	44.4	0.51	76.69	22.9	T		01	37	19	-49	11	30	0.534	75.2	1979.87805	1996.77051	10.6	12.1	8043-00814-1
1269	01	37	50.61	36	08	12.2	0.62	106.99	7.4			01	37	50	36	08	12	0.568	105.7	1954.66431	1989.88269	17.1	18.6	——
1270	01	37	59.38	-04	59	44.9	0.68	121.00	6.4	P		01	37	59	-04	59	42	0.675	121.0	1982.65405	——	12.5	12.6	——
1271	01	38	08.52	-21	09	34.7	0.82	143.39	27.1	TP		01	38	7	-21	09	18	0.816	141.3	1978.68945	——	11.9	12.7	5857-02140-1
1272	01	38	29.94	00	39	5.7	0.54	72.46	0.9	HBb		01	38	30	00	39	6	0.529	72.9	1982.86719	1991.69421	11.6	—	7646
1273	01	38	31.76	-20	30	56.2	0.50	121.80	4.0	P		01	38	32	-20	30	54	0.503	121.8	1978.68945	——	14.5	15.5	——
1274	01	39	14.38	-33	49	5.2	0.66	95.72	4.8			01	39	14	-33	49	6	0.606	93.4	1977.71399	1991.90405	17.4	—	——
1275	01	39	35.97	28	06	39.7	0.52	73.69	3.7	Tcs		01	39	36	28	06	36	0.534	72.6	1951.84460	1991.76257	7.8	8.7	1755-02664-1
1276	01	39	45.91	-01	16	49.8	0.66	101.97	31.4	Bb		01	39	48	-01	16	48	0.531	89.1	1982.86719	1991.69421	14.0	15.3	——
1277	01	40	5.20	55	28	50.8	0.73	123.99	3.6			01	40	5	55	28	54	0.725	126.1	1954.00842	1989.91541	13.5	15.2	——
1278	01	40	34.60	-30	43	42.4	0.60	125.82	20.6	TP		01	40	33	-30	43	42	0.606	122.2	1977.92175	——	11.8	13.2	7003-02210-1
1279	01	41	11.35	-67	41	7.2	0.78	146.48	15.1	cds		01	41	14	-67	41	6	0.572	146.3	1976.66858	1993.84656	12.0	13.5	——
1280	01	41	15.92	30	16	9.4	0.86	111.86	3.6			01	41	16	30	16	6	0.789	108.6	1951.84460	1991.76257	15.3	17.0	——
1281	01	41	14.69	-67	40	37.0	0.56	144.82	13.2	Tds		01	41	16	-67	40	48	0.572	146.3	1976.66858	1993.84656	8.4	9.0	9143-00104-1
1282	01	41	18.40	06	22	13.6	0.61	156.90	56.3	P		01	41	19	06	21	18	0.609	156.9	1949.89380	——	15.0	16.6	——
1283	01	41	37.73	66	54	35.8	0.74	110.97	7.5	Tcs		01	41	39	66	54	36	0.733	109.5	1953.83093	1991.69690	7.8	8.5	4043-00713-1
1284	01	41	47.16	42	36	48.4	0.82	100.69	9.3	Tcs		01	41	48	42	36	48	0.824	100.7	1953.70801	1989.76794	5.0	5.7	2823-02455-1
1285	01	42	6.66	37	23	19.6	0.91	122.15	16.1			01	42	8	37	23	18	0.865	122.7	1954.66431	1989.88269	13.5	14.8	——
1286	01	42	14.91	-17	53	19.6	0.55	87.84	2.1	TPWc		01	42	15	-17	53	18	0.528	82.9	1978.68945	——	7.5	8.2	5855-02289-1
1287	01	42	29.76	20	16	6.7	0.74	204.05	3.4	Tcs		01	42	30	20	16	6	0.734	203.7	1954.89368	1986.69153	5.3	6.3	1211-01733-1
1288	01	42	55.79	-42	12	12.4	0.66	102.24	2.4	T		01	42	56	-42	12	12	0.686	101.5	1977.71130	1996.61206	11.4	13.2	7545-01286-1
1289	01	43	16.12	27	50	31.1	0.66	100.45	15.7			01	43	15	27	50	36	0.502	95.2	1951.84460	1991.76257	10.8	11.9	——
1290	01	43	20.18	04	19	17.9	0.87	208.96	18.7	TB		01	43	19	04	19	24	0.861	209.5	1949.89380	1986.83630	11.3	13.0	0032-01005-1
1291	01	43	40.72	63	49	24.2	0.70	214.19	7.5	Tcs		01	43	40	63	49	30	0.700	213.1	1953.83093	1991.69690	8.5	10.0	4040-00104-1
1292	01	44	58.50	16	20	37.7	0.85	238.12	7.4			01	44	59	16	20	36	0.815	239.7	1954.89368	1990.70789	12.9	14.4	——
1293	01	45	11.99	-32	05	9.7	0.83	80.32	3.7			01	45	12	-32	05	6	0.678	74.4	1977.92175	1994.89038	13.0	14.5	——
1294	01	45	45.40	13	05	58.8	0.71	105.73	41.5			01	45	48	13	05	42	0.698	103.5	1949.88818	1990.70789	18.0	20.8	——
1295	01	46	22.56	-19	53	42.8	0.67	193.10	15.1	P		01	46	22	-19	53	30	0.671	193.1	1978.68945	——	18.1	19.7	——
1296	01	46	54.76	38	12	9.7	0.68	103.64	14.8			01	46	56	38	12	12	0.678	100.3	1954.73804	1989.76794	15.1	16.7	——
1297	01	47	44.84	63	51	9.0	0.63	112.90	8.2	Tcs		01	47	46	63	51	6	0.633	113.2	1953.83093	1991.69690	5.7	6.6	4040-02023-1
1298	01	48	30.20	81	44	27.2	0.59	117.14	28.1			01	48	39	81	44	48	0.533	116.8	1954.89404	1993.71863	18.1	19.8	——
1299	01	49	47.55	26	32	1.2	0.57	134.12	8.8			01	49	47	26	32	6	0.504	133.2	1953.86646	1991.77344	17.7	21.0	——
1300	01	50	19.93	-49	36	41.7	0.49	100.29	38.1			01	50	23	-49	36	18	0.500	99.8	1975.85071	1988.90979	13.0	14.6	——
1301	01	50	50.17	-08	20	38.6	0.79	45.30	9.0	P		01	50	50	-08	20	30	0.787	45.3	1984.59766	——	14.2	15.8	——
1302	01	51	3.99	-06	07	4.1	0.58	113.50	4.1	P		01	51	4	-06	07	0	0.584	113.5	1982.65405	——	13.3	15.6	——
1303	01	51	48.68	-10	48	12.5	0.78	133.42	4.7	HP		01	51	49	-10	48	12	0.793	133.7	1984.59766	——	11.9	—	8691
1304	01	52	0.47	05	45	15.9	0.64	88.32	7.3	B		01	52	0	05	45	18	0.562	90.1	1949.89380	1986.83630	15.0	17.0	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1305	01	52	18.66	-41	35	40.6	0.49	65.03	4.1		01	52	19	-41	35	42	0.501	72.0	1977.71130	1996.61206	11.7	13.0	——
1306	01	52	22.01	-43	41	43.9	0.64	50.34	1.9		01	52	22	-43	41	42	0.575	51.4	1977.61853	1996.61475	12.3	14.0	——
1307	01	52	49.17	-22	26	5.5	0.85	89.97	2.4	TPW	01	52	49	-22	26	6	0.829	89.7	1977.92725	——	9.1	10.8	5858-00074-1
1308	01	52	52.62	50	17	56.7	0.82	124.43	6.8		01	52	52	50	18	0	0.782	125.4	1953.78186	1989.75696	15.2	16.7	——
1309	01	53	10.00	12	48	12.0	0.69	150.10	—		01	53	10	12	48	12	0.694	150.1	1949.88818	1990.88000	14.0	15.5	——
1310	01	53	29.34	73	57	47.2	0.61	107.45	51.6		01	53	17	73	57	54	0.588	107.6	1954.72705	1993.63953	10.9	12.2	——
1311	01	53	50.53	-10	32	13.5	0.69	113.20	7.1	P	01	53	51	-10	32	12	0.688	113.2	1982.62402	——	14.5	16.3	——
1312	01	54	20.20	65	41	52.1	0.62	103.92	2.3	cd	01	54	20	65	41	54	0.589	100.0	1953.83093	1992.74146	15.0	16.7	——
1313	01	54	20.13	65	41	47.4	0.64	102.98	1.0	cd	01	54	20	65	41	48	0.589	100.0	1953.83093	1992.74146	15.2	16.9	——
1314	01	55	57.47	-51	36	31.9	0.74	66.56	6.0	Tcs	01	55	57	-51	36	36	0.734	66.6	1975.85071	1988.90979	3.8	4.8	8047-01321-1
1315	01	56	40.06	-36	14	55.0	0.76	88.87	5.0		01	56	40	-36	15	0	0.744	88.8	1978.88623	1996.61743	12.5	14.0	——
1316	01	56	42.11	-12	51	41.5	0.52	170.30	1.7	P	01	56	42	-12	51	42	0.517	170.3	1982.63489	——	14.3	15.6	——
1317	01	56	53.16	03	31	56.7	0.83	93.10	3.6	cd	01	56	53	03	31	54	0.830	98.4	1953.77356	1986.66699	18.1	21.0	——
1318	01	56	53.56	03	32	1.3	0.77	93.64	6.7	d	01	56	54	03	32	0	0.830	98.4	1953.77356	1986.66699	14.5	15.8	——
1319	01	57	9.81	12	15	35.3	0.74	175.17	7.3		01	57	10	12	15	42	0.665	177.4	1950.61768	1991.68884	14.8	15.9	——
1320	01	58	39.07	-37	27	31.1	0.50	194.77	11.1		01	58	40	-37	27	30	0.500	191.4	1977.71130	1996.61206	16.6	—	——
1321	02	00	17.58	-27	20	18.9	0.87	181.13	7.8		02	00	17	-27	20	18	0.835	184.5	1977.70581	1994.89038	14.6	15.7	——
1322	02	00	28.70	-03	57	23.2	0.63	101.50	4.6	P	02	00	29	-03	57	24	0.629	101.5	1982.70862	——	16.1	17.2	——
1323	02	00	32.13	-40	43	52.5	0.62	134.32	2.1	Tcs	02	00	32	-40	43	54	0.605	134.5	1977.69226	1996.61206	7.4	8.2	7553-00595-1
1324	02	00	43.19	03	59	17.6	0.54	78.18	12.1		02	00	44	03	59	18	0.507	73.5	1954.89648	1986.66699	14.5	16.0	——
1325	02	00	47.26	-10	21	20.8	0.52	223.90	11.3	P	02	00	48	-10	21	18	0.516	223.9	1982.62402	——	12.7	14.4	——
1326	02	02	16.32	10	20	12.9	0.73	245.25	34.2		02	02	14	10	20	12	0.715	246.4	1950.61768	1991.68884	14.8	16.3	——
1327	02	01	54.69	81	10	18.6	0.60	97.13	54.8	c	02	02	18	81	10	30	0.583	94.2	1954.72424	1993.71863	16.8	18.4	——
1328	02	02	48.41	-05	31	34.6	0.57	86.70	6.3	P	02	02	48	-05	31	36	0.571	86.7	1982.70862	——	16.8	18.3	——
1329	02	03	53.16	-28	55	51.0	0.81	125.85	15.5		02	03	52	-28	55	54	0.696	125.8	1977.70581	1994.89038	14.3	15.6	——
1330	02	04	1.41	48	55	36.3	0.66	96.07	4.0		02	04	1	48	55	36	0.609	95.0	1953.78186	1989.75696	14.2	15.9	——
1331	02	04	2.62	-15	53	35.1	0.54	139.80	5.6	P	02	04	3	-15	53	36	0.544	139.8	1982.63489	——	17.6	18.9	——
1332	02	04	27.51	-01	52	57.7	0.83	204.72	7.7	Bb	02	04	28	-01	53	0	0.832	224.2	1984.60046	1986.67786	13.0	15.0	——
1333	02	04	34.95	12	49	43.9	0.57	103.66	2.1		02	04	35	12	49	42	0.539	101.4	1950.61768	1990.88000	13.0	14.6	——
1334	02	04	55.38	-46	06	49.8	0.67	166.86	41.6		02	04	52	-46	07	12	0.591	165.0	1977.61853	1996.61475	14.1	15.6	——
1335	02	04	58.70	22	48	8.2	0.50	133.68	9.1	T	02	04	59	22	48	0	0.503	138.4	1953.77905	1990.86646	9.6	10.8	1758-00486-1
1336	02	05	23.08	-21	52	59.4	0.71	95.62	1.3		02	05	23	-21	53	0	0.649	88.5	1977.93274	1991.90955	16.7	18.5	——
1337	02	05	23.65	-28	04	11.1	0.54	38.93	11.0	Td	02	05	23	-28	04	18	0.548	40.2	1977.70581	1994.89038	11.0	13.0	6432-02332-1
1338	02	05	24.78	-28	03	15.1	0.56	46.23	10.7	d	02	05	24	-28	03	18	0.548	40.2	1977.70581	1994.89038	11.2	12.4	——
1339	02	05	48.71	-30	10	37.4	0.44	278.02	34.0		02	05	51	-30	10	54	0.537	282.2	1977.70581	1994.89038	11.0	12.4	——
1340	02	06	0.28	-06	21	2.7	0.83	99.40	11.1	P	02	06	1	-06	21	0	0.830	99.4	1982.70862	——	16.6	18.1	——
1341	02	06	14.78	18	36	22.4	0.83	86.02	3.5		02	06	15	18	36	24	0.799	81.8	1954.68066	1990.71887	18.0	18.5	——
1342	02	06	22.88	-35	50	43.8	0.46	147.21	10.3		02	06	23	-35	50	54	0.500	152.4	1978.88623	1996.61743	16.9	—	——
1343	02	06	57.21	45	11	4.0	0.52	150.13	16.3	T	02	06	58	45	11	18	0.510	147.9	1953.99768	1989.74329	10.5	12.0	3281-00329-1
1344	02	08	16.49	80	13	14.8	0.59	121.42	19.4		02	08	9	80	13	18	0.584	124.3	1954.72424	1993.71863	12.0	13.1	——
1345	02	08	13.76	49	49	2.4	0.69	142.70	26.8	P	02	08	11	49	49	0	0.689	142.7	1953.91296	——	16.8	18.7	——
1346	02	09	10.90	-16	20	22.5	0.52	81.28	13.6	Tb	02	09	11	-16	20	36	0.556	82.3	1982.63489	1991.93420	11.0	13.6	5859-01512-1
1347	02	09	36.14	-14	21	32.6	0.63	124.00	3.9	Tb	02	09	36	-14	21	36	0.629	123.3	1982.63489	1991.93420	11.8	13.5	5283-01331-1
1348	02	10	4.91	35	25	47.9	0.57	209.63	12.6		02	10	4	35	25	42	0.567	213.0	1954.73804	1989.91821	13.1	14.6	——
1349	02	10	35.62	46	42	3.1	1.03	176.17	7.0		02	10	35	46	42	6	0.991	177.9	1953.91296	1989.67505	14.5	16.6	——
1350	02	11	1.59	78	23	34.6	0.73	116.25	49.5		02	11	18	78	23	36	0.712	115.0	1954.72424	1993.71863	15.3	16.8	——
1351	02	11	18.81	-63	13	43.1	0.62	222.43	28.9		02	11	19	-63	14	12	0.778	242.9	1978.81787	1989.72876	12.0	13.5	——
1352	02	11	59.92	32	21	45.4	0.61	114.46	3.6		02	12	0	32	21	42	0.567	113.6	1954.75989	1989.82532	14.9	16.5	——
1353	02	12	29.19	-08	04	11.4	0.76	227.30	12.0	Pdm	02	12	30	-08	04	12	0.756	227.3	1982.85083	——	12.1	13.2	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1354	02	12	29.19	-08	04	11.4	0.76	227.30	12.0	Pdm	02	12	30	-08	04	12	0.756	227.3	1982.85083	——	12.2	13.2	——
1355	02	12	39.77	-33	52	6.7	0.88	71.39	9.6		02	12	39	-33	52	6	0.831	73.5	1978.88623	1996.61743	15.3	—	——
1356	02	12	58.82	-73	45	52.1	0.52	72.56	62.1		02	12	50	-73	46	42	0.586	67.5	1975.92188	1993.84937	12.1	13.6	——
1357	02	12	51.01	-17	41	12.2	0.53	67.48	0.2	T	02	12	51	-17	41	12	0.519	66.9	1977.93274	1991.90955	11.2	13.8	5859-01135-1
1358	02	12	54.65	00	00	16.3	0.57	88.50	6.8		02	12	55	00	00	12	0.546	89.2	1953.77356	1986.67786	12.9	14.7	——
1359	02	13	8.25	-19	01	53.7	0.89	95.93	18.6		02	13	7	-19	01	48	0.827	93.5	1977.93274	1991.90955	15.0	16.5	——
1360	02	13	48.03	-25	30	59.8	0.94	153.11	6.2		02	13	48	-25	31	6	0.884	158.1	1976.88928	1995.81921	12.8	14.3	——
1361	02	13	53.55	-32	02	31.5	0.93	130.14	62.7		02	13	50	-32	01	48	0.957	126.4	1978.81519	1996.61743	10.7	12.0	——
1362	02	13	56.59	09	44	38.4	0.57	96.47	7.1		02	13	57	09	44	42	0.539	92.9	1950.61768	1991.76807	16.9	18.4	——
1363	02	14	12.46	-03	57	43.7	0.54	106.40	9.2	P	02	14	13	-03	57	48	0.543	106.4	1982.64038	——	15.5	17.0	——
1364	02	14	21.22	30	57	22.8	0.54	100.96	3.1		02	14	21	30	57	24	0.506	97.8	1954.75989	1989.82532	14.8	16.1	——
1365	02	14	40.30	-01	12	5.1	1.00	94.63	4.6	T	02	14	40	-01	12	6	0.996	94.7	1953.77356	1986.67786	9.1	9.7	4690-00466-1
1366	02	14	59.93	17	25	6.2	0.67	143.63	13.3		02	14	59	17	25	6	0.594	143.3	1954.68066	1990.78455	13.6	15.5	——
1367	02	15	8.07	-30	40	1.6	0.85	114.90	4.5	P	02	15	8	-30	40	6	0.851	114.9	1978.81519	——	18.2	21.0	——
1368	02	15	09.47	32	23	41.7	0.47	109.01	20.4	T	02	15	11	32	23	48	0.508	106.2	1954.75989	1989.82532	12.4	13.5	2314-01223-1
1369	02	15	21.96	07	29	39.2	0.58	135.71	8.8	T	02	15	22	07	29	48	0.558	138.1	1954.89648	1991.76807	11.3	12.4	0044-00565-1
1370	02	15	37.15	-25	36	7.3	0.72	123.91	2.4		02	15	37	-25	36	6	0.662	121.8	1976.88928	1995.81921	13.3	15.0	——
1371	02	15	42.55	67	40	20.3	0.60	120.51	11.7	Ts	02	15	44	67	40	12	0.613	119.6	1953.83093	1992.74146	7.3	8.4	4311-01205-1
1372	02	15	47.35	-03	50	36.9	0.71	99.40	5.3	P	02	15	47	-03	50	36	0.713	99.4	1982.64038	——	13.3	14.9	——
1373	02	15	48.89	-12	40	27.9	0.53	66.11	4.2	b	02	15	49	-12	40	24	0.544	67.1	1982.63770	1991.93420	11.9	13.8	——
1374	02	15	56.17	10	15	15.2	0.66	94.67	81.2		02	16	1	10	15	54	0.677	84.8	1950.61768	1991.76807	15.0	16.5	——
1375	02	16	29.97	13	35	11.8	0.70	130.01	28.5		02	16	31	13	35	36	0.660	128.2	1950.61768	1990.78455	14.8	16.3	——
1376	02	16	35.08	-30	58	8.2	0.71	68.90	4.0	Pd	02	16	35	-30	58	12	0.711	68.9	1978.81519	——	11.7	13.4	——
1377	02	16	41.16	-30	59	18.9	0.71	68.90	5.5	Pd	02	16	41	-30	59	24	0.711	68.9	1978.81519	——	10.4	12.3	——
1378	02	17	10.07	35	26	31.0	0.63	118.64	1.3		02	17	10	35	26	30	0.595	116.4	1951.83911	1986.90747	14.7	16.8	——
1379	02	17	33.97	-53	59	20.5	0.61	49.92	70.0	H	02	17	27	-53	59	54	0.626	52.0	1975.83435	1990.92603	11.5	—	10688
1380	02	17	56.79	-35	37	0.5	0.51	55.73	15.7	T2d	02	17	58	-35	37	6	0.504	57.6	1979.64307	1996.61743	11.7	13.4	7009-01302-1
1381	02	17	57.17	-35	36	19.5	0.50	57.60	22.8	2d	02	17	59	-35	36	24	0.504	57.6	1979.64307	1996.61743	12.3	14.1	——
1382	02	18	1.49	01	45	26.1	0.53	44.50	7.9	PWc	02	18	2	01	45	24	0.532	44.5	1982.65955	——	6.0	6.5	——
1383	02	18	12.85	44	16	10.8	0.59	106.41	9.2		02	18	12	44	16	12	0.535	104.8	1953.99768	1989.67505	12.6	14.5	——
1384	02	18	12.48	-66	57	27.2	0.68	112.71	28.1		02	18	17	-66	57	18	0.635	90.4	1978.81787	1989.72876	14.5	16.0	——
1385	02	18	31.46	-39	36	33.6	0.50	78.60	6.4	Pd	02	18	31	-39	36	30	0.500	78.6	1977.69226	——	15.7	—	——
1386	02	18	41.38	-39	37	11.3	0.50	78.60	6.9	Pd	02	18	41	-39	37	6	0.500	78.6	1977.69226	——	12.7	—	——
1387	02	18	58.50	-25	56	44.5	0.50	333.94	7.6	Tcs	02	18	58	-25	56	48	0.500	334.1	1976.88928	1995.81921	6.4	7.2	6433-02414-1
1388	02	19	3.09	35	21	17.3	0.83	124.12	6.8		02	19	3	35	21	24	0.792	121.5	1951.83911	1986.90747	11.7	13.2	——
1389	02	20	26.63	-09	27	14.1	0.52	187.00	5.9	P	02	20	27	-09	27	12	0.517	187.0	1982.85083	——	16.3	16.8	——
1390	02	20	54.83	35	04	28.4	0.55	105.42	10.3		02	20	54	35	04	30	0.532	102.7	1951.83911	1986.90747	16.4	18.0	——
1391	02	21	23.99	-30	56	1.5	0.56	78.00	4.5	PW	02	21	24	-30	56	6	0.560	78.0	1978.81519	——	9.2	10.3	——
1392	02	22	6.29	36	51	44.1	0.47	113.81	75.1	im	02	22	3	36	52	48	0.919	128.3	1951.83911	1986.90747	13.4	15.2	——
1393	02	22	5.00	36	53	0.0	0.92	128.30	—	N	02	22	5	36	53	0	0.919	128.3	1951.83911	1986.90747	12.5	14.3	——
1394	02	22	18.75	01	24	58.2	0.66	227.10	53.1	P	02	22	17	01	24	12	0.662	227.1	1982.65955	——	17.0	18.6	——
1395	02	22	49.26	-10	50	60.0	0.54	91.30	12.6	P	02	22	49	-10	51	12	0.543	91.3	1982.85083	——	17.9	20.2	——
1396	02	23	1.96	-16	16	45.0	0.66	127.57	3.1	b	02	23	2	-16	16	48	0.698	127.0	1982.63770	1991.93420	18.2	20.7	——
1397	02	23	00.68	71	10	36.9	0.56	107.92	17.5	Ts	02	23	4	71	10	30	0.593	104.8	1954.74084	1992.72791	9.0	10.1	4315-00059-1
1398	02	23	20.46	-29	09	38.3	0.76	110.00	8.0	P	02	23	21	-29	09	42	0.757	110.0	1978.81519	——	13.8	15.1	——
1399	02	24	1.56	-10	39	3.0	0.50	228.20	7.2	P	02	24	2	-10	39	6	0.503	228.2	1982.85083	——	15.3	16.8	——
1400	02	24	14.58	41	13	47.6	0.51	106.60	6.6	P	02	24	14	41	13	48	0.510	106.6	1951.97302	——	12.4	13.5	——
1401	02	24	30.66	-17	16	42.2	0.39	119.17	11.1		02	24	30	-17	16	48	0.508	117.2	1979.96558	1991.93420	16.0	17.7	——
1402	02	24	32.18	-28	54	9.6	0.50	96.30	72.5	P	02	24	34	-28	55	18	0.501	96.3	1978.81519	——	18.8	18.0	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1403	02	24	44.63	13	28	12.7	0.54	114.13	9.2		02	24	44	13	28	12	0.504	113.8	1954.97021	1990.78455	14.0	14.9	——
1404	02	25	42.88	-01	14	28.6	0.55	183.30	21.5	P	02	25	44	-01	14	42	0.545	183.3	1982.65955	——	13.3	14.8	——
1405	02	26	32.12	64	59	27.9	0.75	125.45	37.3	c	02	26	38	64	59	30	0.727	121.5	1954.75415	1992.74146	17.7	18.8	——
1406	02	26	46.73	-10	20	16.8	0.53	106.40	4.2	P	02	26	47	-10	20	18	0.530	106.4	1982.85083	——	16.5	17.8	——
1407	02	28	9.75	03	10	56.5	0.84	180.50	58.0	P	02	28	6	03	10	42	0.845	180.5	1954.89661	——	16.8	18.6	——
1408	02	28	31.92	-20	02	25.3	0.67	65.70	29.5	P	02	28	33	-20	02	0	0.668	65.7	1979.96558	——	12.1	13.4	——
1409	02	29	1.72	-19	58	45.0	0.67	71.50	21.3	PWs	02	29	2	-19	58	24	0.674	71.5	1979.96558	——	8.6	9.8	——
1410	02	29	36.01	31	06	33.8	0.59	106.44	27.1		02	29	34	31	06	42	0.541	105.8	1954.75989	1989.82532	14.5	15.6	——
1411	02	30	1.90	-30	41	31.3	0.66	118.92	11.7		02	30	1	-30	41	30	0.519	114.9	1978.81519	1994.92334	14.2	15.6	——
1412	02	30	34.89	-15	43	24.4	0.48	92.49	6.6	b	02	30	35	-15	43	18	0.561	97.5	1982.63770	1991.93420	12.0	13.5	——
1413	02	31	2.40	-17	14	13.8	0.08	298.02	31.9	b	02	31	4	-17	14	36	0.730	49.1	1982.63770	1991.93420	18.5	21.0	——
1414	02	31	38.52	-04	14	19.1	0.57	223.10	53.1	P	02	31	35	-04	14	12	0.572	223.1	1982.64038	——	15.2	16.7	——
1415	02	32	37.92	-14	11	50.5	0.55	175.40	3.7	b	02	32	38	-14	11	54	0.693	174.6	1982.80713	1991.93420	15.6	16.0	——
1416	02	32	42.36	-27	37	25.2	0.83	69.16	121.3		02	32	42	-27	35	24	0.786	61.6	1978.81531	1994.92334	15.7	17.2	——
1417	02	33	37.27	24	55	36.4	0.71	175.87	3.7		02	33	37	24	55	36	0.687	176.8	1950.93738	1991.75720	12.5	14.4	——
1418	02	33	54.63	75	00	4.1	0.74	105.57	16.3		02	33	54	74	59	48	0.633	105.2	1954.74084	1993.63953	14.6	16.1	——
1419	02	34	34.61	05	26	45.6	0.66	204.34	9.4		02	34	34	05	26	48	0.651	206.4	1954.97302	1990.73267	10.0	11.2	——
1420	02	35	16.89	15	43	30.1	0.60	140.02	6.1		02	35	17	15	43	36	0.530	139.2	1951.91553	1990.85828	17.4	20.0	——
1421	02	35	21.83	-24	00	47.8	0.66	184.87	16.0		02	35	23	-24	00	48	0.611	190.5	1979.94373	1994.92053	15.5	16.4	——
1422	02	35	29.21	-25	04	38.1	0.93	91.74	11.4		02	35	30	-25	04	42	0.837	88.4	1979.94373	1994.92053	13.9	16.4	——
1423	02	35	32.48	-81	38	14.8	0.57	100.19	8.9		02	35	32	-81	38	6	0.512	89.3	1977.77698	1989.88770	13.0	14.5	——
1424	02	35	49.26	-07	39	3.5	0.54	130.90	34.7	P	02	35	47	-07	39	12	0.543	130.9	1979.72241	——	14.7	16.3	——
1425	02	36	14.57	28	55	46.1	0.54	136.24	20.7		02	36	13	28	55	48	0.505	134.4	1954.97034	1991.76001	17.0	18.3	——
1426	02	37	29.77	00	21	26.0	0.71	114.53	8.7	Bb	02	37	30	00	21	18	0.543	107.0	1982.78259	1991.69714	14.8	16.5	——
1427	02	37	46.19	-07	05	50.8	0.54	169.30	32.5	P	02	37	45	-07	06	18	0.541	169.3	1982.78809	——	15.3	16.9	——
1428	02	38	27.86	30	48	59.9	0.62	231.55	6.1	Tcs	02	38	28	30	48	54	0.615	232.0	1954.97034	1991.76001	7.4	8.1	2324-01230-1
1429	02	39	55.64	06	46	30.7	0.63	160.54	9.6		02	39	55	06	46	30	0.528	163.8	1954.97302	1990.73267	12.8	13.7	——
1430	02	39	55.40	-34	06	8.7	0.56	200.24	8.2		02	39	56	-34	06	12	0.519	204.6	1979.87549	1993.80273	16.7	—	——
1431	02	40	23.19	-26	21	16.4	0.62	166.64	11.8		02	40	24	-26	21	12	0.503	175.2	1979.94373	1994.92053	15.1	16.9	——
1432	02	40	38.78	-30	08	7.5	0.57	82.49	3.2	Tcs	02	40	39	-30	08	6	0.603	80.2	1978.81531	1994.92334	8.1	8.7	7011-00564-1
1433	02	42	13.98	16	55	26.5	0.77	169.37	14.3		02	42	13	16	55	24	0.708	171.8	1951.91553	1990.85828	16.7	16.5	——
1434	02	42	56.35	-38	56	14.0	0.65	106.61	4.5		02	42	56	-38	56	12	0.558	103.9	1977.70874	1993.95618	13.0	14.8	——
1435	02	43	13.49	05	28	21.7	0.71	117.10	8.0		02	43	14	05	28	24	0.595	115.4	1954.97302	1990.73267	13.2	14.8	——
1436	02	43	34.21	-46	27	17.5	0.53	171.93	2.2	T	02	43	34	-46	27	18	0.505	173.5	1975.90552	1990.72327	9.2	10.4	8050-01045-1
1437	02	43	55.81	-58	04	56.4	0.63	230.00	78.4		02	43	46	-58	05	6	0.587	235.4	1975.68958	1991.78357	13.3	14.8	——
1438	02	43	53.21	-08	49	45.7	0.97	140.69	57.5	HP	02	43	50	-08	50	18	0.924	140.5	1979.72241	——	12.0	—	12749
1439	02	44	15.51	25	31	24.1	0.93	112.69	23.6	T	02	44	14	25	31	36	0.923	113.8	1950.93738	1991.75720	10.7	12.8	1772-00986-1
1440	02	44	44.20	-61	57	31.8	0.57	97.56	16.3		02	44	46	-61	57	42	0.573	94.7	1975.68958	1991.78357	14.6	16.1	——
1441	02	45	31.82	-19	51	34.4	0.56	84.60	11.7	P	02	45	31	-19	51	36	0.555	84.6	1981.76062	——	17.8	18.9	——
1442	02	46	30.76	-02	27	23.9	0.62	152.62	27.1	Bb	02	46	29	-02	27	30	0.513	154.8	1982.78809	1991.69714	15.3	15.6	——
1443	02	46	34.81	16	25	9.1	1.02	233.50	9.5		02	46	35	16	25	0	0.981	235.7	1951.90747	1990.85828	16.1	17.7	——
1444	02	47	5.21	-68	55	41.4	0.70	175.46	9.7		02	47	7	-68	55	42	0.589	187.5	1976.00671	1987.71777	11.3	12.8	——
1445	02	47	8.50	04	56	16.6	0.74	192.57	7.6		02	47	9	04	56	18	0.689	195.3	1955.03870	1990.73267	16.5	18.5	——
1446	02	48	36.57	54	23	21.3	0.58	222.37	511.6		02	47	38	54	23	18	0.613	224.1	1957.96753	1993.94019	16.0	16.6	——
1447	02	48	13.37	-30	01	34.0	0.61	64.54	36.6		02	48	12	-30	02	6	0.582	51.8	1978.81531	1994.92334	18.9	17.8	——
1448	02	48	19.89	-30	43	25.4	0.83	144.38	2.0		02	48	20	-30	43	24	0.663	148.6	1978.81531	1994.92334	12.9	14.4	——
1448a	02	48	43.47	41	43	31.1	0.81	193.02	5.4		02	48	43	41	43	30	0.663	148.6	1951.97302	1989.67236	12.9	14.4	——
1449	02	49	33.89	12	49	19.5	0.49	213.54	13.8		02	49	33	12	49	24	0.500	216.0	1949.88843	1990.85828	15.3	16.6	——
1450	02	50	2.45	-08	08	42.4	0.59	81.50	9.2	P	02	50	2	-08	08	36	0.588	81.5	1979.72241	——	16.5	18.7	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1451	02	50	6.97	-01	50	31.2	0.82	86.68	10.8	b	02	50	7	-01	50	42	0.798	72.7	1982.78259	1991.69714	18.0	19.6	——
1452	02	50	9.92	-53	08	20.4	0.47	356.61	8.5		02	50	10	-53	08	12	0.531	348.4	1978.96558	1993.95886	10.3	11.4	——
1453	02	50	36.89	15	42	35.7	0.52	139.03	5.9	T	02	50	37	15	42	30	0.522	139.5	1951.90747	1990.85828	9.0	10.5	1223-00970-1
1454	02	51	14.74	24	42	45.9	0.64	120.01	40.1		02	51	15	24	42	6	0.608	110.5	1950.93738	1989.97571	15.0	16.6	——
1455	02	51	33.81	59	22	33.9	0.67	141.42	9.9	cd	02	51	35	59	22	30	0.635	136.1	1954.07422	1989.96753	14.6	16.3	——
1456	02	51	34.72	59	22	30.9	0.68	137.49	9.8	cd	02	51	36	59	22	30	0.635	136.1	1954.07422	1989.96753	14.3	15.9	——
1457	02	51	35.30	-07	24	48.3	0.62	135.10	10.4	P	02	51	36	-07	24	48	0.620	135.1	1979.72241	——	13.9	15.5	——
1458	02	51	39.72	45	58	44.1	0.66	122.85	8.6	cs	02	51	40	45	58	36	0.582	123.6	1953.76831	1989.74890	9.1	10.0	——
1459	02	51	43.38	-26	01	40.1	0.90	175.73	9.3		02	51	44	-26	01	36	0.814	179.2	1977.76611	1992.67480	13.1	15.0	——
1460	02	51	56.32	05	42	47.8	0.54	108.90	4.8		02	51	56	05	42	48	0.504	106.3	1955.03870	1990.73267	15.2	16.7	——
1461	02	52	18.34	-34	11	52.8	0.56	93.60	9.5		02	52	19	-34	11	48	0.511	85.9	1979.87549	1993.80273	14.3	15.8	——
1462	02	52	39.42	-14	31	42.9	0.77	190.36	6.2		02	52	39	-14	31	42	0.862	193.5	1982.70605	1995.89587	16.5	18.9	——
1463	02	52	54.69	-20	30	49.5	0.71	37.00	70.6	P	02	52	55	-20	32	0	0.709	37.0	1981.76062	——	13.0	15.2	——
1464	02	53	7.45	64	29	3.2	0.50	76.40	4.0		02	53	7	64	29	6	0.513	74.0	1954.75415	1993.71887	15.2	16.7	——
1465	02	53	7.03	-10	19	0.0	0.63	146.90	15.5	P	02	53	8	-10	18	54	0.632	146.9	1983.97925	——	14.5	16.0	——
1466	02	54	02.79	-35	54	16.9	0.55	108.60	11.2	Tds	02	54	3	-35	54	6	0.532	106.7	1979.87549	1993.80273	8.3	9.4	7018-00792-1
1467	02	54	2.46	-35	54	55.4	0.61	119.10	14.9	ds	02	54	3	-35	54	42	0.532	106.7	1979.87549	1993.80273	12.3	13.8	——
1468	02	54	9.74	26	51	17.3	0.58	108.99	17.7		02	54	11	26	51	12	0.556	106.9	1950.93738	1989.97571	14.3	15.9	——
1469	02	54	11.17	-18	25	53.1	0.50	142.70	5.7	Pd	02	54	11	-18	25	48	0.501	142.7	1981.76062	——	16.8	18.6	——
1470	02	54	15.20	-18	25	53.7	0.50	142.70	6.4	Pd	02	54	15	-18	25	48	0.501	142.7	1981.76062	——	13.9	15.2	——
1471	02	55	14.57	-51	40	22.4	0.70	73.95	116.0		02	55	26	-51	39	36	0.686	69.5	1975.85083	1992.80603	14.0	15.5	——
1472	02	55	42.18	-23	57	29.4	0.74	173.68	11.2		02	55	43	-23	57	30	0.677	177.5	1977.76611	1992.67480	14.2	15.7	——
1473	02	56	7.68	52	24	14.0	0.66	128.82	21.3		02	56	10	52	24	12	0.591	128.9	1957.96753	1989.76257	14.4	16.1	——
1474	02	56	18.33	-70	22	17.5	0.97	114.41	33.5		02	56	24	-70	22	0	0.682	97.9	1976.00671	1987.71777	14.3	14.0	——
1475	02	56	34.43	55	26	14.1	0.86	121.92	4.2	Td	02	56	34	55	26	12	0.833	123.9	1957.96753	1993.94019	10.6	12.2	3705-00542-1
1476	02	56	35.17	55	26	29.6	0.85	122.55	7.1	Td	02	56	36	55	26	30	0.833	123.9	1957.96753	1993.94019	11.9	13.4	3705-00705-1
1477	02	57	2.29	-13	41	31.9	0.77	144.53	11.1		02	57	3	-13	41	36	0.731	145.0	1982.70605	1995.89587	14.9	16.8	——
1478	02	57	18.70	76	33	10.4	0.84	121.51	5.0		02	57	18	76	33	6	0.795	120.0	1954.73816	1994.77905	14.1	15.6	——
1479	02	57	47.06	-36	37	27.6	0.63	74.78	3.7		02	57	47	-36	37	24	0.576	60.2	1979.87549	1993.80273	12.5	13.6	——
1480	02	58	6.50	-05	05	30.1	0.52	110.50	19.4	P	02	58	6	-05	05	48	0.522	110.5	1984.64966	——	17.2	19.2	——
1481	02	58	10.29	-12	53	6.6	0.61	35.83	7.8		02	58	10	-12	53	0	0.651	28.8	1982.70605	1995.89587	11.3	13.2	——
1482	02	58	26.66	-29	04	28.3	0.57	175.57	6.2		02	58	27	-29	04	24	0.504	184.3	1977.94641	1991.93152	13.3	14.4	——
1483	02	59	10.79	36	36	37.8	0.72	118.26	10.4		02	59	10	36	36	42	0.680	115.5	1954.97314	1988.71411	12.4	13.9	——
1484	02	59	12.21	33	30	12.0	0.52	134.48	31.6		02	59	13	33	29	42	0.589	136.3	1953.77100	1988.71411	15.5	17.0	——
1485	02	59	29.54	25	36	3.5	0.53	156.32	19.9		02	59	31	25	36	6	0.502	156.7	1954.89380	1989.97571	14.0	15.3	——
1486	03	00	12.75	49	00	33.3	0.56	158.88	9.1		03	00	13	49	00	42	0.528	155.5	1953.76831	1989.76257	15.3	16.6	——
1487	03	00	36.10	05	59	9.8	0.72	102.66	10.0	Ts	03	00	36	05	59	0	0.677	106.7	1955.03870	1991.69434	8.2	9.2	0061-01038-1
1488	03	01	25.42	58	06	40.3	0.58	166.60	5.4		03	01	25	58	06	36	0.576	167.4	1954.07422	1993.94287	12.8	14.5	——
1489	03	01	37.63	-28	05	29.6	0.52	147.54	4.9	Tcs	03	01	38	-28	05	30	0.500	147.1	1977.94641	1991.93152	6.0	6.9	6444-00112-1
1490	03	02	6.38	-39	50	52.3	0.84	220.50	8.3	P	03	02	7	-39	50	48	0.840	220.5	1977.63770	——	15.1	—	——
1491	03	04	4.43	-20	22	43.3	0.69	135.90	10.8	P	03	04	5	-20	22	36	0.685	135.9	1980.70947	——	11.4	14.7	——
1492	03	04	09.64	61	42	21.0	1.00	133.85	3.9	Tcs	03	04	10	61	42	18	0.996	133.7	1954.07422	1993.94287	6.7	7.5	4048-00237-1
1493	03	04	32.47	-41	34	32.6	0.53	55.20	6.5	2	03	04	33	-41	34	30	0.532	55.2	1977.63770	1990.72327	13.5	—	——
1494	03	04	43.62	61	44	8.0	1.04	133.83	4.9		03	04	44	61	44	12	0.996	133.7	1954.07422	1993.94287	—	13.3	——
1495	03	06	19.13	51	03	21.0	0.93	125.39	11.1		03	06	18	51	03	18	0.846	124.8	1953.76831	1989.76257	13.6	14.9	——
1496	03	06	26.74	01	57	54.6	1.01	157.19	11.1	Tbs	03	06	26	01	57	54	0.969	157.7	1982.93823	1989.97021	9.2	10.9	0055-00745-1
1497	03	06	34.24	-61	06	25.6	0.60	185.78	78.4		03	06	39	-61	07	36	0.598	193.6	1975.69238	1991.90137	14.6	16.1	——
1498	03	07	44.23	55	00	17.4	0.55	93.99	5.7		03	07	44	55	00	12	0.594	91.9	1954.74097	1989.77075	14.8	16.5	——
1499	03	08	23.84	43	02	7.4	0.57	136.43	9.3		03	08	23	43	02	6	0.558	139.8	1957.96777	1989.75989	15.1	16.6	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1500	03	08	25.48	-38	12	44.5	0.52	81.40	6.2	P	03	08	25	-38	12	42	0.515	81.4	1977.63770	——	16.2	—	——
1501	03	08	25.59	26	19	51.4	0.86	194.16	6.5	Tcs	03	08	26	26	19	48	0.820	194.3	1954.89380	1989.97571	8.1	8.6	1791-00794-1
1502	03	08	49.20	-40	06	42.3	0.71	134.30	10.8	P	03	08	50	-40	06	48	0.710	134.3	1977.63770	——	16.3	—	——
1503	03	08	53.13	-12	09	9.3	0.72	177.77	8.9		03	08	53	-12	09	18	0.516	167.7	1983.97925	1995.89587	14.8	15.8	——
1504	03	09	0.22	10	01	24.4	0.69	156.74	3.3		03	09	0	10	01	24	0.646	153.1	1949.88293	1990.81189	14.4	16.0	——
1505	03	09	04.49	76	02	28.2	0.53	158.24	8.0	T	03	09	5	76	02	36	0.555	157.5	1954.73816	1994.77905	10.0	11.4	4508-02528-1
1506	03	09	9.90	02	16	5.7	0.77	90.67	1.5	Bb	03	09	10	02	16	6	0.505	77.1	1982.93823	1989.97021	18.0	20.2	——
1507	03	09	30.80	45	43	58.3	0.54	230.56	2.7	T	03	09	31	45	44	0	0.540	232.4	1953.76831	1989.75989	10.3	11.8	3310-00917-1
1508	03	09	35.81	21	02	59.0	0.46	114.22	2.8	dm	03	09	36	21	03	0	0.501	122.4	1955.81470	1986.74622	16.0	17.3	——
1509	03	09	35.81	21	02	58.9	0.46	115.83	2.9	dm	03	09	36	21	03	0	0.501	122.4	1955.81470	1986.74622	14.2	15.3	——
1510	03	10	7.87	00	46	14.6	0.76	139.49	8.8	Bbg	03	10	8	00	46	6	0.511	142.0	1982.93823	1989.97021	14.9	16.4	——
1511	03	10	40.44	-84	32	35.4	0.63	70.58	64.3	T	03	10	10	-84	31	48	0.649	70.6	1976.66052	1994.77258	10.4	11.2	9495-00581-1
1512	03	10	15.47	05	54	31.5	0.57	192.55	9.1	T	03	10	16	05	54	36	0.563	191.5	1955.87476	1991.69434	12.1	14.9	0062-01248-1
1513	03	11	35.22	-38	47	22.7	0.86	103.10	2.9	P	03	11	35	-38	47	24	0.859	103.1	1977.63770	——	13.0	14.6	——
1514	03	12	13.51	22	01	12.9	0.80	139.36	6.9		03	12	14	22	01	12	0.752	138.2	1954.89380	1986.74622	15.2	16.5	——
1515	03	12	4.68	-28	59	15.9	0.69	23.85	253.5	b	03	12	24	-28	59	18	0.723	27.5	1977.94641	1991.93152	3.8	4.3	——
1516	03	14	12.55	28	40	38.4	0.85	156.69	6.9		03	14	13	28	40	42	0.836	158.1	1953.77100	1993.72156	15.7	17.7	——
1517	03	14	22.53	-09	36	40.6	0.55	174.60	10.8	P	03	14	22	-09	36	48	0.547	174.6	1983.74976	——	15.7	17.0	——
1518	03	14	34.08	52	20	52.5	0.51	208.89	8.6		03	14	35	52	20	54	0.517	205.7	1954.74097	1989.76257	11.0	12.3	——
1519	03	14	29.10	-51	25	56.7	0.67	64.51	152.3		03	14	45	-51	25	24	0.627	57.8	1975.85083	1992.80603	12.0	13.5	——
1520	03	14	47.23	08	58	50.9	0.57	135.14	4.5	T	03	14	47	08	58	48	0.573	135.0	1955.87476	1991.85840	7.9	9.0	0649-00067-1
1521	03	15	29.61	57	51	31.2	0.58	121.90	5.7		03	15	30	57	51	36	0.523	114.4	1954.07422	1993.94287	14.3	16.0	——
1522	03	16	13.95	58	10	7.6	0.53	124.93	9.4	Tdm	03	16	15	58	10	12	0.591	126.7	1954.07422	1993.94287	11.4	12.9	3714-00019-2
1523	03	16	13.95	58	10	7.6	0.53	124.93	9.4	Tdm	03	16	15	58	10	12	0.591	126.7	1954.07422	1993.94287	11.4	12.9	3714-00019-2
1524	03	17	18.04	-19	40	17.2	0.58	110.20	1.0	P	03	17	18	-19	40	18	0.577	110.2	1980.70947	——	14.5	16.2	——
1525	03	17	45.19	25	15	6.3	0.86	114.90	6.2	H	03	17	45	25	15	12	0.854	115.1	1954.89380	1990.79004	11.9	—	15332
1526	03	17	46.86	-02	23	41.9	0.75	114.49	12.9	Bb	03	17	46	-02	23	42	0.577	110.5	1982.73071	1990.78735	12.8	13.9	——
1527	03	17	53.10	23	37	19.7	0.69	133.40	2.2		03	17	53	23	37	18	0.632	136.3	1954.89380	1990.79004	13.1	14.2	——
1528	03	18	7.52	38	15	6.9	0.73	142.30	17.9		03	18	6	38	15	6	0.772	141.2	1955.11816	1989.74622	10.5	12.1	——
1529	03	18	27.00	-19	59	24.0	0.75	125.20	—	2N	03	18	27	-19	59	24	0.747	125.2	1980.70947	1996.78418	14.8	16.5	——
1530	03	18	42.85	60	36	26.5	0.64	128.82	6.7		03	18	42	60	36	24	0.600	128.4	1954.07422	1993.94287	12.6	13.7	——
1531	03	19	17.17	-37	03	43.7	0.72	127.45	10.8		03	19	18	-37	03	48	0.748	128.8	1980.76123	1996.77051	17.6	—	——
1532	03	19	28.07	05	04	6.5	0.53	149.20	5.7	P	03	19	28	05	04	12	0.532	149.2	1955.87476	——	12.5	13.6	——
1533	03	19	39.85	33	35	55.1	0.69	144.24	15.2	T	03	19	39	33	36	6	0.715	144.8	1955.11816	1992.97595	9.8	10.7	2345-01126-1
1534	03	20	43.57	-33	27	53.5	0.54	178.37	7.7	Tdm	03	20	44	-33	27	48	0.530	180.0	1980.76123	1996.77051	11.7	12.3	7023-00209-1
1535	03	20	43.60	-33	27	53.5	0.48	178.31	7.4	dm	03	20	44	-33	27	48	0.530	180.0	1980.76123	1996.77051	16.0	—	——
1536	03	21	5.57	-05	26	34.5	0.70	190.90	41.7	P	03	21	4	-05	26	0	0.697	190.9	1982.73071	——	15.5	17.0	——
1537	03	21	23.65	12	28	49.3	0.67	147.65	9.6		03	21	23	12	28	48	0.623	150.0	1949.88293	1991.85840	16.0	17.5	——
1538	03	21	34.16	14	19	12.4	0.59	124.26	11.9		03	21	34	14	19	24	0.580	119.8	1949.88293	1991.76270	14.3	15.6	——
1539	03	21	55.55	00	59	22.6	0.72	109.39	12.6	g	03	21	56	00	59	12	0.548	103.4	1951.68616	1990.78735	14.0	15.5	——
1540	03	22	4.03	02	56	35.9	0.80	155.90	0.5	P	03	22	4	02	56	36	0.803	155.9	1951.68616	——	14.1	15.6	——
1541	03	23	1.93	42	00	25.4	0.80	156.51	12.8		03	23	3	42	00	30	0.719	143.4	1957.96777	1989.74353	15.1	16.6	——
1542	03	23	49.73	-15	30	48.6	0.51	173.30	10.6	P	03	23	49	-15	30	48	0.513	173.3	1983.69788	——	17.3	18.8	——
1543	03	23	52.88	-17	18	21.7	0.87	120.94	19.1		03	23	52	-17	18	36	0.781	127.2	1983.69788	1996.78418	12.0	13.6	——
1544	03	24	43.25	19	52	58.7	0.55	119.83	3.8		03	24	43	19	53	0	0.537	118.0	1955.81470	1995.67786	12.3	14.4	——
1545	03	24	50.36	12	15	23.7	0.75	130.99	11.3	T	03	24	51	12	15	30	0.756	132.4	1949.88293	1991.85840	10.8	11.5	0653-00953-1
1546	03	24	59.68	-05	21	49.7	0.81	197.70	6.4	PW	03	25	0	-05	21	54	0.810	197.7	1982.73071	——	8.3	9.5	——
1547	03	25	11.24	-01	49	17.5	1.07	157.34	6.6	b	03	25	11	-01	49	12	0.903	163.8	1982.94385	1990.78735	16.2	16.8	——
1548	03	27	52.41	-19	48	16.1	0.62	60.39	6.1	Ts	03	27	52	-19	48	18	0.618	57.1	1982.86731	1996.78418	8.6	10.1	5876-00955-1

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1549	03	28	48.84	-27	19	1.8	0.85	71.60	73.4	cd	03	28	54	-27	18	36	0.839	63.7	1977.94922	1992.98633	15.0	14.4	——
1550	03	28	48.50	-27	19	6.5	0.80	71.43	77.3	cd	03	28	54	-27	18	42	0.839	63.7	1977.94922	1992.98633	13.9	15.6	——
1551	03	29	22.68	-62	56	15.1	0.54	45.65	3.6	TBbcds	03	29	23	-62	56	18	0.525	45.3	1982.87000	1989.89038	4.8	5.2	8870-01384-1
1552	03	29	29.23	-62	56	48.8	0.61	70.89	1.7	Bbds	03	29	29	-62	56	48	0.524	44.9	1982.87000	1989.89038	9.8	11.4	——
1553	03	30	55.11	70	41	13.1	0.64	143.33	6.6		03	30	56	70	41	18	0.615	142.9	1953.78467	1992.74438	14.3	15.9	——
1554	03	31	47.14	14	19	17.7	0.68	176.78	2.0	H	03	31	47	14	19	18	0.678	178.4	1949.88293	1991.76270	12.3	—	16445
1555	03	32	38.38	01	57	57.9	0.99	149.41	6.1	b	03	32	38	01	58	0	0.755	165.5	1982.94385	1990.80652	13.0	14.8	——
1556	03	32	43.18	-30	19	30.7	0.69	187.00	5.8	P	03	32	43	-30	19	36	0.689	187.0	1981.68689	——	15.2	16.3	——
1557	03	32	55.84	-09	27	29.8	0.98	271.06	6.7	TPWc	03	32	56	-09	27	36	0.974	271.5	1982.79346	——	3.8	4.8	5296-01533-1
1558	03	34	13.27	-26	19	25.4	0.73	68.45	3.9		03	34	13	-26	19	24	0.706	60.5	1977.72522	1991.92334	13.0	14.6	——
1559	03	34	21.12	-31	04	48.1	0.51	185.50	6.0	Pd	03	34	21	-31	04	54	0.509	185.5	1981.68689	——	14.8	15.9	——
1560	03	34	38.42	-31	04	23.1	0.51	185.60	5.5	TPd	03	34	38	-31	04	24	0.509	185.5	1981.68689	——	11.5	12.1	7021-00604-1
1561	03	34	39.67	-04	50	33.9	0.80	134.22	10.8	Bb	03	34	39	-04	50	30	0.520	127.2	1982.70874	1987.87122	12.8	14.1	——
1562	03	34	57.16	28	15	24.6	0.55	127.12	12.3		03	34	58	28	15	30	0.528	121.9	1955.81201	1992.74158	16.1	17.8	——
1563	03	35	0.88	-48	25	9.2	0.51	52.50	14.4	PW	03	35	2	-48	25	0	0.505	52.5	1977.71155	——	9.1	10.3	——
1564	03	35	15.33	20	55	48.0	0.68	141.25	11.1	c	03	35	16	20	55	54	0.659	141.2	1951.91577	1995.67786	18.0	20.7	——
1565	03	35	59.79	-44	30	47.3	0.91	118.24	8.5		03	35	59	-44	30	48	0.831	118.8	1976.82410	1991.78357	12.4	14.0	——
1566	03	36	0.12	02	09	44.4	0.82	161.33	13.7		03	36	1	02	09	48	0.758	163.6	1953.99780	1990.80652	12.7	14.0	——
1567	03	36	6.64	-40	59	54.7	0.52	204.70	6.7	P	03	36	7	-41	00	0	0.522	204.7	1976.96021	——	12.3	14.1	——
1568	03	36	22.48	13	50	44.7	0.66	160.99	40.0		03	36	22	13	51	24	0.636	161.0	1954.00598	1989.84741	14.4	15.7	——
1569	03	36	52.38	00	24	6.0	0.54	205.83	8.3	TBbcs	03	36	52	00	24	0	0.532	206.3	1984.72595	1990.80652	4.4	5.0	0064-01569-1
1570	03	36	55.23	02	50	23.2	0.83	156.71	3.5		03	36	55	02	50	24	0.790	158.9	1953.99780	1990.81738	16.0	17.5	——
1571	03	37	12.53	33	58	32.7	0.67	137.67	43.7		03	37	11	33	59	12	0.564	136.8	1955.11816	1988.71704	13.5	15.3	——
1572	03	38	10.12	-68	56	45.5	0.61	32.90	30.0	P	03	38	15	-68	57	0	0.608	32.9	1986.74976	——	12.0	13.5	——
1573	03	39	36.29	25	28	19.4	0.67	157.06	28.6	d	03	39	35	25	28	42	0.629	157.1	1951.91309	1989.95935	12.6	14.1	——
1574	03	39	40.58	25	28	46.8	0.65	158.40	33.1	d	03	39	39	25	29	12	0.629	157.1	1951.91309	1989.95935	13.0	14.5	——
1575	03	40	10.29	-36	10	40.3	0.69	97.82	3.9		03	40	10	-36	10	42	0.610	96.0	1976.88123	1991.69861	16.9	—	——
1576	03	40	17.44	01	45	34.9	0.62	146.67	15.5		03	40	18	01	45	48	0.594	149.0	1953.99780	1990.80652	15.4	16.9	——
1577	03	40	22.06	-03	13	1.1	0.72	107.10	5.0	TBbcs	03	40	22	-03	13	6	0.732	107.2	1982.70874	1987.87122	6.7	7.3	4720-01374-1
1578	03	40	27.64	21	14	45.8	0.63	152.05	20.7		03	40	29	21	14	54	0.602	151.1	1951.91577	1995.67786	16.4	17.7	——
1579	03	41	34.63	25	20	46.2	0.67	109.40	27.2		03	41	34	25	21	12	0.637	106.8	1951.91309	1989.95935	14.8	16.1	——
1580	03	42	50.19	-03	55	19.5	0.57	91.53	8.0	Bb	03	42	50	-03	55	12	0.590	69.9	1982.70874	1987.87122	14.3	15.6	——
1581	03	43	14.90	-09	45	48.2	0.75	352.86	6.0	TPWc	03	43	15	-09	45	54	0.750	353.2	1982.79346	——	3.6	4.7	5303-01320-1
1582	03	43	22.03	-09	33	50.4	0.52	54.50	14.8	P	03	43	23	-09	33	54	0.522	54.5	1982.79346	——	13.6	15.5	——
1583	03	43	53.62	63	39	56.6	0.96	141.20	4.3	P	03	43	54	63	40	0	0.962	141.2	1954.08252	——	11.6	12.9	——
1584	03	43	55.00	-50	38	42.0	0.50	15.60	—	N	03	43	55	-50	38	42	0.504	15.6	1977.71155	1994.98901	6.9	7.4	——
1585	03	44	11.98	26	33	44.7	0.56	108.91	2.7		03	44	12	26	33	42	0.530	107.5	1951.91309	1989.95935	15.6	16.9	——
1586	03	44	23.16	16	29	45.9	0.56	102.34	16.8		03	44	22	16	29	48	0.502	99.2	1951.91577	1989.84741	13.4	14.7	——
1587	03	44	26.19	37	16	35.3	0.62	129.35	26.1		03	44	24	37	16	36	0.562	127.8	1954.97058	1988.71704	14.2	16.0	——
1588	03	45	4.30	40	55	25.3	0.51	167.54	9.2		03	45	5	40	55	30	0.503	170.3	1953.02490	1989.75720	13.4	15.1	——
1589	03	46	24.44	11	43	12.0	0.77	103.20	6.5	P	03	46	24	11	43	12	0.773	103.2	1954.00598	——	14.2	16.0	——
1590	03	46	45.32	-11	17	42.1	0.55	78.80	4.7	P	03	46	45	-11	17	42	0.551	78.8	1982.79346	——	11.6	13.6	——
1591	03	46	50.89	-23	14	59.0	0.55	196.82	1.8	Ts	03	46	51	-23	15	0	0.548	196.9	1977.72522	1991.92334	4.3	4.7	6448-01370-1
1592	03	46	55.51	-22	54	16.5	0.61	208.32	6.9		03	46	56	-22	54	18	0.595	216.6	1977.72522	1991.92334	15.3	17.0	——
1593	03	47	20.86	08	41	47.8	0.79	144.00	12.8	P	03	47	20	08	41	48	0.789	144.0	1955.94312	——	13.7	15.0	——
1594	03	47	58.10	02	47	16.1	0.58	222.69	2.4	T	03	47	58	02	47	18	0.539	225.2	1953.99780	1990.81738	11.2	13.1	0068-00048-1
1595	03	48	31.85	12	26	12.4	0.56	148.80	6.0	P	03	48	32	12	26	18	0.562	148.8	1954.00598	——	16.8	18.3	——
1596	03	48	38.51	73	32	34.9	0.51	123.72	2.4		03	48	39	73	32	36	0.515	126.1	1953.78467	1994.77905	11.5	13.0	——
1597	03	48	55.54	56	00	57.7	0.54	139.23	5.3		03	48	56	56	00	54	0.530	136.1	1954.74927	1990.87207	12.1	12.7	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1598	03	49	25.74	-03	19	37.6	0.98	100.25	11.2	Bb	03	49	25	-03	19	36	0.713	89.7	1982.70874	1987.87122	13.8	14.9	——
1599	03	49	35.62	01	20	53.1	0.71	156.79	5.8	s	03	49	36	01	20	54	0.668	159.0	1953.99780	1990.80652	9.4	10.5	——
1600	03	50	0.47	-51	05	17.3	0.76	176.34	118.2	?g	03	49	54	-51	03	36	0.656	178.6	1977.77441	1994.98901	14.1	15.6	——
1602	03	50	25.03	64	47	3.6	0.54	140.27	7.0		03	50	24	64	47	6	0.501	140.0	1954.08252	1991.76831	12.0	12.4	——
1603	03	50	35.49	-42	33	56.0	0.65	17.65	6.9	Ts	03	50	36	-42	34	0	0.673	20.1	1976.82410	1991.78357	8.7	9.7	7576-00189-1
1604	03	51	0.07	00	52	45.9	0.51	175.29	4.0		03	51	0	00	52	42	0.525	175.6	1953.99780	1990.80652	16.5	19.8	——
1605	03	51	7.84	33	08	45.2	0.62	125.83	13.7		03	51	7	33	08	54	0.611	125.2	1955.86121	1988.71704	14.3	15.6	——
1606	03	51	48.27	-45	56	41.1	0.61	117.41	24.3		03	51	49	-45	56	18	0.520	114.1	1976.82410	1991.78357	14.6	15.2	——
1607	03	51	53.08	06	18	32.4	0.61	134.84	3.8		03	51	53	06	18	36	0.595	133.2	1955.94312	1990.81738	13.0	14.3	——
1608	03	52	15.62	04	40	43.5	0.59	85.42	10.3		03	52	15	04	40	48	0.585	80.9	1955.94312	1990.81738	14.0	15.8	——
1609	03	52	28.27	-31	50	22.3	0.65	153.99	5.5		03	52	28	-31	50	18	0.577	157.5	1976.88135	1990.72607	16.9	19.2	——
1610	03	52	41.80	17	01	2.0	0.84	146.82	12.1		03	52	41	17	01	6	0.766	147.5	1951.91577	1989.84741	12.9	14.6	——
1611	03	52	52.60	49	41	56.1	0.50	127.32	10.0	c	03	52	52	49	41	48	0.503	126.7	1954.76282	1993.80090	17.0	16.8	——
1612	03	53	37.15	-26	33	9.6	0.70	107.87	15.8		03	53	36	-26	33	6	0.700	103.2	1979.94116	1991.92334	14.6	16.4	——
1613	03	55	03.84	61	10	0.5	0.50	119.44	10.6	Ts	03	55	5	61	09	54	0.520	119.5	1954.01147	1992.83435	7.9	8.9	4063-00747-1
1614	03	58	22.65	18	09	8.2	0.52	173.79	13.4		03	58	22	18	09	18	0.502	176.0	1950.93762	1991.78198	15.5	16.4	——
1615	03	59	13.00	-78	38	6.0	0.52	52.10	—	N	03	59	13	-78	38	6	0.515	52.1	1977.78003	1989.88770	16.1	17.7	——
1616	03	59	53.77	26	05	22.2	0.79	109.05	31.0	B	03	59	52	26	05	42	0.778	107.5	1949.97314	1993.94287	12.3	14.1	——
1617	04	00	26.67	08	14	7.1	0.54	224.45	24.8		04	00	25	08	14	6	0.519	222.1	1954.97327	1988.94861	15.9	16.5	——
1618	04	01	7.71	51	23	18.6	0.92	155.76	2.8		04	01	8	51	23	18	0.852	156.7	1954.74927	1993.80090	12.9	14.6	——
1619	04	01	19.62	76	09	33.7	0.64	148.83	15.5	T	04	01	23	76	09	24	0.628	146.9	1954.73816	1996.93506	8.3	9.7	4510-01316-1
1620	04	01	44.64	-57	12	24.6	0.54	40.54	6.2	Tcs	04	01	45	-57	12	30	0.560	43.0	1978.81812	1993.95886	8.2	8.8	8504-00500-1
1621	04	03	30.01	60	09	12.5	0.55	130.25	0.6		04	03	30	60	09	12	0.525	127.4	1954.01147	1992.83435	13.0	14.3	——
1622	04	03	30.49	-37	53	35.8	0.72	57.07	8.2		04	03	30	-37	53	30	0.699	48.8	1977.70605	1991.90955	14.0	—	——
1623	04	03	43.13	70	28	53.7	0.71	165.47	12.1		04	03	41	70	28	48	0.575	170.8	1953.78467	1993.72180	15.1	16.7	——
1624	04	04	11.85	-13	41	46.5	0.50	68.10	2.7	P	04	04	12	-13	41	48	0.502	68.1	1983.76611	——	13.2	14.8	——
1625	04	05	28.88	22	29	28.0	0.52	138.76	83.9	B	04	05	23	22	29	48	0.518	133.5	1949.97314	1989.97302	18.7	21.0	——
1625a	04	05	47.19	26	43	31.2	0.58	136.65	5.4	B	04	05	47	26	43	36	0.547	141.3	1949.97314	1993.94226	18.3	20.6	——
1626	04	06	0.76	26	20	44.3	0.52	164.97	21.9	B	04	06	1	26	21	6	0.500	168.4	1949.97314	1993.94299	15.2	17.0	——
1627	04	06	33.88	04	37	22.5	0.62	76.54	4.8		04	06	34	04	37	18	0.593	71.9	1954.97327	1992.73352	16.2	17.3	——
1628	04	06	34.84	-20	51	11.3	0.78	176.04	5.7	TPW	04	06	35	-20	51	6	0.777	176.3	1978.99585	——	9.8	11.3	5889-00644-1
1629	04	06	37.42	79	16	0.9	0.51	146.24	24.5		04	06	46	79	16	6	0.517	146.1	1954.73816	1994.77637	15.0	16.5	——
1630	04	07	20.49	-24	29	13.2	0.66	162.80	7.1	P	04	07	21	-24	29	12	0.658	162.8	1979.94116	——	12.0	14.8	——
1631	04	08	11.30	74	23	1.2	0.92	130.09	7.1		04	08	10	74	23	6	0.894	131.1	1953.78467	1996.93506	13.8	15.3	——
1632	04	08	34.07	13	24	21.5	0.55	129.16	2.7		04	08	34	13	24	24	0.518	129.8	1953.77393	1992.83704	17.0	19.3	——
1633	04	08	34.82	50	10	27.8	0.62	139.20	4.1		04	08	35	50	10	24	0.592	138.8	1954.76282	1993.80090	15.7	16.8	——
1634	04	08	37.40	33	38	13.3	0.54	76.42	6.8	T	04	08	37	33	38	18	0.575	77.0	1955.81213	1993.70789	10.4	12.4	2362-00037-1
1635	04	08	46.44	04	26	21.1	0.59	161.32	8.9		04	08	47	04	26	18	0.580	160.6	1954.97327	1992.73352	16.7	18.4	——
1636	04	10	17.50	19	54	24.7	0.66	124.35	20.0		04	10	17	19	54	6	0.573	123.9	1950.93762	1989.97302	17.2	17.7	——
1637	04	12	03.18	62	34	21.6	0.57	153.10	19.8	T	04	12	6	62	34	18	0.559	151.7	1954.01147	1992.83435	12.0	14.9	4068-00501-1
1638	04	12	17.22	64	43	54.6	0.69	133.26	5.6		04	12	17	64	44	0	0.647	130.0	1954.97070	1993.93762	13.1	14.8	——
1639	04	12	47.65	-53	52	4.7	0.81	42.92	68.5		04	12	40	-53	51	54	0.838	39.2	1978.77441	1994.98901	13.3	14.8	——
1640	04	12	42.67	-22	50	25.1	0.47	208.10	10.5	d	04	12	42	-22	50	30	0.540	214.8	1979.94116	1995.82471	15.9	17.4	——
1641	04	12	43.22	-22	50	39.5	0.49	202.69	3.9	d	04	12	43	-22	50	42	0.540	214.8	1979.94116	1995.82471	13.2	14.5	——
1642	04	12	58.94	52	36	40.7	0.90	198.40	9.8		04	13	0	52	36	42	0.910	203.7	1954.74927	1993.80090	12.9	14.7	——
1643	04	14	1.80	82	15	34.3	0.69	157.95	8.8		04	13	58	82	15	30	0.624	153.9	1954.89404	1994.77637	15.0	16.5	——
1644	04	14	35.52	22	21	4.2	0.52	125.38	7.9	TB	04	14	36	22	21	0	0.538	122.1	1949.97314	1989.97302	9.3	9.7	1263-00724-1
1645	04	14	42.67	-01	09	49.8	0.57	156.66	10.2		04	14	42	-01	09	48	0.510	160.0	1951.00867	1990.86670	13.6	15.6	——
1646	04	14	58.11	-05	37	50.1	0.77	83.74	13.4	Bb	04	14	59	-05	37	48	0.659	76.5	1982.71704	1989.89038	10.1	11.0	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1647	04	15	10.59	00	46	16.5	0.68	116.41	9.7	bc	04	15	11	00	46	24	0.570	128.3	1981.91931	1990.86670	15.9	17.5	——
1648	04	15	44.94	23	35	0.6	0.02	109.99	36.6		04	15	45	23	34	24	0.500	129.5	1950.94299	1993.94299	15.3	17.2	——
1649	04	15	46.24	-01	27	7.0	0.74	94.46	6.2	b	04	15	46	-01	27	12	0.581	97.6	1981.91931	1990.86670	14.6	15.9	——
1650	04	15	56.92	-53	18	36.2	0.85	67.25	0.7	s	04	15	57	-53	18	36	0.859	61.5	1978.77441	1994.98901	7.1	8.2	——
1651	04	17	9.27	-26	02	50.5	0.74	68.55	10.2		04	17	9	-26	03	0	0.700	58.6	1980.94141	1995.82471	12.9	13.8	——
1652	04	17	26.41	28	19	49.0	0.96	112.57	5.5		04	17	26	28	19	48	0.934	109.5	1955.80933	1989.82288	16.0	17.5	——
1653	04	17	27.97	23	28	6.4	0.57	120.43	13.3	T	04	17	27	23	28	6	0.555	117.9	1950.94299	1994.77649	11.6	13.0	1815-01744-1
1654	04	18	4.79	-49	01	31.5	0.42	15.18	85.1		04	18	1	-49	02	48	0.506	5.3	1983.00964	1994.98901	13.2	14.7	——
1655	04	18	29.75	01	16	17.1	0.29	109.91	45.4	Bbs	04	18	27	01	16	36	0.542	148.1	1981.91931	1990.86670	14.7	16.2	——
1656	04	18	42.49	-57	15	40.1	0.10	141.89	76.3		04	18	48	-57	16	42	0.808	21.5	1978.77441	1994.98901	13.2	14.7	——
1657	04	19	30.00	17	56	36.0	0.69	162.10	—	N	04	19	30	17	56	36	0.692	162.1	1950.93762	1989.97302	19.0	21.0	——
1658	04	19	49.54	-22	47	21.9	0.73	161.65	7.5		04	19	50	-22	47	18	0.639	164.7	1980.94141	1995.82471	16.2	17.8	——
1659	04	20	57.77	37	28	42.0	0.60	168.93	2.7		04	20	58	37	28	42	0.527	174.6	1955.81213	1989.82556	12.4	13.5	——
1660	04	21	5.53	-48	39	8.3	0.56	175.60	49.9	P	04	21	1	-48	39	30	0.556	175.6	1983.00964	——	15.0	14.8	——
1660a	04	21	6.16	18	55	29.0	0.50	141.89	7.3		04	21	6	18	55	36	0.505	139.5	1955.94324	1989.97302	18.5	21.0	——
1661	04	21	10.21	06	06	12.8	0.67	92.58	3.2	H	04	21	10	06	06	12	0.684	91.3	1953.86121	1986.76831	11.9	—	20319
1662	04	21	51.72	-67	39	36.4	0.55	65.76	5.8		04	21	52	-67	39	42	0.612	57.7	1975.94128	1992.98364	13.0	14.5	——
1663	04	21	57.66	75	08	28.3	0.68	129.57	11.8		04	22	0	75	08	36	0.778	132.8	1953.78491	1996.93506	12.3	14.0	——
1664	04	22	9.05	76	21	26.7	0.55	167.52	9.4		04	22	10	76	21	18	0.588	164.4	1955.03894	1996.93506	14.5	16.0	——
1665	04	22	12.70	-57	26	3.0	0.65	194.24	33.5		04	22	12	-57	26	36	0.534	208.5	1983.03979	1994.98901	12.2	13.7	——
1666	04	22	25.17	27	37	10.2	0.69	147.15	2.9		04	22	25	27	37	12	0.646	146.3	1955.80933	1994.77649	16.1	17.7	——
1667	04	22	33.61	39	00	41.8	0.90	136.02	9.5		04	22	33	39	00	48	0.712	136.2	1955.81213	1989.76819	15.2	16.5	——
1668	04	24	56.25	-40	02	48.3	0.67	182.80	57.3	P	04	25	1	-40	03	6	0.674	182.8	1983.03406	——	13.4	14.9	——
1669	04	25	23.42	-16	17	55.5	0.62	97.16	6.2	Bb	04	25	23	-16	17	54	0.538	111.6	1984.95496	1989.74243	17.7	19.8	——
1670	04	26	20.78	04	32	29.7	0.89	131.98	11.7		04	26	20	04	32	30	0.856	132.3	1953.86121	1986.76831	17.4	17.0	——
1671	04	27	53.61	11	46	53.5	0.64	146.45	5.7		04	27	54	11	46	54	0.575	147.3	1955.94604	1990.81470	13.7	14.8	——
1672	04	28	35.86	-25	10	11.5	0.57	178.21	1.9		04	28	36	-25	10	12	0.521	187.3	1980.94141	1995.82471	12.1	13.6	——
1673	04	30	15.14	-48	35	25.0	0.51	147.40	33.0	P	04	30	12	-48	35	36	0.507	147.4	1983.00964	——	13.9	15.4	——
1674	04	30	25.42	39	50	57.9	0.69	154.88	7.0		04	30	26	39	51	0	0.588	154.3	1953.02502	1989.76819	13.5	15.1	——
1675	04	31	7.35	-05	20	26.4	0.63	182.78	24.8	Bb	04	31	6	-05	20	12	0.521	201.2	1982.71704	1989.89038	12.6	14.6	——
1676	04	31	44.09	-21	50	46.7	1.00	147.33	40.7		04	31	44	-21	50	6	0.841	145.9	1983.03955	1995.82471	14.6	16.1	——
1677	04	31	52.86	79	26	42.7	0.50	126.70	3.2	P	04	31	54	79	26	42	0.503	126.7	1955.03894	——	14.5	15.8	——
1678	04	32	42.59	-39	47	14.5	1.10	167.35	47.4	b	04	32	44	-39	46	30	0.997	165.9	1983.03406	1992.07373	12.0	13.5	——
1679	04	33	17.61	68	46	52.8	0.60	156.41	10.4	cd	04	33	19	68	47	0	0.620	160.7	1954.97070	1993.72180	14.8	16.8	——
1680	04	33	18.53	68	46	56.3	0.60	159.71	8.8	cd	04	33	20	68	47	0	0.620	160.7	1954.97070	1993.72180	15.0	17.0	——
1681	04	33	34.06	20	44	44.5	0.60	124.62	2.7		04	33	34	20	44	42	0.546	126.6	1955.94324	1991.77930	13.8	15.3	——
1682	04	33	54.27	46	15	21.9	0.74	164.96	3.5		04	33	54	46	15	24	0.691	165.4	1953.77112	1989.76282	14.7	16.0	——
1683	04	34	11.65	50	35	38.3	0.49	105.14	5.0		04	34	12	50	35	42	0.500	102.9	1953.77112	1988.84790	13.3	14.5	——
1684	04	36	06.21	55	24	44.1	0.62	118.89	10.5	Ts	04	36	5	55	24	42	0.641	116.0	1953.76843	1990.82019	8.4	9.5	3736-00091-1
1685	04	36	24.83	-06	11	50.4	0.55	146.70	32.5	P	04	36	27	-06	11	48	0.545	146.7	1982.94653	——	14.4	15.8	——
1686	04	36	39.45	11	13	15.7	0.65	63.40	10.6		04	36	39	11	13	24	0.632	58.6	1955.94604	1990.82581	13.8	15.1	——
1687	04	36	56.36	-29	03	29.0	0.62	80.81	4.8		04	36	56	-29	03	30	0.517	71.0	1978.99854	1994.77258	13.6	15.1	——
1688	04	37	41.11	52	53	37.3	0.59	144.61	13.4	s	04	37	42	52	53	48	0.560	147.5	1953.76843	1990.82019	9.2	10.5	——
1689	04	37	48.78	08	08	25.3	0.56	173.57	12.5		04	37	48	08	08	30	0.530	180.2	1953.86121	1990.82581	12.3	13.4	——
1690	04	39	31.71	16	15	41.4	0.84	182.83	10.2		04	39	31	16	15	42	0.786	188.9	1955.94324	1991.79028	15.0	16.8	——
1691	04	40	14.59	15	38	50.4	0.66	168.68	10.3		04	40	15	15	38	42	0.597	169.7	1955.94324	1991.79028	17.4	20.7	——
1692	04	40	19.32	18	23	21.6	0.56	116.38	10.3		04	40	20	18	23	18	0.537	115.8	1955.94324	1991.77930	14.2	15.7	——
1693	04	40	28.59	09	23	45.9	0.80	180.08	56.8		04	40	32	09	24	12	0.765	183.9	1955.94604	1990.82581	16.7	16.0	——
1694	04	40	41.69	-12	43	32.6	0.88	113.27	5.7	Bb	04	40	42	-12	43	36	0.720	108.3	1984.90601	1990.89587	14.3	15.4	——

Table 2—Continued

LHS	New data								Dist.[c]	Com.[d]	Luyten's original data								Epoch		m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]			RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II			
1695	04	41	21.89	22	54	25.6	0.70	141.34	4.7		04	41	22	22	54	30	0.650	144.8	1950.94299	1991.10718	12.5	13.6	——
1696	04	41	36.32	42	07	6.5	0.68	127.93	10.0	Tcs	04	41	37	42	07	0	0.687	127.7	1953.02502	1989.74634	7.3	8.0	2901-00064-1
1697	04	42	16.02	57	42	26.9	0.56	187.93	3.0	T	04	42	16	57	42	30	0.525	184.5	1953.11267	1992.76624	11.5	12.9	3741-00552-1
1698	04	42	52.89	29	29	1.6	0.87	151.90	11.7		04	42	52	29	29	0	0.802	149.7	1954.99512	1989.89661	15.6	17.3	——
1699	04	43	57.92	07	44	32.0	0.63	98.86	13.8		04	43	57	07	44	30	0.617	95.5	1954.08264	1990.82581	15.7	17.0	——
1700	04	45	7.73	-11	51	43.1	0.75	92.79	10.8	b	04	45	7	-11	51	42	0.639	81.1	1982.78271	1990.89319	12.9	15.0	——
1701	04	45	38.58	-50	04	27.2	0.56	233.05	6.2	TPW	04	45	38	-50	04	30	0.580	232.4	1983.00964	——	7.7	8.7	8083-00405-1
1702	04	48	10.28	48	32	29.9	0.56	125.34	9.3		04	48	11	48	32	24	0.503	123.9	1953.77112	1988.84790	15.0	16.1	——
1703	04	48	32.27	22	06	20.5	0.82	175.62	13.3		04	48	33	22	06	12	0.685	178.5	1955.81482	1986.83130	14.1	15.4	——
1704	04	49	49.53	-39	54	17.6	0.40	49.24	82.3		04	49	46	-39	53	6	0.516	34.4	1976.81055	1992.07373	13.0	14.1	——
1705	04	50	50.66	26	07	24.8	0.67	115.13	8.2		04	50	51	26	07	18	0.617	111.9	1955.81482	1991.10718	13.1	14.6	——
1706	04	50	51.06	22	07	19.1	0.83	126.58	1.4		04	50	51	22	07	18	0.744	123.6	1955.81482	1986.83130	14.7	16.5	——
1707	04	51	4.97	-31	33	51.4	0.94	47.58	3.4		04	51	5	-31	33	48	0.899	42.5	1978.77185	1994.78357	13.2	14.7	——
1708	04	51	43.56	45	50	3.0	0.68	146.26	10.1	Tcs	04	51	44	45	49	54	0.676	145.7	1953.77112	1989.76282	7.0	7.7	3343-00895-1
1709	04	52	53.75	69	11	23.6	0.58	112.25	12.5	d	04	52	54	69	11	36	0.545	116.7	1954.97070	1994.83386	17.4	18.9	——
1710	04	53	8.26	30	47	28.5	0.86	154.82	5.6		04	53	8	30	47	24	0.814	160.2	1954.99512	1996.79333	14.0	14.9	——
1711	04	53	13.04	69	11	41.7	0.59	112.67	12.3	cd	04	53	13	69	11	54	0.545	116.7	1954.97070	1994.83386	15.7	17.3	——
1712	04	53	49.40	-17	46	23.9	0.77	143.80	8.6	2	04	53	50	-17	46	24	0.765	143.8	1980.04492	1990.89587	10.9	12.2	——
1713	04	54	13.16	70	50	6.9	0.47	122.49	46.4		04	54	7	70	50	42	0.505	116.4	1953.78491	1994.83386	16.2	17.7	——
1714	04	55	57.80	45	29	56.5	0.58	142.54	3.3		04	55	58	45	29	54	0.524	140.4	1953.77112	1989.76282	12.5	13.6	——
1715	04	56	6.76	25	53	58.9	0.57	203.23	91.3	d	04	56	0	25	53	54	0.557	209.6	1955.81482	1991.10718	14.2	15.9	——
1716	04	56	9.36	25	53	16.6	0.57	203.44	86.0	d	04	56	3	25	53	12	0.557	209.6	1955.81482	1991.10718	13.5	15.3	——
1717	04	56	24.52	-28	04	32.8	0.65	155.43	7.6		04	56	24	-28	04	36	0.608	157.0	1978.77185	1994.78357	13.9	15.0	——
1718	04	56	23.37	14	55	10.3	0.55	148.40	6.9		04	56	23	14	55	6	0.505	149.2	1955.96240	1989.84204	11.9	13.0	——
1719	04	57	59.70	34	16	4.0	0.71	108.09	8.9	s	04	57	59	34	16	6	0.601	108.1	1955.86133	1989.91577	8.7	9.5	——
1720	04	58	6.86	-26	57	34.0	0.49	232.97	12.2		04	58	6	-26	57	30	0.517	231.4	1982.89209	1996.79504	16.2	17.7	——
1721	04	58	45.98	50	56	37.7	0.60	124.89	10.2	T	04	58	45	50	56	42	0.590	123.2	1953.77112	1996.72803	11.2	13.5	3356-00812-1
1722	05	00	40.74	33	48	52.0	0.80	110.34	9.4		05	00	40	33	48	54	0.713	107.0	1955.86133	1989.91577	14.7	16.0	——
1723	05	01	57.48	-06	56	47.4	6.83	130.79	10.2	Bb	05	01	58	-06	56	54	0.773	224.9	1984.88147	1985.05200	12.0	13.5	——
1724	05	02	17.08	-56	04	52.4	0.62	353.90	7.7	PWc	05	02	17	-56	05	0	0.622	353.9	1986.97107	——	7.0	7.7	——
1725	05	02	20.19	-19	32	4.4	0.67	128.44	10.7	TPd	05	02	20	-19	31	54	0.659	128.6	1980.04492	——	11.8	13.5	5908-00550-1
1726	05	02	20.90	-19	32	1.5	0.66	128.60	7.7	Pcd	05	02	21	-19	31	54	0.659	128.6	1980.04492	——	13.9	15.5	——
1727	05	02	22.58	-56	05	54.6	0.66	353.90	21.3	PW	05	02	25	-56	05	48	0.660	353.9	1986.97107	——	10.9	12.4	——
1728	05	02	45.59	61	30	48.7	0.60	90.51	33.2		05	02	41	61	30	54	0.591	88.3	1954.16748	1989.97046	12.7	14.3	——
1729	05	02	44.24	-31	28	39.9	0.69	162.11	18.7		05	02	43	-31	28	30	0.599	163.8	1978.77185	1994.78357	14.2	15.2	——
1730	05	02	50.80	-32	14	36.9	0.79	103.62	12.3		05	02	50	-32	14	30	0.712	97.9	1978.77185	1994.78357	17.0	18.8	——
1731	05	03	20.09	-17	22	24.8	0.50	206.79	16.5	HP	05	03	19	-17	22	30	0.501	202.8	1983.84839	——	11.8	—	23512
1732	05	04	26.99	15	49	18.4	0.63	162.71	0.5		05	04	27	15	49	18	0.550	168.0	1955.88306	1989.84204	14.8	15.7	——
1733	05	05	40.83	56	28	38.8	0.59	168.20	10.2		05	05	42	56	28	42	0.580	170.4	1954.97339	1989.89941	14.6	16.4	——
1734	05	05	52.46	-17	22	44.5	0.69	15.60	8.5	P	05	05	53	-17	22	48	0.687	15.6	1983.84839	——	15.9	15.7	——
1735	05	06	31.50	-29	27	15.1	0.59	53.00	7.2		05	06	31	-29	27	18	0.576	43.0	1978.77185	1994.78357	13.4	14.9	——
1736	05	07	27.01	18	38	42.2	0.54	87.94	6.2	Tcs	05	07	27	18	38	36	0.540	88.5	1955.88306	1989.75195	5.0	5.7	1286-00403-1
1737	05	08	18.88	-14	50	24.1	0.54	154.10	1.8	P	05	08	19	-14	50	24	0.543	154.1	1983.84839	——	17.7	16.9	——
1738	05	08	35.51	20	25	24.0	0.60	164.68	9.1		05	08	36	20	25	18	0.596	162.1	1953.02246	1989.75195	14.9	16.3	——
1739	05	08	36.36	-15	23	12.9	0.62	20.70	7.3	P	05	08	36	-15	23	18	0.625	20.7	1983.84839	——	18.3	18.5	——
1740	05	09	10.07	15	27	30.9	0.73	168.48	5.2		05	09	10	15	27	36	0.642	166.8	1953.02246	1989.84204	12.2	13.8	——
1741	05	09	35.28	70	20	29.2	0.78	173.24	77.5		05	09	34	70	19	12	0.735	176.9	1953.78491	1994.83386	14.5	16.0	——
1742	05	10	31.38	31	17	34.8	0.63	108.64	19.1		05	10	30	31	17	42	0.690	104.1	1955.80945	1996.79333	14.6	16.5	——
1742a	05	10	39.13	19	24	5.5	0.87	114.00	1.9		05	10	39	19	24	6	0.830	112.9	1953.02246	1989.75195	18.0	20.9	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1743	05	10	57.52	18	37	33.0	0.72	196.61	8.0		05	10	57	18	37	36	0.682	199.4	1953.02246	1989.75195	13.6	15.7	——
1744	05	11	54.10	-09	06	44.6	19.84	335.43	9.5	Bb	05	11	54	-09	06	54	0.567	186.3	1984.87866	1985.05481	8.3	9.4	——
1745	05	12	53.48	19	43	18.5	0.80	150.27	6.8	cs	05	12	53	19	43	18	0.792	150.5	1953.02246	1989.75195	10.0	11.3	——
1746	05	14	58.50	44	31	44.6	0.69	177.40	6.4	T	05	14	58	44	31	48	0.660	178.2	1953.12097	1989.74365	10.5	11.7	2908-00831-1
1747	05	15	08.05	-07	20	48.4	0.51	147.97	17.6	TBb	05	15	8	-07	21	6	0.545	145.4	1984.89795	1985.05481	11.5	12.9	4764-00228-1
1748	05	15	46.81	-31	17	46.2	0.57	71.78	3.0		05	15	47	-31	17	48	0.576	63.8	1976.88965	1992.76233	12.0	13.6	——
1749	05	16	0.75	-72	14	14.8	0.60	14.78	27.1	Bb	05	16	0	-72	13	48	0.840	356.3	1987.06421	1992.83875	12.1	13.6	——
1750	05	17	15.83	53	44	44.4	0.56	180.80	3.9		05	17	16	53	44	48	0.546	182.2	1954.97339	1989.89941	15.7	17.3	——
1751	05	17	56.15	-53	39	53.0	0.51	154.20	82.5	P	05	18	5	-53	40	18	0.512	154.2	1976.82434	——	12.0	13.1	——
1752	05	18	44.59	60	29	46.5	0.54	154.19	11.8		05	18	43	60	29	48	0.527	156.3	1954.16748	1989.97046	13.5	15.1	——
1753	05	19	8.60	40	05	54.6	0.91	140.49	8.1	cs	05	19	9	40	05	48	0.845	141.5	1953.12097	1988.84521	4.6	5.2	——
1754	05	19	12.52	-03	04	26.5	0.66	77.11	8.0	bcds	05	19	13	-03	04	30	0.738	80.2	1984.89795	1994.00818	8.4	9.7	——
1755	05	19	12.64	-03	04	22.7	0.72	79.01	9.1	Hbcdms	05	19	13	-03	04	30	0.738	80.2	1984.89795	1994.00818	11.4	—	24819B
1756	05	19	32.76	-05	48	20.2	0.54	115.10	5.2	P	05	19	33	-05	48	24	0.541	115.1	1984.89795	——	13.0	14.7	——
1757	05	20	40.92	58	47	18.5	0.56	162.57	5.5	d	05	20	41	58	47	24	0.526	160.3	1954.16748	1989.97046	13.0	14.8	——
1758	05	20	41.60	58	47	31.8	0.56	160.79	10.7	d	05	20	42	58	47	42	0.526	160.3	1954.16748	1989.97046	12.5	14.7	——
1759	05	23	11.65	33	11	0.4	0.83	150.17	9.9		05	23	11	33	11	6	0.752	146.5	1954.99524	1988.91882	12.2	13.3	——
1760	05	27	32.99	51	33	6.8	0.70	137.40	0.8		05	27	33	51	33	6	0.628	134.7	1954.97339	1989.77100	16.1	17.7	——
1761	05	28	00.15	09	38	38.1	0.78	194.34	4.5	H	05	28	0	09	38	42	0.783	195.1	1954.84180	1989.85022	12.5	—	25578
1762	05	28	17.12	02	50	53.3	0.55	132.77	1.9		05	28	17	02	50	54	0.526	135.3	1953.91333	1990.81763	12.5	13.8	——
1763	05	28	26.06	-03	29	58.5	0.86	202.50	7.5	PW	05	28	26	-03	30	6	0.857	202.5	1984.89795	——	8.4	9.6	——
1764	05	29	50.51	52	39	51.4	0.78	144.23	5.3	m	05	29	50	52	39	54	0.673	146.7	1954.97339	1991.11267	16.2	16.0	——
1765	05	29	52.78	32	04	49.7	0.72	193.16	19.1		05	29	52	32	05	6	0.700	198.4	1955.80945	1989.89124	12.8	13.9	——
1766	05	29	52.08	-03	26	30.7	0.47	167.55	1.4	Bb	05	29	52	-03	26	30	0.570	214.0	1984.89795	1990.97266	11.7	13.0	——
1767	05	31	4.42	-30	11	45.8	0.66	141.00	6.7		05	31	4	-30	11	42	0.571	142.0	1976.88965	1992.76233	12.8	14.6	——
1768	05	33	30.13	-09	07	44.9	0.49	70.95	58.0	HBb	05	33	34	-09	07	54	0.515	68.7	1982.79639	1985.05481	12.4	—	26058
1769	05	34	48.62	-23	28	8.3	0.54	143.64	6.4	Ts	05	34	49	-23	28	12	0.576	142.3	1980.10498	1996.95349	8.9	10.0	6476-01714-1
1770	05	38	09.37	-46	06	21.8	0.50	197.90	4.4	TPWcdm	05	38	9	-46	06	24	0.508	197.0	1981.14636	——	7.6	8.4	8087-00703-1
1771	05	38	09.88	-46	06	20.6	0.50	194.95	9.8	HPWcdm	05	38	9	-46	06	24	0.508	197.0	1981.14636	——	9.4	—	26501B
1772	05	38	11.86	51	26	44.7	0.56	280.88	8.8	Tcs	05	38	12	51	26	36	0.545	281.8	1953.11279	1989.77100	7.8	8.8	3372-00438-1
1773	05	40	54.43	55	43	24.7	0.49	177.22	13.2		05	40	54	55	43	12	0.518	183.2	1953.11279	1991.11267	13.6	15.5	——
1774	05	41	20.34	53	28	51.8	0.52	179.62	11.4	Tcds	05	41	21	53	28	42	0.521	179.4	1953.11279	1991.11267	6.3	7.3	3749-01334-1
1775	05	41	30.73	53	29	23.3	0.52	179.65	5.8	Hd	05	41	31	53	29	18	0.521	179.4	1953.11279	1991.11267	9.8	11.5	26801
1776	05	42	13.13	07	24	7.2	0.49	222.03	5.1	T	05	42	13	07	24	12	0.520	222.3	1955.89697	1992.06335	11.0	11.8	0127-00367-1
1777	05	42	12.79	-05	27	57.2	0.86	0.33	4.5	b	05	42	13	-05	27	54	0.971	352.3	1984.00696	1990.97266	14.3	16.0	——
1778	05	42	45.59	02	41	39.5	0.63	153.75	10.5	d	05	42	46	02	41	48	0.566	155.8	1951.91052	1992.06335	13.4	14.9	——
1779	05	42	45.84	02	40	44.5	0.58	154.29	4.2	Td	05	42	46	02	40	48	0.566	155.8	1951.91052	1992.06335	8.7	9.7	0119-00081-1
1780	05	44	56.80	09	14	30.6	0.70	176.84	17.7	Hc	05	44	57	09	14	48	0.623	170.9	1951.84497	1991.85864	12.8	—	27111B
1781	05	45	43.25	-22	20	6.8	0.74	195.12	7.6		05	45	43	-22	20	0	0.633	205.3	1978.09167	1993.95886	14.7	16.0	——
1782	05	45	48.30	62	14	12.7	0.86	158.49	9.1	s	05	45	47	62	14	12	0.838	166.3	1954.01172	1996.92151	9.5	10.8	——
1783	05	46	01.89	37	17	4.7	0.71	136.23	10.8	Tcs	05	46	2	37	16	54	0.707	136.7	1954.89966	1989.75745	7.4	8.4	2417-00368-1
1784	05	46	38.55	44	07	18.6	0.66	234.92	6.0		05	46	38	44	07	18	0.683	239.6	1953.02515	1989.76013	12.0	14.5	——
1785	05	47	9.21	-05	12	12.8	0.93	133.58	11.6	b	05	47	9	-05	12	24	0.804	135.9	1984.00696	1990.97266	14.3	15.8	——
1786	05	47	15.83	56	35	10.8	0.57	168.59	9.8		05	47	17	56	35	12	0.533	167.0	1953.11279	1991.11267	13.6	14.5	——
1787	05	47	40.58	-36	19	42.8	0.78	99.13	23.0	TPW	05	47	39	-36	19	30	0.692	96.6	1976.98511	——	10.9	12.5	7069-01044-1
1788	05	47	52.47	69	44	26.0	0.91	126.59	51.7		05	47	43	69	44	42	0.915	125.9	1954.09912	1994.83386	15.9	17.4	——
1789	05	49	57.08	36	50	23.5	0.53	165.70	6.5		05	49	57	36	50	30	0.510	165.1	1954.89966	1989.75745	12.3	13.4	——
1790	05	50	24.11	17	19	16.8	0.61	144.75	12.8		05	50	25	17	19	18	0.589	143.1	1951.90771	1996.86438	15.4	16.0	——
1791	05	50	55.44	10	56	54.5	0.75	121.85	6.5		05	50	55	10	56	54	0.673	117.9	1951.84497	1991.85864	14.1	15.0	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1792	05	51	19.30	-20	52	44.7	0.69	160.52	5.3	Tbcs	05	51	19	-20	52	48	0.685	160.6	1982.86755	1992.07373	3.9	5.0	5930-02195-1
1793	05	52	29.26	-55	06	43.4	0.70	201.83	74.4		05	52	22	-55	07	24	0.677	207.6	1978.02332	1993.88770	11.8	13.3	——
1794	05	53	14.18	24	15	30.8	0.66	162.52	5.8		05	53	14	24	15	36	0.610	169.1	1951.85315	1992.06616	11.2	12.7	——
1795	05	53	33.29	06	38	24.9	0.76	124.29	6.7		05	53	33	06	38	30	0.703	123.5	1955.89697	1989.84753	16.3	18.5	——
1796	05	54	06.08	-63	05	22.9	0.57	14.51	1.2	Tcdms	05	54	6	-63	05	24	0.556	14.7	1975.02625	1989.07947	4.8	6.0	8896-01535-1
1797	05	54	10.81	-50	21	45.2	0.56	9.65	3.4	Tcdms	05	54	11	-50	21	48	0.573	7.9	1978.03137	1993.96167	6.6	7.7	8096-00192-1
1798	05	54	28.58	02	08	32.0	0.65	173.14	11.8	TBbs	05	54	29	02	08	42	0.571	169.5	1984.06421	1990.80676	8.9	10.2	0121-00039-1
1799	05	55	17.05	51	05	4.6	0.65	143.80	4.6		05	55	17	51	05	0	0.632	137.2	1953.11279	1989.92407	14.9	16.2	——
1800	05	55	21.78	00	41	41.1	0.80	161.06	18.3	b	05	55	23	00	41	42	0.784	163.1	1984.06421	1990.80676	14.7	15.8	——
1801	05	55	43.05	46	50	48.9	0.54	178.70	5.1	Pcd	05	55	43	46	50	54	0.537	178.7	1952.97339	——	16.8	17.1	——
1802	05	55	43.74	46	50	57.3	0.54	178.70	9.1	Pd	05	55	44	46	51	6	0.537	178.7	1952.97339	——	14.1	16.6	——
1803	05	56	3.53	13	55	26.6	0.72	143.81	7.3	cs	05	56	4	13	55	24	0.614	140.0	1951.84497	1990.86682	6.3	7.1	——
1804	06	00	19.58	-31	01	43.4	1.08	339.55	11.9	Hcs	06	00	20	-31	01	54	0.560	314.4	1980.03687	1995.06299	8.7	9.7	28442
1805	06	01	11.13	59	35	49.9	0.98	183.51	16.7	m	06	01	9	59	35	54	0.831	190.1	1954.01172	1996.92151	11.8	13.4	——
1806	06	02	2.34	50	13	12.7	0.61	150.05	6.2		06	02	2	50	13	18	0.611	155.3	1952.97339	1989.92407	14.4	16.3	——
1807	06	02	22.68	-20	19	45.5	0.45	4.66	5.7	b	06	02	23	-20	19	42	0.579	356.4	1982.86755	1992.07373	12.2	15.0	——
1808	06	02	25.62	66	20	40.0	0.59	143.73	9.2		06	02	27	66	20	36	0.594	144.7	1953.12378	1996.79358	14.6	16.1	——
1809	06	02	29.32	49	51	55.3	0.86	172.53	22.9		06	02	29	49	52	18	0.801	174.5	1952.97339	1989.92407	14.7	16.3	——
1810	06	02	54.23	-09	15	4.5	0.83	162.12	3.7	Bb	06	02	54	-09	15	6	0.608	170.2	1982.88928	1990.89587	16.1	17.8	——
1811	06	03	14.90	19	21	36.5	0.96	132.22	13.9	dm	06	03	14	19	21	42	0.880	132.6	1955.89612	1990.80957	9.6	10.2	——
1812	06	03	14.89	19	21	36.5	0.94	132.49	13.7	dm	06	03	14	19	21	42	0.880	132.6	1955.89612	1990.80957	12.7	13.9	——
1813	06	03	29.64	47	48	13.5	0.58	183.60	6.6		06	03	29	47	48	12	0.595	187.6	1952.97339	1989.92407	12.8	15.1	——
1814	06	03	54.18	26	08	53.5	0.66	150.93	11.7		06	03	54	26	08	42	0.642	149.4	1954.89429	1992.06616	13.8	15.6	——
1815	06	04	20.59	-55	18	47.5	0.91	68.65	100.8		06	04	31	-55	18	0	0.760	65.7	1978.02332	1993.88770	11.4	12.5	——
1816	06	04	36.16	-11	25	26.1	0.78	140.05	3.2	Bb	06	04	36	-11	25	24	0.589	134.3	1982.88928	1990.89587	16.3	18.6	——
1817	06	05	29.60	60	49	21.3	0.88	157.92	5.2		06	05	29	60	49	24	0.839	157.4	1954.01172	1990.00073	13.7	15.0	——
1818	06	06	03.51	-59	32	35.5	0.78	196.59	65.1	TPW	06	06	7	-59	31	36	0.734	194.3	1979.97144	——	8.5	9.5	8533-00178-1
1819	06	06	30.08	04	30	40.0	0.83	168.40	15.9	d	06	06	31	04	30	48	0.797	168.0	1950.94324	1989.84753	11.1	12.4	——
1820	06	06	30.62	04	30	30.4	0.85	168.73	27.1	cd	06	06	32	04	30	48	0.797	168.0	1950.94324	1989.84753	14.7	16.2	——
1821	06	06	54.07	-19	26	39.3	0.74	159.29	3.4	b	06	06	54	-19	26	36	0.642	164.3	1982.86755	1992.07373	16.4	17.7	——
1822	06	07	17.22	73	31	58.8	0.72	213.48	61.1	c	06	07	8	73	31	12	0.793	216.5	1954.09912	1992.83716	15.9	16.8	——
1823	06	08	16.46	-32	16	46.7	0.81	95.31	7.5		06	08	16	-32	16	42	0.728	93.0	1980.03687	1995.06299	12.5	14.5	——
1824	06	09	2.01	26	33	25.1	0.55	252.53	1.2		06	09	2	26	33	24	0.570	255.0	1954.89429	1997.02515	13.4	15.1	——
1825	06	09	24.92	-08	57	44.3	0.79	96.44	2.6	Bb	06	09	25	-08	57	42	0.589	88.3	1982.88928	1990.89587	11.5	12.8	——
1826	06	09	58.64	69	53	16.2	0.54	159.90	110.1	Pc	06	09	57	69	55	6	0.536	159.9	1954.09912	——	18.4	21.0	——
1827	06	10	34.64	-21	51	54.3	0.83	187.91	25.9	s	06	10	33	-21	51	42	0.729	188.3	1981.14917	1996.12292	8.8	10.0	——
1828	06	10	46.31	25	56	2.2	0.60	165.31	12.4		06	10	47	25	55	54	0.568	161.8	1954.89429	1997.02515	11.7	13.3	——
1829	06	11	3.42	68	18	31.1	0.53	173.70	111.0	P	06	10	52	68	17	0	0.527	173.7	1953.12378	——	18.5	21.0	——
1830	06	10	54.79	10	19	4.9	0.94	176.84	5.8	TPW	06	10	55	10	19	0	0.970	175.8	1955.94336	——	10.8	11.9	0734-01930-3
1831	06	10	52.94	-43	24	19.5	0.72	19.46	23.7		06	10	55	-43	24	12	0.740	9.5	1979.00415	1991.87402	12.3	13.4	——
1832	06	10	59.73	-65	12	20.8	0.78	167.06	40.3	H	06	10	55	-65	12	48	0.764	167.1	1975.02625	1989.07947	11.6	12.0	29322
1833	06	15	6.30	-32	04	13.1	0.09	136.35	30.1		06	15	5	-32	03	48	0.662	30.2	1980.03687	1995.06299	19.2	21.0	——
1834	06	15	29.13	-31	09	22.5	0.82	130.11	12.0		06	15	30	-31	09	18	0.703	131.4	1980.03687	1995.06299	16.2	17.7	——
1835	06	16	42.96	47	03	37.2	0.50	173.52	10.9	Tcs	06	16	42	47	03	42	0.515	174.2	1950.93811	1989.82568	9.3	10.2	3379-01526-1
1836	06	19	20.71	-06	39	23.1	0.67	187.00	10.6	P	06	19	20	-06	39	24	0.669	187.0	1983.93591	——	12.6	14.3	——
1837	06	19	50.95	-59	52	25.8	0.65	157.74	24.5		06	19	48	-59	52	36	0.555	160.8	1979.97144	1995.06580	13.7	15.2	——
1838	06	20	47.82	06	45	16.3	0.52	91.70	3.2		06	20	48	06	45	18	0.515	93.3	1953.94067	1990.82043	16.1	16.4	——
1839	06	21	27.42	-16	28	22.6	0.50	154.60	8.5	Pcm	06	21	28	-16	28	24	0.500	154.6	1983.86218	——	17.5	20.4	——
1840	06	21	53.81	-22	43	24.0	0.69	293.47	2.6	T	06	21	54	-22	43	24	0.671	292.6	1981.02344	1996.03552	11.1	12.7	6506-00667-1

Table 2—Continued

LHS	New data								Dist.[c]	Com.[d]	Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]			RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1841	06	22	38.46	-12	53	5.3	0.90	140.20	8.5	P	06	22	38	-12	53	0	0.900	140.2	1983.86218	——	12.7	13.8	——
1842	06	22	38.74	-24	31	14.5	0.56	215.78	19.2		06	22	40	-24	31	6	0.528	225.5	1981.02344	1996.03552	15.9	17.7	——
1843	06	23	8.75	-32	32	12.6	0.83	125.87	9.5		06	23	8	-32	32	12	0.788	126.2	1978.09717	1992.98364	15.6	17.3	——
1844	06	24	7.61	-25	12	6.0	0.62	0.63	24.9		06	24	6	-25	11	54	0.700	348.0	1981.02344	1996.03552	13.0	14.5	——
1845	06	24	24.35	-42	50	51.1	0.78	354.46	9.8	Tcs	06	24	24	-42	50	42	0.772	353.3	1979.95508	1995.06299	6.7	7.5	7621-01364-1
1845a	06	24	35.21	42	38	43.2	0.59	178.21	21.0		06	24	37	42	38	36	0.592	186.2	1953.12109	1989.89685	17.5	19.8	——
1846	06	24	41.27	23	25	59.1	0.75	132.80	49.9		06	24	42	23	26	48	0.763	132.4	1954.89429	1997.02515	13.1	14.9	——
1847	06	25	18.77	-26	49	20.5	0.62	177.89	9.0		06	25	19	-26	49	12	0.521	185.9	1981.02344	1996.03552	12.8	14.8	——
1848	06	25	53.19	56	10	23.8	0.55	164.09	6.4		06	25	53	56	10	30	0.530	166.3	1954.15112	1991.10742	13.3	15.6	——
1849	06	29	23.52	-02	48	51.0	1.88	119.39	11.5	Bdm	06	29	24	-02	49	0	0.997	134.8	1983.93591	1986.02734	11.5	13.2	——
1850	06	29	23.52	-02	48	51.1	1.91	119.94	11.4	Bdm	06	29	24	-02	49	0	0.997	134.8	1983.93591	1986.02734	—	16.0	——
1851	06	29	40.21	35	53	32.2	0.52	137.48	9.8	T	06	29	41	35	53	30	0.558	136.3	1954.84241	1996.77722	10.1	11.3	2434-00901-1
1852	06	32	22.62	-69	57	48.5	0.60	38.99	56.1	b	06	32	20	-69	56	54	0.701	17.4	1978.10254	1987.90686	12.5	14.0	——
1853	06	32	30.85	64	06	18.7	0.62	150.98	21.7		06	32	34	64	06	12	0.627	150.9	1953.12378	1989.97339	14.3	15.8	——
1854	06	33	32.99	57	52	39.0	0.62	166.66	12.1		06	33	34	57	52	48	0.530	170.0	1954.83972	1990.00073	14.5	16.0	——
1855	06	33	50.28	-58	31	43.6	0.82	337.93	44.5		06	33	45	-58	32	0	0.885	332.8	1979.97144	1995.06580	11.8	13.3	——
1856	06	34	21.31	59	05	46.5	0.54	193.13	2.8		06	34	21	59	05	48	0.516	204.5	1954.83972	1990.00073	14.3	15.6	——
1857	06	36	6.54	11	37	1.6	0.90	190.20	10.2	P	06	36	7	11	36	54	0.901	190.2	1951.91614	——	14.3	15.6	——
1858	06	37	10.80	17	33	53.3	0.84	293.83	11.5	T	06	37	10	17	33	54	0.885	293.4	1955.86157	1990.95984	9.8	11.5	1333-01683-1
1859	06	37	59.45	-09	24	36.3	2.98	154.46	6.7	Bb	06	37	59	-09	24	36	0.632	137.4	1984.17871	1985.05200	15.5	17.4	——
1860	06	38	7.73	22	19	46.4	0.64	196.13	8.4	dm	06	38	8	22	19	54	0.641	201.3	1949.89966	1990.95984	13.0	14.8	——
1861	06	38	7.73	22	19	46.5	0.63	196.18	8.4	dm	06	38	8	22	19	54	0.641	201.3	1949.89966	1990.95984	14.8	16.7	——
1862	06	41	15.18	34	43	7.3	0.61	184.66	5.2		06	41	15	34	43	12	0.578	187.1	1954.84241	1989.83679	14.5	16.3	——
1863	06	42	6.00	69	36	45.7	0.54	220.91	64.3		06	42	3	69	37	48	0.514	224.3	1953.11292	1989.97070	15.6	17.1	——
1864	06	43	49.89	51	08	17.9	0.96	171.97	1.0		06	43	50	51	08	18	0.922	173.6	1954.15112	1989.96790	11.7	13.8	——
1865	06	44	45.69	71	53	15.5	0.56	192.67	2.9	T	06	44	46	71	53	18	0.555	193.1	1953.11292	1989.97070	11.2	13.2	4366-00060-1
1866	06	46	05.05	32	33	20.4	0.46	282.26	13.5	Tds	06	46	4	32	33	18	0.528	280.5	1953.92993	1989.83679	8.9	10.1	2440-00464-1
1867	06	46	7.60	32	33	13.2	0.38	280.03	20.3	cdms	06	46	6	32	33	12	0.528	280.5	1953.92993	1989.83679	12.2	13.8	——
1868	06	46	14.15	79	33	53.3	0.61	189.29	5.3	Ts	06	46	14	79	33	48	0.616	189.4	1954.76575	1997.18115	5.5	6.1	4534-01837-1
1869	06	46	28.68	33	34	38.5	0.62	183.18	16.9		06	46	30	33	34	42	0.578	186.7	1954.84241	1989.83679	14.3	15.8	——
1870	06	47	37.99	37	30	57.0	0.97	193.70	3.0	T	06	47	38	37	30	54	0.968	193.3	1954.84241	1989.85596	12.2	12.0	2941-01747-1
1871	06	47	17.37	14	20	27.2	0.50	191.00	6.1	P	06	47	17	14	20	30	0.502	191.0	1951.90784	——	13.8	15.5	——
1872	06	50	31.27	-09	38	46.5	2.07	133.81	4.3	Bb	06	50	31	-09	38	48	0.500	198.0	1984.17871	1985.05200	12.0	13.5	——
1873	06	50	59.51	-09	10	51.7	2.67	136.16	8.4	Bb	06	50	59	-09	10	48	0.582	190.7	1984.17871	1985.05200	13.8	14.9	——
1874	06	51	32.39	47	22	4.1	0.74	199.46	6.5	Ts	06	51	33	47	22	6	0.737	198.7	1953.18408	1989.91602	9.1	10.6	3394-00019-1
1875	06	52	18.05	-05	10	25.4	0.54	269.74	4.7	TBbcds	06	52	18	-05	10	30	0.541	270.0	1983.17102	1985.05481	6.7	8.0	4808-00939-1
1876	06	52	18.07	-05	11	25.6	1.05	209.41	4.5	Bbcds	06	52	18	-05	11	30	0.541	270.0	1983.17102	1985.05481	10.3	12.0	——
1877	06	53	19.68	-53	07	11.0	0.46	7.89	100.5		06	53	12	-53	08	24	0.500	355.1	1979.96606	1992.16394	12.2	13.7	——
1878	06	53	33.94	-28	32	23.2	0.52	147.29	6.8	Tbcs	06	53	34	-28	32	30	0.517	148.2	1978.10535	1992.98633	6.1	6.9	6534-00866-1
1879	06	54	49.14	33	16	3.7	0.80	236.32	14.4		06	54	49	33	16	18	0.851	242.3	1954.84241	1989.83679	10.8	12.3	——
1880	06	54	55.58	43	30	47.9	0.75	194.21	4.6		06	54	56	43	30	48	0.754	199.5	1953.18665	1989.91602	14.8	16.7	——
1881	06	55	53.21	-56	56	32.8	0.62	358.69	3.7	Tcs	06	55	53	-56	56	36	0.594	358.5	1978.09180	1992.16394	7.5	8.1	8545-00288-1
1882	06	56	23.52	54	58	26.7	0.70	195.78	5.6		06	56	23	54	58	30	0.706	199.2	1954.07458	1991.10742	11.8	13.1	——
1883	06	56	31.03	44	01	54.8	0.72	165.25	0.8		06	56	31	44	01	54	0.708	164.7	1954.15393	1989.91602	13.7	15.3	——
1884	06	56	34.18	01	09	43.5	0.58	181.05	3.1	Tcs	06	56	34	01	09	42	0.567	181.0	1955.21130	1989.02734	7.5	8.2	0149-02914-1
1884a	06	56	56.63	38	53	49.1	0.59	145.93	13.2		06	56	56	38	54	0	0.513	139.5	1954.15393	1989.85596	14.5	16.1	——
1885	06	57	57.08	62	19	19.4	0.60	147.76	4.6		06	57	57	62	19	24	0.516	139.9	1954.83972	1989.97339	12.9	14.4	——
1886	06	58	38.57	00	28	50.4	0.65	151.27	8.9	s	06	58	38	00	28	48	0.703	150.6	1955.21130	1989.02734	9.3	9.9	——
1887	06	59	19.79	-10	16	7.8	0.92	173.70	71.1	Bb	06	59	15	-10	16	0	0.729	181.9	1983.10278	1989.01917	13.6	15.1	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1888	07	00	29.96	66	50	8.2	0.57	183.89	2.2		07	00	30	66	50	6	0.524	181.5	1953.18115	1989.97339	13.8	15.4	——
1889	07	00	51.75	31	57	42.4	0.73	149.43	6.5		07	00	52	31	57	48	0.684	150.6	1955.14575	1988.12622	16.0	16.9	——
1890	07	01	38.59	48	22	43.2	0.70	128.43	26.8	Ts	07	01	36	48	22	36	0.710	129.1	1953.18408	1989.92969	8.1	9.3	3395-01455-1
1891	07	01	36.88	06	24	28.8	0.67	179.64	7.4	H	07	01	37	06	24	36	0.600	179.4	1953.99268	1990.88062	12.0	—	33851
1892	07	01	54.83	-06	27	49.0	1.08	187.40	25.1	b	07	01	55	-06	27	24	0.898	185.0	1983.04517	1989.17261	16.4	16.2	——
1893	07	03	30.46	29	20	13.5	0.84	169.29	9.6	Tcs	07	03	30	29	20	6	0.843	169.3	1955.14575	1988.12622	6.0	6.7	1907-00321-1
1894	07	04	18.27	71	51	45.4	0.89	169.75	8.7		07	04	18	71	51	54	0.888	171.1	1953.11292	1989.97070	16.3	17.8	——
1895	07	04	17.70	-10	30	31.7	0.82	189.71	8.9	TBb	07	04	18	-10	30	24	0.806	188.5	1983.10278	1989.01917	11.6	13.2	5385-02117-1
1896	07	06	29.21	-57	27	32.9	0.53	359.17	52.0	s	07	06	26	-57	28	18	0.692	352.9	1978.09180	1992.16394	10.7	11.2	——
1897	07	08	21.54	60	53	44.3	0.53	133.00	5.0	P	07	08	22	60	53	48	0.526	133.0	1954.83972	——	15.1	16.6	——
1898	07	09	25.19	-32	05	7.3	0.51	348.69	2.8		07	09	25	-32	05	6	0.551	338.2	1980.03711	1995.14526	16.7	17.3	——
1899	07	10	06.68	21	14	49.1	0.50	200.11	8.4	Tcs	07	10	7	21	14	42	0.508	198.8	1956.26819	1989.84229	6.5	7.5	1357-02074-1
1900	07	10	49.59	-14	26	1.3	0.54	262.37	17.8	Bb	07	10	50	-14	26	18	0.539	302.5	1982.94971	1986.93701	10.7	12.2	——
1901	07	11	11.56	43	29	56.4	0.73	148.04	10.8		07	11	12	43	30	6	0.680	146.0	1954.15393	1989.91602	15.1	17.2	——
1902	07	11	31.67	-49	25	27.1	0.82	359.52	45.7	Ts	07	11	27	-49	25	30	0.790	0.0	1976.99072	1996.19678	7.6	8.4	8127-02077-1
1903	07	11	27.97	48	19	49.4	0.58	189.89	11.3	H	07	11	29	48	19	54	0.595	188.9	1953.18408	1989.92969	12.3	—	3473——
1904	07	11	19.72	-67	07	21.9	0.67	171.63	74.9	T	07	11	32	-67	07	0	0.663	177.6	1977.93604	1992.00000	11.6	13.0	8921-01588-1
1905	07	11	48.37	46	07	39.9	0.58	205.85	66.1		07	11	50	46	06	36	0.608	211.0	1953.18408	1989.91602	18.8	19.7	——
1906	07	12	54.00	-52	20	5.3	0.94	341.00	22.3		07	12	52	-52	20	18	0.938	343.9	1976.99072	1996.19678	12.6	13.7	——
1906a	07	13	10.23	41	18	31.7	0.55	146.65	25.5		07	13	8	41	18	36	0.512	147.1	1954.15393	1991.11023	14.4	15.5	——
1907	07	14	2.15	55	20	11.5	0.59	145.60	6.6		07	14	2	55	20	18	0.529	146.2	1954.07458	1989.92700	13.8	15.1	——
1908	07	14	4.00	-63	20	48.0	0.67	334.60	—	N	07	14	4	-63	20	48	0.667	334.6	1977.93604	1992.00000	10.6	11.9	——
1909	07	15	50.63	-83	00	20.8	0.58	0.22	54.2		07	15	27	-82	59	48	0.676	352.7	1981.16821	1995.21643	12.1	13.6	——
1910	07	15	50.79	-13	02	58.1	0.54	289.25	106.2	TBbis	07	15	51	-13	01	12	0.529	289.8	1981.17651	1986.19177	7.8	8.5	5402-01484-1
1911	07	17	29.56	-46	58	45.4	0.59	358.60	6.3	Ts	07	17	29	-46	58	48	0.586	357.9	1978.16833	1992.16943	7.1	8.1	8123-01534-1
1912	07	19	31.27	32	49	48.4	0.54	129.80	3.4	T	07	19	31	32	49	48	0.574	125.9	1953.86157	1989.82324	10.2	11.9	2455-00652-1
1913	07	21	12.26	-15	21	33.4	0.86	135.06	155.3	Bbs	07	21	7	-15	19	18	0.568	151.0	1981.17651	1986.19177	11.6	12.1	——
1913a	07	21	40.67	44	00	37.0	0.50	196.46	8.8		07	21	40	44	00	42	0.505	201.9	1954.15393	1987.00635	13.9	15.0	——
1914	07	21	42.00	30	40	12.0	0.71	214.00	—	N	07	21	42	30	40	12	0.715	214.0	1953.12122	1988.93262	12.8	14.1	——
1915	07	23	36.92	45	40	44.7	0.90	171.78	10.2		07	23	36	45	40	48	0.816	173.8	1953.12122	1987.00635	15.0	16.6	——
1916	07	24	6.80	-39	20	41.1	0.85	154.10	118.0	P	07	23	58	-39	19	42	0.854	154.1	1977.05347	——	14.6	14.8	——
1917	07	24	24.66	34	03	55.9	0.52	215.75	5.9		07	24	25	34	04	0	0.508	211.8	1955.11853	1989.82324	14.9	16.5	——
1918	07	28	13.15	-18	47	36.9	0.56	4.10	5.6		07	28	13	-18	47	42	0.588	3.9	1980.21143	1995.07666	13.5	14.8	——
1919	07	28	18.63	37	56	30.9	0.59	147.19	9.1		07	28	18	37	56	36	0.551	147.3	1955.11853	1991.11023	13.6	14.7	——
1920	07	28	45.44	-03	17	53.4	0.91	151.26	15.2	HBb	07	28	46	-03	18	6	0.940	150.9	1982.94702	1986.19727	11.5	—	36338
1921	07	30	1.46	29	43	15.4	0.61	131.01	7.5		07	30	2	29	43	18	0.539	133.0	1953.12122	1988.93262	17.7	20.4	——
1922	07	30	39.40	-44	24	2.3	0.41	346.63	7.4		07	30	40	-44	24	6	0.501	340.1	1978.16833	1992.16943	11.5	12.6	——
1923	07	32	1.94	57	55	40.5	1.00	177.76	47.1		07	32	1	57	54	54	0.929	178.6	1954.89978	1995.15381	17.1	18.6	——
1924	07	32	7.94	-36	07	25.2	0.61	190.31	37.8		07	32	11	-36	07	18	0.528	206.9	1977.06445	1991.87402	13.1	14.2	——
1925	07	32	18.77	34	27	0.2	0.94	177.19	9.5		07	32	18	34	27	0	0.925	180.3	1955.11853	1990.08008	16.5	18.0	——
1926	07	33	11.03	-42	49	31.3	0.56	170.58	33.0		07	33	14	-42	49	36	0.750	132.4	1978.16833	1992.16943	15.0	—	——
1927	07	33	37.84	-42	53	58.2	0.66	12.12	46.2		07	33	38	-42	53	12	0.662	5.2	1978.16833	1992.16943	14.0	13.9	——
1928	07	34	17.68	00	59	6.4	0.87	168.39	4.8	Bb	07	34	18	00	59	6	0.628	175.6	1983.03723	1987.08215	12.5	14.4	——
1929	07	34	18.60	-45	16	43.1	0.54	325.02	14.6	T	07	34	18	-45	16	30	0.533	327.6	1978.16833	1992.16943	10.6	11.3	8133-01124-1
1930	07	34	52.96	-10	23	11.5	0.88	137.39	18.9	Bb	07	34	52	-10	23	24	0.615	143.2	1983.12451	1988.19678	11.6	12.5	——
1931	07	35	32.53	46	10	29.3	0.70	138.54	5.0		07	35	33	46	10	30	0.614	134.8	1953.12122	1987.00635	12.5	14.3	——
1932	07	36	12.15	-51	55	23.1	0.61	51.52	41.2		07	36	9	-51	54	54	0.612	41.0	1978.01526	1992.17761	11.7	13.2	——
1933	07	37	56.19	28	16	42.8	0.53	129.29	2.6		07	37	56	28	16	42	0.503	129.1	1953.12122	1989.08276	13.1	14.8	——
1934	07	38	23.15	36	41	32.9	0.92	171.92	14.2		07	38	22	36	41	36	0.883	174.0	1955.11853	1990.08008	10.6	11.7	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1935	07	38	40.94	-21	13	28.5	0.66	136.25	10.5	H	07	38	41	-21	13	18	0.681	138.1	1983.94702	1996.11743	11.8	—	37217
1936	07	40	46.09	37	58	24.8	0.48	160.59	1.3		07	40	46	37	58	24	0.501	161.8	1955.11853	1986.90540	15.4	16.9	——
1937	07	41	6.87	17	38	43.2	0.56	197.08	12.5		07	41	6	17	38	42	0.555	203.3	1955.94629	1993.88879	18.1	20.9	——
1938	07	42	12.05	05	53	12.7	0.56	148.70	15.7	P	07	42	11	05	53	12	0.565	148.7	1955.95715	——	17.3	19.2	——
1939	07	42	57.10	-45	10	23.2	0.56	188.05	1.3	Tcs	07	42	57	-45	10	24	0.567	187.7	1978.16833	1992.16943	5.1	6.0	8134-00800-1
1940	07	43	0.31	51	09	42.6	0.66	188.80	3.0	2d	07	43	0	51	09	42	0.662	188.8	1954.15125	1990.06909	12.0	13.3	——
1941	07	43	4.68	51	09	22.6	0.66	188.80	6.5	2d	07	43	4	51	09	24	0.662	188.8	1954.15125	1990.06909	12.5	13.8	——
1942	07	43	11.73	18	10	42.3	0.47	186.37	3.9	TPW	07	43	12	18	10	42	0.500	188.5	1955.94629	——	11.4	13.1	1365-00340-1
1943	07	44	40.17	03	33	9.0	0.57	217.95	12.8	TP	07	44	41	03	33	6	0.604	221.4	1955.95715	——	11.3	13.1	0183-02190-1
1944	07	44	56.19	39	33	22.9	0.68	177.46	11.1	Tcs	07	44	56	39	33	12	0.688	176.5	1953.19763	1986.90540	6.8	7.4	2963-01687-1
1945	07	45	19.00	28	01	34.3	0.63	265.80	4.3	HNP	07	45	19	28	01	30	0.625	265.5	1955.19495	——	1.3	2.5	37826
1946	07	45	43.71	53	23	6.6	0.67	200.13	2.7	H	07	45	44	53	23	6	0.662	198.9	1954.15125	1995.15381	12.2	—	37867
1947	07	48	8.17	59	08	19.0	0.61	194.30	8.1	P	07	48	9	59	08	24	0.610	194.3	1954.89978	——	13.5	14.4	——
1948	07	48	39.56	53	38	54.9	0.54	193.46	4.0	Ts	07	48	40	53	38	54	0.551	192.7	1954.15125	1995.15381	9.0	10.2	3783-00115-1
1949	07	49	26.14	14	29	37.5	0.53	156.57	5.0		07	49	26	14	29	42	0.517	164.3	1954.17859	1993.88879	13.4	15.2	——
1950	07	51	51.46	05	32	55.9	0.64	133.52	7.1		07	51	51	05	32	54	0.572	134.9	1955.95715	1990.90808	14.3	16.0	——
1951	07	51	54.67	00	00	14.5	0.84	162.00	20.1	dm	07	51	56	00	00	12	0.766	160.6	1954.00098	1987.08215	13.0	15.0	——
1952	07	51	54.67	00	00	14.4	0.84	161.83	20.1	dm	07	51	56	00	00	12	0.766	160.6	1954.00098	1987.08215	15.5	17.5	——
1953	07	52	8.07	27	00	2.1	0.89	137.80	2.3	P	07	52	8	27	00	0	0.891	137.8	1955.19495	——	16.2	17.7	——
1954	07	53	58.59	51	06	10.6	0.83	189.67	8.4		07	53	59	51	06	18	0.781	191.7	1954.15125	1990.06909	13.2	14.3	——
1955	07	54	54.87	-29	20	57.7	0.94	140.03	24.6	Bb	07	54	53	-29	21	0	0.548	148.3	1987.24487	1992.02454	13.4	14.7	——
1956	07	55	54.47	83	23	4.3	0.67	204.53	27.2		07	56	10	83	23	0	0.646	205.2	1953.18420	1997.18982	12.0	13.8	——
1957	07	56	54.09	-45	38	16.1	0.58	348.61	81.0		07	57	0	-45	37	24	0.666	341.6	1976.98804	1991.12061	13.1	13.6	——
1958	07	57	32.71	40	02	3.2	0.61	191.12	15.2	T	07	57	34	40	02	0	0.606	189.5	1955.07751	1986.90540	11.2	12.9	2964-01605-1
1959	07	57	46.91	-60	18	11.1	0.53	77.00	1.2	Tcds	07	57	47	-60	18	12	0.528	77.8	1977.21753	1991.20276	5.6	6.3	8911-00793-1
1960	07	57	55.16	-60	18	0.0	0.61	83.89	6.2	d	07	57	55	-60	17	54	0.528	77.8	1977.21753	1991.20276	10.9	12.0	——
1961	07	57	58.10	33	26	23.0	0.61	164.68	7.1		07	57	58	33	26	30	0.528	163.6	1954.15405	1988.94910	13.6	15.4	——
1962	07	58	18.35	87	57	39.5	0.55	211.70	51.5	P	07	58	0	87	58	30	0.547	211.7	1952.64026	——	14.2	15.7	——
1963	07	58	12.66	41	18	13.3	0.72	162.78	6.0	H	07	58	13	41	18	18	0.685	163.0	1955.07751	1986.90540	12.0	—	38956
1964	07	58	22.81	49	39	52.2	0.83	156.43	16.3		07	58	23	49	39	36	0.736	166.8	1954.99561	1990.06909	13.0	14.1	——
1965	07	59	15.94	87	57	47.5	0.55	211.70	49.2	P	07	59	0	87	58	36	0.547	211.7	1952.64026	——	15.7	17.2	——
1966	07	59	34.04	20	50	39.4	0.58	161.80	35.3	PW	07	59	35	20	51	12	0.583	161.8	1950.93823	——	8.5	9.5	——
1967	07	59	46.89	03	19	9.0	0.55	189.88	3.4	B	07	59	47	03	19	12	0.527	198.3	1949.91357	1990.90796	15.9	17.0	——
1968	08	00	2.44	-40	02	24.9	1.07	139.13	8.2		08	00	3	-40	02	30	0.849	142.7	1979.00159	1991.20825	10.3	11.7	——
1969	08	01	16.79	44	50	42.1	0.60	196.49	49.5		08	01	20	44	51	18	0.570	201.2	1954.99561	1988.88367	14.8	16.1	——
1970	08	01	29.09	10	43	2.9	1.02	161.53	3.4		08	01	29	10	43	6	0.977	163.6	1951.23621	1988.94360	16.8	18.7	——
1971	08	02	20.69	03	19	42.0	0.53	219.92	7.6	Bd	08	02	21	03	19	48	0.552	229.5	1949.91357	1990.90796	17.2	19.5	——
1972	08	02	22.90	03	20	18.2	0.55	220.82	6.0	Bd	08	02	23	03	20	24	0.552	229.5	1949.91357	1990.90808	12.9	14.0	——
1973	08	02	44.29	59	01	41.8	0.60	114.41	5.5		08	02	45	59	01	42	0.532	114.5	1954.01196	1989.97363	13.4	14.9	——
1974	08	02	46.95	56	46	38.6	0.53	178.67	43.1		08	02	51	56	47	6	0.599	178.7	1954.01196	1989.92981	17.1	18.7	——
1975	08	02	54.34	25	34	57.7	0.94	166.37	5.1		08	02	54	25	35	0	0.873	167.6	1950.93823	1989.02539	14.1	15.9	——
1976	08	03	19.70	52	50	37.0	0.82	149.56	8.1		08	03	19	52	50	42	0.732	148.5	1954.15125	1989.92981	10.8	12.7	——
1977	08	04	20.21	15	01	44.7	0.51	182.34	9.8		08	04	20	15	01	54	0.501	180.3	1951.09387	1989.84509	14.0	15.8	——
1978	08	04	26.36	-83	13	59.7	0.58	308.27	29.2		08	04	36	-83	13	36	0.610	307.5	1981.16821	1995.21643	13.0	14.5	——
1979	08	05	36.99	-09	32	40.5	1.46	128.47	1.6	Bb	08	05	37	-09	32	42	0.764	140.5	1984.17896	1985.05200	14.2	16.0	——
1980	08	05	57.83	38	33	43.6	0.82	225.36	7.8		08	05	58	38	33	36	0.830	226.2	1954.15405	1989.91345	16.8	17.4	——
1981	08	06	33.48	32	11	49.2	0.53	200.10	6.7	c	08	06	34	32	11	48	0.568	202.3	1955.19495	1989.83691	17.8	19.3	——
1982	08	07	46.00	-29	24	18.0	0.51	136.50	—	BNb	08	07	46	-29	24	18	0.511	136.5	1987.24487	1992.02454	6.8	7.4	——
1983	08	08	0.77	71	55	15.6	0.50	203.87	33.4	d	08	07	59	71	55	48	0.503	205.0	1953.13220	1995.09387	14.7	16.1	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
1984	08	08	10.54	71	55	27.9	0.51	207.92	32.8	Tds	08	08	9	71	56	0	0.503	205.0	1953.13220	1995.09387	8.2	8.9	4377-02141-1
1985	08	09	58.16	-52	58	6.4	0.75	324.30	15.6		08	09	57	-52	58	18	0.820	319.5	1979.96619	1993.96167	10.9	12.4	——
1986	08	10	2.90	18	52	9.7	0.70	154.00	15.3	P	08	10	2	18	52	18	0.701	154.0	1951.09387	——	17.7	18.8	——
1987	08	11	38.64	32	27	25.7	0.80	215.71	18.2	Tcs	08	11	38	32	27	42	0.806	215.7	1955.21692	1988.94910	6.9	7.6	2473-01324-1
1988	08	12	26.64	43	09	27.1	0.60	162.38	5.0		08	12	27	43	09	24	0.560	164.9	1955.07751	1988.88367	13.6	14.9	——
1989	08	12	41.00	-21	33	8.0	0.77	172.21	28.0		08	12	43	-21	33	6	0.707	177.5	1979.23401	1995.09045	11.4	13.0	——
1990	08	12	49.03	55	26	36.1	0.49	229.52	6.1		08	12	49	55	26	30	0.514	232.7	1953.12402	1989.92981	16.2	18.1	——
1991	08	13	8.40	-13	55	3.3	0.99	198.70	27.4	Bbcs	08	13	8	-13	55	30	0.556	206.7	1983.12183	1985.00000	9.9	11.2	——
1992	08	13	43.86	-76	07	50.0	0.58	343.50	59.1		08	13	36	-76	08	42	0.657	329.8	1975.94434	1989.99182	12.2	13.5	——
1993	08	13	44.68	79	18	11.6	0.52	217.80	11.6	P	08	13	45	79	18	0	0.519	217.8	1954.90527	——	14.6	16.3	——
1994	08	14	33.59	15	01	6.2	0.55	145.13	8.6		08	14	34	15	01	0	0.508	148.5	1951.09387	1989.85059	15.6	17.3	——
1995	08	15	37.32	00	03	6.0	1.18	151.69	11.8	Bbgm	08	15	38	00	03	0	0.612	162.7	1983.04016	1987.01917	17.4	18.9	——
1996	08	16	49.58	48	57	17.2	0.52	160.64	17.9		08	16	51	48	57	6	0.511	157.2	1954.99561	1990.06909	14.5	15.6	——
1997	08	17	25.10	-34	27	54.0	0.84	156.55	68.0	Bb	08	17	29	-34	27	6	0.586	154.8	1988.03467	1992.23767	12.2	13.7	——
1998	08	18	10.78	30	36	3.0	0.87	199.03	10.5	Ts	08	18	10	30	36	0	0.874	199.8	1955.21692	1989.85608	9.0	10.3	2470-00634-1
1999	08	18	11.54	-07	09	43.0	0.85	142.53	8.1	Bb	08	18	11	-07	09	42	0.511	165.9	1983.19031	1985.95068	15.4	17.2	——
2000	08	19	22.57	54	05	9.6	0.63	183.27	14.9	T	08	19	23	54	05	24	0.641	181.3	1953.12402	1989.92981	9.7	10.2	3797-00335-1
2001	08	20	04.78	73	24	54.7	0.58	212.81	1.2	T	08	20	5	73	24	54	0.568	212.8	1953.13220	1991.93274	8.4	9.4	4380-00694-1
2002	08	21	57.02	17	48	54.4	0.51	282.45	45.8		08	21	55	17	49	30	0.503	287.4	1954.97375	1993.93811	14.6	16.1	——
2003	08	22	27.08	07	24	42.6	0.57	216.51	17.4		08	22	26	07	24	36	0.567	218.3	1953.02283	1989.17847	15.4	16.9	——
2004	08	22	47.99	-57	26	48.1	0.47	319.46	105.5	cdm	08	22	35	-57	26	36	0.613	321.4	1979.96619	1993.96167	15.2	16.8	——
2005	08	22	47.72	-57	26	55.5	0.48	315.25	103.6	d	08	22	35	-57	26	42	0.613	321.4	1979.96619	1993.96167	14.0	15.3	——
2006	08	23	48.05	24	56	56.6	0.57	153.22	3.5		08	23	48	24	57	0	0.553	154.7	1955.22778	1989.91626	16.8	18.4	——
2007	08	25	11.51	32	36	31.4	0.73	175.43	6.3		08	25	12	32	36	30	0.673	177.5	1953.02551	1989.85889	10.4	11.6	——
2008	08	25	40.50	66	27	44.2	0.50	180.34	12.2	TPW	08	25	39	66	27	36	0.533	179.8	1955.07776	——	9.0	10.0	4133-00625-1
2009	08	27	9.72	-59	32	15.1	0.72	8.49	57.5		08	27	5	-59	33	0	0.779	1.6	1977.21753	1991.20276	14.5	16.0	——
2010	08	27	11.93	-44	59	23.1	0.45	349.80	82.8		08	27	19	-44	58	48	0.577	342.7	1977.04541	1991.27124	12.4	13.9	——
2011	08	28	12.77	20	08	20.4	0.69	199.64	19.0		08	28	12	20	08	36	0.667	202.3	1954.97375	1993.93811	13.3	14.2	——
2012	08	28	47.53	06	23	51.6	0.78	171.12	8.2		08	28	47	06	23	54	0.767	170.7	1953.02283	1996.88110	17.2	18.8	——
2013	08	28	55.73	17	09	31.5	0.61	144.94	67.8		08	28	51	17	09	30	0.664	157.9	1954.97375	1989.85059	15.8	17.1	——
2014	08	29	14.04	37	30	5.0	0.58	195.25	5.0		08	29	14	37	30	0	0.578	196.6	1953.02551	1989.91345	13.2	14.3	——
2015	08	29	22.96	25	39	38.6	0.58	152.99	177.4		08	29	23	25	42	36	0.523	154.9	1955.22778	1989.91626	18.2	18.8	——
2016	08	29	27.30	45	54	37.1	0.55	218.48	7.4	Ts	08	29	28	45	54	36	0.589	217.1	1953.12134	1989.15674	10.1	11.3	3415-02032-1
2017	08	29	40.72	-01	44	48.0	0.97	156.06	4.2	T	08	29	41	-01	44	48	0.970	156.7	1954.97107	1987.01917	11.7	12.8	4849-02163-1
2018	08	29	56.33	61	43	32.7	0.89	143.43	4.0	Ts	08	29	56	61	43	36	0.864	145.7	1954.01196	1989.97363	10.4	12.1	4127-00667-1
2019	08	30	3.54	04	10	51.7	0.73	171.71	8.4	dm	08	30	3	04	10	54	0.722	167.1	1953.02283	1996.88110	15.0	16.3	——
2020	08	30	3.54	04	10	51.7	0.73	171.72	8.4	dm	08	30	3	04	10	54	0.722	167.1	1953.02283	1996.88110	18.7	21.0	——
2021	08	30	32.70	09	47	13.8	0.67	221.86	11.2		08	30	32	09	47	18	0.637	226.2	1951.98743	1989.17847	17.8	19.3	——
2022	08	30	39.55	32	41	45.0	0.60	191.83	11.4		08	30	39	32	41	54	0.548	195.6	1953.02551	1989.85889	15.1	14.9	——
2023	08	30	51.68	36	12	55.3	0.83	149.99	4.1		08	30	52	36	12	54	0.781	149.8	1953.02551	1989.85889	17.7	19.8	——
2024	08	31	23.52	-10	29	55.7	0.67	202.49	10.9	Bb	08	31	23	-10	29	48	0.661	241.4	1983.10559	1986.18359	14.4	15.9	——
2025	08	31	30.18	73	03	46.2	0.69	66.64	30.8		08	31	37	73	03	54	0.674	62.4	1953.13220	1997.11023	13.1	14.6	——
2026	08	32	30.44	-01	34	40.3	0.52	163.50	7.9		08	32	30	-01	34	36	0.500	161.0	1954.97107	1992.03284	17.5	20.2	——
2027	08	33	25.25	18	31	44.0	0.67	181.31	5.4		08	33	25	18	31	48	0.625	187.3	1954.97375	1993.93811	13.9	15.4	——
2028	08	35	27.87	41	44	24.9	0.69	202.76	5.3	Tcs	08	35	28	41	44	30	0.653	202.6	1953.20325	1989.18396	8.8	9.9	2978-00984-1
2029	08	37	07.97	15	07	45.5	0.90	187.59	14.3	H	08	37	7	15	07	48	0.897	188.0	1954.97375	1989.93262	11.8	—	42267
2030	08	37	34.82	74	33	50.5	0.54	119.26	23.2		08	37	37	74	34	12	0.500	108.8	1954.90527	1997.11023	15.8	17.1	——
2031	08	38	35.34	75	47	46.0	0.51	206.47	6.5		08	38	37	75	47	48	0.505	208.2	1954.90527	1997.11023	14.0	15.6	——
2032	08	38	59.74	62	40	40.2	0.60	200.01	11.4		08	38	59	62	40	30	0.576	209.3	1954.89722	1996.20813	14.2	15.5	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2033	08	39	50.79	11	31	21.6	0.51	192.25	12.2	Ts	08	39	50	11	31	18	0.523	191.3	1951.98743	1997.10205	7.7	8.7	0805-01288-1
2034	08	40	29.80	18	24	7.2	0.91	238.21	7.7		08	40	30	18	24	0	0.908	240.0	1954.97375	1989.85339	17.1	18.6	——
2035	08	40	42.00	53	09	0.0	0.51	225.00	—	N	08	40	42	53	09	0	0.513	225.0	1953.12402	1991.11035	16.1	18.4	——
2036	08	40	50.81	-16	20	42.5	0.60	143.94	2.8	TBb	08	40	51	-16	20	42	0.608	143.2	1982.00464	1988.20496	9.7	10.2	6012-01718-1
2037	08	40	59.30	-23	27	23.4	0.82	333.45	6.8		08	40	59	-23	27	18	0.930	329.2	1978.02625	1996.11743	11.8	13.3	——
2038	08	41	3.94	67	39	37.1	0.76	242.28	17.1		08	41	2	67	39	24	0.723	245.2	1954.89722	1995.09387	14.1	15.7	——
2039	08	41	7.94	36	11	29.4	0.76	168.67	11.4		08	41	7	36	11	30	0.726	174.8	1953.02551	1989.15393	17.0	19.9	——
2040	08	41	59.77	-01	34	10.2	0.61	279.97	23.0		08	42	1	-01	34	24	0.705	289.5	1983.28320	1992.03284	13.1	14.9	——
2041	08	42	43.20	44	32	23.1	0.58	87.75	56.0		08	42	38	44	32	30	0.597	85.6	1953.12134	1991.13489	12.8	14.7	——
2042	08	42	44.53	09	33	24.2	0.66	161.38	14.0	Td	08	42	45	09	33	12	0.673	162.4	1951.98743	1997.10205	9.8	11.5	0810-02829-1
2043	08	42	52.23	09	33	11.4	0.67	158.44	11.9	d	08	42	52	09	33	0	0.673	162.4	1951.98743	1997.10205	12.1	13.6	——
2044	08	43	26.11	45	01	58.7	0.53	115.45	11.8		08	43	25	45	02	0	0.530	112.4	1953.12134	1991.13489	14.9	16.4	——
2045	08	43	58.45	06	00	39.3	0.51	140.94	7.2		08	43	58	06	00	42	0.516	141.2	1955.22522	1991.10217	17.5	20.8	——
2046	08	44	22.43	-10	24	13.1	1.01	138.82	8.5	Bb	08	44	23	-10	24	12	0.605	148.8	1984.02637	1987.07666	14.0	15.8	——
2047	08	45	10.40	41	40	18.6	0.71	203.50	48.8	Ts	08	45	10	41	39	30	0.706	203.5	1953.20325	1989.18396	8.6	9.7	2985-00648-1
2048	08	47	33.02	21	53	13.1	0.59	124.47	28.6		08	47	31	21	53	18	0.531	123.3	1955.22241	1989.85339	14.7	16.4	——
2049	08	48	18.99	-20	19	12.1	0.72	149.47	13.9		08	48	18	-20	19	12	0.633	149.9	1978.11926	1992.08472	17.2	20.0	——
2050	08	48	26.16	06	28	6.1	0.49	153.36	12.5	T	08	48	27	06	28	6	0.545	151.0	1955.22522	1991.10217	10.7	12.1	0224-00826-1
2051	08	48	29.78	61	09	5.3	0.60	134.72	5.5		08	48	30	61	09	0	0.585	136.9	1954.90540	1996.20813	14.4	16.2	——
2052	08	49	8.81	39	36	24.4	0.52	221.05	6.0		08	49	9	39	36	30	0.515	229.8	1953.20325	1989.18396	15.0	17.2	——
2053	08	49	11.70	36	31	28.6	0.47	207.48	5.8	T	08	49	12	36	31	24	0.521	205.9	1955.19507	1989.15393	11.2	12.9	2491-00146-1
2054	08	50	6.99	52	17	28.1	0.55	203.48	1.9		08	50	7	52	17	30	0.547	207.8	1954.14868	1991.11853	13.7	15.0	——
2055	08	50	21.00	-05	32	9.7	0.54	199.67	9.7	TBbs	08	50	21	-05	32	0	0.552	200.0	1984.17603	1986.24927	9.3	10.1	4872-00911-1
2056	08	50	27.40	07	37	17.3	0.63	156.56	20.8	T	08	50	26	07	37	18	0.610	155.2	1955.22522	1997.10205	11.9	13.3	0810-00250-1
2057	08	50	42.15	34	38	42.4	0.92	217.78	10.5		08	50	43	34	38	42	0.884	221.0	1955.19507	1989.15393	14.4	16.1	——
2058	08	50	42.93	06	28	27.8	0.54	297.72	3.9		08	50	43	06	28	24	0.531	297.4	1955.22522	1991.10217	16.6	18.3	——
2059	08	51	9.58	22	16	34.3	0.52	158.77	18.2		08	51	9	22	16	18	0.533	157.6	1955.22241	1989.85339	15.4	16.3	——
2060	08	51	43.82	18	07	29.9	0.90	266.48	6.4	H	08	51	44	18	07	24	0.893	265.6	1950.21985	1989.85339	11.6	—	4351——
2061	08	52	11.38	15	30	12.7	0.64	217.73	5.5		08	52	11	15	30	12	0.637	221.2	1950.21985	1989.93262	16.8	18.3	——
2062	08	52	35.81	28	19	51.0	0.54	244.28	3.9	TPWd	08	52	36	28	19	48	0.538	243.7	1953.93823	——	6.0	7.0	1949-02012-1
2063	08	52	40.82	28	18	58.8	0.54	243.70	5.3	PW	08	52	41	28	18	54	0.538	243.7	1953.93823	——	12.7	14.5	——
2064	08	53	34.13	67	24	44.5	0.56	191.39	3.6		08	53	34	67	24	48	0.502	191.6	1954.89722	1995.09387	17.6	19.2	——
2065	08	53	36.11	-03	29	32.4	0.63	255.80	2.9	b	08	53	36	-03	29	30	0.576	250.2	1982.13574	1992.03821	17.9	20.8	——
2066	08	53	57.66	63	32	28.4	0.61	181.30	6.3	P	08	53	57	63	32	24	0.610	181.3	1954.89722	——	14.0	15.1	——
2067	08	53	56.45	-24	46	57.7	0.71	80.18	8.3	c	08	53	57	-24	46	54	0.630	78.0	1978.02625	1996.11743	17.7	20.4	——
2068	08	53	57.79	-24	46	57.2	0.68	82.09	4.3	c	08	53	58	-24	46	54	0.630	78.0	1978.02625	1996.11743	17.9	18.8	——
2069	08	54	5.34	-13	07	34.2	0.81	151.06	11.4	dm	08	54	5	-13	07	24	0.622	148.2	1982.00732	1992.03284	12.0	13.8	——
2070	08	54	5.34	-13	07	34.2	0.81	151.06	11.4	dm	08	54	5	-13	07	24	0.622	148.2	1982.00732	1992.03284	12.5	14.3	——
2071	08	55	20.38	-23	52	15.6	0.53	267.40	5.7		08	55	20	-23	52	18	0.596	274.4	1978.02625	1996.11743	13.3	15.1	——
2072	08	55	21.00	-71	35	36.0	0.54	334.20	—	N	08	55	21	-71	35	36	0.544	334.2	1978.10547	1992.16394	14.3	15.8	——
2073	08	55	23.58	52	54	57.1	0.66	203.11	6.1		08	55	23	52	54	54	0.643	207.2	1954.14868	1991.11035	16.5	18.0	——
2074	08	56	30.52	43	36	2.0	0.79	117.50	108.2		08	56	22	43	35	6	0.784	118.3	1953.28540	1991.13489	14.9	16.8	——
2075	08	57	35.22	33	32	18.2	0.53	174.24	2.8		08	57	35	33	32	18	0.517	173.0	1955.19507	1989.15393	17.0	18.5	——
2076	08	58	15.21	19	45	45.1	0.82	262.70	9.6	d	08	58	15	19	45	36	0.874	267.7	1950.21985	1989.85339	12.8	14.6	——
2077	08	58	15.22	19	45	45.0	0.82	262.57	4.3	dm	08	58	15	19	45	42	0.874	267.7	1950.21985	1989.85339	13.5	14.8	——
2078	08	58	38.18	20	32	48.3	0.68	104.75	11.5	Tcs	08	58	39	20	32	48	0.681	105.5	1955.22241	1989.85339	9.4	10.8	1400-00236-1
2079	08	58	48.14	-18	41	46.9	0.49	18.05	49.2		08	58	48	-18	42	36	0.514	12.3	1976.98547	1994.24658	12.7	14.8	——
2080	08	59	03.38	-06	23	46.1	0.54	156.05	6.0	Tb	08	59	3	-06	23	48	0.531	156.2	1982.13574	1992.03821	11.8	12.5	4877-00787-1
2081	08	59	5.46	36	26	29.8	0.57	219.37	6.5		08	59	6	36	26	30	0.522	225.5	1955.19507	1989.15393	11.6	12.5	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ^{b}	θ^{b}	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2082	08	59	10.06	-04	01	36.0	0.66	151.29	18.5	bs	08	59	11	-04	01	48	0.775	141.6	1982.13574	1992.03821	9.1	9.6	——
2083	08	59	12.53	48	02	28.7	0.49	242.96	5.5	cdms	08	59	12	48	02	30	0.504	241.3	1954.17871	1991.11853	9.2	10.8	——
2084	08	59	12.54	48	02	29.9	0.46	245.10	8.0	cds	08	59	12	48	02	24	0.504	241.3	1954.17871	1991.11853	3.0	3.3	——
2085	08	59	31.78	-47	26	11.0	0.70	327.94	20.6		08	59	31	-47	26	30	0.847	323.6	1979.00183	1994.17261	12.8	14.3	——
2086	08	59	36.00	69	16	18.0	0.54	213.40	—	N	08	59	36	69	16	18	0.542	213.4	1955.06958	1995.09387	16.3	15.7	——
2087	08	59	42.09	60	16	36.1	0.54	206.69	5.9	d	08	59	42	60	16	42	0.542	213.4	1954.90540	1996.20813	14.8	16.4	——
2088	08	59	56.18	72	57	36.5	0.97	90.96	21.9		09	00	1	72	57	42	0.893	90.4	1955.06958	1997.11023	14.6	16.2	——
2089	09	00	2.43	81	09	16.6	0.62	208.00	28.5	P	09	00	10	81	08	54	0.620	208.0	1953.18420	——	18.0	19.6	——
2090	09	00	23.61	21	50	3.4	0.79	216.44	9.2		09	00	23	21	50	0	0.785	216.3	1955.22241	1989.85339	15.5	17.4	——
2091	09	00	31.05	70	40	5.4	0.55	163.79	13.5		09	00	32	70	40	18	0.503	168.4	1955.06958	1995.09387	10.9	12.1	——
2092	09	00	32.56	46	35	10.1	0.71	219.16	4.9		09	00	33	46	35	12	0.712	221.0	1954.17871	1991.13489	12.5	14.7	——
2093	09	00	38.61	41	46	55.9	0.48	233.01	7.1	cs	09	00	38	41	46	54	0.505	239.9	1953.28540	1989.93542	4.0	4.4	——
2094	09	02	19.88	08	28	6.6	0.65	108.11	146.6	H	09	02	10	08	28	6	0.600	106.2	1951.91101	1986.99561	11.8	—	44376
2095	09	02	11.14	78	29	56.6	0.61	194.80	6.5	P	09	02	13	78	30	0	0.613	194.8	1953.18433	——	12.6	13.6	——
2096	09	03	8.18	08	42	41.7	0.53	238.93	12.2		09	03	9	08	42	42	0.572	249.0	1951.91101	1986.99561	16.8	18.8	——
2097	09	03	54.56	41	49	54.3	0.58	205.33	7.5		09	03	55	41	50	0	0.577	210.3	1953.28540	1989.93542	13.8	15.8	——
2098	09	04	40.31	-12	19	13.5	0.74	160.47	6.4	b	09	04	40	-12	19	18	0.680	172.8	1982.07849	1991.13696	15.5	17.7	——
2099	09	05	28.43	-22	01	56.7	0.66	168.72	15.8	d	09	05	28	-22	01	42	0.611	174.9	1976.98547	1994.24658	16.0	17.6	——
2100	09	05	28.43	-22	01	56.8	0.67	168.67	15.9	dm	09	05	28	-22	01	42	0.611	174.9	1976.98547	1994.24658	19.0	21.2	——
2101	09	05	32.91	73	14	55.0	0.58	215.30	13.6		09	05	32	73	14	42	0.560	215.7	1955.06958	1997.11023	16.6	16.9	——
2102	09	05	45.66	67	33	44.7	0.84	211.02	17.5		09	05	43	67	33	36	0.814	213.7	1954.89722	1995.09387	14.3	15.6	——
2103	09	05	56.75	35	31	33.4	0.68	151.75	4.0		09	05	57	35	31	36	0.621	151.7	1955.19507	1989.15393	14.5	15.8	——
2104	09	04	49.48	-21	16	9.2	0.91	142.05	7.2		09	04	49	-21	16	12	0.874	143.6	1976.98547	1994.24658	15.8	16.9	——
2105	09	06	57.12	63	40	17.6	0.99	217.70	0.9	2	09	06	57	63	40	18	0.987	217.7	1954.89722	1989.97644	12.3	13.6	——
2106	09	07	2.89	-22	08	50.7	0.52	206.59	20.7		09	07	3	-22	08	30	0.513	215.9	1976.98547	1994.24658	14.0	15.3	——
2107	09	07	29.39	33	04	44.1	0.72	257.60	6.3	P	09	07	29	33	04	48	0.716	257.6	1955.19507	——	16.0	17.6	——
2108	09	08	25.24	-15	08	41.2	0.57	249.48	3.6	Tbcs	09	08	25	-15	08	42	0.572	249.1	1982.00732	1992.03284	7.4	8.0	6027-00442-1
2109	09	08	50.89	54	07	17.4	0.53	218.39	1.1		09	08	51	54	07	18	0.555	220.8	1954.14868	1991.25525	14.1	15.8	——
2110	09	09	7.28	-19	54	48.7	0.64	139.73	4.0		09	09	7	-19	54	48	0.579	142.9	1976.98547	1994.24658	16.6	18.1	——
2111	09	09	23.93	40	06	3.6	0.81	221.03	3.7		09	09	24	40	06	0	0.806	223.8	1953.28540	1989.93542	13.4	15.1	——
2112	09	09	26.00	49	39	27.5	0.90	221.13	2.5		09	09	26	49	39	30	0.884	225.1	1954.17871	1991.11853	15.7	18.6	——
2113	09	09	30.60	32	49	9.5	0.71	208.65	5.6	TPW	09	09	31	32	49	12	0.639	210.3	1955.19507	——	11.6	13.2	2495-00648-2
2114	09	12	17.55	14	59	45.7	0.58	295.18	8.8	Tcs	09	12	17	14	59	42	0.573	295.0	1950.21704	1987.00110	6.6	7.4	0825-01543-1
2115	09	12	26.63	11	04	36.6	0.70	157.41	5.5		09	12	27	11	04	36	0.650	159.0	1955.94641	1986.99561	16.5	17.6	——
2116	09	13	7.55	-31	47	6.7	0.51	289.92	7.0		09	13	7	-31	47	6	0.580	295.2	1978.18762	1992.25952	13.8	16.1	——
2117	09	13	22.61	42	11	28.2	0.57	211.86	4.7	dm	09	13	23	42	11	30	0.566	215.7	1953.28540	1989.93542	13.1	15.2	——
2118	09	13	22.62	42	11	28.1	0.56	210.71	4.6	dm	09	13	23	42	11	30	0.566	215.7	1953.28540	1989.93542	13.8	16.0	——
2119	09	14	0.07	00	18	38.6	0.66	241.46	3.5		09	14	0	00	18	42	0.668	249.0	1951.90820	1991.20825	13.5	14.8	——
2120	09	15	14.16	-26	07	40.3	0.56	142.03	10.5		09	15	14	-26	07	30	0.513	142.7	1978.01550	1992.18848	16.2	17.8	——
2121	09	16	5.18	29	19	43.3	0.57	193.90	7.7	P	09	16	5	29	19	36	0.569	193.9	1955.22522	——	12.3	13.4	——
2122	09	16	31.16	-62	04	42.1	0.01	26.79	144.9		09	16	29	-62	02	18	0.923	314.4	1977.21765	1994.05200	12.5	14.0	——
2123	09	16	30.41	84	10	59.6	0.66	310.13	18.0		09	16	39	84	11	12	0.669	308.5	1953.28833	1997.18982	11.5	13.1	——
2124	09	17	8.05	74	05	37.0	0.54	115.25	5.0		09	17	8	74	05	42	0.556	116.5	1955.06958	1997.11023	15.4	16.9	——
2125	09	17	53.46	28	33	37.8	0.51	174.10	6.3	TPW	09	17	53	28	33	36	0.511	172.3	1955.22522	——	7.3	8.5	1957-00446-1
2126	09	21	19.32	73	06	38.7	0.98	249.41	9.4		09	21	19	73	06	48	0.996	249.8	1955.06958	1997.11023	15.1	16.7	——
2127	09	21	43.53	-66	27	6.7	1.08	184.68	131.2	B	09	21	37	-66	29	12	0.548	300.5	1988.94995	1991.12061	12.9	14.4	——
2128	09	21	55.00	-60	17	6.0	0.88	282.60	—	NP	09	21	55	-60	17	6	0.879	282.6	1977.21765	——	9.9	11.3	——
2129	09	21	58.32	02	11	23.3	0.52	209.94	60.9	Bb	09	21	58	02	12	24	0.509	232.9	1984.18164	1991.20825	12.6	14.1	——
2130	09	22	20.51	-32	08	54.5	0.69	294.67	6.2	Tcs	09	22	21	-32	08	54	0.666	294.7	1978.18762	1992.25952	8.9	9.8	7157-01067-1

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2131	09	22	25.95	40	12	3.8	0.50	223.48	11.5	Tcs	09	22	25	40	12	0	0.504	223.9	1953.28540	1992.09375	7.8	9.0	2994-00080-1
2132	09	22	46.00	-15	21	18.0	0.51	119.70	—	BN	09	22	46	-15	21	18	0.513	119.7	1983.12756	1991.13696	15.8	17.6	——
2133	09	23	1.34	19	51	4.2	0.51	223.20	6.4	P	09	23	1	19	51	0	0.510	223.2	1950.21704	——	13.9	15.7	——
2133a	09	24	6.66	02	35	24.8	0.62	169.41	7.3	B	09	24	7	02	35	30	0.615	172.8	1949.91357	1991.09900	15.3	16.6	——
2134	09	24	11.46	-37	04	34.5	0.97	151.06	66.3		09	24	17	-37	04	36	0.829	154.9	1977.22034	1991.25757	13.1	14.6	——
2135	09	24	17.75	71	48	19.1	0.52	220.80	32.7	2	09	24	21	71	48	48	0.518	220.8	1955.06958	1991.93286	16.1	17.7	——
2136	09	24	56.00	80	51	36.0	0.81	163.40	—	2N	09	24	56	80	51	36	0.815	163.4	1953.28833	——	15.4	17.0	——
2137	09	25	05.39	-12	58	0.6	0.80	135.79	11.1	T	09	25	6	-12	57	54	0.798	130.6	1983.12756	1991.13696	9.8	10.8	5467-01584-1
2138	09	25	23.96	-07	20	3.2	0.97	132.99	14.6	b	09	25	23	-07	20	0	0.818	130.6	1984.17627	1991.26843	12.0	13.4	——
2139	09	25	31.23	00	18	22.7	0.30	58.40	12.5	Bdm	09	25	32	00	18	18	0.600	185.8	1984.18164	1991.20825	18.5	20.2	——
2140	09	25	31.12	00	18	16.4	0.74	175.61	13.9	Bd	09	25	32	00	18	12	0.600	185.8	1984.18164	1991.20825	14.8	16.2	——
2141	09	25	35.42	18	40	16.4	0.54	236.00	7.4	P	09	25	35	18	40	12	0.538	236.0	1950.21704	——	12.5	14.2	——
2142	09	25	55.52	-08	10	33.1	0.61	170.39	8.3	Bb	09	25	55	-08	10	30	0.516	186.6	1983.19580	1991.26025	11.6	12.7	——
2143	09	28	11.88	46	44	34.9	0.50	249.84	1.6		09	28	12	46	44	36	0.501	254.7	1954.17871	1990.06384	15.3	17.4	——
2144	09	28	23.37	35	20	14.0	0.54	190.80	8.7	P	09	28	24	35	20	18	0.543	190.8	1953.94116	——	17.0	18.5	——
2145	09	28	53.32	-07	22	15.8	0.73	193.11	10.3	HBd	09	28	54	-07	22	18	0.692	193.8	1984.17627	1991.26843	12.2	—	46488
2146	09	28	55.78	-07	22	12.4	0.85	180.98	3.3	Bd	09	28	56	-07	22	12	0.692	193.8	1984.17627	1991.26843	14.8	16.3	——
2147	09	29	54.83	05	39	18.5	0.51	282.32	147.8	TB	09	29	45	05	39	36	0.523	281.6	1949.91357	1991.09937	7.3	8.5	0234-00468-1
2148	09	29	52.73	39	59	16.4	0.53	202.56	8.5		09	29	52	39	59	18	0.515	206.3	1953.10510	1992.09375	15.2	16.7	——
2149	09	30	44.58	00	19	21.6	0.79	225.90	9.0	Hb	09	30	44	00	19	24	0.790	228.3	1984.18164	1991.20825	11.7	—	46655
2150	09	30	59.28	-47	23	3.1	0.54	136.55	23.0	Tcs	09	31	1	-47	23	18	0.567	136.3	1979.22314	1993.20825	8.6	9.7	8171-00095-1
2151	09	31	19.52	-13	29	23.7	0.88	105.34	9.4		09	31	20	-13	29	30	0.731	85.4	1983.12756	1991.13696	10.6	12.3	——
2152	09	31	24.46	-14	15	24.3	0.56	191.29	7.8	Bb	09	31	25	-14	15	24	0.500	214.9	1983.12756	1991.13696	14.3	15.6	——
2153	09	31	32.20	07	43	36.8	0.50	188.29	3.1		09	31	32	07	43	36	0.511	190.0	1951.00916	1995.23877	15.6	17.1	——
2154	09	31	32.86	20	16	54.7	0.80	178.50	5.6	P	09	31	33	20	17	0	0.800	178.5	1950.21704	——	11.5	12.6	——
2155	09	31	57.88	36	19	41.7	0.57	203.20	37.4	PW	09	31	56	36	19	12	0.567	203.2	1953.94116	——	10.3	11.9	——
2156	09	35	39.51	35	48	36.6	0.76	251.08	9.1	TPWc	09	35	39	35	48	30	0.749	250.6	1953.94116	——	5.5	6.3	2500-01533-1
2157	09	36	01.64	-21	39	38.8	1.00	171.84	10.2	T	09	36	2	-21	39	30	0.915	169.4	1984.30701	1996.29785	11.0	12.8	6055-01283-1
2158	09	36	4.84	-06	06	56.7	0.64	192.79	4.0	Bb	09	36	5	-06	07	0	0.780	245.1	1983.35718	1985.05481	13.0	14.8	——
2159	09	36	20.44	-02	50	2.6	0.84	213.56	7.4		09	36	20	-02	50	6	0.800	214.1	1954.99573	1985.05481	12.5	13.6	——
2160	09	37	4.87	27	45	40.6	0.79	201.61	11.6		09	37	4	27	45	42	0.764	206.3	1952.08008	1989.02563	16.5	18.3	——
2161	09	37	4.34	02	17	35.5	0.80	141.30	13.5	Bb	09	37	4	02	17	48	0.607	149.2	1983.35168	1986.19995	11.3	11.9	——
2162	09	37	9.47	-17	06	46.3	0.56	236.92	7.8		09	37	10	-17	06	48	0.503	234.8	1984.26086	1995.30408	15.2	16.5	——
2163	09	38	17.77	22	00	41.0	0.65	270.78	10.8	B	09	38	17	22	00	42	0.735	271.7	1949.89990	1989.18140	13.4	14.9	——
2164	09	38	23.93	02	40	36.2	0.86	203.07	19.9	T	09	38	25	02	40	48	0.828	202.4	1951.00916	1986.19995	12.2	13.8	0238-00614-1
2165	09	38	43.90	-39	23	14.6	0.54	131.82	24.6	T	09	38	46	-39	23	18	0.525	132.2	1977.06470	1991.34241	10.6	12.0	7696-01273-1
2166	09	39	46.37	-41	04	3.2	0.64	303.95	15.8	T	09	39	46	-41	03	48	0.663	305.0	1977.06470	1991.34241	10.9	12.7	7696-01226-1
2167	09	39	48.44	-14	58	32.3	1.04	286.13	7.3	dgm	09	39	48	-14	58	36	0.516	268.2	1984.26086	1995.30408	18.5	20.6	——
2168	09	40	4.98	08	06	8.0	0.73	216.45	8.0		09	40	5	08	06	0	0.706	219.4	1951.00916	1995.23877	14.3	15.8	——
2169	09	40	43.20	01	00	29.5	0.53	163.75	7.1	TBb	09	40	43	01	00	36	0.528	165.8	1983.35168	1986.19995	10.5	11.0	0236-00847-1
2170	09	40	46.66	00	50	46.7	0.47	264.71	6.9	B	09	40	47	00	50	42	0.545	266.1	1983.35168	1986.19995	13.6	15.1	——
2171	09	41	2.25	22	01	26.6	0.74	132.63	17.7	B	09	41	1	22	01	30	0.672	135.1	1949.89990	1989.18140	13.1	14.7	——
2172	09	41	7.47	43	02	31.0	0.57	185.24	5.2		09	41	7	43	02	30	0.570	186.9	1953.10510	1995.23596	17.6	20.0	——
2173	09	41	10.36	13	12	34.4	0.67	257.61	34.8	TP	09	41	8	13	12	30	0.648	253.5	1954.15417	——	10.7	12.0	0827-01159-1
2174	09	41	48.28	17	21	45.5	0.58	148.83	18.5		09	41	47	17	21	48	0.552	153.3	1955.94653	1989.18140	17.9	19.8	——
2175	09	42	23.26	55	59	0.1	0.87	232.39	2.2		09	42	23	55	59	0	0.890	235.7	1953.13232	1991.25525	12.0	13.5	——
2176	09	42	34.84	70	02	2.0	0.72	248.24	8.1	TPd	09	42	35	70	01	54	0.727	246.4	1955.06958	——	10.7	12.2	4386-01705-1
2177	09	42	35.66	-19	14	4.9	0.52	245.77	5.0	T	09	42	36	-19	14	6	0.520	243.6	1977.07019	1996.13110	12.1	14.8	6051-00321-1
2178	09	42	51.72	70	02	21.9	0.72	248.08	4.2	TPd	09	42	52	70	02	18	0.727	246.4	1955.06958	——	11.5	13.0	4386-01592-1

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2179	09	42	58.55	-09	58	46.8	0.21	242.23	9.4	Bb	09	42	58	-09	58	42	0.501	299.3	1983.35437	1987.31238	18.1	21.0	——
2180	09	43	25.66	42	41	29.6	0.83	177.70	9.7	Tcs	09	43	25	42	41	36	0.832	177.0	1953.10510	1995.23596	8.3	9.6	2998-00993-1
2181	09	43	55.65	26	58	8.4	0.59	260.24	5.9	H	09	43	56	26	58	12	0.603	260.8	1952.08008	1989.02563	12.0	—	47741
2182	09	44	29.83	-45	46	35.4	0.74	218.57	19.9	T	09	44	28	-45	46	30	0.746	217.3	1980.06445	1995.09314	10.4	11.9	8168-02031-1
2183	09	44	39.02	38	51	18.3	0.55	145.59	0.4		09	44	39	38	51	18	0.518	146.2	1953.10510	1992.09375	14.7	16.2	——
2184	09	44	59.95	08	57	37.6	0.57	152.69	14.7		09	44	59	08	57	42	0.507	156.3	1954.15417	1995.23877	13.6	15.2	——
2185	09	45	5.05	38	33	27.0	0.59	251.07	11.5		09	45	6	38	33	24	0.606	253.6	1953.10510	1992.09375	13.3	14.6	——
2186	09	46	9.28	-04	25	44.2	0.33	166.64	4.7	Bb	09	46	9	-04	25	42	0.547	287.6	1983.35718	1985.05481	13.1	15.4	——
2187	09	46	38.57	19	33	5.3	0.55	235.27	6.1		09	46	39	19	33	6	0.559	239.0	1955.94653	1989.18140	18.6	20.4	——
2188	09	46	48.49	76	02	38.1	1.00	175.08	6.7	T	09	46	50	76	02	42	0.991	173.2	1953.18433	1991.93286	10.8	12.0	4542-02612-1
2189	09	47	29.48	-22	48	34.1	0.59	164.13	8.3		09	47	30	-22	48	30	0.631	158.9	1980.11633	1996.13110	15.0	16.6	——
2190	09	47	38.42	37	10	16.9	0.50	118.23	8.7		09	47	38	37	10	24	0.576	125.3	1955.19788	1992.09375	17.7	19.4	——
2191	09	48	0.41	60	15	24.7	0.89	256.43	7.3		09	48	0	60	15	18	0.888	257.3	1953.19800	1997.10486	11.3	13.5	——
2192	09	48	13.14	-19	08	58.7	0.73	203.13	12.2		09	48	14	-19	09	0	0.722	200.8	1977.07019	1996.13110	15.6	16.9	——
2193	09	48	45.14	-12	30	37.0	0.75	181.56	7.3	Bb	09	48	45	-12	30	30	0.612	223.7	1983.35437	1987.31238	15.9	17.0	——
2194	09	48	56.02	13	44	38.3	0.88	154.50	8.3	PW	09	48	56	13	44	30	0.876	154.5	1954.15417	——	8.0	8.4	——
2195	09	49	22.37	08	06	43.8	0.89	173.86	143.1		09	49	32	08	06	48	0.907	179.7	1951.00916	1995.23877	19.2	21.0	——
2196	09	49	34.50	80	26	41.7	0.55	218.00	5.8	P	09	49	34	80	26	36	0.546	218.0	1953.28833	——	13.9	15.4	——
2197	09	50	21.47	62	38	34.0	0.51	223.06	5.5		09	50	22	62	38	30	0.536	227.2	1953.20349	1989.97644	14.6	16.3	——
2198	09	50	32.03	04	57	49.6	0.75	265.50	1.6	P	09	50	32	04	57	48	0.746	265.5	1951.00916	——	13.4	14.7	——
2199	09	51	1.93	-16	49	55.3	0.67	231.69	1.6		09	51	2	-16	49	54	0.679	241.5	1984.26086	1995.30408	15.3	16.9	——
2200	09	51	8.09	26	49	47.7	0.65	159.57	19.1		09	51	7	26	50	0	0.557	163.2	1952.08008	1991.26074	16.2	17.7	——
2201	09	51	7.27	-43	30	8.2	0.73	114.40	17.7	s	09	51	8	-43	30	24	0.664	137.0	1952.08008	1991.26074	8.8	10.2	——
2202	09	52	16.02	60	16	47.5	0.51	226.36	0.5		09	52	16	60	16	48	0.506	226.8	1980.06445	1995.09314	11.4	12.5	——
2203	09	52	28.24	41	53	28.0	0.74	210.18	3.4		09	52	28	41	53	30	0.736	214.3	1953.19800	1997.10486	14.2	15.7	——
2204	09	53	13.71	18	45	3.7	0.75	156.64	9.2		09	53	14	18	45	12	0.710	158.0	1953.10510	1989.93274	16.3	17.6	——
2205	09	53	33.66	50	45	2.1	0.47	264.96	3.8		09	53	34	50	45	0	0.505	271.9	1955.94653	1989.18140	11.5	13.1	——
2206	09	53	55.25	20	56	45.4	0.49	314.50	10.8		09	53	56	20	56	48	0.506	320.7	1953.13232	1989.93005	13.2	15.0	——
2207	09	54	8.72	09	59	36.4	0.86	180.62	358.7		09	54	33	09	59	42	0.806	183.6	1955.21985	1989.18140	13.2	14.8	——
2208	09	54	35.01	-58	43	47.8	0.61	316.80	202.6	PW	09	54	9	-58	43	42	0.614	316.8	1987.19299	——	9.3	10.4	——
2209	09	54	52.37	-13	31	21.3	0.78	215.04	6.3		09	54	52	-13	31	18	0.744	212.7	1954.15417	1988.94385	14.7	16.2	——
2210	09	55	1.28	-19	30	2.3	0.51	223.23	10.4		09	55	2	-19	30	0	0.509	217.7	1984.30713	1995.30408	13.0	14.2	——
2211	09	56	08.67	62	47	18.5	0.66	207.48	7.9	Tcs	09	56	8	62	47	12	0.673	209.0	1977.07019	1996.13110	9.2	10.8	4140-00922-1
2212	09	56	27.06	22	38	59.4	0.52	234.07	14.7		09	56	26	22	39	0	0.536	239.9	1953.20349	1989.97644	13.4	15.2	——
2213	09	58	34.31	-46	25	30.5	0.68	135.01	13.6	T	09	58	35	-46	25	42	0.676	136.1	1955.21985	1991.26074	11.4	12.9	8182-03156-1
2214	09	59	13.64	-33	04	24.6	0.46	300.97	10.4		09	59	13	-33	04	18	0.541	305.8	1980.06445	1995.09314	14.3	17.3	——
2215	09	59	56.14	20	02	32.6	0.62	204.06	12.4		09	59	57	20	02	30	0.649	207.5	1978.02649	1992.24048	18.1	20.7	——
2216	10	01	00.65	31	55	25.2	0.68	230.89	8.4	Tc	10	01	0	31	55	24	0.681	230.2	1955.22266	1989.18140	5.5	6.2	2503-01516-1
2217	10	03	33.10	05	57	49.3	0.66	257.80	2.0	P	10	03	33	05	57	48	0.659	257.8	1955.22534	——	12.3	14.0	——
2218	10	05	51.25	-19	24	16.0	0.54	155.10	5.3	P	10	05	51	-19	24	12	0.538	155.1	1980.21167	——	14.4	16.1	——
2219	10	06	1.80	-18	28	54.4	0.53	293.70	31.3	Pc	10	06	4	-18	28	54	0.527	293.7	1980.21167	——	17.7	18.2	——
2220	10	06	43.92	41	42	51.7	0.49	208.94	3.8		10	06	44	41	42	48	0.557	217.2	1953.20618	1989.93274	11.0	12.7	——
2221	10	07	29.51	-85	04	33.0	0.69	304.91	26.6	Ts	10	07	9	-85	04	36	0.664	305.3	1978.10291	1993.24390	8.8	9.5	9511-01761-1
2222	10	07	59.73	69	14	44.7	0.87	269.60	26.6	P	10	07	55	69	14	36	0.872	269.6	1953.17883	——	14.4	15.9	——
2223	10	08	46.73	15	10	7.8	0.63	302.28	11.4		10	08	46	15	10	12	0.643	303.1	1955.22266	1994.24707	16.2	17.8	——
2224	10	09	30.11	51	17	17.7	0.98	205.07	23.7		10	09	30	51	16	54	0.927	209.3	1955.07788	1989.93005	13.8	15.1	——
2225	10	09	56.95	46	51	16.5	0.76	178.48	7.5		10	09	57	46	51	24	0.698	182.5	1955.21167	1989.91638	13.8	15.1	——
2226	10	10	8.86	-26	16	58.8	0.61	145.45	11.6	cm	10	10	8	-26	17	0	0.609	151.2	1978.34900	1992.24316	16.2	17.3	——
2227	10	10	36.35	21	26	10.3	0.80	135.00	6.5	P	10	10	36	21	26	6	0.797	135.0	1955.21985	——	16.1	17.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2228	10	11	09.19	-82	51	57.6	0.56	306.25	31.1	T	10	11	18	-82	52	24	0.556	303.7	1978.10291	1991.27673	11.3	13.0	9507-03651-1
2229	10	11	41.69	28	45	57.5	0.77	187.00	9.7		10	11	41	28	45	54	0.743	189.6	1955.29077	1989.92725	15.7	16.8	——
2230	10	12	04.68	-02	41	5.1	0.79	140.31	8.4	T	10	12	5	-02	41	12	0.829	142.0	1952.08569	1986.02466	11.0	13.1	4907-00091-1
2231	10	12	08.15	-18	37	3.9	0.52	268.59	22.0	T	10	12	8	-18	36	42	0.525	270.1	1980.21167	1995.30139	10.2	11.9	6063-00115-1
2232	10	12	34.55	57	03	50.7	0.64	217.10	10.3	P	10	12	34	57	04	0	0.636	217.1	1954.01221	——	12.1	13.4	——
2233	10	12	59.73	-35	44	1.1	0.43	287.16	40.0		10	13	2	-35	44	30	0.532	292.7	1978.02649	1992.24048	13.1	14.6	——
2234	10	13	09.51	09	35	44.1	0.56	187.20	12.3	T	10	13	10	09	35	54	0.622	182.6	1950.29089	1991.26904	10.0	10.9	0837-00082-1
2235	10	13	31.16	13	23	40.8	0.52	263.22	5.3		10	13	31	13	23	36	0.529	258.9	1950.29089	1987.31824	14.2	15.8	——
2236	10	13	53.04	-06	48	48.0	0.45	257.51	0.6	Bb	10	13	53	-06	48	48	0.544	259.0	1982.28625	1986.24390	18.0	21.1	——
2237	10	13	57.60	52	30	22.9	0.81	170.31	17.7		10	13	57	52	30	6	0.754	174.1	1955.07788	1989.93005	10.5	11.8	——
2238	10	14	32.00	43	54	22.6	0.96	229.31	4.6		10	14	32	43	54	18	0.976	230.1	1953.20618	1989.91638	12.2	14.7	——
2239	10	14	42.88	62	09	26.8	0.69	224.68	10.8		10	14	42	62	09	18	0.661	227.2	1953.10522	1997.02844	15.0	16.5	——
2240	10	15	02.65	-09	40	1.1	0.56	248.07	9.7	TBb	10	15	2	-09	40	0	0.598	249.5	1983.34888	1991.27124	12.6	12.9	5490-00010-1
2241	10	15	43.16	50	30	59.3	0.56	180.74	45.6		10	15	46	50	31	36	0.528	184.9	1955.07788	1989.93005	15.0	16.5	——
2242	10	16	6.93	-01	19	17.9	0.37	260.52	13.9	Bb	10	16	6	-01	19	18	0.504	273.6	1983.17957	1991.27173	15.1	15.0	——
2243	10	16	34.84	27	51	48.2	0.49	193.36	2.1		10	16	35	27	51	48	0.510	190.5	1955.29077	1990.00110	17.4	20.8	——
2244	10	16	45.94	-11	57	42.4	0.74	214.89	0.9	Tb	10	16	46	-11	57	42	0.744	213.9	1983.34888	1991.27124	11.2	13.0	5493-00440-1
2245	10	17	9.50	30	28	7.9	0.87	183.76	6.7		10	17	10	30	28	6	0.868	187.7	1955.29077	1990.00110	13.5	14.8	——
2246	10	17	12.60	28	53	27.2	0.56	197.03	11.8		10	17	12	28	53	36	0.538	204.6	1955.29077	1990.00110	16.1	17.7	——
2247	10	17	50.72	-19	44	58.8	0.13	164.79	82.8	b	10	17	46	-19	45	48	0.986	312.4	1980.21167	1995.30139	18.4	19.5	——
2248	10	17	53.91	40	40	1.5	0.68	117.51	10.4		10	17	53	40	40	0	0.653	119.3	1953.20618	1990.21960	12.6	13.9	——
2249	10	18	39.55	44	42	43.9	0.40	207.95	9.9		10	18	39	44	42	36	0.512	215.0	1955.21167	1989.91638	14.4	15.9	——
2250	10	18	40.60	65	11	59.9	0.65	125.83	12.2		10	18	41	65	11	48	0.617	130.3	1953.10522	1997.02844	15.6	16.9	——
2251	10	20	43.40	-01	28	11.4	0.69	255.74	6.0	T	10	20	43	-01	28	12	0.712	254.6	1983.17957	1991.27173	9.5	10.9	4905-00608-1
2252	10	20	51.27	-13	42	35.4	0.76	149.22	11.9	Bb	10	20	52	-13	42	30	0.537	158.1	1982.06482	1988.20496	14.7	16.5	——
2253	10	22	20.33	-60	10	7.7	0.56	141.20	97.9	Pd	10	22	21	-60	08	30	0.557	141.2	1987.19299	——	10.2	11.7	——
2254	10	22	20.65	-60	09	59.6	0.56	141.20	102.1	Pcd	10	22	22	-60	08	18	0.557	141.2	1987.19299	——	12.0	13.5	——
2255	10	23	1.10	09	10	27.0	0.63	231.31	13.7		10	23	2	09	10	30	0.587	236.3	1951.09412	1991.26904	17.1	18.6	——
2256	10	24	20.49	-05	46	42.5	0.50	136.80	22.3	Bb	10	24	19	-05	46	42	0.502	146.2	1982.28625	1986.24390	15.3	16.8	——
2257	10	24	23.53	-02	34	18.1	0.85	272.95	7.1	m	10	24	24	-02	34	18	0.886	273.8	1952.08301	1991.27173	14.3	15.8	——
2258	10	25	2.83	-09	05	15.5	0.48	217.40	3.6	Bb	10	25	3	-09	05	18	0.552	232.6	1983.34888	1991.27124	14.9	16.8	——
2259	10	25	10.84	-10	13	43.3	0.70	279.83	5.2	Tb	10	25	11	-10	13	48	0.722	276.1	1983.34888	1991.27124	10.4	12.4	5494-00139-1
2260	10	25	30.39	26	23	15.8	0.63	207.84	8.4		10	25	31	26	23	18	0.537	212.4	1955.28259	1990.01208	13.4	14.7	——
2261	10	25	29.13	-49	54	28.0	0.51	279.97	73.1		10	25	34	-49	55	24	0.582	282.7	1977.05664	1992.08472	12.5	13.8	——
2262	10	26	2.68	50	27	11.1	0.63	214.40	17.3	Pd	10	26	3	50	26	54	0.627	214.4	1955.07788	——	13.8	15.1	——
2263	10	26	3.29	50	27	23.3	0.63	214.40	18.6	P	10	26	4	50	27	6	0.627	214.4	1955.07788	——	14.0	15.5	——
2264	10	26	07.63	-17	58	42.7	0.60	288.47	9.0	T	10	26	7	-17	58	42	0.587	291.4	1979.38184	1993.08496	11.3	12.4	6065-00637-1
2265	10	26	41.28	-06	31	34.9	0.64	179.78	6.4	TBb	10	26	41	-06	31	30	0.603	183.1	1982.28625	1986.24390	9.9	11.0	4911-00300-1
2266	10	28	3.78	48	47	4.8	0.90	175.00	17.9	PWcdm	10	28	5	48	47	18	0.896	175.0	1955.21167	——	—	13.6	——
2267	10	28	03.88	48	47	5.6	0.89	174.65	12.8	TPWcd	10	28	5	48	47	12	0.896	175.0	1955.21167	——	6.5	7.2	3438-00194-1
2268	10	28	27.91	48	14	20.6	0.63	102.90	59.1	P	10	28	22	48	14	18	0.633	102.9	1955.21167	——	12.7	14.5	——
2269	10	28	48.49	11	35	7.3	0.52	232.32	168.9		10	28	37	11	35	12	0.522	239.5	1951.09412	1991.26904	16.0	17.6	——
2270	10	28	41.47	32	14	17.2	0.45	287.39	9.5		10	28	42	32	14	24	0.511	292.9	1955.28259	1990.00110	12.5	14.1	——
2271	10	28	54.47	27	02	29.3	0.54	219.78	6.3		10	28	54	27	02	30	0.507	225.4	1955.28259	1990.01208	12.7	14.2	——
2272	10	28	55.55	00	50	27.6	0.95	219.33	9.0	Tb	10	28	55	00	50	24	0.956	220.4	1983.17957	1991.27173	9.8	11.5	0246-01068-1
2273	10	29	7.56	11	27	17.7	0.54	129.71	10.0		10	29	7	11	27	12	0.505	129.1	1951.09412	1991.26904	16.7	16.9	——
2274	10	30	23.78	32	50	12.0	0.56	221.01	48.0		10	30	20	32	50	18	0.555	229.4	1954.25537	1989.17603	12.7	14.0	——
2275	10	30	47.19	59	45	3.1	0.49	232.25	3.2	cs	10	30	47	59	45	6	0.507	235.9	1954.01221	1991.28540	9.3	10.6	——
2276	10	30	51.29	-51	19	10.7	0.58	241.81	35.1		10	30	55	-51	19	6	0.603	246.0	1977.05664	1992.08472	12.9	13.8	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2277	10	30	57.46	49	44	48.7	0.70	233.70	5.3	P	10	30	58	49	44	48	0.701	233.7	1955.21167	——	15.4	16.9	——
2278	10	31	8.12	29	50	18.4	0.50	201.33	6.5		10	31	8	29	50	12	0.502	205.7	1955.28259	1990.00110	14.6	15.7	——
2279	10	31	24.21	45	31	33.8	0.82	223.64	11.7	Ts	10	31	25	45	31	42	0.822	225.4	1955.21167	1989.91638	9.0	10.6	3442-00945-1
2280	10	31	51.96	-13	01	45.8	0.51	345.08	2.3	Bb	10	31	52	-13	01	48	0.560	319.4	1982.06482	1988.20496	16.1	17.7	——
2281	10	31	57.39	19	31	57.7	0.68	183.90	9.3	P	10	31	58	19	31	54	0.679	183.9	1950.21716	——	14.5	16.0	——
2282	10	32	31.98	-10	24	30.5	0.70	213.81	14.5	Bb	10	32	31	-10	24	30	0.533	239.5	1983.34888	1986.02466	16.9	18.6	——
2283	10	33	47.28	16	02	10.1	0.57	265.56	5.8		10	33	47	16	02	6	0.579	267.6	1950.21716	1993.22253	13.5	15.3	——
2284	10	35	23.07	07	31	12.2	0.60	152.53	1.1		10	35	23	07	31	12	0.635	154.4	1955.29907	1993.21985	11.9	12.5	——
2285	10	36	1.30	05	07	11.2	0.63	278.61	11.7		10	36	2	05	07	6	0.642	278.1	1955.29907	1991.06409	11.8	13.6	——
2286	10	36	32.38	-12	13	48.4	0.72	158.23	5.6	TBbcs	10	36	32	-12	13	48	0.722	159.5	1984.18188	1986.02466	5.8	6.3	5495-01546-1
2287	10	36	52.61	03	57	27.6	0.49	227.19	39.4		10	36	52	03	58	6	0.511	232.3	1955.29907	1991.06409	18.6	20.3	——
2288	10	36	55.74	07	32	9.2	0.66	269.87	15.7		10	36	56	07	31	54	0.735	269.5	1955.29907	1993.21985	19.1	21.2	——
2289	10	37	51.10	48	12	52.2	0.79	238.00	2.0	P	10	37	51	48	12	54	0.786	238.0	1953.20361	——	15.3	16.9	——
2290	10	37	56.08	33	02	54.3	0.57	207.37	1.0		10	37	56	33	02	54	0.545	212.6	1954.25537	1989.17603	14.2	15.3	——
2291	10	38	17.94	76	10	17.6	0.52	234.55	15.5		10	38	14	76	10	24	0.522	238.6	1955.06970	1991.93286	11.1	12.4	——
2292	10	38	33.37	35	29	48.0	0.46	300.25	17.8		10	38	32	35	29	54	0.506	298.5	1953.34583	1989.17603	12.3	13.6	——
2293	10	38	55.59	-20	40	58.7	0.53	335.17	5.9		10	38	56	-20	41	0	0.628	330.3	1979.38184	1993.08496	16.2	15.9	——
2294	10	39	13.76	-26	01	37.5	0.52	291.43	10.3		10	39	13	-26	01	36	0.608	293.7	1979.14685	1993.08215	17.0	18.5	——
2295	10	39	40.56	-06	55	25.5	0.73	261.84	23.2	TP	10	39	39	-06	55	24	0.725	261.2	1983.34338	——	11.7	12.6	4918-01304-1
2296	10	40	18.86	-19	22	48.8	0.67	254.52	7.0	d	10	40	19	-19	22	42	0.693	261.3	1979.38184	1993.08496	12.9	14.0	——
2297	10	42	44.11	-03	56	46.6	0.52	276.90	142.4	Pdi	10	42	37	-03	55	12	0.516	276.9	1983.34338	——	13.5	15.0	——
2298	10	42	44.11	-03	56	46.6	0.52	276.90	142.4	Pdi	10	42	37	-03	55	12	0.516	276.9	1983.34338	——	13.5	15.0	——
2299	10	42	44.87	-21	54	20.1	0.62	226.88	14.6		10	42	44	-21	54	12	0.706	234.5	1979.38184	1995.09045	16.8	18.4	——
2300	10	42	47.06	-18	01	5.7	0.56	229.14	5.7		10	42	47	-18	01	0	0.608	250.4	1979.38184	1995.09045	17.9	20.1	——
2301	10	43	20.54	23	31	32.6	0.52	185.10	30.1	P	10	43	19	23	31	54	0.517	185.1	1955.27991	——	14.4	15.9	——
2302	10	43	48.34	26	48	36.9	0.51	246.90	77.2	P	10	43	43	26	49	6	0.511	246.9	1955.28259	——	14.8	16.4	——
2303	10	44	29.25	-18	38	9.7	0.74	228.36	5.2		10	44	29	-18	38	6	0.758	237.6	1980.20093	1995.09045	13.8	15.4	——
2304	10	44	57.49	23	34	40.5	0.66	246.50	6.9	P	10	44	57	23	34	42	0.659	246.5	1955.22815	——	12.6	13.7	——
2306	10	45	34.14	-35	21	16.5	0.86	288.24	121.1		10	45	44	-35	21	6	0.967	292.1	1980.21179	1995.10132	12.4	13.9	——
2307	10	46	3.93	32	17	21.7	0.72	244.90	2.5	P	10	46	4	32	17	24	0.722	244.9	1953.34583	——	12.7	14.8	——
2308	10	47	23.17	28	23	55.9	0.84	167.72	37.5	TP	10	47	26	28	24	0	0.845	165.2	1955.21997	——	10.4	10.8	1979-02518-1
2309	10	47	36.00	68	51	0.0	0.57	259.10	—	2N	10	47	36	68	51	0	0.568	259.1	1953.17883	——	18.4	20.2	——
2310	10	47	39.34	-79	27	47.1	0.48	238.11	74.2		10	48	6	-79	28	0	0.505	244.6	1976.07556	1991.27673	13.8	15.3	——
2311	10	48	17.75	-30	07	16.5	0.50	272.46	9.8		10	48	17	-30	07	18	0.569	275.1	1979.37903	1993.15344	12.9	14.9	——
2312	10	48	57.97	51	27	27.3	0.58	233.65	2.7		10	48	58	51	27	30	0.595	238.6	1953.12158	1995.23340	13.9	15.0	——
2313	10	49	0.91	47	45	53.3	0.46	244.11	1.2		10	49	1	47	45	54	0.502	249.7	1953.20361	1995.23340	15.4	17.0	——
2314	10	49	3.47	05	02	21.5	0.60	210.74	8.3		10	49	4	05	02	24	0.624	216.6	1953.28552	1991.06409	17.6	20.7	——
2315	10	49	12.48	33	31	58.4	0.59	222.20	7.5	P	10	49	12	33	31	54	0.592	222.2	1953.34583	——	15.3	17.5	——
2317	10	50	26.09	33	06	3.8	0.63	171.10	2.4	P	10	50	26	33	06	6	0.629	171.1	1953.34583	——	11.8	13.7	——
2318	10	51	8.00	20	16	36.0	0.55	210.50	—	2N	10	51	8	20	16	36	0.554	210.5	1955.22815	——	7.9	8.3	——
2319	10	51	54.03	33	42	14.2	0.75	236.00	13.0	P	10	51	53	33	42	12	0.749	236.0	1953.34583	——	15.2	16.9	——
2320	10	52	14.33	05	55	8.1	0.68	262.04	9.5		10	52	14	05	55	0	0.639	257.8	1953.28552	1991.06409	14.4	16.2	——
2321	10	52	36.41	-02	06	41.0	0.86	203.53	14.1		10	52	37	-02	06	30	0.804	205.0	1955.29370	1986.24927	9.7	10.8	——
2322	10	52	59.80	-13	44	52.1	0.91	119.10	11.8	bdm	10	52	59	-13	44	54	0.725	117.6	1984.24182	1992.18848	14.5	16.0	——
2323	10	52	59.81	-13	44	52.1	0.91	119.24	11.9	bdm	10	52	59	-13	44	54	0.725	117.6	1984.24182	1992.18848	15.0	16.5	——
2324	10	53	9.06	-14	33	39.0	0.60	254.08	3.1	b	10	53	9	-14	33	42	0.663	265.8	1984.24182	1992.18848	13.7	16.0	——
2325	10	53	31.97	12	56	1.9	0.66	200.16	1.9		10	53	32	12	56	0	0.641	207.8	1954.11072	1987.00134	13.8	15.6	——
2326	10	54	26.04	24	06	42.7	0.66	217.41	0.9		10	54	26	24	06	42	0.667	224.3	1955.22815	1992.31201	15.4	16.8	——
2327	10	55	5.83	47	14	28.9	0.61	249.84	8.5		10	55	5	47	14	30	0.671	255.6	1953.20361	1992.03674	12.2	14.0	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ^b	θ^b	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2328	10	55	34.55	-09	21	26.7	0.38	337.67	17.4	Bb	10	55	34	-09	21	42	0.528	329.5	1983.28625	1992.03821	12.7	14.8	——
2329	10	55	40.26	-52	10	16.6	0.59	277.80	34.3		10	55	37	-52	10	0	0.617	280.6	1979.31079	1995.30408	12.1	13.6	——
2330	10	55	48.07	22	54	29.1	0.63	242.43	27.1		10	55	50	22	54	24	0.685	249.8	1955.22815	1992.31201	17.4	20.3	——
2331	10	56	48.00	56	02	12.0	0.55	283.10	—	N	10	56	48	56	02	12	0.548	283.1	1953.12158	1991.25537	12.5	14.0	——
2332	10	57	00.08	41	53	4.0	0.75	247.46	2.2	T	10	57	0	41	53	6	0.744	250.1	1955.21179	1992.03674	9.8	10.8	3011-00057-1
2333	10	57	35.18	-07	31	24.8	0.95	182.57	2.8	Bb	10	57	35	-07	31	24	0.816	274.0	1984.17651	1985.05481	14.5	14.5	——
2334	10	57	38.13	69	35	47.1	0.63	274.50	7.8	P	10	57	37	69	35	42	0.634	274.5	1953.27747	——	10.5	11.8	——
2335	10	58	35.10	-31	08	39.1	0.59	261.02	3.1		10	58	35	-31	08	42	0.531	261.4	1978.11133	1991.19727	11.6	14.4	——
2336	10	58	54.09	50	19	39.6	0.77	155.91	2.5		10	58	54	50	19	42	0.680	156.6	1953.12158	1995.23340	14.3	15.9	——
2337	10	59	6.29	30	15	11.7	0.63	238.40	17.7	P	10	59	5	30	15	6	0.631	238.4	1955.21997	——	14.6	16.5	——
2338	10	59	10.74	-18	28	45.5	0.56	230.02	5.0		10	59	11	-18	28	42	0.599	241.0	1980.20093	1995.09045	13.1	14.6	——
2339	10	59	31.53	-24	09	55.9	0.42	293.35	8.3		10	59	31	-24	10	0	0.501	291.6	1978.20142	1990.32056	17.4	21.0	——
2340	11	00	35.82	37	28	47.9	0.69	245.03	2.1		11	00	36	37	28	48	0.726	251.4	1953.34583	1992.09399	14.0	15.3	——
2341	11	00	58.91	15	41	23.0	0.67	180.76	13.2		11	00	58	15	41	24	0.635	183.1	1952.00659	1987.00134	17.4	19.1	——
2342	11	01	54.11	34	10	15.8	0.54	246.79	4.0		11	01	54	34	10	12	0.530	250.6	1953.34583	1992.09399	16.8	19.2	——
2343	11	02	33.53	40	07	34.5	0.62	165.64	7.5		11	02	33	40	07	30	0.574	168.1	1955.21179	1989.03943	15.5	17.3	——
2344	11	03	39.73	21	15	5.3	0.46	266.31	3.9		11	03	40	21	15	6	0.526	273.1	1955.22815	1995.23071	13.4	14.7	——
2345	11	03	54.24	24	17	45.9	0.67	227.22	10.6		11	03	55	24	17	48	0.675	233.2	1955.22815	1992.31201	15.9	17.4	——
2346	11	04	49.67	04	43	44.9	0.73	171.43	10.5		11	04	49	04	43	48	0.711	174.0	1953.28552	1995.15417	16.5	18.1	——
2347	11	05	10.46	07	06	49.5	0.49	252.02	21.8		11	05	9	07	06	48	0.531	252.9	1953.28552	1995.15417	17.7	20.4	——
2348	11	05	43.14	10	14	9.4	0.93	138.46	20.7	H	11	05	43	10	14	30	0.919	139.1	1954.11072	1989.93555	12.4	—	54227
2349	11	06	7.45	53	12	9.4	0.81	227.39	14.3		11	06	9	53	12	6	0.791	227.2	1953.12158	1991.25537	14.5	15.8	——
2350	11	06	8.80	62	11	8.4	0.09	199.45	118.7		11	06	15	62	09	18	0.587	193.6	1954.11084	1991.28540	18.8	20.7	——
2351	11	06	19.09	04	28	32.1	0.46	320.86	2.5		11	06	19	04	28	30	0.506	314.8	1953.28552	1995.15417	17.8	21.0	——
2352	11	06	48.64	33	36	41.3	0.65	180.70	8.0		11	06	48	33	36	42	0.636	180.6	1953.18457	1992.09399	17.8	20.8	——
2353	11	07	19.59	01	36	1.0	1.19	140.76	7.9	Bb	11	07	20	01	36	6	0.733	145.4	1983.29163	1986.24927	13.3	14.6	——
2354	11	07	54.43	-30	10	28.4	0.52	255.21	5.8	Tcs	11	07	54	-30	10	30	0.535	254.2	1978.11133	1991.19727	6.6	7.2	7201-00619-1
2355	11	08	10.44	36	30	21.0	0.70	210.62	6.1		11	08	10	36	30	18	0.671	214.4	1953.18457	1992.09399	16.6	18.3	——
2356	11	08	41.36	-08	08	41.4	0.59	253.44	5.4	b	11	08	41	-08	08	42	0.627	265.6	1983.28625	1992.03821	13.1	14.8	——
2357	11	09	17.78	-19	17	38.1	0.48	255.83	3.8		11	09	18	-19	17	36	0.547	266.1	1978.32446	1992.24316	14.1	15.2	——
2358	11	09	31.34	-24	35	55.1	0.91	240.97	29.3	T	11	09	30	-24	36	18	0.911	240.5	1978.20142	1990.32056	10.7	12.2	6640-00765-1
2359	11	09	38.00	75	42	0.0	0.53	176.70	—	2N	11	09	38	75	42	0	0.532	176.7	1955.06970	——	14.3	15.8	——
2360	11	10	1.28	-74	36	16.7	0.61	303.76	54.4		11	09	53	-74	37	0	0.695	304.8	1976.25281	1991.20276	14.5	16.0	——
2361	11	10	2.71	-02	47	29.0	0.57	164.17	10.7		11	10	2	-02	47	30	0.504	161.5	1955.29919	1985.05481	12.1	13.1	——
2362	11	10	45.98	10	18	52.2	0.58	131.06	1.8		11	10	46	10	18	54	0.543	131.1	1950.27734	1989.93555	15.6	17.3	——
2363	11	10	51.60	47	57	1.0	0.61	205.11	7.8		11	10	51	47	57	6	0.586	210.6	1953.20361	1995.23340	13.3	15.2	——
2364	11	10	59.38	20	26	5.7	0.88	263.53	10.8		11	11	0	20	26	12	0.816	267.0	1955.21997	1995.23071	16.9	17.8	——
2365	11	11	0.04	06	25	10.5	0.77	226.62	1.6		11	11	0	06	25	12	0.773	227.8	1955.28821	1995.15417	11.5	12.1	——
2366	11	11	2.48	30	26	41.5	0.62	110.20	6.2	PWds	11	11	2	30	26	42	0.618	110.2	1950.34021	——	9.8	11.6	——
2367	11	11	05.17	30	26	45.7	0.62	108.50	4.3	TPWds	11	11	5	30	26	42	0.618	110.2	1950.34021	——	8.5	10.1	2520-02524-1
2368	11	11	19.54	43	25	3.8	0.77	236.90	17.9	Pdm	11	11	21	43	25	12	0.766	236.9	1955.21179	——	11.2	12.8	——
2369	11	11	19.55	43	25	3.7	0.77	236.90	17.9	Pdm	11	11	21	43	25	12	0.766	236.9	1955.21179	——	11.5	13.2	——
2370	11	11	33.13	-14	59	29.0	0.93	129.79	17.1	Tcs	11	11	33	-14	59	12	0.920	129.0	1984.24182	1992.18848	9.2	10.5	5507-00552-1
2371	11	11	54.78	56	57	29.7	0.60	274.82	48.8		11	11	56	56	56	42	0.586	274.5	1953.20911	1991.25537	18.1	19.8	——
2372	11	12	45.00	77	46	18.0	0.68	219.00	—	NP	11	12	45	77	46	18	0.676	219.0	1955.06970	——	16.1	17.7	——
2373	11	12	48.00	35	43	43.9	0.51	171.74	4.1	T	11	12	48	35	43	48	0.522	168.6	1953.18457	1992.09399	9.9	10.3	2522-01417-1
2374	11	13	1.61	12	54	38.6	0.63	116.72	9.5		11	13	1	12	54	42	0.587	117.2	1950.27734	1993.07507	13.8	15.4	——
2375	11	13	27.59	58	58	48.4	0.55	208.32	24.8		11	13	27	58	58	24	0.623	212.4	1953.20911	1993.30457	14.8	16.4	——
2376	11	13	42.13	-25	29	16.7	0.43	271.45	2.2		11	13	42	-25	29	18	0.518	277.9	1976.41089	1991.11511	14.8	16.1	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2377	11	14	2.24	45	16	7.0	0.51	268.30	9.4	P	11	14	3	45	16	12	0.508	268.3	1953.18726	——	18.1	20.9	——
2378	11	15	15.65	-18	07	37.5	0.84	163.50	5.2		11	15	16	-18	07	36	0.754	169.3	1978.32446	1992.24316	13.3	14.9	——
2379	11	15	19.57	-18	08	44.9	0.78	157.68	6.8	Hd	11	15	20	-18	08	42	0.754	169.3	1978.32446	1992.24316	10.1	—	54963A
2380	11	15	20.88	-18	08	42.1	0.78	155.73	6.4	Hd	11	15	21	-18	08	36	0.754	169.3	1978.32446	1992.24316	10.2	—	54966B
2381	11	15	25.62	00	03	13.4	0.60	164.67	14.1		11	15	25	00	03	24	0.530	164.3	1955.29919	1989.12329	13.4	15.3	——
2382	11	15	37.80	32	02	14.3	0.59	281.70	15.7		11	15	39	32	02	18	0.584	290.1	1950.34021	1992.09399	13.4	14.7	——
2383	11	16	5.16	08	00	11.1	0.72	261.60	18.0		11	16	6	08	00	24	0.729	265.5	1955.28821	1989.26355	12.0	13.3	——
2384	11	16	22.56	44	01	9.6	0.52	268.10	9.7	P	11	16	23	44	01	18	0.520	268.1	1955.21179	——	14.0	15.1	——
2385	11	16	37.73	-27	57	20.5	0.95	206.10	5.0		11	16	38	-27	57	24	0.951	211.7	1978.11133	1991.19727	13.8	15.3	——
2386	11	16	36.80	-44	07	51.9	0.45	261.71	157.1		11	16	45	-44	05	42	0.520	268.1	1976.33459	1995.10681	13.7	14.8	——
2387	11	17	5.43	21	17	47.0	0.55	196.10	6.1	s	11	17	5	21	17	48	0.568	201.1	1955.21997	1995.23071	8.8	9.7	——
2388	11	17	13.66	-01	58	54.7	0.57	268.73	5.2	T	11	17	14	-01	58	54	0.580	267.8	1955.29919	1989.11328	9.9	11.2	4922-00787-1
2389	11	17	44.37	17	15	13.0	0.93	181.70	10.3		11	17	45	17	15	18	0.887	183.1	1950.20618	1993.07507	12.4	14.2	——
2390	11	18	10.92	31	31	45.1	0.75	217.49	3.3	Tcdms	11	18	11	31	31	42	0.733	216.1	1950.34021	1989.02588	4.3	4.9	2520-02634-1
2391	11	18	10.92	31	31	45.1	0.75	217.49	3.3	Tdms	11	18	11	31	31	42	0.733	216.1	1950.34021	1989.02588	4.8	5.5	2520-02634-2
2392	11	18	15.14	-03	14	7.4	0.11	309.05	12.9	Bb	11	18	16	-03	14	6	0.563	292.4	1983.34912	1986.19995	15.3	15.0	——
2393	11	18	22.01	-05	04	2.3	0.81	100.79	2.3	TBbcs	11	18	22	-05	04	0	0.806	100.8	1983.34912	1986.19995	7.4	8.2	4928-00281-1
2394	11	18	25.87	27	04	46.3	0.70	242.54	16.9		11	18	27	27	04	54	0.739	247.3	1950.34021	1992.32288	13.4	14.9	——
2395	11	19	30.55	46	41	42.2	0.69	154.10	7.4	2	11	19	31	46	41	48	0.692	154.1	1953.18726	1991.10522	13.9	16.6	——
2396	11	20	18.19	-22	30	5.2	0.40	295.22	2.8		11	20	18	-22	30	6	0.525	303.4	1978.32446	1992.24316	16.8	19.0	——
2397	11	20	26.23	-14	39	46.6	0.53	228.90	22.4	P	11	20	27	-14	40	6	0.531	228.9	1983.35730	——	17.7	21.0	——
2397a	11	21	49.09	-13	13	8.2	0.52	261.00	4.0	P	11	21	49	-13	13	12	0.515	261.0	1983.35730	——	18.3	21.1	——
2398	11	22	17.89	59	13	6.2	0.54	137.70	54.9		11	22	19	59	12	12	0.520	138.1	1953.20911	1993.30457	16.0	17.5	——
2399	11	22	29.99	-14	31	2.2	0.51	236.60	15.1	P	11	22	31	-14	31	6	0.507	236.6	1983.35730	——	16.9	18.8	——
2400	11	22	42.70	-32	05	41.4	0.73	169.58	3.9		11	22	43	-32	05	42	0.610	173.9	1980.13843	1991.14246	16.4	17.9	——
2401	11	23	57.00	18	21	48.0	0.62	266.70	—	N	11	23	57	18	21	48	0.616	266.7	1950.20618	1995.23071	12.9	14.7	——
2402	11	24	37.00	-61	38	48.0	0.53	278.60	—	2N	11	24	37	-61	38	48	0.529	278.6	1987.19312	——	7.3	8.6	——
2403	11	25	0.51	43	19	36.5	0.59	247.20	5.6	P	11	25	0	43	19	36	0.591	247.2	1953.28296	——	14.3	16.0	——
2404	11	25	16.75	78	16	56.6	0.68	248.90	13.4	Pd	11	25	21	78	17	0	0.678	248.9	1955.06970	——	12.2	14.1	——
2405	11	25	29.45	78	15	56.6	0.66	254.88	11.1	TPd	11	25	26	78	16	0	0.678	248.9	1955.06970	——	12.2	14.0	4552-00008-1
2406	11	25	33.73	00	57	9.1	0.66	163.95	11.3	Bb	11	25	33	00	57	12	0.526	169.5	1980.21729	1989.12329	12.8	13.9	——
2407	11	26	45.32	03	00	47.2	0.75	283.99	4.9	Tcds	11	26	45	03	00	48	0.743	283.5	1955.28821	1996.27368	6.6	7.5	0267-01191-1
2408	11	26	46.33	03	00	22.0	0.71	282.08	6.3	cds	11	26	46	03	00	18	0.743	283.5	1955.28821	1996.27368	7.7	9.0	——
2409	11	26	56.41	11	52	25.6	0.51	289.90	11.5		11	26	57	11	52	18	0.503	290.8	1950.27734	1989.26355	13.4	14.7	——
2410	11	27	15.19	59	33	17.7	0.52	218.39	10.7	T	11	27	14	59	33	12	0.529	215.9	1953.20911	1993.30457	11.4	12.0	3831-00572-1
2411	11	27	23.44	22	49	18.0	0.63	212.63	7.7		11	27	24	22	49	18	0.635	217.0	1955.21997	1992.32288	12.8	14.1	——
2412	11	28	00.47	-09	10	56.5	1.01	147.81	7.8	HP	11	28	0	-09	11	0	0.994	148.6	1983.35181	——	12.5	—	55955
2413	11	28	35.02	56	43	8.2	0.89	133.94	2.2	dm	11	28	35	56	43	6	0.738	134.9	1953.20911	1993.31287	13.5	15.0	——
2414	11	28	35.01	56	43	8.1	0.89	134.09	2.1	dm	11	28	35	56	43	6	0.738	134.9	1953.20911	1993.31287	14.1	15.6	——
2415	11	28	56.37	10	10	37.2	0.88	305.79	20.3		11	28	55	10	10	36	0.929	306.5	1950.27734	1989.26355	12.0	13.1	——
2416	11	28	58.43	-15	56	18.7	0.57	183.00	49.9	P	11	28	55	-15	56	12	0.571	183.0	1983.35730	——	16.7	18.6	——
2417	11	30	35.08	-57	08	3.8	0.59	241.85	9.1	Bb	11	30	34	-57	08	6	0.565	272.1	1988.46826	1992.23499	8.9	10.0	——
2418	11	30	34.99	21	32	11.4	0.41	304.65	28.8		11	30	37	21	32	18	0.518	306.5	1955.21997	1992.32556	12.6	14.8	——
2419	11	31	26.64	-05	03	37.1	0.40	211.23	9.7	Bb	11	31	26	-05	03	36	0.580	277.5	1983.34912	1986.19995	17.8	20.8	——
2420	11	31	32.80	02	13	37.7	1.02	220.19	5.2	b	11	31	33	02	13	42	0.787	229.8	1980.21729	1989.12329	11.9	13.2	——
2421	11	31	34.99	00	12	8.1	0.81	157.56	15.0	b	11	31	34	00	12	6	0.672	164.5	1980.21729	1989.11328	14.6	15.9	——
2422	11	31	43.39	22	40	1.7	0.59	273.09	23.6	T	11	31	45	22	39	54	0.580	270.0	1955.21997	1992.32288	10.3	12.1	1982-00539-1
2423	11	31	46.51	-41	02	47.2	0.73	283.72	29.0	T	11	31	49	-41	02	54	0.717	290.1	1977.07043	1996.21313	11.7	14.1	7744-01540-1
2424	11	32	23.41	76	39	17.7	0.62	167.96	6.1		11	32	24	76	39	12	0.630	169.9	1955.06970	1997.11060	12.0	12.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2425	11	34	35.00	00	18	38.5	0.32	121.50	17.2	B	11	34	34	00	18	30	0.629	254.9	1984.39172	1989.11328	18.0	19.5	——
2426	11	34	35.62	40	09	22.7	0.66	221.60	27.7	T	11	34	38	40	09	18	0.635	223.8	1953.28296	1989.03943	11.2	11.9	3013-01580-1
2427	11	34	37.95	-23	52	15.1	0.68	244.23	3.2	T	11	34	38	-23	52	12	0.681	245.9	1976.41089	1991.11511	11.3	13.6	6651-01291-1
2428	11	35	7.36	-05	39	24.2	1.51	154.79	5.3	Bb	11	35	7	-05	39	24	0.994	161.6	1983.36011	1986.19995	14.0	16.4	——
2429	11	35	26.95	-32	32	23.9	0.85	184.74	6.2	T	11	35	27	-32	32	30	0.874	185.4	1980.13843	1991.14246	10.0	11.6	7220-01321-1
2430	11	35	32.00	38	55	37.1	0.70	252.30	7.1	Pcm	11	35	32	38	55	30	0.701	252.3	1953.28296	——	12.7	14.5	——
2431	11	36	10.04	28	49	30.0	0.94	161.37	0.6		11	36	10	28	49	30	0.880	162.0	1950.34021	1989.02588	13.1	14.4	——
2432	11	36	40.84	39	11	26.8	0.59	131.90	9.0	PW	11	36	41	39	11	18	0.588	131.9	1953.28296	——	10.4	11.7	——
2433	11	37	41.28	-48	37	24.4	0.54	253.97	33.0	TBb	11	37	40	-48	36	54	0.534	253.1	1987.50513	1992.23767	11.0	12.4	8219-02023-1
2434	11	38	23.94	03	13	54.1	0.68	251.29	0.9	T	11	38	24	03	13	54	0.684	251.4	1952.29858	1991.06152	11.7	13.4	0274-00473-1
2435	11	38	24.97	-41	22	32.9	0.94	275.40	35.3		11	38	27	-41	22	6	0.961	274.5	1977.07043	1996.21313	13.7	14.8	——
2436	11	38	44.82	45	06	29.7	0.59	271.60	1.9	PWcdm	11	38	45	45	06	30	0.594	271.6	1953.18726	——	8.1	9.3	——
2437	11	38	44.90	45	06	30.3	0.59	271.46	11.7	TPWcdm	11	38	46	45	06	30	0.594	271.6	1953.18726	——	6.5	7.2	3452-01883-1
2438	11	39	55.09	-11	38	41.5	0.72	100.64	5.7	Bb	11	39	55	-11	38	36	0.553	96.3	1984.18213	1991.34521	14.5	16.5	——
2439	11	40	29.65	77	04	18.7	0.55	270.54	2.3	T	11	40	29	77	04	18	0.545	271.6	1955.16284	1997.11060	12.3	14.4	4550-00005-1
2440	11	40	37.61	04	53	52.9	0.59	245.06	9.2		11	40	37	04	53	54	0.602	248.0	1952.29858	1991.06152	12.7	13.6	——
2441	11	41	02.47	-44	24	18.7	0.70	290.36	7.8	Tcs	11	41	3	-44	24	24	0.711	287.3	1977.21802	1991.33704	7.9	9.2	7753-01657-1
2442	11	41	6.36	14	23	57.6	0.66	199.00	5.7	P	11	41	6	14	24	0	0.659	199.0	1955.31006	——	14.4	16.2	——
2443	11	41	44.76	42	45	7.1	0.59	261.22	7.6	HP	11	41	45	42	45	0	0.612	258.8	1953.28296	——	11.9	—	5705——
2444	11	42	7.45	25	06	0.5	0.77	164.54	6.1	d	11	42	7	25	06	0	0.814	162.8	1950.35400	1996.37207	14.8	16.4	——
2445	11	42	7.99	25	05	52.2	0.81	162.26	14.1	cd	11	42	7	25	05	48	0.814	162.8	1950.35400	1996.37207	15.7	17.2	——
2446	11	42	15.26	52	48	56.9	0.77	202.89	9.2	c	11	42	15	52	48	48	0.749	205.5	1950.21741	1993.31287	15.0	16.5	——
2447	11	43	19.89	-51	49	16.1	0.86	128.60	74.3	PW	11	43	19	-51	50	30	0.860	128.6	1987.50513	——	10.3	11.4	——
2448	11	43	44.91	02	00	41.9	0.70	121.86	17.4	Bb	11	43	46	02	00	36	0.516	112.3	1984.39172	1991.06152	13.0	14.6	——
2449	11	43	48.31	40	44	9.1	0.73	157.10	4.7	P	11	43	48	40	44	6	0.727	157.1	1953.28296	——	13.4	14.5	——
2450	11	44	35.71	25	32	11.7	0.52	264.89	12.9	T	11	44	36	25	32	24	0.532	267.2	1950.35400	1996.37207	10.4	11.0	1985-00687-1
2451	11	44	44.02	26	54	15.6	0.69	185.73	2.5		11	44	44	26	54	18	0.691	185.5	1955.27466	1996.37207	13.3	14.6	——
2452	11	44	48.43	13	51	19.2	0.85	220.30	7.9	P	11	44	48	13	51	24	0.846	220.3	1952.08313	——	16.2	17.7	——
2453	11	45	30.51	47	40	0.8	0.66	243.73	5.2	Tcs	11	45	30	47	40	0	0.655	242.8	1955.16272	1991.10522	8.1	8.8	3452-01132-1
2454	11	45	57.09	-74	11	41.2	0.75	342.15	37.3		11	45	49	-74	11	24	0.811	340.2	1976.25000	1991.20276	14.8	16.3	——
2455	11	46	25.69	-01	36	37.9	0.56	144.10	5.0	P	11	46	26	-01	36	36	0.557	144.1	1952.08582	——	15.8	16.1	——
2456	11	46	51.56	-65	45	39.7	0.52	253.76	10.0	TBbd	11	46	52	-65	45	30	0.503	254.3	1987.26160	1996.29785	10.8	11.6	8985-02938-1
2457	11	46	53.76	-65	45	49.0	0.51	253.89	16.9	TBbd	11	46	52	-65	45	36	0.503	254.3	1987.26160	1996.29785	11.0	12.1	8985-02954-1
2458	11	47	21.64	47	45	55.7	0.61	248.20	4.0		11	47	22	47	45	54	0.596	251.3	1955.16272	1991.10522	13.5	15.2	——
2459	11	47	41.38	78	41	28.2	0.88	57.30	15.9	TP	11	47	36	78	41	30	0.863	55.5	1955.16284	——	11.0	12.7	4553-00192-1
2460	11	48	19.57	-11	17	16.0	0.59	252.64	13.1	b	11	48	19	-11	17	6	0.836	268.9	1984.18213	1991.34521	12.1	13.2	——
2461	11	48	47.38	53	05	8.7	0.58	250.49	12.7		11	48	46	53	05	6	0.613	250.2	1950.21741	1993.31287	14.6	15.9	——
2462	11	49	03.59	14	34	19.4	0.51	257.15	8.7	HPW	11	49	3	14	34	18	0.510	256.2	1955.31006	——	2.1	2.3	57632
2463	11	49	45.98	04	57	59.1	0.79	237.60	0.9		11	49	46	04	58	0	0.718	241.7	1952.29858	1991.06152	11.9	12.8	——
2464	11	50	33.03	34	12	58.7	0.48	282.02	25.3		11	50	33	34	13	24	0.518	284.9	1950.36768	1989.04236	15.1	16.6	——
2465	11	50	41.72	01	45	53.0	0.79	110.15	4.3	TPWc	11	50	42	01	45	54	0.792	110.5	1984.39172	——	3.6	4.3	0273-00924-1
2466	11	52	6.74	03	41	18.6	0.54	265.08	6.6		11	52	7	03	41	24	0.561	270.6	1952.29858	1991.06152	14.9	16.7	——
2467	11	52	32.15	27	30	51.4	0.96	248.68	11.8	H	11	52	33	27	30	48	0.980	248.4	1955.27466	1991.26099	12.5	—	57901
2468	11	52	43.43	-23	38	20.9	0.62	276.29	28.8		11	52	42	-23	38	42	0.631	272.9	1978.40100	1992.31152	18.0	19.6	——
2469	11	53	10.45	08	55	20.5	0.71	243.95	8.9		11	53	11	08	55	24	0.728	253.0	1952.08313	1996.30408	15.2	16.7	——
2470	11	53	16.09	-07	22	27.7	0.54	198.49	3.9	HBbd	11	53	16	-07	22	24	0.538	198.3	1984.41626	1991.34521	11.9	—	57959
2470a	11	53	16.21	-07	22	28.9	0.79	182.33	11.8	Bbcdm	11	53	17	-07	22	30	0.538	198.3	1984.41626	1991.34521	19.0	19.4	——
2471	11	53	52.95	06	59	29.1	0.95	159.80	48.9	2	11	53	53	07	00	18	0.955	159.8	1952.29858	1996.30408	16.8	19.2	——
2472	11	54	7.97	09	48	21.0	0.86	171.49	14.7		11	54	7	09	48	18	0.785	173.9	1952.08313	1996.30408	12.0	13.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2473	11	54	18.75	-34	22	20.4	0.71	269.60	9.9			11	54	18	-34	22	24	0.791	275.1	1975.41199	1991.27393	13.4	15.0	——
2474	11	54	55.49	-35	56	45.6	0.64	144.42	10.3			11	54	55	-35	56	54	0.514	152.5	1975.41199	1991.27393	13.1	14.6	——
2475	11	55	07.22	00	58	25.6	0.74	272.75	26.7	TBb		11	55	9	00	58	24	0.741	272.4	1984.19287	1988.30054	11.7	13.0	0273-00169-1
2476	11	55	44.44	-18	54	32.8	0.71	119.38	16.5			11	55	44	-18	54	48	0.602	120.6	1983.12500	1996.15295	13.9	15.5	——
2477	11	55	49.06	-38	16	49.3	0.69	115.41	7.3	H		11	55	49	-38	16	42	0.694	116.5	1977.07043	1996.21313	12.1	—	5817——
2478	11	56	12.44	13	15	54.6	0.65	278.69	8.2			11	56	13	13	15	54	0.679	278.4	1955.28284	1989.26624	17.4	17.6	——
2479	11	56	37.66	43	41	49.8	0.52	294.90	4.1	P		11	56	38	43	41	48	0.517	294.9	1955.22827	——	18.1	21.0	——
2480	11	57	33.73	79	27	2.5	0.90	260.20	39.9	P		11	57	30	79	26	24	0.904	260.2	1955.16284	——	18.0	19.6	——
2481	11	57	29.87	36	13	24.1	0.61	262.39	1.6			11	57	30	36	13	24	0.640	265.8	1950.36768	1989.04236	12.9	14.4	——
2482	11	57	32.81	11	49	39.9	0.72	289.28	3.5	H		11	57	33	11	49	42	0.729	288.0	1955.28284	1996.30408	11.9	—	58321
2483	11	58	22.49	51	57	35.1	0.74	211.45	4.8			11	58	23	51	57	36	0.732	213.4	1955.28564	1991.11072	16.5	19.0	——
2484	11	58	26.54	-41	55	6.3	0.74	240.29	34.3	cds		11	58	25	-41	55	36	0.805	249.8	1978.33264	1995.39172	16.0	—	——
2485	11	58	28.08	-41	55	23.2	0.78	241.18	27.5	ds		11	58	27	-41	55	48	0.805	249.8	1978.33264	1995.39172	9.3	10.2	——
2486	11	58	35.05	59	33	22.1	0.71	269.89	4.2	T		11	58	35	59	33	18	0.599	271.5	1953.28564	1993.35657	11.6	13.4	3839-00055-1
2487	11	58	56.85	-27	43	6.2	0.46	299.19	2.0			11	58	57	-27	43	6	0.510	303.2	1978.13062	1993.20825	16.7	20.2	——
2488	11	59	39.51	62	28	41.5	0.86	201.92	15.5			11	59	38	62	28	30	0.834	202.0	1953.12170	1996.96863	14.7	16.2	——
2489	11	59	40.06	-31	47	20.5	0.55	252.40	2.6			11	59	40	-31	47	18	0.591	258.5	1979.17432	1995.10413	16.6	18.8	——
2490	12	00	5.29	-23	35	9.5	0.54	173.09	18.1			12	00	4	-23	35	6	0.501	177.3	1978.13062	1993.20825	17.3	19.2	——
2491	12	00	10.87	41	05	36.4	0.63	155.02	11.7	d		12	00	10	41	05	30	0.588	156.0	1955.22827	1989.17615	14.7	16.2	——
2492	12	00	10.92	41	05	28.3	0.69	156.26	11.3	cdm		12	00	10	41	05	24	0.588	156.0	1955.22827	1989.17615	16.1	17.7	——
2493	12	00	14.98	45	12	58.4	0.45	271.54	4.4			12	00	15	45	12	54	0.506	272.2	1955.16272	1996.20825	16.4	17.9	——
2494	12	01	7.09	-01	43	54.0	0.25	255.50	24.1	Bb		12	01	7	-01	44	18	0.508	295.2	1984.19287	1988.30054	11.1	12.2	——
2495	12	01	18.74	22	55	36.8	0.61	199.04	3.7			12	01	19	22	55	36	0.605	199.6	1950.35400	1996.36670	12.1	13.8	——
2496	12	01	50.40	27	16	38.4	0.71	252.92	15.3			12	01	50	27	16	24	0.729	254.7	1955.27466	1991.26099	17.0	18.6	——
2497	12	02	18.20	28	35	12.8	0.76	265.48	16.6			12	02	17	28	35	18	0.791	268.3	1955.27466	1991.26099	12.9	14.7	——
2498	12	02	28.92	43	05	2.7	0.62	214.17	10.4	Tcs		12	02	28	43	05	0	0.629	214.6	1955.22827	1996.20825	6.7	7.7	3019-02029-1
2499	12	02	33.45	54	48	58.5	0.49	246.40	19.9			12	02	33	54	49	18	0.500	251.8	1955.28564	1991.34839	16.4	18.2	——
2500	12	02	32.40	16	45	33.7	0.82	254.77	8.9			12	02	33	16	45	36	0.850	258.8	1950.29944	1989.26624	17.6	20.9	——
2501	12	02	50.64	43	33	3.6	0.53	262.73	7.4			12	02	50	43	33	6	0.556	266.0	1955.22827	1996.20825	13.3	14.4	——
2502	12	03	9.35	17	01	20.6	0.53	223.05	9.7			12	03	10	17	01	18	0.542	228.4	1950.29944	1989.26624	17.2	21.0	——
2503	12	03	17.78	38	52	46.0	0.59	147.88	12.1			12	03	17	38	52	54	0.535	147.4	1955.22827	1989.17615	14.2	15.8	——
2504	12	03	29.03	-16	30	5.5	0.71	136.88	15.0			12	03	30	-16	30	0	0.574	136.7	1982.29993	1992.31421	14.7	16.3	——
2505	12	03	49.63	-16	32	15.9	0.71	137.41	9.9	b		12	03	49	-16	32	12	0.574	136.7	1982.29993	1992.31421	11.0	12.1	——
2506	12	03	58.39	-33	01	28.9	0.70	268.65	6.9			12	03	58	-33	01	24	0.763	275.4	1975.41199	1991.27393	13.2	15.0	——
2507	12	04	05.56	03	20	26.7	0.58	173.89	7.2	TPW		12	04	6	03	20	24	0.606	172.8	1957.32117	——	9.3	9.9	0283-00408-1
2508	12	04	42.04	76	03	42.3	0.73	263.84	50.1			12	04	31	76	03	12	0.766	263.7	1955.16284	1997.11060	17.1	18.7	——
2509	12	04	36.65	-38	16	26.0	0.74	108.83	80.4			12	04	42	-38	15	36	0.692	108.5	1978.33264	1995.39172	12.4	13.5	——
2510	12	05	12.53	-01	30	32.5	0.52	276.34	8.3	Tcs		12	05	12	-01	30	30	0.520	275.9	1955.29932	1988.30054	8.3	9.1	4939-00238-1
2511	12	05	37.08	-24	41	24.7	0.45	258.94	14.7			12	05	36	-24	41	24	0.525	267.2	1978.13062	1993.20825	13.0	14.1	——
2512	12	07	44.06	26	07	56.1	0.60	203.09	14.1			12	07	44	26	07	42	0.606	206.6	1955.29382	1996.36670	17.1	18.8	——
2513	12	07	57.82	77	15	0.4	0.72	241.86	23.5			12	07	51	77	14	54	0.746	240.9	1955.16284	1997.11060	14.1	15.6	——
2514	12	08	8.15	35	20	26.5	0.58	260.30	3.1			12	08	8	35	20	24	0.617	263.5	1956.35022	1989.04236	16.6	18.8	——
2515	12	08	22.24	00	29	0.6	0.98	260.04	11.4	cs		12	08	23	00	29	0	0.969	265.0	1955.29932	1988.30054	11.0	12.6	——
2516	12	09	6.72	47	36	4.5	0.70	117.77	3.2	d		12	09	7	47	36	6	0.658	116.5	1955.16272	1991.11072	14.3	16.0	——
2517	12	09	6.73	47	35	34.1	0.70	117.98	3.4			12	09	7	47	35	36	0.658	116.5	1955.16272	1991.11072	15.4	17.0	——
2518	12	09	34.14	08	23	17.9	0.62	270.14	6.4			12	09	34	08	23	24	0.638	276.7	1955.28284	1996.30408	12.3	13.9	——
2519	12	10	0.92	-06	36	39.0	0.56	260.00	16.4	P		12	10	2	-06	36	42	0.556	260.0	1984.41626	——	17.2	18.3	——
2520	12	10	5.77	-15	04	17.9	0.76	172.94	3.3	b		12	10	6	-15	04	18	0.720	184.0	1982.29993	1992.31421	11.7	13.3	——
2521	12	10	11.65	-31	58	24.7	0.58	254.49	4.5			12	10	12	-31	58	24	0.615	261.1	1975.35461	1993.38904	16.1	17.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ		POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2522	12	11	29.42	57	24	15.4	0.63	131.97	11.8		12	11	28	57	24	18	0.540	130.4		1953.28564	1993.35657	15.6	16.0	——
2523	12	11	57.19	-07	20	15.2	0.80	197.88	4.3	Bb	12	11	57	-07	20	12	0.547	241.3		1984.41626	1989.18079	14.6	16.4	——
2524	12	12	28.84	-03	05	4.1	0.74	304.66	3.0	Tcs	12	12	29	-03	05	6	0.725	304.0		1955.29932	1989.12329	7.5	8.3	4943-00422-1
2525	12	13	2.60	03	15	3.3	0.70	197.80	6.8	P	12	13	3	03	15	0	0.696	197.8		1957.32117	——	15.4	16.9	——
2526	12	13	13.00	11	49	18.0	0.61	177.00	—	N	12	13	13	11	49	18	0.606	177.0		1955.28284	1991.26917	7.8	8.7	——
2527	12	13	20.47	16	41	39.7	0.68	227.86	8.4	H	12	13	21	16	41	36	0.669	228.5		1950.29944	1992.09143	12.0	—	59602
2528	12	13	30.32	-45	40	8.2	0.64	227.88	37.6		12	13	27	-45	39	54	0.707	237.5		1975.43384	1993.08215	12.5	13.6	——
2529	12	13	59.63	29	34	33.1	0.54	214.17	8.7		12	13	59	29	34	36	0.529	220.4		1955.29382	1993.21729	14.6	16.1	——
2530	12	13	54.91	-62	38	58.7	0.86	267.16	52.5	b	12	14	2	-62	39	18	0.589	285.6		1987.26160	1996.29785	13.0	14.3	——
2531	12	14	16.62	00	37	23.8	0.96	250.89	8.1		12	14	17	00	37	18	0.985	253.0		1955.29932	1989.12329	13.3	15.0	——
2532	12	14	38.90	62	16	12.9	0.47	264.11	9.2		12	14	40	62	16	18	0.508	266.7		1953.12170	1993.30212	18.3	18.7	——
2533	12	14	41.48	41	49	25.2	0.67	226.30	5.5		12	14	41	41	49	24	0.721	230.3		1955.22827	1989.17615	17.7	19.9	——
2534	12	14	56.50	-02	34	4.9	0.63	138.64	7.6		12	14	56	-02	34	6	0.561	138.8		1955.29932	1989.12329	17.9	17.7	——
2535	12	14	58.99	-06	26	54.3	0.67	224.30	14.8	P	12	14	58	-06	26	54	0.673	224.3		1984.17664	——	15.0	16.3	——
2536	12	15	44.63	62	44	18.1	0.54	258.20	19.1		12	15	42	62	44	12	0.588	257.7		1953.12170	1993.30212	14.3	15.8	——
2537	12	15	44.66	14	27	36.1	0.70	125.41	11.3		12	15	44	14	27	42	0.616	124.0		1950.29944	1992.09143	13.3	15.1	——
2538	12	15	44.98	21	21	54.5	0.78	267.80	15.3	P	12	15	46	21	22	0	0.781	267.8		1950.43884	——	13.2	14.5	——
2539	12	16	17.04	48	16	48.3	0.52	259.83	6.4		12	16	17	48	16	42	0.566	263.5		1955.16272	1991.11072	16.0	17.6	——
2540	12	16	20.00	18	01	6.0	0.61	242.20	—	NP	12	16	20	18	01	6	0.610	242.2		1950.29944	——	15.1	16.4	——
2541	12	16	51.79	02	58	6.0	0.71	292.50	6.8	Pdm	12	16	52	02	58	0	0.706	292.5		1957.32117	——	12.8	14.5	——
2542	12	16	51.79	02	58	6.0	0.71	292.50	6.8	Pdm	12	16	52	02	58	0	0.706	292.5		1957.32117	——	15.0	15.2	——
2543	12	18	42.18	-07	57	3.0	0.56	292.30	17.8	P	12	18	41	-07	57	6	0.557	292.3		1984.25842	——	15.4	16.9	——
2544	12	19	24.09	28	22	56.5	0.65	277.31	12.5	T	12	19	25	28	23	0	0.655	274.6		1955.29382	1993.21729	10.8	12.5	1991-01020-1
2545	12	21	3.65	08	57	20.3	0.62	232.12	40.1		12	21	1	08	57	12	0.671	245.2		1956.19226	1991.26917	18.7	21.0	——
2546	12	21	29.56	54	08	5.8	0.48	221.32	7.6		12	21	29	54	08	0	0.517	225.3		1955.28564	1991.34839	13.7	16.0	——
2547	12	21	50.28	06	43	33.4	0.78	172.40	4.9		12	21	50	06	43	36	0.732	173.5		1956.18958	1991.26917	13.3	14.9	——
2548	12	21	54.07	42	08	2.0	0.54	161.18	11.1	Tcs	12	21	55	42	08	6	0.550	158.4		1955.22827	1989.17615	9.6	11.2	3020-01684-1
2549	12	22	21.28	25	10	11.9	0.72	253.94	9.8	T	12	22	22	25	10	12	0.715	254.7		1950.43884	1991.06702	11.5	13.9	1989-00073-1
2550	12	22	50.12	-28	39	48.4	0.65	151.21	6.6		12	22	50	-28	39	42	0.583	153.4		1975.35461	1993.38904	13.9	15.0	——
2551	12	23	00.67	64	01	51.0	0.77	299.37	5.3	H	12	23	0	64	01	54	0.681	300.0		1953.12170	1993.30212	11.6	—	60398
2552	12	23	1.54	-46	37	9.8	0.78	238.03	26.6		12	23	2	-46	37	36	0.798	245.5		1975.43384	1993.08215	13.6	14.7	——
2553	12	23	13.90	-67	37	53.6	0.79	288.72	6.3	Tbcs	12	23	15	-67	37	54	0.785	288.0		1987.26172	1994.10132	6.5	7.5	9227-01757-1
2554	12	23	30.44	65	22	7.9	0.76	145.23	73.9		12	23	30	65	20	54	0.799	144.9		1953.12170	1993.30212	16.4	18.0	——
2555	12	24	43.19	-33	58	57.9	0.54	245.16	26.2		12	24	43	-33	59	24	0.556	253.0		1975.42017	1991.34241	12.1	13.6	——
2555a	12	24	46.15	-32	00	17.4	0.63	244.61	2.0		12	24	46	-32	00	18	0.594	243.3		1975.35461	1993.38904	17.9	20.6	——
2556	12	24	46.00	38	19	4.2	0.59	267.34	14.1	cs	12	24	47	38	19	12	0.639	274.5		1950.37048	1990.01233	8.2	8.7	——
2557	12	25	32.12	-15	59	44.3	0.70	263.12	30.8	b	12	25	30	-15	59	48	0.826	272.9		1984.17932	1991.10962	14.3	16.4	——
2558	12	25	58.81	-48	51	16.5	0.53	254.52	20.7		12	25	57	-48	51	6	0.606	258.3		1979.15515	1994.41638	11.3	11.9	——
2559	12	26	35.68	35	13	9.1	0.65	269.06	8.8		12	26	35	35	13	12	0.638	268.6		1956.35022	1991.18457	17.0	17.9	——
2560	12	26	48.14	-48	54	47.5	0.65	262.97	8.5	Tcs	12	26	49	-48	54	48	0.645	261.8		1979.15515	1994.41638	6.3	7.1	8239-02418-1
2561	12	27	34.99	-27	46	15.3	0.50	304.03	2.7		12	27	35	-27	46	18	0.564	302.6		1975.35461	1993.38904	15.3	16.6	——
2562	12	27	52.86	05	12	23.0	0.58	244.50	27.8	Pd	12	27	51	05	12	24	0.576	244.5		1956.18958	——	13.1	14.4	——
2563	12	27	50.93	05	12	12.6	0.58	244.50	11.5	Pd	12	27	51	05	12	24	0.576	244.5		1956.18958	——	15.5	17.0	——
2564	12	28	19.22	-16	54	42.5	0.30	225.49	7.2	Bbs	12	28	19	-16	54	36	0.540	270.0		1984.17932	1991.10962	9.7	10.6	——
2565	12	28	57.59	08	25	31.9	0.68	247.84	21.0	H	12	28	59	08	25	30	0.700	245.7		1956.19226	1991.26917	12.0	—	6091——
2566	12	29	42.74	-03	19	58.7	0.65	210.22	4.1	TBb	12	29	43	-03	20	0	0.687	209.9		1984.17664	1989.12329	9.1	9.9	4944-00379-1
2567	12	29	54.23	-05	27	24.1	0.60	239.20	11.5	Pcdm	12	29	55	-05	27	24	0.605	239.2		1984.17664	——	12.7	14.2	——
2568	12	29	54.70	-05	27	21.8	0.60	239.20	5.0	Pdm	12	29	55	-05	27	24	0.605	239.2		1984.17664	——	13.0	14.5	——
2569	12	29	56.71	-10	27	8.0	0.51	148.30	9.1	P	12	29	57	-10	27	0	0.512	148.3		1984.25842	——	15.7	17.2	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2570	12	31	15.90	08	48	37.1	0.81	229.02	14.2		12	31	15	08	48	42	0.849	230.0	1956.19226	1991.26917	10.8	12.3	——
2571	12	31	34.19	49	50	40.1	0.67	266.03	19.2		12	31	36	49	50	48	0.695	268.6	1955.31018	1994.33752	13.0	14.8	——
2572	12	31	57.59	05	26	53.5	0.78	197.34	6.1		12	31	58	05	26	54	0.749	199.8	1956.18958	1996.27112	15.7	17.2	——
2573	12	32	32.30	-26	10	15.0	1.08	132.71	5.0		12	32	32	-26	10	12	0.980	134.5	1979.45032	1994.29041	13.0	15.0	——
2574	12	32	48.80	61	06	47.2	0.58	248.80	5.8		12	32	48	61	06	48	0.620	251.8	1955.37866	1994.02869	14.5	16.1	——
2575	12	32	55.81	12	11	31.4	0.50	257.68	16.8		12	32	56	12	11	48	0.528	263.3	1956.19226	1991.20911	13.1	14.6	——
2576	12	33	23.42	72	43	41.7	0.73	276.73	8.5		12	33	22	72	43	36	0.736	273.6	1955.31311	1997.11060	14.2	15.5	——
2577	12	33	31.48	-68	45	22.3	0.70	237.27	9.3	Bcs	12	33	33	-68	45	18	0.614	239.8	1987.18799	1994.10132	7.7	8.6	——
2578	12	33	43.84	35	25	51.8	0.52	226.16	22.7		12	33	43	35	26	12	0.561	234.2	1950.36499	1991.18457	16.0	17.6	——
2579	12	33	44.55	41	21	26.9	0.76	292.53	6.9	Tcs	12	33	44	41	21	30	0.760	291.9	1950.37048	1990.01233	4.3	5.0	3020-02541-1
2580	12	34	33.87	66	39	50.0	0.50	245.38	66.8		12	34	24	66	39	18	0.538	246.0	1953.12170	1993.30212	17.8	19.4	——
2581	12	34	42.18	14	56	18.3	0.50	239.15	104.0		12	34	35	14	56	18	0.551	241.2	1956.20569	1991.28296	15.2	16.7	——
2582	12	35	00.70	09	49	42.6	0.55	234.82	7.0	T	12	35	1	09	49	48	0.516	235.7	1956.19226	1991.20911	11.6	14.1	0874-00538-1
2583	12	35	18.55	17	09	35.5	0.55	244.76	56.0		12	35	16	17	10	18	0.531	248.0	1956.20569	1991.28296	19.1	20.8	——
2584	12	35	32.22	55	01	44.6	0.51	268.39	11.5		12	35	33	55	01	54	0.545	271.2	1953.28857	1996.35046	15.1	16.4	——
2585	12	35	58.42	-45	56	20.7	0.71	188.70	62.5	T	12	35	55	-45	57	12	0.710	186.5	1976.30469	1991.41370	11.3	12.8	8232-01276-1
2586	12	36	22.86	-04	22	39.7	0.50	254.30	3.1	P	12	36	23	-04	22	42	0.504	254.3	1983.29187	——	12.7	14.3	——
2587	12	36	49.70	-76	57	18.3	0.79	260.53	43.6		12	36	38	-76	57	0	0.849	265.0	1976.25000	1991.20276	11.3	12.8	——
2588	12	36	42.06	54	54	25.6	0.52	252.01	4.5		12	36	42	54	54	30	0.518	253.2	1953.28857	1996.35046	13.8	15.7	——
2589	12	36	54.21	03	52	46.6	0.90	264.44	18.1		12	36	53	03	52	48	0.941	264.7	1956.18958	1996.27112	16.2	17.7	——
2590	12	37	57.20	21	40	11.2	0.54	187.24	2.9		12	37	57	21	40	12	0.530	188.1	1955.38684	1996.36401	15.3	16.6	——
2591	12	37	58.94	-09	29	55.7	0.77	138.80	4.4	P	12	37	59	-09	30	0	0.766	138.8	1984.24219	——	13.8	15.3	——
2592	12	38	1.48	-20	50	49.1	0.55	178.68	6.8		12	38	1	-20	50	48	0.533	178.2	1978.13342	1993.29858	15.0	16.5	——
2593	12	38	36.34	05	21	36.8	0.52	260.53	7.3		12	38	36	05	21	42	0.545	266.4	1956.18958	1996.27112	14.3	15.6	——
2594	12	38	49.93	-49	48	1.2	0.49	255.65	75.2		12	38	46	-49	49	6	0.573	257.0	1979.15515	1994.41638	14.2	14.0	——
2595	12	38	47.30	-04	19	17.5	0.74	253.10	10.5	P	12	38	48	-04	19	18	0.740	253.1	1983.29187	——	13.0	14.8	——
2596	12	39	14.80	45	25	13.1	0.86	227.51	5.3		12	39	15	45	25	18	0.886	230.1	1955.31018	1992.09412	16.0	16.1	——
2597	12	39	36.58	-26	58	11.7	0.53	242.80	5.6		12	39	37	-26	58	12	0.627	251.2	1979.45032	1994.29041	14.7	16.6	——
2598	12	39	41.77	35	18	23.1	0.64	167.60	32.2		12	39	44	35	18	6	0.612	167.0	1950.36499	1989.24182	18.8	20.7	——
2599	12	39	46.82	04	10	45.5	0.68	221.96	3.6		12	39	47	04	10	48	0.677	223.3	1956.18958	1996.27112	15.7	17.3	——
2600	12	39	51.80	-77	50	37.0	0.90	291.22	11.3	cs	12	39	51	-77	50	48	0.933	292.3	1976.25562	1991.27942	9.0	10.3	——
2601	12	40	30.49	18	07	29.0	0.57	259.80	107.3		12	40	38	18	07	36	0.631	263.1	1956.20569	1996.36401	16.3	17.2	——
2602	12	41	18.00	08	29	35.8	0.80	264.89	14.8	c	12	41	17	08	29	36	0.821	269.7	1956.19226	1991.20911	14.5	16.0	——
2603	12	41	30.00	-23	13	52.3	0.37	265.20	4.3		12	41	30	-23	13	48	0.526	270.8	1979.45032	1991.27942	15.4	16.7	——
2604	12	41	40.46	-01	26	52.8	0.57	270.40	7.0	1dm	12	41	40	-01	26	54	0.567	270.4	1979.37927	1991.33972	2.8	3.4	——
2605	12	41	40.46	-01	26	52.8	0.57	270.40	7.0	1dm	12	41	40	-01	26	54	0.567	270.4	1979.37927	1991.33972	2.9	3.5	——
2606	12	42	8.96	-15	58	36.8	0.53	251.52	1.0	b	12	42	9	-15	58	36	0.620	259.8	1982.39563	1992.39343	15.1	16.6	——
2607	12	42	12.26	29	57	55.9	0.60	231.60	5.3		12	42	12	29	58	0	0.603	234.4	1950.27490	1990.08069	18.4	19.5	——
2608	12	42	19.52	-71	38	19.8	0.90	268.33	26.8	b	12	42	18	-71	37	54	0.706	269.2	1987.08704	1996.28687	14.2	15.5	——
2609	12	42	19.33	-22	23	17.8	0.52	268.50	9.3		12	42	20	-22	23	18	0.575	271.7	1978.13342	1993.29858	16.5	17.8	——
2610	12	42	24.96	77	53	19.8	0.80	304.50	4.2	P	12	42	25	77	53	24	0.803	304.5	1955.16284	——	15.1	16.8	——
2611	12	42	32.91	12	35	50.9	0.63	257.45	59.1		12	42	29	12	35	36	0.691	267.7	1956.19226	1991.28296	18.8	20.8	——
2612	12	42	34.19	33	42	17.9	0.72	262.00	14.9		12	42	33	33	42	18	0.743	263.9	1950.36499	1989.24182	15.1	16.4	——
2613	12	42	49.98	41	53	46.6	0.53	273.64	11.5		12	42	51	41	53	48	0.551	274.2	1950.37048	1990.01233	11.7	13.5	——
2614	12	42	53.55	30	12	38.5	0.59	151.79	6.8		12	42	54	30	12	42	0.537	151.6	1950.27490	1990.08069	14.3	15.8	——
2615	12	43	42.72	-37	42	29.3	0.66	251.60	3.4	Tcs	12	43	43	-37	42	30	0.667	251.4	1976.40808	1991.27393	7.6	8.3	7771-01840-1
2616	12	43	47.67	00	03	17.4	0.75	210.43	12.0		12	43	47	00	03	24	0.696	224.7	1979.37927	1991.29114	14.0	15.8	——
2617	12	43	54.97	51	03	28.8	0.84	252.44	10.8		12	43	56	51	03	24	0.816	255.2	1953.28857	1994.33752	14.8	16.1	——
2618	12	44	1.88	-09	46	36.4	0.64	133.80	84.6	P	12	44	1	-09	48	0	0.638	133.8	1984.24219	——	18.9	20.8	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2619	12	44	22.87	04	21	21.6	0.78	123.34	3.1		12	44	23	04	21	24	0.734	120.6	1950.35413	1996.27112	14.1	15.7	——
2620	12	44	40.81	-15	22	31.0	0.47	221.38	7.5	b	12	44	41	-15	22	24	0.522	241.2	1982.39563	1992.39343	12.2	13.3	——
2621	12	44	53.62	-80	09	27.6	0.49	317.93	11.8		12	44	58	-80	09	24	0.578	306.3	1976.25562	1991.27942	16.5	16.6	——
2622	12	45	0.00	67	29	18.0	0.51	228.90	—	N	12	45	0	67	29	18	0.512	228.9	1953.28040	1993.30212	15.4	16.9	——
2623	12	45	13.04	05	33	2.9	0.55	241.06	3.1		12	45	13	05	33	6	0.555	245.2	1950.35413	1996.27112	14.1	16.3	——
2624	12	45	25.15	37	05	28.9	0.64	250.87	5.2		12	45	25	37	05	24	0.656	254.4	1950.36499	1989.24182	15.2	16.5	——
2625	12	45	30.23	-15	49	58.1	0.53	281.83	11.9	b	12	45	31	-15	49	54	0.566	282.6	1982.39563	1992.39343	14.6	15.9	——
2626	12	45	40.45	43	20	9.5	0.56	270.59	7.0		12	45	41	43	20	6	0.589	271.4	1950.37048	1992.09412	15.8	17.1	——
2627	12	45	41.94	00	59	26.8	0.48	222.69	2.9		12	45	42	00	59	24	0.509	23.0	1979.37927	1991.29114	16.0	17.3	——
2628	12	45	43.09	-26	58	21.6	0.58	247.89	3.8		12	45	43	-26	58	18	0.639	257.9	1976.40833	1991.27942	13.8	14.9	——
2629	12	46	9.46	07	06	24.1	0.54	212.60	6.8	P	12	46	9	07	06	24	0.538	212.6	1950.35413	——	16.0	18.8	——
2630	12	46	14.17	23	26	36.8	0.94	170.98	2.5		12	46	14	23	26	36	0.868	173.7	1955.38684	1992.33398	16.7	18.7	——
2631	12	46	22.55	09	32	22.9	0.53	148.42	8.2	Tcs	12	46	22	09	32	24	0.529	148.7	1950.12988	1991.20911	5.8	6.9	0882-01106-1
2632	12	46	51.70	31	48	9.6	0.78	271.01	9.2		12	46	51	31	48	12	0.794	273.6	1950.27490	1990.08069	17.6	20.7	——
2633	12	47	1.05	46	37	32.1	0.82	246.33	4.0		12	47	1	46	37	36	0.814	250.1	1955.31018	1992.09412	11.1	12.4	——
2634	12	47	9.76	-03	34	18.0	0.50	269.80	3.6	P	12	47	10	-03	34	18	0.504	269.8	1983.29187	——	12.2	13.8	——
2635	12	47	44.39	-22	08	36.2	0.61	244.34	5.5		12	47	44	-22	08	36	0.666	250.1	1978.13342	1993.29858	15.2	16.7	——
2636	12	48	0.11	09	40	6.7	0.78	265.58	1.7		12	48	0	09	40	6	0.786	267.8	1950.12988	1991.20911	13.0	14.5	——
2637	12	48	9.84	47	13	30.1	0.63	160.26	1.6		12	48	10	47	13	30	0.573	161.1	1955.31018	1992.09412	12.0	14.2	——
2638	12	48	47.76	-11	12	27.5	0.58	246.20	11.7	P	12	48	47	-11	12	24	0.582	246.2	1984.24219	——	13.9	15.6	——
2639	12	48	49.13	61	22	42.2	0.56	280.21	10.0	Tcs	12	48	48	61	22	48	0.556	278.9	1955.37866	1994.02869	7.4	8.1	4162-00631-1
2640	12	49	33.51	54	10	59.8	0.70	311.00	4.3		12	49	34	54	11	0	0.749	307.9	1953.28857	1996.35046	12.7	14.3	——
2641	12	49	44.83	01	11	16.9	0.65	186.99	2.8	Tcs	12	49	45	01	11	18	0.662	185.9	1979.37927	1991.29114	8.2	9.0	0290-00332-1
2641a	12	49	48.80	-03	17	34.1	0.49	190.97	12.1	Bb	12	49	48	-03	17	36	0.545	215.7	1983.29187	1991.33972	14.6	15.7	——
2642	12	50	12.26	-17	22	55.1	0.52	311.06	10.7	Tb	12	50	13	-17	22	54	0.512	315.5	1982.39563	1992.39343	10.9	12.1	6111-00147-1
2643	12	50	31.30	-28	59	4.3	0.57	249.44	5.9		12	50	31	-28	59	0	0.666	258.1	1980.20935	1995.50134	17.2	19.7	——
2644	12	52	11.82	-56	34	29.3	0.64	248.54	32.3	cs	12	52	8	-56	34	36	0.736	250.9	1976.47913	1991.12061	8.8	9.4	——
2645	12	53	12.58	40	34	1.2	0.72	157.79	4.9		12	53	13	40	34	0	0.689	160.9	1950.43347	1990.06689	17.5	20.7	——
2646	12	53	13.54	61	47	34.3	0.52	248.62	11.2		12	53	15	61	47	30	0.529	250.3	1955.37866	1994.02869	14.4	15.9	——
2647	12	53	15.05	-18	31	20.0	0.85	159.21	2.1	Tcs	12	53	15	-18	31	18	0.859	158.3	1978.10596	1993.20825	8.4	9.0	6114-01018-1
2648	12	53	16.08	-31	13	18.6	0.45	249.62	13.8		12	53	15	-31	13	18	0.502	256.8	1980.20935	1991.20825	14.7	16.2	——
2649	12	53	42.24	63	12	48.2	0.64	191.38	8.1		12	53	43	63	12	42	0.603	193.1	1953.28040	1993.30212	13.4	14.6	——
2650	12	54	32.18	44	59	34.5	0.72	244.67	2.5		12	54	32	44	59	36	0.718	249.8	1955.21204	1992.09412	15.5	17.1	——
2651	12	55	56.96	50	55	20.9	0.92	160.84	3.1		12	55	57	50	55	24	0.820	162.7	1953.28857	1991.28027	13.5	15.2	——
2652	12	56	21.29	65	03	38.1	0.46	268.78	68.1		12	56	14	65	02	48	0.537	272.5	1953.28040	1993.30212	15.4	16.9	——
2653	12	57	32.48	-46	35	35.5	0.78	218.60	38.6	b	12	57	31	-46	35	0	0.788	234.7	1985.35754	1992.11475	13.9	15.4	——
2654	12	57	32.56	40	56	59.6	0.46	258.21	6.3		12	57	32	40	57	0	0.509	261.4	1950.43347	1990.06689	12.1	13.2	——
2655	12	57	50.93	37	59	49.6	0.63	274.70	1.8		12	57	51	37	59	48	0.679	276.0	1950.36780	1990.06689	15.3	16.6	——
2656	12	59	01.56	-09	50	2.7	0.85	283.48	7.1	Tbcs	12	59	2	-09	50	0	0.849	282.5	1982.29724	1991.11511	7.6	8.6	5536-00983-1
2657	12	59	24.13	07	43	53.4	0.65	268.13	2.0		12	59	24	07	43	54	0.700	270.6	1950.35413	1995.15442	14.5	17.0	——
2658	12	59	28.66	06	47	13.2	0.53	179.94	9.9		12	59	28	06	47	12	0.500	183.1	1950.35413	1995.15442	15.6	17.4	——
2659	12	59	27.56	56	33	45.2	0.59	256.90	61.6		12	59	35	56	33	48	0.642	262.1	1953.19836	1993.22278	13.1	14.6	——
2660	12	59	50.95	20	18	3.1	0.59	154.37	3.0		12	59	51	20	18	6	0.538	149.7	1956.21130	1994.18445	13.7	15.2	——
2661	13	00	9.02	03	28	42.1	0.96	207.50	0.3	P	13	00	9	03	28	42	0.963	207.5	1950.35413	——	14.9	15.4	——
2662	13	00	7.55	30	38	54.6	0.40	321.12	128.8		13	00	17	30	39	36	0.516	320.5	1955.28833	1993.28845	17.1	18.7	——
2663	13	00	16.99	-02	42	17.2	0.81	270.62	0.8	TPW	13	00	17	-02	42	18	0.790	271.3	1956.20605	——	9.9	11.3	4960-00285-1
2664	13	00	33.54	05	41	8.5	0.97	284.40	7.7	P	13	00	34	05	41	12	0.973	284.4	1950.35413	——	12.0	14.2	——
2665	13	00	46.57	12	22	32.5	0.64	267.75	21.2	T	13	00	48	12	22	36	0.714	268.3	1950.12988	1991.13538	9.9	11.5	0886-00839-1
2666	13	01	13.23	40	57	11.5	0.67	152.83	13.9		13	01	12	40	57	12	0.621	155.4	1950.43347	1990.06689	12.6	13.5	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2667	13	01	14.07	03	37	37.3	0.55	270.50	16.1	P	13	01	13	03	37	36	0.553	270.5	1950.35413	——	15.4	17.3	——
2668	13	01	19.64	-63	11	42.3	0.57	223.28	16.0	TBb	13	01	22	-63	11	42	0.556	221.5	1987.08423	1991.41370	11.1	12.6	8993-01198-1
2669	13	01	26.27	-27	22	28.3	0.52	246.78	4.0	Tcs	13	01	26	-27	22	30	0.550	244.8	1976.40833	1991.27942	8.1	8.7	6706-00621-1
2670	13	01	57.16	50	42	8.1	0.60	180.20	8.2		13	01	57	50	42	0	0.550	185.5	1953.28857	1991.28027	15.4	16.7	——
2671	13	02	20.97	-19	20	4.8	0.72	169.24	4.8		13	02	21	-19	20	0	0.630	174.8	1978.10596	1993.20825	15.1	17.2	——
2672	13	02	47.55	41	31	8.5	0.55	248.68	5.6		13	02	48	41	31	6	0.579	251.4	1950.43347	1990.06689	12.0	13.3	——
2673	13	03	18.04	26	03	12.8	0.81	277.36	30.3		13	03	16	26	03	0	0.849	275.6	1956.21130	1991.37036	18.3	19.4	——
2674	13	03	34.95	23	28	45.9	0.62	221.99	15.0		13	03	36	23	28	42	0.619	222.5	1956.21130	1991.37036	14.7	16.4	——
2674a	13	06	50.40	30	50	52.5	0.61	155.75	18.6		13	06	49	30	50	48	0.502	159.9	1955.28833	1993.28845	14.9	16.4	——
2675	13	06	53.65	-04	57	38.9	0.51	181.20	24.8	P	13	06	52	-04	57	36	0.506	181.2	1983.35742	——	17.3	19.5	——
2676	13	07	5.20	23	04	29.1	0.77	181.45	71.9		13	07	0	23	04	24	0.764	181.6	1956.21130	1991.37036	17.7	19.5	——
2677	13	08	35.03	72	09	55.7	0.54	266.80	14.4	P	13	08	34	72	09	42	0.536	266.8	1955.17126	——	14.2	15.5	——
2678	13	08	33.93	-41	38	38.9	0.57	262.83	12.4	Tcs	13	08	35	-41	38	36	0.539	264.5	1979.15808	1994.25757	9.5	10.4	7781-00045-1
2679	13	08	39.41	21	45	16.0	0.55	179.19	9.2		13	08	40	21	45	12	0.530	174.8	1956.21130	1994.18445	14.9	16.2	——
2680	13	08	50.60	16	22	1.6	0.54	247.58	9.7		13	08	50	16	22	6	0.541	252.5	1950.29395	1991.13538	12.1	14.3	——
2681	13	08	51.02	05	12	26.1	0.67	172.88	2.1	TPWc	13	08	51	05	12	24	0.693	173.1	1956.18970	——	6.8	7.6	0304-00969-1
2682	13	09	13.62	-05	32	31.8	0.60	220.50	10.2	P	13	09	13	-05	32	36	0.603	220.5	1983.35742	——	13.8	15.1	——
2683	13	09	27.71	-34	51	24.2	0.49	243.33	44.4		13	09	31	-34	51	6	0.541	259.6	1975.40942	1992.24316	13.0	14.1	——
2684	13	09	34.13	59	18	37.7	0.52	267.80	2.0	P	13	09	34	59	18	36	0.518	267.8	1953.19836	——	14.0	15.3	——
2685	13	09	45.73	-42	11	35.1	0.12	133.28	62.8	b	13	09	50	-42	10	54	0.774	177.8	1979.15808	1994.25757	13.3	14.8	——
2686	13	10	12.72	47	45	17.4	0.89	223.35	9.8		13	10	12	47	45	24	0.825	226.4	1955.21204	1991.28027	13.8	15.6	——
2687	13	10	20.69	67	29	41.4	0.71	268.47	6.7	TPW	13	10	20	67	29	36	0.730	265.4	1953.28040	——	9.0	10.1	4169-00214-1
2688	13	11	1.31	-18	41	32.3	0.58	158.40	22.2		13	11	1	-18	41	54	0.541	160.1	1976.49011	1993.21375	13.0	14.5	——
2689	13	11	21.40	09	37	33.5	0.59	297.32	6.4	Tds	13	11	21	09	37	36	0.581	296.6	1955.37036	1995.15442	8.8	9.5	0884-00164-1
2690	13	11	22.56	09	36	12.0	0.55	295.71	23.1	d	13	11	21	09	36	12	0.581	296.6	1955.37036	1995.15442	12.2	13.8	——
2691	13	11	21.70	28	32	39.7	0.63	212.97	76.0		13	11	25	28	33	42	0.643	221.9	1955.28833	1993.28845	15.0	16.5	——
2691a	13	11	26.47	-23	44	44.7	0.48	215.50	7.0		13	11	26	-23	44	42	0.517	222.8	1976.41101	1992.27051	17.8	19.7	——
2692	13	12	12.60	-33	37	38.2	0.45	240.49	11.1	dm	13	12	12	-33	37	30	0.522	258.7	1975.40942	1992.24316	12.7	13.8	——
2692a	13	12	12.50	-33	37	38.8	0.50	240.83	10.8	dm	13	12	12	-33	37	30	0.522	258.7	1975.40942	1992.24316	13.1	14.4	——
2693	13	12	19.77	17	30	59.5	0.57	266.46	59.6	cs	13	12	20	17	30	0	0.575	268.1	1950.29395	1991.13538	7.6	8.2	——
2694	13	13	0.79	07	52	43.6	0.56	250.27	3.5		13	13	1	07	52	42	0.572	250.9	1956.18970	1997.27771	16.7	17.8	——
2695	13	13	4.80	20	11	27.7	0.62	283.90	4.7	P	13	13	5	20	11	24	0.619	283.9	1956.21130	——	12.3	14.1	——
2696	13	13	12.99	02	26	44.4	0.78	259.80	2.4	P	13	13	13	02	26	42	0.777	259.8	1984.19299	——	18.4	19.3	——
2697	13	13	29.46	01	19	4.5	0.54	165.10	7.0	P	13	13	29	01	19	6	0.540	165.1	1956.27124	——	16.8	18.4	——
2698	13	13	29.71	-32	27	7.5	0.50	258.29	4.0		13	13	30	-32	27	6	0.549	265.1	1978.13074	1991.20825	13.6	15.2	——
2699	13	14	5.88	03	53	59.7	0.73	271.70	5.9	P	13	14	6	03	53	54	0.728	271.7	1956.18970	——	13.2	14.8	——
2700	13	14	25.19	59	04	19.1	0.66	274.53	1.8	TP	13	14	25	59	04	18	0.669	276.1	1953.19836	——	11.4	13.1	3849-00551-1
2701	13	14	26.89	-04	05	43.6	0.58	288.20	16.7	P	13	14	28	-04	05	42	0.582	288.2	1983.34924	——	12.7	13.6	——
2702	13	14	29.58	48	46	39.4	0.51	240.38	6.7		13	14	29	48	46	36	0.564	245.6	1955.21204	1991.28027	12.7	14.5	——
2703	13	14	28.57	38	50	2.3	0.71	233.43	16.9		13	14	30	38	50	0	0.724	237.1	1950.43347	1990.06689	13.8	15.6	——
2704	13	16	16.72	-73	08	34.2	0.52	251.16	262.1		13	15	17	-73	08	0	0.500	249.7	1980.52832	1996.44812	13.5	15.0	——
2705	13	15	25.96	16	15	6.9	0.72	164.85	1.1		13	15	26	16	15	6	0.695	164.9	1950.29395	1991.13538	13.2	14.9	——
2706	13	15	34.10	-32	28	37.5	0.45	240.37	11.5		13	15	35	-32	28	36	0.537	248.1	1978.13074	1991.20825	14.9	16.4	——
2707	13	16	4.23	-55	16	43.4	0.47	231.52	19.6	Bb	13	16	3	-55	17	0	0.532	255.7	1987.46143	1993.46851	13.2	14.7	——
2708	13	16	10.96	31	46	40.5	0.63	167.49	1.6		13	16	11	31	46	42	0.506	168.6	1955.28833	1989.17358	12.5	13.4	——
2709	13	16	12.68	-02	47	36.6	0.50	276.20	4.8	P	13	16	13	-02	47	36	0.503	276.2	1956.27124	——	13.8	15.4	——
2710	13	16	19.50	-20	07	31.9	0.65	275.20	7.3		13	16	19	-20	07	30	0.629	272.6	1976.49011	1993.21375	16.5	17.1	——
2711	13	16	33.02	27	52	28.5	0.66	283.87	1.5		13	16	33	27	52	30	0.749	285.8	1955.28833	1989.17358	13.1	14.6	——
2712	13	16	43.57	-15	35	58.6	0.71	196.70	6.4	P	13	16	44	-15	36	0	0.708	196.7	1983.35474	——	15.1	15.5	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2713	13	16	51.05	17	01	1.9	0.68	112.54	2.0	TPWcdm	13	16	51	17	01	0	0.687	113.3	1950.29395	——	6.7	7.7	1451-01151-1
2714	13	16	46.70	17	01	5.8	0.65	255.10	62.0	PWcdm	13	16	51	17	01	0	0.652	255.1	1950.29395	——	10.0	11.5	——
2715	13	18	56.72	-03	04	18.0	0.66	258.55	12.3	TP	13	18	56	-03	04	24	0.652	255.1	1983.34924	——	10.8	12.3	4961-00093-1
2716	13	19	33.59	35	06	36.6	0.87	153.48	5.0	Td	13	19	34	35	06	36	0.888	152.7	1950.36780	1989.02600	9.6	11.4	2541-00851-1
2717	13	19	34.65	35	06	25.4	0.87	154.10	6.3	Hd	13	19	35	35	06	30	0.888	152.7	1950.36780	1989.02600	11.9	—	65012C
2718	13	20	3.96	-35	24	45.7	0.95	237.16	35.7		13	20	3	-35	24	12	0.961	241.9	1975.40942	1992.24316	12.7	14.2	——
2719	13	20	27.03	-03	56	14.2	0.89	288.50	15.0	P	13	20	28	-03	56	18	0.885	288.5	1983.34924	——	15.3	17.0	——
2720	13	20	28.46	11	29	15.5	0.57	192.38	8.7		13	20	29	11	29	12	0.567	193.7	1955.37036	1997.27771	15.0	16.3	——
2721	13	20	34.24	18	19	42.9	0.53	303.10	3.5	P	13	20	34	18	19	42	0.529	303.1	1950.29395	——	16.3	17.8	——
2722	13	20	43.78	04	07	58.6	0.55	291.75	3.6	TP	13	20	44	04	08	0	0.540	288.7	1956.18970	——	8.7	9.8	0303-00950-1
2723	13	20	52.46	27	59	49.3	0.52	250.43	36.6		13	20	50	28	00	6	0.500	252.8	1950.42529	1989.17358	17.9	20.3	——
2724	13	20	58.04	34	16	44.1	0.56	122.38	33.9	T	13	20	58	34	17	18	0.593	119.1	1950.36780	1989.02600	10.9	12.6	2538-00384-1
2725	13	21	35.27	03	45	55.3	0.50	265.90	11.0	P	13	21	36	03	45	54	0.504	265.9	1956.18970	——	11.8	13.5	——
2726	13	21	43.80	-39	18	39.9	0.76	277.65	10.1	Tcs	13	21	43	-39	18	36	0.667	278.2	1975.43396	1993.16443	8.8	9.3	7787-01822-1
2727	13	23	5.71	70	17	7.8	0.53	258.71	12.1		13	23	7	70	17	18	0.546	259.9	1955.17126	1993.28308	14.0	15.5	——
2728	13	23	32.82	29	14	15.0	0.53	297.61	3.8	Tcs	13	23	33	29	14	18	0.512	299.5	1950.42529	1989.17358	9.6	11.3	1996-01770-1
2729	13	23	38.09	-25	54	46.4	0.61	245.87	2.0		13	23	38	-25	54	48	0.662	250.4	1976.41101	1992.27051	12.4	14.9	——
2730	13	23	45.86	-51	37	2.9	0.54	210.50	63.9	P	13	23	39	-51	37	0	0.541	210.5	1975.43665	——	14.2	15.7	——
2731	13	23	44.23	-14	02	44.2	0.76	239.20	5.1	P	13	23	44	-14	02	48	0.763	239.2	1983.35474	——	10.8	12.1	——
2732	13	24	27.74	-33	16	25.3	0.78	151.29	11.8		13	24	27	-33	16	18	0.678	150.6	1975.40942	1992.24316	14.1	16.4	——
2733	13	25	7.87	22	51	44.4	0.61	228.43	12.6		13	25	7	22	51	48	0.636	235.1	1950.38147	1991.37036	13.5	14.8	——
2734	13	25	14.25	-21	27	13.5	0.59	220.73	8.3		13	25	14	-21	27	6	0.615	225.3	1976.49011	1993.21375	14.9	16.8	——
2735	13	25	15.43	32	16	21.9	0.74	265.52	7.5		13	25	16	32	16	24	0.697	274.8	1950.37061	1989.02600	12.5	13.6	——
2736	13	25	51.81	40	18	54.4	0.55	284.20	9.2	P	13	25	51	40	18	54	0.549	284.2	1950.46362	——	16.4	18.2	——
2737	13	26	9.58	-51	41	36.0	0.51	267.30	54.9	P	13	26	4	-51	41	18	0.510	267.3	1975.43665	——	14.5	14.3	——
2738	13	27	19.65	00	48	25.5	0.58	263.60	9.9	P	13	27	19	00	48	24	0.580	263.6	1979.47766	——	16.2	17.8	——
2739	13	27	19.59	-31	10	40.1	0.58	253.00	7.8		13	27	19	-31	10	42	0.614	256.6	1977.21545	1996.23230	13.1	14.9	——
2740	13	28	25.81	13	46	43.6	0.62	202.12	5.2	TPWc	13	28	26	13	46	48	0.629	202.0	1955.37036	——	5.0	5.8	0898-01042-1
2741	13	28	36.16	-02	01	15.0	0.70	274.10	3.9	P	13	28	36	-02	01	18	0.703	274.1	1979.47766	——	13.3	15.2	——
2742	13	28	38.17	-09	46	31.1	0.52	250.69	5.5		13	28	38	-09	46	36	0.571	247.9	1983.19360	1995.40552	18.7	21.0	——
2743	13	30	25.89	-52	02	44.2	0.72	225.58	46.9		13	30	27	-52	03	30	0.684	236.3	1975.43665	1993.46851	13.4	14.9	——
2744	13	30	52.58	-32	37	48.7	0.69	238.97	7.5	T	13	30	53	-32	37	54	0.675	240.1	1977.21545	1996.23230	11.6	13.0	7269-02615-1
2745	13	30	59.53	30	29	51.9	0.47	252.91	7.2		13	31	0	30	29	48	0.546	257.3	1950.42529	1989.17358	16.0	16.2	——
2746	13	31	28.27	24	47	9.6	0.55	242.60	4.4		13	31	28	24	47	12	0.508	244.9	1950.38147	1992.39941	19.1	21.2	——
2747	13	31	39.94	-02	19	2.6	0.88	288.12	2.7	Tcs	13	31	40	-02	19	0	0.868	286.8	1979.47766	1993.31775	7.4	8.3	4966-00099-1
2748	13	32	0.28	66	36	0.1	0.57	301.87	14.9		13	31	58	66	35	54	0.567	300.3	1955.37878	1990.07800	13.5	15.0	——
2749	13	32	30.32	24	11	58.9	0.92	248.47	8.3		13	32	30	24	12	6	0.965	252.3	1950.38147	1992.39941	12.6	14.1	——
2750	13	33	5.92	-42	41	18.6	0.53	268.92	59.1		13	33	1	-42	41	42	0.532	280.8	1975.43396	1993.16443	10.9	12.0	——
2751	13	33	16.26	62	25	37.8	0.46	282.93	8.0		13	33	16	62	25	30	0.528	287.5	1955.37878	1990.07800	13.9	15.4	——
2752	13	33	18.02	64	17	12.2	0.56	243.29	8.8	c	13	33	17	64	17	18	0.607	244.4	1955.37878	1990.07800	14.6	16.1	——
2753	13	33	24.70	41	54	42.3	0.80	190.08	7.8		13	33	24	41	54	42	0.787	190.4	1950.46362	1994.42249	16.1	17.4	——
2754	13	33	32.40	08	35	12.3	0.52	280.41	5.9	Tcs	13	33	32	08	35	12	0.512	279.8	1954.24707	1993.31580	8.1	9.3	0892-00596-1
2755	13	33	55.87	-24	44	37.7	0.60	237.60	2.4		13	33	56	-24	44	36	0.624	244.9	1976.41382	1993.39172	17.7	20.7	——
2756	13	34	1.26	82	16	24.9	0.66	264.02	61.5		13	33	57	82	15	24	0.635	255.2	1955.16296	1997.11633	15.4	16.7	——
2757	13	33	56.85	-67	53	55.1	1.25	199.78	18.1	Bb	13	33	58	-67	54	12	0.802	247.7	1987.39026	1991.27673	14.8	16.3	——
2758	13	34	23.67	-26	22	13.1	0.78	237.29	4.6		13	34	24	-26	22	12	0.788	242.9	1976.41382	1993.39172	12.9	15.7	——
2759	13	34	24.90	-27	30	23.8	0.57	255.68	14.6	Tcs	13	34	26	-27	30	24	0.585	253.0	1976.41382	1993.39172	9.4	10.5	6722-00414-1
2760	13	34	32.75	-38	54	29.8	0.68	132.95	18.0	cs	13	34	33	-38	54	12	0.576	131.4	1975.43396	1993.16443	7.9	8.5	——
2761	13	34	25.54	27	16	30.4	0.64	195.93	6.1		13	34	26	27	16	30	0.660	197.2	1950.42529	1989.17358	14.1	15.4	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2762	13	35	29.16	46	33	30.9	0.73	140.31	13.0	T	13	35	28	46	33	36	0.706	140.0	1956.26880	1994.42249	11.0	12.3	3463-00087-1
2763	13	35	36.67	29	06	12.5	0.77	221.27	28.7		13	35	35	29	05	54	0.789	222.4	1950.42529	1989.17358	14.3	15.8	——
2764	13	36	21.84	-21	59	53.3	0.57	214.32	2.3		13	36	22	-21	59	54	0.550	218.3	1977.15259	1993.29041	14.2	16.5	——
2765	13	36	47.51	19	05	12.9	0.70	240.39	8.8	H	13	36	47	19	05	18	0.681	240.8	1954.24756	1992.19507	12.1	—	66397
2766	13	36	56.68	07	46	1.5	0.86	245.14	10.2	T	13	36	56	07	46	0	0.837	245.7	1950.29956	1993.31580	10.1	11.3	0892-00863-1
2767	13	37	19.39	15	32	15.9	0.62	254.35	6.0		13	37	19	15	32	18	0.626	258.1	1954.24756	1994.35681	13.5	15.2	——
2768	13	37	59.15	02	51	16.4	0.53	265.10	2.8		13	37	59	02	51	18	0.558	271.5	1950.29956	1993.35950	15.2	16.9	——
2769	13	38	15.36	-68	04	14.2	0.94	170.62	27.9	Bb	13	38	15	-68	04	42	0.545	262.3	1987.39026	1991.27673	16.0	15.8	——
2770	13	38	24.65	-02	51	52.3	0.76	287.19	6.8		13	38	25	-02	51	48	0.713	289.4	1952.08069	1993.31775	14.3	16.0	——
2771	13	38	37.16	25	49	48.4	0.55	275.27	15.6		13	38	36	25	49	48	0.601	278.4	1950.38147	1992.39941	12.0	13.1	——
2772	13	39	1.77	48	53	47.7	0.72	163.20	2.3		13	39	2	48	53	48	0.662	162.0	1956.26880	1994.43335	13.9	15.7	——
2773	13	39	7.00	-04	11	12.0	0.62	322.50	—	NP	13	39	7	-04	11	12	0.616	322.5	1983.34656	——	9.6	11.0	——
2774	13	39	15.41	15	40	56.8	1.05	142.38	20.6		13	39	14	15	41	0	0.981	142.7	1954.24756	1994.35681	13.2	15.0	——
2775	13	39	20.41	-01	04	13.3	0.49	277.28	9.0	Bb	13	39	21	-01	04	12	0.532	274.9	1984.18225	1993.31775	15.8	17.6	——
2776	13	39	50.47	46	58	7.1	0.79	271.33	11.9		13	39	50	46	58	18	0.823	274.5	1956.26880	1994.42249	16.4	18.5	——
2777	13	40	19.10	47	12	27.5	0.62	148.15	11.5		13	40	18	47	12	30	0.585	148.1	1956.26880	1994.42249	14.9	16.5	——
2778	13	40	19.89	46	28	28.6	0.54	168.00	20.9		13	40	18	46	28	36	0.511	170.9	1956.26880	1994.42249	13.1	14.4	——
2779	13	40	24.73	12	13	22.1	0.54	258.14	10.8		13	40	24	12	13	24	0.580	264.6	1954.24707	1993.31580	13.6	15.1	——
2780	13	40	39.07	-24	37	7.3	0.70	227.27	1.6		13	40	39	-24	37	6	0.721	234.0	1976.41382	1993.39172	13.0	13.9	——
2781	13	40	43.36	02	03	48.9	0.54	279.95	10.9	b	13	40	44	02	03	54	0.607	276.4	1984.18225	1993.31775	17.6	17.5	——
2782	13	41	43.00	-18	28	34.4	0.57	265.69	4.4	c	13	41	43	-18	28	30	0.620	275.5	1977.15259	1993.29041	15.3	16.6	——
2783	13	42	9.88	-16	00	23.8	0.55	179.95	13.9	Bb	13	42	9	-16	00	18	0.510	268.5	1982.30029	1985.16711	12.5	14.2	——
2784	13	42	43.28	33	17	24.4	0.72	188.97	9.1	H	13	42	44	33	17	24	0.708	188.6	1950.37061	1989.18457	12.0	—	66906
2785	13	43	48.14	53	50	35.2	0.69	205.24	10.1		13	43	47	53	50	36	0.699	206.9	1955.31042	1993.31311	13.5	14.8	——
2786	13	43	48.15	53	50	34.8	0.69	205.34	115.2		13	43	48	53	52	30	0.703	206.3	1955.31042	1993.31311	13.8	14.9	——
2787	13	44	09.90	04	52	35.3	0.50	244.32	5.5	T	13	44	10	04	52	30	0.507	245.3	1950.29956	1993.35950	11.4	14.1	0311-00469-1
2788	13	44	25.27	62	24	19.2	0.51	242.83	5.2		13	44	25	62	24	24	0.504	244.4	1955.37878	1990.07800	13.9	15.4	——
2789	13	44	28.35	51	41	7.5	0.76	266.81	13.3		13	44	27	51	41	12	0.742	269.0	1955.31042	1994.43335	12.3	13.8	——
2790	13	44	32.68	20	15	28.1	0.61	186.17	12.4		13	44	32	20	15	36	0.528	195.9	1950.38147	1992.19507	17.7	19.9	——
2791	13	44	49.35	33	10	23.8	0.52	263.32	8.2	T	13	44	50	33	10	24	0.521	262.1	1950.37061	1989.18457	11.9	13.6	2540-00406-1
2792	13	45	6.13	25	01	10.5	0.63	263.92	15.4		13	45	5	25	01	12	0.704	267.5	1950.38147	1992.39941	13.0	14.1	——
2793	13	45	13.86	34	53	11.9	0.87	165.40	1.7		13	45	14	34	53	12	0.846	168.4	1950.37061	1989.18457	15.6	17.1	——
2794	13	45	50.72	-17	58	5.6	0.63	209.56	4.0	H	13	45	51	-17	58	6	0.623	210.2	1977.15259	1993.29041	11.8	—	67164
2795	13	45	55.30	27	23	11.6	0.55	165.67	17.3		13	45	54	27	23	12	0.514	164.0	1950.29407	1996.51965	14.2	15.7	——
2796	13	46	17.63	-04	01	7.2	0.54	290.60	10.6	P	13	46	17	-04	01	12	0.542	290.6	1983.34656	——	16.8	18.5	——
2797	13	46	21.36	-16	39	53.5	0.60	179.35	19.5	Bb	13	46	20	-16	39	54	0.544	232.1	1982.30029	1985.16711	16.6	18.8	——
2798	13	46	57.12	06	21	1.4	0.52	257.90	5.0	Tcs	13	46	57	06	21	6	0.525	267.3	1950.29956	1993.35950	6.4	7.1	0314-01369-1
2799	13	47	23.45	-06	08	12.8	0.67	210.49	8.5	TP	13	47	23	-06	08	18	0.653	214.1	1983.34656	——	10.4	11.4	4973-01501-1
2800	13	47	24.45	10	21	36.5	0.89	258.24	8.6		13	47	24	10	21	42	0.884	262.7	1954.24707	1993.31580	14.5	14.7	——
2801	13	47	28.80	06	18	56.3	0.52	257.64	4.7	T	13	47	29	06	19	0	0.525	267.3	1950.29956	1993.35950	10.2	11.6	0314-00947-1
2802	13	47	34.29	-33	00	15.8	0.53	221.70	5.3		13	47	34	-33	00	12	0.534	228.3	1975.26733	1991.20276	17.7	19.0	——
2803	13	48	7.36	-13	44	32.4	0.75	205.04	6.3	Bb	13	48	7	-13	44	36	0.862	234.0	1982.30029	1985.16711	14.3	16.0	——
2804	13	48	40.75	-05	17	8.6	0.53	154.90	5.1	P	13	48	41	-05	17	12	0.530	154.9	1983.34656	——	14.8	16.4	——
2805	13	48	44.12	13	07	33.5	0.56	240.59	3.0		13	48	44	13	07	36	0.600	245.9	1954.24707	1994.35681	15.6	17.1	——
2806	13	48	55.18	-35	42	18.0	0.55	242.15	18.1	cdms	13	48	55	-35	42	0	0.551	251.0	1975.26733	1991.20276	9.8	11.3	——
2807	13	48	55.07	-35	42	15.1	0.56	250.65	3.2	Tcdms	13	48	55	-35	42	12	0.551	251.0	1975.26733	1991.20276	6.6	7.2	7291-01838-1
2808	13	49	2.38	11	55	11.4	0.62	163.42	8.7		13	49	2	11	55	18	0.575	158.9	1954.24707	1993.31580	17.5	18.0	——
2809	13	50	7.86	12	34	28.1	0.59	208.92	4.6		13	50	8	12	34	24	0.580	214.5	1954.24707	1994.35681	13.4	15.2	——
2810	13	50	19.68	-29	33	59.5	0.55	250.87	4.2		13	50	20	-29	34	0	0.592	255.6	1975.19360	1992.18579	13.3	16.0	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2811	13	50	35.90	03	30	36.7	0.78	258.95	5.5		13	50	36	03	30	42	0.803	262.7	1950.29956	1993.35950	14.3	16.0	——
2812	13	50	36.86	44	55	53.1	0.55	198.17	1.8		13	50	37	44	55	54	0.539	202.6	1956.26880	1996.36694	15.7	17.2	——
2813	13	51	21.63	-53	32	46.3	0.55	139.80	31.8	P	13	51	20	-53	32	18	0.552	139.8	1987.26172	——	13.1	14.6	——
2814	13	51	20.33	-24	23	25.7	0.65	243.53	361.8	T s	13	51	21	-24	17	24	0.665	241.5	1976.47925	1991.27393	6.5	7.3	6720-01406-1
2815	13	51	40.16	-57	26	8.9	0.72	229.84	36.7	Bb	13	51	36	-57	25	54	0.593	223.3	1987.26172	1994.18628	8.7	9.3	——
2816	13	52	21.26	11	47	0.6	0.66	250.36	3.8		13	52	21	11	47	0	0.674	252.8	1954.24707	1993.31580	14.3	15.8	——
2817	13	52	35.86	-50	55	18.2	0.60	265.60	11.9	Tcs	13	52	36	-50	55	30	0.615	264.3	1976.26672	1990.45203	7.5	8.5	8275-01511-1
2818	13	52	46.04	37	47	24.0	0.53	224.89	6.0		13	52	46	37	47	18	0.508	224.4	1950.36523	1995.31299	17.5	19.0	——
2819	13	52	50.72	66	49	4.9	0.72	216.67	11.3		13	52	49	66	49	0	0.667	216.8	1955.37878	1990.07800	15.1	16.6	——
2820	13	52	50.22	65	37	18.9	0.54	252.29	5.2		13	52	50	65	37	24	0.565	255.9	1955.37878	1990.07800	11.3	12.9	——
2821	13	53	27.56	12	56	33.3	0.68	194.03	12.4	T	13	53	27	12	56	24	0.695	194.5	1954.24707	1996.30420	10.0	11.7	0906-00660-1
2822	13	53	55.72	-20	14	43.9	0.56	63.13	5.7		13	53	56	-20	14	48	0.527	56.5	1976.49292	1993.24658	12.1	13.9	——
2823	13	54	9.28	23	07	9.0	0.57	166.06	63.1		13	54	9	23	06	6	0.558	166.4	1950.27771	1996.38330	17.3	18.8	——
2824	13	54	22.22	59	01	25.4	0.76	261.10	9.5	P	13	54	21	59	01	24	0.759	261.1	1953.20129	——	14.1	15.2	——
2825	13	55	32.87	-10	08	47.0	0.62	189.23	12.9	Bb	13	55	32	-10	08	48	0.543	220.3	1988.14929	1992.40979	18.0	20.6	——
2826	13	56	20.66	-28	03	51.3	0.47	252.41	5.2		13	56	21	-28	03	54	0.509	259.6	1975.19360	1992.18579	14.3	17.0	——
2827	13	56	38.47	61	58	49.4	0.54	324.78	11.1		13	56	38	61	59	0	0.525	327.5	1953.20129	1990.07800	14.6	16.1	——
2828	13	57	1.33	08	30	4.3	0.77	283.70	10.1		13	57	2	08	30	6	0.807	290.4	1954.33777	1989.26660	16.9	19.2	——
2829	13	57	15.28	-54	54	21.1	0.71	214.80	21.2	P	13	57	17	-54	54	6	0.714	214.8	1987.26172	——	14.9	16.0	——
2830	13	58	13.93	12	34	43.8	0.80	334.96	15.8		13	58	15	12	34	42	0.785	342.9	1954.33777	1996.30420	11.6	12.7	——
2831	13	58	20.85	11	00	47.7	0.59	154.80	12.5		13	58	20	11	00	48	0.508	158.9	1954.33777	1989.26660	15.0	16.1	——
2832	13	58	22.48	00	52	42.0	0.59	230.68	7.8		13	58	23	00	52	42	0.581	227.6	1980.22021	1994.42517	14.6	15.9	——
2833	13	58	24.82	33	17	59.9	0.58	175.39	60.8		13	58	24	33	17	0	0.545	173.6	1950.36523	1991.19287	15.8	17.3	——
2834	13	58	36.71	-34	00	4.7	0.55	236.52	5.9	Ts	13	58	37	-34	00	0	0.548	237.2	1979.18555	1996.22681	8.2	9.0	7288-00704-1
2835	13	58	43.58	00	04	46.5	0.46	227.91	6.5		13	58	44	00	04	48	0.541	223.9	1980.22021	1994.42517	13.3	14.6	——
2836	13	59	10.56	-19	50	4.4	0.54	242.93	8.0		13	59	10	-19	50	6	0.583	251.5	1976.49292	1993.24658	12.4	14.7	——
2837	13	59	21.65	25	14	22.5	0.51	256.79	5.0	d	13	59	22	25	14	24	0.548	259.0	1950.27771	1996.38330	11.2	12.3	——
2838	13	59	21.68	25	14	2.3	0.52	255.64	5.7	d	13	59	22	25	14	6	0.548	259.0	1950.27771	1996.38330	17.0	18.5	——
2839	14	00	26.73	47	39	57.2	0.66	240.90	11.5	d	14	00	26	47	40	6	0.697	246.1	1950.37878	1989.17639	14.1	16.1	——
2840	14	00	34.16	47	41	47.4	0.66	241.35	13.5	d	14	00	33	47	41	54	0.697	246.1	1950.37878	1989.17639	11.7	13.3	——
2841	14	00	57.04	-31	47	50.1	0.69	277.79	13.4	T	14	00	56	-31	47	48	0.681	277.4	1975.19360	1992.18579	11.1	12.4	7280-01816-1
2842	14	01	3.11	-02	39	17.3	1.05	304.73	5.5	s	14	01	3	-02	39	12	0.994	307.9	1955.37317	1994.42517	10.1	11.4	——
2843	14	01	13.84	07	38	7.3	0.88	215.90	2.7		14	01	14	07	38	6	0.870	217.4	1950.30505	1989.26660	15.9	17.5	——
2844	14	01	33.11	12	27	26.2	0.62	227.13	4.1		14	01	33	12	27	30	0.603	229.9	1954.33777	1996.30420	14.3	16.0	——
2845	14	01	41.69	35	03	12.1	0.54	211.73	3.8	H	14	01	42	35	03	12	0.528	212.8	1950.36523	1991.19287	12.0	—	68522
2846	14	01	44.48	08	55	17.5	0.76	168.12	10.1	T	14	01	45	08	55	24	0.784	167.2	1954.33777	1989.26660	11.7	12.6	0901-01298-1
2847	14	02	20.44	-14	11	8.3	0.98	246.80	6.8	P	14	02	20	-14	11	6	0.977	246.8	1982.51880	——	16.9	19.5	——
2848	14	02	28.88	-21	00	36.0	0.63	125.30	1.7	P	14	02	29	-21	00	36	0.628	125.3	1976.49292	——	12.8	14.3	——
2849	14	02	33.09	46	20	24.4	0.56	96.98	1.0	dms	14	02	33	46	20	24	0.585	94.5	1950.37878	1996.36694	10.0	11.6	——
2850	14	02	33.07	46	20	24.4	0.56	97.02	0.8	dms	14	02	33	46	20	24	0.585	94.5	1950.37878	1996.36694	10.1	11.7	——
2851	14	02	46.64	00	16	4.7	0.54	200.01	204.6		14	02	33	00	16	6	0.577	201.4	1980.22021	1994.42517	15.4	16.3	——
2852	14	02	46.76	-24	31	51.4	0.42	316.43	32.7		14	02	47	-24	32	24	0.545	318.4	1976.47925	1991.27393	11.0	13.7	——
2853	14	03	18.31	19	49	58.2	0.56	183.91	27.6		14	03	19	19	50	24	0.501	184.5	1950.29407	1991.34045	13.8	15.1	——
2854	14	03	32.55	-18	39	54.6	0.67	200.13	319.0		14	03	55	-18	39	54	0.682	212.4	1976.49292	1993.24658	15.2	16.5	——
2855	14	04	9.74	07	40	10.3	0.59	191.73	4.2		14	04	10	07	40	12	0.560	191.7	1950.30505	1989.26660	18.4	21.0	——
2856	14	05	56.13	66	48	0.7	0.46	264.80	44.0		14	05	49	66	47	48	0.545	265.6	1955.37878	1990.07800	17.9	18.8	——
2857	14	06	5.31	02	11	4.5	0.61	287.88	4.9		14	06	5	02	11	6	0.646	286.2	1980.22021	1994.42517	14.1	15.4	——
2858	14	06	40.95	-36	22	11.8	0.73	225.03	5.9	Tcs	14	06	41	-36	22	6	0.740	224.9	1979.18555	1996.22681	2.2	3.4	7293-02215-1
2859	14	06	49.43	-30	18	28.9	0.78	264.03	8.9		14	06	50	-30	18	24	0.814	266.6	1974.46692	1992.19678	16.2	19.4	——

Table 2—Continued

LHS	New data												Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]			RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2860	14	06	50.72	00	57	48.6	0.68	268.35	6.8				14	06	51	00	57	54	0.704	265.6	1980.22021	1994.42517	16.3	17.8	——
2861	14	07	23.21	39	23	43.2	0.82	283.81	5.4				14	07	23	39	23	48	0.826	286.4	1955.28308	1995.46631	14.5	15.8	——
2862	14	07	35.48	-06	00	48.6	0.73	205.40	7.8	P			14	07	36	-06	00	48	0.734	205.4	1984.41101	——	15.8	17.4	——
2863	14	07	40.05	03	56	25.4	0.64	242.77	14.9				14	07	41	03	56	30	0.637	245.6	1950.30505	1995.08630	13.3	15.7	——
2864	14	07	47.92	57	11	45.2	0.69	283.64	15.9				14	07	46	57	11	48	0.695	285.3	1953.20129	1996.43787	13.9	15.4	——
2865	14	08	13.52	80	35	49.7	0.62	156.23	11.9				14	08	9	80	35	54	0.553	160.6	1955.22595	1994.43896	10.8	12.3	——
2866	14	08	22.67	75	51	7.4	0.54	312.49	37.5	T			14	08	22	75	50	30	0.500	312.4	1955.24500	1996.45691	12.3	14.3	4558-00145-1
2867	14	08	50.25	73	16	28.0	0.57	226.36	12.6	dm			14	08	48	73	16	36	0.584	233.4	1955.17126	1996.45691	18.4	20.6	——
2868	14	08	50.48	73	16	28.4	0.54	225.47	9.9	dm			14	08	49	73	16	36	0.584	233.4	1955.17126	1996.45691	14.7	16.2	——
2869	14	08	50.38	04	32	24.1	0.49	143.99	9.3	T			14	08	51	04	32	24	0.501	142.4	1950.30505	1995.08630	11.4	12.6	0319-00432-1
2870	14	09	27.18	-30	55	49.3	0.51	243.81	16.9	T			14	09	27	-30	56	6	0.523	244.2	1974.46692	1992.19678	12.0	13.6	7281-01391-1
2871	14	10	02.69	-61	31	18.4	0.79	215.47	11.8	T			14	10	3	-61	31	30	0.754	215.3	1975.49414	1994.18628	9.8	10.6	9005-01976-1
2872	14	10	27.08	-13	56	4.2	0.57	216.66	2.1	T			14	10	27	-13	56	6	0.574	214.0	1982.51880	1993.39172	10.8	11.3	5561-00401-1
2873	14	12	0.56	07	06	10.5	0.79	263.14	8.4				14	12	0	07	06	12	0.805	263.7	1950.30505	1995.08630	12.4	13.5	——
2874	14	12	7.24	00	54	33.9	0.52	234.66	56.4				14	12	11	00	54	36	0.504	234.2	1955.37317	1994.42517	15.1	16.2	——
2875	14	12	4.95	00	36	32.0	0.01	156.01	129.2	bdm			14	12	11	00	35	0	0.739	290.1	1955.37317	1994.42517	12.5	14.3	——
2876	14	12	4.95	00	36	32.0	0.01	156.57	132.6	bdm			14	12	12	00	35	12	0.739	290.1	1955.37317	1994.42517	19.4	21.0	——
2877	14	12	15.45	15	32	52.9	0.65	271.83	15.3				14	12	16	15	33	6	0.688	274.6	1950.29407	1996.30420	16.1	17.4	——
2878	14	12	30.27	10	08	55.9	0.57	277.66	5.7				14	12	30	10	09	0	0.602	279.1	1954.33777	1989.27209	13.3	15.1	——
2879	14	12	41.99	-13	40	36.5	0.77	228.45	0.5	b			14	12	42	-13	40	36	0.757	238.5	1984.17688	1993.39172	13.6	15.2	——
2880	14	13	4.90	-12	01	27.6	1.22	166.80	3.9	Bb			14	13	5	-12	01	24	0.758	237.1	1984.24231	1985.22192	13.1	14.6	——
2881	14	13	32.78	-62	07	34.5	0.75	215.95	36.1				14	13	28	-62	07	48	0.736	223.9	1975.49414	1994.18628	12.5	14.0	——
2882	14	14	11.07	45	59	18.7	0.56	273.66	12.4				14	14	10	45	59	24	0.605	276.5	1950.37878	1996.36694	12.2	14.0	——
2883	14	14	39.08	-03	17	27.0	0.77	252.65	3.3				14	14	39	-03	17	24	0.933	246.9	1983.49695	1994.36499	13.9	15.2	——
2884	14	15	16.98	45	00	53.2	0.71	251.51	30.8	T			14	15	17	45	01	24	0.743	250.2	1950.37878	1996.36694	12.2	13.5	3472-01126-1
2885	14	15	22.70	76	18	14.1	0.63	324.36	16.5				14	15	24	76	18	30	0.643	320.4	1955.24500	1996.45691	16.2	17.8	——
2886	14	16	42.21	36	00	49.3	0.58	146.06	15.4				14	16	41	36	00	54	0.543	146.8	1950.36523	1992.33423	12.0	13.3	——
2887	14	17	2.95	31	42	45.8	0.59	254.30	2.3				14	17	3	31	42	48	0.606	256.9	1950.27771	1992.32043	12.2	14.7	——
2888	14	17	40.10	20	56	38.2	0.67	192.88	13.2				14	17	41	20	56	42	0.576	192.8	1950.21777	1996.38879	12.4	13.7	——
2889	14	18	8.07	49	39	49.6	0.57	292.27	9.2				14	18	9	49	39	48	0.606	296.1	1950.37878	1994.44165	13.4	15.8	——
2890	14	18	59.05	38	38	26.3	0.74	251.40	12.8	TP			14	18	58	38	38	30	0.731	253.8	1955.28308	——	11.8	12.9	3035-00851-1
2891	14	19	00.90	-25	48	55.5	0.51	316.07	2.0	Tcs			14	19	1	-25	48	54	0.507	311.5	1976.40295	1992.24585	5.9	6.5	6735-01289-1
2892	14	19	5.13	-59	22	47.0	0.89	202.53	18.3	cs			14	19	6	-59	22	30	0.957	209.0	1976.19324	1994.18628	6.8	7.9	——
2893	14	19	10.39	20	23	29.2	0.94	195.13	10.0	c			14	19	11	20	23	24	0.895	196.3	1950.21777	1996.38879	17.5	20.8	——
2894	14	19	34.86	-05	09	4.3	0.64	259.11	13.9	TPWdm			14	19	35	-05	09	18	0.675	247.4	1983.49695	——	7.7	8.7	4982-01062-1
2895	14	19	34.96	-05	09	8.0	0.68	247.40	22.4	PWdm			14	19	36	-05	09	24	0.675	247.4	1983.49695	——	14.5	16.0	——
2896	14	19	43.15	07	58	24.3	0.57	254.84	13.8				14	19	44	07	58	30	0.554	256.6	1955.36499	1989.27209	14.6	16.3	——
2897	14	20	39.35	46	02	33.8	0.66	253.79	7.1				14	20	40	46	02	36	0.649	253.6	1950.37878	1996.52234	14.0	15.9	——
2898	14	20	56.26	47	42	32.4	0.58	245.95	4.4				14	20	56	47	42	36	0.599	247.2	1950.37878	1994.44165	13.4	15.5	——
2899	14	21	15.21	-01	07	22.2	0.75	160.00	5.2				14	21	15	-01	07	18	0.625	163.6	1979.45593	1994.36499	12.0	13.9	——
2900	14	21	23.19	-40	23	38.2	0.57	263.00	13.8	Tcs			14	21	22	-40	23	36	0.510	257.6	1979.33020	1995.47400	9.1	10.5	7809-02461-1
2901	14	21	23.77	33	09	22.6	0.69	161.85	7.9				14	21	24	33	09	30	0.633	157.6	1950.38428	1992.33423	15.1	16.3	——
2902	14	21	32.25	41	26	26.0	0.81	228.46	14.2				14	21	31	41	26	24	0.812	226.0	1950.45264	1995.46631	15.0	16.2	——
2903	14	21	57.22	29	37	46.6	0.70	244.09	19.6	Tcs			14	21	57	29	38	6	0.732	244.4	1950.27771	1992.32043	8.7	10.2	2014-00591-1
2904	14	22	24.98	-07	17	14.6	0.73	168.76	15.4	Bb			14	22	26	-07	17	12	0.672	248.1	1983.49695	1985.22192	12.6	13.7	——
2905	14	22	53.63	18	00	4.8	0.50	266.23	10.2				14	22	53	18	00	0	0.500	264.4	1955.35962	1996.38879	11.9	13.2	——
2906	14	23	7.98	-22	17	11.2	0.56	197.47	0.8				14	23	8	-22	17	12	0.536	210.2	1976.49023	1991.22742	13.7	16.0	——
2907	14	23	15.28	01	14	29.6	0.53	154.95	4.2	Tcs			14	23	15	01	14	30	0.533	155.1	1979.45593	1994.36499	6.3	7.0	0318-00438-1
2908	14	23	28.53	21	01	5.3	0.71	267.96	6.6				14	23	29	21	01	6	0.683	269.4	1950.21777	1996.38879	12.8	14.1	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ^{b}	θ^{b}	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2909	14	23	43.83	14	26	49.9	0.70	150.63	4.8			14	23	44	14	26	54	0.628	150.2	1955.35962	1994.33765	16.5	18.5	——
2910	14	23	38.06	-71	49	40.2	0.72	219.39	102.2	?Bb		14	23	56	-71	48	42	0.545	240.6	1987.39343	1993.53699	14.9	16.4	——
2911	14	24	16.29	-20	45	0.5	0.67	173.04	9.9			14	24	17	-20	45	0	0.574	183.4	1976.49023	1991.22742	12.7	14.4	——
2912	14	24	19.85	-32	06	4.5	0.89	222.67	11.7			14	24	19	-32	06	0	0.927	228.9	1974.46692	1992.19678	14.1	15.7	——
2913	14	24	55.98	08	53	15.4	0.57	73.85	2.6	H		14	24	56	08	53	18	0.570	71.3	1950.27234	1989.27209	12.3	—	70475
2914	14	25	23.62	53	19	22.3	0.54	213.06	5.5			14	25	24	53	19	18	0.543	214.1	1953.27783	1996.43787	12.3	13.4	——
2915	14	25	30.12	20	35	23.5	0.63	167.24	12.4	c		14	25	31	20	35	24	0.624	169.4	1950.21777	1996.38879	8.0	8.6	——
2916	14	25	30.89	-20	15	44.1	0.51	287.43	10.0			14	25	31	-20	15	54	0.570	286.9	1976.49023	1991.22742	14.1	16.2	——
2917	14	26	12.00	-27	36	18.0	0.54	283.20	—	N		14	26	12	-27	36	18	0.539	283.2	1976.40295	1992.24585	19.0	21.0	——
2918	14	27	44.98	23	50	27.0	0.52	278.23	13.8	T		14	27	44	23	50	30	0.502	279.4	1950.21777	1996.29895	11.0	12.6	2008-00034-1
2919	14	28	4.25	13	56	12.5	0.61	213.68	10.9			14	28	5	13	56	12	0.583	215.3	1950.27234	1994.33765	16.2	18.3	——
2920	14	28	25.67	-18	53	8.8	0.59	209.77	28.2			14	28	24	-18	53	24	0.553	217.9	1976.49023	1991.22742	15.7	17.2	——
2921	14	28	31.57	45	54	32.3	0.91	275.60	37.3	P		14	28	28	45	54	30	0.907	275.6	1950.37878	——	15.7	17.3	——
2922	14	28	40.04	77	39	18.0	0.50	162.18	6.5			14	28	38	77	39	18	0.501	167.6	1955.24500	1994.43896	13.7	15.2	——
2923	14	28	39.71	31	17	21.9	0.77	181.69	4.3			14	28	40	31	17	24	0.717	185.3	1950.27771	1991.29138	15.5	17.1	——
2924	14	28	43.33	33	10	37.9	0.82	204.29	16.8			14	28	42	33	10	36	0.802	206.2	1950.38428	1992.33423	18.2	21.2	——
2925	14	29	59.62	29	34	1.4	0.54	203.45	20.0			14	30	0	29	33	42	0.516	206.3	1950.27771	1991.29138	13.3	15.0	——
2926	14	30	13.95	-46	57	3.1	0.71	233.60	23.0			14	30	13	-46	57	24	0.760	238.5	1976.40845	1994.49316	10.8	11.9	——
2927	14	30	15.45	-24	03	27.0	0.64	230.66	62.4	cd		14	30	20	-24	03	30	0.650	233.3	1976.40295	1992.24585	17.6	19.1	——
2928	14	30	18.10	-24	03	17.9	0.64	223.14	53.4	d		14	30	22	-24	03	18	0.650	233.3	1976.40295	1992.24585	14.3	16.4	——
2929	14	30	35.79	63	39	10.1	0.87	197.66	10.1			14	30	36	63	39	0	0.846	199.8	1956.20361	1991.20935	13.3	14.8	——
2930	14	30	37.95	59	43	24.1	0.78	280.65	19.7			14	30	40	59	43	12	0.825	282.4	1955.37341	1995.25574	18.3	20.0	——
2931	14	30	45.13	35	27	10.2	0.47	286.12	13.9	cs		14	30	44	35	27	12	0.538	291.0	1950.38428	1992.33423	9.2	10.3	——
2932	14	31	01.17	-12	17	46.0	0.57	225.36	3.2	HBb		14	31	1	-12	17	48	0.538	227.0	1984.24231	1985.22192	11.9	—	70975
2933	14	31	30.37	-26	35	56.0	0.50	150.76	6.4	cs		14	31	30	-26	36	0	0.503	167.0	1976.40295	1992.24585	9.1	9.9	——
2934	14	31	51.04	-14	43	35.3	0.62	148.75	0.9	Bb		14	31	51	-14	43	36	0.521	151.8	1984.17688	1993.39172	14.6	16.2	——
2935	14	32	8.51	08	11	30.0	0.50	271.69	7.5			14	32	8	08	11	30	0.502	272.4	1955.36499	1989.27209	14.0	15.5	——
2936	14	32	14.63	49	39	4.8	0.60	259.43	6.2			14	32	14	49	39	6	0.595	259.6	1955.22852	1994.44165	12.6	14.8	——
2937	14	32	36.25	13	45	17.9	0.63	165.15	61.9			14	32	32	13	45	18	0.590	168.0	1950.27234	1993.36230	13.0	15.0	——
2938	14	32	37.49	-28	16	2.5	0.55	235.93	7.2	T		14	32	38	-28	16	0	0.562	235.1	1975.35754	1991.27942	10.9	12.5	6757-02770-1
2939	14	33	28.44	-18	25	56.2	0.57	260.13	7.4			14	33	28	-18	26	0	0.640	265.2	1976.49023	1991.22742	13.9	16.0	——
2940	14	33	33.93	-09	55	55.2	0.57	207.64	4.9	TBb		14	33	34	-09	56	0	0.561	206.9	1983.34937	1986.48218	11.0	11.9	5568-00175-1
2941	14	33	34.90	09	20	3.8	0.53	162.89	2.7	Tds		14	33	35	09	20	6	0.542	162.2	1950.27234	1989.24475	8.9	10.0	0910-00086-1
2942	14	33	39.94	09	20	8.6	0.57	161.19	3.5	d		14	33	40	09	20	12	0.542	162.2	1950.27234	1989.24475	13.7	15.2	——
2943	14	34	14.63	39	40	54.4	0.64	148.15	7.7			14	34	15	39	40	48	0.598	146.5	1950.45264	1996.30981	14.1	15.6	——
2944	14	34	13.49	12	34	57.1	0.54	291.75	22.3	T		14	34	15	12	35	0	0.524	286.1	1950.27234	1993.36230	11.1	12.4	0916-00758-1
2945	14	34	16.82	-12	31	10.4	0.69	329.01	3.1	HBb		14	34	17	-12	31	12	0.690	330.3	1983.34937	1986.48218	11.3	—	71253
2946	14	34	21.34	67	08	31.9	0.58	296.39	19.9			14	34	18	67	08	36	0.611	297.9	1956.20361	1991.20935	13.8	15.1	——
2947	14	34	44.22	30	05	21.6	0.88	213.14	10.4			14	34	45	30	05	24	0.848	215.4	1950.27771	1991.29138	13.6	15.6	——
2948	14	34	57.88	33	44	46.1	0.73	287.14	2.4	cs		14	34	58	33	44	48	0.788	287.1	1950.38428	1992.33423	10.1	11.6	——
2949	14	35	18.30	09	59	23.6	0.61	234.05	10.3			14	35	19	09	59	24	0.620	237.8	1950.27234	1989.24475	12.6	14.2	——
2950	14	35	59.65	-23	03	6.1	0.90	228.35	18.6			14	36	1	-23	03	6	0.884	228.7	1983.29199	1996.28687	17.1	19.7	——
2951	14	36	42.85	43	32	34.9	0.60	328.17	32.8			14	36	40	43	32	24	0.622	326.2	1950.45264	1996.52234	16.1	17.0	——
2952	14	36	53.15	58	20	53.5	0.99	138.69	30.4			14	36	50	58	20	36	0.907	137.0	1955.37341	1995.25574	11.7	13.2	——
2953	14	36	59.78	-12	18	19.2	0.95	292.75	3.5	TBbcs		14	37	0	-12	18	18	0.945	292.3	1983.34937	1986.48218	6.2	6.7	5572-00319-1
2954	14	37	15.62	09	26	20.0	0.61	268.70	6.9			14	37	16	09	26	24	0.637	274.5	1950.27234	1989.24475	14.8	16.1	——
2955	14	37	55.67	-03	06	0.7	0.55	248.70	15.1	P		14	37	55	-03	06	12	0.549	248.7	1983.34680	——	16.5	18.0	——
2956	14	38	8.33	00	50	36.4	0.56	268.60	70.1	P		14	38	13	00	50	36	0.558	268.6	1980.21497	——	12.4	13.5	——
2957	14	38	31.19	-03	15	27.8	0.60	176.80	4.8	P		14	38	31	-03	15	24	0.604	176.8	1983.34680	——	12.8	14.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
2958	14	38	33.91	41	33	29.6	0.62	226.73	33.8		14	38	36	41	33	54	0.606	227.3	1950.45264	1996.30981	15.3	16.8	——
2959	14	40	0.37	48	17	54.5	0.63	185.80	3.7		14	40	0	48	17	54	0.615	188.2	1955.22852	1994.44165	14.8	16.9	——
2960	14	40	24.69	72	00	13.8	0.57	197.44	72.0		14	40	11	72	00	48	0.592	207.5	1955.39001	1991.43066	17.1	18.7	——
2961	14	40	28.26	-57	01	46.4	0.51	128.56	7.9	Tcs	14	40	28	-57	01	54	0.502	130.4	1978.34680	1993.53430	7.5	8.2	8688-00686-1
2962	14	40	33.66	31	28	46.8	0.86	172.51	4.5	T	14	40	34	31	28	48	0.879	170.6	1955.28308	1991.29138	12.1	13.5	2554-00435-1
2963	14	40	40.72	41	32	11.4	0.52	222.88	15.8		14	40	42	41	32	18	0.555	223.9	1950.45264	1996.30981	14.0	15.2	——
2964	14	41	56.49	16	58	22.0	0.90	186.42	10.7		14	41	56	16	58	30	0.875	188.2	1955.35962	1993.36230	15.6	17.1	——
2965	14	42	4.85	01	55	11.7	0.68	154.02	2.3	b	14	42	5	01	55	12	0.585	160.3	1980.21497	1989.24207	13.5	14.8	——
2966	14	42	13.21	-19	47	41.6	0.58	241.52	12.5		14	42	14	-19	47	36	0.581	251.7	1976.41113	1994.18628	18.2	19.1	——
2967	14	43	3.89	17	06	48.9	0.88	168.75	1.8		14	43	4	17	06	48	0.862	169.8	1950.20667	1993.36230	14.9	16.2	——
2968	14	43	18.07	05	49	38.5	0.86	268.29	3.6		14	43	18	05	49	42	0.864	269.1	1955.37048	1989.24207	10.6	11.2	——
2969	14	43	56.27	-11	52	29.6	0.42	208.90	19.5	Bb	14	43	55	-11	52	24	0.501	259.6	1983.34937	1986.48218	11.7	12.3	——
2970	14	45	09.74	-49	54	58.6	0.77	239.52	18.4	TBb	14	45	8	-49	55	6	0.759	239.1	1988.46826	1993.46570	8.5	9.6	8287-01805-1
2971	14	45	12.47	39	31	58.9	0.36	261.71	25.8	c	14	45	13	39	32	24	0.516	266.7	1950.45264	1996.30981	15.2	16.7	——
2972	14	45	36.53	38	57	34.5	0.67	188.68	139.7		14	45	46	38	59	0	0.645	184.3	1950.45264	1996.30981	15.3	16.8	——
2973	14	46	0.85	46	33	22.7	0.69	129.40	50.0		14	45	56	46	33	24	0.618	128.5	1955.22852	1994.42798	14.2	16.0	——
2974	14	46	23.29	16	29	46.3	0.96	186.75	8.7	cs	14	46	23	16	29	54	0.937	187.7	1950.20667	1993.36230	8.9	10.3	——
2975	14	46	27.66	-35	21	29.9	0.53	230.07	16.4	b	14	46	29	-35	21	30	0.534	224.7	1977.22375	1991.20276	11.0	11.6	——
2976	14	46	56.31	68	14	9.1	0.44	318.42	7.9		14	46	55	68	14	6	0.508	320.6	1956.20361	1991.43066	13.5	15.0	——
2977	14	46	59.81	17	05	9.0	0.55	260.29	4.0	T	14	47	0	17	05	12	0.541	262.1	1950.20667	1993.36230	12.1	13.1	1478-00314-1
2978	14	47	4.59	-12	44	27.5	0.89	176.88	6.9	Bb	14	47	5	-12	44	24	0.545	246.7	1983.34937	1986.48218	12.0	13.5	——
2979	14	47	55.22	-03	09	35.6	0.66	306.40	6.5	P	14	47	55	-03	09	30	0.657	306.4	1983.34680	——	12.5	14.4	——
2980	14	48	3.38	15	54	14.0	0.55	276.67	5.8		14	48	3	15	54	12	0.549	282.4	1950.20667	1993.36230	17.6	20.9	——
2981	14	49	11.97	09	47	20.9	0.54	183.46	3.0		14	49	12	09	47	18	0.526	184.5	1954.41992	1989.24475	17.6	19.7	——
2982	14	49	54.55	-04	15	57.6	0.76	202.00	7.6	P	14	49	55	-04	15	54	0.755	202.0	1983.34680	——	13.4	14.5	——
2983	14	50	20.96	06	48	53.8	0.62	263.87	6.3	Tcs	14	50	21	06	49	0	0.606	264.8	1955.37048	1989.24207	9.2	10.3	0333-00192-1
2984	14	50	49.44	07	33	31.6	0.95	238.52	7.9		14	50	49	07	33	36	0.924	242.8	1955.37048	1989.24475	15.7	15.4	——
2985	14	51	13.72	-01	32	23.7	0.67	224.01	12.2		14	51	13	-01	32	18	0.658	229.9	1957.32434	1995.31323	13.1	15.0	——
2986	14	51	21.91	02	40	39.1	0.53	185.73	16.6		14	51	23	02	40	42	0.500	187.5	1955.37048	1989.24207	16.0	17.5	——
2987	14	51	22.75	-66	17	48.6	0.51	233.50	27.0	P	14	51	25	-66	18	12	0.512	233.5	1987.39331	——	14.6	16.1	——
2988	14	51	56.25	-41	11	10.2	0.46	232.87	49.0		14	51	52	-41	11	0	0.550	244.3	1977.42859	1991.22461	13.4	14.5	——
2989	14	51	53.07	51	47	10.8	0.61	135.91	1.4	cdm	14	51	53	51	47	12	0.537	131.3	1953.27783	1996.43518	14.8	17.2	——
2990	14	51	53.78	51	47	9.2	0.63	132.11	3.8	dm	14	51	54	51	47	6	0.537	131.3	1953.27783	1996.43518	13.2	14.9	——
2991	14	52	7.78	71	39	44.2	0.95	243.13	4.3		14	52	7	71	39	42	0.950	243.7	1955.39001	1991.43066	11.2	12.5	——
2992	14	52	28.35	44	30	1.8	0.51	218.08	4.2		14	52	28	44	30	0	0.542	221.6	1955.22852	1994.42798	16.1	17.6	——
2993	14	53	19.32	-11	35	22.4	0.54	220.35	6.5		14	53	19	-11	35	18	0.523	219.7	1982.54077	1996.22949	13.1	14.6	——
2994	14	53	27.71	-15	47	20.5	0.81	153.65	4.9	Bb	14	53	28	-15	47	18	0.532	159.1	1982.52441	1987.41638	13.6	15.2	——
2995	14	53	37.34	11	34	10.9	0.79	170.20	9.7		14	53	38	11	34	12	0.733	174.5	1954.41992	1989.11365	14.5	16.0	——
2996	14	53	41.57	23	20	42.7	0.82	270.76	9.5	Tcs	14	53	41	23	20	48	0.836	271.2	1950.35156	1991.36792	8.8	9.9	2017-00466-1
2997	14	53	51.47	23	33	20.9	0.72	278.45	11.7	T	14	53	52	23	33	30	0.692	278.7	1950.35156	1991.36792	11.4	13.4	2017-00588-3
2998	14	54	28.04	35	32	55.5	0.89	167.61	256.8		14	54	7	35	32	54	0.838	169.3	1956.42151	1992.41858	12.3	13.9	——
2999	14	54	53.48	09	56	36.5	0.51	217.95	9.5	T	14	54	54	09	56	42	0.514	216.8	1954.41992	1989.11365	11.8	13.2	0918-00229-1
3000	14	55	49.72	03	21	40.4	0.59	194.41	14.2		14	55	50	03	21	54	0.560	197.4	1955.37048	1994.41724	16.0	18.3	——
3001	14	56	27.28	17	54	58.8	0.95	299.32	4.2	d	14	56	27	17	55	0	0.993	299.5	1950.20667	1993.22034	14.6	16.5	——
3002	14	56	27.83	17	55	7.4	0.97	298.94	5.2	cd	14	56	28	17	55	12	0.993	299.5	1950.20667	1993.22034	17.5	21.0	——
3003	14	56	38.38	-28	09	49.7	0.99	206.71	5.3		14	56	38	-28	09	48	0.965	210.1	1979.31116	1994.36169	16.4	19.8	——
3004	14	56	53.76	26	56	20.9	0.45	293.32	10.5		14	56	53	26	56	18	0.510	295.2	1955.28308	1991.36792	16.1	17.6	——
3005	14	57	20.63	14	58	53.3	0.55	282.76	11.3		14	57	20	14	59	0	0.598	289.6	1950.20667	1991.37061	13.5	15.3	——
3006	14	57	53.89	56	39	23.2	0.78	155.34	13.4		14	57	53	56	39	12	0.683	156.7	1955.37341	1991.43896	14.8	16.5	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ^{b}	θ^{b}	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3007	14	58	6.57	29	37	28.3	0.64	165.13	5.8		14	58	7	29	37	30	0.627	167.0	1955.28308	1994.58411	15.6	15.5	——
3008	14	59	49.77	-22	00	45.8	0.75	228.33	4.9	Tcs	14	59	50	-22	00	42	0.759	229.5	1978.43701	1993.29858	8.6	9.2	6180-00564-1
3009	15	00	10.42	60	21	45.0	0.65	293.48	13.9		15	00	9	60	21	54	0.711	296.3	1955.37341	1995.15466	13.9	15.4	——
3010	15	00	26.97	00	31	17.2	0.69	203.81	5.2		15	00	27	00	31	12	0.673	211.1	1980.21765	1995.31323	16.7	18.5	——
3011	15	00	48.01	14	29	48.7	0.64	218.38	0.7		15	00	48	14	29	48	0.602	223.1	1950.20667	1991.37061	14.4	15.8	——
3012	15	01	10.85	07	09	47.1	0.47	257.38	7.2		15	01	11	07	09	54	0.502	259.6	1955.37048	1994.41724	11.7	13.0	——
3013	15	01	15.40	38	09	44.6	0.58	250.37	5.8		15	01	15	38	09	48	0.614	254.6	1956.42151	1994.51013	16.9	18.5	——
3014	15	01	17.87	16	36	46.9	0.65	224.06	2.2		15	01	18	16	36	48	0.642	225.9	1950.20667	1991.37061	15.2	16.7	——
3015	15	01	36.02	24	00	10.4	0.51	223.17	13.5		15	01	37	24	00	12	0.513	227.8	1950.35156	1991.36792	11.9	13.0	——
3016	15	03	14.37	35	12	45.2	1.01	174.99	8.2		15	03	15	35	12	48	0.972	176.0	1956.42151	1994.33777	13.8	15.6	——
3017	15	03	34.95	84	38	26.4	0.55	226.89	20.0		15	03	22	84	38	18	0.582	223.3	1955.22595	1997.11633	14.3	15.8	——
3018	15	04	18.50	60	23	4.5	0.68	285.12	8.3	T	15	04	19	60	23	12	0.685	285.8	1955.37341	1995.15466	11.1	12.8	4180-00321-1
3019	15	04	37.52	03	14	40.0	0.60	166.38	11.1		15	04	37	03	14	48	0.524	170.5	1955.37048	1994.41724	17.5	19.0	——
3020	15	04	53.58	05	38	15.2	0.79	228.72	9.1	cs	15	04	53	05	38	18	0.746	229.7	1955.37048	1994.41724	10.8	12.1	——
3021	15	04	54.55	-47	55	19.1	21.48	124.97	27.1	Bbi	15	04	56	-47	55	42	0.547	185.4	1988.43042	1989.58362	16.2	17.1	——
3022	15	04	58.33	-21	07	1.8	0.65	247.03	5.0		15	04	58	-21	07	0	0.696	250.5	1978.43701	1993.29858	13.1	15.2	——
3023	15	06	5.80	-15	00	11.7	0.48	216.11	6.4	Bb	15	06	6	-15	00	6	0.580	246.7	1982.52441	1987.41638	16.7	18.0	——
3024	15	07	42.72	08	47	49.1	0.09	200.61	86.6		15	07	47	08	48	48	0.514	263.4	1955.37061	1989.11365	8.3	8.9	——
3025	15	07	56.91	-08	27	15.2	0.48	178.48	62.8		15	07	57	-08	28	18	0.524	184.4	1982.54077	1996.22949	15.7	17.0	——
3026	15	09	04.21	24	00	57.7	0.50	288.68	3.6	T	15	09	4	24	01	0	0.538	288.8	1950.29688	1991.36792	9.5	10.7	2024-00528-1
3027	15	09	10.05	15	13	5.0	0.58	271.70	7.0	d	15	09	10	15	13	12	0.566	278.7	1950.29968	1991.37061	12.6	14.5	——
3028	15	09	11.65	15	13	19.8	0.57	272.02	6.6	d	15	09	12	15	13	24	0.566	278.7	1950.29968	1991.37061	16.1	17.5	——
3029	15	09	20.17	-19	57	44.5	0.57	241.74	12.0	T	15	09	21	-19	57	42	0.548	241.8	1978.43701	1993.29858	11.6	13.2	6177-00115-1
3030	15	09	35.59	03	10	0.6	0.77	308.75	113.7	H	15	09	28	03	10	0	0.735	311.1	1955.37891	1994.41724	11.5	—	7419——
3031	15	10	12.06	46	24	4.3	0.60	138.12	7.7		15	10	12	46	24	12	0.546	134.7	1953.20154	1994.42798	14.3	16.0	——
3032	15	10	56.77	-14	39	40.3	0.38	251.73	11.3	Bb	15	10	56	-14	39	42	0.590	265.3	1982.52441	1987.41638	14.5	16.4	——
3033	15	11	56.02	17	57	15.7	0.70	214.53	14.2		15	11	57	17	57	18	0.678	215.5	1950.29968	1993.22034	12.7	14.9	——
3034	15	12	32.43	06	01	44.3	0.80	214.31	21.4	H	15	12	31	06	01	42	0.839	213.6	1955.37891	1994.36255	12.5	—	74419
3035	15	12	38.27	45	43	45.1	0.49	310.39	13.6		15	12	37	45	43	48	0.539	311.0	1953.20154	1994.50745	12.6	14.7	——
3036	15	12	43.48	19	17	9.8	0.66	296.48	7.7	Tcds	15	12	44	19	17	12	0.661	295.2	1950.29968	1993.22034	6.7	7.5	1489-01252-1
3037	15	12	43.65	19	17	31.9	0.66	295.83	6.4	cds	15	12	44	19	17	36	0.661	295.2	1950.29968	1993.22034	8.1	9.0	——
3038	15	13	59.64	-03	47	52.8	0.75	281.58	12.0	Tbdm	15	13	59	-03	48	0	0.755	283.1	1981.33044	1989.56433	10.0	11.3	5009-00154-1
3039	15	13	59.64	-03	47	52.8	0.75	281.58	12.0	Tbdm	15	13	59	-03	48	0	0.755	283.1	1981.33044	1989.56433	10.0	11.3	5009-00154-1
3040	15	14	4.64	-28	30	30.0	0.57	221.37	10.3		15	14	4	-28	30	24	0.521	225.7	1975.30042	1990.55066	15.4	16.9	——
3041	15	14	9.42	00	13	23.5	0.73	223.87	8.7		15	14	10	00	13	24	0.715	225.8	1955.29956	1994.36511	16.3	17.4	——
3042	15	14	26.16	30	23	32.5	0.54	265.83	4.1		15	14	26	30	23	36	0.594	270.4	1954.48267	1987.30225	18.0	20.6	——
3043	15	14	26.03	-21	09	57.6	0.67	238.81	2.4		15	14	26	-21	10	0	0.692	244.5	1978.43701	1993.29858	14.8	16.8	——
3044	15	14	46.86	64	33	43.0	0.54	312.79	19.1		15	14	44	64	33	48	0.547	313.1	1955.37354	1994.44177	14.0	15.7	——
3045	15	14	54.42	-31	50	16.1	1.01	212.08	6.8		15	14	54	-31	50	12	0.929	217.3	1975.30042	1990.55066	14.4	15.8	——
3046	15	15	38.31	19	11	40.5	0.97	171.94	25.9		15	15	38	19	12	6	0.935	172.3	1950.29968	1993.22034	12.9	14.8	——
3047	15	16	57.04	-29	47	5.1	0.34	184.28	39.6	c	15	16	54	-29	47	6	0.932	248.5	1975.30042	1990.55066	15.2	16.7	——
3048	15	16	57.81	-01	15	31.2	0.64	265.00	3.1		15	16	58	-01	15	30	0.636	267.5	1955.29956	1994.36511	14.6	15.9	——
3049	15	17	14.53	-06	19	52.5	0.61	243.05	8.0	b	15	17	14	-06	19	54	0.658	248.0	1981.33044	1989.56433	13.2	15.4	——
3050	15	17	25.04	-25	04	45.2	0.76	183.22	2.9		15	17	25	-25	04	48	0.695	190.1	1976.38684	1991.28772	14.1	15.6	——
3051	15	17	39.38	36	31	32.5	0.58	293.12	5.8		15	17	39	36	31	36	0.578	294.0	1950.36536	1994.33777	12.6	14.4	——
3052	15	18	26.65	31	37	4.4	0.78	216.18	4.8		15	18	27	31	37	6	0.784	218.9	1954.48267	1987.30225	13.7	15.0	——
3053	15	18	39.55	-18	37	35.7	0.58	128.14	24.0	T	15	18	41	-18	37	48	0.567	131.8	1979.18286	1993.38904	10.6	11.9	6174-00030-1
3054	15	18	59.06	25	41	30.2	0.57	257.77	0.8	Tdms	15	18	59	25	41	30	0.586	256.9	1950.29688	1987.31885	8.1	8.9	2028-00504-1
3055	15	18	58.99	25	41	29.5	0.59	255.24	5.5	dms	15	18	59	25	41	24	0.586	256.9	1950.29688	1987.31885	14.4	—	——

Table 2—Continued

LHS No.	New data RA (J2000.0)[a]	Dec (J2000.0)[a]	μ[b]	θ[b]	Dist.[c]	Com.[d]	Luyten's original data RA (J2000.0)	Dec (J2000.0)	μ	θ	Epoch POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3056	15 19 11.83	-12 45 8.1	0.68	245.66	4.7		15 19 12	-12 45 12	0.724	253.5	1982.30579	1991.29858	12.5	13.8	——
3057	15 19 18.86	67 51 16.7	0.60	311.44	12.8		15 19 17	67 51 24	0.611	310.2	1955.37354	1991.43628	13.5	15.0	——
3058	15 19 17.39	23 04 13.7	0.51	285.72	5.7		15 19 17	23 04 12	0.560	288.3	1950.29688	1987.31885	13.6	15.2	——
3059	15 19 18.80	01 45 55.5	0.64	143.95	5.4	Tcdms	15 19 19	01 46 0	0.639	144.2	1979.54346	1994.36511	5.1	5.7	0336-01027-1
3060	15 19 18.86	01 45 53.2	0.68	143.09	18.9	cdms	15 19 19	01 46 12	0.639	144.2	1979.54346	1994.36511	9.4	10.7	——
3061	15 20 29.53	14 34 38.2	0.56	221.59	8.6		15 20 29	14 34 42	0.559	223.0	1950.29968	1992.48962	18.8	21.0	——
3062	15 20 59.05	-13 10 44.3	0.65	247.52	14.4	Tb	15 21 0	-13 10 48	0.662	247.1	1982.30579	1991.29858	11.6	12.8	5606-00069-1
3063	15 21 51.84	30 48 24.4	0.48	309.80	10.8		15 21 51	30 48 24	0.543	305.2	1954.48267	1987.30225	16.2	17.7	——
3064	15 22 13.10	-27 49 43.9	0.74	41.12	12.1		15 22 14	-27 49 42	0.745	35.4	1975.30042	1990.55066	13.1	14.9	——
3065	15 22 21.23	11 19 16.1	0.54	195.69	3.9		15 22 21	11 19 18	0.541	194.0	1955.37061	1996.23596	15.7	17.2	——
3066	15 22 41.42	58 53 19.8	0.46	316.19	62.5		15 22 35	58 52 42	0.542	311.2	1953.45276	1995.15466	15.6	17.3	——
3067	15 22 42.73	01 25 3.5	0.49	204.91	20.9	cs	15 22 44	01 25 12	0.525	223.0	1979.54346	1994.36511	8.6	9.9	——
3068	15 23 44.51	17 59 7.4	0.60	163.14	7.4		15 23 44	17 59 6	0.563	165.9	1950.29968	1992.49231	13.8	15.7	——
3069	15 24 14.55	49 14 54.1	0.58	174.25	15.2		15 24 13	49 14 54	0.540	175.4	1953.20154	1991.28052	15.3	16.6	——
3070	15 24 18.29	-01 23 20.6	0.43	215.14	5.5		15 24 18	-01 23 24	0.537	223.9	1979.54346	1994.36511	13.6	14.9	——
3071	15 25 58.50	-26 42 20.8	0.82	269.38	47.0	Tcs	15 26 2	-26 42 24	0.795	268.0	1976.38684	1991.28772	8.9	10.2	6771-01122-1
3072	15 28 11.61	-08 27 16.0	0.55	192.67	9.9	Bb	15 28 11	-08 27 12	0.501	210.9	1981.33594	1991.21094	15.5	17.0	——
3073	15 28 14.06	16 43 9.6	0.89	261.49	3.6		15 28 14	16 43 6	0.926	264.2	1950.29968	1992.48962	13.3	14.7	——
3074	15 29 12.53	-73 52 55.4	0.68	244.30	86.2		15 28 53	-73 53 24	0.655	250.7	1976.23694	1994.21643	11.4	12.9	——
3075	15 29 44.03	42 52 47.2	0.79	145.82	0.8		15 29 44	42 52 48	0.698	146.4	1955.24768	1994.50745	12.9	14.5	——
3076	15 30 7.12	-07 50 57.9	0.57	209.48	17.1	bd	15 30 6	-07 50 54	0.589	213.8	1981.33594	1991.21094	13.7	15.5	——
3077	15 30 7.42	-07 51 7.0	0.58	204.97	21.1	bcd	15 30 6	-07 51 6	0.589	213.8	1981.33594	1991.21094	14.5	16.5	——
3078	15 30 31.00	07 17 54.0	0.51	258.10	—	N	15 30 31	07 17 54	0.508	258.1	1955.37891	1994.36255	10.9	12.0	——
3079	15 31 38.40	-26 54 8.3	0.58	214.38	76.1		15 31 39	-26 55 24	0.575	219.8	1976.38684	1991.28772	13.9	15.2	——
3080	15 31 54.32	28 51 8.0	0.50	267.91	4.7		15 31 54	28 51 6	0.579	274.7	1950.37622	1987.30225	13.3	15.1	——
3081	15 33 19.98	-27 23 17.4	0.55	229.97	13.6		15 33 21	-27 23 18	0.609	243.9	1976.38684	1991.28772	13.6	14.9	——
3082	15 34 10.54	55 50 45.1	0.48	178.80	4.8		15 34 11	55 50 48	0.505	183.8	1954.48828	1991.29688	15.5	16.8	——
3083	15 34 30.60	14 16 17.2	0.67	259.82	20.4		15 34 32	14 16 18	0.697	257.7	1950.43909	1992.47046	12.9	14.6	——
3084	15 34 40.25	02 12 13.3	0.98	196.74	28.9		15 34 40	02 12 42	0.924	204.6	1982.52161	1993.45264	12.3	13.9	——
3085	15 34 43.09	45 49 24.6	0.68	214.01	5.5		15 34 43	45 49 30	0.644	216.8	1953.20154	1994.50745	17.5	19.0	——
3086	15 34 49.67	-07 24 18.0	0.85	212.27	4.9	Bb	15 34 50	-07 24 18	0.595	232.8	1983.34692	1990.32874	13.3	15.6	——
3087	15 34 43.29	46 49 20.1	0.49	293.76	99.7	cd	15 34 53	46 49 24	0.512	295.2	1953.20154	1994.50745	16.7	18.2	——
3088	15 34 51.27	46 49 47.8	0.49	294.23	100.0	d	15 35 1	46 49 54	0.512	295.2	1953.20154	1994.50745	17.7	18.6	——
3089	15 35 5.19	62 54 55.1	0.63	252.85	67.3		15 35 6	62 53 48	0.671	255.5	1955.37354	1994.44177	14.1	15.6	——
3090	15 35 11.84	26 03 13.2	0.61	211.18	5.3		15 35 12	26 03 18	0.633	213.9	1954.50183	1987.31885	17.6	19.1	——
3091	15 35 46.13	22 09 1.5	0.74	256.28	4.9		15 35 46	22 09 6	0.743	260.7	1954.50183	1992.49231	12.6	13.9	——
3092	15 36 34.52	-37 54 25.2	1.38	177.29	31.7	Bb	15 36 35	-37 53 54	0.892	201.7	1988.30237	1990.32324	12.7	13.8	——
3093	15 36 58.66	-14 08 3.1	0.90	205.52	10.1	Bb	15 36 58	-14 08 0	0.774	216.2	1982.54895	1988.59021	12.1	13.6	——
3094	15 37 0.32	35 02 7.0	0.58	171.07	4.1		15 37 0	35 02 6	0.582	173.2	1950.36536	1994.44458	15.0	16.1	——
3095	15 37 14.09	61 25 5.3	0.51	268.31	44.2		15 37 8	61 25 12	0.544	271.3	1953.45276	1994.42554	17.2	18.8	——
3096	15 37 15.07	45 11 45.0	0.63	172.76	10.3		15 37 16	45 11 48	0.570	178.1	1953.20154	1994.50745	17.2	19.5	——
3097	15 38 02.35	-21 19 9.0	0.59	188.26	27.5	H	15 38 4	-21 19 24	0.583	185.3	1976.40857	1991.60828	11.3	—	7655——
3098	15 39 41.59	03 12 50.5	0.60	204.17	6.6		15 39 42	03 12 48	0.614	212.1	1954.41711	1993.24768	17.0	18.3	——
3099	15 40 41.99	26 58 10.8	0.77	257.81	7.2		15 40 42	26 58 18	0.780	261.4	1950.37622	1992.48682	16.7	19.2	——
3100	15 41 7.26	-63 43 54.0	0.53	217.40	6.2	P	15 41 7	-63 44 0	0.530	217.4	1976.25598	——	14.0	15.5	——
3101	15 41 19.49	13 49 27.5	0.57	197.05	11.1	dm	15 41 19	13 49 36	0.538	201.1	1950.43909	1992.47046	15.0	16.1	——
3102	15 41 19.49	13 49 27.5	0.57	197.02	11.1	dm	15 41 19	13 49 36	0.538	201.1	1950.43909	1992.47046	16.3	17.6	——
3103	15 41 28.96	68 25 8.0	0.95	297.07	22.2		15 41 25	68 25 12	0.973	295.9	1955.37354	1991.43628	14.6	16.1	——
3104	15 42 29.96	-03 15 53.5	0.31	255.65	5.5		15 42 30	-03 15 48	0.538	259.4	1983.34692	1993.45264	16.5	19.2	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3105	15	42	40.14	61	30	24.2	0.57	322.61	6.2		15	42	41	61	30	24	0.585	318.9	1953.45276	1994.42554	13.7	15.2	——
3106	15	42	42.76	-33	09	43.0	0.42	262.37	10.8	cm	15	42	42	-33	09	48	0.597	247.4	1974.47241	1990.32324	17.6	21.0	——
3107	15	43	3.76	-17	19	55.5	0.58	179.60	11.0	Bb	15	43	3	-17	19	54	0.515	196.9	1982.54895	1988.59021	14.8	16.5	——
3108	15	43	14.95	-29	32	20.6	0.51	225.65	13.9		15	43	16	-29	32	18	0.505	235.6	1976.47937	1992.27051	14.9	16.4	——
3109	15	43	19.57	-30	55	51.1	0.54	214.10	18.6		15	43	21	-30	55	54	0.504	226.5	1976.47937	1992.27051	12.8	14.3	——
3110	15	45	29.00	-13	49	18.4	0.68	169.91	0.4	Bb	15	45	29	-13	49	18	0.507	195.2	1982.54895	1988.59021	12.0	13.1	——
3111	15	45	30.46	43	50	52.4	0.72	174.99	9.0		15	45	30	43	51	0	0.667	179.3	1955.24768	1989.18481	16.3	19.2	——
3112	15	45	54.52	-04	48	23.4	0.61	241.60	7.2	P	15	45	55	-04	48	24	0.609	241.6	1983.34692	——	15.4	16.7	——
3113	15	46	23.64	07	23	42.5	0.78	196.38	8.4		15	46	24	07	23	36	0.733	200.0	1954.41711	1989.26135	15.2	16.3	——
3114	15	46	31.00	-47	14	24.0	0.59	223.40	—	NPW	15	46	31	-47	14	24	0.589	223.4	1987.27039	——	10.8	12.3	——
3115	15	47	6.45	-13	36	16.0	0.59	198.28	21.2	Bb	15	47	5	-13	36	18	0.534	220.8	1982.54895	1988.59021	10.8	12.2	——
3116	15	47	21.22	01	29	29.6	0.68	159.42	3.3		15	47	21	01	29	30	0.685	174.1	1982.52161	1993.45264	16.2	18.4	——
3117	15	47	24.62	-10	53	47.5	0.52	225.49	5.6	TBb	15	47	25	-10	53	48	0.505	228.8	1982.55164	1990.32874	11.2	13.7	5601-00362-1
3118	15	47	58.30	-09	02	50.9	0.49	233.28	5.3	Bb	15	47	58	-09	02	48	0.548	238.6	1982.55164	1990.32874	15.7	17.4	——
3119	15	48	3.23	-58	11	12.8	0.59	245.10	41.9	2?	15	47	58	-58	11	6	0.594	245.1	1988.30237	1992.55188	12.8	14.3	——
3120	15	48	15.37	-30	17	9.5	0.72	199.88	21.2		15	48	17	-30	17	12	0.687	209.9	1976.47937	1992.27051	13.0	14.3	——
3121	15	48	42.21	26	57	47.8	0.62	280.96	2.8		15	48	42	26	57	48	0.647	282.5	1950.37622	1992.48682	16.9	19.7	——
3122	15	49	38.38	34	48	55.9	0.92	316.97	5.0		15	49	38	34	48	54	0.937	317.4	1950.28052	1994.44458	12.3	14.3	——
3123	15	49	36.85	00	17	47.6	0.61	216.50	17.2		15	49	38	00	17	48	0.602	217.2	1950.46106	1993.45264	12.1	13.7	——
3124	15	51	21.91	29	31	5.5	0.50	203.34	11.9		15	51	21	29	31	6	0.501	206.4	1950.37622	1989.17932	12.3	13.6	——
3125	15	51	42.83	42	08	38.1	0.64	249.51	10.0		15	51	42	42	08	42	0.619	254.1	1955.22864	1991.27234	16.8	18.5	——
3126	15	52	37.86	33	15	30.7	0.50	298.88	10.8		15	52	37	33	15	30	0.511	303.2	1950.28052	1994.36792	15.0	17.5	——
3127	15	52	40.54	42	27	5.5	0.77	34.94	6.0	Tcs	15	52	40	42	27	6	0.766	34.6	1955.22864	1989.18481	4.7	5.3	3057-02021-1
3128	15	52	56.55	13	56	27.9	0.50	283.97	7.6		15	52	57	13	56	24	0.506	282.3	1950.43909	1994.43652	13.9	15.4	——
3129	15	53	6.46	34	45	13.1	0.59	151.39	5.8	d	15	53	6	34	45	12	0.569	151.7	1950.28052	1994.36792	11.6	13.1	——
3130	15	53	6.74	34	44	46.9	0.60	151.69	10.4	d	15	53	6	34	44	42	0.569	151.7	1950.28052	1994.36792	12.3	14.6	——
3131	15	53	12.09	13	11	47.9	0.58	194.98	53.9	Tcs	15	53	12	13	10	54	0.584	195.0	1950.43909	1994.43652	6.1	6.8	0955-01148-1
3132	15	55	5.29	33	50	50.1	0.68	139.42	5.3		15	55	5	33	50	54	0.643	139.0	1950.28052	1994.36792	15.0	17.3	——
3133	15	55	56.40	73	13	38.0	0.87	302.06	52.0		15	55	50	73	12	54	0.862	301.8	1953.45007	1994.43909	16.1	17.7	——
3134	15	56	45.58	-09	05	49.8	0.82	190.00	8.8	P	15	56	45	-09	05	48	0.816	190.0	1982.60376	——	15.8	17.5	——
3135	15	57	12.56	-61	28	55.5	0.80	181.80	59.8	P	15	57	5	-61	28	30	0.797	181.8	1988.30237	——	15.1	16.6	——
3136	15	57	59.86	20	35	50.9	0.54	162.10	9.1	P	15	58	0	20	35	42	0.543	162.1	1950.36816	——	13.6	15.4	——
3137	15	58	5.63	39	02	12.3	0.84	163.49	7.7		15	58	6	39	02	6	0.700	167.3	1955.22864	1991.27234	14.4	16.2	——
3138	15	58	32.03	27	44	24.0	0.83	290.78	6.0	Tcs	15	58	32	27	44	30	0.820	291.7	1950.43091	1989.33496	8.1	9.0	2040-01734-1
3139	15	58	53.98	58	19	10.6	0.99	216.27	16.3		15	58	52	58	19	6	0.943	215.7	1954.49097	1994.42554	14.9	16.4	——
3140	15	59	29.29	23	21	39.0	0.61	328.71	10.2		15	59	30	23	21	42	0.615	328.2	1950.36816	1996.52808	14.9	16.5	——
3141	15	59	38.83	-22	25	44.6	0.67	154.66	26.8		15	59	37	-22	25	36	0.552	157.2	1976.49304	1991.22192	13.6	15.5	——
3142	15	59	50.95	14	59	47.0	0.89	209.51	7.1		15	59	51	14	59	54	0.846	209.5	1950.29443	1994.43652	13.1	14.7	——
3143	16	00	19.60	-16	32	0.0	0.74	237.87	42.4	Tcs	16	00	20	-16	32	42	0.745	237.0	1983.52185	1992.42627	5.5	6.1	6200-01429-1
3144	16	00	27.82	-34	43	17.9	0.92	251.65	22.4		16	00	26	-34	43	18	0.955	253.4	1975.34412	1989.56714	13.7	15.2	——
3145	16	01	02.66	33	18	12.6	0.80	194.43	6.9	Tcs	16	01	3	33	18	18	0.798	193.8	1950.28052	1994.36792	5.5	6.1	2576-02228-1
3146	16	01	23.28	36	48	33.2	0.58	167.35	15.7		16	01	22	36	48	30	0.570	169.1	1950.28052	1994.36792	14.2	14.3	——
3147	16	02	23.73	-25	05	59.1	0.69	185.74	3.8		16	02	24	-25	06	0	0.650	200.8	1976.41125	1991.22742	12.6	14.1	——
3148	16	04	03.68	25	15	17.3	0.87	322.04	4.4	Tcs	16	04	4	25	15	18	0.855	321.2	1950.36816	1996.52808	7.2	8.1	2038-00982-1
3149	16	04	20.05	-06	16	46.6	1.16	171.36	1.6	Bb	16	04	20	-06	16	48	0.854	184.0	1983.42615	1986.44653	14.7	16.6	——
3150	16	04	50.95	39	09	35.0	0.54	273.11	12.2		16	04	50	39	09	30	0.624	274.5	1955.22864	1991.27234	13.0	15.1	——
3151	16	04	53.59	00	55	13.6	0.64	273.89	21.6		16	04	55	00	55	18	0.755	266.6	1982.33057	1992.42419	16.8	17.4	——
3152	16	04	56.79	39	09	23.4	0.57	275.22	2.5	Tcs	16	04	57	39	09	24	0.574	274.7	1955.22864	1991.27234	6.7	7.6	3061-01027-1
3153	16	06	29.60	38	37	56.1	0.58	156.68	50.3	Tcs	16	06	30	38	37	6	0.596	156.1	1955.22864	1991.27234	8.7	9.8	3061-00735-1

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3154	16	06	33.89	40	54	21.2	0.71	281.75	10.6		16	06	33	40	54	18	0.789	280.5	1955.22864	1991.27234	16.4	18.5	——
3155	16	06	42.04	34	37	27.9	0.62	159.27	13.0	T	16	06	41	34	37	30	0.622	153.6	1950.28052	1994.36792	10.5	11.9	2576-00753-1
3156	16	06	41.21	08	23	18.1	0.50	279.21	6.9	T	16	06	41	08	23	12	0.503	279.4	1954.39539	1989.26672	11.7	14.3	0945-00285-1
3157	16	06	58.38	-61	30	57.9	0.66	212.50	52.8	P	16	06	51	-61	31	0	0.662	212.5	1988.30237	——	15.4	16.5	——
3158	16	07	13.65	26	50	17.0	0.59	141.00	8.8		16	07	13	26	50	18	0.564	140.3	1950.43091	1996.52808	12.3	14.0	——
3159	16	09	6.73	71	13	36.3	0.43	323.03	72.2		16	09	5	71	14	48	0.502	320.8	1953.45007	1992.27710	15.5	17.0	——
3160	16	09	6.98	-09	22	16.8	0.68	255.50	4.8	P	16	09	7	-09	22	12	0.682	255.5	1982.60376	——	16.1	17.6	——
3161	16	09	11.21	06	22	43.3	0.78	161.72	43.4	Tcs	16	09	11	06	22	0	0.780	162.2	1954.39539	1994.33789	6.1	7.2	0379-01509-1
3162	16	10	36.34	09	47	14.1	0.62	176.65	5.5		16	10	36	09	47	12	0.592	179.0	1950.52661	1989.26672	15.3	16.8	——
3163	16	11	25.66	13	22	17.2	0.56	176.96	9.6		16	11	25	13	22	18	0.541	181.1	1950.52661	1994.43652	15.0	14.7	——
3164	16	12	11.66	05	29	29.1	0.73	209.69	8.6	T	16	12	12	05	29	36	0.715	209.4	1954.39539	1994.33789	11.8	12.8	0375-00228-1
3165	16	12	7.18	-40	48	47.3	0.51	204.01	55.9		16	12	12	-40	48	36	0.501	207.8	1975.42065	1993.24658	14.6	—	——
3166	16	12	29.50	45	23	49.4	0.55	330.13	20.1		16	12	30	45	23	30	0.588	325.5	1955.29980	1991.43091	12.5	14.1	——
3167	16	13	5.87	-70	09	11.6	0.80	198.56	22.0		16	13	10	-70	09	18	0.643	203.3	1976.25061	1993.30139	13.9	15.2	——
3168	16	13	51.89	-04	30	28.7	0.68	176.23	5.0	Bb	16	13	52	-04	30	24	0.500	222.8	1982.54089	1985.43835	18.0	20.7	——
3169	16	14	22.05	-28	30	38.2	0.52	221.42	14.2		16	14	22	-28	30	24	0.520	224.7	1977.52173	1992.24585	14.0	14.6	——
3170	16	15	3.32	37	22	36.2	0.53	244.61	16.9		16	15	2	37	22	30	0.559	251.8	1954.48560	1991.28333	17.6	20.7	——
3171	16	15	37.27	-08	22	10.0	0.55	154.96	5.7	TPWc	16	15	37	-08	22	6	0.557	155.6	1983.45081	——	5.6	6.3	5613-01378-1
3172	16	15	57.20	07	21	22.1	0.60	156.73	8.4	cs	16	15	57	07	21	30	0.500	160.8	1954.39539	1993.38989	8.4	9.8	——
3173	16	16	31.71	07	25	58.1	0.52	152.96	10.7		16	16	31	07	26	0	0.505	159.1	1954.39539	1987.49097	16.3	18.1	——
3174	16	16	33.41	-01	37	32.2	0.78	206.90	6.5	P	16	16	33	-01	37	30	0.778	206.9	1980.23157	——	15.7	16.8	——
3175	16	16	42.76	67	14	19.8	0.50	279.63	2.3	Tds	16	16	43	67	14	18	0.522	278.6	1955.31079	1994.41455	8.8	10.3	4195-00721-1
3176	16	16	45.46	67	15	21.4	0.47	278.55	4.3		16	16	45	67	15	18	0.522	278.6	1955.31079	1994.41455	11.1	12.7	——
3177	16	17	45.81	01	36	47.6	0.49	197.76	6.3		16	17	46	01	36	42	0.562	212.8	1980.23157	1994.42822	14.5	15.6	——
3178	16	17	50.56	19	05	36.2	0.62	221.68	7.9		16	17	50	19	05	36	0.676	228.5	1950.29443	1987.30518	18.0	20.7	——
3179	16	19	7.92	-11	09	20.0	0.57	199.90	15.8	P	16	19	7	-11	09	12	0.567	199.9	1983.45081	——	16.6	18.4	——
3180	16	19	50.61	-05	48	5.9	0.94	178.57	5.8	Bb	16	19	51	-05	48	6	0.632	208.0	1982.54089	1985.43835	16.1	17.6	——
3181	16	20	14.74	-01	16	40.2	0.56	187.00	4.3	P	16	20	15	-01	16	42	0.555	187.0	1980.23157	——	16.3	18.3	——
3182	16	20	18.00	-48	13	33.2	0.87	207.40	17.9	PW	16	20	17	-48	13	48	0.870	207.4	1988.39526	——	9.3	9.9	——
3183	16	20	40.60	-17	38	58.8	0.57	214.50	5.8	H	16	20	41	-17	39	0	0.549	213.8	1979.62024	1991.22192	11.5	—	80083
3184	16	21	11.23	-71	17	15.2	0.73	223.55	27.9		16	21	17	-71	17	12	0.659	229.6	1976.25061	1993.30139	10.2	10.8	——
3185	16	22	43.00	-48	40	6.0	0.76	231.60	—	2N	16	22	43	-48	40	6	0.763	231.6	1988.39526	——	11.5	13.2	——
3186	16	23	7.70	-24	42	35.8	0.79	204.08	58.9		16	23	6	-24	43	30	0.735	206.6	1978.57629	1993.24109	10.6	12.2	——
3187	16	23	21.95	-03	48	39.4	0.44	201.23	20.6	Bbc	16	23	22	-03	49	0	0.601	241.6	1982.54089	1985.43835	16.0	17.5	——
3188	16	24	15.00	-46	43	48.0	0.90	214.60	—	2N	16	24	15	-46	43	48	0.901	214.6	1975.43433	——	12.1	13.6	——
3189	16	24	33.91	39	51	47.6	0.73	252.71	6.5		16	24	34	39	51	54	0.700	255.5	1953.37915	1993.32703	17.0	18.7	——
3190	16	24	55.88	00	56	22.8	0.64	174.06	2.2	b	16	24	56	00	56	24	0.551	196.0	1980.23157	1994.42822	14.7	16.8	——
3191	16	25	13.01	-21	56	14.6	0.66	239.20	3.5	T	16	25	13	-21	56	18	0.640	240.7	1979.62024	1993.24109	10.7	12.9	6215-01468-1
3192	16	25	29.90	26	58	23.1	0.95	229.86	17.2	d	16	25	30	26	58	6	0.929	230.8	1954.48560	1993.52380	14.0	16.1	——
3193	16	25	34.77	26	57	32.9	0.94	227.77	18.1	d	16	25	34	26	57	18	0.929	230.8	1954.48560	1993.52380	12.9	14.2	——
3194	16	26	17.58	02	10	42.9	0.59	166.02	6.4	dm	16	26	18	02	10	42	0.517	169.1	1980.23157	1994.42822	10.7	11.8	——
3195	16	26	17.58	02	10	42.9	0.59	166.06	8.1	dm	16	26	18	02	10	48	0.517	169.1	1980.23157	1994.42822	17.0	18.5	——
3196	16	26	19.86	36	40	53.8	0.84	348.26	10.3		16	26	19	36	40	54	0.879	347.5	1954.48560	1991.28333	15.5	17.4	——
3197	16	26	48.11	-17	23	34.1	0.52	219.50	16.4	P	16	26	47	-17	23	30	0.519	219.5	1983.49707	——	12.9	15.5	——
3198	16	27	40.31	29	27	13.9	0.58	193.38	4.5		16	27	40	29	27	12	0.547	198.9	1954.48560	1989.34863	15.3	16.8	——
3199	16	28	16.87	44	40	38.4	0.74	201.23	8.5	T	16	28	17	44	40	30	0.737	200.3	1955.24512	1991.43091	11.2	12.1	3069-00396-1
3200	16	28	25.08	36	46	14.3	0.85	326.52	13.2		16	28	24	36	46	12	0.864	326.4	1954.48560	1991.28333	13.8	14.1	——
3201	16	28	26.55	31	57	29.6	0.51	247.10	5.7		16	28	27	31	57	30	0.526	250.5	1954.48560	1989.34863	13.4	14.7	——
3202	16	28	35.95	03	15	10.6	0.53	181.38	1.6	Tcs	16	28	36	03	15	12	0.544	178.4	1950.29712	1993.38989	8.9	9.8	0373-00816-1

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ^{b}	θ^{b}	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3203	16	28	52.71	18	24	50.1	0.51	318.43	5.7	Tcdms	16	28	53	18	24	54	0.509	319.9	1950.20679	1991.43359	7.7	8.7	1510-00051-1
3204	16	28	52.71	18	24	50.1	0.51	318.43	5.7	Tcdms	16	28	53	18	24	54	0.509	319.9	1950.20679	1991.43359	7.7	8.7	1510-00051-1
3205	16	30	13.20	-14	39	50.6	0.35	202.85	27.8	Bb	16	30	15	-14	40	0	0.539	243.5	1983.49707	1988.52734	13.1	14.2	——
3206	16	30	22.16	-42	04	41.4	0.59	220.50	85.7	P	16	30	27	-42	05	48	0.591	220.5	1987.38525	——	14.4	15.7	——
3207	16	30	36.39	-10	11	49.5	0.83	249.50	6.0	P	16	30	36	-10	11	48	0.826	249.5	1983.45081	——	15.0	16.3	——
3208	16	30	51.30	58	59	40.8	0.50	283.76	2.6		16	30	51	58	59	42	0.532	286.0	1954.49097	1996.51709	15.7	17.0	——
3209	16	31	30.03	-39	00	44.1	0.54	232.66	8.1	TP	16	31	30	-39	00	36	0.532	231.0	1987.38525	——	7.4	8.4	7854-02048-1
3210	16	31	35.12	17	33	47.5	0.89	200.30	1.8		16	31	35	17	33	48	0.886	202.7	1950.20679	1991.43359	12.3	13.6	——
3211	16	31	58.65	19	50	32.6	0.72	226.68	9.8		16	31	58	19	50	36	0.740	229.6	1950.20679	1991.43359	15.1	16.8	——
3212	16	32	15.03	61	49	31.4	0.55	279.29	19.6		16	32	13	61	49	18	0.540	276.3	1955.32178	1996.51709	14.9	16.4	——
3213	16	32	45.20	12	36	46.0	0.78	259.71	3.6	H	16	32	45	12	36	48	0.788	260.2	1955.23413	1989.25598	12.2	—	81018
3214	16	34	13.86	54	23	39.2	0.56	337.09	9.3		16	34	14	54	23	30	0.569	337.5	1954.49109	1991.50464	11.2	12.3	——
3215	16	34	42.36	-04	13	44.6	0.71	190.78	10.1	TBbd	16	34	42	-04	13	36	0.704	193.3	1984.24243	1985.54797	9.7	10.5	5056-00892-1
3216	16	34	47.00	-53	35	30.0	0.67	195.40	—	2N	16	34	47	-53	35	30	0.671	195.4	1987.29529	——	12.1	13.6	——
3217	16	34	53.13	06	07	8.8	0.56	171.91	9.4		16	34	53	06	07	18	0.504	166.1	1950.29712	1993.52930	16.3	17.8	——
3218	16	35	24.71	-27	18	56.5	0.99	179.82	44.7		16	35	25	-27	18	12	0.924	179.7	1978.57629	1993.24109	13.3	15.0	——
3219	16	35	29.11	-03	57	58.6	1.32	154.53	2.2	Bbd	16	35	29	-03	58	0	0.704	193.3	1984.24243	1985.54797	13.2	14.3	——
3220	16	35	35.66	-13	41	39.1	0.73	196.25	5.9	b	16	35	36	-13	41	36	0.672	208.5	1979.47815	1988.52734	14.6	15.5	——
3221	16	36	5.74	08	48	47.5	0.54	246.40	6.7		16	36	6	08	48	42	0.557	254.1	1955.23413	1992.42969	13.3	14.8	——
3222	16	36	14.08	-15	10	11.9	0.60	253.02	16.8	Tb	16	36	13	-15	10	18	0.581	254.9	1979.47815	1988.52734	10.4	11.7	6216-00914-1
3223	16	36	27.64	-49	18	36.6	0.60	184.80	94.6	P	16	36	19	-49	17	54	0.599	184.8	1988.39526	——	12.8	13.9	——
3224	16	36	21.45	-02	19	28.5	0.55	124.10	8.1	Tcs	16	36	21	-02	19	24	0.551	124.8	1950.44739	1988.60657	5.9	6.8	5052-00996-1
3225	16	36	21.02	10	00	6.1	0.59	190.75	15.6		16	36	22	10	00	12	0.534	194.5	1955.23413	1992.42969	11.9	13.0	——
3226	16	36	49.25	31	05	48.6	0.60	138.78	3.3		16	36	49	31	05	48	0.596	143.8	1954.48560	1989.34863	10.0	11.3	——
3227	16	37	1.50	35	35	43.1	0.57	197.91	6.2		16	37	1	35	35	42	0.526	199.9	1954.48560	1991.28333	16.0	17.8	——
3228	16	37	36.11	-40	53	17.1	0.54	224.33	27.9	TP	16	37	35	-40	53	42	0.541	224.5	1987.38525	——	9.1	10.3	7858-01813-1
3229	16	37	42.37	-17	05	1.4	0.50	227.45	5.5	Bb	16	37	42	-17	05	0	0.545	243.5	1979.47815	1988.52734	14.6	16.5	——
3230	16	38	54.54	05	40	40.1	0.54	212.11	9.1		16	38	54	05	40	36	0.527	214.7	1950.29712	1993.52930	15.6	15.8	——
3231	16	39	28.00	80	38	44.0	0.48	338.35	99.0		16	38	57	80	39	48	0.502	336.2	1955.38184	1996.53333	18.3	17.9	——
3232	16	39	0.05	20	10	53.3	0.64	196.41	5.3		16	39	0	20	10	48	0.675	200.8	1950.20679	1991.43359	16.7	18.2	——
3233	16	40	45.27	-45	59	58.8	0.54	137.90	52.9	P	16	40	50	-46	00	18	0.536	137.9	1976.33240	——	13.8	14.4	——
3234	16	41	17.17	31	36	6.9	0.61	309.42	5.5	cs	16	41	17	31	36	12	0.606	309.2	1954.48560	1989.34863	2.9	3.5	——
3235	16	41	26.00	-43	59	42.0	0.61	219.40	—	2N	16	41	26	-43	59	42	0.614	219.4	1976.33240	——	11.3	13.1	——
3236	16	41	36.70	15	12	36.4	0.74	174.40	7.1		16	41	37	15	12	42	0.673	178.8	1950.20679	1989.25598	15.6	15.5	——
3237	16	42	6.10	-17	09	58.9	0.58	200.80	5.1	B	16	42	6	-17	09	54	0.528	214.6	1979.47815	1988.52734	14.8	16.4	——
3238	16	42	38.58	68	06	7.8	0.51	326.54	3.0	Tcs	16	42	39	68	06	6	0.511	325.3	1955.31079	1992.27710	7.6	8.5	4420-02766-1
3239	16	45	45.15	28	47	3.4	0.66	192.11	15.3		16	45	44	28	47	6	0.654	196.8	1954.48560	1989.33240	15.0	16.6	——
3240	16	46	13.83	16	28	39.7	0.60	213.11	247.0		16	46	31	16	28	42	0.585	206.4	1950.37915	1989.25598	11.2	13.5	——
3241	16	46	31.57	34	34	54.1	0.56	222.19	7.9		16	46	32	34	35	0	0.534	223.6	1954.40088	1993.32166	15.7	17.6	——
3242	16	48	24.48	-72	58	33.9	0.72	221.86	87.4	T	16	48	12	-72	59	42	0.701	226.7	1976.24524	1991.28772	11.5	13.4	9283-02637-1
3243	16	49	32.26	-14	56	22.9	0.54	217.91	6.2	b	16	49	32	-14	56	18	0.572	232.5	1979.47815	1988.52734	14.4	15.7	——
3244	16	50	09.81	-34	17	35.6	0.66	247.40	6.1	TPW	16	50	10	-34	17	30	0.666	246.8	1988.30725	——	2.4	3.8	7367-00804-1
3245	16	50	44.31	-32	49	24.1	0.53	193.80	68.6	P	16	50	40	-32	50	6	0.526	193.8	1988.30725	——	16.2	16.1	——
3246	16	50	53.88	-04	50	36.1	0.85	195.75	6.4	Bb	16	50	54	-04	50	30	0.762	249.9	1984.24243	1985.54797	12.9	14.0	——
3247	16	51	7.25	78	09	17.0	0.58	312.58	47.7	c	16	51	10	78	08	30	0.592	315.9	1955.38184	1996.53333	16.4	18.1	——
3248	16	51	42.79	-64	26	25.3	0.50	247.01	35.2		16	51	38	-64	26	42	0.530	256.1	1975.52185	1992.57373	11.7	12.3	——
3249	16	53	38.88	-13	27	22.8	0.89	195.46	5.1	Bb	16	53	39	-13	27	18	0.711	213.5	1982.30615	1987.41638	13.2	15.3	——
3250	16	54	1.75	62	53	55.8	0.47	351.67	87.2		16	54	6	62	55	18	0.512	275.2	1953.43665	1993.61426	17.9	17.7	——
3251	16	54	12.14	11	54	51.4	0.59	299.31	3.4		16	54	12	11	54	54	0.670	299.6	1951.26697	1987.47461	11.5	12.8	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3252	16	54	59.42	-57	52	18.2	0.70	207.46	41.5		16	55	3	-57	51	48	0.595	217.5	1976.63220	1993.24658	13.0	14.1	——
3253	16	55	13.76	-08	07	58.7	1.05	182.67	19.0	Bb	16	55	15	-08	07	54	0.707	200.1	1984.25330	1988.31152	13.7	14.8	——
3254	16	57	9.90	21	26	46.7	0.62	176.98	1.9		16	57	10	21	26	48	0.578	176.9	1955.24792	1992.33447	14.2	14.4	——
3255	16	57	5.80	-04	20	57.0	0.87	125.14	92.8	Bb	16	57	12	-04	20	54	0.636	126.3	1982.61475	1988.61475	11.7	13.0	——
3256	16	57	55.02	-79	53	34.7	0.54	203.70	34.2		16	58	7	-79	53	48	0.506	211.7	1976.25330	1991.27673	13.1	14.6	——
3257	16	58	08.85	25	44	39.0	0.52	192.60	9.3	T	16	58	9	25	44	48	0.527	191.9	1955.24792	1993.68262	9.8	11.6	2063-00479-1
3258	16	58	43.85	68	53	51.5	0.53	288.93	13.1		16	58	42	68	54	0	0.589	289.6	1953.45288	1993.62512	12.4	13.9	——
3259	16	59	57.13	-03	33	14.2	0.42	230.24	4.3	Bb	16	59	57	-03	33	18	0.525	247.5	1982.61475	1988.61475	17.5	19.8	——
3260	17	02	36.40	47	04	54.8	0.86	8.15	4.2	Tcs	17	02	36	47	04	54	0.850	7.9	1955.22876	1991.29980	6.9	7.7	3501-01373-1
3261	17	02	56.60	34	46	48.3	0.52	330.74	48.6		17	02	57	34	46	0	0.571	329.4	1954.40088	1993.44739	14.1	15.6	——
3262	17	03	24.03	51	24	21.6	0.60	14.97	9.8		17	03	25	51	24	18	0.646	13.0	1953.52124	1996.20886	13.0	14.3	——
3263	17	04	25.70	39	03	22.4	0.66	223.06	17.0		17	04	27	39	03	30	0.639	228.6	1954.51587	1993.37903	17.2	18.7	——
3264	17	05	38.30	59	25	46.6	0.55	338.11	7.8		17	05	38	59	25	54	0.588	338.8	1955.32178	1993.30530	14.0	15.5	——
3265	17	07	40.85	07	22	4.8	0.66	230.83	12.7		17	07	40	07	22	6	0.653	233.2	1950.52673	1987.46912	13.2	15.4	——
3266	17	08	34.99	25	41	42.5	0.51	213.33	0.5		17	08	35	25	41	42	0.520	215.7	1955.24792	1996.23901	13.5	15.0	——
3267	17	09	26.09	39	09	35.7	0.73	171.81	1.1		17	09	26	39	09	36	0.681	174.6	1954.51587	1992.55518	13.0	14.8	——
3268	17	10	10.51	-60	43	46.1	0.52	13.79	26.1	cs	17	10	11	-60	44	12	0.541	3.2	1976.63220	1993.24658	7.7	8.6	——
3269	17	11	52.35	-01	51	7.1	0.57	235.10	9.8		17	11	53	-01	51	6	0.549	234.7	1954.57861	1992.40796	11.0	11.9	——
3270	17	12	21.90	-46	33	46.0	0.69	184.76	33.9	TP	17	12	23	-46	34	18	0.708	185.3	1987.69702	——	9.3	10.3	8328-00076-1
3271	17	12	51.27	-05	07	31.3	0.72	164.78	4.3	HBb	17	12	51	-05	07	30	0.708	164.7	1983.51904	1988.61475	11.7	—	84212
3272	17	13	40.48	-08	25	14.8	0.59	225.88	7.6	HBb	17	13	40	-08	25	12	0.604	223.6	1982.61194	1989.51233	12.0	—	84277
3273	17	13	41.07	-05	01	31.1	0.92	209.06	1.5	Bb	17	13	41	-05	01	30	0.697	212.6	1983.51904	1988.61475	15.0	16.1	——
3274	17	13	41.63	01	39	25.6	0.72	277.30	7.1		17	13	42	01	39	30	0.727	280.5	1954.57861	1988.62292	14.7	16.2	——
3275	17	15	18.93	04	57	48.3	0.99	143.39	5.8		17	15	19	04	57	54	0.890	142.6	1950.52673	1987.46912	13.2	15.9	——
3276	17	15	46.73	30	37	56.9	0.74	192.64	35.3		17	15	44	30	37	54	0.717	193.0	1950.45850	1993.45544	13.9	15.2	——
3277	17	17	44.18	11	40	10.8	0.54	216.11	2.9		17	17	44	11	40	12	0.539	218.7	1952.39709	1991.53210	14.5	16.3	——
3278	17	18	35.27	01	56	51.8	0.48	231.19	9.2	d	17	18	35	01	57	0	0.512	236.7	1981.27051	1992.35083	14.9	14.6	——
3279	17	18	35.88	01	56	41.5	0.48	214.41	6.7	d	17	18	36	01	56	48	0.512	236.7	1981.27051	1992.35083	13.2	15.4	——
3280	17	19	33.34	-48	26	8.1	0.06	104.34	58.3	Bb	17	19	36	-48	27	0	0.500	188.4	1987.69702	1992.58191	13.7	15.2	——
3281	17	19	52.71	41	42	49.8	0.87	160.85	12.9	T	17	19	52	41	43	0	0.863	159.8	1953.45020	1992.55518	11.4	13.8	3081-01785-1
3282	17	19	55.74	36	39	37.3	0.56	188.88	10.1	dm	17	19	55	36	39	42	0.527	190.6	1954.51038	1993.44739	13.2	14.8	——
3283	17	19	55.75	36	39	37.2	0.57	187.43	10.2	dm	17	19	55	36	39	42	0.527	190.6	1954.51038	1993.44739	14.8	16.5	——
3284	17	21	55.44	-46	04	50.6	0.77	191.40	109.9	P	17	22	6	-46	04	54	0.765	191.4	1987.69702	——	14.0	15.1	——
3285	17	22	12.65	-75	20	53.3	0.99	255.22	17.4	Tcs	17	22	13	-75	20	36	0.991	257.0	1976.25073	1991.58630	7.1	7.7	9444-02164-1
3286	17	23	50.00	32	15	6.0	0.60	198.00	—	N	17	23	50	32	15	6	0.596	198.0	1950.45850	1993.45544	11.9	13.4	——
3287	17	25	00.10	67	18	24.1	0.53	270.23	0.6	Tcs	17	25	0	67	18	24	0.528	269.4	1953.43665	1991.43640	6.5	7.4	4210-00849-1
3288	17	25	29.36	19	23	17.1	0.68	198.24	9.1		17	25	30	19	23	18	0.687	200.0	1954.50745	1986.44739	15.1	16.6	——
3289	17	25	39.87	00	59	18.7	0.44	263.56	2.1		17	25	40	00	59	18	0.516	273.6	1981.27051	1992.35083	13.5	14.6	——
3290	17	26	47.54	-47	11	17.1	0.22	227.60	44.6	Bb	17	26	50	-47	11	54	0.723	228.3	1987.69702	1992.58191	14.2	14.8	——
3291	17	27	14.11	-25	09	36.0	0.65	137.90	39.3	P	17	27	17	-25	09	36	0.645	137.9	1987.65039	——	14.3	15.4	——
3292	17	28	7.81	-62	27	15.7	1.03	188.62	31.0		17	28	11	-62	26	54	0.996	197.3	1976.63220	1990.47119	13.6	15.1	——
3293	17	28	19.55	53	37	4.4	0.50	327.23	13.9		17	28	18	53	37	6	0.520	323.6	1954.49121	1993.45288	13.8	15.5	——
3294	17	29	0.76	-57	39	35.1	0.42	180.65	34.7		17	29	5	-57	39	42	0.502	191.9	1976.63220	1993.24658	12.0	13.5	——
3295	17	29	26.23	-80	08	56.6	0.79	306.01	81.4		17	29	26	-80	10	18	0.681	314.7	1976.25342	1994.29309	12.0	13.5	——
3296	17	31	14.87	00	28	54.3	0.62	213.35	2.0		17	31	15	00	28	54	0.602	224.5	1981.27051	1992.35083	15.9	17.4	——
3297	17	31	17.72	82	05	19.2	0.52	330.68	5.5		17	31	19	82	05	24	0.566	329.9	1953.60864	1993.63611	14.5	16.0	——
3298	17	32	8.07	50	24	48.5	0.56	174.57	11.6		17	32	7	50	24	54	0.535	178.8	1953.52405	1987.31348	12.6	14.7	——
3299	17	32	53.68	54	20	11.8	0.47	329.87	12.5		17	32	54	54	20	24	0.514	332.9	1954.49121	1993.45288	11.7	12.6	——
3300	17	33	20.10	-64	20	11.2	0.71	184.74	85.0	cm	17	33	12	-64	21	18	0.617	190.1	1978.57654	1995.64661	14.6	16.1	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3301	17	33	12.69	-15	49	14.8	3.03	140.44	5.2	Bb	17	33	13	-15	49	12	0.659	208.5	1987.65051	1988.53552	13.0	14.5	——
3302	17	33	43.91	18	43	48.0	0.70	174.22	12.9		17	33	43	18	43	48	0.695	173.6	1951.51587	1986.44739	12.3	13.4	——
3303	17	34	38.80	-72	42	27.9	0.55	182.19	72.2		17	34	23	-72	42	12	0.518	190.7	1976.25073	1991.58630	13.7	15.2	——
3304	17	34	43.07	06	00	51.6	0.60	309.13	2.6	T	17	34	43	06	00	54	0.604	309.8	1953.61145	1993.62244	8.4	9.1	0426-01065-1
3305	17	34	59.58	61	52	28.4	0.58	153.00	3.4	Tcdm	17	35	0	61	52	30	0.573	153.3	1954.49097	1992.35632	5.3	5.9	4199-01513-1
3306	17	35	34.47	61	40	53.6	0.58	153.30	18.5	Td	17	35	32	61	40	48	0.573	153.3	1954.49097	1992.35632	10.2	11.9	4199-00693-1
3307	17	36	9.37	51	12	49.4	0.54	186.16	3.8		17	36	9	51	12	48	0.500	187.6	1954.49121	1987.31348	17.8	20.1	——
3308	17	36	46.07	-22	20	42.9	0.58	185.20	18.6	Pi	17	36	45	-22	20	54	0.578	185.2	1987.63403	——	15.7	16.3	——
3309	17	36	51.00	77	59	48.0	0.65	0.70	—	N	17	36	51	77	59	48	0.652	0.7	1953.60889	1993.63611	14.1	15.6	——
3310	17	38	19.62	-27	12	20.1	0.53	248.90	24.3	PW	17	38	21	-27	12	36	0.527	248.9	1987.70239	——	11.6	12.7	——
3311	17	39	28.68	69	28	1.7	0.47	2.67	25.0		17	39	24	69	28	6	0.580	0.1	1953.67163	1993.62512	14.8	16.1	——
3312	17	39	36.87	37	11	1.5	0.96	211.23	2.2	Tcs	17	39	37	37	11	0	0.988	211.3	1951.51855	1993.61145	8.5	9.1	2618-01267-1
3313	17	40	14.20	37	40	42.6	0.64	282.10	2.5		17	40	14	37	40	42	0.653	283.6	1951.51855	1992.56335	14.4	16.4	——
3314	17	41	22.06	52	30	57.5	0.59	224.31	10.0		17	41	21	52	31	0	0.570	226.7	1954.49121	1993.45288	15.8	17.3	——
3315	17	42	12.00	-08	48	57.1	0.94	128.81	15.1	Bb	17	42	11	-08	49	0	0.965	240.2	1987.29797	1988.61475	14.0	15.5	——
3316	17	42	32.23	-16	38	24.4	0.66	191.40	3.3	P	17	42	32	-16	38	24	0.656	191.4	1987.65051	——	13.0	14.1	——
3317	17	42	43.82	-41	01	8.9	0.54	194.40	35.7	P	17	42	45	-41	01	42	0.536	194.4	1987.70520	——	13.2	14.3	——
3318	17	42	41.73	75	37	16.9	0.55	72.61	143.8		17	43	14	75	38	36	0.640	63.9	1953.60889	1993.63062	14.6	16.1	——
3319	17	43	15.64	21	36	33.1	0.64	191.09	5.8	Tcs	17	43	16	21	36	36	0.660	192.0	1951.48840	1992.56604	7.6	8.5	1563-03551-1
3320	17	43	17.53	-18	31	18.5	0.54	192.10	7.5	P	17	43	17	-18	31	18	0.535	192.1	1987.63403	——	12.0	13.6	——
3321	17	43	55.96	43	22	43.1	0.60	178.97	7.1	T	17	43	56	43	22	36	0.636	179.1	1953.45020	1992.41895	10.7	12.7	3100-01810-1
3322	17	44	29.93	86	39	53.5	0.45	357.87	36.6	c	17	44	26	86	40	30	0.504	1.8	1953.67175	1996.69446	17.4	19.1	——
3323	17	45	2.03	-01	01	19.2	0.62	209.78	4.8		17	45	2	-01	01	24	0.640	208.8	1954.57043	1990.32874	14.7	16.2	——
3324	17	46	4.75	24	39	3.6	0.59	324.87	17.2		17	46	6	24	39	6	0.600	326.8	1951.48840	1993.47742	12.4	14.5	——
3325	17	46	27.58	27	43	15.2	0.75	203.33	37.5	dms	17	46	25	27	43	0	0.811	202.5	1952.54443	1993.48022	9.4	11.2	——
3326	17	46	27.52	27	43	14.4	0.81	202.47	7.8	Tcdms	17	46	27	27	43	18	0.811	202.5	1952.54443	1993.48022	3.5	4.3	2085-03062-1
3327	17	46	36.35	-12	58	18.2	1.06	149.59	8.1	Bb	17	46	36	-12	58	12	0.687	238.7	1987.65051	1988.61475	15.3	15.9	——
3328	17	47	40.75	62	54	14.9	0.54	195.50	57.2	P	17	47	40	62	53	18	0.541	195.5	1952.63159	——	15.4	16.9	——
3329	17	47	42.09	04	56	22.8	0.59	248.62	4.9	T	17	47	42	04	56	18	0.621	247.7	1953.61145	1993.62244	9.0	9.9	0424-01608-1
3330	17	47	57.55	-34	01	7.9	0.60	199.99	10.5	TP	17	47	57	-34	01	0	0.604	202.0	1987.31445	——	7.3	8.1	7385-00524-1
3331	17	49	32.78	-06	24	31.9	0.54	217.96	8.5	Bb	17	49	33	-06	24	24	0.525	253.4	1982.61768	1989.56433	15.0	17.0	——
3332	17	49	59.58	22	41	7.1	0.77	261.19	8.1		17	49	59	22	41	6	0.780	259.4	1951.48840	1991.36816	17.8	20.1	——
3333	17	50	15.18	23	45	50.8	0.55	323.91	3.8		17	50	15	23	45	48	0.585	320.6	1951.48840	1991.36816	12.6	14.7	——
3334	17	51	6.01	38	42	8.2	0.94	225.93	23.6		17	51	8	38	42	12	0.919	229.6	1951.51855	1992.56335	14.7	16.0	——
3335	17	52	48.82	-34	38	43.5	0.61	224.70	49.0	P	17	52	47	-34	38	0	0.612	224.7	1987.70789	——	13.8	14.9	——
3336	17	52	48.45	14	38	36.6	0.62	182.17	6.6		17	52	48	14	38	36	0.655	187.0	1956.20630	1993.69897	11.8	12.9	——
3337	17	52	49.14	-38	16	16.1	0.71	245.60	96.7	P	17	52	57	-38	15	48	0.714	245.6	1987.70520	——	12.0	12.5	——
3338	17	54	17.31	07	22	43.3	0.61	237.41	11.3		17	54	18	07	22	48	0.668	241.7	1953.61145	1991.45837	12.8	14.6	——
3339	17	55	33.50	58	24	26.5	0.81	18.92	4.6		17	55	33	58	24	24	0.879	16.4	1954.49097	1992.35632	17.1	18.7	——
3340	17	55	58.44	-16	24	32.8	0.63	180.05	7.1	TP	17	55	58	-16	24	36	0.547	181.9	1987.70789	——	11.7	11.8	6250-00221-1
3341	17	56	19.50	51	32	49.0	0.50	285.95	4.8		17	56	20	51	32	48	0.536	287.1	1954.49121	1993.62256	15.2	16.3	——
3342	17	57	35.74	50	25	27.4	0.68	5.61	7.8		17	57	35	50	25	24	0.662	6.5	1950.38477	1993.62256	15.4	17.6	——
3343	17	57	51.03	46	35	17.9	0.54	358.57	0.3		17	57	51	46	35	18	0.594	357.2	1950.38477	1992.41895	10.6	12.3	——
3344	17	58	56.98	80	42	43.1	0.65	338.85	46.5		17	58	38	80	42	36	0.642	336.0	1953.60889	1993.63611	13.5	15.0	——
3345	17	58	38.45	-13	05	49.6	0.86	212.24	8.2	TBb	17	58	39	-13	05	48	0.840	213.2	1987.70789	1986.65747	9.7	10.3	5682-00995-1
3346	17	58	49.99	-56	05	43.6	0.79	206.98	21.6		17	58	52	-56	05	30	0.733	211.0	1976.33521	1995.65479	14.8	16.3	——
3347	17	58	53.28	-30	10	18.2	0.66	161.20	6.8	PW	17	58	53	-30	10	24	0.662	161.2	1987.59033	——	10.1	10.7	——
3348	18	00	38.50	-77	42	16.1	0.95	194.50	84.8		18	00	12	-77	42	12	0.884	199.4	1976.25342	1994.29309	14.2	15.7	——
3349	18	00	24.20	14	42	55.0	0.54	240.47	3.1	T	18	00	24	14	42	54	0.533	243.5	1950.37927	1993.69897	9.3	10.1	1020-00421-1

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3350	18	01	16.11	35	35	50.8	0.57	176.48	3.5			18	01	16	35	35	54	0.587	177.0	1951.51855	1993.60876	13.3	14.6	——
3351	18	01	26.72	66	35	5.8	0.50	3.09	6.4			18	01	27	66	35	12	0.540	357.2	1952.63159	1991.38196	14.0	15.3	——
3352	18	01	38.57	-18	08	51.0	0.52	167.70	20.6	P		18	01	40	-18	08	54	0.521	167.7	1987.33643	——	14.4	16.3	——
3353	18	02	30.86	26	18	46.8	0.72	146.95	7.4	Tc		18	02	31	26	18	54	0.707	147.0	1951.48840	1991.36816	7.1	8.0	2099-02717-1
3354	18	03	30.67	64	37	28.6	0.55	225.70	61.3			18	03	22	64	37	54	0.521	232.3	1952.63159	1991.38196	16.1	17.7	——
3355	18	04	41.18	25	17	14.5	0.49	233.91	4.2			18	04	41	25	17	18	0.525	240.4	1951.48840	1991.36816	14.7	16.0	——
3356	18	05	07.58	-03	01	52.7	0.66	120.34	11.3	TB		18	05	7	-03	02	0	0.641	117.6	1982.60669	1988.59021	9.5	11.1	5100-00282-1
3357	18	06	47.88	10	52	32.9	0.47	252.29	13.3			18	06	47	10	52	30	0.511	250.7	1950.37927	1993.52673	12.8	13.4	——
3358	18	07	32.86	44	04	28.2	0.50	218.18	52.4			18	07	28	44	04	30	0.506	221.3	1951.64709	1991.59778	16.0	17.8	——
3359	18	07	32.88	-15	57	46.8	0.66	238.20	25.1	P		18	07	34	-15	58	6	0.664	238.2	1987.70789	——	13.8	15.1	——
3360	18	08	46.56	-56	32	41.7	0.67	175.21	77.9	c		18	08	54	-56	31	54	0.547	180.6	1976.33521	1995.65479	15.0	16.5	——
3361	18	09	15.37	20	01	36.4	0.56	214.72	10.5			18	09	16	20	01	42	0.554	220.4	1952.54175	1993.61450	13.0	14.1	——
3362	18	09	19.05	21	04	35.9	0.65	185.71	0.7			18	09	19	21	04	36	0.540	181.8	1954.42029	1993.61450	15.5	17.5	——
3363	18	09	37.41	38	27	28.0	0.57	214.28	5.2	Tcs		18	09	37	38	27	30	0.568	213.0	1950.60339	1992.48438	6.5	7.5	3102-01975-1
3364	18	10	4.60	16	01	44.4	0.50	185.91	9.0			18	10	4	16	01	42	0.505	187.6	1952.54175	1993.69897	12.1	12.7	——
3365	18	10	6.91	40	23	39.2	0.86	195.79	3.4			18	10	7	40	23	36	0.863	196.6	1951.64709	1992.48438	14.7	15.8	——
3366	18	12	22.01	05	24	3.5	0.81	213.99	3.5			18	12	22	05	24	0	0.803	221.4	1950.52136	1991.45837	11.8	12.4	——
3367	18	12	36.34	-79	11	51.9	0.71	207.02	17.9			18	12	42	-79	12	0	0.659	214.0	1976.25342	1994.29309	14.7	16.2	——
3368	18	13	41.30	21	05	39.6	0.53	206.14	4.8			18	13	41	21	05	42	0.505	211.8	1954.42029	1993.61450	13.6	15.6	——
3369	18	13	46.90	08	12	50.9	0.49	189.18	3.3			18	13	47	08	12	48	0.530	190.9	1950.52136	1993.53491	14.1	14.7	——
3370	18	13	53.25	-77	08	20.6	0.79	194.07	36.2			18	13	58	-77	07	48	0.749	198.5	1976.25073	1991.58630	15.2	16.8	——
3371	18	15	32.52	20	29	57.5	0.93	205.91	11.6			18	15	33	20	29	48	0.956	210.2	1952.54175	1993.61450	13.3	14.7	——
3372	18	15	37.00	-33	42	54.0	0.62	204.70	—	2N		18	15	37	-33	42	54	0.621	204.7	1987.37732	——	13.5	15.0	——
3373	18	16	2.35	13	54	47.2	0.53	164.83	7.3			18	16	2	13	54	42	0.501	170.3	1950.37927	1993.52954	10.6	11.9	——
3374	18	16	18.33	01	31	25.6	0.74	201.19	59.2			18	16	19	01	32	24	0.771	211.2	1981.33337	1993.53223	12.5	14.3	——
3375	18	16	57.83	04	41	42.9	0.59	171.59	12.4			18	16	57	04	41	42	0.579	169.7	1950.52136	1993.40100	14.2	14.8	——
3376	18	18	57.40	66	11	32.4	0.66	135.28	17.9			18	19	0	66	11	24	0.623	131.3	1952.63159	1991.38196	13.9	15.4	——
3377	18	19	21.32	-05	46	28.4	0.79	139.39	10.3	Bb		18	19	22	-05	46	30	0.530	137.2	1982.63123	1988.60657	12.7	13.8	——
3378	18	19	17.29	-77	02	49.8	0.65	199.98	22.9			18	19	24	-77	02	54	0.626	202.2	1975.68054	1991.58630	14.1	15.6	——
3379	18	21	3.56	72	43	56.5	0.67	124.27	3.6	cs		18	21	3	72	43	54	0.635	123.9	1953.67163	1993.55688	3.6	4.1	——
3380	18	21	19.98	61	01	6.3	0.75	166.57	23.3			18	21	18	61	00	48	0.688	172.2	1952.40247	1994.52393	14.9	16.2	——
3381	18	21	18.60	-02	53	55.8	0.89	218.01	11.9	Tbcs		18	21	18	-02	53	48	0.890	218.3	1982.63123	1988.60657	3.3	4.4	5102-00416-1
3382	18	21	53.39	77	09	28.3	0.77	0.83	99.1			18	22	18	77	10	24	0.791	359.9	1953.60889	1993.55688	16.5	18.2	——
3383	18	22	40.66	-33	23	12.6	0.51	155.40	92.2	P		18	22	42	-33	21	42	0.512	155.4	1987.37732	——	13.2	14.3	——
3384	18	24	4.73	-13	08	43.5	1.82	163.15	10.8	B		18	24	4	-13	08	42	0.637	195.9	1986.65332	1988.58472	15.5	15.7	——
3385	18	25	31.89	38	21	12.7	0.75	186.76	5.4			18	25	32	38	21	18	0.712	185.8	1950.60339	1992.48438	11.0	12.7	——
3386	18	25	57.26	59	28	13.9	0.56	265.48	55.5			18	25	50	59	28	18	0.614	268.4	1952.40247	1994.52393	14.5	16.1	——
3387	18	26	10.23	08	46	38.9	0.47	206.82	151.7			18	26	0	08	46	36	0.520	202.7	1950.44189	1993.53491	8.1	9.0	——
3388	18	26	22.06	08	36	53.7	0.51	199.43	149.2			18	26	12	08	36	54	0.520	202.7	1950.44189	1993.53491	8.6	9.5	——
3389	18	28	7.91	-71	10	51.5	0.55	194.01	287.8			18	27	9	-71	10	12	0.523	203.6	1976.34058	1991.28772	14.6	16.2	——
3390	18	28	6.00	50	32	54.0	0.53	310.80	—	N		18	28	6	50	32	54	0.531	310.8	1950.38477	1991.60046	17.8	19.9	——
3391	18	32	8.79	74	49	47.5	0.52	3.71	3.1			18	32	8	74	49	48	0.502	4.9	1954.57324	1993.55688	14.9	16.4	——
3392	18	33	17.81	22	18	50.2	0.53	198.98	4.7			18	33	18	22	18	54	0.504	201.2	1951.52686	1995.64160	10.0	11.3	——
3393	18	33	27.81	-06	54	4.8	2.03	131.35	42.1	Bb		18	33	25	-06	54	0	0.660	195.0	1986.66699	1987.57812	12.7	14.0	——
3394	18	35	18.38	45	44	38.6	0.58	50.94	10.2	Td		18	35	18	45	44	48	0.566	53.0	1953.52417	1993.39282	10.1	11.5	3527-02134-1
3395	18	35	27.39	45	45	39.6	0.57	57.52	14.8	d		18	35	26	45	45	42	0.566	53.0	1953.52417	1993.39282	13.3	14.9	——
3396	18	35	26.39	-19	43	49.9	0.55	204.90	9.5	P		18	35	27	-19	43	54	0.553	204.9	1987.46472	——	14.6	15.9	——
3397	18	36	47.65	-32	30	40.4	0.87	158.95	55.8	Bb		18	36	48	-32	31	36	0.565	215.3	1987.37732	1992.35522	13.4	14.0	——
3398	18	38	44.75	-14	29	25.2	0.54	166.90	3.8	P		18	38	45	-14	29	24	0.544	166.9	1986.64783	——	12.6	14.1	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3399	18	39	27.24	04	11	34.3	0.49	234.37	25.9		18	39	27	04	12	0	0.506	239.8	1950.44189	1990.63330	15.3	15.9	——
3400	18	40	17.91	-10	27	54.6	0.54	193.90	28.2	P	18	40	16	-10	27	54	0.539	193.9	1986.65332	——	11.8	13.3	——
3401	18	40	54.88	31	31	59.1	0.84	174.34	7.1	Tds	18	40	55	31	32	6	0.823	174.7	1951.50757	1989.33801	8.7	9.7	2637-01534-1
3402	18	40	54.97	31	31	59.5	0.81	172.88	0.6	dms	18	40	55	31	32	0	0.823	174.7	1951.50757	1989.33801	11.4	13.0	——
3403	18	40	57.31	-13	22	46.6	0.68	187.89	6.5	TPW	18	40	57	-13	22	42	0.671	186.7	1986.64783	——	10.9	12.2	5704-00171-1
3404	18	41	9.86	24	47	13.9	0.52	84.13	12.4	dm	18	41	9	24	47	18	0.501	85.3	1951.52686	1993.56238	14.6	16.1	——
3405	18	41	9.86	24	47	13.9	0.52	83.89	11.8	dm	18	41	9	24	47	12	0.501	85.3	1951.52686	1993.56238	12.2	13.5	——
3406	18	42	22.00	40	40	24.0	0.62	348.70	—	N	18	42	22	40	40	24	0.619	348.7	1955.55676	1993.40930	17.5	19.7	——
3407	18	43	41.80	-40	03	31.2	0.51	189.46	112.6	TP	18	43	32	-40	03	36	0.509	187.3	1987.69446	——	10.2	11.5	7919-00922-1
3408	18	44	20.73	-30	13	56.4	0.57	233.20	9.7	P	18	44	20	-30	13	54	0.567	233.2	1987.37744	——	13.7	14.3	——
3409	18	45	52.49	52	27	38.6	0.81	294.88	5.6		18	45	52	52	27	42	0.843	298.4	1952.57166	1992.65344	15.4	17.4	——
3410	18	46	34.90	51	47	32.4	0.65	199.77	9.1		18	46	34	51	47	36	0.602	203.9	1952.57166	1992.65344	14.0	15.1	——
3411	18	48	38.83	-61	35	26.2	0.63	195.84	114.6		18	48	45	-61	37	12	0.544	196.7	1975.35535	1989.65759	13.1	14.6	——
3412	18	48	51.87	17	26	20.2	0.59	223.85	4.2	T	18	48	52	17	26	24	0.585	225.9	1951.52966	1993.37915	9.3	10.9	1588-01039-1
3413	18	49	51.38	-57	26	50.8	0.66	248.20	146.4		18	49	35	-57	25	48	0.675	249.7	1975.35535	1989.65759	13.2	14.7	——
3414	18	49	49.41	-23	50	10.1	0.72	106.70	8.3	P	18	49	50	-23	50	12	0.720	106.7	1987.54944	——	11.0	12.7	——
3415	18	49	52.88	11	18	23.8	0.86	205.55	12.9		18	49	52	11	18	24	0.889	208.0	1952.61523	1991.38745	13.8	14.9	——
3416	18	50	9.53	04	07	50.6	0.88	171.11	8.3		18	50	9	04	07	48	0.810	172.3	1951.50757	1990.63330	15.7	16.8	——
3417	18	51	51.26	16	34	59.0	0.54	202.46	10.7		18	51	52	16	35	0	0.537	207.9	1951.52966	1993.37915	10.8	12.3	——
3418	18	52	0.33	-60	46	11.4	0.72	293.78	8.2		18	52	1	-60	46	18	0.698	298.9	1975.35535	1989.65759	13.7	15.2	——
3419	18	52	23.98	03	55	49.8	0.58	232.58	1.8		18	52	24	03	55	48	0.561	237.2	1951.50757	1990.63330	13.1	13.7	——
3420	18	52	33.86	45	38	31.1	0.48	29.95	5.1		18	52	34	45	38	36	0.514	24.8	1953.52417	1993.39282	14.6	16.3	——
3421	18	52	52.45	-57	07	37.3	0.81	197.69	66.1	H	18	52	48	-57	06	42	0.805	196.9	1978.57385	1991.66846	12.2	—	92656
3422	18	56	11.82	07	55	56.5	0.51	217.81	12.7		18	56	11	07	56	0	0.563	221.3	1951.50757	1987.41199	15.7	17.0	——
3423	18	59	07.45	-48	16	28.3	0.52	163.51	62.6	T	18	59	4	-48	15	36	0.509	163.0	1976.33264	1993.61096	11.3	12.5	8378-02945-1
3424	19	00	10.43	70	39	50.4	0.49	12.42	11.5		19	00	12	70	39	42	0.536	9.6	1954.57324	1991.46667	13.4	13.3	——
3425	19	00	43.33	19	04	28.4	0.61	203.47	4.9	T	19	00	43	19	04	30	0.630	203.8	1951.52966	1993.48865	10.1	10.9	1593-00952-1
3426	19	01	1.15	05	27	36.6	0.51	164.48	2.3		19	01	1	05	27	36	0.500	167.5	1951.50757	1987.57593	11.4	12.3	——
3427	19	02	57.00	-20	27	42.0	0.76	198.60	—	NP	19	02	57	-20	27	42	0.764	198.6	1987.59045	——	9.6	10.3	——
3428	19	03	16.64	-13	34	5.1	0.78	225.80	8.7	P	19	03	17	-13	34	12	0.780	225.8	1986.63965	——	14.1	15.8	——
3429	19	05	17.51	45	07	14.2	0.62	176.98	6.6		19	05	17	45	07	18	0.609	178.4	1951.67163	1993.47766	13.2	14.9	——
3430	19	06	8.45	00	30	34.0	1.04	138.87	7.8	Bb	19	06	8	00	30	30	0.505	183.9	1986.66699	1988.46716	14.0	14.9	——
3431	19	07	02.05	07	36	57.1	0.83	202.89	3.2	T	19	07	2	07	36	54	0.845	204.5	1950.61169	1987.41199	9.4	10.6	1040-00324-1
3432	19	07	05.57	20	53	16.9	0.59	233.52	10.7	Td	19	07	5	20	53	24	0.578	234.7	1953.62256	1991.52954	11.0	12.6	1598-00325-1
3433	19	07	13.20	20	52	37.3	0.58	235.18	5.5	Td	19	07	13	20	52	42	0.578	234.7	1953.62256	1991.52954	11.0	12.7	1598-00578-1
3434	19	08	15.87	26	35	4.9	0.56	198.46	2.0		19	08	16	26	35	6	0.539	202.6	1950.45593	1992.42188	14.3	16.1	——
3435	19	09	11.26	22	06	46.9	0.55	228.59	6.1		19	09	11	22	06	42	0.528	236.7	1950.45593	1991.52954	13.7	15.2	——
3436	19	09	10.13	74	10	18.9	0.44	14.47	12.8		19	09	13	74	10	24	0.517	4.5	1954.57324	1993.55688	14.7	16.2	——
3437	19	09	19.89	-14	44	55.9	0.55	158.50	67.6	2	19	09	24	-14	44	24	0.549	158.5	1986.63965	——	13.6	14.9	——
3438	19	09	51.00	17	40	6.4	0.71	234.41	0.4		19	09	51	17	40	6	0.740	227.0	1953.62256	1991.52954	14.1	15.4	——
3439	19	10	52.49	-47	09	31.7	0.65	173.86	11.5		19	10	53	-47	09	42	0.632	183.9	1978.57947	1993.31775	9.6	10.9	——
3440	19	12	04.68	49	51	14.0	0.66	343.70	7.7	Tcdms	19	12	4	49	51	18	0.665	341.3	1953.68530	1992.65344	6.7	7.4	3550-01848-2
3441	19	12	05.02	49	51	20.7	0.66	341.39	3.3	Tcdms	19	12	5	49	51	24	0.665	341.3	1953.68530	1992.65344	6.5	7.3	3550-01848-1
3442	19	12	21.45	11	38	2.0	0.61	196.19	7.7		19	12	21	11	38	6	0.525	203.6	1952.39734	1992.58813	14.9	16.2	——
3443	19	13	8.13	-39	01	55.4	0.59	118.05	107.7		19	12	59	-39	02	12	0.503	106.3	1974.56042	1989.51233	11.2	12.7	——
3444	19	13	20.65	00	35	45.9	0.64	212.75	20.4		19	13	22	00	35	48	0.545	217.4	1951.64429	1991.67444	9.6	10.0	——
3445	19	14	39.15	19	19	3.5	0.75	304.95	16.7	Td	19	14	38	19	19	0	0.726	305.3	1953.62256	1991.52954	11.7	12.9	1607-00581-1
3446	19	14	39.31	19	18	21.8	0.72	304.07	18.9	d	19	14	38	19	18	18	0.726	305.3	1953.62256	1991.52954	13.4	14.9	——
3447	19	14	59.04	02	09	46.4	0.54	42.84	16.3	Td	19	15	0	02	09	54	0.513	41.9	1951.64429	1991.67444	11.2	13.3	0467-04991-2

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3448	19	14	59.05	02	09	45.7	0.55	43.75	14.4	cd		19	15	0	02	09	48	0.513	41.9	1951.64429	1991.67444	11.8	13.1	——
3449	19	15	42.39	-42	23	36.5	0.58	105.92	49.0			19	15	43	-42	22	48	0.523	96.3	1974.56042	1989.51233	14.0	15.1	——
3450	19	19	0.76	41	38	3.7	0.67	165.51	8.8			19	19	0	41	38	6	0.618	167.8	1951.67163	1991.68262	9.1	10.3	——
3451	19	19	27.34	-18	18	59.2	0.20	134.21	37.9	Bbd		19	19	30	-18	19	0	0.504	156.1	1987.59045	1992.55469	15.0	16.8	——
3452	19	19	29.40	-18	19	6.4	0.76	146.43	41.0	Bbd		19	19	32	-18	19	24	0.504	156.1	1987.59045	1992.55469	16.5	18.2	——
3453	19	19	54.11	-37	01	6.7	0.64	163.30	68.3			19	19	50	-37	01	54	0.558	169.2	1977.52747	1992.56836	13.4	14.0	——
3454	19	20	8.54	53	35	35.6	0.48	331.76	8.0			19	20	8	53	35	42	0.517	330.5	1952.57166	1991.45032	15.9	17.4	——
3455	19	21	11.41	81	58	55.6	0.64	9.10	29.3			19	21	15	81	59	24	0.663	11.0	1953.67175	1993.48315	16.5	18.2	——
3456	19	21	51.43	28	39	58.2	0.91	73.68	5.9	T		19	21	51	28	40	0	0.900	73.7	1950.45862	1987.47217	11.8	13.7	2136-00276-1
3457	19	22	2.14	07	02	30.0	0.84	239.16	18.1			19	22	2	07	02	48	0.836	242.3	1950.61169	1992.58533	12.8	14.4	——
3458	19	22	21.95	33	53	6.1	0.74	9.83	0.6	T		19	22	22	33	53	6	0.719	8.2	1955.38196	1992.43823	10.1	11.5	2662-01738-1
3459	19	22	41.07	29	26	0.6	0.75	174.01	44.8			19	22	40	29	25	18	0.704	179.7	1951.51331	1987.47217	14.9	16.5	——
3460	19	23	42.74	-45	04	57.0	0.82	184.63	21.2	Tcs		19	23	43	-45	05	18	0.813	184.7	1978.57947	1993.31775	9.8	10.2	8376-00234-1
3461	19	24	16.73	75	33	10.1	0.66	36.96	3.3			19	24	16	75	33	12	0.681	33.8	1953.74829	1993.55151	14.6	16.3	——
3462	19	24	24.70	-30	36	51.7	0.59	181.66	5.3			19	24	25	-30	36	48	0.534	187.4	1974.55762	1992.40710	15.5	17.4	——
3463	19	24	58.20	11	56	39.9	0.97	48.28	3.6	Tcs		19	24	58	11	56	42	0.961	48.4	1952.39734	1992.58813	5.2	6.1	1063-00519-1
3464	19	25	25.76	24	54	46.0	0.66	195.63	3.9	Tcs		19	25	26	24	54	48	0.656	196.0	1950.54065	1986.66895	6.3	6.8	2129-02770-1
3465	19	26	26.18	49	27	53.5	0.90	36.89	61.6	cs		19	26	25	49	28	54	0.830	32.6	1953.68530	1991.52136	9.0	10.1	——
3466	19	31	07.98	58	35	9.7	0.65	232.06	2.4	Tcs		19	31	8	58	35	12	0.656	232.4	1952.61548	1991.66895	6.7	7.7	3933-00756-1
3467	19	31	9.36	36	09	8.8	0.60	178.00	16.8			19	31	8	36	09	12	0.551	181.9	1952.54187	1992.66443	11.2	11.6	——
3468	19	32	40.33	-28	01	11.3	0.75	174.55	6.9	Tbcs		19	32	40	-28	01	6	0.748	174.7	1976.70593	1991.67944	7.2	8.0	6897-02051-1
3469	19	33	27.08	33	12	6.7	0.52	295.83	1.3	Tcs		19	33	27	33	12	6	0.505	293.8	1951.51331	1992.66443	6.7	7.3	2659-00114-1
3470	19	34	39.84	04	34	57.0	0.61	59.31	3.8	T		19	34	40	04	35	0	0.626	56.5	1950.52710	1993.45581	9.5	10.9	0486-04483-1
3471	19	34	36.71	-62	50	40.0	0.54	212.83	29.4			19	34	41	-62	50	42	0.500	226.4	1979.70520	1995.64929	12.1	13.8	——
3472	19	34	55.27	53	15	22.6	0.57	37.09	5.1			19	34	55	53	15	18	0.572	29.0	1953.60620	1989.64160	11.8	13.6	——
3473	19	38	48.91	35	12	36.7	0.78	1.55	24.7	dm		19	38	49	35	12	12	0.786	358.7	1952.54187	1992.66443	15.1	16.6	——
3474	19	38	48.92	35	12	36.7	0.79	1.70	6.7	dm		19	38	49	35	12	30	0.786	358.7	1952.54187	1992.66443	15.8	17.3	——
3475	19	38	59.41	-12	49	56.2	0.53	208.30	13.1	Pc		19	39	0	-12	50	6	0.530	208.3	1980.52893	——	16.0	17.5	——
3476	19	39	50.16	-18	13	23.9	0.59	182.44	6.3	dm		19	39	50	-18	13	18	0.526	193.3	1976.70874	1991.58362	13.4	15.0	——
3477	19	39	50.16	-18	13	23.3	0.52	182.77	5.8	dm		19	39	50	-18	13	18	0.526	193.3	1976.70874	1991.58362	14.5	16.5	——
3478	19	41	27.75	32	39	50.0	0.67	250.39	9.7	c		19	41	27	32	39	48	0.648	252.4	1951.51331	1995.58984	14.5	15.8	——
3479	19	41	54.36	03	09	14.0	0.58	200.21	5.7			19	41	54	03	09	12	0.536	209.5	1950.52429	1993.45581	12.8	14.4	——
3480	19	44	22.17	-22	30	55.4	0.62	136.68	7.7			19	44	22	-22	30	48	0.540	138.8	1974.55774	1989.66028	16.3	19.1	——
3481	19	45	16.00	-09	17	49.8	0.58	208.00	33.7	P		19	45	14	-09	18	6	0.580	208.0	1984.63794	——	16.9	19.4	——
3482	19	46	24.23	32	00	58.8	0.68	128.36	7.8	dm		19	46	24	32	01	6	0.620	130.6	1951.51331	1992.48730	10.1	11.7	——
3483	19	46	24.23	32	00	58.8	0.68	128.36	7.8	dm		19	46	24	32	01	6	0.620	130.6	1951.51331	1992.48730	10.8	12.5	——
3484	19	47	4.46	-71	05	33.0	0.70	172.72	53.6			19	47	14	-71	06	0	0.673	176.3	1975.65881	1992.63660	13.8	15.3	——
3485	19	48	11.98	44	23	30.1	0.58	239.86	0.2			19	48	12	44	23	30	0.644	244.1	1951.52148	1991.45312	14.6	16.1	——
3486	19	49	31.30	-11	18	26.8	0.51	230.60	5.2	P		19	49	31	-11	18	24	0.507	230.6	1984.63794	——	12.3	14.0	——
3487	19	49	33.71	-62	49	16.9	0.63	206.60	37.1			19	49	34	-62	49	54	0.647	218.4	1979.70520	1995.64929	15.8	17.4	——
3488	19	49	51.58	-32	40	50.0	0.71	196.91	9.5			19	49	52	-32	40	42	0.712	204.7	1978.57410	1993.29858	14.2	16.1	——
3489	19	50	3.00	32	35	0.8	0.53	61.70	13.7	P		19	50	2	32	35	6	0.526	61.7	1953.52161	——	12.7	14.2	——
3490	19	50	46.63	08	51	59.9	0.53	166.62	13.3	i		19	50	47	08	52	12	0.657	54.2	1950.52710	1991.53235	0.9	1.0	——
3491	19	50	48.83	-59	11	7.2	0.52	183.86	19.3			19	50	47	-59	10	54	0.558	190.2	1979.68872	1993.45203	12.0	12.6	——
3492	19	51	31.40	-50	55	38.6	0.84	187.44	61.0			19	51	35	-50	54	48	0.852	191.3	1975.36914	1990.72327	15.9	17.5	——
3493	19	52	47.15	04	39	3.5	0.69	206.84	17.4			19	52	46	04	39	6	0.675	215.5	1950.52710	1990.70178	13.8	15.1	——
3494	19	53	54.45	44	24	51.9	0.72	143.49	15.7	cdm		19	53	53	44	24	54	0.731	143.1	1954.57068	1990.69629	13.6	15.1	——
3495	19	53	55.18	44	24	52.9	0.66	139.44	12.7	cdm		19	53	54	44	24	54	0.731	143.1	1954.57068	1990.69629	14.3	15.9	——
3496	19	54	26.24	-48	33	19.4	0.58	184.80	52.1			19	54	21	-48	33	18	0.574	188.9	1975.36914	1990.72327	14.7	16.2	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3497	19	55	19.86	30	29	48.4	0.75	210.86	12.4		19	55	19	30	29	54	0.791	216.8	1953.52161	1992.48730	13.3	14.6	——
3498	19	55	47.66	-27	18	4.3	0.69	176.81	6.2		19	55	48	-27	18	0	0.608	184.5	1974.55774	1989.66028	15.0	16.6	——
3499	19	55	52.65	51	16	22.1	0.58	53.87	10.0	H	19	55	52	51	16	30	0.586	52.6	1953.60620	1989.64697	12.0	—	9807——
3500	19	56	25.73	-21	38	30.3	0.79	192.60	6.8	2?	19	56	26	-21	38	36	0.788	192.6	1977.54944	1989.66028	14.8	16.7	——
3501	19	56	29.19	-01	02	32.5	0.89	214.75	12.4		19	56	30	-01	02	30	0.790	211.9	1982.62329	1992.50098	14.4	14.3	——
3502	19	57	19.64	-12	34	4.7	0.52	190.26	10.5	TBbd	19	57	19	-12	34	0	0.520	188.1	1982.70789	1987.70959	9.4	10.8	5746-00230-1
3503	19	57	23.89	-12	33	51.0	0.78	175.80	3.4	Bbd	19	57	24	-12	33	48	0.520	188.1	1982.70789	1987.70959	14.7	16.2	——
3504	19	57	38.99	-16	29	35.7	0.63	211.58	0.3	Bb	19	57	39	-16	29	36	0.550	239.5	1982.70789	1987.70959	13.4	15.0	——
3505	19	58	15.73	02	02	15.8	0.86	202.87	14.8	b	19	58	16	02	02	30	0.864	201.3	1982.62329	1992.50098	13.2	14.3	——
3506	20	00	27.77	27	26	44.0	0.71	188.76	16.3		20	00	28	27	27	0	0.665	190.3	1953.52161	1996.52832	13.8	15.1	——
3507	20	02	34.15	15	35	31.5	0.60	195.55	5.0	T	20	02	34	15	35	36	0.613	195.0	1951.72095	1992.74072	7.2	8.1	1617-01698-1
3508	20	02	35.30	-50	03	11.0	0.59	132.89	13.5	cs	20	02	34	-50	03	6	0.530	134.5	1975.36914	1990.72327	8.9	10.1	——
3509	20	03	26.75	29	51	58.8	0.92	126.79	12.1		20	03	26	29	52	6	0.857	127.9	1953.52161	1992.48730	14.6	16.4	——
3510	20	03	37.41	29	53	48.5	0.86	127.48	7.6	Tcs	20	03	37	29	53	54	0.857	127.9	1953.52161	1992.48730	5.8	6.7	2153-02883-1
3511	20	03	51.09	05	59	43.5	0.94	209.76	16.4		20	03	50	05	59	42	0.922	212.0	1953.67725	1990.70178	12.7	14.0	——
3512	20	04	2.38	-65	36	0.2	1.01	164.76	73.6	d	20	03	52	-65	36	36	0.863	172.5	1979.70520	1995.64929	12.9	14.4	——
3513	20	04	5.18	-65	36	3.0	1.02	163.84	79.5	d	20	03	54	-65	36	42	0.863	172.5	1979.70520	1995.64929	11.5	13.0	——
3514	20	03	58.95	-08	07	48.4	0.58	187.51	15.6	Bb	20	04	0	-08	07	48	0.570	243.3	1982.53308	1984.64209	12.4	13.7	——
3515	20	04	06.22	17	04	12.6	0.57	223.92	6.2	Tcs	20	04	6	17	04	18	0.579	223.8	1951.72095	1992.74072	5.9	6.5	1621-01499-1
3516	20	04	6.96	-31	41	50.2	0.99	151.72	3.8		20	04	7	-31	41	54	0.813	156.6	1976.41174	1990.71509	13.0	14.8	——
3517	20	04	10.88	-45	39	9.8	0.60	268.14	9.5		20	04	10	-45	39	12	0.584	270.7	1980.39270	1995.41101	11.9	13.4	——
3518	20	04	46.92	51	14	30.6	0.57	20.40	85.2	P	20	04	48	51	13	6	0.567	20.4	1951.52417	——	12.8	14.6	——
3519	20	05	38.09	15	23	18.3	0.52	187.24	1.4		20	05	38	15	23	18	0.523	186.6	1951.64722	1992.74072	14.0	15.1	——
3520	20	06	5.30	-31	33	46.4	0.67	130.80	8.5	Pc	20	06	5	-31	33	54	0.668	130.8	1976.41174	——	16.4	18.3	——
3521	20	07	04.92	-19	25	28.2	0.75	213.29	2.1	T2	20	07	5	-19	25	30	0.731	212.7	1977.54944	1993.38086	11.6	14.7	6322-01765-1
3522	20	07	15.55	-54	21	50.5	0.62	155.66	29.8		20	07	14	-54	21	24	0.549	160.4	1976.50171	1991.66028	14.8	16.3	——
3523	20	07	44.95	-31	45	14.4	0.81	158.94	13.6	Hd	20	07	46	-31	45	12	0.796	158.8	1976.41174	1990.71509	12.5	—	9915——
3524	20	07	48.26	-31	45	32.1	1.00	153.36	9.7	d	20	07	49	-31	45	30	0.796	158.8	1976.41174	1990.71509	10.9	12.9	——
3525	20	08	7.83	-52	44	27.6	0.62	150.73	27.5		20	08	5	-52	44	18	0.501	163.3	1976.50171	1990.69312	12.0	13.5	——
3526	20	10	19.64	-20	29	37.3	0.52	226.21	9.1	cs	20	10	19	-20	29	36	0.563	230.3	1977.54944	1993.38086	9.5	11.0	——
3527	20	10	52.43	77	14	20.3	0.52	6.58	5.3	T	20	10	51	77	14	18	0.518	9.3	1953.74829	1993.55151	9.0	10.6	4589-02015-1
3528	20	10	55.58	-25	35	10.8	0.94	165.03	19.8		20	10	57	-25	35	6	0.848	166.6	1977.55225	1992.42627	14.2	16.2	——
3529	20	11	06.07	16	11	16.8	0.57	313.95	1.6	Tcds	20	11	6	16	11	18	0.572	312.9	1951.72095	1992.74072	7.4	8.4	1618-00827-1
3530	20	11	13.35	16	11	6.9	0.54	312.57	5.1	d	20	11	13	16	11	6	0.572	312.9	1951.72095	1992.74072	14.1	15.6	——
3531	20	13	53.40	-45	09	50.5	0.79	101.57	9.5	Tcs	20	13	53	-45	09	42	0.779	99.8	1980.39270	1995.41101	8.2	9.8	8392-02673-1
3532	20	13	55.70	06	42	43.5	0.66	202.55	10.5	d	20	13	55	06	42	42	0.633	202.8	1953.67725	1990.63354	16.2	16.4	——
3533	20	13	59.04	06	41	15.6	0.64	201.44	14.7	d	20	14	0	06	41	12	0.633	202.8	1953.67725	1990.63354	13.2	14.8	——
3534	20	14	15.41	-54	49	16.3	0.60	140.35	40.4		20	14	20	-54	49	24	0.514	134.1	1975.36646	1990.69312	12.9	14.4	——
3535	20	14	44.52	61	46	30.6	0.68	26.85	55.4		20	14	38	61	46	0	0.698	25.8	1952.70813	1991.52698	16.2	17.8	——
3536	20	14	50.06	18	27	48.8	0.74	186.49	5.3		20	14	50	18	27	54	0.696	190.9	1951.72095	1990.70728	11.0	12.3	——
3537	20	17	31.33	66	51	13.3	0.56	57.93	5.1	Tcs	20	17	31	66	51	18	0.550	56.6	1953.60901	1991.66638	6.0	6.6	4245-01794-1
3538	20	19	17.17	-56	21	17.4	0.73	186.61	71.7		20	19	18	-56	20	6	0.647	190.2	1975.36646	1990.69312	15.7	17.2	——
3539	20	19	26.91	-30	39	22.7	0.54	111.90	33.5	P	20	19	25	-30	39	0	0.536	111.9	1977.60144	——	15.9	18.2	——
3540	20	21	18.77	-06	26	14.6	1.07	163.04	9.3	Bbc	20	21	19	-06	26	6	0.550	158.7	1982.62866	1985.68225	12.1	13.4	——
3541	20	22	22.12	-58	22	4.5	0.64	145.33	35.2	cm	20	22	23	-58	21	30	0.520	143.9	1977.60425	1991.74524	15.5	15.6	——
3542	20	22	42.27	-58	17	9.8	0.98	120.82	56.5		20	22	48	-58	16	36	0.845	114.8	1977.60425	1991.74524	10.9	12.4	——
3543	20	22	52.26	50	43	26.4	0.58	63.13	8.8		20	22	52	50	43	18	0.563	69.4	1954.48877	1989.65247	15.7	16.8	——
3544	20	22	56.29	10	40	49.6	0.57	219.27	4.6		20	22	56	10	40	48	0.549	223.6	1953.68274	1990.63623	13.2	14.5	——
3545	20	23	46.39	76	36	47.2	0.68	58.47	18.8		20	23	46	76	37	6	0.642	52.5	1953.74829	1992.74634	14.0	15.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3546	20	23	54.05	-51	02	7.5	0.72	139.29	48.8		20	23	49	-51	02	18	0.620	139.6	1976.63257	1991.58630	12.7	14.2	——
3547	20	24	51.25	74	12	23.7	0.67	24.88	6.4		20	24	51	74	12	30	0.661	21.0	1953.67993	1992.74634	14.4	15.9	——
3548	20	25	38.08	-06	12	9.5	0.23	120.41	41.8	Bb	20	25	37	-06	12	48	0.823	202.5	1982.62866	1985.68225	16.6	18.3	——
3549	20	26	5.42	58	34	21.6	0.58	29.16	35.4		20	26	4	58	33	48	0.606	24.1	1952.70813	1991.52698	14.6	16.2	——
3550	20	26	12.04	09	27	0.1	0.58	160.96	0.6		20	26	12	09	27	0	0.559	171.2	1951.60620	1990.63623	8.6	9.2	——
3551	20	26	13.95	-14	28	35.3	0.73	189.25	16.1	Bb	20	26	15	-14	28	30	0.639	215.4	1979.48132	1984.70496	14.7	15.8	——
3552	20	26	22.41	-24	38	53.1	0.55	124.93	7.5		20	26	22	-24	38	48	0.503	122.8	1974.54407	1992.42346	15.0	16.5	——
3553	20	27	41.65	-27	44	51.8	0.91	193.17	8.9	T	20	27	41	-27	44	54	0.892	192.9	1977.60144	1992.42346	11.6	13.2	6915-01833-1
3554	20	27	44.24	-30	52	4.2	0.52	181.50	5.2	TPWc	20	27	44	-30	52	0	0.525	181.4	1977.60144	——	6.7	7.5	7455-01420-1
3555	20	29	22.09	-23	41	34.3	0.65	136.33	2.1		20	29	22	-23	41	36	0.558	136.7	1974.54407	1992.42346	17.3	19.5	——
3556	20	29	48.41	09	41	19.3	0.71	82.55	7.7		20	29	48	09	41	24	0.685	79.8	1953.68274	1990.63623	12.3	14.5	——
3557	20	30	08.49	04	34	17.7	0.47	205.60	7.6	T	20	30	9	04	34	18	0.507	207.0	1951.60620	1990.63354	12.2	12.7	0518-00688-1
3558	20	30	32.06	65	26	58.4	0.53	57.66	7.9	T	20	30	31	65	26	54	0.533	57.9	1952.62903	1991.66638	10.8	12.1	4241-00032-1
3559	20	31	25.74	38	33	42.8	0.73	17.07	3.1		20	31	26	38	33	42	0.743	16.8	1951.52991	1992.49280	13.5	15.3	——
3560	20	32	11.85	-25	18	46.2	0.83	197.91	12.3		20	32	11	-25	18	42	0.797	203.5	1974.54407	1992.42346	17.1	18.6	——
3561	20	32	40.21	05	50	14.9	0.68	208.29	4.2		20	32	40	05	50	12	0.668	210.4	1951.60620	1991.69910	11.6	12.7	——
3562	20	34	21.98	25	03	48.6	0.70	212.31	13.4		20	34	21	25	03	48	0.662	214.2	1956.35913	1990.71008	12.1	11.9	——
3563	20	34	37.99	-18	02	57.1	0.81	191.59	2.9		20	34	38	-18	03	0	0.734	199.3	1976.70886	1990.72607	14.7	15.8	——
3564	20	34	43.04	03	20	51.7	0.53	144.01	3.8	H	20	34	43	03	20	48	0.564	155.8	1953.62268	1991.69910	11.7	—	10154——
3565	20	37	21.59	75	36	1.5	0.64	31.16	5.5	Tcs	20	37	23	75	36	0	0.645	29.2	1953.74829	1992.74634	7.6	8.6	4585-03284-1
3566	20	39	23.94	-29	26	36.0	0.86	154.58	0.8		20	39	24	-29	26	36	0.815	159.5	1974.46765	1990.72876	16.7	19.0	——
3567	20	39	35.14	21	59	21.5	0.65	197.69	18.5		20	39	34	21	59	12	0.623	210.7	1956.35913	1992.66724	14.7	16.2	——
3568	20	39	37.00	04	36	48.0	0.86	84.10	—	N	20	39	37	04	36	48	0.862	84.1	1951.60620	1991.69910	8.4	9.6	——
3569	20	40	3.02	-60	32	57.5	0.69	144.75	17.6	cs	20	40	1	-60	32	48	0.645	151.8	1976.50183	1991.74524	5.3	5.7	——
3570	20	40	11.75	-23	46	25.9	0.68	47.35	10.5	Tcs	20	40	11	-23	46	24	0.675	46.6	1974.54407	1992.42346	6.4	7.3	6921-01792-1
3571	20	40	13.41	-13	19	52.0	0.65	189.94	8.9	Bb	20	40	14	-13	19	54	0.564	224.3	1981.43201	1985.48218	16.3	17.8	——
3572	20	41	42.25	-22	19	20.5	0.85	129.42	4.3	T	20	41	42	-22	19	18	0.833	130.6	1976.70886	1992.42346	9.9	11.4	6343-00391-1
3573	20	42	48.83	09	56	25.4	0.64	219.11	5.2		20	42	49	09	56	30	0.527	221.1	1952.63464	1987.49426	13.7	15.0	——
3574	20	43	0.06	35	29	47.4	0.62	197.88	11.5		20	43	1	35	29	48	0.618	201.4	1951.52991	1992.49561	12.1	13.3	——
3575	20	43	53.80	-32	11	38.4	0.57	105.16	3.5		20	43	54	-32	11	36	0.529	98.2	1974.46765	1990.72876	15.9	18.0	——
3576	20	44	21.96	19	44	59.1	0.58	178.75	1.1	T	20	44	22	19	45	0	0.560	177.7	1953.74841	1992.66724	10.4	11.9	1642-02848-1
3577	20	45	04.09	44	29	56.5	0.51	58.22	11.9	T	20	45	3	44	29	54	0.506	56.7	1953.45044	1992.65637	11.0	12.4	3178-00633-1
3578	20	45	17.38	61	50	19.6	0.82	6.10	5.2	Tcs	20	45	17	61	50	24	0.825	5.9	1952.70813	1991.67188	3.5	4.6	4246-01967-1
3579	20	45	42.27	10	17	1.3	0.60	193.36	13.9		20	45	42	10	16	48	0.562	198.5	1952.63464	1987.49426	14.0	15.1	——
3580	20	45	45.55	-29	27	30.9	0.54	209.35	8.8		20	45	45	-29	27	36	0.546	218.0	1974.46765	1990.72876	12.6	14.1	——
3581	20	46	14.28	-51	52	45.1	0.81	105.24	21.4		20	46	12	-51	52	42	0.706	103.1	1976.63257	1991.58630	12.5	14.0	——
3582	20	46	18.09	-47	09	28.3	0.52	167.95	53.9		20	46	15	-47	10	12	0.506	179.2	1979.62061	1993.61096	12.1	13.4	——
3583	20	46	38.09	-81	43	14.7	0.86	132.18	19.4		20	46	46	-81	43	24	0.745	136.6	1976.65991	1992.63660	11.8	13.3	——
3584	20	47	16.84	10	51	36.5	0.60	171.31	13.6	T	20	47	16	10	51	42	0.609	172.7	1952.63464	1987.49426	9.9	11.2	1093-01640-1
3585	20	47	22.74	-25	47	9.5	0.59	165.77	13.8		20	47	22	-25	47	0	0.537	171.4	1976.41187	1994.50134	12.6	14.1	——
3586	20	47	41.14	70	56	1.7	0.62	35.05	7.7		20	47	41	70	55	54	0.618	32.9	1953.67993	1995.58423	11.4	12.3	——
3587	20	49	11.66	16	05	16.6	0.60	203.34	9.6		20	49	11	16	05	18	0.559	207.5	1953.74841	1990.62805	13.1	14.7	——
3588	20	49	31.85	-73	12	48.7	0.50	242.53	73.7		20	49	48	-73	13	12	0.501	257.6	1975.68347	1992.42346	13.2	14.3	——
3589	20	50	20.77	26	30	39.6	0.51	228.82	4.8		20	50	21	26	30	36	0.523	232.9	1954.49146	1995.56787	15.4	16.5	——
3590	20	50	33.24	52	53	57.4	0.52	37.08	11.5		20	50	32	52	54	0	0.536	32.2	1952.71082	1991.67456	10.0	11.3	——
3591	20	51	1.62	39	55	45.4	0.57	41.20	20.8	P	20	51	0	39	55	36	0.575	41.2	1954.51062	——	12.6	14.3	——
3592	20	51	44.95	74	46	49.2	0.70	35.03	16.0	Tcs	20	51	49	74	46	48	0.694	35.0	1953.67993	1992.74634	7.9	8.7	4472-00547-1
3593	20	52	33.00	10	36	54.0	0.67	226.20	—	N	20	52	33	10	36	54	0.665	226.2	1952.63464	1987.71558	13.4	15.6	——
3594	20	53	12.57	-32	21	10.6	0.72	204.83	5.7		20	53	13	-32	21	12	0.707	212.2	1980.52356	1995.42468	15.8	17.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3595	20	53	19.93	62	09	14.5	0.83	178.21	3.5	cs	20	53	20	62	09	18	0.765	178.4	1952.70813	1991.67188	9.0	10.6	——
3596	20	53	56.98	-02	45	57.3	0.72	238.42	31.6	TBb	20	53	59	-02	45	48	0.720	240.2	1982.63684	1985.52332	11.2	13.2	5183-00072-1
3597	20	54	23.67	01	46	14.6	0.71	177.38	6.0		20	54	24	01	46	18	0.674	177.6	1951.59546	1988.68311	16.4	17.9	——
3598	20	55	06.86	13	10	36.4	0.67	55.64	12.5	Tcs	20	55	6	13	10	36	0.656	54.5	1952.63464	1991.54065	8.9	10.1	1102-00830-1
3599	20	55	22.70	09	50	32.7	0.90	115.62	5.2		20	55	23	09	50	30	0.842	115.1	1952.63464	1987.71558	14.0	14.9	——
3600	20	56	0.20	-59	56	43.8	0.64	115.90	117.7	P	20	55	48	-59	55	30	0.635	115.9	1976.50183	——	11.5	13.0	——
3601	20	56	48.55	-04	50	49.0	0.82	106.10	10.8	Pdm	20	56	48	-04	50	42	0.816	106.1	1982.63684	——	15.7	16.8	——
3602	20	56	48.53	-04	50	49.1	0.82	105.58	7.1	HPdm	20	56	49	-04	50	48	0.816	106.1	1982.63684	——	11.9	—	103393
3603	20	56	53.78	-09	51	17.2	0.85	172.31	6.1	Bb	20	56	54	-09	51	12	0.721	186.6	1982.69714	1988.75134	14.3	15.6	——
3604	20	57	16.42	12	00	22.6	0.86	153.04	21.3		20	57	15	12	00	18	0.804	149.1	1952.63464	1987.71558	12.8	13.7	——
3605	20	57	25.52	22	21	44.7	0.86	107.23	21.2		20	57	24	22	21	42	0.779	103.0	1954.49146	1992.64819	12.3	13.9	——
3606	20	57	42.58	-19	34	28.8	0.89	204.65	7.6		20	57	43	-19	34	24	0.869	208.5	1979.61792	1993.68225	14.0	15.8	——
3607	20	59	08.56	03	33	9.4	0.79	155.55	7.5	H	20	59	9	03	33	6	0.805	156.2	1953.75110	1990.69910	12.1	—	103577
3608	21	00	05.80	-69	34	46.0	0.53	121.95	17.7	Tcs	21	00	3	-69	34	36	0.529	121.4	1976.70337	1993.69043	6.9	7.6	9325-00196-1
3609	21	00	5.50	40	04	12.0	0.72	113.55	8.3		21	00	6	40	04	18	0.668	114.6	1954.51062	1992.72168	10.9	12.4	——
3610	21	01	24.96	20	43	37.2	0.53	220.10	14.3		21	01	24	20	43	42	0.538	223.8	1953.74841	1992.64819	13.3	15.2	——
3611	21	01	53.77	-05	23	42.6	0.52	179.60	7.5	P	21	01	54	-05	23	36	0.518	179.6	1982.63684	——	16.7	18.2	——
3612	21	01	52.96	-06	15	32.3	0.52	201.90	65.7	P	21	01	57	-06	15	6	0.515	201.9	1982.63684	——	11.0	12.5	——
3613	21	02	59.81	-46	43	25.6	0.61	151.73	101.0		21	02	50	-46	43	30	0.500	150.5	1976.70618	1990.78076	11.6	13.0	——
3614	21	03	2.75	-30	21	3.8	0.64	174.10	12.7	d	21	03	2	-30	21	12	0.550	177.6	1974.45947	1989.75610	12.3	13.8	——
3615	21	03	21.83	-50	22	53.6	0.57	142.10	65.6		21	03	15	-50	22	48	0.500	141.6	1977.54138	1992.56836	12.9	14.4	——
3616	21	03	17.21	-30	22	28.4	0.66	174.94	8.1	d	21	03	17	-30	22	36	0.550	177.6	1974.45947	1989.75610	13.1	14.8	——
3617	21	03	23.48	-10	32	25.1	0.82	144.15	7.2	Bb	21	03	23	-10	32	24	0.591	147.2	1982.69714	1988.75134	14.4	16.2	——
3619	21	04	10.76	20	36	28.2	0.76	157.51	10.8		21	04	10	20	36	30	0.740	159.9	1953.74841	1992.64819	13.7	15.2	——
3620	21	04	25.54	-27	52	48.5	1.04	180.45	9.0		21	04	25	-27	52	54	0.978	184.6	1974.45947	1989.75610	16.0	17.3	——
3621	21	05	7.91	14	35	26.8	0.57	91.28	13.5	d	21	05	7	14	35	24	0.503	90.8	1952.63464	1991.54065	12.8	14.1	——
3622	21	05	9.42	19	36	4.6	0.61	194.36	6.0		21	05	9	19	36	6	0.569	200.4	1953.74841	1992.64819	10.9	12.2	——
3623	21	05	18.25	-11	04	57.1	0.77	126.30	14.3	Bb	21	05	19	-11	04	48	0.533	122.2	1982.69714	1988.75134	12.7	14.0	——
3624	21	05	19.80	07	04	8.2	0.60	169.18	4.8	cs	21	05	20	07	04	12	0.569	172.1	1953.75110	1990.69910	8.8	10.0	——
3625	21	05	23.85	14	32	22.6	0.57	91.23	12.4	d	21	05	23	14	32	24	0.503	90.8	1952.63464	1991.54065	11.2	12.3	——
3626	21	06	26.33	04	43	17.4	0.57	183.60	8.3		21	06	26	04	43	24	0.543	190.5	1953.75110	1990.69910	15.4	16.9	——
3627	21	07	20.66	-16	14	18.4	2.48	137.17	8.1	Bb	21	07	21	-16	14	12	0.508	125.1	1983.76819	1984.58472	14.9	16.4	——
3628	21	07	34.27	-13	26	56.8	1.34	149.26	4.8	Bb	21	07	34	-13	26	54	0.679	227.9	1983.76819	1984.58472	16.6	18.4	——
3629	21	07	38.97	-47	19	11.1	0.59	199.66	40.7	T	21	07	41	-47	18	36	0.586	199.0	1977.54138	1992.56836	10.4	11.0	8425-00926-1
3630	21	07	57.19	-25	21	30.9	0.89	126.14	17.6		21	07	56	-25	21	24	0.818	124.9	1979.77100	1994.65210	15.9	17.6	——
3631	21	08	40.66	73	41	48.5	0.51	219.08	14.1	T	21	08	44	73	41	48	0.510	219.4	1953.52454	1992.74634	8.8	9.8	4472-00415-1
3632	21	08	53.00	-61	00	24.0	0.55	137.50	—	2N	21	08	53	-61	00	24	0.551	137.5	1976.50183	1990.77539	14.8	16.3	——
3633	21	09	3.44	09	25	23.6	0.68	119.68	6.5		21	09	3	09	25	24	0.674	121.2	1952.63184	1987.71558	14.9	15.8	——
3634	21	09	26.84	86	04	25.8	0.57	41.21	25.3		21	09	15	86	04	48	0.574	36.0	1954.72668	1996.63733	15.5	17.1	——
3635	21	09	22.84	-73	10	25.3	0.64	125.74	18.2	cs	21	09	19	-73	10	18	0.546	127.2	1975.68347	1992.42346	5.7	6.8	——
3636	21	10	50.16	-21	29	23.5	0.66	166.72	2.3		21	10	50	-21	29	24	0.553	172.5	1979.61792	1993.68225	16.7	16.4	——
3637	21	11	16.99	33	31	27.3	0.53	72.89	15.3	H	21	11	18	33	31	36	0.535	73.3	1951.51892	1991.70190	12.0	—	104596A
3638	21	11	31.77	46	34	48.8	0.65	201.40	23.0	P	21	11	34	46	34	48	0.653	201.4	1952.55017	——	15.2	16.3	——
3639	21	11	49.56	-43	36	49.2	0.72	162.78	33.8	T	21	11	47	-43	36	30	0.713	163.6	1976.70618	1990.78076	12.1	13.3	7978-00659-1
3640	21	11	59.03	17	43	39.9	0.91	187.67	2.2	Tcs	21	11	59	17	43	42	0.903	187.1	1954.52161	1991.54065	7.4	8.0	1653-00979-1
3641	21	12	12.69	17	33	14.3	0.68	229.73	5.8		21	12	13	17	33	18	0.631	234.3	1954.52161	1991.54065	13.3	14.9	——
3642	21	13	11.25	79	13	53.1	0.52	29.65	21.7		21	13	15	79	14	12	0.522	23.0	1954.74854	1993.56250	14.9	16.4	——
3643	21	13	24.11	-67	13	50.5	0.52	163.56	50.5		21	13	24	-67	13	0	0.506	163.8	1976.70337	1996.68579	14.7	16.2	——
3644	21	13	32.16	17	49	0.4	0.66	87.61	6.0		21	13	32	17	49	6	0.621	86.2	1954.52161	1991.52979	16.2	17.7	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3645	21	14	10.43	-25	17	10.8	0.99	183.43	7.6		21	14	10	-25	17	6	0.867	184.5	1979.77100	1994.65210	15.7	17.4	——
3646	21	16	9.29	36	32	48.6	0.50	206.54	3.6		21	16	9	36	32	48	0.511	211.8	1951.51892	1991.70190	15.2	16.3	——
3647	21	17	32.34	-02	40	16.4	0.65	172.66	6.7	Bb	21	17	32	-02	40	12	0.681	192.5	1982.53870	1988.75415	16.7	18.2	——
3648	21	17	50.55	-29	22	7.0	0.73	129.99	7.3		21	17	50	-29	22	6	0.639	127.9	1974.45947	1989.75610	16.8	18.8	——
3649	21	18	33.18	52	23	35.7	0.60	229.07	1.7		21	18	33	52	23	36	0.596	224.1	1955.93726	1991.76208	13.0	13.9	——
3650	21	18	38.45	-29	55	2.7	0.63	206.49	6.7		21	18	38	-29	55	6	0.610	216.0	1974.45947	1989.75610	13.7	15.0	——
3651	21	18	44.65	23	04	25.4	0.50	227.33	34.1		21	18	43	23	04	0	0.511	236.9	1951.53259	1991.68835	13.0	14.1	——
3652	21	18	44.32	-61	21	10.0	0.65	131.58	10.3	Tcs	21	18	43	-61	21	6	0.641	132.0	1975.60156	1990.77539	6.7	7.4	9102-01092-1
3653	21	19	13.65	28	31	56.6	0.59	76.70	18.0		21	19	15	28	31	54	0.545	72.6	1953.66919	1986.68005	13.0	14.8	——
3654	21	19	43.41	-09	01	20.7	0.62	225.40	17.6	P	21	19	44	-09	01	36	0.621	225.4	1981.74109	——	15.7	17.3	——
3655	21	19	45.63	-26	21	10.3	0.67	238.10	45.5	Tcdms	21	19	49	-26	21	6	0.650	236.6	1979.77100	1994.65210	6.7	7.5	6945-00785-1
3656	21	19	45.55	-26	21	10.2	0.64	238.19	46.6	Hcdms	21	19	49	-26	21	6	0.650	236.6	1979.77100	1994.65210	9.8	—	105312B
3657	21	20	13.82	-19	51	8.2	0.74	193.41	3.4	Tcs	21	20	14	-19	51	6	0.747	193.5	1977.54968	1991.74243	9.2	10.8	6368-01244-1
3658	21	20	46.94	-62	26	55.9	0.60	190.24	98.0		21	20	43	-62	28	30	0.576	190.5	1977.76550	1996.68579	14.1	15.6	——
3659	21	21	32.03	-60	51	36.8	0.63	165.76	55.2		21	21	27	-60	52	18	0.621	176.9	1975.60156	1990.77539	13.5	15.0	——
3660	21	22	2.79	-22	59	37.8	0.60	149.62	3.4		21	22	3	-22	59	36	0.515	151.5	1979.77100	1994.65210	15.6	17.1	——
3661	21	22	7.52	-04	40	51.5	0.66	91.16	8.0	Bb	21	22	8	-04	40	48	0.503	76.4	1982.53870	1988.75415	16.7	18.6	——
3662	21	23	8.02	-28	09	58.7	0.74	136.45	4.7		21	23	8	-28	09	54	0.651	135.8	1980.52649	1995.41101	14.3	16.0	——
3663	21	23	17.28	-61	15	7.3	0.92	132.69	79.6		21	23	9	-61	16	0	0.762	134.6	1975.60156	1990.77539	14.2	15.7	——
3664	21	23	6.93	-16	51	29.8	0.86	183.07	58.4	Bb	21	23	11	-16	51	30	0.719	196.3	1981.74377	1986.75073	14.3	15.8	——
3665	21	24	5.32	-30	37	3.3	0.70	210.34	10.1		21	24	5	-30	36	54	0.652	217.3	1980.52649	1995.41101	13.2	15.0	——
3666	21	24	18.15	-46	41	35.1	0.74	93.99	58.7	H	21	24	15	-46	42	24	0.738	96.7	1980.60779	1993.61096	12.5	—	105679
3667	21	24	10.60	13	18	1.2	0.48	212.34	283.2		21	24	30	13	18	0	0.522	214.9	1951.57910	1987.73743	12.5	13.8	——
3668	21	24	32.33	-28	17	15.8	0.60	162.70	5.8		21	24	32	-28	17	12	0.525	161.3	1980.52649	1995.41101	16.8	18.3	——
3669	21	24	36.57	-32	29	48.7	0.77	141.03	9.8		21	24	36	-32	29	42	0.691	138.7	1979.76819	1994.73157	15.5	16.8	——
3670	21	25	4.92	61	50	10.0	0.58	36.20	22.9		21	25	2	61	50	0	0.548	31.4	1952.55835	1993.55164	13.5	14.8	——
3671	21	25	26.40	-44	27	36.5	0.62	225.21	47.6		21	25	22	-44	27	30	0.621	237.3	1980.60779	1993.61096	13.4	14.9	——
3672	21	26	20.91	-15	54	27.5	0.79	134.86	3.8	Bb	21	26	21	-15	54	24	0.525	137.9	1981.74377	1986.75073	13.4	14.7	——
3673	21	26	25.70	24	51	59.9	0.67	124.34	20.3		21	26	25	24	51	42	0.619	123.0	1951.53259	1991.68835	12.7	14.8	——
3674	21	26	26.64	-65	21	59.9	0.81	9.52	11.8	cs	21	26	25	-65	21	54	0.804	5.8	1977.76550	1996.68579	4.3	4.7	——
3675	21	26	58.82	-56	07	32.9	0.71	85.13	82.6	cs	21	26	49	-56	07	42	0.684	79.0	1975.45129	1991.67944	9.2	10.1	——
3676	21	27	47.66	55	05	32.5	0.54	72.25	6.6		21	27	47	55	05	36	0.581	58.7	1955.93726	1990.78943	14.5	16.1	——
3677	21	27	46.51	07	17	55.0	0.70	196.73	8.8		21	27	47	07	18	0	0.653	199.2	1952.63184	1995.58167	12.0	13.8	——
3678	21	29	46.82	45	53	40.2	0.55	50.38	8.7	T	21	29	46	45	53	42	0.572	47.9	1952.70532	1989.67725	8.0	8.9	3590-01198-1
3679	21	30	16.38	-24	53	18.5	0.78	154.20	5.2	b	21	30	16	-24	53	18	0.637	160.3	1983.44580	1991.59448	12.0	13.6	——
3680	21	30	16.88	23	12	2.6	0.52	67.00	3.7		21	30	17	23	12	6	0.517	61.7	1951.53259	1991.74573	12.5	14.3	——
3681	21	30	19.19	-31	44	23.0	0.60	185.10	5.5		21	30	19	-31	44	18	0.505	197.1	1980.52649	1995.41101	17.7	20.8	——
3682	21	30	26.37	-07	07	0.8	0.74	171.21	5.5	Bb	21	30	26	-07	07	0	0.638	189.8	1982.53870	1988.75415	13.1	14.6	——
3683	21	31	47.88	-15	11	53.7	0.83	114.19	1.7	Bb	21	31	48	-15	11	54	0.511	113.3	1981.74377	1986.75073	18.7	21.0	——
3684	21	32	49.52	12	50	28.4	0.98	189.02	66.0	c	21	32	54	12	50	36	0.805	195.7	1953.63098	1990.80591	16.9	18.6	——
3685	21	33	34.20	-49	00	33.6	0.85	174.94	12.1	cs	21	33	33	-49	00	36	0.800	183.9	1976.48010	1992.63940	8.9	10.4	——
3686	21	33	49.22	01	46	58.6	0.55	181.95	8.1	bdm	21	33	49	01	47	6	0.669	180.5	1982.56067	1990.56543	14.3	15.8	——
3687	21	33	43.86	83	03	31.9	0.61	27.91	13.1		21	33	37	83	03	36	0.631	25.9	1954.72668	1996.63733	13.3	13.3	——
3688	21	33	49.22	01	46	58.6	0.55	181.95	8.1	bdm	21	33	49	01	47	6	0.669	180.5	1982.56067	1990.56543	14.6	16.1	——
3689	21	33	48.97	-06	51	11.0	1.01	149.25	7.0	Bb	21	33	49	-06	51	18	0.519	167.7	1983.76562	1985.68225	13.4	14.7	——
3690	21	34	10.96	-10	42	2.7	1.13	137.99	14.4	b	21	34	10	-10	42	0	0.909	140.9	1982.69727	1988.77051	15.2	16.7	——
3691	21	34	44.62	-02	41	35.6	0.90	160.84	5.8	Bb	21	34	45	-02	41	36	0.547	205.3	1983.76562	1985.68225	16.3	17.8	——
3692	21	34	51.17	-49	47	36.8	0.54	253.17	12.4	cs	21	34	50	-49	47	42	0.589	258.3	1976.48010	1992.63940	8.5	9.4	——
3693	21	34	50.49	51	32	12.8	0.59	58.49	39.4		21	34	52	51	31	36	0.587	59.7	1952.70532	1991.76208	11.5	13.3	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3694	21	35	20.48	-62	23	54.4	0.53	164.00	79.8			21	35	27	-62	25	0	0.527	165.5	1977.76550	1996.68579	15.3	16.4	——
3695	21	36	39.16	05	19	42.1	0.55	99.52	2.4			21	36	39	05	19	42	0.551	98.2	1953.78125	1995.56799	12.6	14.8	——
3696	21	38	08.42	-02	18	11.3	0.54	238.87	8.8	TBcs		21	38	9	-02	18	12	0.539	238.9	1983.76562	1985.68225	8.7	9.7	5213-00030-1
3697	21	39	3.75	-10	48	45.1	0.98	140.23	9.6	Bb		21	39	4	-10	48	54	0.707	143.0	1982.69727	1988.77051	15.5	17.2	——
3698	21	39	53.23	32	48	23.8	0.59	60.47	11.3			21	39	54	32	48	18	0.582	56.6	1954.72119	1987.74023	13.1	14.6	——
3699	21	40	1.23	54	08	16.9	0.59	56.87	6.8			21	40	2	54	08	18	0.626	159.7	1955.93726	1990.78943	13.1	14.8	——
3700	21	40	12.88	37	03	27.6	0.50	228.41	3.8			21	40	13	37	03	24	0.539	227.3	1951.51074	1987.74023	11.3	12.9	——
3701	21	40	34.63	-15	23	28.8	0.62	96.40	7.1	P		21	40	35	-15	23	24	0.618	96.4	1982.54968	——	14.5	16.0	——
3702	21	42	7.51	-12	09	49.7	0.95	159.47	8.6	Bb		21	42	7	-12	09	54	0.695	173.7	1982.69727	1988.77051	12.6	14.3	——
3703	21	42	41.11	20	59	57.1	0.69	197.44	15.8			21	42	40	20	59	54	0.677	200.0	1951.72656	1994.52429	14.0	13.8	——
3704	21	44	09.99	25	19	53.9	0.62	215.18	0.1	T		21	44	10	25	19	54	0.645	215.6	1951.52722	1991.74573	9.5	10.4	2193-01795-1
3705	21	44	53.98	44	17	8.9	0.67	192.31	11.0	T		21	44	53	44	17	12	0.653	191.9	1953.67737	1989.52710	11.6	13.0	3196-01781-1
3706	21	46	31.63	-02	52	40.7	1.74	109.86	12.0	Bb		21	46	31	-02	52	48	0.731	92.9	1983.76562	1985.68225	12.5	13.8	——
3707	21	46	35.38	-57	42	1.0	0.45	187.68	62.6	s		21	46	38	-57	43	0	0.878	173.7	1975.60156	1990.77539	10.0	11.5	——
3708	21	46	40.47	00	10	25.4	0.97	123.28	8.1			21	46	41	00	10	24	0.919	124.2	1954.50806	1986.65479	12.2	14.3	——
3709	21	47	29.40	-32	02	38.9	0.58	171.84	6.0			21	47	29	-32	02	42	0.550	176.2	1979.48145	1995.62744	16.4	17.7	——
3710	21	47	36.81	-32	05	42.7	0.63	102.89	5.8			21	47	37	-32	05	48	0.509	103.2	1979.48145	1995.62744	15.6	17.1	——
3711	21	47	52.51	50	14	46.9	0.82	59.97	26.4			21	47	50	50	14	36	0.823	57.6	1952.70532	1989.75378	13.7	15.2	——
3712	21	48	1.12	-28	16	36.2	0.58	89.81	14.8			21	48	0	-28	16	36	0.535	81.3	1979.48145	1995.62744	14.1	16.0	——
3713	21	48	15.38	27	55	40.7	0.75	193.79	9.4			21	48	16	27	55	36	0.708	196.2	1954.72119	1987.65283	11.7	13.3	——
3714	21	48	16.33	-37	53	17.1	0.48	194.60	4.0			21	48	16	-37	53	18	0.508	195.0	1974.63440	1990.71777	16.4	—	——
3715	21	49	2.82	-37	49	23.3	0.81	112.41	11.0	dm		21	49	2	-37	49	18	0.686	108.6	1974.63440	1990.71777	11.9	13.4	——
3716	21	49	2.79	-37	49	23.6	0.80	113.70	10.9	dm		21	49	2	-37	49	18	0.686	108.6	1974.63440	1990.71777	13.3	—	——
3717	21	49	12.23	05	43	22.3	0.54	92.99	5.5	Ts		21	49	12	05	43	18	0.548	92.5	1953.78125	1995.56799	8.8	10.1	0556-01279-1
3718	21	49	23.78	-18	10	39.7	0.55	208.40	8.8	P		21	49	24	-18	10	48	0.551	208.4	1980.52917	——	16.0	17.5	——
3719	21	49	26.04	-63	06	53.2	0.50	43.14	40.4			21	49	32	-63	06	54	0.545	32.8	1976.55920	1991.67395	14.0	15.6	——
3720	21	49	35.95	05	39	5.8	0.59	95.55	0.8			21	49	36	05	39	6	0.504	90.7	1953.78125	1995.56799	14.1	16.1	——
3721	21	49	42.63	32	17	50.5	0.66	77.00	8.8			21	49	42	32	17	54	0.618	73.3	1954.72119	1987.65283	16.5	18.0	——
3722	21	51	17.62	12	50	30.2	0.71	78.36	10.7			21	51	17	12	50	36	0.653	73.1	1953.63098	1990.80591	13.3	15.0	——
3723	21	51	59.74	-15	14	4.8	1.09	166.00	10.8	b		21	51	59	-15	14	6	0.857	172.6	1982.54968	1990.72876	15.1	16.4	——
3724	21	52	6.74	-22	33	59.8	0.85	137.93	6.8	b		21	52	7	-22	33	54	0.607	150.6	1983.44580	1991.74524	16.1	18.2	——
3725	21	52	11.98	27	24	58.3	0.86	156.60	13.2			21	52	11	27	25	0	0.806	159.4	1951.52722	1990.77856	13.1	14.7	——
3726	21	53	54.54	-37	11	3.0	0.96	208.91	6.3			21	53	55	-37	11	6	0.894	213.3	1976.63538	1990.77258	17.5	—	——
3727	21	53	59.08	41	46	42.4	0.57	135.66	1.0			21	53	59	41	46	42	0.533	133.4	1952.65369	1987.56812	10.6	11.9	——
3728	21	54	16.29	-43	36	14.9	0.66	96.43	8.2			21	54	17	-43	36	12	0.607	89.2	1978.80933	1993.61365	14.3	—	——
3729	21	54	40.90	44	43	15.9	0.55	225.91	4.0			21	54	41	44	43	12	0.592	226.8	1952.65369	1989.52710	14.3	15.8	——
3730	21	54	48.60	48	20	42.1	0.73	202.72	7.1			21	54	49	48	20	48	0.712	205.7	1952.71094	1989.75378	13.0	14.3	——
3731	21	55	16.30	32	38	40.7	0.81	81.70	10.0			21	55	17	32	38	36	0.739	79.8	1954.72119	1987.65283	11.3	11.9	——
3732	21	55	57.25	-45	39	35.9	1.04	155.23	19.3			21	55	59	-45	39	42	0.943	157.1	1978.80933	1993.61365	13.9	15.4	——
3733	21	56	0.35	23	43	6.7	0.58	208.59	4.9			21	56	0	23	43	6	0.577	214.4	1951.52722	1990.77856	14.6	15.7	——
3734	21	56	58.15	-07	58	10.4	0.62	208.98	4.9			21	56	58	-07	58	6	0.602	208.7	1979.72192	1991.67126	16.1	17.2	——
3735	21	57	37.85	-09	29	2.5	0.53	251.30	88.2	P		21	57	43	-09	28	18	0.534	251.3	1979.72192	——	13.8	15.3	——
3736	21	57	52.42	-06	26	51.7	0.76	113.08	9.4	b		21	57	53	-06	26	48	0.611	105.2	1982.77930	1991.67126	17.3	18.8	——
3737	21	58	40.83	29	48	45.5	0.53	223.08	3.3	Tcs		21	58	41	29	48	48	0.536	224.4	1954.72119	1987.65283	7.0	7.5	2215-00517-1
3738	21	58	49.19	-32	26	27.2	0.54	216.79	4.0	d		21	58	49	-32	26	24	0.536	226.8	1976.63538	1990.77258	14.5	16.2	——
3739	21	58	50.23	-32	28	19.6	0.54	220.40	8.1	d		21	58	50	-32	28	12	0.536	226.8	1976.63538	1990.77258	13.6	15.4	——
3740	21	58	53.41	-57	56	5.1	1.00	100.01	28.0			21	58	55	-57	56	30	0.911	95.3	1980.59460	1995.51233	14.0	15.5	——
3741	21	59	34.81	-59	45	11.7	0.92	104.51	24.5			21	59	32	-59	45	24	0.886	96.1	1980.59460	1995.51233	10.3	11.4	——
3742	22	00	53.95	09	56	21.2	0.53	172.46	15.2			22	00	54	09	56	6	0.523	174.4	1954.51624	1990.71021	11.2	12.3	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3743	22	01	11.34	27	09	41.2	0.64	92.58	7.0		22	01	11	27	09	36	0.598	93.9	1950.61194	1990.77856	14.0	15.5	—
3744	22	02	0.92	-19	29	1.0	0.98	90.83	5.2		22	02	1	-19	29	6	0.928	85.1	1977.54163	1991.74792	11.3	12.9	—
3745	22	02	10.49	01	24	1.5	0.37	228.24	23.6	bs	22	02	9	01	23	54	0.572	239.9	1981.71912	1990.63367	9.8	11.3	—
3746	22	02	29.52	-37	04	54.7	0.97	110.34	7.8		22	02	30	-37	05	0	0.836	105.6	1976.63538	1990.77258	11.9	13.4	—
3747	22	02	57.17	20	01	30.7	0.61	82.60	70.6		22	02	54	20	00	36	0.571	77.3	1950.54089	1990.72937	14.0	15.5	—
3748	22	03	27.00	-50	38	39.8	0.58	153.64	180.7		22	03	8	-50	38	42	0.581	147.7	1977.77368	1996.68579	11.9	13.4	—
3749	22	03	21.49	67	29	58.6	0.65	121.60	9.7		22	03	20	67	29	54	0.568	121.0	1954.59521	1991.69934	13.3	14.8	—
3750	22	04	05.81	-69	55	29.8	0.62	96.85	21.1	TBbd	22	04	8	-69	55	12	0.632	97.2	1985.44043	1990.79175	11.2	12.2	9328-01424-1
3751	22	04	8.33	-69	55	41.2	2.58	103.75	17.6	Bbd	22	04	9	-69	55	24	0.632	97.2	1985.44043	1990.79175	14.0	15.5	—
3752	22	04	20.94	-75	13	26.1	0.53	275.65	28.4		22	04	18	-75	13	0	0.504	277.9	1977.78186	1996.77319	14.9	14.8	—
3753	22	04	38.00	-31	27	15.4	0.63	141.57	2.6		22	04	38	-31	27	18	0.530	141.7	1979.48145	1995.62744	17.2	17.8	—
3754	22	04	41.11	-19	46	43.0	1.03	111.30	1.9	c	22	04	41	-19	46	42	0.895	110.0	1977.54163	1991.74792	13.3	14.8	—
3755	22	04	51.15	00	13	7.6	0.65	210.98	12.8		22	04	52	00	13	6	0.642	210.4	1954.57092	1990.63367	14.9	16.4	—
3756	22	05	54.44	-38	16	5.7	0.78	131.00	30.1		22	05	57	-38	16	6	0.784	131.0	1980.54822	1995.63013	11.8	13.9	—
3757	22	06	30.91	-08	37	57.3	0.68	116.00	3.6	P	22	06	31	-08	37	54	0.677	116.0	1979.72192	—	16.0	17.5	—
3758	22	06	41.80	53	07	50.3	0.63	237.30	21.7	TP	22	06	42	53	08	12	0.634	237.9	1952.70007	—	7.9	8.8	3969-03790-1
3759	22	06	45.41	-10	08	45.4	0.56	125.10	16.6	P	22	06	45	-10	08	30	0.564	125.1	1979.72192	—	16.5	18.3	—
3760	22	06	46.49	03	25	2.5	0.62	125.12	8.4		22	06	47	03	25	6	0.601	125.7	1954.57092	1994.59265	12.9	14.7	—
3761	22	07	22.55	-35	07	54.9	0.99	123.06	20.2		22	07	21	-35	07	48	0.895	118.1	1976.63538	1990.77258	15.4	—	—
3762	22	08	39.63	-08	15	46.5	0.56	142.90	71.1	P	22	08	39	-08	14	36	0.565	142.9	1979.72192	—	17.9	20.7	—
3763	22	09	10.44	-08	59	40.8	0.51	107.20	9.8	P	22	09	10	-08	59	48	0.514	107.2	1979.72192	—	15.5	16.6	—
3764	22	09	18.41	-07	55	22.1	0.71	162.67	6.4	dm	22	09	18	-07	55	24	0.659	177.7	1979.72192	1991.67126	12.7	14.2	—
3765	22	09	18.41	-07	55	22.1	0.71	162.67	6.4	dm	22	09	18	-07	55	24	0.659	177.7	1979.72192	1991.67126	13.4	15.0	—
3766	22	09	27.86	-78	55	38.5	0.57	147.21	36.2	T	22	09	40	-78	55	48	0.566	141.7	1976.65466	1992.57104	11.0	12.0	9483-00135-1
3767	22	10	31.50	22	47	48.5	0.55	262.75	8.8		22	10	31	22	47	54	0.584	264.9	1950.61194	1990.77856	9.7	11.0	—
3768	22	11	5.30	-19	40	7.3	0.59	219.15	4.4		22	11	5	-19	40	6	0.597	226.1	1977.54163	1991.74792	17.1	20.7	—
3769	22	11	13.98	-36	06	29.6	0.61	183.81	11.9		22	11	13	-36	06	30	0.546	200.1	1976.63538	1990.77258	15.5	—	—
3770	22	11	31.47	18	05	33.1	0.54	85.95	7.3		22	11	31	18	05	36	0.508	82.7	1950.54089	1990.72937	9.9	10.5	—
3771	22	12	6.58	31	33	39.2	0.55	213.45	11.5		22	12	6	31	33	48	0.512	221.3	1951.73206	1988.76538	10.9	12.2	—
3772	22	12	16.27	-03	45	39.1	0.72	201.52	14.3	b	22	12	17	-03	45	30	0.636	216.4	1982.77930	1991.67126	16.7	18.4	—
3773	22	12	36.09	08	33	11.2	0.70	166.40	1.6		22	12	36	08	33	12	0.681	172.2	1953.62292	1987.71570	11.2	12.8	—
3774	22	12	43.13	64	21	10.3	0.54	60.91	21.0		22	12	42	64	21	30	0.585	53.5	1952.63208	1991.69934	15.9	17.2	—
3775	22	12	56.15	-18	15	22.6	0.67	186.80	5.0		22	12	56	-18	15	18	0.633	196.3	1977.54163	1991.74792	13.9	15.4	—
3776	22	13	42.99	-17	41	10.1	1.01	111.04	14.7		22	13	42	-17	41	6	0.887	111.7	1977.54163	1991.74792	12.9	14.7	—
3777	22	13	47.23	-06	27	15.8	0.59	147.09	5.1	Bd	22	13	47	-06	27	12	0.550	139.9	1983.53894	1991.67126	13.9	15.0	—
3778	22	13	50.84	-06	27	13.8	0.59	148.58	12.7	Bd	22	13	50	-06	27	12	0.550	139.9	1983.53894	1991.67126	14.1	15.1	—
3779	22	14	9.02	37	27	11.5	0.54	213.33	12.1		22	14	8	37	27	12	0.560	219.5	1953.68567	1992.66455	16.8	16.6	—
3780	22	14	24.00	-08	44	41.9	0.58	189.44	0.1	HBb	22	14	24	-08	44	42	0.608	188.9	1983.69739	1989.72876	12.0	—	109801
3781	22	14	31.55	27	51	17.9	0.54	339.28	14.1		22	14	31	27	51	30	0.569	333.4	1951.73206	1988.76538	10.8	12.3	—
3782	22	14	38.66	-41	22	54.0	0.98	144.15	7.4	Tcs	22	14	38	-41	22	54	0.966	144.5	1980.54822	1995.63013	6.3	7.0	7999-01575-1
3783	22	16	20.43	70	56	39.0	0.88	95.09	9.4		22	16	21	70	56	30	0.929	92.9	1952.63477	1991.68567	13.4	14.5	—
3784	22	16	50.77	28	32	5.6	0.57	92.14	10.1		22	16	50	28	32	6	0.527	87.5	1951.73206	1988.76538	13.3	15.4	—
3785	22	17	11.22	31	38	20.0	0.58	118.89	16.0		22	17	10	31	38	24	0.515	119.1	1951.73206	1988.76538	17.3	19.8	—
3786	22	17	15.14	12	53	54.6	0.86	83.39	2.1	Ts	22	17	15	12	53	54	0.851	83.3	1954.51624	1995.57629	7.1	7.8	1145-01388-1
3787	22	17	19.04	-08	48	13.4	0.49	227.66	13.4	Bbcdm	22	17	19	-08	48	0	0.537	239.1	1983.69739	1989.72876	13.1	14.8	—
3788	22	17	18.82	-08	48	20.8	0.42	209.68	15.1	Bbcdm	22	17	19	-08	48	6	0.537	239.1	1983.69739	1989.72876	14.0	15.6	—
3789	22	17	53.31	-36	11	22.6	0.69	167.38	5.9		22	17	53	-36	11	18	0.554	167.6	1980.60547	1995.72327	14.1	—	—
3790	22	18	15.62	-53	37	37.5	0.77	145.38	11.9	Tcs	22	18	15	-53	37	48	0.795	147.5	1978.79736	1993.69043	5.5	6.1	8822-01455-1
3791	22	18	32.02	-30	56	56.0	0.82	179.00	2.0	P	22	18	32	-30	56	54	0.820	179.0	1977.62891	—	13.5	14.8	—

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3792	22	19	13.21	-41	24	1.6	0.63	105.08	31.4			22	19	16	-41	24	0	0.568	100.3	1980.54822	1995.63013	10.7	12.2	——
3793	22	19	23.71	-28	23	20.0	0.90	106.10	4.3	P		22	19	24	-28	23	18	0.896	106.1	1977.62891	——	14.1	15.7	——
3794	22	19	48.48	-65	29	18.4	0.73	160.55	42.5			22	19	49	-65	28	36	0.660	160.1	1976.55920	1991.67395	14.7	14.6	——
3795	22	20	27.54	12	14	58.6	0.61	106.86	8.1			22	20	27	12	15	0	0.532	106.0	1953.83057	1987.71570	12.9	14.2	——
3796	22	20	40.53	28	35	49.9	0.55	189.10	8.1			22	20	40	28	35	54	0.513	191.4	1951.73206	1988.76538	14.0	16.3	——
3797	22	20	45.88	29	45	48.2	0.71	186.39	6.0			22	20	46	29	45	54	0.676	188.8	1951.73206	1988.76538	12.3	14.5	——
3798	22	20	51.78	-42	18	27.1	0.65	118.80	21.8			22	20	50	-42	18	18	0.564	118.8	1975.53345	1990.78076	11.2	12.7	——
3799	22	23	7.11	-17	36	27.9	1.27	145.45	16.3	Bb		22	23	6	-17	36	24	0.778	158.3	1985.45422	1989.66028	12.4	14.1	——
3800	22	23	9.82	-43	27	39.5	0.99	118.23	13.1			22	23	9	-43	27	30	0.863	117.4	1975.53345	1990.78076	14.0	—	——
3801	22	23	29.57	14	23	26.3	0.68	149.94	7.3			22	23	30	14	23	30	0.662	149.6	1953.83057	1995.57629	13.0	14.1	——
3802	22	23	33.29	-57	13	14.3	0.70	122.69	29.8	T		22	23	35	-57	12	48	0.694	116.7	1979.70557	1995.51233	11.0	12.8	8825-00875-1
3803	22	25	11.02	-72	24	48.0	0.47	172.87	123.3			22	24	45	-72	24	12	0.512	161.7	1977.78186	1996.77319	15.1	16.6	——
3804	22	25	5.25	-47	52	48.5	0.93	141.78	34.3			22	25	7	-47	53	18	0.782	143.3	1980.77173	1995.64661	12.3	13.8	——
3805	22	25	48.65	-35	08	11.9	0.78	125.19	8.0			22	25	48	-35	08	12	0.661	123.8	1980.60547	1995.72327	17.1	—	——
3806	22	25	56.80	-05	26	0.6	0.52	189.40	3.0	P		22	25	57	-05	26	0	0.515	189.4	1983.53894	——	16.7	18.2	——
3807	22	26	0.98	-20	50	30.6	0.78	216.10	0.6	P		22	26	1	-20	50	30	0.778	216.1	1985.45422	——	11.9	13.2	——
3808	22	26	15.88	03	00	17.1	0.66	224.58	28.7	d		22	26	14	03	00	12	0.663	228.4	1951.68848	1990.62830	13.7	15.5	——
3809	22	26	15.61	03	00	6.4	0.71	224.14	24.9	cd		22	26	14	03	00	0	0.663	228.4	1951.68848	1990.62830	15.8	17.7	——
3810	22	26	16.80	48	37	29.2	0.58	46.90	9.5	dm		22	26	16	48	37	24	0.591	41.2	1952.71094	1989.65283	16.1	17.4	——
3811	22	26	16.80	48	37	29.1	0.58	46.91	9.5	dm		22	26	16	48	37	24	0.591	41.2	1952.71094	1989.65283	16.9	18.2	——
3812	22	26	32.34	54	32	13.8	0.55	93.17	7.1			22	26	33	54	32	18	0.550	92.3	1952.70007	1990.64478	12.8	13.9	——
3813	22	26	37.37	-47	22	0.4	0.61	225.71	27.5			22	26	40	-47	21	54	0.565	236.5	1980.77173	1995.64661	13.1	14.6	——
3814	22	28	00.34	57	41	44.4	0.78	245.79	14.4	Hdm		22	27	59	57	41	54	0.852	242.6	1953.83044	1990.64478	11.4	—	110893B
3815	22	28	00.34	57	41	44.4	0.78	245.79	14.4	Hdm		22	27	59	57	41	54	0.852	242.6	1953.83044	1990.64478	11.4	—	110893B
3816	22	28	12.64	-30	22	49.1	0.56	188.48	8.5			22	28	13	-30	22	42	0.501	189.8	1977.62891	1995.77808	16.2	18.4	——
3817	22	29	15.21	-30	01	6.9	0.85	163.38	2.9	s		22	29	15	-30	01	6	0.831	165.5	1980.74719	1995.77808	8.3	9.5	——
3818	22	29	19.04	43	39	20.7	0.60	123.46	9.3			22	29	19	43	39	30	0.557	122.4	1952.55298	1989.75659	13.9	15.4	——
3819	22	29	37.27	-15	10	40.9	0.77	109.16	4.0	Bb		22	29	37	-15	10	42	0.555	102.2	1982.53882	1989.66028	17.1	18.7	——
3820	22	30	16.54	-02	40	24.0	0.87	76.22	6.9	Bb		22	30	17	-02	40	24	0.500	106.3	1983.53894	1986.75610	15.7	17.4	——
3821	22	30	55.71	15	23	52.4	0.54	71.51	8.7			22	30	56	15	24	0	0.544	68.4	1953.83057	1995.57629	17.7	17.6	——
3822	22	31	22.96	73	05	47.1	0.66	61.84	11.9			22	31	22	73	05	36	0.647	63.3	1952.63477	1992.72192	14.9	16.2	——
3823	22	31	28.06	38	54	31.8	0.55	230.61	4.3			22	31	28	38	54	36	0.558	234.7	1953.60925	1989.67188	13.6	15.3	——
3824	22	31	39.13	-29	53	24.0	0.60	140.60	12.1			22	31	39	-29	53	36	0.503	142.6	1980.74719	1995.77808	11.1	12.2	——
3825	22	32	5.45	-04	42	13.3	0.69	127.50	8.3	P		22	32	6	-04	42	12	0.688	127.5	1983.53894	——	12.0	13.3	——
3826	22	32	53.51	-29	14	32.2	0.63	140.31	7.0			22	32	53	-29	14	30	0.527	139.7	1980.74719	1995.77808	14.0	15.5	——
3827	22	32	58.53	41	32	31.9	0.58	184.93	6.3			22	32	58	41	32	30	0.574	189.7	1952.55298	1989.67188	16.1	17.6	——
3828	22	33	02.23	09	22	40.7	0.56	75.16	3.7	T		22	33	2	09	22	42	0.542	72.0	1954.57922	1990.63647	10.6	12.3	1151-00487-1
3829	22	34	10.55	63	18	56.8	0.64	74.79	9.6			22	34	10	63	18	48	0.597	77.0	1953.83044	1991.68298	13.8	15.1	——
3830	22	34	18.52	63	38	19.2	0.52	115.70	3.6			22	34	18	63	38	18	0.504	124.9	1953.83044	1991.68298	15.3	16.6	——
3831	22	34	23.19	-16	59	45.4	0.60	100.01	3.8	Bb		22	34	23	-16	59	48	0.510	87.5	1982.63733	1991.53967	15.4	16.9	——
3832	22	34	28.11	-38	50	57.4	0.60	168.86	3.6			22	34	28	-38	50	54	0.550	175.9	1977.70813	1990.72058	15.6	—	——
3833	22	36	9.71	00	50	30.3	0.57	165.95	12.0	s		22	36	9	00	50	36	0.620	173.2	1951.68848	1995.58716	9.8	11.4	——
3834	22	36	35.44	-02	40	51.5	0.58	211.09	8.7			22	36	36	-02	40	54	0.591	221.3	1982.79297	1995.58716	15.5	17.6	——
3835	22	36	52.06	30	08	10.9	0.63	53.80	1.4	P		22	36	52	30	08	12	0.627	53.8	1954.60095	——	13.5	15.1	——
3836	22	38	2.92	-65	50	9.4	0.71	120.30	73.4			22	37	59	-65	49	0	0.711	119.5	1978.57715	1996.68030	14.8	16.4	——
3837	22	38	17.35	-04	56	20.8	0.51	353.40	34.2	P		22	38	18	-04	55	48	0.508	353.4	1982.79297	——	17.9	21.0	——
3838	22	38	30.91	10	32	21.6	0.60	206.97	13.9	T		22	38	30	10	32	18	0.603	205.5	1953.83057	1990.63647	9.5	10.4	1155-01029-1
3839	22	38	29.08	-65	22	42.6	0.85	100.89	19.0	H		22	38	32	-65	22	48	0.853	101.4	1978.57715	1996.68030	12.1	—	111766A
3840	22	38	32.51	-02	15	23.6	0.83	110.49	9.2			22	38	33	-02	15	18	0.685	106.5	1982.79297	1995.58716	12.5	14.1	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3841	22	39	50.02	-36	16	14.8	0.10	67.75	19.0		22	39	51	-36	16	0	0.865	170.1	1984.63818	1996.60925	16.6	—	——
3842	22	40	58.09	-45	43	26.1	0.55	132.70	41.0		22	40	59	-45	44	6	0.502	130.5	1976.73914	1992.63940	12.6	14.1	——
3843	22	41	31.72	-02	25	4.0	0.83	160.66	10.9		22	41	32	-02	24	54	0.599	173.5	1982.79297	1995.58716	16.8	18.6	——
3844	22	41	58.14	-69	10	8.4	0.81	155.63	46.1		22	41	52	-69	09	36	0.785	157.1	1978.81750	1996.78418	15.7	17.3	——
3845	22	42	44.50	00	24	0.2	0.80	111.10	7.5		22	42	44	00	24	0	0.629	112.3	1982.84216	1995.58716	15.7	16.8	——
3846	22	44	0.10	-04	57	56.9	0.66	49.90	3.3	P	22	44	0	-04	57	54	0.660	49.9	1982.79297	——	14.4	16.3	——
3847	22	44	56.31	-02	21	12.8	0.78	108.23	4.7	T	22	44	56	-02	21	12	0.778	110.2	1982.79297	1995.58716	11.6	12.2	5234-02077-1
3848	22	45	57.11	-14	35	15.5	0.85	145.09	13.2	b	22	45	58	-14	35	18	0.692	145.3	1982.63733	1991.53967	16.2	17.7	——
3849	22	46	11.53	-17	01	48.7	0.75	109.08	7.7	b	22	46	11	-17	01	48	0.582	104.4	1982.63733	1991.53967	15.7	17.2	——
3850	22	46	26.55	-06	39	28.4	1.09	125.06	9.3	b	22	46	26	-06	39	24	0.865	128.0	1982.79297	1991.53967	14.9	16.5	——
3851	22	46	41.58	12	10	22.4	0.54	154.61	6.3	Tcdms	22	46	42	12	10	24	0.545	155.0	1953.63123	1990.63647	4.3	4.8	1155-02186-1
3852	22	46	41.64	12	10	19.7	0.60	155.00	20.0	cdms	22	46	43	12	10	18	0.545	155.0	1953.63123	1990.63647	11.6	13.1	——
3853	22	46	49.73	44	20	2.4	0.84	236.88	3.7	T	22	46	50	44	20	0	0.901	238.7	1952.55298	1989.74841	10.5	12.0	3226-02288-1
3854	22	47	54.19	31	52	13.9	0.51	73.42	10.5		22	47	55	31	52	12	0.500	69.0	1954.60095	1991.70483	12.6	14.3	——
3855	22	48	17.39	-36	47	23.6	0.88	106.94	7.3		22	48	18	-36	47	24	0.807	109.4	1984.63818	1996.60925	11.9	13.4	——
3856	22	48	22.61	12	32	9.0	0.53	95.58	6.5		22	48	23	12	32	12	0.518	92.5	1953.63123	1990.63647	15.9	17.5	——
3857	22	49	5.71	22	36	31.1	0.58	88.75	9.9		22	49	5	22	36	30	0.506	86.2	1953.70496	1990.78674	14.2	14.3	——
3858	22	49	6.03	71	27	19.9	0.47	313.98	16.8		22	49	8	71	27	6	0.509	313.2	1952.63477	1991.68567	14.3	15.8	——
3859	22	50	37.71	34	51	21.8	0.90	70.15	10.4	T	22	50	38	34	51	12	0.889	71.3	1953.75146	1988.52844	12.2	13.7	2757-01498-1
3860	22	51	42.98	03	29	7.0	0.60	130.14	5.0		22	51	43	03	29	12	0.564	128.9	1953.91260	1991.76770	13.3	15.0	——
3861	22	51	53.53	31	45	15.1	0.53	95.74	7.4	T	22	51	53	31	45	18	0.513	95.6	1954.65576	1989.52991	11.9	13.3	2749-00801-1
3862	22	51	59.64	31	43	40.5	0.51	213.42	8.3		22	51	59	31	43	42	0.500	220.4	1954.65576	1989.52991	10.1	11.6	——
3863	22	52	11.48	-11	50	59.3	0.92	178.60	7.6	P	22	52	12	-11	51	0	0.916	178.6	1983.53076	——	14.8	16.6	——
3864	22	52	24.07	09	50	8.4	0.52	85.10	63.6	Tcs	22	52	24	09	51	12	0.520	84.7	1953.63123	1990.63647	5.2	5.7	1153-01558-1
3865	22	52	29.83	09	54	3.2	0.54	89.06	62.8		22	52	30	09	55	6	0.520	84.7	1953.63123	1991.76233	12.9	14.6	——
3866	22	52	45.46	-25	25	20.9	0.60	182.89	7.9		22	52	46	-25	25	18	0.599	179.3	1980.77429	1995.78906	17.4	20.2	——
3867	22	52	47.42	17	21	17.6	0.63	111.40	8.8		22	52	47	17	21	24	0.575	109.0	1954.58459	1990.70483	13.1	14.0	——
3868	22	52	52.57	16	40	59.2	0.59	132.75	8.2		22	52	52	16	41	0	0.531	131.1	1954.58459	1990.70483	17.7	19.0	——
3869	22	53	29.50	27	45	17.9	0.53	110.41	9.1	T	22	53	29	27	45	24	0.557	105.7	1954.65576	1990.80872	11.8	12.4	2242-00758-1
3870	22	53	35.72	-14	38	29.0	0.74	105.38	6.5	Bb	22	53	36	-14	38	24	0.576	93.4	1983.76306	1989.82190	17.8	17.6	——
3871	22	54	21.71	60	59	42.4	0.68	255.12	6.7		22	54	22	60	59	36	0.690	259.8	1953.83044	1991.67200	12.2	14.1	——
3872	22	54	46.57	-05	28	28.2	0.75	73.14	72.9	b	22	54	42	-05	28	54	0.693	62.2	1982.79565	1991.67944	13.1	15.2	——
3873	22	55	8.42	-06	05	31.3	0.64	168.78	9.6	Bb	22	55	8	-06	05	24	0.519	173.5	1982.79565	1991.67944	17.3	19.7	——
3874	22	55	49.98	-07	49	21.4	0.55	95.03	29.7	TBbcds	22	55	48	-07	49	18	0.561	96.0	1983.74927	1991.67944	8.1	8.8	5813-00175-1
3875	22	55	49.52	-07	50	3.3	0.47	91.76	22.8	Bbd	22	55	48	-07	50	0	0.561	96.0	1983.74927	1991.67944	16.1	16.2	——
3876	22	55	59.35	67	11	17.1	0.75	39.03	3.9		22	56	0	67	11	18	0.750	37.0	1952.63208	1991.68298	15.9	17.4	——
3877	22	56	12.79	68	15	28.6	0.78	65.10	4.6		22	56	12	68	15	30	0.748	63.2	1952.63208	1991.68567	14.5	16.2	——
3878	22	56	58.66	-01	43	13.4	0.60	224.19	5.3	Bb	22	56	59	-01	43	12	0.609	238.3	1983.53345	1990.77869	15.7	17.2	——
3879	22	57	41.01	37	19	21.5	0.66	232.88	2.5		22	57	41	37	19	24	0.643	237.2	1953.75146	1988.52844	12.3	13.6	——
3880	22	58	35.00	-08	36	18.0	0.54	123.90	—	2N	22	58	35	-08	36	18	0.538	123.9	1983.74927	——	15.3	16.4	——
3881	22	58	50.87	69	01	36.6	0.71	63.19	5.5	cdm	22	58	51	69	01	42	0.661	63.0	1952.63208	1991.68567	14.3	15.8	——
3882	22	58	53.80	69	01	50.1	0.66	63.32	5.8	Tcd	22	58	53	69	01	54	0.661	63.0	1952.63208	1991.68567	8.8	9.8	4477-00250-1
3883	22	59	42.68	-06	14	33.1	0.62	183.57	10.3	Bb	22	59	43	-06	14	24	0.522	201.1	1982.79565	1991.67944	17.4	19.5	——
3884	23	00	46.83	-74	32	0.2	0.82	220.79	171.7		23	00	4	-74	32	12	0.694	235.9	1977.76562	1993.76709	13.0	14.5	——
3885	23	00	16.12	-22	31	27.6	0.90	273.72	4.0	Tcs	23	00	16	-22	31	24	0.914	273.9	1980.52661	1995.80273	8.0	9.6	6971-00095-1
3886	23	00	27.75	-25	35	55.4	0.63	95.77	3.7		23	00	28	-25	35	54	0.631	96.3	1980.52661	1995.80273	12.8	14.6	——
3887	23	01	9.59	01	54	23.1	0.58	171.26	8.9		23	01	9	01	54	24	0.550	173.5	1953.91260	1990.77869	14.8	16.3	——
3888	23	01	10.92	-18	36	53.9	0.61	108.14	19.6	T	23	01	12	-18	37	6	0.601	109.9	1977.76843	1991.74524	11.9	13.1	6397-01233-1
3889	23	01	38.00	-54	30	0.0	0.57	125.10	—	NP	23	01	38	-54	30	0	0.572	125.1	1980.48303	——	11.5	13.0	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3890	23	02	56.27	-35	23	18.5	0.49	172.39	3.3		23	02	56	-35	23	18	0.509	177.9	1980.76099	1996.75684	15.8	—	—
3891	23	03	37.68	-33	41	17.3	0.72	97.00	10.0		23	03	37	-33	41	12	0.629	92.4	1980.76099	1996.75684	14.8	—	—
3892	23	04	16.75	10	53	49.0	0.61	87.47	18.4		23	04	18	10	53	48	0.535	80.6	1953.63123	1991.76233	11.0	13.0	—
3893	23	04	30.61	-21	38	32.1	0.55	76.94	6.7		23	04	31	-21	38	36	0.502	67.8	1977.76843	1991.74524	14.9	16.6	—
3894	23	05	06.09	68	25	1.4	0.61	74.62	6.8	Tcs	23	05	7	68	25	6	0.622	74.3	1952.62939	1992.59668	7.6	8.3	4477-01014-1
3895	23	05	19.68	-15	40	14.2	0.77	158.82	5.1	Bb	23	05	20	-15	40	12	0.543	167.5	1983.76306	1989.82190	16.7	18.2	—
3896	23	05	42.70	-18	43	6.2	0.68	153.12	11.8		23	05	42	-18	43	0	0.564	155.6	1977.76843	1991.74524	15.2	16.7	—
3897	23	05	47.67	-02	10	41.1	0.93	114.49	7.1	b	23	05	48	-02	10	36	0.715	109.9	1983.53345	1990.77869	12.6	13.7	—
3898	23	07	46.93	-27	54	23.9	0.82	100.46	0.9		23	07	47	-27	54	24	0.773	97.3	1977.62634	1991.74792	11.4	13.5	—
3899	23	08	7.02	03	19	43.9	0.56	60.15	4.1		23	08	7	03	19	48	0.533	60.0	1953.74866	1990.78406	11.6	12.7	—
3900	23	09	10.73	-02	15	38.7	0.64	98.62	41.0	Tbcs	23	09	8	-02	15	36	0.632	98.5	1982.79565	1991.67944	8.7	9.9	5242-00229-1
3901	23	09	35.02	-36	57	60.0	0.72	207.32	6.0	cm	23	09	35	-36	57	54	0.773	213.1	1980.76099	1996.75684	14.6	—	—
3902	23	09	52.54	-11	46	48.5	1.16	101.67	10.2	b	23	09	52	-11	46	42	0.899	79.3	1983.74927	1989.82190	15.7	17.2	—
3903	23	10	0.65	39	16	26.5	0.62	82.54	8.0		23	10	0	39	16	24	0.603	80.6	1953.75146	1989.74573	13.9	15.2	—
3904	23	10	15.76	-25	55	52.7	0.72	88.11	3.5	T	23	10	16	-25	55	54	0.710	88.4	1980.52661	1995.80273	11.3	12.9	6975-01195-1
3905	23	10	22.65	-27	54	2.2	0.57	84.93	8.9		23	10	22	-27	54	0	0.512	77.6	1977.62634	1991.74792	13.9	15.6	—
3906	23	10	26.52	-63	41	11.9	0.57	94.24	20.6		23	10	28	-63	41	30	0.508	94.9	1980.91101	1996.61743	11.5	13.0	—
3907	23	10	38.23	-01	59	30.5	0.88	138.94	11.5	Bb	23	10	39	-01	59	30	0.565	143.9	1983.53345	1990.77869	15.2	16.3	—
3908	23	11	1.95	-39	36	45.2	0.48	102.27	3.3		23	11	2	-39	36	42	0.501	108.6	1982.63171	1996.61206	15.4	—	—
3909	23	12	11.37	-14	06	12.9	0.82	179.32	5.4	Bb	23	12	11	-14	06	12	0.748	197.3	1983.76306	1989.82190	12.0	13.5	—
3910	23	12	14.32	-17	45	47.9	0.54	207.25	7.5		23	12	14	-17	45	42	0.523	217.9	1977.76843	1991.74524	14.1	15.7	—
3911	23	13	19.59	-11	06	17.4	0.85	104.10	10.9	P	23	13	19	-11	06	24	0.848	104.1	1983.81775	—	14.7	15.8	—
3912	23	14	06.59	-62	42	0.0	0.64	131.65	10.9	Tcs	23	14	5	-62	42	0	0.639	132.0	1980.91101	1996.61743	6.2	7.1	9128-01083-1
3913	23	14	7.38	-08	55	27.8	0.55	92.20	6.8	PWd	23	14	7	-08	55	24	0.552	92.2	1983.81775	—	8.4	8.9	—
3914	23	14	7.58	-08	55	52.4	0.55	92.20	9.7	PWd	23	14	7	-08	55	48	0.552	92.2	1983.81775	—	8.8	9.7	—
3915	23	14	28.72	-74	43	14.8	0.69	102.28	24.4		23	14	23	-74	43	24	0.650	92.1	1977.76562	1993.76709	12.5	14.0	—
3916	23	15	58.14	-81	22	23.7	0.57	88.16	167.6		23	15	9	-81	20	18	0.531	82.6	1976.65466	1992.57104	10.5	11.8	—
3917	23	15	18.97	-02	09	42.7	0.72	85.48	23.3	b	23	15	19	-02	10	6	0.604	71.7	1981.74927	1990.65845	16.2	16.3	—
3918	23	15	43.60	-12	21	49.2	0.57	115.70	10.0	2?d	23	15	43	-12	21	54	0.569	115.7	1982.85046	1989.82190	11.8	13.6	—
3919	23	15	52.72	-12	22	15.7	0.57	115.70	11.1	Pd	23	15	52	-12	22	12	0.569	115.7	1982.85046	—	15.2	16.6	—
3920	23	17	09.94	03	16	56.2	0.76	88.66	14.3	Tcs	23	17	9	03	16	54	0.756	88.2	1953.74866	1993.63928	3.8	4.8	0580-01884-1
3921	23	17	17.33	-66	56	17.6	0.57	142.48	14.8	cds	23	17	15	-66	56	12	0.517	138.5	1980.91101	1996.61743	9.3	10.4	—
3922	23	17	20.66	-66	55	10.1	0.56	141.09	10.6	cds	23	17	19	-66	55	6	0.517	138.5	1980.91101	1996.61743	9.1	10.2	—
3923	23	17	24.56	38	12	40.8	0.46	204.01	8.1		23	17	24	38	12	36	0.531	196.4	1953.82520	1989.75122	10.9	12.9	—
3924	23	17	33.04	-46	08	13.2	0.65	113.93	50.2		23	17	37	-46	08	42	0.565	106.1	1976.63550	1991.69861	13.8	15.3	—
3925	23	17	50.41	-48	18	49.7	0.92	157.92	58.4		23	17	45	-48	19	12	0.799	157.7	1980.54028	1992.86890	13.4	14.9	—
3926	23	17	46.48	-25	19	43.8	0.82	99.44	8.2	c	23	17	47	-25	19	48	0.755	99.1	1980.52661	1995.80273	16.6	19.3	—
3927	23	18	15.60	-30	27	13.0	0.99	150.24	34.0		23	18	13	-30	27	18	0.958	153.6	1977.62915	1996.68579	13.6	15.4	—
3928	23	19	11.41	-37	21	13.4	0.45	200.28	8.9		23	19	11	-37	21	6	0.512	205.9	1976.50208	1996.75684	17.5	—	—
3929	23	19	29.02	-03	28	9.0	0.74	151.23	3.0	Bb	23	19	29	-03	28	6	0.516	158.8	1982.84497	1988.83606	12.7	14.5	—
3930	23	19	30.50	56	47	54.9	0.58	211.23	29.2		23	19	34	56	48	0	0.597	212.0	1952.70837	1990.78955	13.6	15.3	—
3931	23	19	58.27	28	52	4.0	0.75	96.42	4.0	Ts	23	19	58	28	52	6	0.746	94.7	1953.92908	1991.75952	8.9	9.8	2249-00345-1
3932	23	20	6.01	-12	42	48.7	0.63	86.30	5.3	P	23	20	6	-12	42	54	0.628	86.3	1982.85046	—	12.7	14.5	—
3933	23	20	7.15	11	50	6.7	0.64	135.22	5.7		23	20	7	11	50	12	0.628	134.0	1951.60095	1991.70764	18.0	21.0	—
3934	23	20	20.81	-71	05	33.2	0.52	119.80	10.9	P	23	20	22	-71	05	24	0.518	119.8	1977.77661	—	13.3	14.6	—
3935	23	21	13.45	-11	37	24.0	0.73	108.20	6.6	P	23	21	13	-11	37	24	0.729	108.2	1983.81775	—	15.7	17.6	—
3936	23	21	36.51	44	05	52.4	0.67	71.03	5.5	Tcs	23	21	37	44	05	54	0.675	70.9	1953.83069	1989.67737	7.4	8.4	3242-01196-1
3937	23	22	11.34	-06	52	13.7	0.99	106.82	9.9	Bb	23	22	12	-06	52	12	0.803	104.3	1982.84497	1988.83606	16.9	18.5	—
3938	23	22	58.55	80	50	51.1	0.53	49.13	18.3		23	22	51	80	50	48	0.521	49.4	1954.72314	1996.64026	14.5	16.0	—

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3939	23	23	04.90	-10	45	51.3	0.52	60.06	3.1	TPW	23	23	5	-10	45	54	0.509	59.4	1983.81775	——	7.9	8.9	5825-00174-1
3940	23	24	0.05	28	34	1.4	0.77	100.13	14.6		23	23	59	28	34	6	0.737	97.2	1953.92908	1991.75952	15.1	16.7	——
3941	23	24	41.02	-03	03	27.8	0.56	199.99	3.8	Bb	23	24	41	-03	03	24	0.530	225.0	1982.84497	1988.83606	12.8	14.7	——
3942	23	25	11.46	34	17	14.0	0.75	199.84	19.2	s	23	25	13	34	17	12	0.753	204.8	1953.82520	1989.53259	9.6	10.7	——
3943	23	25	16.52	00	57	50.5	0.81	132.26	8.5	b	23	25	16	00	57	54	0.646	139.8	1981.74927	1990.65845	11.7	12.8	——
3944	23	25	38.81	-18	49	1.2	0.88	203.40	3.0	P	23	25	39	-18	49	0	0.877	203.4	1980.82629	——	15.4	16.9	——
3945	23	25	53.47	24	32	15.9	0.54	97.06	6.7		23	25	53	24	32	18	0.528	94.5	1953.76782	1995.65027	12.8	14.1	——
3946	23	25	55.59	29	11	41.3	0.60	124.83	8.6	T	23	25	56	29	11	48	0.578	125.3	1953.92908	1991.75952	11.2	12.3	2249-01146-1
3947	23	26	12.45	08	53	37.0	0.59	69.61	8.3		23	26	12	08	53	42	0.537	68.7	1951.60657	1991.70764	11.6	12.7	——
3948	23	26	32.59	12	09	32.7	0.76	71.82	6.6		23	26	33	12	09	30	0.707	70.0	1951.60095	1991.70764	12.1	13.9	——
3949	23	26	38.02	-46	51	7.7	0.63	132.48	36.4		23	26	41	-46	50	48	0.521	136.4	1976.63550	1991.69861	14.7	16.2	——
3950	23	27	2.93	07	38	55.6	0.66	77.21	4.5		23	27	3	07	39	0	0.623	73.7	1951.60657	1993.63928	15.6	16.5	——
3951	23	27	3.74	36	34	13.4	0.70	207.86	11.1		23	27	4	36	34	24	0.665	210.6	1953.82520	1989.53259	13.7	15.0	——
3952	23	27	3.92	12	56	3.0	0.88	92.76	3.2		23	27	4	12	56	6	0.844	90.2	1951.60095	1990.81152	12.3	13.6	——
3953	23	27	15.39	-02	46	26.7	0.74	163.18	6.8	Bb	23	27	15	-02	46	30	0.518	178.9	1982.84497	1988.83606	14.6	16.1	——
3954	23	27	26.48	-17	41	33.6	0.55	176.30	11.8	P	23	27	26	-17	41	24	0.545	176.3	1980.82629	——	17.0	19.8	——
3955	23	27	24.14	-78	01	49.8	0.71	102.88	11.7		23	27	26	-78	02	0	0.590	96.0	1977.76855	1992.57104	13.2	14.7	——
3956	23	28	0.18	-40	26	57.7	0.53	133.80	10.0	P	23	28	1	-40	26	54	0.533	133.8	1976.50208	——	13.4	14.9	——
3957	23	28	44.55	42	42	41.6	0.98	70.63	5.0		23	28	45	42	42	42	0.971	66.0	1952.63220	1989.75122	13.8	15.4	——
3958	23	29	28.60	25	15	6.5	0.58	198.14	9.8		23	29	28	25	15	12	0.565	202.3	1953.76782	1995.65027	18.0	20.7	——
3959	23	29	21.65	-46	46	58.8	0.87	116.71	118.2		23	29	33	-46	47	18	0.686	110.3	1976.63550	1991.69861	12.9	14.4	——
3960	23	30	19.25	18	27	55.4	0.70	127.89	10.8	T	23	30	20	18	27	54	0.695	128.7	1951.61475	1990.70215	11.8	13.4	1723-00666-1
3961	23	30	34.45	30	43	59.5	0.69	80.09	8.7		23	30	34	30	44	6	0.654	76.4	1953.92908	1991.75952	16.7	18.0	——
3962	23	30	45.40	07	26	25.7	0.57	66.11	7.3		23	30	45	07	26	30	0.580	61.8	1951.60657	1993.63928	15.0	15.9	——
3963	23	31	18.48	36	21	31.3	0.56	96.30	7.8	P	23	31	19	36	21	36	0.561	96.3	1953.82520	——	15.7	17.4	——
3964	23	31	46.03	-42	40	12.0	0.56	209.95	0.4		23	31	46	-42	40	12	0.545	216.7	1976.63550	1991.69861	16.1	—	——
3965	23	31	52.18	19	56	14.3	0.55	94.69	12.1	Tdm	23	31	53	19	56	18	0.560	91.7	1954.65320	1990.70215	10.5	12.3	1723-00023-1
3966	23	31	52.53	19	56	13.9	0.60	88.36	6.8	Hdm	23	31	53	19	56	12	0.560	91.7	1954.65320	1990.70215	12.4	—	116132B
3967	23	31	55.13	69	17	15.7	0.59	243.20	6.4		23	31	54	69	17	18	0.605	245.4	1952.62939	1992.59668	15.8	16.9	——
3967a	23	32	5.45	-05	14	36.3	0.77	115.45	6.7	Bb	23	32	5	-05	14	36	0.512	104.6	1982.84497	1988.83606	15.4	16.7	——
3968	23	32	10.22	33	41	42.5	0.50	84.00	2.8	P	23	32	10	33	41	42	0.500	84.0	1953.92908	——	13.3	14.6	——
3969	23	32	45.26	-24	38	15.1	0.65	144.83	10.6		23	32	46	-24	38	12	0.600	149.4	1977.55261	1992.57104	16.0	17.6	——
3970	23	33	40.81	-21	33	53.1	0.92	110.23	2.8		23	33	41	-21	33	54	0.794	116.2	1980.82629	1992.57104	16.5	18.5	——
3971	23	34	16.42	-40	44	6.1	0.75	104.40	19.1	P	23	34	17	-40	44	24	0.753	104.4	1976.50208	——	15.5	—	——
3972	23	34	28.35	-60	18	41.2	0.63	139.66	30.9		23	34	28	-60	19	12	0.545	134.5	1979.51160	1994.51233	12.6	14.1	——
3973	23	34	33.93	45	31	22.5	0.61	96.11	9.9		23	34	33	45	31	24	0.580	95.3	1952.63220	1989.67737	16.3	18.5	——
3974	23	34	44.11	38	20	21.1	0.58	90.43	3.1		23	34	44	38	20	24	0.587	91.5	1953.82520	1989.75122	16.7	18.6	——
3975	23	34	52.30	-46	53	42.2	0.53	110.45	90.8		23	34	51	-46	55	12	0.531	126.2	1976.63550	1991.69861	12.4	13.9	——
3976	23	35	28.90	31	01	1.9	0.60	64.70	2.2	Tcdms	23	35	29	31	01	0	0.605	64.7	1953.92908	1991.75952	6.9	7.6	2766-00652-1
3977	23	35	29.14	31	00	59.6	0.65	68.92	11.0	cdms	23	35	30	31	01	0	0.605	64.7	1953.92908	1991.75952	13.1	14.8	——
3978	23	35	41.46	06	11	18.8	0.64	69.80	8.1		23	35	42	06	11	18	0.628	62.8	1953.62305	1986.77051	14.9	16.7	——
3979	23	35	42.39	03	50	26.0	0.56	112.98	7.1		23	35	42	03	50	30	0.540	104.5	1953.62305	1986.77051	13.6	15.1	——
3980	23	35	44.55	41	58	1.9	0.72	81.18	5.4		23	35	45	41	58	0	0.714	77.2	1952.63220	1989.75122	11.1	12.6	——
3981	23	35	52.41	05	01	16.7	0.54	133.16	6.2	H	23	35	52	05	01	18	0.541	130.9	1953.62305	1986.77051	12.1	—	116459
3982	23	36	06.00	18	26	33.7	0.71	73.46	2.3	Tcs	23	36	6	18	26	36	0.712	72.6	1954.65320	1990.70215	7.7	8.5	1723-01058-1
3983	23	36	3.77	-43	29	14.7	0.77	200.31	100.5		23	36	13	-43	29	12	0.706	205.9	1976.63550	1991.69861	14.3	—	——
3984	23	37	0.00	-38	03	12.0	0.74	162.50	—	N	23	37	0	-38	03	12	0.745	162.5	1976.50208	1996.71313	18.0	—	——
3985	23	37	2.49	50	27	56.3	0.67	101.68	14.4		23	37	1	50	27	54	0.586	106.0	1954.58484	1990.72949	16.5	18.1	——
3986	23	37	24.75	12	43	26.1	0.55	161.05	5.3	T	23	37	25	12	43	30	0.528	160.3	1951.60925	1986.74585	11.9	12.8	1175-01463-1

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
3987	23	38	8.00	-11	32	12.0	0.86	233.50	—	2N	23	38	8	-11	32	12	0.863	233.5	1983.69751	1991.67676	16.6	19.1	——
3988	23	38	13.06	-69	06	0.3	1.06	103.79	42.5	b	23	38	21	-69	06	0	0.908	98.5	1977.77661	1987.72876	13.3	14.8	——
3989	23	38	39.71	-31	10	53.3	0.22	93.02	67.4		23	38	39	-31	12	0	0.701	170.3	1980.54297	1996.61206	13.0	13.6	——
3990	23	38	39.85	-19	00	19.2	0.51	103.50	2.5	2	23	38	40	-19	00	18	0.508	103.5	1980.82629	——	14.1	15.8	——
3991	23	38	41.88	39	09	25.0	0.55	201.09	1.7		23	38	42	39	09	24	0.579	204.4	1953.82520	1989.75122	13.1	14.8	——
3992	23	39	18.91	-20	56	56.7	0.74	114.20	3.6	P	23	39	19	-20	57	0	0.736	114.2	1980.82629	——	16.5	18.0	——
3993	23	39	27.43	01	43	59.9	0.67	112.94	8.5		23	39	28	01	44	0	0.627	110.7	1951.90991	1987.72961	14.0	15.3	——
3994	23	39	35.92	-72	43	22.8	0.89	192.76	27.5	s	23	39	42	-72	43	18	0.744	170.0	1977.78210	1987.70410	7.3	8.4	——
3995	23	39	57.04	05	37	34.6	0.58	139.24	1.5	Tcs	23	39	57	05	37	36	0.572	139.6	1953.62305	1986.77051	4.2	4.7	0591-01744-1
3996	23	39	59.37	-38	02	21.0	0.54	125.14	5.3		23	39	59	-38	02	24	0.526	128.0	1977.71118	1996.71313	14.1	—	——
3997	23	40	22.22	34	33	15.0	0.56	82.50	4.0	P	23	40	22	34	33	18	0.562	82.5	1953.82520	——	15.0	16.9	——
3998	23	41	5.52	16	46	12.9	0.59	123.74	7.0		23	41	6	16	46	12	0.543	123.0	1954.65320	1995.81677	16.0	17.5	——
3999	23	41	0.74	-44	57	18.4	0.78	101.56	68.9		23	41	7	-44	57	0	0.724	102.7	1978.73035	1996.70496	13.0	14.5	——
4000	23	41	30.49	-28	16	1.5	0.63	191.54	8.1		23	41	31	-28	16	6	0.620	185.9	1980.54297	1996.61206	14.9	16.4	——
4001	23	42	4.34	-13	15	27.6	0.60	135.04	9.9	Bb	23	42	5	-13	15	30	0.549	134.0	1983.76575	1991.67676	17.2	18.7	——
4002	23	42	43.85	43	57	47.2	0.90	95.35	10.5		23	42	43	43	57	42	0.857	93.4	1952.63220	1990.63940	15.1	16.6	——
4003	23	43	6.28	36	32	14.0	0.94	98.30	4.0	P	23	43	6	36	32	12	0.936	98.3	1951.83875	——	11.9	13.0	——
4004	23	43	27.04	58	04	49.1	0.62	39.00	1.1	Tcs	23	43	27	58	04	48	0.619	38.3	1954.60120	1991.60107	7.2	7.9	4008-00018-1
4005	23	43	35.71	-07	55	20.5	0.59	103.60	5.6	2b	23	43	36	-07	55	24	0.595	103.6	1983.69751	1989.83289	9.9	10.5	——
4005a	23	43	53.50	61	02	14.0	0.81	227.31	8.8		23	43	54	61	02	6	0.818	229.2	1954.60120	1991.60095	13.4	14.5	——
4006	23	43	59.48	64	44	28.9	0.55	80.52	3.3	T	23	43	59	64	44	30	0.548	81.7	1952.62939	1991.76514	11.6	13.1	4289-00998-1
4007	23	44	59.90	18	03	27.1	0.70	100.82	13.2		23	44	59	18	03	24	0.666	99.0	1954.65320	1990.80603	14.0	15.7	——
4008	23	45	9.90	29	33	41.7	0.93	91.34	1.3	s	23	45	10	29	33	42	0.945	89.1	1952.71118	1991.75146	8.7	9.9	——
4009	23	45	31.27	-16	10	19.3	0.59	218.90	11.6	b	23	45	32	-16	10	24	0.684	215.3	1983.76575	1991.67676	12.7	14.8	——
4010	23	46	5.98	-12	39	55.2	1.08	126.84	4.8	b	23	46	6	-12	40	0	0.991	124.1	1983.76575	1991.67676	17.0	18.6	——
4011	23	46	23.66	-15	59	13.6	0.69	140.31	10.5	b	23	46	23	-15	59	18	0.671	151.8	1983.76575	1991.67676	13.4	15.3	——
4012	23	46	32.20	-50	43	28.7	0.54	195.68	23.5		23	46	30	-50	43	18	0.502	203.7	1975.53894	1992.86890	14.0	15.5	——
4013	23	46	32.94	-41	34	55.1	0.87	161.56	10.6	cs	23	46	32	-41	34	54	0.894	163.1	1977.71118	1996.71313	7.5	7.7	——
4014	23	47	4.58	-14	06	1.8	0.62	130.27	8.7	Bb	23	47	4	-14	06	0	0.610	134.8	1983.76575	1991.67676	12.8	14.5	——
4015	23	48	3.27	49	00	56.1	0.65	86.69	3.4		23	48	3	49	00	54	0.652	83.5	1951.69128	1991.68591	11.7	13.4	——
4016	23	48	36.07	-27	39	38.5	0.61	247.58	14.4		23	48	35	-27	39	36	0.593	244.0	1980.54297	1996.61206	11.9	13.2	——
4017	23	48	38.63	08	26	4.8	0.60	184.12	5.6		23	48	39	08	26	6	0.553	188.6	1953.62305	1986.74585	14.8	15.9	——
4018	23	49	7.92	37	02	27.3	0.84	146.22	11.5		23	49	7	37	02	24	0.759	149.0	1951.83875	1991.77332	12.4	13.7	——
4019	23	49	55.12	29	34	2.7	0.54	185.06	3.1	c	23	49	55	29	34	0	0.531	190.8	1952.71118	1991.75146	15.2	15.8	——
4020	23	50	6.01	02	52	34.4	0.57	76.33	15.2	s	23	50	5	02	52	36	0.503	70.5	1951.90991	1986.77051	8.3	9.1	——
4021	23	50	31.62	-09	33	32.6	0.76	124.00	9.8	P	23	50	31	-09	33	36	0.756	124.0	1983.69751	——	13.0	14.7	——
4022	23	50	36.17	09	56	53.5	0.68	68.61	2.5	T	23	50	36	09	56	54	0.668	60.9	1951.60925	1986.74585	11.9	13.4	1171-00173-1
4023	23	50	48.21	-14	06	33.9	0.51	140.22	4.9	Bb	23	50	48	-14	06	30	0.541	135.8	1983.76575	1991.67676	15.4	16.9	——
4024	23	50	52.72	10	32	11.6	0.68	95.67	12.4		23	50	52	10	32	18	0.625	90.4	1951.60925	1986.74585	16.6	18.6	——
4025	23	50	52.63	-39	05	17.6	0.84	104.52	12.3		23	50	53	-39	05	6	0.782	105.2	1977.71118	1996.71313	14.1	—	——
4026	23	50	49.76	71	45	10.9	0.52	120.74	24.4	cm	23	50	53	71	45	30	0.503	123.0	1952.63489	1992.74390	16.8	18.1	——
4027	23	50	58.20	19	56	32.3	0.92	102.88	4.6		23	50	58	19	56	36	0.886	99.9	1954.65320	1990.80603	14.1	16.0	——
4028	23	51	18.70	21	01	7.9	0.64	165.06	5.9		23	51	19	21	01	12	0.618	169.6	1954.65320	1990.80603	16.9	18.4	——
4029	23	51	43.36	45	15	54.9	0.66	90.05	14.4		23	51	42	45	15	54	0.571	87.4	1952.63220	1990.63940	17.2	18.7	——
4030	23	51	57.16	03	58	49.7	0.64	124.75	4.9		23	51	57	03	58	54	0.526	119.3	1953.62305	1986.77051	13.4	14.7	——
4031	23	52	14.43	-61	25	30.6	0.84	167.82	27.2	TP	23	52	11	-61	25	42	0.776	164.1	1975.83411	——	9.5	10.4	9127-00778-1
4032	23	52	23.48	-14	41	24.6	0.51	120.17	7.5	Bb	23	52	24	-14	41	24	0.523	120.1	1983.76575	1991.67676	14.0	15.8	——
4033	23	52	31.93	-02	53	13.1	1.01	75.32	1.5		23	52	32	-02	53	12	0.664	65.7	1983.54175	1989.89038	17.6	16.6	——
4034	23	52	55.97	-18	01	58.1	0.54	189.00	4.1	P	23	52	56	-18	01	54	0.535	189.0	1976.87549	——	16.3	18.1	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
4035	23	53	0.64	-24	50	47.8	0.51	149.46	4.9		23	53	1	-24	50	48	0.503	147.4	1982.63464	1996.68579	16.6	18.6	——
4036	23	53	42.27	-12	23	25.8	0.55	184.83	10.9		23	53	42	-12	23	36	0.515	187.2	1983.53906	1995.65759	14.3	15.8	——
4037	23	53	58.70	-18	59	2.2	0.76	169.00	4.8	P	23	53	59	-18	59	0	0.764	169.0	1976.87549	——	12.5	13.4	——
4038	23	54	4.29	-41	32	31.3	0.57	108.97	30.7		23	54	2	-41	32	48	0.536	112.3	1977.70569	1996.71313	12.9	14.4	——
4039	23	54	1.11	-33	16	22.7	0.35	207.34	49.0	cdm	23	54	5	-33	16	18	0.500	216.5	1980.54846	1996.60925	13.2	15.0	——
4040	23	54	1.14	-33	16	30.3	0.38	204.84	48.8	cdm	23	54	5	-33	16	24	0.500	216.5	1980.54846	1996.60925	14.5	14.5	——
4041	23	54	18.79	-36	33	55.0	0.63	174.25	9.6		23	54	18	-36	33	54	0.662	177.2	1980.54846	1996.60925	15.2	15.1	——
4042	23	54	35.09	-32	21	20.0	0.54	93.38	16.0		23	54	34	-32	21	12	0.530	95.3	1980.54846	1996.60925	17.0	16.8	——
4043	23	54	56.39	40	27	28.4	0.62	159.88	4.8		23	54	56	40	27	30	0.564	157.5	1954.75684	1995.81409	14.7	14.7	——
4044	23	55	04.05	28	38	1.2	0.58	86.57	1.4	Tcs	23	55	4	28	38	0	0.575	86.5	1952.71118	1989.82507	7.6	8.8	2258-01427-1
4045	23	55	22.10	32	17	58.6	0.53	84.96	1.9		23	55	22	32	18	0	0.515	80.3	1952.71118	1991.75146	13.1	14.9	——
4046	23	55	25.98	-03	59	1.3	0.67	101.04	1.4	Bb	23	55	26	-03	59	0	0.520	88.2	1982.78772	1989.89038	13.4	14.9	——
4047	23	55	39.78	-06	08	33.2	0.61	231.30	12.1	TBb	23	55	39	-06	08	30	0.580	232.4	1982.78772	1989.89038	11.3	14.3	5259-00927-1
4048	23	56	13.56	-26	25	59.4	0.52	119.34	9.2	T	23	56	13	-26	25	54	0.507	118.0	1982.63464	1996.68579	11.4	12.1	6985-01179-1
4049	23	56	15.31	03	44	16.3	0.45	203.11	4.9		23	56	15	03	44	18	0.518	194.3	1951.60938	1991.69946	13.3	15.1	——
4050	23	57	19.43	-19	23	40.7	0.66	120.10	6.3	P	23	57	19	-19	23	42	0.664	120.1	1977.84229	——	14.2	15.5	——
4051	23	57	51.49	-06	16	55.1	0.85	164.46	7.4	Bb	23	57	51	-06	16	54	0.608	175.0	1982.78772	1989.89038	14.3	15.9	——
4052	23	57	52.73	78	36	44.9	0.53	109.37	7.3	d	23	57	55	78	36	42	0.513	107.9	1954.72412	1996.64026	14.4	15.9	——
4053	23	58	1.98	78	36	29.3	0.52	109.38	6.1	d	23	58	3	78	36	24	0.513	107.9	1954.72412	1996.64026	13.8	15.3	——
4054	23	58	43.49	46	43	45.0	0.65	90.42	15.8	T	23	58	45	46	43	42	0.565	93.2	1951.69128	1990.63940	9.8	11.5	3639-00526-1
4055	23	59	28.43	-20	02	5.0	0.58	119.05	6.2	TPW	23	59	28	-20	02	6	0.587	120.3	1977.84229	——	7.6	8.4	6411-01284-1
4056	23	59	45.78	38	40	18.7	0.71	135.23	9.2		23	59	45	38	40	18	0.653	134.6	1951.83875	1989.75671	14.2	15.7	——
4057	23	59	49.55	47	45	42.4	0.91	105.81	12.4		23	59	50	47	45	54	0.893	103.7	1951.69128	1990.63940	15.1	17.0	——
4058	23	59	51.44	-34	06	42.3	1.05	125.97	5.5		23	59	51	-34	06	42	0.952	131.1	1980.54846	1996.60925	12.0	13.6	——
5001	00	06	45.49	-21	05	33.0	0.49	210.81	23.0	TP	00	06	47	-21	05	24	0.484	209.3	1977.84229	——	9.9	10.6	5844-00950-1
5001a	00	17	22.62	18	51	34.1	0.53	94.06	9.7	T	00	17	22	18	51	30	0.480	94.4	1954.67493	1990.63391	10.8	12.4	1182-00698-1
5002	00	17	37.77	-05	16	47.1	0.49	147.70	3.5	P	00	17	38	-05	16	48	0.488	147.7	1983.53088	——	17.2	16.9	——
5003	00	17	49.67	00	06	50.5	0.62	144.48	10.6	Bb	00	17	49	00	06	54	0.498	143.9	1982.84509	1991.75891	15.5	16.1	——
5004	00	19	58.77	00	08	12.4	0.18	137.27	26.1	Bbi	00	20	0	00	07	54	0.492	120.5	1982.84509	1991.75891	14.8	15.9	——
5004a	00	21	37.28	-46	05	33.8	0.50	212.55	32.4		00	21	40	-46	05	18	0.483	216.8	1977.62646	1996.61743	11.6	13.2	——
5005	00	22	22.05	86	19	56.0	0.49	89.09	56.9		00	22	12	86	19	0	0.496	80.2	1952.64050	1996.64307	16.3	17.9	——
5006	00	25	18.84	79	23	50.0	0.53	62.46	9.5		00	25	17	79	23	42	0.484	57.5	1954.72412	1996.64026	14.9	16.2	——
5007	00	29	18.89	80	54	51.3	0.50	41.29	11.9		00	29	14	80	54	54	0.485	35.1	1954.72412	1996.64026	11.7	12.8	——
5008	00	31	51.81	40	42	16.4	0.54	113.06	22.5		00	31	52	40	41	54	0.481	111.0	1953.77344	1989.74866	15.5	17.0	——
5009	00	32	15.86	54	29	1.1	0.51	200.22	1.7		00	32	16	54	29	0	0.491	204.7	1954.75159	1990.64490	13.5	14.8	——
5010	00	33	33.10	12	47	37.9	0.57	100.64	4.4		00	33	33	12	47	42	0.491	94.0	1953.70789	1990.78430	13.0	14.1	——
5011	00	33	57.91	16	42	58.1	0.51	87.15	16.2		00	33	59	16	42	54	0.490	80.8	1953.91003	1990.70508	14.0	16.1	——
5012	00	35	52.78	12	35	47.9	0.48	229.98	6.8	T	00	35	53	12	35	42	0.483	229.0	1953.70789	1990.78430	11.1	12.5	0609-00972-1
5013	00	42	15.97	77	49	0.3	0.47	43.07	0.3		00	42	16	77	49	0	0.484	43.1	1954.72412	1996.64026	13.7	15.0	——
5014	00	47	10.14	-49	07	3.2	0.50	88.87	39.0		00	47	8	-49	07	36	0.482	75.9	1975.81775	1990.79175	13.5	15.0	——
5015	00	50	25.13	-03	14	18.3	0.48	154.92	2.0	b	00	50	25	-03	14	18	0.496	167.2	1982.70837	1995.79724	15.6	16.7	——
5016	00	54	45.89	22	56	15.1	0.43	96.52	3.5		00	54	46	22	56	12	0.485	106.7	1953.77893	1987.74329	15.7	15.5	——
5017	00	55	15.47	38	47	38.0	0.48	239.51	11.8	d	00	55	16	38	47	48	0.496	240.8	1951.83899	1986.90735	13.3	14.4	——
5018	00	55	17.06	38	47	50.3	0.47	236.61	9.7	d	00	55	17	38	48	0	0.496	240.8	1951.83899	1986.90735	18.2	18.5	——
5019	01	01	57.05	-09	53	8.1	0.53	201.75	118.4	TP	01	02	0	-09	51	18	0.491	200.9	1982.84790	——	10.6	12.2	5273-01526-1
5020	01	02	35.83	-31	53	14.7	0.66	127.33	3.5		01	02	36	-31	53	12	0.491	130.6	1977.62927	1988.75415	17.3	18.8	——
5021	01	04	9.15	08	33	55.3	0.53	121.75	5.2		01	04	9	08	34	0	0.494	121.2	1953.83081	1990.77881	17.0	18.7	——
5022	01	04	18.52	-25	59	56.8	0.49	128.80	69.5	P	01	04	15	-25	59	6	0.491	128.8	1982.63477	——	16.0	17.5	——
5023	01	04	56.59	21	19	57.9	0.47	200.40	23.6	d	01	04	55	21	20	6	0.485	207.2	1953.99756	1991.62854	18.0	18.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
5024	01	04	58.08	21	20	16.4	0.48	198.74	29.1		01	04	56	21	20	18	0.485	207.2	1953.99756	1991.62854	18.2	18.8	——
5025	01	06	0.09	61	20	5.8	0.29	146.40	0.7	dm	01	06	0	61	20	6	0.480	137.6	1952.70850	1991.69971	18.7	19.5	——
5026	01	06	1.24	61	19	59.2	0.51	138.76	1.9	d	01	06	1	61	20	0	0.480	137.6	1952.70850	1991.69971	14.8	16.3	——
5027	01	07	37.87	22	57	17.9	0.50	168.31	12.0	TPWd	01	07	37	22	57	18	0.495	168.7	1953.77893	——	8.6	9.9	1747-00565-1
5028	01	07	37.72	22	57	18.4	0.49	168.70	3.9	PWd	01	07	38	22	57	18	0.495	168.7	1953.77893	——	—	15.2	——
5029	01	08	20.26	38	42	26.3	0.51	225.24	4.8		01	08	20	38	42	30	0.481	226.1	1951.83899	1986.90735	15.6	16.9	——
5030	01	17	42.77	64	59	3.1	0.42	48.45	3.2		01	17	43	64	59	6	0.480	42.7	1954.74890	1991.69690	12.8	14.1	——
5031	01	19	56.78	-33	25	41.6	0.49	180.60	6.2	P	01	19	57	-33	25	36	0.490	180.6	1980.52942	——	14.2	15.8	——
5032	01	26	25.00	41	15	12.0	0.49	139.20	—	2N	01	26	25	41	15	12	0.493	139.2	1953.70801	——	16.2	18.3	——
5033	01	27	24.42	-12	26	53.0	0.69	93.05	8.0	Bb	01	27	24	-12	26	48	0.482	85.9	1982.64026	1989.74243	14.0	15.1	——
5033a	01	27	53.51	61	52	25.1	0.54	132.34	41.1	c	01	27	53	61	53	6	0.481	134.2	1954.75439	1991.69971	14.9	16.5	——
5034	01	28	41.25	-14	54	26.6	0.49	104.40	9.3	P	01	28	41	-14	54	18	0.495	104.4	1982.64026	——	16.1	17.6	——
5035	01	29	04.90	21	43	23.4	0.49	112.06	5.6	Tcs	01	29	5	21	43	18	0.498	113.0	1954.74072	1990.71606	7.8	9.0	1204-01101-1
5036	01	32	13.76	-51	54	14.3	0.46	57.24	30.0	T	01	32	15	-51	54	42	0.495	57.0	1979.87805	1996.77051	10.4	11.1	8046-00268-1
5037	01	35	7.42	-03	28	6.4	0.48	117.40	6.3	P	01	35	7	-03	28	6	0.480	117.4	1982.65405	——	14.4	15.5	——
5037a	01	40	16.71	31	47	29.6	0.52	93.89	3.7		01	40	17	31	47	30	0.481	90.7	1951.84460	1991.76245	13.0	14.7	——
5038	01	41	20.46	-05	40	15.7	0.49	210.10	8.9	P	01	41	21	-05	40	12	0.489	210.1	1982.65405	——	13.0	14.3	——
5039	01	42	57.82	17	08	2.4	0.53	140.43	62.4		01	42	58	17	07	0	0.495	142.5	1954.89368	1990.70789	12.0	13.1	——
5040	01	45	44.68	29	18	22.6	0.55	98.80	22.0		01	45	43	29	18	24	0.496	89.9	1951.84460	1991.76257	17.9	18.0	——
5041	01	49	25.01	-17	50	6.3	0.48	120.00	18.4	P	01	49	26	-17	50	18	0.481	120.0	1978.68945	——	14.9	16.4	——
5042	01	49	33.25	07	37	9.6	0.48	197.39	4.5	B	01	49	33	07	37	12	0.495	199.4	1949.89380	1986.83630	17.5	20.7	——
5043	01	50	53.20	-34	24	39.1	0.50	113.30	3.8		01	50	53	-34	24	42	0.484	119.7	1978.88623	1996.61743	13.0	—	——
5044	01	52	11.14	39	07	17.5	0.52	210.09	6.8		01	52	11	39	07	24	0.492	211.2	1954.73804	1989.76794	15.5	16.8	——
5045	01	52	50.18	-48	05	41.3	1.14	261.31	103.2		01	52	57	-48	04	24	0.493	246.9	1975.85071	1988.90979	11.9	13.4	——
5046	01	59	4.00	-18	33	42.0	0.49	101.50	—	N	01	59	4	-18	33	42	0.492	101.5	1977.93274	1991.90955	18.9	21.0	——
5047	02	01	7.79	-18	11	31.6	0.55	112.03	3.4		02	01	8	-18	11	30	0.495	108.2	1977.93274	1991.90955	18.0	20.7	——
5048	02	02	3.56	03	56	40.2	0.47	218.03	9.4	d	02	02	3	03	56	36	0.482	225.3	1954.89648	1986.66699	12.2	14.1	——
5049	02	02	03.17	03	56	25.1	0.47	226.38	7.6	Td	02	02	3	03	56	18	0.482	225.3	1954.89648	1986.66699	10.8	12.2	0040-00758-1
5050	02	07	4.02	49	38	42.9	0.53	147.87	5.1		02	07	4	49	38	48	0.498	150.2	1953.78186	1989.75696	11.8	13.0	——
5051	02	09	39.83	19	55	21.2	0.54	97.52	9.1		02	09	40	19	55	30	0.485	93.6	1954.68066	1990.71887	15.2	16.5	——
5051a	02	15	24.41	24	16	16.6	0.50	113.03	7.3	Tcs	02	15	24	24	16	12	0.484	112.7	1953.77905	1990.86646	6.9	7.7	1765-01368-1
5051b	02	16	49.21	64	57	9.4	0.47	227.10	6.0	T	02	16	50	64	57	6	0.491	228.0	1953.83093	1992.74146	8.4	9.1	4041-00792-1
5052	02	22	2.61	30	33	57.9	0.52	92.82	8.8		02	22	2	30	33	54	0.499	89.0	1954.75989	1989.82532	17.3	20.2	——
5053	02	27	33.88	07	49	48.0	0.58	98.75	6.2	dm	02	27	34	07	49	54	0.488	96.8	1954.97302	1991.76807	15.1	16.2	——
5054	02	27	33.86	07	49	47.7	0.57	99.51	6.6	dm	02	27	34	07	49	54	0.488	96.8	1954.97302	1991.76807	15.7	17.5	——
5055	02	27	59.58	04	34	29.3	0.48	116.30	15.4	P	02	27	59	04	34	42	0.481	116.3	1954.97302	——	15.8	17.3	——
5056	02	31	29.99	-15	36	47.7	0.43	167.06	0.3		02	31	30	-15	36	48	0.497	163.9	1982.63770	1991.93420	12.5	13.6	——
5057	02	32	29.10	-27	25	13.4	0.51	73.84	25.6		02	32	30	-27	25	36	0.480	64.7	1978.81531	1994.92334	17.9	19.5	——
5058	02	36	32.76	-34	36	31.5	0.51	141.14	5.4	T	02	36	33	-34	36	36	0.498	142.2	1979.64307	1993.80273	12.0	14.1	7014-01033-1
5059	02	43	57.53	-17	45	39.5	0.49	148.60	21.1	P	02	43	59	-17	45	42	0.486	148.6	1981.76062	——	17.2	18.5	——
5060	02	50	49.33	-60	22	36.1	0.50	89.89	17.3		02	50	47	-60	22	36	0.490	83.6	1975.68958	1991.78357	13.6	15.1	——
5061	02	51	50.72	06	13	39.3	0.52	109.46	5.3		02	51	51	06	13	36	0.487	103.3	1955.03870	1990.73267	12.5	13.6	——
5062	02	54	55.98	22	04	10.9	0.08	155.21	70.5		02	54	51	22	04	24	0.495	317.2	1950.93738	1991.69983	18.4	20.8	——
5063	02	59	49.58	-11	20	42.8	0.49	150.70	10.9	P	02	59	49	-11	20	36	0.490	150.7	1983.97925	——	10.9	11.8	——
5064	02	59	59.16	08	11	55.2	0.50	102.78	7.6		02	59	59	08	11	48	0.491	99.4	1955.03870	1990.81189	16.1	15.9	——
5065	03	01	58.86	38	27	0.6	0.54	119.62	1.7		03	01	59	38	27	0	0.496	115.8	1954.97314	1989.74622	17.6	18.9	——
5066	03	02	36.57	20	06	19.2	0.51	169.93	8.1		03	02	36	20	06	18	0.488	172.6	1951.90747	1986.74622	14.8	16.1	——
5067	03	07	31.64	41	25	40.3	0.54	129.07	33.8		03	07	30	41	25	12	0.490	134.3	1957.96777	1989.74622	16.1	17.6	——
5068	03	08	48.91	-13	43	57.3	0.44	90.54	16.1		03	08	50	-13	44	0	0.492	86.8	1982.70605	1995.89587	14.2	15.5	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
5069	03	08	50.59	-21	10	19.5	0.49	210.00	5.9	P	03	08	51	-21	10	18	0.495	210.0	1980.70947	——	13.0	14.7	——
5070	03	17	12.29	-29	11	35.1	0.59	155.07	6.3		03	17	12	-29	11	30	0.483	156.3	1977.94641	1991.93152	17.5	17.6	——
5071	03	20	45.15	21	48	42.1	0.55	107.22	17.1		03	20	44	21	48	48	0.480	99.9	1954.89380	1986.74622	17.7	19.5	——
5072	03	21	22.25	79	58	1.2	0.50	59.33	7.2		03	21	22	79	57	54	0.488	51.7	1954.73816	1994.77637	11.3	12.9	——
5073	03	25	4.00	40	51	6.0	0.49	151.20	—	N	03	25	4	40	51	6	0.495	151.2	1953.02490	1989.74353	14.5	16.0	——
5074	03	36	27.44	00	25	11.6	0.62	157.81	42.9	Bb	03	36	27	00	25	54	0.487	172.2	1984.72595	1990.80652	13.0	14.7	——
5075	03	39	10.76	08	00	2.5	0.55	154.75	4.3		03	39	11	08	00	0	0.491	156.7	1955.94312	1988.94312	12.9	14.0	——
5076	03	42	40.02	-01	22	15.7	0.49	144.40	15.2	P	03	42	41	-01	22	12	0.493	144.4	1984.72595	——	17.1	18.8	——
5077	03	42	53.37	25	16	36.6	0.51	100.71	5.1	d	03	42	53	25	16	36	0.485	96.8	1951.91309	1989.95935	15.9	17.4	——
5078	03	42	56.30	25	15	51.3	0.51	100.77	5.2	d	03	42	56	25	15	48	0.485	96.8	1951.91309	1989.95935	15.2	16.7	——
5079	03	43	4.46	-06	14	57.8	0.60	183.00	7.8	Bb	03	43	4	-06	14	54	0.495	197.9	1982.70874	1987.87122	15.3	16.6	——
5080	03	43	43.51	72	53	47.8	0.53	155.07	2.2		03	43	44	72	53	48	0.489	155.6	1953.78467	1994.77905	15.0	16.5	——
5081	03	45	27.95	72	59	32.3	0.49	154.96	8.3	Tdm	03	45	28	72	59	24	0.494	153.7	1953.78467	1994.77905	11.9	13.5	4335-01972-1
5082	03	45	28.23	72	59	32.1	0.51	153.88	14.1	dm	03	45	28	72	59	18	0.494	153.7	1953.78467	1994.77905	19.1	21.0	——
5083	03	46	34.63	-79	21	6.4	0.55	82.69	46.2		03	46	24	-79	21	42	0.492	71.8	1977.78003	1989.88770	14.8	16.3	——
5084	03	47	6.91	01	38	46.3	0.52	148.47	2.2		03	47	7	01	38	48	0.482	148.4	1953.99780	1990.80652	15.9	16.5	——
5085	03	48	28.13	51	14	12.5	0.50	125.68	10.6		03	48	27	51	14	12	0.498	130.9	1954.76013	1989.76538	12.9	13.8	——
5086	03	52	52.68	49	41	56.6	0.51	124.51	46.4	c	03	52	48	49	42	6	0.489	123.4	1954.76282	1993.80090	16.7	17.0	——
5087	03	54	35.41	-06	49	33.4	0.69	351.52	17.0	Bbs	03	54	36	-06	49	48	0.483	356.5	1982.80725	1987.87122	9.5	11.0	——
5088	03	57	38.91	04	29	42.6	0.55	183.54	17.2		03	57	40	04	29	48	0.494	181.6	1954.97327	1992.73352	14.4	15.7	——
5089	04	03	16.61	00	07	11.3	0.61	86.51	7.9		04	03	17	00	07	6	0.480	87.0	1984.72876	1995.79822	16.7	18.3	——
5090	04	04	32.33	-62	59	15.0	0.69	135.15	52.1	B	04	04	25	-62	59	0	0.492	149.0	1979.86743	1989.98083	14.9	16.5	——
5091	04	11	13.25	49	31	51.3	0.52	164.66	8.0		04	11	14	49	31	48	0.483	166.4	1954.76282	1993.80090	12.8	14.7	——
5092	04	13	2.85	-12	58	57.0	0.61	126.43	3.7	Bb	04	13	3	-12	58	54	0.482	133.9	1984.95496	1989.74243	15.6	16.9	——
5093	04	26	29.60	62	22	52.1	0.48	185.63	3.4		04	26	30	62	22	54	0.482	185.6	1953.11267	1992.76624	14.3	16.1	——
5094	04	26	32.78	-30	48	3.6	0.56	176.79	4.6		04	26	33	-30	48	0	0.483	185.7	1979.94385	1994.77258	13.7	15.2	——
5095	04	27	49.61	26	30	13.9	0.51	108.13	5.6	d	04	27	50	26	30	12	0.483	109.4	1950.94299	1994.77649	13.7	14.8	——
5096	04	27	49.40	26	30	3.4	0.49	111.01	8.7	cd	04	27	50	26	30	0	0.483	109.4	1950.94299	1994.77649	15.8	16.7	——
5097	04	28	49.70	07	28	34.2	0.52	191.78	10.6		04	28	49	07	28	36	0.485	194.9	1953.86121	1986.76831	17.4	19.7	——
5098	04	31	13.80	-11	31	27.1	1.07	135.26	12.1	Bb	04	31	13	-11	31	30	0.483	131.2	1982.81555	1985.95337	13.7	15.0	——
5098a	04	33	25.72	-38	18	11.1	0.49	72.32	29.3	TBb	04	33	26	-38	17	42	0.490	72.0	1983.03406	1992.07373	11.0	11.7	7579-01679-1
5099	04	37	3.52	-12	34	10.2	0.59	137.88	8.2	Bb	04	37	4	-12	34	6	0.480	143.0	1984.90601	1990.89587	16.0	17.3	——
5100	04	42	35.56	23	35	9.6	0.52	143.45	10.3		04	42	36	23	35	18	0.480	143.8	1955.81482	1991.10718	14.7	16.4	——
5101	05	14	48.13	00	39	43.1	0.50	152.29	2.2	Ts	05	14	48	00	39	42	0.483	151.5	1953.91333	1994.00818	10.2	11.4	0099-00747-1
5102	05	18	50.33	-11	54	20.1	7.27	137.30	6.2	Bb	05	18	50	-11	54	24	0.497	162.7	1984.89526	1985.05481	15.4	16.5	——
5103	05	20	50.15	-15	40	25.1	0.49	121.30	12.3	P	05	20	51	-15	40	24	0.491	121.3	1983.84570	——	13.4	14.7	——
5104	05	22	57.87	-56	08	56.7	0.49	24.50	63.1	P	05	22	57	-56	07	54	0.486	24.5	1976.82434	——	14.4	15.5	——
5105	05	23	35.00	03	38	42.0	0.48	127.40	—	N	05	23	35	03	38	42	0.482	127.4	1954.84778	1990.81763	16.7	18.2	——
5106	05	29	39.50	-09	59	26.1	12.68	129.23	7.7	Bb	05	29	39	-09	59	24	0.495	47.7	1984.89526	1985.05481	13.3	14.8	——
5107	05	31	44.43	00	05	54.2	0.56	141.15	10.4	Bbcs	05	31	45	00	06	0	0.480	155.7	1982.88391	1991.78760	8.6	9.7	——
5108	05	32	51.98	33	49	44.9	0.55	210.84	3.1		05	32	52	33	49	48	0.496	211.9	1954.89966	1989.75745	13.8	15.1	——
5109	05	36	0.10	-07	38	58.9	0.42	24.79	77.7	Bb	05	35	55	-07	38	42	0.485	17.8	1982.79639	1990.97266	12.5	14.1	——
5110	05	36	17.41	09	20	50.0	0.72	197.41	13.3		05	36	18	09	21	0	0.493	200.3	1951.84497	1991.85864	14.6	16.1	——
5112	05	56	56.16	-46	55	53.8	0.49	8.30	19.8	T	05	56	57	-46	55	36	0.481	7.1	1979.00415	1991.87402	10.8	12.8	8092-01574-1
5113	06	14	35.00	02	30	25.4	0.59	177.10	15.7	Bb	06	14	36	02	30	30	0.499	194.1	1983.01245	1990.82593	13.8	15.5	——
5115	06	28	27.32	-16	32	49.3	0.50	153.40	4.8	P	06	28	27	-16	32	48	0.496	153.4	1983.86218	——	16.3	17.8	——
5116	06	29	05.53	27	00	32.0	0.48	210.38	17.2	Ts	06	29	6	27	00	48	0.493	208.0	1953.92993	1990.82874	8.7	9.7	1887-01656-1
5117	06	29	56.75	09	34	17.5	0.49	162.30	6.6	P	06	29	57	09	34	12	0.495	162.3	1951.91614	——	14.7	16.0	——
5118	06	34	37.59	-28	34	21.4	0.58	126.73	73.7		06	34	32	-28	34	18	0.494	130.2	1978.99878	1992.98633	18.4	20.4	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
5119	06	46	37.43	61	47	32.9	0.55	155.91	11.6		06	46	39	61	47	36	0.484	152.6	1954.83972	1990.00073	13.6	14.7	——
5120	06	52	55.70	05	00	56.8	0.50	210.38	10.9		06	52	55	05	01	0	0.485	216.0	1953.99268	1990.88062	13.5	15.7	——
5121	06	54	4.62	46	30	34.9	0.52	197.76	6.5		06	54	4	46	30	36	0.497	202.6	1953.18408	1989.91602	14.8	16.6	——
5122	07	06	58.66	30	22	26.4	0.52	174.46	112.5		07	06	50	30	22	36	0.485	179.3	1955.14575	1988.12622	14.7	16.4	——
5122a	07	14	20.95	41	42	37.7	0.51	185.11	4.3		07	14	21	41	42	42	0.484	191.4	1954.15393	1991.11023	12.9	14.0	——
5123	07	15	27.31	10	16	53.6	0.53	145.42	4.6		07	15	27	10	16	54	0.486	145.8	1955.22229	1989.84778	15.7	17.5	——
5124	07	21	22.69	-12	38	13.2	0.41	327.80	28.0	Bb	07	21	21	-12	38	0	0.498	350.9	1981.17651	1986.19177	10.6	11.8	——
5125	07	33	22.16	43	54	26.5	0.53	211.89	3.9		07	33	22	43	54	30	0.491	215.9	1953.19763	1987.00635	13.6	14.9	——
5126	07	38	47.23	49	25	26.8	0.50	173.60	3.6	P	07	38	47	49	25	24	0.498	173.6	1953.12122	——	15.4	17.6	——
5126a	07	41	45.55	75	01	1.0	0.48	187.27	11.2		07	41	45	75	01	12	0.491	190.4	1954.90527	1991.93274	13.3	14.8	——
5127	07	47	3.13	-13	56	19.7	1.57	137.86	29.1	Bb	07	47	5	-13	56	30	0.492	165.7	1983.01807	1984.97266	11.8	13.3	——
5128	07	52	30.57	03	00	21.9	0.47	229.14	6.8		07	52	31	03	00	24	0.487	239.4	1955.95715	1990.90808	13.9	15.3	——
5129	07	53	52.97	08	53	59.6	0.60	124.01	6.4		07	53	53	08	54	6	0.480	119.0	1954.17859	1988.94360	18.8	21.1	——
5130	07	56	17.23	80	15	56.0	0.48	280.47	2.0	TPWc	07	56	17	80	15	54	0.483	280.5	1954.90527	——	6.6	7.4	4535-01164-1
5131	08	00	28.86	29	00	25.9	0.53	179.47	2.6		08	00	29	29	00	24	0.481	184.0	1955.19495	1989.83691	12.4	13.0	——
5132	08	00	51.54	-57	30	35.7	0.62	138.10	46.6		08	00	56	-57	30	6	0.490	139.4	1979.96619	1993.96167	14.7	16.2	——
5133	08	08	13.18	21	06	18.2	0.46	220.20	6.7	TPWd	08	08	13	21	06	12	0.487	227.2	1950.93823	——	9.6	11.2	1389-00170-1
5134	08	08	12.95	21	06	16.4	0.49	227.20	10.4	PWd	08	08	13	21	06	6	0.487	227.2	1950.93823	——	10.6	12.1	——
5135	08	10	51.59	01	46	22.3	0.50	141.54	6.4		08	10	52	01	46	24	0.490	152.0	1983.03442	1997.02551	16.9	18.2	——
5136	08	17	29.35	-03	59	22.6	0.46	198.41	9.8	TBbcs	08	17	30	-03	59	24	0.486	200.3	1983.19031	1985.95068	7.8	8.4	4856-00267-1
5137	08	28	7.22	42	16	55.1	0.56	214.82	2.7		08	28	7	42	16	54	0.496	219.8	1953.20325	1989.91345	16.0	17.7	——
5138	08	28	8.01	09	42	15.6	0.52	109.97	15.1		08	28	7	09	42	18	0.485	114.2	1951.98743	1989.17847	18.1	18.0	——
5139	08	36	37.96	39	02	13.5	0.50	171.07	12.2	H	08	36	39	39	02	12	0.493	173.9	1953.20325	1989.18396	11.9	—	42231
5139a	08	39	07.91	-22	39	42.6	0.50	328.74	22.5	Tcs	08	39	7	-22	39	24	0.492	331.3	1978.11926	1992.08472	5.4	6.2	6571-03298-1
5140	08	44	45.44	18	13	4.4	0.55	203.94	7.6		08	44	45	18	13	0	0.497	203.7	1950.21985	1989.85339	13.5	14.4	——
5141	08	45	56.56	36	07	0.9	0.54	188.23	5.4		08	45	57	36	07	0	0.496	190.7	1953.02551	1989.15393	14.2	15.7	——
5142	09	02	6.96	00	33	18.6	0.43	230.01	6.6	Bb	09	02	7	00	33	12	0.496	260.9	1982.06189	1990.96277	17.2	21.0	——
5143	09	02	51.06	48	18	28.6	0.50	187.70	4.6		09	02	51	48	18	24	0.484	193.5	1954.17871	1991.11853	17.5	19.6	——
5144	09	08	48.91	11	51	39.4	0.47	288.92	15.4		09	08	49	11	51	24	0.492	291.4	1955.94641	1986.99561	14.8	16.3	——
5145	09	09	55.58	-11	26	17.4	0.67	112.79	8.5	Bb	09	09	55	-11	26	18	0.483	118.4	1982.07849	1991.13696	13.8	15.6	——
5146	09	10	24.57	27	19	18.0	0.53	153.93	9.7		09	10	24	27	19	12	0.488	150.7	1955.22522	1987.24695	18.8	21.2	——
5146a	09	11	32.00	-71	57	48.0	0.48	130.90	—	N	09	11	32	-71	57	48	0.480	130.9	1976.25256	1991.13135	12.9	14.4	——
5146b	09	12	2.81	27	54	21.2	0.52	197.95	15.0		09	12	3	27	54	36	0.484	203.8	1955.22522	1987.24695	11.3	14.0	——
5147	09	13	11.58	33	07	52.4	0.49	195.60	6.9	P	09	13	12	33	07	48	0.495	195.6	1955.19507	——	15.8	16.9	——
5148	09	16	51.24	-55	55	49.0	0.57	183.30	48.9		09	16	57	-55	55	42	0.496	192.1	1976.31250	1991.11780	14.7	16.2	——
5149	09	18	9.12	-57	46	11.0	0.37	0.54	9.0		09	18	8	-57	46	12	0.484	346.7	1977.21765	1991.11780	9.8	10.9	——
5150	09	19	17.14	78	43	21.6	0.49	74.70	14.4	P	09	19	17	78	43	36	0.486	74.7	1953.18433	——	15.2	16.7	——
5151	09	20	5.18	54	03	46.9	0.50	217.27	2.0		09	20	5	54	03	48	0.499	220.9	1954.14868	1991.25525	15.4	16.5	——
5152	09	25	35.71	-01	55	49.6	0.56	141.55	4.6		09	25	36	-01	55	48	0.494	139.3	1951.90820	1991.20825	12.3	13.9	——
5153	09	29	35.06	-05	22	21.7	0.48	273.49	3.8	TBbcs	09	29	35	-05	22	18	0.489	274.3	1984.17627	1991.26843	10.0	11.5	4889-01080-1
5154	09	31	40.53	08	28	10.5	0.56	151.13	7.2		09	31	41	08	28	12	0.495	149.2	1954.15417	1995.23877	16.8	18.1	——
5155	09	38	56.99	60	36	25.2	0.44	216.86	4.8		09	38	57	60	36	30	0.480	225.1	1953.19800	1997.10486	18.1	19.8	——
5156	09	42	49.79	-63	37	57.6	1.25	126.79	32.3	Bb	09	42	47	-63	38	24	0.494	87.6	1988.94995	1991.12061	13.3	14.8	——
5157	09	53	32.25	51	15	6.1	0.55	101.81	2.4		09	53	32	51	15	6	0.483	96.4	1953.13232	1989.93005	12.5	14.2	——
5158	09	55	17.84	22	29	15.3	0.51	175.37	12.0		09	55	17	22	29	18	0.491	176.9	1955.21985	1991.26074	12.4	13.6	——
5159	09	55	52.89	02	06	27.6	1.21	158.11	8.6	B	09	55	53	02	06	36	0.497	189.7	1984.17920	1986.02466	15.4	17.2	——
5160	09	56	54.05	02	05	13.1	1.14	125.47	15.9	Bb	09	56	55	02	05	6	0.494	133.1	1984.17920	1986.02466	17.4	19.3	——
5161	09	58	47.17	43	09	37.3	0.50	238.42	5.0	d	09	58	47	43	09	42	0.482	240.7	1953.20618	1995.23596	13.8	15.6	——
5162	09	58	47.34	43	09	53.0	0.50	239.13	7.3	d	09	58	48	43	09	54	0.482	240.7	1953.20618	1995.23596	12.3	14.0	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
5163	10	01	38.05	55	35	5.0	0.50	204.60	1.1	P	10	01	38	55	35	6	0.498	204.6	1955.07788	—	8.2	9.2	—
5164	10	01	41.05	06	56	27.2	0.51	218.62	3.3		10	01	41	06	56	24	0.495	222.6	1955.22534	1988.94385	14.6	16.1	—
5165	10	03	19.19	-01	05	9.7	0.57	162.23	4.7	Bb	10	03	19	-01	05	6	0.491	272.6	1984.17920	1986.02466	18.0	21.2	—
5166	10	04	38.79	-33	35	11.3	0.58	136.41	22.4		10	04	37	-33	35	12	0.493	137.6	1978.02649	1992.24048	12.3	14.4	—
5166a	10	09	49.58	-36	45	14.9	0.49	318.78	7.6	Ts	10	09	49	-36	45	18	0.482	318.7	1978.02649	1992.24036	8.1	8.8	7182-01694-1
5166b	10	18	18.61	59	09	50.4	0.48	218.40	20.2	P	10	18	21	59	09	42	0.485	218.4	1954.01221	—	16.4	18.0	—
5167	10	19	36.27	19	52	11.0	0.49	264.20	4.0	PW	10	19	36	19	52	12	0.491	264.2	1955.22266	—	10.2	11.8	—
5168	10	20	0.88	28	57	11.5	0.50	243.04	1.7		10	20	1	28	57	12	0.487	248.5	1955.28259	1990.00110	12.1	13.2	—
5169	10	24	56.12	-28	33	30.5	0.47	221.06	14.8		10	24	55	-28	33	30	0.489	229.2	1975.35449	1990.09314	13.3	15.4	—
5170	10	26	59.52	55	06	54.5	0.49	241.00	6.8	P	10	27	0	55	07	0	0.491	241.0	1955.07788	—	14.5	16.0	—
5171	10	27	49.73	02	51	35.8	0.49	254.52	22.4		10	27	51	02	51	24	0.485	258.4	1955.29907	1991.10229	13.1	14.2	—
5171a	10	32	26.44	60	12	8.3	0.44	214.50	21.4		10	32	29	60	12	18	0.487	227.7	1954.01221	1991.28540	13.2	14.5	—
5172	10	40	36.52	-10	20	34.0	0.58	191.99	8.6	Bb	10	40	36	-10	20	30	0.480	259.2	1984.18188	1986.02466	16.3	—	—
5173	10	44	4.18	-12	28	41.7	0.77	178.02	13.3	Bb	10	44	5	-12	28	36	0.491	297.3	1984.18188	1986.02466	15.0	16.8	—
5174	10	45	34.15	-32	49	53.4	0.32	313.96	10.7		10	45	35	-32	49	54	0.490	305.4	1980.21179	1995.10132	13.2	15.3	—
5175	10	45	39.90	-18	53	1.6	0.57	112.02	2.1		10	45	40	-18	53	0	0.480	102.5	1980.20093	1995.09045	15.0	16.3	—
5176	10	45	50.74	-60	49	4.2	0.49	112.80	29.9	P	10	45	48	-60	48	42	0.494	112.8	1987.05127	—	13.1	14.6	—
5177	10	48	56.33	22	53	21.4	0.37	272.84	5.2		10	48	56	22	53	24	0.490	284.0	1955.22815	1992.31201	13.7	15.0	—
5178	10	50	11.23	06	55	12.1	0.56	192.87	6.8		10	50	11	06	55	18	0.497	190.3	1953.28552	1991.06409	15.7	17.4	—
5179	10	53	2.17	-15	05	4.7	0.40	255.89	17.0	Bb	10	53	1	-15	05	6	0.486	271.9	1984.24182	1992.18848	13.6	16.0	—
5180	10	53	22.48	-14	22	29.2	0.54	231.86	18.5	Bbcs	10	53	22	-14	22	12	0.488	234.4	1984.24182	1992.18848	9.5	11.0	—
5180a	10	54	32.00	77	03	54.0	0.48	283.90	—	N	10	54	32	77	03	54	0.481	283.9	1955.06970	1991.93274	9.3	10.6	—
5181	10	56	16.38	27	44	22.5	0.47	253.75	6.8	Ts	10	56	16	27	44	18	0.481	253.1	1955.21997	1992.31201	8.5	9.4	1980-01549-1
5182	10	57	53.01	-43	52	47.0	0.62	134.02	34.3		10	57	50	-43	52	36	0.482	131.9	1977.27527	1991.33972	13.7	15.2	—
5183	10	57	57.52	-23	07	34.1	0.48	216.48	7.4		10	57	57	-23	07	36	0.495	230.2	1978.20142	1990.32056	12.8	14.1	—
5184	11	00	49.66	-09	27	22.5	0.49	269.90	9.8	P	11	00	49	-09	27	24	0.490	269.9	1983.28625	—	16.8	18.4	—
5185	11	01	31.31	47	51	10.6	0.54	163.39	14.0		11	01	30	47	51	6	0.495	167.3	1953.20361	1995.23340	12.3	13.4	—
5186	11	04	25.46	-17	48	10.7	0.56	128.29	7.8		11	04	26	-17	48	12	0.480	129.2	1978.32446	1992.24316	15.0	16.7	—
5187	11	05	39.95	-52	47	18.6	0.41	283.89	78.9		11	05	33	-52	48	6	0.482	288.8	1979.31079	1995.30408	13.8	15.1	—
5188	11	07	19.50	-30	49	18.5	0.61	140.00	6.5		11	07	19	-30	49	18	0.487	139.6	1978.11133	1991.19727	11.0	12.3	—
5189	11	07	25.78	-19	59	32.0	0.48	236.17	11.2		11	07	25	-19	59	30	0.482	247.6	1978.32446	1992.24316	16.4	17.9	—
5190	11	14	41.16	-15	20	11.7	0.53	147.79	12.2	Bb	11	14	42	-15	20	12	0.489	162.4	1983.35730	1992.18848	17.6	20.0	—
5191	11	22	18.77	14	26	43.9	0.51	271.45	18.3	T	11	22	20	14	26	48	0.498	268.3	1950.20618	1993.07507	10.4	11.8	0861-00217-1
5192	11	26	13.90	21	58	52.5	0.47	218.59	2.1		11	26	14	21	58	54	0.493	228.6	1955.21997	1992.32556	14.7	16.3	—
5193	11	27	57.66	08	50	59.7	0.53	194.24	5.1		11	27	58	08	51	0	0.495	200.1	1950.27734	1989.26355	14.6	16.4	—
5194	11	38	36.64	-04	43	0.6	0.49	173.60	9.6	P	11	38	36	-04	43	0	0.493	173.6	1983.36011	—	18.1	18.2	—
5195	11	41	16.74	25	05	46.3	0.46	247.62	5.6		11	41	17	25	05	42	0.483	246.7	1950.35400	1996.37207	12.6	13.7	—
5196	11	41	28.57	47	48	13.9	0.50	186.67	9.0		11	41	29	47	48	6	0.486	188.0	1953.18726	1991.10522	14.7	16.6	—
5197	11	47	50.70	74	26	43.1	0.48	252.12	47.3		11	48	0	74	27	12	0.487	258.5	1955.16284	1997.11060	15.4	16.8	—
5198	11	48	53.11	18	00	56.4	0.49	271.22	3.9	dm	11	48	53	18	01	0	0.491	275.5	1955.31006	1990.06970	14.0	15.5	—
5199	11	48	53.12	18	00	56.5	0.49	271.43	3.9	dm	11	48	53	18	01	0	0.491	275.5	1955.31006	1990.06970	15.0	16.4	—
5200	11	49	53.70	11	37	53.4	0.55	128.34	10.3		11	49	53	11	37	54	0.497	129.5	1952.08313	1989.25537	13.3	15.0	—
5201	11	51	32.67	25	46	18.3	0.51	263.02	9.1		11	51	32	25	46	18	0.482	267.3	1950.35400	1996.37207	16.9	18.4	—
5202	11	52	18.48	30	01	38.4	0.53	151.96	6.7		11	52	18	30	01	36	0.495	150.4	1955.27466	1991.26099	15.0	15.4	—
5203	11	59	16.91	67	47	24.7	0.46	253.50	6.2		11	59	18	67	47	24	0.488	251.8	1953.12170	1996.96863	12.7	13.6	—
5204	12	00	36.93	-13	49	38.1	0.40	256.79	51.8	Bdm	12	00	40	-13	49	12	0.487	268.8	1982.29993	1992.31421	15.0	16.7	—
5205	12	00	36.92	-13	49	38.1	0.40	256.25	64.9	Bdm	12	00	41	-13	49	12	0.487	268.8	1982.29993	1992.31421	13.1	14.6	—
5206	12	00	44.50	-10	26	47.5	0.74	144.06	7.4	Bbcs	12	00	45	-10	26	48	0.498	165.7	1984.26099	1989.18079	5.5	6.4	—
5207	12	02	0.38	43	13	26.6	0.51	148.08	5.4		12	02	0	43	13	30	0.495	150.7	1955.22827	1996.20825	12.1	13.4	—

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
5208	12	07	27.17	-08	06	36.0	0.78	172.26	2.5	Bb	12	07	27	-08	06	36	0.491	107.4	1984.26099	1989.18079	15.9	17.4	——
5209	12	09	3.96	41	44	49.4	0.53	139.55	1.5		12	09	4	41	44	48	0.494	140.8	1955.22827	1989.17615	15.0	16.6	——
5210	12	11	47.51	24	00	6.2	0.50	136.58	7.0	dm	12	11	47	24	00	6	0.490	139.0	1950.43884	1996.36670	16.1	17.8	——
5211	12	11	47.51	24	00	6.2	0.50	136.58	7.0	dm	12	11	47	24	00	6	0.490	139.0	1950.43884	1996.36670	14.9	16.4	——
5212	12	17	1.37	68	48	52.7	0.48	271.30	3.6	P	12	17	2	68	48	54	0.484	271.3	1955.31311	——	16.6	16.6	——
5213	12	18	41.09	09	43	39.6	0.42	255.03	8.5		12	18	41	09	43	48	0.489	261.4	1955.28284	1991.26917	12.6	14.2	——
5214	12	19	31.85	57	15	7.1	0.52	208.52	7.0		12	19	31	57	15	6	0.499	217.3	1955.37866	1993.35657	15.4	16.9	——
5215	12	22	11.73	73	14	54.5	0.49	291.99	3.2	Ts	12	22	11	73	14	54	0.486	288.7	1955.31311	1997.11060	8.1	8.9	4400-00784-1
5215a	12	22	21.42	85	15	10.0	0.48	279.61	8.9		12	22	15	85	15	6	0.489	278.3	1955.16296	1997.17896	13.6	15.1	——
5216	12	26	21.69	35	55	59.5	0.50	277.56	8.4	T	12	26	21	35	56	0	0.494	273.6	1956.35022	1991.18457	11.7	13.4	2530-00525-1
5217	12	31	24.04	-06	38	0.9	0.49	117.00	1.1	P	12	31	24	-06	38	0	0.495	117.0	1984.17664	——	15.0	16.5	——
5217a	12	32	20.42	31	35	57.8	0.45	295.83	22.5		12	32	20	31	35	36	0.492	296.9	1950.27490	1990.08069	12.1	13.6	——
5218	12	33	59.74	-14	38	19.2	0.50	266.76	12.9	TBbcs	12	33	59	-14	38	12	0.491	263.5	1982.39563	1992.39343	9.3	10.6	5533-00883-1
5219	12	35	51.50	06	45	23.8	0.48	228.25	9.7		12	35	52	06	45	30	0.484	234.0	1956.18958	1996.27112	13.6	15.1	——
5220	12	36	32.55	-10	04	4.0	0.49	279.50	108.9	P	12	36	26	-10	04	54	0.495	279.5	1984.24219	——	14.1	15.4	——
5221	12	37	21.74	-32	00	37.8	0.59	152.19	3.8		12	37	22	-32	00	36	0.498	151.1	1980.20935	1995.50134	14.7	16.2	——
5222	12	37	52.34	41	56	24.3	0.48	316.05	3.8		12	37	52	41	56	24	0.489	313.9	1950.37048	1990.01233	17.1	16.8	——
5223	12	40	56.05	-25	15	22.6	0.41	253.59	4.6		12	40	56	-25	15	18	0.480	261.8	1979.45032	1994.29041	15.4	16.5	——
5224	12	41	26.76	-56	42	2.5	0.41	258.62	79.2		12	41	30	-56	40	48	0.499	270.6	1976.47913	1991.12061	12.6	13.9	——
5225	12	42	27.05	-05	17	12.2	0.48	225.00	0.8	P	12	42	27	-05	17	12	0.480	225.0	1983.29187	——	13.8	15.1	——
5226	12	44	0.74	-11	10	30.2	0.50	253.30	10.9	P	12	44	0	-11	10	30	0.498	253.3	1984.24219	——	13.6	15.1	——
5227	12	44	16.57	04	25	57.2	0.53	173.68	10.9		12	44	17	04	26	6	0.484	175.4	1950.35413	1996.27112	14.2	16.0	——
5228	12	47	46.89	-08	36	17.1	0.50	225.60	17.3	P	12	47	46	-08	36	6	0.498	225.6	1984.24219	——	11.4	13.0	——
5229	12	48	44.92	-01	32	37.3	0.64	150.60	1.8		12	48	45	-01	32	36	0.491	150.5	1979.37927	1991.29114	13.9	15.0	——
5230	12	48	52.68	40	43	27.4	0.47	255.90	4.5		12	48	53	40	43	30	0.493	256.2	1950.37048	1990.01233	12.9	14.7	——
5230a	12	56	1.28	58	16	13.0	0.46	279.21	33.9		12	56	3	58	15	42	0.483	283.9	1953.19836	1994.02856	14.4	15.9	——
5231	12	59	25.54	00	09	43.5	0.48	162.40	124.7	P	12	59	18	00	10	36	0.482	162.4	1984.19299	——	12.4	13.9	——
5232	13	00	0.68	-18	58	2.8	0.40	259.36	9.9		13	00	1	-18	57	54	0.483	268.6	1978.10596	1993.20825	13.4	15.2	——
5233	13	03	11.49	-04	48	15.9	0.48	217.70	7.7	P	13	03	11	-04	48	18	0.480	217.7	1983.35742	——	17.5	19.5	——
5234	13	03	12.01	64	04	4.1	0.49	285.10	7.8	P	13	03	11	64	04	0	0.486	285.1	1953.28040	——	14.5	16.0	——
5235	13	04	56.63	09	24	7.7	0.45	238.08	7.0	dm	13	04	57	09	24	12	0.483	246.1	1950.12988	1995.15442	18.1	20.2	——
5236	13	04	56.63	09	24	7.7	0.45	238.12	7.0	dm	13	04	57	09	24	12	0.483	246.1	1950.12988	1995.15442	16.0	17.7	——
5237	13	06	37.44	-13	16	41.2	0.29	305.75	8.3	Bb	13	06	37	-13	16	36	0.490	296.0	1983.36023	1991.11511	14.1	15.8	——
5238	13	06	58.62	27	50	56.7	0.49	214.24	12.4		13	06	58	27	51	6	0.481	224.9	1955.28833	1993.28845	14.0	15.6	——
5239	13	08	23.36	01	35	51.0	0.48	250.00	15.9	P	13	08	23	01	35	36	0.484	250.0	1984.19299	——	18.6	20.9	——
5240	13	11	51.88	25	20	50.3	0.46	247.49	82.2		13	11	46	25	20	30	0.487	248.9	1956.21130	1991.37036	15.3	16.8	——
5241	13	13	32.08	26	03	43.0	0.40	268.75	45.2		13	13	34	26	03	6	0.485	269.9	1956.21130	1991.37036	17.0	18.6	——
5242	13	13	47.44	10	33	57.9	0.48	238.98	7.6		13	13	47	10	33	54	0.495	240.1	1955.37036	1997.27771	15.2	16.5	——
5243	13	16	14.17	00	23	49.6	0.48	241.70	3.0	P	13	16	14	00	23	48	0.481	241.7	1956.27124	——	15.2	16.1	——
5244	13	16	44.48	-07	06	34.5	0.54	246.52	7.9		13	16	45	-07	06	36	0.488	257.5	1983.34924	1995.40552	15.6	17.1	——
5245	13	23	47.52	39	01	38.5	0.49	184.90	6.6	P	13	23	47	39	01	36	0.489	184.9	1950.46362	——	14.6	15.7	——
5246	13	27	27.09	-33	45	53.6	0.56	122.95	5.7		13	27	27	-33	45	48	0.483	119.2	1975.26733	1991.20276	12.9	15.0	——
5247	13	27	53.05	-28	46	27.8	0.01	180.82	44.5	b	13	27	56	-28	46	6	0.485	256.8	1977.21545	1996.23230	10.2	11.6	——
5248	13	27	43.18	15	33	14.0	0.49	150.40	12.0	P	13	27	44	15	33	12	0.490	150.4	1950.29395	——	16.6	18.1	——
5249	13	28	21.09	-02	21	37.0	0.52	162.72	28.6	TPdm	13	28	23	-02	21	36	0.482	158.9	1979.47766	——	11.4	13.7	4959-00178-1
5250	13	28	21.19	-02	21	35.2	0.48	158.90	42.4	Pdm	13	28	24	-02	21	30	0.482	158.9	1979.47766	——	13.3	15.0	——
5251	13	29	14.55	13	35	5.7	0.48	185.80	8.7	2	13	29	15	13	35	0	0.484	185.8	1955.37036	——	13.6	15.3	——
5252	13	29	30.82	41	10	25.0	0.50	269.40	9.3	P	13	29	30	41	10	24	0.497	269.4	1950.46362	——	15.2	16.9	——
5253	13	37	26.00	-01	26	18.0	0.48	310.40	—	BNb	13	37	26	-01	26	18	0.480	310.4	1984.18225	1993.31775	12.8	14.6	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
5254	13	42	19.41	18	47	18.1	0.46	273.00	8.3		13	42	19	18	47	24	0.494	279.3	1954.24756	1992.19507	11.7	12.8	——
5255	13	45	28.25	-58	38	42.2	0.48	274.23	27.9	T	13	45	31	-58	39	0	0.480	272.1	1975.49414	1994.18628	10.0	11.2	8675-00989-1
5256	13	47	46.60	45	46	59.9	0.51	177.03	4.2		13	47	47	45	47	0	0.487	179.0	1956.26880	1994.42249	14.4	15.7	——
5257	13	48	55.00	60	31	55.8	0.48	312.70	12.6	P	13	48	54	60	32	6	0.480	312.7	1953.20129	——	12.4	13.7	——
5258	13	49	6.71	-23	54	9.4	0.60	126.96	37.3		13	49	4	-23	54	6	0.482	126.7	1976.47925	1991.27393	14.9	16.1	——
5259	13	50	20.82	-10	21	31.2	0.54	215.20	5.5	Bb	13	50	21	-10	21	36	0.481	218.4	1984.41370	1992.40979	12.8	14.8	——
5260	13	53	17.49	-01	42	43.9	0.47	223.31	8.4		13	53	17	-01	42	48	0.498	222.7	1980.22021	1994.42517	14.8	16.5	——
5261	13	53	58.11	-46	32	19.5	0.48	270.96	12.3	Ts	13	53	57	-46	32	24	0.490	270.6	1976.33215	1993.29858	9.1	9.7	8263-02357-1
5262	13	55	28.03	61	39	13.5	0.44	293.15	26.9		13	55	31	61	39	30	0.485	293.2	1953.20129	1990.07800	16.0	17.5	——
5263	14	01	58.98	-35	03	34.3	0.46	268.41	26.9		14	02	1	-35	03	24	0.480	269.2	1979.18555	1996.22681	12.1	13.2	——
5264	14	03	51.35	-42	41	53.8	0.48	233.20	58.0	P	14	03	55	-42	41	12	0.480	233.2	1974.46143	——	—	15.4	——
5265	14	08	20.36	66	33	54.9	0.43	272.32	37.9		14	08	14	66	33	54	0.486	275.4	1955.37878	1990.07800	15.2	16.7	——
5266	14	11	24.20	30	05	2.6	0.47	256.17	10.7	T	14	11	25	30	05	0	0.485	260.0	1950.27771	1992.32043	10.5	11.8	2545-00165-1
5267	14	13	21.77	35	59	14.8	0.43	275.85	15.2		14	13	23	35	59	12	0.492	284.3	1950.36523	1991.19287	13.8	15.7	——
5268	14	14	26.55	23	27	33.8	0.49	200.89	7.9		14	14	26	23	27	36	0.483	203.4	1950.21777	1996.29895	12.5	14.2	——
5269	14	16	16.55	-09	00	5.4	1.04	183.25	9.8	Bb	14	16	16	-09	00	0	0.489	236.0	1984.24231	1985.22192	17.8	19.5	——
5270	14	20	54.90	-09	05	9.4	0.44	198.37	3.7	Bb	14	20	55	-09	05	6	0.480	266.8	1984.24231	1985.22192	15.5	15.6	——
5271	14	22	20.38	35	40	55.1	0.45	262.52	6.7		14	22	20	35	41	0	0.483	266.5	1950.38428	1992.33423	13.5	15.1	——
5272	14	29	52.30	07	38	28.3	0.49	182.86	14.4		14	29	52	07	38	42	0.481	187.7	1955.36499	1989.27209	16.0	17.1	——
5273	14	34	5.08	-18	24	11.8	0.38	239.40	1.1		14	34	5	-18	24	12	0.488	253.6	1976.49023	1994.18628	13.7	16.2	——
5274	14	39	16.78	-75	00	25.7	0.47	238.47	58.3		14	39	2	-75	00	36	0.491	245.1	1976.18225	1994.44385	12.9	14.4	——
5275	14	39	58.91	-56	54	47.1	0.55	131.33	70.2		14	40	7	-56	54	24	0.484	129.2	1978.34680	1993.53430	12.3	13.4	——
5276	14	45	25.89	-13	11	49.6	1.15	122.78	2.3	Bbd	14	45	26	-13	11	48	0.480	140.7	1983.36035	1986.48218	14.2	15.8	——
5277	14	45	26.86	-13	11	35.3	1.13	121.84	2.2	Bbd	14	45	27	-13	11	36	0.480	140.7	1983.36035	1986.48218	14.1	15.6	——
5278	14	45	41.85	33	16	39.7	0.55	167.33	14.6		14	45	43	33	16	42	0.491	169.2	1950.38428	1992.41858	12.9	15.0	——
5279	14	53	23.77	19	09	10.1	0.49	296.21	3.8	Tcs	14	53	24	19	09	12	0.499	294.7	1950.20667	1992.19250	6.1	7.1	1481-00694-1
5280	14	53	54.45	20	09	53.1	0.45	287.57	21.6		14	53	53	20	10	0	0.481	288.0	1950.20667	1992.19250	16.2	17.7	——
5281	14	55	11.12	02	21	59.7	0.38	259.53	1.8		14	55	11	02	22	0	0.488	275.3	1980.21765	1995.31323	15.0	16.3	——
5282	14	56	6.82	-04	30	24.0	1.54	157.87	6.5	Bb	14	56	7	-04	30	18	0.487	224.1	1983.34399	1984.54370	15.2	16.5	——
5283	14	58	19.19	-02	28	31.3	0.48	242.73	3.2		14	58	19	-02	28	30	0.497	249.4	1957.32434	1995.31323	15.3	16.2	——
5284	15	02	13.59	14	01	5.8	0.49	201.69	23.2		15	02	12	14	01	6	0.497	204.3	1954.41992	1991.37061	16.6	17.7	——
5285	15	03	00.65	08	41	3.7	0.51	181.82	9.9	T	15	03	0	08	41	6	0.494	181.0	1954.41992	1989.11365	11.5	12.4	0919-00953-1
5286	15	05	2.19	-23	20	55.9	0.48	239.00	3.2		15	05	2	-23	20	54	0.485	251.5	1976.41394	1991.49866	13.3	14.6	——
5287	15	05	49.61	55	04	42.3	0.45	289.53	3.4		15	05	50	55	04	42	0.481	288.1	1954.48828	1991.43896	12.8	14.3	——
5288	15	05	58.04	-15	18	34.4	0.36	228.11	10.4	Bb	15	05	58	-15	18	24	0.496	268.5	1982.52441	1987.41638	15.9	17.6	——
5289	15	06	24.54	79	33	14.3	0.44	321.42	5.6		15	06	23	79	33	18	0.490	324.8	1953.52380	1994.43896	15.3	16.8	——
5289a	15	08	12.57	-07	54	47.5	0.47	199.23	8.4	Tcs	15	08	13	-07	54	42	0.480	199.3	1982.54077	1996.22937	8.1	8.7	5580-00348-1
5290	15	11	43.28	16	45	42.2	0.52	198.62	4.0		15	11	43	16	45	42	0.494	200.3	1950.29968	1991.37061	13.4	15.0	——
5291	15	11	57.81	-04	31	48.7	1.05	164.12	17.8	Bb	15	11	59	-04	31	48	0.490	233.8	1983.34399	1984.54370	17.0	19.0	——
5292	15	15	55.33	39	22	25.8	0.47	226.63	5.7		15	15	55	39	22	30	0.488	236.7	1955.23401	1994.51013	14.1	15.8	——
5293	15	17	25.65	19	13	1.3	0.48	238.05	9.3		15	17	25	19	13	0	0.482	240.9	1950.29968	1992.49231	17.1	18.4	——
5294	15	20	38.96	15	22	49.0	0.48	246.18	7.1	Ts	15	20	39	15	22	42	0.491	246.1	1950.29968	1992.48962	9.0	10.1	1487-00451-1
5295	15	20	57.95	-48	49	5.0	0.50	258.80	73.6	P	15	21	4	-48	49	48	0.496	258.8	1987.31409	——	12.5	13.6	——
5296	15	23	53.64	27	28	59.6	0.52	156.26	8.6		15	23	53	27	29	0	0.488	158.4	1954.48267	1987.30225	18.6	21.0	——
5296a	15	24	2.00	-52	38	0.0	0.49	216.70	—	BN	15	24	2	-52	38	0	0.487	216.7	1987.31409	1992.55176	14.0	14.9	——
5297	15	30	47.70	01	26	7.9	0.52	182.97	4.9		15	30	48	01	26	6	0.498	193.3	1979.54346	1994.36511	16.4	17.5	——
5298	15	42	37.75	-61	28	29.3	0.48	205.60	31.1	P	15	42	37	-61	29	0	0.480	205.6	1988.30237	——	15.1	16.2	——
5299	15	46	11.47	-26	37	16.9	0.40	254.82	8.6		15	46	12	-26	37	12	0.480	265.2	1976.40308	1991.22461	13.6	14.9	——
5299a	15	47	29.10	-37	54	58.7	0.47	242.75	13.8	TBbdms	15	47	28	-37	54	54	0.491	242.3	1988.30237	1990.32324	6.1	6.9	7837-00930-1

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
5299b	15	47	29.18	-37	55	1.0	0.80	146.09	5.5	Bbcdms	15	47	29	-37	55	6	0.491	242.3	1988.30237	1990.32324	13.3	13.2	——
5300	15	49	0.32	06	51	40.6	0.46	232.72	11.1		15	49	1	06	51	36	0.487	237.7	1954.41711	1993.24768	17.2	18.7	——
5301	15	49	22.80	07	44	13.1	0.47	258.67	3.2		15	49	23	07	44	12	0.485	263.2	1954.41711	1989.26135	14.1	15.4	——
5302	15	50	11.97	-86	29	32.9	0.39	225.11	44.1		15	49	40	-86	29	0	0.480	233.7	1977.20740	1994.64661	14.5	16.0	——
5303	15	52	44.72	-26	23	14.3	0.59	150.86	10.0		15	52	44	-26	23	12	0.492	155.2	1976.40308	1991.22461	15.2	17.4	——
5304	15	55	16.25	19	10	6.7	0.51	220.51	3.6		15	55	16	19	10	6	0.499	219.8	1950.29443	1992.20068	13.3	14.4	——
5305	15	58	29.44	67	41	35.1	0.48	314.24	13.9		15	58	27	67	41	36	0.487	307.1	1955.37354	1991.43628	13.6	15.1	——
5306	15	59	20.35	-05	59	19.1	0.55	188.51	14.6	Bb	15	59	21	-05	59	30	0.493	231.7	1983.42615	1986.44653	13.5	14.8	——
5307	16	00	35.86	61	39	41.2	0.44	273.00	70.2	T	16	00	26	61	39	42	0.484	276.7	1954.49097	1994.42554	10.1	11.6	4189-00687-1
5308	16	01	9.70	05	48	18.1	0.49	182.54	153.7		16	01	20	05	48	18	0.493	182.1	1954.39539	1994.33789	17.5	19.7	——
5309	16	01	58.96	07	44	32.9	0.57	144.10	3.1		16	01	59	07	44	36	0.491	140.1	1954.39539	1989.26672	13.7	15.0	——
5310	16	04	15.06	-07	26	59.4	0.93	184.07	1.1	Bb	16	04	15	-07	27	0	0.492	212.8	1983.42615	1986.44653	17.9	17.5	——
5311	16	05	38.91	10	42	9.8	0.48	261.45	4.0	d	16	05	39	10	42	6	0.497	264.2	1950.52661	1989.26672	12.2	13.8	——
5312	16	05	40.56	-20	27	2.2	0.51	138.21	8.2	cs	16	05	40	-20	27	0	0.485	138.1	1976.49304	1991.22192	8.0	9.1	——
5313	16	05	53.44	10	41	1.1	0.51	255.29	8.3	ds	16	05	54	10	41	0	0.497	264.2	1950.52661	1989.26672	8.6	9.5	——
5314	16	08	47.91	22	19	29.7	0.50	185.04	6.5		16	08	48	22	19	36	0.480	190.5	1950.36816	1987.30518	14.3	15.9	——
5315	16	17	5.48	55	16	8.3	0.47	168.04	4.7		16	17	5	55	16	6	0.492	157.2	1954.49109	1991.50464	10.4	11.9	——
5316	16	27	8.10	-54	31	21.7	0.48	233.00	48.2	P	16	27	4	-54	31	54	0.484	233.0	1987.29529	——	12.4	13.7	——
5317	16	30	49.57	27	18	47.5	0.52	203.72	7.9	H	16	30	50	27	18	42	0.483	203.7	1954.48560	1993.52380	12.0	—	80876
5318	16	32	39.53	32	34	10.7	0.49	215.71	6.1		16	32	40	32	34	12	0.490	217.7	1954.48560	1991.28333	12.0	13.3	——
5318a	16	36	26.00	30	56	30.1	0.46	180.23	0.1	Tcs	16	36	26	30	56	30	0.480	181.5	1954.48560	1989.34863	7.2	7.8	2582-02320-1
5319	16	39	30.35	50	34	2.4	0.54	141.17	4.9		16	39	30	50	34	6	0.490	140.9	1955.24512	1992.42151	10.8	11.9	——
5320	16	42	23.00	-51	47	6.0	0.48	189.80	—	2N	16	42	23	-51	47	6	0.482	189.8	1988.39526	——	14.3	15.6	——
5321	16	45	43.42	04	44	38.0	0.51	184.68	7.4		16	45	43	04	44	42	0.488	188.7	1954.34351	1993.52930	14.7	16.6	——
5322	16	57	2.81	29	47	32.7	0.50	186.90	10.9		16	57	2	29	47	30	0.489	190.8	1950.38184	1989.33240	15.5	17.0	——
5323	16	57	22.94	40	26	0.3	0.42	344.11	0.7		16	57	23	40	26	0	0.491	340.7	1954.51587	1993.37903	14.3	15.9	——
5324	17	07	7.59	21	33	13.6	0.43	262.59	8.4		17	07	7	21	33	12	0.481	268.6	1955.24792	1996.44629	11.2	12.7	——
5325	17	13	17.43	44	04	47.4	0.46	179.25	7.1		17	13	17	44	04	42	0.481	186.6	1954.51587	1991.45288	19.2	21.0	——
5326	17	16	42.55	87	13	28.4	0.44	306.45	8.1		17	16	39	87	13	36	0.494	305.1	1952.64270	1996.59619	14.2	16.0	——
5327	17	23	52.45	33	00	6.9	0.51	155.39	7.0	dm	17	23	53	33	00	6	0.490	156.4	1954.51038	1993.44739	13.3	15.1	——
5328	17	23	52.44	33	00	7.0	0.51	155.38	7.1	dm	17	23	53	33	00	6	0.490	156.4	1954.51038	1993.44739	17.8	20.0	——
5329	17	31	16.73	06	06	12.6	0.51	192.27	4.1		17	31	17	06	06	12	0.492	194.3	1953.61145	1993.62244	14.3	16.1	——
5330	17	37	27.02	71	03	56.6	0.51	148.19	20.7	dm	17	37	24	71	03	42	0.482	143.5	1953.67163	1993.62512	12.1	13.4	——
5331	17	37	27.03	71	03	56.5	0.51	148.19	17.5	dm	17	37	25	71	03	42	0.482	143.5	1953.67163	1993.62512	13.9	15.2	——
5332	18	05	46.92	07	04	34.8	0.50	161.82	4.9		18	05	47	07	04	30	0.491	163.0	1950.52136	1991.45837	14.4	16.2	——
5333	18	09	17.65	-22	54	30.1	0.48	174.40	7.6	P	18	09	18	-22	54	36	0.480	174.4	1987.70520	——	8.4	9.5	——
5334	18	14	37.99	-09	58	58.0	0.48	212.71	2.0	Bb	18	14	38	-09	59	0	0.488	228.9	1978.64478	1988.58472	12.6	13.5	——
5335	18	21	40.95	38	40	58.8	0.48	182.88	1.4	dm	18	21	41	38	41	0	0.483	184.2	1950.60339	1992.48438	14.5	16.1	——
5336	18	21	40.95	38	40	58.7	0.48	182.93	1.4	dm	18	21	41	38	41	0	0.483	184.2	1950.60339	1992.48438	17.0	19.0	——
5337	18	23	48.27	-05	09	1.4	0.72	142.95	19.0	Bb	18	23	47	-05	09	0	0.486	141.7	1982.63123	1988.60657	11.7	12.6	——
5337a	18	29	22.30	-27	58	19.0	0.45	188.40	11.7	TP	18	29	22	-27	58	30	0.483	188.5	1987.37744	——	9.5	10.9	6865-01041-1
5338	18	30	47.71	-61	46	50.4	0.56	210.49	87.6		18	30	48	-61	48	18	0.482	220.1	1975.65869	1995.64929	14.7	16.0	——
5339	18	39	09.71	00	07	14.3	0.48	200.73	17.8	TBb	18	39	9	00	07	0	0.490	201.0	1980.60779	1990.63062	10.9	11.5	0447-00365-1
5340	18	40	19.90	07	38	5.9	0.50	160.23	6.1		18	40	20	07	38	0	0.485	163.2	1950.44189	1991.38745	13.7	14.8	——
5341	18	43	7.10	-54	36	50.5	0.63	189.67	35.2		18	43	11	-54	37	0	0.499	197.0	1978.57385	1991.66846	13.1	14.6	——
5342	18	47	15.09	-17	26	19.6	0.48	201.20	10.5	P	18	47	15	-17	26	30	0.480	201.2	1986.64783	——	15.2	16.3	——
5343	18	53	25.23	07	33	29.4	0.45	208.84	26.3		18	53	27	07	33	30	0.498	220.0	1951.50757	1987.57593	16.2	17.0	——
5344	19	10	12.64	-19	37	20.1	0.57	193.49	16.7	Bb	19	10	13	-19	37	36	0.485	221.3	1987.59045	1992.55469	15.4	16.9	——
5345	19	16	44.95	82	58	9.7	0.46	6.75	15.2		19	16	38	82	58	18	0.481	2.9	1953.67175	1996.69446	13.9	15.2	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
5346	19	23	55.41	-62	52	18.4	0.48	163.38	53.9	T	19	24	2	-62	52	48	0.486	166.4	1975.45105	1995.65479	9.5	10.6	9075-00875-1
5347	19	24	34.23	-22	03	43.8	0.51	207.14	41.9	TBb	19	24	32	-22	04	12	0.494	206.3	1987.59045	1992.55469	11.1	13.1	6309-02274-1
5348	19	27	52.82	-28	11	17.0	0.56	166.66	24.0		19	27	51	-28	11	18	0.499	168.7	1976.70593	1991.67944	14.1	16.8	——
5349	19	33	24.46	-17	34	20.3	0.48	168.46	70.1		19	33	29	-17	33	54	0.485	160.9	1976.70874	1991.58362	14.4	16.1	——
5350	19	48	59.02	-22	28	22.8	0.52	161.97	4.8		19	48	59	-22	28	18	0.486	170.4	1974.55774	1989.66028	14.3	15.6	——
5351	19	57	28.69	-17	30	21.1	0.62	103.48	5.3		19	57	29	-17	30	24	0.499	98.1	1977.54944	1987.70959	13.8	15.1	——
5351a	19	59	47.32	-09	57	29.7	0.49	215.20	7.4	TBbcs	19	59	47	-09	57	24	0.485	214.7	1982.53308	1984.64197	5.9	6.6	5742-01060-1
5352	20	00	45.41	16	31	13.8	0.48	218.65	7.2		20	00	45	16	31	18	0.486	220.2	1951.72095	1992.74072	12.7	14.2	——
5353	20	06	21.77	35	58	20.9	0.49	207.15	4.2	Tcs	20	06	22	35	58	24	0.495	207.5	1950.60632	1991.59253	5.5	6.5	2683-03963-1
5354	20	08	17.98	33	18	12.4	0.53	43.77	14.3		20	08	19	33	18	6	0.488	39.4	1953.52161	1991.59253	14.6	16.5	——
5355	20	14	1.59	-80	07	39.6	0.48	98.36	83.3		20	14	33	-80	08	0	0.488	91.7	1976.70056	1991.67395	14.0	15.5	——
5356	20	33	50.24	57	56	27.2	0.51	33.07	3.4		20	33	50	57	56	30	0.483	29.6	1952.70813	1991.52698	17.6	19.8	——
5357	20	36	46.88	34	59	34.3	0.50	36.50	74.8	P	20	36	50	34	58	30	0.498	36.5	1951.52991	——	15.6	16.7	——
5358	20	43	23.95	04	45	53.5	0.48	113.52	14.2		20	43	23	04	45	54	0.486	109.3	1953.75110	1991.69910	14.5	16.2	——
5358a	20	46	12.70	33	58	12.0	0.54	37.47	99.3	cdms	20	46	6	33	57	18	0.480	47.5	1951.52991	1992.49561	13.6	15.2	——
5358b	20	46	12.69	33	58	12.9	0.48	47.37	61.0	Tcds	20	46	13	33	57	12	0.480	47.5	1951.52991	1992.49561	2.6	3.8	2695-04139-1
5359	20	54	21.04	01	11	19.5	0.49	162.25	4.6	dm	20	54	21	01	11	24	0.496	163.6	1951.59546	1988.68311	14.7	16.0	——
5360	20	54	21.04	01	11	19.4	0.49	162.30	4.6	dm	20	54	21	01	11	24	0.496	163.6	1951.59546	1988.68311	18.0	21.0	——
5361	20	58	6.38	76	48	55.4	0.42	40.68	7.5		20	58	6	76	48	48	0.481	36.7	1954.74854	1992.74634	14.9	16.2	——
5362	20	58	23.19	42	35	1.4	0.51	40.81	15.1		20	58	22	42	34	54	0.498	40.9	1954.51062	1992.72168	13.5	14.8	——
5363	21	03	14.02	-56	57	49.1	0.49	314.15	7.1		21	03	14	-56	57	42	0.499	317.3	1977.52783	1992.56287	13.2	13.8	——
5364	21	05	52.35	45	59	4.0	0.48	218.81	44.2		21	05	52	45	59	48	0.488	229.0	1952.55017	1990.69653	13.0	14.1	——
5365	21	08	46.93	47	09	22.3	0.54	120.42	11.0		21	08	48	47	09	24	0.497	119.6	1952.55017	1990.69653	11.7	12.9	——
5366	21	10	40.66	82	42	48.4	0.45	26.61	5.6		21	10	41	82	42	54	0.483	24.0	1954.72668	1993.56250	15.5	17.0	——
5367	21	10	49.77	27	19	47.9	0.47	229.42	3.1		21	10	50	27	19	48	0.496	232.0	1951.53259	1991.68835	13.0	14.7	——
5368	21	18	3.13	00	09	39.8	0.57	112.08	3.0	s	21	18	3	00	09	42	0.483	111.7	1952.64563	1991.53796	8.5	9.8	——
5369	21	23	6.53	02	39	54.5	0.53	191.05	7.0		21	23	7	02	39	54	0.489	194.5	1952.64563	1989.71228	16.9	18.4	——
5370	21	27	51.28	47	38	58.4	0.56	174.01	15.0		21	27	50	47	39	6	0.498	176.5	1952.70532	1989.67725	12.6	13.9	——
5371	21	35	10.21	-19	03	46.2	0.53	184.38	17.2		21	35	9	-19	03	48	0.490	199.1	1980.52917	1991.74243	13.8	15.3	——
5372	21	44	25.25	16	32	6.4	0.48	62.60	3.6		21	44	25	16	32	6	0.481	59.7	1951.72656	1990.80591	15.3	17.1	——
5373	21	50	23.76	-27	31	17.7	0.59	114.88	10.1		21	50	23	-27	31	18	0.497	112.3	1979.48145	1995.62744	15.4	17.0	——
5374	21	54	45.40	-46	59	33.9	0.48	220.45	46.5	H	21	54	48	-47	00	12	0.497	219.6	1978.80933	1993.61365	12.0	—	108159
5375	21	58	13.05	33	05	29.9	0.48	173.31	5.9		21	58	13	33	05	24	0.497	180.4	1954.72119	1992.66455	13.5	15.1	——
5376	21	59	10.66	24	44	17.4	0.52	94.01	7.1		21	59	11	24	44	12	0.490	88.6	1951.52722	1990.77856	12.5	14.0	——
5377	22	01	36.53	-53	05	36.9	0.51	173.97	6.6	Tcs	22	01	37	-53	05	42	0.493	174.5	1978.79736	1993.69043	7.2	7.8	8809-01062-1
5378	22	04	51.75	10	26	1.8	0.50	197.26	11.2		22	04	51	10	26	0	0.493	201.4	1954.51624	1990.71021	14.8	16.4	——
5379	22	05	6.93	05	08	10.7	0.51	77.93	1.7		22	05	7	05	08	12	0.488	74.4	1953.62292	1994.59265	12.8	14.4	——
5380	22	05	12.60	-20	08	27.6	0.55	190.88	9.2		22	05	12	-20	08	24	0.496	200.2	1977.54163	1991.74792	16.3	18.4	——
5381	22	07	48.60	05	39	8.9	0.51	78.96	6.7		22	07	49	05	39	12	0.497	73.6	1953.62292	1994.59265	15.1	16.6	——
5382	22	12	6.14	-85	12	5.0	0.60	130.20	109.6		22	10	42	-85	11	36	0.496	129.9	1976.66003	1994.50415	12.2	13.7	——
5383	22	14	17.96	-04	34	47.2	0.65	130.46	15.2	Bb	22	14	17	-04	34	42	0.497	131.0	1983.53894	1991.67126	14.1	15.6	——
5383a	22	20	53.85	42	40	3.5	0.56	93.61	8.7		22	20	54	42	40	12	0.489	91.6	1952.65369	1989.67175	14.9	16.0	——
5384	22	21	49.84	-42	09	2.6	0.63	170.75	8.7	B	22	21	50	-42	08	54	0.491	198.8	1980.54822	1990.72058	14.6	—	——
5385	22	24	19.26	07	35	6.9	0.54	108.02	3.9		22	24	19	07	35	6	0.490	112.2	1954.57922	1990.62830	13.9	15.1	——
5386	22	24	56.06	52	00	18.0	0.47	33.54	14.8		22	24	57	52	00	30	0.495	31.4	1952.70007	1989.65283	14.8	16.6	——
5387	22	27	39.81	-01	54	12.7	0.92	134.06	3.0	Bb	22	27	40	-01	54	12	0.486	149.8	1982.62366	1986.75610	17.6	19.1	——
5388	22	29	15.40	43	19	54.5	0.45	35.95	7.0		22	29	15	43	20	0	0.495	31.3	1952.55298	1989.75659	15.1	16.6	——
5389	22	46	17.00	04	10	42.0	0.49	193.30	—	N	22	46	17	04	10	42	0.486	193.3	1953.70752	1991.76770	15.7	17.0	——
5390	22	46	29.69	-10	28	43.2	0.62	105.15	10.3	Bb	22	46	29	-10	28	42	0.488	96.5	1983.53076	1991.53967	15.0	16.5	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
5391	22	47	04.19	29	51	8.2	0.46	96.87	10.7	T	22	47	5	29	51	6	0.484	94.8	1954.60095	1991.70483	11.9	12.5	2233-00482-1
5392	22	50	29.41	-33	36	57.2	0.60	145.20	5.8		22	50	29	-33	37	0	0.497	156.4	1984.63818	1996.60925	16.2	—	——
5393	22	52	42.84	03	59	39.5	0.48	77.97	8.8		22	52	43	03	59	48	0.481	72.7	1953.70752	1990.78406	15.9	17.1	——
5394	22	52	48.26	-28	47	43.7	0.47	226.66	3.8		22	52	48	-28	47	42	0.493	236.9	1977.62634	1991.74792	11.0	12.8	——
5395	23	00	21.37	69	57	36.6	0.53	82.59	8.4		23	00	23	69	57	36	0.495	73.0	1952.63477	1992.59668	15.2	16.7	——
5396	23	00	23.58	-31	07	11.7	0.50	201.69	44.3	H	23	00	27	-31	07	18	0.490	200.9	1977.62634	1991.74792	11.2	—	11359——
5397	23	14	15.38	-56	50	52.0	0.49	238.56	63.4	T	23	14	17	-56	51	54	0.480	236.9	1980.48303	1994.51233	12.6	13.4	8834-00771-1
5398	23	16	4.28	57	22	31.0	0.48	81.95	2.5		23	16	4	57	22	30	0.496	84.6	1952.70837	1990.78955	12.0	13.1	——
5399	23	16	18.13	-44	32	56.6	0.56	82.36	12.6	s	23	16	17	-44	33	0	0.486	74.9	1976.63550	1991.69861	9.7	11.0	——
5400	23	18	17.24	79	34	47.1	0.53	103.79	3.5		23	18	16	79	34	48	0.484	102.0	1954.72314	1996.64026	13.9	15.4	——
5400a	23	18	54.56	05	24	20.6	0.51	101.68	8.7	s	23	18	54	05	24	18	0.485	102.7	1951.60657	1993.63916	8.5	9.6	——
5401	23	20	43.59	-01	06	39.2	0.61	115.36	6.9	Bb	23	20	44	-01	06	36	0.482	113.6	1981.74927	1991.67395	13.5	14.6	——
5402	23	24	23.61	-07	34	16.9	0.75	93.33	5.9	Bb	23	24	24	-07	34	18	0.486	75.7	1983.81775	1988.83606	15.7	16.6	——
5403	23	25	41.30	00	04	18.9	0.66	104.90	11.7	Bb	23	25	42	00	04	24	0.498	103.5	1981.74927	1990.65845	17.0	18.3	——
5404	23	25	42.20	-45	36	37.2	0.58	100.61	37.2		23	25	42	-45	36	0	0.482	96.0	1976.63550	1991.69861	11.5	13.0	——
5405	23	28	47.74	05	14	53.4	0.47	230.04	7.6		23	28	48	05	15	0	0.492	238.1	1951.60657	1993.63928	13.2	13.2	——
5406	23	30	41.90	46	39	54.5	0.54	105.54	10.8		23	30	41	46	40	0	0.485	102.0	1954.58484	1989.67737	13.7	15.2	——
5407	23	35	39.19	44	46	50.4	0.52	98.70	12.9		23	35	38	44	46	48	0.487	95.5	1952.63220	1989.67737	16.1	17.6	——
5408	23	36	36.12	-19	47	46.0	0.48	222.50	21.1	P	23	36	35	-19	48	0	0.484	222.5	1980.82629	——	14.4	15.7	——
5409	23	50	31.08	12	42	4.8	0.56	179.75	7.2		23	50	31	12	42	12	0.487	179.5	1951.60925	1986.74585	14.0	15.3	——
5410	23	57	33.52	-09	38	51.1	0.48	107.74	7.8	TPW	23	57	34	-09	38	48	0.484	109.0	1983.74939	——	8.0	8.7	5831-01020-1
5411	23	57	45.27	19	46	9.4	0.53	163.93	4.6		23	57	45	19	46	12	0.486	164.0	1954.67493	1991.76782	11.8	13.8	——
5412	23	57	53.76	08	36	45.6	0.46	156.36	11.5		23	57	53	08	36	48	0.497	141.8	1955.86072	1991.69678	11.7	12.8	——
5413	23	58	29.66	-25	17	1.3	0.52	117.66	18.2		23	58	31	-25	17	0	0.480	116.7	1977.55542	1996.68579	17.2	19.5	——
6000	00	00	36.62	17	58	8.1	0.36	92.59	9.8	T	00	00	37	17	58	0	0.394	97.2	1954.67493	1991.76782	10.7	11.8	1181-00975-1
6001	00	06	22.99	18	00	12.5	0.44	139.50	0.5		00	06	23	18	00	12	0.465	143.8	1954.67493	1991.76782	16.6	16.6	——
6002	00	13	20.71	39	08	46.7	0.46	244.14	8.4		00	13	20	39	08	48	0.477	247.5	1954.75977	1989.75671	12.9	14.8	——
6003	00	13	39.22	00	19	23.9	0.47	114.62	11.7		00	13	40	00	19	24	0.465	114.1	1951.60938	1991.75891	15.7	15.6	——
6004	00	15	25.00	-03	19	6.0	0.39	120.30	—	NPW	00	15	25	-03	19	6	0.386	120.3	——	——	14.4	15.9	——
6005	00	23	21.73	23	44	30.1	0.44	97.24	3.7		00	23	22	23	44	30	0.408	91.9	1954.66406	1989.89075	14.7	15.8	——
6006	00	26	47.01	27	01	17.8	0.43	193.99	5.8		00	26	47	27	01	12	0.422	199.2	1954.66406	1989.89075	15.1	16.0	——
6007	00	27	6.86	49	41	52.1	0.46	123.61	2.3		00	27	7	49	41	54	0.477	123.6	1954.73792	1995.79785	13.5	16.2	——
6008	00	33	54.74	43	42	11.1	0.44	136.82	23.3		00	33	55	43	41	48	0.428	137.0	1953.77344	1989.76233	15.2	16.3	——
6009	00	39	19.10	55	08	11.8	0.44	228.51	6.2		00	39	19	55	08	18	0.470	240.9	1954.75159	1990.64490	13.2	15.5	——
6010	00	41	6.00	-16	38	24.0	0.46	230.80	—	NPW	00	41	6	-16	38	24	0.464	230.8	——	——	13.7	15.2	——
6011	00	41	47.82	73	21	14.5	0.46	56.86	15.4		00	41	45	73	21	24	0.461	50.8	1954.72681	1995.81433	16.1	16.1	——
6012	00	46	30.09	50	38	38.2	0.51	117.17	11.0		00	46	29	50	38	42	0.477	119.2	1954.73792	1995.79785	13.6	15.8	——
6013	00	48	25.86	00	40	53.7	0.48	164.07	2.1	Bb	00	48	26	00	40	54	0.345	204.5	1982.85059	1987.72974	13.3	14.8	——
6014	00	50	11.00	-22	42	30.0	0.46	92.30	—	BNb	00	50	11	-22	42	30	0.462	92.3	1980.63025	1989.73975	14.3	15.8	——
6015	00	51	0.11	18	05	16.5	0.37	217.19	2.2		00	51	0	18	05	18	0.395	223.2	1953.99756	1987.64771	15.0	16.1	——
6016	00	54	47.78	19	41	0.5	0.48	207.26	12.3		00	54	47	19	41	6	0.461	212.6	1953.99756	1987.64771	13.7	15.0	——
6017	00	55	41.70	35	33	38.6	0.42	245.27	4.5		00	55	42	35	33	36	0.455	249.7	1951.83899	1989.74597	14.2	15.5	——
6018	00	59	28.97	31	08	17.8	0.47	100.78	13.9		00	59	28	31	08	24	0.442	112.3	1952.71118	1990.81433	13.6	15.3	——
6019	01	04	4.81	59	38	4.9	0.43	92.60	5.1		01	04	5	59	38	0	0.420	99.7	1952.70850	1991.69971	15.2	16.5	——
6020	01	06	45.91	29	46	43.1	0.48	118.56	1.6		01	06	46	29	46	42	0.466	117.6	1952.71118	1989.82251	13.3	14.6	——
6021	01	08	32.88	06	12	38.7	0.42	133.76	3.8		01	08	33	06	12	42	0.399	131.9	1954.68054	1995.72949	12.1	14.0	——
6022	01	08	51.70	31	25	35.6	0.39	95.49	9.0		01	08	51	31	25	36	0.377	94.1	1952.71118	1989.82251	14.0	14.9	——
6023	01	10	6.51	01	06	21.7	0.42	181.11	22.5	Bb	01	10	8	01	06	24	0.368	208.4	1982.55005	1990.65869	12.9	14.0	——
6024	01	15	15.00	-34	20	30.0	0.46	170.60	—	NPW	01	15	15	-34	20	30	0.464	170.6	——	——	12.3	14.0	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
6025	01	15	16.00	-34	20	36.0	0.46	170.60	—	NPW	01	15	16	-34	20	36	0.464	170.6	——	——	13.7	15.9	——
6026	01	16	19.70	13	34	10.7	0.48	96.57	10.3		01	16	19	13	34	12	0.436	91.9	1952.94287	1989.84167	13.5	15.0	——
6027	01	17	50.74	28	40	13.3	0.41	231.74	10.8	B	01	17	50	28	40	18	0.459	233.2	1949.97290	1989.82251	12.2	13.7	——
6028	01	25	37.00	09	45	30.0	0.48	151.60	—	NPW	01	25	37	09	45	30	0.478	151.6	——	——	12.6	14.1	——
6029	01	32	44.40	20	59	14.1	0.45	110.46	6.8		01	32	44	20	59	18	0.442	107.2	1954.89368	1990.71606	11.4	12.5	——
6030	01	33	0.45	13	36	17.3	0.48	212.24	6.6		01	33	0	13	36	18	0.457	217.7	1949.88818	1990.70789	14.8	16.4	——
6031	01	38	21.96	57	13	55.7	0.38	201.31	8.9		01	38	21	57	14	0	0.363	206.7	1954.00842	1989.91541	12.0	13.8	——
6032	01	45	18.38	46	32	6.8	0.45	66.44	4.0		01	45	18	46	32	6	0.473	60.1	1953.78186	1989.74329	10.7	12.8	——
6033	01	46	37.00	-08	39	0.0	0.43	114.10	—	NPW	01	46	37	-08	39	0	0.434	114.1	——	——	12.0	14.3	——
6034	01	52	22.89	65	58	42.3	0.51	104.49	6.8		01	52	24	65	58	42	0.475	100.1	1953.83093	1991.69690	13.7	15.0	——
6035	01	53	24.00	07	30	18.0	0.46	122.00	—	BN	01	53	24	07	30	18	0.456	122.0	1949.89380	1986.66687	14.6	16.1	——
6036	01	53	28.60	73	29	41.7	0.46	120.46	11.1		01	53	26	73	29	42	0.456	122.0	1954.74084	1993.63953	12.7	14.2	——
6037	01	54	3.83	24	36	39.7	0.48	97.35	14.0		01	54	3	24	36	48	0.436	94.1	1953.86646	1991.77344	14.4	16.0	——
6038	01	55	37.35	02	52	56.9	0.90	158.66	6.1	Bb	01	55	37	02	53	0	0.416	226.8	1984.60046	1986.66699	11.6	12.7	——
6039	01	56	1.25	55	51	26.1	0.48	125.83	4.4		01	56	1	55	51	30	0.442	120.3	1954.75732	1989.91541	13.5	14.6	——
6040	01	57	9.18	76	40	5.2	0.47	125.85	8.2		01	57	11	76	40	0	0.474	126.7	1954.72424	1993.63953	15.2	16.3	——
6041	02	03	20.74	-21	13	43.3	0.47	205.18	13.8	T	02	03	21	-21	13	30	0.464	209.7	1977.93274	1991.90955	11.1	12.7	5858-01349-1
6042	02	10	49.17	33	59	39.1	0.41	222.53	14.9		02	10	48	33	59	36	0.455	233.0	1954.73804	1989.91821	14.6	16.2	——
6043	02	12	32.37	50	06	32.8	0.44	220.21	6.8		02	12	33	50	06	36	0.405	227.4	1953.91296	1989.75696	14.4	15.7	——
6044	02	12	42.63	71	48	45.0	0.49	115.72	15.2		02	12	42	71	49	0	0.468	110.8	1954.74084	1991.68616	14.3	15.8	——
6045	02	15	35.00	33	57	42.0	0.42	156.50	—	NPW	02	15	35	33	57	42	0.424	156.5	——	——	12.7	14.4	——
6046	02	16	16.42	10	13	9.6	0.45	192.41	7.2		02	16	16	10	13	6	0.414	202.5	1950.61768	1991.76807	13.0	14.6	——
6047	02	20	4.52	09	08	39.7	0.45	111.03	8.6		02	20	4	09	08	36	0.442	111.8	1954.97302	1991.76807	13.4	14.5	——
6048	02	25	5.00	33	57	48.0	0.46	104.00	—	NPW	02	25	5	33	57	48	0.460	104.0	——	——	13.4	14.7	——
6049	02	33	19.53	08	11	25.9	0.50	76.39	8.9	T	02	33	19	08	11	30	0.445	73.7	1954.97302	1990.81458	11.4	12.5	0639-00922-1
6050	02	39	17.45	07	28	15.9	0.55	107.51	8.4		02	39	18	07	28	18	0.446	105.1	1954.97302	1990.73267	13.2	14.9	——
6051	02	48	32.44	08	43	2.8	0.48	162.55	8.8		02	48	33	08	43	0	0.472	163.0	1955.03870	1990.81458	13.8	15.4	——
6052	02	57	1.00	48	51	48.0	0.40	209.60	—	N	02	57	1	48	51	48	0.402	209.6	1953.76831	1989.76257	12.8	13.9	——
6053	02	57	43.00	-05	51	30.0	0.46	83.10	—	NPW	02	57	43	-05	51	30	0.457	83.1	——	——	13.3	15.0	——
6054	03	03	30.00	-05	39	54.0	0.45	128.20	—	NPW	03	03	30	-05	39	54	0.446	128.2	——	——	8.0	8.9	——
6055	03	03	55.82	61	19	31.4	0.44	168.35	4.7		03	03	56	61	19	36	0.432	173.2	1954.07422	1993.94287	14.3	16.4	——
6056	03	07	30.16	45	00	39.9	0.44	125.25	12.0		03	07	31	45	00	48	0.448	118.1	1957.96777	1989.75989	15.5	17.1	——
6057	03	11	27.00	-12	37	12.0	0.44	183.20	—	N	03	11	27	-12	37	12	0.437	183.2	1982.70605	1995.89587	10.9	11.5	——
6058	03	16	58.98	45	53	41.2	0.50	149.25	10.7		03	17	0	45	53	42	0.434	142.6	1954.76013	1989.75989	12.5	13.8	——
6059	03	17	44.99	04	43	39.0	0.46	80.62	3.0		03	17	45	04	43	42	0.444	73.7	1955.87476	1990.74084	15.0	16.9	——
6060	03	22	57.00	-08	37	24.0	0.32	69.20	—	NPW	03	22	57	-08	37	24	0.320	69.2	——	——	13.7	14.8	——
6061	03	24	39.61	43	59	5.2	0.39	141.49	15.0		03	24	41	43	59	6	0.446	129.4	1953.02490	1989.75989	15.0	16.6	——
6062	03	44	49.10	81	53	27.3	0.51	149.73	11.4		03	44	46	81	53	18	0.421	152.1	1954.89404	1994.77637	17.1	18.7	——
6063	03	44	38.82	45	27	25.9	0.54	119.43	10.3		03	44	39	45	27	36	0.479	108.5	1954.76013	1989.75171	14.6	16.1	——
6064	03	45	16.03	04	02	36.6	0.53	141.04	5.5		03	45	16	04	02	42	0.469	141.0	1955.94312	1990.81738	14.1	16.3	——
6065	03	47	17.42	-64	19	46.3	0.42	50.44	3.2	TBs	03	47	17	-64	19	48	0.461	51.2	1982.87000	1989.89038	8.9	9.5	8870-00838-1
6066	03	56	47.41	53	33	36.8	0.50	142.03	16.8	T	03	56	46	53	33	48	0.438	139.6	1954.74927	1990.87207	11.0	12.4	3717-00624-1
6067	03	58	26.96	-07	08	35.5	0.63	169.90	5.5	Bb	03	58	27	-07	08	30	0.472	214.2	1982.80725	1986.02466	13.4	15.0	——
6068	03	59	11.59	35	55	0.2	0.50	143.19	5.0		03	59	12	35	55	0	0.454	140.9	1954.97058	1993.70789	13.0	15.0	——
6069	04	03	51.46	25	46	15.1	0.51	176.44	33.7	B	04	03	52	25	46	48	0.472	179.1	1949.97314	1993.94287	12.7	14.7	——
6070	04	07	03.44	54	11	1.4	0.33	154.70	5.1	T	04	07	4	54	11	0	0.369	154.6	1954.74927	1990.87207	9.7	10.2	3718-01480-1
6071	04	11	33.68	19	39	43.7	0.51	122.28	14.4		04	11	34	19	39	30	0.474	123.8	1950.93762	1989.97302	14.4	15.7	——
6072	04	13	10.36	50	31	40.3	0.42	239.58	7.5		04	13	11	50	31	36	0.457	242.8	1954.76282	1993.80090	12.6	14.5	——
6073	04	19	59.66	36	29	11.3	0.50	154.81	14.9	H	04	19	59	36	29	24	0.467	169.9	1955.81213	1989.82556	11.5	—	20222

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
6074	04	25	46.77	05	16	3.1	0.47	160.58	4.5	T	04	25	47	05	16	6	0.473	159.5	1953.86121	1986.76831	11.9	12.4	0081-01387-1
6075	04	27	40.51	27	01	5.8	0.30	125.76	6.5		04	27	41	27	01	6	0.451	116.8	1950.94299	1994.77649	13.0	14.8	——
6076	04	33	55.58	04	33	7.5	0.46	131.56	7.7		04	33	56	04	33	12	0.427	129.2	1953.86121	1990.89124	15.6	16.9	——
6077	04	36	26.00	-03	43	54.0	0.46	195.20	—	NPW	04	36	26	-03	43	54	0.464	195.2	——	——	12.8	14.5	——
6078	04	37	45.00	-04	04	54.0	0.43	150.90	—	NPW	04	37	45	-04	04	54	0.432	150.9	——	——	14.6	16.2	——
6079	04	43	58.73	51	06	26.1	0.52	90.93	7.2	c	04	43	58	51	06	24	0.463	86.5	1953.77112	1988.84790	16.2	16.2	——
6080	04	44	39.62	01	15	2.0	0.57	75.55	9.5	Bb	04	44	39	01	15	0	0.478	49.5	1981.96570	1991.10449	13.6	14.9	——
6081	05	04	12.97	47	33	36.2	0.47	140.93	15.7		05	04	14	47	33	48	0.454	138.8	1950.93774	1989.74365	13.3	14.4	——
6082	05	10	22.24	48	50	31.1	0.46	154.07	2.6		05	10	22	48	50	30	0.454	154.9	1950.93774	1996.72803	11.3	12.8	——
6083	05	12	17.38	41	26	45.6	0.47	181.64	20.1	Ts	05	12	19	41	26	54	0.473	182.9	1953.12097	1988.84521	9.0	10.2	2904-01674-1
6084	05	16	9.22	23	05	18.0	0.42	131.97	10.8		05	16	10	23	05	18	0.420	130.2	1951.98706	1988.95142	13.1	14.2	——
6085	05	29	22.77	37	54	47.8	0.47	146.13	25.9		05	29	22	37	55	12	0.452	150.4	1954.99524	1989.76550	14.7	16.3	——
6086	05	30	55.27	21	37	37.4	0.52	180.52	11.2		05	30	56	21	37	42	0.469	182.3	1951.98706	1991.79578	15.2	16.7	——
6087	05	31	31.73	48	07	42.3	0.49	119.50	6.3		05	31	32	48	07	48	0.473	116.6	1950.93774	1989.77100	14.2	15.9	——
6088	05	33	0.04	26	08	25.0	0.44	170.30	13.0		05	33	1	26	08	24	0.471	175.0	1951.98706	1990.79028	14.7	16.0	——
6089	05	33	02.49	29	23	20.1	0.37	241.41	7.0	T	05	33	3	29	23	18	0.330	245.2	1955.80945	1989.89124	12.0	14.5	1860-00185-1
6090	05	36	7.75	52	45	45.0	0.48	153.65	3.8	c	05	36	8	52	45	48	0.414	152.8	1953.11279	1991.11267	13.6	15.4	——
6091	05	37	2.54	20	43	48.9	0.43	187.12	6.5	cs	05	37	3	20	43	48	0.433	189.9	1951.90771	1991.79578	8.5	9.1	——
6092	05	43	3.71	01	31	58.1	0.51	165.51	9.0		05	43	4	01	32	6	0.408	165.0	1951.91052	1990.86951	12.9	14.4	——
6093	05	53	25.35	26	03	52.4	0.44	143.84	9.8		05	53	26	26	03	48	0.476	149.1	1951.85315	1992.06616	14.4	16.0	——
6094	05	53	56.59	53	04	38.3	0.47	72.95	5.8		05	53	56	53	04	36	0.467	72.3	1953.11279	1990.06348	13.4	15.1	——
6095	05	53	59.00	-14	22	48.0	0.45	169.30	—	NPW	05	53	59	-14	22	48	0.450	169.3	——	——	11.6	11.8	——
6096	05	54	12.77	00	10	32.7	0.34	186.23	4.8	Bb	05	54	13	00	10	36	0.459	175.8	1984.06421	1990.80676	14.0	15.5	——
6097	05	58	53.33	21	21	0.1	0.55	155.62	4.6		05	58	53	21	21	0	0.469	161.5	1951.85315	1990.80957	14.8	16.3	——
6098	06	01	30.87	36	49	14.1	0.49	115.98	10.7		06	01	30	36	49	12	0.419	117.4	1954.00623	1989.82300	14.3	15.6	——
6099	06	02	53.14	31	29	39.8	0.46	150.01	4.2		06	02	53	31	29	36	0.392	154.8	1951.83960	1989.85315	14.8	16.3	——
6100	06	11	56.07	33	25	49.3	0.48	162.88	1.6		06	11	56	33	25	48	0.436	162.6	1954.00623	1989.82300	14.5	16.0	——
6101	06	12	19.08	17	43	52.8	0.49	165.59	1.7		06	12	19	17	43	54	0.447	170.2	1955.89612	1996.77454	15.2	16.7	——
6102	06	14	51.38	35	43	0.8	0.49	178.44	4.7		06	14	51	35	43	0	0.453	179.3	1954.00623	1989.82300	11.6	12.7	——
6103	06	16	39.59	25	12	21.8	0.42	172.67	8.3	T	06	16	39	25	12	24	0.439	176.6	1954.89429	1997.02515	9.5	10.8	1881-01244-1
6104	06	16	50.33	44	42	20.6	0.42	217.44	7.6	Ts	06	16	51	44	42	18	0.427	214.5	1953.12109	1989.82568	9.1	10.1	2938-01279-1
6105	06	30	34.00	16	22	23.7	0.46	165.24	0.3		06	30	34	16	22	24	0.476	168.0	1955.86157	1997.10168	14.1	15.8	——
6106	06	31	23.11	-01	34	14.5	0.43	215.91	3.9	T	06	31	23	-01	34	18	0.428	214.9	1955.88342	1990.82593	10.1	11.1	4798-00964-1
6107	06	31	28.45	-01	41	22.3	0.44	216.88	11.3		06	31	29	-01	41	30	0.439	216.3	1955.88342	1990.82593	13.4	15.2	——
6108	06	40	20.08	59	24	48.1	0.49	196.53	10.1		06	40	19	59	24	54	0.476	203.4	1954.83972	1990.00073	14.1	15.6	——
6109	06	47	44.93	58	38	32.2	0.53	180.42	12.9		06	47	46	58	38	42	0.473	177.2	1954.83972	1990.00073	10.6	11.2	——
6110	06	48	53.93	-04	59	7.0	1.05	152.74	7.0	Bb	06	48	54	-04	59	0	0.390	137.3	1983.17102	1985.05481	12.9	13.7	——
6111	06	49	57.16	60	20	7.8	0.48	34.71	2.2	s	06	49	57	60	20	6	0.470	306.0	1954.83972	1990.00073	9.4	10.3	——
6112	06	54	21.12	24	13	25.2	0.46	142.21	12.1		06	54	22	24	13	24	0.421	147.0	1956.26819	1994.02808	14.8	15.9	——
6114	06	59	2.45	01	09	25.9	0.57	133.86	8.5	Bb	06	59	3	01	09	24	0.433	152.4	1981.17102	1989.02734	14.1	16.6	——
6115	07	09	49.75	07	57	58.3	0.47	150.92	19.7		07	09	49	07	57	42	0.451	146.6	1954.17578	1989.83960	14.6	16.1	——
6116	07	13	2.05	13	44	6.2	0.40	285.31	0.7		07	13	2	13	44	6	0.424	287.3	1955.22229	1989.07458	14.5	16.4	——
6119	07	17	30.00	19	34	15.4	0.43	226.20	14.4		07	17	31	19	34	18	0.426	233.3	1953.02271	1991.18127	12.2	14.6	——
6120	07	19	46.02	25	06	51.6	0.51	265.56	2.4		07	19	46	25	06	54	0.452	264.7	1954.97363	1997.02539	14.2	15.6	——
6122	07	22	9.69	-01	51	47.2	0.44	301.76	12.4		07	22	9	-01	51	54	0.424	304.7	1955.89429	1990.20544	9.0	10.1	——
6123	07	24	59.28	46	05	58.6	0.42	222.55	3.2	Ts	07	24	59	46	06	0	0.436	221.1	1953.12122	1987.00635	9.2	10.2	3393-01303-1
6124	07	25	11.00	50	32	6.0	0.44	120.60	—	NPW	07	25	11	50	32	6	0.437	120.6	——	——	14.6	15.6	——
6125	07	30	27.12	63	57	55.7	0.45	195.71	8.6		07	30	26	63	58	0	0.394	198.4	1953.18115	1989.97620	14.2	15.7	——
6126	07	31	38.47	16	44	0.5	0.52	162.84	6.8		07	31	38	16	44	0	0.452	163.6	1953.02271	1989.07458	14.2	16.2	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
6127	07	33	24.00	49	44	24.0	0.48	260.70	—	NPW	07	33	24	49	44	24	0.476	260.7	——	——	10.7	12.0	——
6128	07	34	27.71	62	56	28.2	0.45	246.37	5.2		07	34	27	62	56	30	0.424	261.8	1953.18115	1989.97620	11.7	12.8	——
6129	07	36	9.50	57	26	55.6	0.06	143.90	31.8		07	36	9	57	26	24	0.360	190.4	1954.89978	1995.15381	14.5	16.3	——
6130	07	39	1.43	77	34	44.9	0.46	199.69	8.8	c	07	39	4	77	34	42	0.447	202.2	1954.90527	1991.93274	16.2	18.0	——
6131	07	39	4.06	77	34	51.4	0.42	198.34	7.1	d	07	39	6	77	34	48	0.447	202.2	1954.90527	1991.93274	15.1	16.7	——
6132	07	41	45.54	75	01	1.0	0.47	187.35	11.2		07	41	45	75	01	12	0.454	188.1	1954.90527	1991.93274	13.3	14.8	——
6133	07	48	48.00	58	18	42.0	0.46	144.90	—	NPW	07	48	48	58	18	42	0.456	144.9	——	——	14.5	16.0	——
6134	07	52	9.00	59	08	54.0	0.36	85.30	—	NPW	07	52	9	59	08	54	0.357	85.3	——	——	13.8	15.3	——
6135	07	53	27.21	-06	44	8.9	1.56	138.86	4.4	Bb	07	53	27	-06	44	12	0.434	163.8	1983.93616	1985.05481	12.2	13.5	——
6136	07	54	53.00	19	14	12.0	0.48	167.60	—	NPW	07	54	53	19	14	12	0.477	167.6	——	——	8.2	9.3	——
6137	07	55	26.11	36	21	53.3	0.43	189.31	6.8		07	55	26	36	22	0	0.420	194.9	1954.15405	1988.94910	16.0	16.0	——
6138	07	56	1.31	57	41	57.6	0.50	186.37	46.4		07	56	7	57	42	6	0.400	176.9	1954.01196	1995.15381	14.6	14.7	——
6139	08	11	28.00	20	39	36.0	0.43	175.70	—	NPW	08	11	28	20	39	36	0.426	175.7	——	——	14.9	16.0	——
6140	08	13	28.60	-32	27	31.2	0.12	303.04	8.8	Bb	08	13	29	-32	27	24	0.461	326.2	1987.24487	1992.02454	13.0	14.4	——
6141	08	13	46.25	44	26	43.1	0.45	137.18	2.9		08	13	46	44	26	42	0.425	138.1	1955.07751	1989.15674	12.7	14.3	——
6142	08	17	5.03	-02	35	50.3	0.93	128.82	14.7	Bb	08	17	6	-02	35	48	0.435	133.8	1983.04016	1987.01917	11.7	13.3	——
6143	08	17	31.82	20	59	50.5	0.43	233.51	3.6		08	17	32	20	59	48	0.470	234.7	1955.22778	1993.93811	12.5	13.8	——
6144	08	17	48.78	58	33	55.1	0.41	149.65	10.7		08	17	50	58	34	0	0.338	146.5	1954.01196	1989.97363	14.5	15.4	——
6145	08	20	13.04	09	20	13.4	0.47	202.65	1.5		08	20	13	09	20	12	0.438	203.4	1951.98743	1989.17847	14.2	15.7	——
6146	08	26	29.19	07	43	45.9	0.37	250.85	4.8		08	26	29	07	43	42	0.427	255.1	1953.02283	1989.17847	15.3	16.8	——
6147	08	27	44.39	04	18	16.2	0.38	219.97	6.1		08	27	44	04	18	18	0.417	217.3	1953.02283	1996.88110	14.4	16.1	——
6148	08	32	43.81	-07	49	51.5	0.29	118.85	12.5	Bb	08	32	43	-07	49	48	0.335	269.6	1984.02637	1987.07666	13.2	15.1	——
6149	08	34	25.88	-01	08	41.5	0.52	152.56	32.3		08	34	28	-01	08	36	0.472	155.9	1954.97107	1992.03284	12.2	14.4	——
6150	08	40	5.04	07	09	16.4	0.40	190.84	13.7		08	40	5	07	09	30	0.421	190.2	1953.02283	1991.10217	13.9	15.8	——
6151	08	42	30.11	-16	52	16.5	0.64	136.49	40.5	Bb	08	42	30	-16	51	36	0.679	138.5	1982.00464	1988.20496	17.6	20.4	——
6152	08	43	19.30	44	29	41.1	0.46	237.92	7.5		08	43	20	44	29	42	0.468	241.9	1953.12134	1991.13489	13.4	15.2	——
6153	08	44	49.38	24	09	8.9	0.42	192.10	28.4		08	44	50	24	09	36	0.458	196.7	1955.22241	1993.21960	15.1	16.7	——
6154	08	46	29.93	26	45	55.3	0.44	155.52	13.3		08	46	29	26	46	0	0.414	161.0	1953.93823	1993.21960	13.1	14.7	——
6155	08	56	8.49	59	21	34.1	0.45	191.89	5.6		08	56	8	59	21	30	0.447	195.7	1954.90540	1996.20813	14.8	16.3	——
6156	08	57	9.80	04	58	42.9	0.50	166.33	12.0		08	57	9	04	58	42	0.464	170.7	1955.22522	1990.96008	15.0	16.5	——
6157	08	58	44.23	27	44	35.6	0.50	186.96	7.1		08	58	44	27	44	42	0.450	195.3	1953.93823	1993.21960	13.3	14.6	——
6158	08	58	56.45	08	28	24.6	0.55	131.84	9.4		08	58	56	08	28	18	0.459	134.2	1951.91101	1986.99561	11.5	12.6	——
6159	09	02	9.00	04	58	24.0	0.46	170.40	—	N	09	02	9	04	58	24	0.461	170.4	1955.22522	1990.96008	15.3	16.8	——
6160	09	02	17.89	46	30	32.4	0.37	253.03	12.4		09	02	17	46	30	24	0.415	254.7	1954.17871	1991.13489	13.0	14.1	——
6161	09	05	16.69	38	47	54.5	0.47	179.44	3.7	T	09	05	17	38	47	54	0.478	176.2	1953.28540	1989.93542	11.6	12.1	2983-00274-1
6162	09	05	18.54	25	17	51.6	0.42	224.11	6.7		09	05	19	25	17	54	0.446	230.2	1951.09399	1987.24695	11.2	12.5	——
6163	09	05	28.50	55	37	9.3	0.41	194.46	5.4	T	09	05	29	55	37	6	0.361	198.3	1954.14868	1991.11035	11.0	12.7	3808-00736-1
6164	09	05	43.00	18	36	36.0	0.39	172.90	—	NPW	09	05	43	18	36	36	0.392	172.9	——	——	12.0	13.3	——
6165	09	06	48.56	50	09	12.0	0.43	252.15	8.1		09	06	48	50	09	6	0.445	256.1	1954.17871	1991.11853	11.8	12.9	——
6166	09	13	23.04	03	40	41.7	0.41	261.28	14.4	B	09	13	24	03	40	42	0.436	259.3	1949.91357	1991.09937	13.4	14.7	——
6167	09	15	36.39	-10	35	48.5	0.44	222.87	8.0	Bb	09	15	36	-10	35	54	0.459	244.3	1983.19580	1991.26025	13.2	15.0	——
6168	09	19	22.87	62	03	16.8	0.49	216.19	9.3	T	09	19	24	62	03	12	0.425	217.2	1954.90540	1997.10486	11.6	13.2	4135-00570-1
6169	09	21	12.60	23	32	36.2	0.44	194.88	8.2		09	21	12	23	32	36	0.441	198.7	1951.09399	1987.24695	14.9	16.7	——
6170	09	33	37.20	16	01	2.5	0.45	208.94	4.5		09	33	37	16	01	6	0.428	217.7	1955.94653	1991.18420	14.8	15.7	——
6171	09	43	46.66	-07	03	49.4	0.99	144.44	9.9	Bb	09	43	46	-07	03	48	0.441	187.5	1983.35718	1985.05481	16.3	16.4	——
6172	09	44	18.14	62	50	50.3	0.44	222.84	10.2		09	44	19	62	50	42	0.450	227.8	1953.20349	1989.97644	13.9	15.4	——
6173	09	45	51.00	35	21	42.0	0.46	234.90	—	NPW	09	45	51	35	21	42	0.462	234.9	——	——	14.1	15.4	——
6174	09	48	31.00	54	39	18.0	0.43	258.30	—	NPW	09	48	31	54	39	18	0.432	258.3	——	——	11.4	13.2	——
6175	09	49	42.82	65	18	15.0	0.50	238.63	11.8	Ts	09	49	41	65	18	18	0.446	238.8	1953.20349	1989.97644	9.7	10.5	4142-00260-1

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
6176	09	50	49.62	01	18	10.9	0.48	148.21	14.3		09	50	50	01	18	24	0.405	142.6	1954.99573	1986.19995	13.7	14.8	——
6177	09	53	11.82	-03	41	25.0	0.56	170.29	19.0	Bb	09	53	13	-03	41	18	0.471	191.3	1983.18213	1987.29590	10.8	12.6	——
6178	09	57	42.43	32	36	48.3	0.44	234.07	7.2		09	57	43	32	36	48	0.454	235.2	1955.19788	1988.94934	12.6	13.5	——
6179	09	57	58.11	11	48	27.1	0.43	243.14	3.3		09	57	58	11	48	30	0.467	249.8	1950.29089	1988.94385	13.5	15.3	——
6180	10	02	49.51	48	27	31.9	0.40	222.85	5.3		10	02	50	48	27	30	0.444	228.9	1953.12146	1989.93005	14.8	16.5	——
6181	10	04	51.00	69	09	54.0	0.41	214.30	—	NPW	10	04	51	69	09	54	0.410	214.3	——	——	14.3	15.8	——
6182	10	08	44.71	02	43	54.5	0.50	185.40	4.4		10	08	45	02	43	54	0.447	190.4	1955.22534	1986.02466	12.0	13.3	——
6183	10	10	33.84	07	43	7.4	0.49	222.47	2.8		10	10	34	07	43	6	0.470	228.6	1955.22534	1988.94385	13.5	14.6	——
6184	10	10	47.04	-05	07	32.2	0.27	246.75	14.8	Bb	10	10	48	-05	07	36	0.479	275.4	1983.18213	1987.29590	14.0	15.9	——
6185	10	12	35.90	05	12	27.0	0.39	166.29	16.2		10	12	35	05	12	18	0.352	168.0	1955.22534	1991.10229	15.3	16.4	——
6186	10	25	29.00	20	24	18.0	0.47	230.30	—	NPW	10	25	29	20	24	18	0.465	230.3	——	——	14.3	15.2	——
6187	10	28	12.15	-06	36	2.1	0.47	233.12	4.5	TBbcs	10	28	12	-06	36	6	0.465	231.0	1982.28625	1986.24390	8.0	8.9	4911-01315-1
6188	10	30	37.98	83	20	29.9	0.34	212.38	6.8		10	30	36	83	20	24	0.436	217.3	1953.28833	1997.18982	14.9	16.2	——
6190	10	34	54.34	00	29	42.7	0.46	146.10	9.9		10	34	55	00	29	42	0.442	147.4	1952.08301	1991.05042	13.2	15.2	——
6191	10	35	27.46	39	00	59.2	0.43	215.77	8.2		10	35	28	39	00	54	0.438	216.1	1953.18164	1990.21960	12.5	14.2	——
6192	10	50	29.15	56	26	30.5	0.46	160.29	9.6		10	50	30	56	26	24	0.435	158.5	1953.20911	1991.25537	12.4	13.3	——
6193	11	00	04.25	22	49	58.7	0.51	236.67	24.6	T	11	00	6	22	49	54	0.465	239.9	1955.22815	1992.31201	10.1	11.9	1978-01286-1
6194	11	02	57.08	-06	15	1.6	1.05	156.43	2.0	Bb	11	02	57	-06	15	0	0.477	253.4	1984.17651	1985.05481	13.8	15.4	——
6195	11	04	18.04	40	58	3.0	0.39	227.00	3.0		11	04	18	40	58	6	0.449	236.1	1955.21179	1989.03943	13.9	15.2	——
6196	11	05	33.93	34	14	33.6	0.44	198.00	2.5		11	05	34	34	14	36	0.410	205.7	1953.34583	1992.09399	12.3	13.6	——
6197	11	08	6.58	-28	16	8.3	0.38	237.83	6.0		11	08	7	-28	16	6	0.477	265.4	1978.11133	1991.19727	9.6	11.0	——
6198	11	12	34.00	46	09	24.0	0.39	262.30	—	NPW	11	12	34	46	09	24	0.394	262.3	——	——	12.4	14.6	——
6199	11	15	12.49	19	27	10.6	0.54	158.31	10.2		11	15	12	19	27	18	0.476	162.6	1950.20618	1995.23071	12.2	14.2	——
6200	11	15	23.27	-06	11	15.7	0.67	167.74	4.6	Bb	11	15	23	-06	11	18	0.453	200.8	1983.34912	1986.19995	12.3	13.2	——
6201	11	19	34.77	-03	27	49.9	0.72	159.83	3.9	Bb	11	19	35	-03	27	48	0.452	191.7	1983.34912	1986.19995	12.2	13.4	——
6202	11	19	46.13	42	22	7.1	0.42	222.69	7.2		11	19	46	42	22	0	0.428	229.0	1955.21179	1989.03943	15.0	16.1	——
6203	11	21	18.80	31	43	6.4	0.53	186.60	11.7		11	21	18	31	43	12	0.468	186.4	1950.34021	1989.02588	14.1	15.6	——
6204	11	26	5.60	50	22	31.7	0.43	281.48	4.2		11	26	6	50	22	30	0.476	285.7	1950.21741	1991.10522	10.6	11.2	——
6205	11	31	21.24	59	11	26.9	0.45	183.51	10.6		11	31	22	59	11	18	0.453	179.5	1953.28564	1993.30457	12.6	13.8	——
6206	11	32	12.06	00	37	2.7	0.49	145.00	2.9	Bb	11	32	12	00	37	0	0.468	144.0	1980.21729	1989.11328	11.4	12.9	——
6207	11	33	37.34	15	44	35.0	0.47	215.05	5.0		11	33	37	15	44	36	0.457	218.9	1955.31006	1993.07507	14.4	16.4	——
6208	11	35	42.00	35	34	18.0	0.46	263.40	—	NPW	11	35	42	35	34	18	0.459	263.4	——	——	14.9	16.0	——
6209	11	36	36.00	14	23	42.0	0.34	201.80	—	NPW	11	36	36	14	23	42	0.343	201.8	——	——	13.1	13.9	——
6210	11	38	59.72	42	19	43.7	0.45	343.53	5.3	TNPW	11	39	0	42	19	48	0.466	342.9	——	——	8.3	9.5	3015-01701-1
6211	11	40	11.49	76	10	29.0	0.42	240.48	10.3		11	40	14	76	10	24	0.431	237.6	1955.16284	1997.11060	15.0	16.5	——
6212	11	41	49.59	05	08	26.4	0.52	154.60	9.5	T	11	41	49	05	08	30	0.446	152.3	1952.29858	1991.06152	9.7	11.1	0278-00150-1
6213	11	47	5.00	59	59	36.9	0.41	252.73	7.6		11	47	6	59	59	36	0.461	261.5	1953.28564	1993.35657	13.7	14.8	——
6214	11	54	32.19	19	24	38.3	0.40	261.36	4.6	cds	11	54	32	19	24	42	0.461	267.3	1955.31006	1990.06970	8.4	9.3	——
6215	11	54	35.08	19	25	40.2	0.45	268.34	2.1	Tcds	11	54	35	19	25	42	0.461	267.3	1955.31006	1990.06970	8.5	9.3	1443-00475-1
6216	11	54	47.21	02	03	33.1	0.51	183.53	4.2	Bb	11	54	47	02	03	36	0.422	222.3	1984.19287	1988.30054	14.6	16.1	——
6217	11	56	17.54	40	27	50.2	0.34	282.84	6.6		11	56	17	40	27	48	0.382	286.8	1955.22827	1989.17615	13.3	15.3	——
6218	11	58	57.16	40	21	31.1	0.44	226.95	2.1		11	58	57	40	21	30	0.460	232.0	1955.22827	1989.17615	13.1	14.8	——
6219	12	00	29.00	-04	05	6.0	—0	—0	—	NPW	12	00	29	-04	05	6	—00	—	——	——	—	—	——
6220	12	05	29.00	69	32	24.0	0.48	262.00	—	NPW	12	05	29	69	32	24	0.479	262.0	——	——	12.6	14.4	——
6221	12	06	14.47	48	50	9.3	0.30	236.71	5.9		12	06	15	48	50	12	0.356	242.2	1955.16272	1991.11072	14.3	15.6	——
6222	12	10	10.37	33	47	22.5	0.44	223.07	4.8		12	10	10	33	47	24	0.456	227.5	1956.35022	1989.04236	15.4	16.3	——
6223	12	10	16.00	-06	50	12.0	0.47	165.90	—	NPW	12	10	16	-06	50	12	0.465	165.9	——	——	13.4	15.2	——
6224	12	10	55.49	44	00	10.6	0.42	242.21	7.0		12	10	55	44	00	6	0.402	251.3	1955.22827	1996.20825	10.6	11.5	——
6225	12	13	42.84	00	38	35.4	0.51	156.27	17.4		12	13	44	00	38	36	0.462	153.5	1955.29932	1989.12329	13.1	14.2	——

Table 2—Continued

LHS	New data										Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
6226	12	14	51.52	38	45	28.6	0.43	238.30	5.8		12	14	52	38	45	30	0.438	247.1	1955.22827	1989.17615	15.8	16.9	——
6227	12	17	16.00	21	03	12.0	0.24	178.30	—	NPW	12	17	16	21	03	12	0.239	178.3	——	——	12.5	13.4	——
6228	12	17	48.49	46	37	19.6	0.42	251.70	16.0		12	17	47	46	37	24	0.456	257.3	1955.16272	1996.20825	11.0	12.1	——
6229	12	18	47.63	64	18	35.6	0.46	260.84	4.1		12	18	47	64	18	36	0.478	263.5	1953.12170	1993.30212	14.4	15.9	——
6230	12	19	35.00	-04	26	24.0	0.47	279.10	—	NPW	12	19	35	-04	26	24	0.474	279.1	——	——	14.5	16.3	——
6231	12	22	21.76	85	15	10.6	0.47	281.22	5.7		12	22	19	85	15	6	0.464	278.5	1955.16296	1997.17908	13.7	15.0	——
6232	12	25	16.95	55	30	59.7	0.39	125.88	8.9		12	25	18	55	31	0	0.399	132.2	1955.28564	1996.35046	13.5	15.5	——
6233	12	25	34.96	01	17	2.3	0.47	183.77	2.4	TBb	12	25	35	01	17	0	0.478	182.3	1984.24194	1989.12329	9.7	10.2	0282-00729-1
6234	12	29	9.81	62	39	37.5	0.41	218.21	4.7		12	29	10	62	39	42	0.419	227.1	1953.12170	1993.30212	14.2	15.7	——
6235	12	32	20.42	31	35	57.8	0.45	295.73	22.5		12	32	20	31	35	36	0.477	294.3	1950.27490	1990.08069	12.1	13.6	——
6236	12	37	50.82	31	55	51.1	0.48	215.02	3.7		12	37	51	31	55	54	0.479	214.9	1950.27490	1990.08069	14.6	15.7	——
6237	12	38	39.00	-06	06	48.0	0.47	212.60	—	NPW	12	38	39	-06	06	48	0.465	212.6	——	——	12.8	14.4	——
6238	12	44	5.71	17	19	27.3	0.41	264.36	5.3		12	44	6	17	19	24	0.473	260.8	1956.20325	1996.36401	14.1	15.8	——
6239	12	49	34.29	09	28	29.6	0.41	269.65	4.3		12	49	34	09	28	30	0.431	276.3	1950.12988	1991.20911	12.7	14.2	——
6240	12	55	5.95	48	43	10.4	0.42	181.89	10.5		12	55	7	48	43	12	0.414	185.3	1955.21204	1991.28027	13.2	15.1	——
6241	12	56	32.00	01	44	54.0	0.45	183.50	—	NPW	12	56	32	01	44	54	0.453	183.5	——	——	14.9	16.0	——
6242	12	58	56.00	-02	56	24.0	0.40	144.60	—	NPW	12	58	56	-02	56	24	0.399	144.6	——	——	13.6	15.3	——
6243	12	59	50.17	16	10	30.7	0.45	224.13	7.2		12	59	50	16	10	24	0.453	224.7	1956.20325	1991.13538	14.3	15.6	——
6244	13	02	1.00	-02	05	24.0	0.47	179.80	—	NPW	13	02	1	-02	05	24	0.470	179.8	——	——	12.9	14.0	——
6245	13	12	54.00	67	04	42.0	0.45	295.30	—	NPW	13	12	54	67	04	42	0.454	295.3	——	——	13.8	15.3	——
6246	13	13	37.16	57	38	0.5	0.41	205.18	1.4		13	13	37	57	38	0	0.432	206.9	1953.19836	1993.22278	16.2	16.1	——
6247	13	16	28.56	40	07	17.5	0.48	134.79	5.1		13	16	29	40	07	18	0.445	143.1	1950.43347	1990.06689	13.1	14.9	——
6248	13	17	59.00	16	15	18.0	0.45	278.20	—	NPW	13	17	59	16	15	18	0.451	278.2	——	——	14.6	15.7	——
6249	13	19	9.00	-34	29	18.0	0.45	295.00	—	N	13	19	9	-34	29	18	0.454	295.0	1975.40942	1992.24316	14.0	15.3	——
6250	13	19	13.79	45	05	8.6	0.42	279.46	3.4		13	19	14	45	05	6	0.478	285.4	1955.21204	1994.42249	14.5	14.3	——
6251	13	21	47.62	74	12	32.9	0.45	275.15	3.5	TNPW	13	21	48	74	12	36	0.380	281.4	——	——	11.6	12.2	4408-00991-1
6252	13	23	8.00	02	04	18.0	0.47	193.70	—	NPW	13	23	8	02	04	18	0.470	193.7	——	——	14.8	15.8	——
6253	13	24	41.00	00	59	30.0	0.46	193.90	—	NPW	13	24	41	00	59	30	0.459	193.9	——	——	13.7	15.0	——
6254	13	25	48.85	-28	22	26.4	0.46	256.48	15.6	T	13	25	50	-28	22	30	0.471	257.4	1977.21545	1996.23230	11.5	12.9	6725-00274-1
6255	13	32	26.68	69	29	26.9	0.40	223.36	9.6		13	32	26	69	29	18	0.461	226.4	1955.17126	1993.28308	14.3	15.8	——
6256	13	34	54.14	74	30	0.4	0.38	262.28	23.6	dms	13	34	49	74	30	12	0.445	267.1	1955.24500	1996.45691	14.0	15.1	——
6257	13	34	54.09	74	30	0.5	0.38	261.92	12.4	dms	13	34	51	74	30	0	0.445	267.1	1955.24500	1996.45691	10.7	11.5	——
6258	13	37	43.86	27	23	49.8	0.43	138.70	15.3		13	37	45	27	23	48	0.424	135.7	1950.42529	1989.17358	12.8	13.9	——
6259	13	49	04.05	26	58	44.1	0.45	255.74	14.2	Tcs	13	49	3	26	58	42	0.451	258.0	1950.29407	1996.38330	8.1	9.6	2002-00492-2
6260	13	49	14.40	26	37	44.0	0.46	280.40	5.7		13	49	14	26	37	42	0.454	286.6	1950.29407	1996.38330	14.6	16.1	——
6261	13	50	51.93	36	44	15.1	0.38	277.24	3.2		13	50	52	36	44	12	0.441	282.6	1950.37061	1991.19287	12.8	14.3	——
6262	13	59	9.60	33	51	37.5	0.49	165.49	7.6		13	59	9	33	51	36	0.408	165.3	1950.36523	1991.19287	10.5	10.7	——
6263	14	10	18.31	35	17	41.0	0.49	219.23	3.9		14	10	18	35	17	42	0.456	222.8	1950.36523	1991.19287	13.6	14.7	——
6264	14	13	51.16	28	19	51.1	0.48	198.82	3.6		14	13	51	28	19	54	0.466	206.3	1950.27771	1992.32043	13.0	14.3	——
6265	14	13	57.22	30	12	58.2	0.40	286.36	14.1	s	14	13	57	30	13	12	0.437	296.5	1950.27771	1992.32043	8.3	9.6	——
6266	14	25	11.93	51	51	0.5	0.48	205.83	33.9	cd	14	25	15	51	50	42	0.471	210.8	1953.27783	1994.44165	12.2	13.7	——
6267	14	33	59.30	44	17	49.1	0.37	327.73	7.6		14	34	0	44	17	48	0.411	333.1	1955.22852	1996.52234	12.9	14.4	——
6268	14	34	57.38	-02	25	1.0	0.52	146.12	11.7		14	34	58	-02	24	54	0.458	143.4	1955.38977	1994.36499	13.3	15.5	——
6269	14	43	39.00	-01	31	54.0	0.47	230.10	—	NPW	14	43	39	-01	31	54	0.467	230.1	——	——	13.4	14.8	——
6270	14	47	32.02	51	29	17.7	0.46	224.50	11.1		14	47	31	51	29	12	0.475	235.0	1953.27783	1996.43518	15.8	16.9	——
6271	14	49	50.12	12	31	58.0	0.44	232.12	20.5		14	49	51	12	31	42	0.452	236.2	1954.41992	1993.36230	14.4	15.5	——
6272	14	51	40.89	40	10	31.8	0.43	165.47	7.9		14	51	41	40	10	24	0.467	164.3	1955.23401	1996.30981	15.3	16.6	——
6273	14	52	6.82	05	23	36.4	0.48	206.26	2.7		14	52	7	05	23	36	0.478	211.4	1955.37048	1989.24207	11.9	13.2	——
6274	14	52	16.67	41	19	19.0	0.47	261.72	7.9		14	52	17	41	19	12	0.458	258.9	1955.23401	1996.30981	12.6	13.9	——

Table 2—Continued

LHS		New data												Luyten's original data						Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
6275	14	52	29.98	48	56	56.6	0.52	146.91	2.6		14	52	30	48	56	54	0.448	148.1	1955.22852	1996.43518	13.5	15.2	——
6276	15	01	20.21	05	32	55.0	0.45	167.89	11.9		15	01	21	05	32	54	0.410	165.1	1955.37048	1994.41724	12.2	13.5	——
6277	15	06	56.34	19	32	25.6	0.47	277.88	6.5		15	06	56	19	32	30	0.450	280.3	1950.29968	1993.22034	14.0	15.5	——
6278	15	07	41.48	32	24	36.6	0.51	194.39	6.6		15	07	42	32	24	36	0.475	197.5	1956.42151	1994.33777	11.4	12.0	——
6279	15	09	27.82	23	03	59.5	0.36	230.63	7.0		15	09	28	23	04	6	0.399	240.4	1950.29688	1991.36792	13.6	14.9	——
6280	15	09	44.65	23	49	44.9	0.50	182.77	5.7		15	09	45	23	49	48	0.453	182.5	1950.29688	1991.36792	14.8	15.7	——
6281	15	09	46.04	-04	45	7.1	1.39	133.54	5.0	Bb	15	09	46	-04	45	12	0.465	172.4	1983.34399	1984.54370	12.1	13.0	——
6282	15	10	4.90	19	21	26.8	0.46	178.04	3.2		15	10	5	19	21	24	0.462	179.6	1950.29968	1993.22034	13.0	14.8	——
6283	15	14	13.99	11	30	58.3	0.44	291.23	1.7		15	14	14	11	31	0	0.476	295.1	1955.37061	1996.23596	11.5	13.0	——
6284	15	14	52.54	-18	37	50.6	0.47	215.71	7.0	T	15	14	53	-18	37	48	0.454	214.8	1978.43701	1993.29858	11.5	11.7	6174-00058-1
6285	15	15	6.53	27	54	58.5	0.44	225.90	6.4		15	15	7	27	55	0	0.471	231.0	1954.48267	1987.30225	14.6	15.5	——
6286	15	21	26.56	83	02	11.1	0.01	117.25	42.9		15	21	50	83	02	6	0.442	304.1	1955.22595	1997.11633	11.6	13.1	——
6287	15	22	39.62	28	16	33.1	0.39	289.33	8.7		15	22	39	28	16	36	0.464	295.7	1954.48267	1987.30225	12.0	13.9	——
6288	15	24	37.43	-06	49	27.4	0.40	195.10	21.4	Bb	15	24	36	-06	49	30	0.477	211.9	1981.33044	1989.56433	14.9	16.7	——
6289	15	29	31.68	06	08	49.9	0.45	206.38	10.3	T	15	29	31	06	08	48	0.453	208.2	1955.37891	1994.36255	11.1	11.8	0349-00864-1
6290	15	33	56.11	-08	36	9.2	0.51	257.12	3.2	Bb	15	33	56	-08	36	12	0.415	264.6	1982.55164	1990.32874	14.6	15.9	——
6291	15	34	16.63	24	04	40.6	0.43	215.91	6.9		15	34	17	24	04	36	0.462	222.9	1954.50183	1987.31885	14.7	15.6	——
6292	15	35	21.07	82	34	33.6	0.47	290.32	29.3		15	35	6	82	34	36	0.464	312.8	1955.22595	1996.59619	15.4	16.9	——
6293	15	47	31.00	11	06	42.0	0.42	305.80	—	N	15	47	31	11	06	42	0.420	305.8	1950.43909	1989.26135	14.7	16.0	——
6294	15	48	3.70	59	39	0.4	0.41	314.87	7.7		15	48	3	59	39	6	0.460	318.2	1953.45276	1994.42554	14.0	15.5	——
6295	15	49	36.41	51	02	56.1	0.44	306.63	4.4		15	49	36	51	02	54	0.472	306.0	1955.32166	1993.31335	11.4	13.3	——
6296	15	52	32.97	27	28	57.5	0.44	206.04	13.2		15	52	32	27	29	0	0.433	209.7	1950.37622	1989.17932	15.6	15.7	——
6297	15	54	2.00	13	39	36.0	0.47	312.00	—	N	15	54	2	13	39	36	0.473	312.0	1950.43909	1994.43652	13.6	15.4	——
6298	16	01	21.80	05	23	42.7	0.43	226.67	17.9	dm	16	01	23	05	23	42	0.432	228.6	1954.39539	1994.33789	13.3	13.9	——
6299	16	01	21.80	05	23	42.7	0.43	226.67	17.9	dm	16	01	23	05	23	42	0.432	228.6	1954.39539	1994.33789	15.5	17.0	——
6300	16	03	13.39	42	14	45.9	0.43	204.90	15.6		16	03	12	42	14	48	0.413	210.2	1955.22864	1991.27234	10.1	10.5	——
6301	16	07	46.94	-15	37	43.1	0.42	230.73	13.7	Bb	16	07	46	-15	37	42	0.470	243.1	1983.52185	1992.42627	12.6	14.6	——
6302	16	14	43.87	04	52	7.6	0.39	279.86	17.4		16	14	45	04	52	12	0.427	280.8	1954.39539	1993.38989	12.9	14.9	——
6303	16	15	51.20	31	57	18.2	0.44	298.74	15.3		16	15	50	31	57	18	0.477	295.9	1950.43091	1989.33496	13.2	15.0	——
6304	16	27	35.99	18	43	47.0	0.39	333.25	1.0		16	27	36	18	43	48	0.441	331.9	1950.20679	1991.43359	13.2	15.7	——
6305	16	27	53.56	09	12	14.7	0.52	188.49	7.3		16	27	54	09	12	18	0.469	191.5	1955.23413	1987.49097	15.7	15.5	——
6306	16	33	05.59	-63	50	32.1	0.49	247.20	12.3	Tcs	16	33	7	-63	50	24	0.478	245.8	1979.45618	1993.53430	7.5	8.1	9045-00991-1
6307	16	33	16.72	48	53	38.9	0.41	271.89	4.0		16	33	17	48	53	36	0.443	276.7	1955.24512	1992.42151	15.2	16.3	——
6308	16	34	25.45	47	50	27.4	0.47	260.28	6.1		16	34	26	47	50	30	0.469	262.8	1955.24512	1992.42151	14.9	16.4	——
6309	16	35	1.47	43	17	35.1	0.42	145.00	8.6		16	35	1	43	17	42	0.356	143.6	1953.37915	1991.43091	14.3	14.8	——
6310	16	39	27.93	33	25	21.4	0.51	182.85	11.9		16	39	27	33	25	24	0.470	182.1	1954.40088	1993.32166	15.0	14.9	——
6311	16	40	20.73	67	36	3.4	0.41	324.53	64.5		16	40	32	67	36	6	0.451	325.6	1955.31079	1992.27710	14.4	16.1	——
6312	16	40	47.57	30	00	30.6	0.34	207.33	9.2		16	40	47	30	00	36	0.354	213.4	1954.48560	1989.34863	13.3	15.1	——
6313	16	46	36.15	-04	24	14.7	1.05	160.66	3.5	Bb	16	46	36	-04	24	12	0.425	200.3	1984.24243	1985.54797	13.4	15.5	——
6314	16	47	11.45	18	15	10.0	0.39	212.54	7.5		16	47	11	18	15	6	0.422	214.9	1950.37915	1992.33447	14.1	15.9	——
6315	16	50	34.65	52	02	1.9	0.41	340.75	7.2		16	50	34	52	02	6	0.472	343.3	1953.52124	1996.20886	13.3	14.6	——
6316	16	56	29.94	00	22	40.4	0.45	207.68	14.8		16	56	29	00	22	36	0.426	208.1	1950.46387	1988.44812	13.2	14.3	——
6317	16	58	27.03	31	04	26.5	0.43	303.56	38.2		16	58	30	31	04	24	0.460	304.2	1950.38184	1989.33240	12.4	13.7	——
6318	17	12	51.80	17	25	56.6	0.46	181.56	4.4		17	12	52	17	26	0	0.423	185.2	1954.50745	1992.41626	15.8	16.9	——
6319	17	18	40.23	49	49	44.4	0.44	349.47	51.8		17	18	39	49	48	54	0.468	341.8	1955.22876	1987.31348	11.8	12.9	——
6320	17	24	21.70	-01	13	17.3	0.53	174.44	4.5	Bb	17	24	22	-01	13	18	0.433	184.6	1981.27051	1988.62292	14.4	15.5	——
6321	17	32	19.58	23	55	18.4	0.41	313.09	8.0		17	32	19	23	55	18	0.428	313.0	1951.50745	1993.47742	14.3	15.6	——
6322	17	33	23.95	21	47	6.5	0.46	267.44	0.8		17	33	24	21	47	6	0.471	270.6	1951.50745	1986.44739	12.7	14.4	——
6323	17	39	23.08	46	56	48.8	0.41	259.73	1.2	T	17	39	23	46	56	48	0.451	257.6	1953.52405	1992.41895	11.6	12.3	3514-01128-1

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
6324	17	44	11.21	71	38	39.1	0.42	318.08	10.8			17	44	10	71	38	30	0.445	318.0	1953.67163	1993.62512	15.1	16.6	——
6325	17	47	26.30	28	40	43.2	0.48	183.64	4.1			17	47	26	28	40	42	0.448	186.1	1952.54443	1993.48022	14.5	16.0	——
6326	17	52	16.58	-07	33	46.2	0.53	282.69	13.3	Bb		17	52	16	-07	33	36	0.398	214.2	1987.29797	1988.61475	10.3	11.6	——
6327	17	58	22.23	12	45	41.7	0.47	130.79	91.1			17	58	16	12	45	42	0.418	139.1	1950.37927	1993.69897	13.2	14.8	——
6328	18	01	54.38	62	53	53.9	0.42	3.19	38.6			18	01	49	62	53	42	0.420	1.6	1952.40247	1991.38196	14.8	16.3	——
6329	18	11	42.90	59	45	24.5	0.44	334.57	0.9			18	11	43	59	45	24	0.415	329.7	1952.40247	1994.52393	14.1	15.4	——
6330	18	13	52.12	-08	38	33.8	0.58	178.91	4.2	Bb		18	13	52	-08	38	30	0.420	186.9	1978.64478	1988.58472	13.1	13.7	——
6331	18	16	03.96	68	38	54.9	0.46	16.18	29.6	Td		18	16	3	68	39	24	0.460	17.8	1952.63159	1993.61157	10.2	10.9	4429-00353-1
6332	18	16	14.95	68	40	26.3	0.44	20.28	35.4	d		18	16	13	68	41	0	0.460	17.8	1952.63159	1993.61157	14.7	16.2	——
6333	18	17	48.81	23	17	52.9	0.37	264.25	44.5			18	17	48	23	18	36	0.457	264.5	1954.42029	1993.70447	13.4	15.2	——
6334	18	23	17.95	72	41	54.9	0.47	352.19	11.1			18	23	16	72	41	48	0.457	356.1	1953.67163	1993.55688	14.3	15.8	——
6335	18	31	15.35	39	18	51.4	0.41	28.41	39.6			18	31	15	39	18	12	0.448	26.5	1955.55676	1993.40930	14.7	16.2	——
6336	18	33	11.41	07	00	46.7	0.47	187.79	7.7			18	33	11	07	00	42	0.478	193.0	1950.44189	1990.63330	15.2	16.3	——
6337	18	39	32.47	40	15	24.3	0.43	221.72	8.7			18	39	33	40	15	18	0.460	225.4	1955.55676	1993.40930	15.2	16.7	——
6338	18	39	58.21	16	25	42.1	0.38	225.05	6.8			18	39	58	16	25	36	0.443	230.2	1953.67981	1993.37915	15.6	16.2	——
6339	18	44	32.17	37	02	45.9	0.37	305.01	3.0			18	44	32	37	02	48	0.446	305.3	1950.45312	1992.63708	12.7	14.0	——
6340	18	47	0.00	-23	30	36.0	0.45	232.20	—	NPW		18	47	0	-23	30	36	0.448	232.2	——	——	11.8	12.9	——
6341	19	01	53.17	18	57	16.3	0.45	207.19	16.7			19	01	52	18	57	18	0.434	208.2	1951.52966	1993.48865	14.3	15.6	——
6342	19	04	21.91	80	13	57.4	0.44	346.03	5.9			19	04	20	80	13	54	0.462	346.4	1953.74829	1993.48315	14.3	15.8	——
6343	19	10	14.41	46	57	24.4	0.46	196.75	24.7			19	10	12	46	57	24	0.430	197.7	1953.68530	1993.47766	14.2	15.5	——
6344	19	11	19.38	52	24	27.8	0.42	352.82	10.0	dm		19	11	20	52	24	36	0.464	348.5	1952.57166	1992.65344	14.3	15.6	——
6345	19	11	19.34	52	24	27.6	0.40	349.95	10.3	dm		19	11	20	52	24	36	0.464	348.5	1952.57166	1992.65344	14.4	15.7	——
6346	19	12	11.79	57	40	19.7	0.50	38.03	44.2	s		19	12	11	57	39	36	0.451	27.8	1953.74548	1991.66345	7.4	8.5	——
6347	19	19	9.19	34	07	14.0	0.47	181.00	46.0			19	19	9	34	08	0	0.461	186.3	1955.38196	1992.43823	15.4	16.7	——
6348	19	20	29.40	-04	30	36.5	0.74	154.43	14.6	Bb		19	20	30	-04	30	48	0.479	178.3	1982.56030	1986.44385	10.9	11.5	——
6349	19	24	42.46	43	33	48.4	0.40	170.19	8.1			19	24	42	43	33	42	0.434	170.8	1951.52148	1991.45312	14.7	16.3	——
6350	19	25	8.61	28	21	12.8	0.40	32.90	19.1			19	25	10	28	21	18	0.410	24.9	1951.51331	1995.58984	13.2	14.5	——
6351	19	29	43.00	37	33	24.0	0.42	195.80	—	NPW		19	29	43	37	33	24	0.425	195.8	——	——	14.7	16.5	——
6352	19	33	7.07	23	59	50.8	0.43	183.93	8.8			19	33	7	23	59	42	0.396	191.7	1950.54065	1986.66895	13.0	13.5	——
6353	19	37	3.00	25	46	38.9	0.49	184.90	27.2			19	37	5	25	46	42	0.416	195.8	1950.54065	1986.66895	14.5	15.6	——
6354	19	39	32.87	71	52	19.2	0.48	202.89	7.2	T		19	39	33	71	52	12	0.454	205.0	1954.57324	1991.60071	11.1	12.3	4453-01532-1
6355	19	52	1.57	23	59	53.2	0.42	159.01	6.0			19	52	2	23	59	54	0.418	164.5	1951.53247	1996.52832	14.2	15.7	——
6356	19	56	59.72	02	06	43.1	0.49	203.82	13.8	Bbdm		19	57	0	02	06	30	0.426	219.7	1982.62329	1992.50098	14.3	14.9	——
6357	19	56	59.71	02	06	43.1	0.31	203.25	13.8	Bbdm		19	57	0	02	06	30	0.426	219.7	1982.62329	1992.50098	14.3	15.6	——
6358	19	59	23.21	27	22	47.3	0.42	203.92	56.3			19	59	19	27	22	42	0.424	205.5	1951.53247	1996.52832	14.2	15.3	——
6359	20	06	16.21	16	09	20.9	0.51	152.53	11.8			20	06	17	16	09	18	0.464	152.9	1951.72095	1992.74072	14.8	15.9	——
6360	20	07	56.04	07	26	28.2	0.46	221.39	16.1	T		20	07	55	07	26	24	0.474	227.3	1953.67725	1990.70178	11.5	12.4	0507-00903-1
6361	20	08	2.40	57	09	30.7	0.49	185.12	17.0			20	08	1	57	09	18	0.461	187.2	1952.58020	1990.71277	14.0	15.1	——
6362	20	31	2.32	39	34	52.3	0.47	78.11	4.0	cdm		20	31	2	39	34	54	0.423	73.7	1953.45044	1992.49280	16.8	18.3	——
6363	20	31	2.40	39	34	45.1	0.46	80.03	5.6	dm		20	31	2	39	34	42	0.423	73.7	1953.45044	1992.49280	14.3	15.8	——
6364	20	40	3.85	00	37	39.1	0.57	190.55	3.7			20	40	4	00	37	42	0.463	197.5	1980.54260	1994.52417	13.5	15.3	——
6365	20	48	51.10	11	27	18.6	0.47	104.22	6.7			20	48	51	11	27	12	0.427	98.8	1952.63464	1987.49426	13.3	15.3	——
6366	20	49	39.64	00	21	5.3	0.40	126.82	9.7			20	49	39	00	21	6	0.395	123.6	1951.59546	1987.57263	12.2	13.5	——
6367	20	51	39.04	78	20	6.7	0.42	41.31	24.7			20	51	39	78	19	42	0.471	43.0	1954.74854	1993.56250	17.1	18.8	——
6368	20	55	0.38	56	32	6.1	0.50	222.62	6.9			20	55	0	56	32	0	0.468	228.6	1952.71082	1991.67456	15.3	16.6	——
6369	20	59	46.92	51	53	45.2	0.44	272.84	8.8			20	59	47	51	53	54	0.457	275.7	1952.71082	1990.64453	14.5	15.1	——
6370	21	01	45.00	31	48	42.0	0.40	214.90	—	NPW		21	01	45	31	48	42	0.399	214.9	——	——	16.0	16.1	——
6371	21	08	31.58	20	38	58.7	0.44	233.23	8.3			21	08	31	20	39	0	0.436	236.3	1954.52161	1992.64819	13.3	14.4	——
6372	21	09	0.77	56	54	11.7	0.53	196.34	6.6			21	09	1	56	54	18	0.459	197.9	1952.71082	1991.67456	14.5	15.8	——

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]	RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
6373	21	13	52.64	18	05	58.5	0.49	98.81	19.4		21	13	54	18	06	0	0.462	98.7	1954.52161	1991.52979	12.3	13.4	——
6374	21	14	46.96	38	01	12.9	0.42	16.74	5.1	d	21	14	47	38	01	18	0.463	19.8	1951.51892	1991.52161	11.5	13.0	——
6375	21	23	10.63	64	14	10.5	0.36	42.61	4.4		21	23	10	64	14	12	0.422	35.0	1954.59521	1991.69641	14.1	16.0	——
6376	21	23	25.96	67	34	13.9	0.48	98.13	6.9		21	23	25	67	34	18	0.451	95.1	1954.59521	1991.69641	13.7	15.7	——
6377	21	29	42.58	06	41	59.0	0.53	130.65	30.3		21	29	42	06	41	30	0.468	130.9	1952.63184	1995.58167	13.3	14.6	——
6378	21	32	35.78	14	26	0.3	0.23	173.26	49.1		21	32	35	14	26	48	0.408	304.7	1953.63098	1990.80591	14.4	16.5	——
6379	21	35	17.75	46	33	16.1	0.46	195.81	11.1	dm	21	35	17	46	33	24	0.459	200.0	1952.70532	1989.67725	16.3	16.9	——
6380	21	35	17.76	46	33	16.2	0.45	195.43	11.0	dm	21	35	17	46	33	24	0.459	200.0	1952.70532	1989.67725	17.9	17.8	——
6381	21	39	22.16	47	38	47.6	0.39	215.80	8.5		21	39	23	47	38	48	0.410	223.1	1952.70532	1989.67725	14.2	15.9	——
6382	21	40	20.39	13	02	40.5	0.38	212.93	20.4		21	40	19	13	02	42	0.387	218.4	1953.63098	1990.80591	14.0	15.1	——
6383	21	40	29.48	54	00	29.9	0.39	81.95	7.2	c	21	40	29	54	00	24	0.414	75.4	1955.93726	1990.78943	14.2	15.9	——
6384	21	45	32.81	35	20	55.6	0.42	205.92	5.0		21	45	33	35	21	0	0.443	211.1	1951.51074	1987.74023	15.2	16.5	——
6385	21	46	49.18	10	13	53.6	0.48	192.07	17.5		21	46	48	10	13	54	0.464	198.6	1953.63098	1990.70203	12.8	14.1	——
6386	21	46	56.49	46	38	4.3	0.35	99.06	15.5		21	46	55	46	38	6	0.295	89.1	1952.70532	1989.52710	13.2	15.0	——
6387	21	51	0.00	54	08	30.0	0.41	70.90	—	N	21	51	0	54	08	30	0.415	70.9	1955.93726	1991.60095	17.0	16.8	——
6388	21	51	16.47	00	29	30.5	0.48	208.23	8.0		21	51	17	00	29	30	0.450	209.8	1954.50806	1986.65479	13.5	15.1	——
6389	21	56	38.05	19	46	13.6	0.51	189.80	13.5		21	56	39	19	46	12	0.477	94.3	1950.54089	1990.72937	13.4	14.7	——
6390	21	58	51.29	-03	46	37.1	0.59	103.64	11.7	Bb	21	58	52	-03	46	42	0.464	94.2	1982.77930	1991.67126	13.5	15.1	——
6391	21	59	20.67	-04	05	33.2	0.42	162.51	13.3	Bbc	21	59	20	-04	05	42	0.446	175.4	1982.77930	1991.67126	13.3	15.1	——
6392	22	02	31.34	00	17	12.3	0.62	115.48	9.9	B	22	02	32	00	17	12	0.470	115.8	1981.71912	1990.63367	13.8	15.6	——
6393	22	02	55.10	39	35	9.6	0.50	217.78	3.8	c	22	02	55	39	35	6	0.454	218.1	1953.68567	1989.67456	14.9	16.0	——
6394	22	06	0.77	39	18	2.4	0.47	167.81	8.8		22	06	1	39	17	54	0.471	173.4	1953.68567	1989.67456	13.1	14.6	——
6395	22	07	1.24	40	15	1.0	0.49	80.69	7.5		22	07	1	40	14	54	0.471	83.0	1952.65369	1989.67456	15.1	16.3	——
6396	22	08	12.06	32	42	45.6	0.43	115.63	3.7	c	22	08	12	32	42	42	0.378	106.8	1951.73206	1988.76538	13.4	15.0	——
6397	22	09	43.23	41	02	4.5	0.52	66.43	14.7		22	09	42	41	02	0	0.452	59.3	1952.65369	1989.67456	12.4	13.7	——
6398	22	10	17.15	19	04	57.9	0.46	102.94	8.4		22	10	17	19	05	6	0.463	95.6	1950.54089	1990.72937	13.8	15.1	——
6399	22	11	30.20	18	25	33.0	0.39	66.60	9.4		22	11	30	18	25	42	0.383	58.9	1950.54089	1990.72937	11.1	12.8	——
6400	22	11	56.96	-07	42	58.9	0.59	90.62	15.1	Bb	22	11	56	-07	42	54	0.445	69.4	1979.72192	1989.72876	11.8	13.7	——
6401	22	17	59.70	24	09	19.2	0.45	188.47	14.4		22	17	59	24	09	30	0.423	191.9	1950.61194	1987.74304	13.8	15.4	——
6402	22	19	34.80	61	20	19.3	0.49	79.20	2.0	c	22	19	35	61	20	18	0.471	75.8	1952.70825	1989.66089	15.2	16.8	——
6403	22	33	16.59	23	41	24.4	0.50	147.06	9.8		22	33	16	23	41	30	0.476	148.8	1953.70496	1987.74304	13.0	14.1	——
6404	22	34	5.62	-11	07	9.8	0.61	149.94	9.8	Bb	22	34	5	-11	07	6	0.475	152.3	1983.53076	1991.53967	13.3	14.4	——
6405	22	35	05.67	11	52	53.1	0.47	225.78	9.8	Ts	22	35	5	11	52	54	0.470	226.2	1953.83057	1990.63647	8.8	9.8	1154-00872-1
6406	22	35	24.48	-07	12	46.5	0.57	190.51	8.9	Bb	22	35	25	-07	12	42	0.476	221.0	1982.79297	1991.53967	14.0	15.8	——
6407	22	39	55.42	44	16	49.3	0.47	76.00	4.7		22	39	55	44	16	48	0.445	75.5	1952.55298	1989.75659	15.4	17.1	——
6408	22	40	41.90	44	35	46.2	0.52	99.04	12.4		22	40	41	44	35	54	0.474	94.2	1952.55298	1989.74841	13.1	14.7	——
6409	22	43	7.28	-14	30	8.1	0.45	204.20	25.0	Bb	22	43	9	-14	30	6	0.460	233.0	1982.63733	1991.53967	11.2	12.6	——
6410	22	43	23.33	22	08	17.1	0.43	94.86	4.7		22	43	23	22	08	18	0.409	92.7	1953.70496	1990.78674	13.5	15.3	——
6411	22	47	47.34	66	23	36.5	0.46	39.84	5.8		22	47	47	66	23	42	0.461	35.4	1952.63208	1991.68298	13.4	15.2	——
6412	22	48	48.15	45	20	17.8	0.45	146.88	10.9		22	48	49	45	20	24	0.438	150.1	1952.55298	1989.74841	14.4	15.7	——
6413	22	55	22.69	00	44	24.8	0.42	168.91	10.4		22	55	22	00	44	24	0.440	67.1	1953.91260	1990.77869	13.7	15.0	——
6414	22	56	43.99	00	13	21.0	0.47	101.02	15.4		22	56	45	00	13	18	0.442	96.9	1953.91260	1990.77869	12.3	13.9	——
6415	23	01	51.60	-03	50	57.1	0.53	113.06	9.5	Bbcs	23	01	51	-03	50	54	0.448	118.6	1982.79565	1991.67944	7.8	8.9	——
6416	23	02	59.44	06	42	25.5	0.41	232.07	9.4		23	03	0	06	42	30	0.445	235.3	1953.70752	1990.78406	12.7	14.3	——
6417	23	06	28.00	00	29	42.0	0.45	233.40	—	BN	23	06	28	00	29	42	0.449	233.4	1983.53345	1990.77869	12.0	13.6	——
6418	23	09	21.88	-06	35	2.4	0.71	153.95	3.0	Bb	23	09	22	-06	35	0	0.467	161.9	1982.79565	1991.67944	13.5	14.8	——
6419	23	11	23.90	08	31	0.9	0.44	222.81	13.4		23	11	23	08	31	0	0.457	227.0	1951.60657	1991.76233	11.9	13.0	——
6420	23	13	38.82	39	25	2.6	0.36	151.77	8.8	T	23	13	39	39	24	54	0.379	147.3	1953.82520	1989.75122	11.0	11.7	3221-03179-1
6421	23	18	01.19	09	04	28.1	0.43	106.77	3.4	Ts	23	18	1	09	04	30	0.420	108.3	1951.60657	1991.70764	9.3	10.1	1161-00566-1

Table 2—Continued

LHS	New data											Luyten's original data								Epoch				
No.	RA (J2000.0)[a]			Dec (J2000.0)[a]			μ[b]	θ[b]	Dist.[c]	Com.[d]		RA (J2000.0)			Dec (J2000.0)			μ	θ	POSS I	POSS II	m_{red}[e]	m_{blue}[e]	Tycho-2/HIP[f]
6422	23	21	56.09	24	12	30.7	0.48	116.40	5.4			23	21	56	24	12	36	0.451	113.7	1953.76782	1995.65027	13.2	14.5	——
6424	23	32	53.99	63	09	19.3	0.42	87.04	6.8	s		23	32	53	63	09	18	0.420	86.7	1954.60120	1991.76514	7.7	8.3	——
6425	23	36	7.86	38	31	38.4	0.51	128.65	2.9			23	36	8	38	31	36	0.460	131.3	1953.82520	1989.75122	13.6	14.9	——
6426	23	36	25.61	55	29	43.5	0.50	101.42	3.6	T1NPW		23	36	26	55	29	42	0.479	101.1	——	——	11.7	14.4	4004-00491-1
6427	23	42	52.90	30	49	20.7	0.44	221.85	3.6			23	42	53	30	49	24	0.438	231.4	1953.92908	1991.75146	13.4	15.3	——
6428	23	46	28.09	74	34	9.6	0.53	155.39	2.5	c		23	46	28	74	34	12	0.460	155.1	1952.63489	1992.75488	14.8	16.3	——
6429	23	47	40.83	11	47	8.8	0.50	145.21	4.0			23	47	41	11	47	12	0.465	145.7	1951.60925	1986.74585	12.0	13.1	——
6430	23	47	48.94	39	21	44.0	0.39	213.45	2.2			23	47	49	39	21	42	0.406	217.8	1951.83875	1995.81409	15.0	16.1	——
6431	23	57	6.70	09	53	5.0	0.46	167.11	6.7			23	57	7	09	53	0	0.467	169.0	1949.88257	1991.69678	14.9	16.2	——
6432	23	57	32.15	-03	30	59.4	0.59	175.30	2.3	Bb		23	57	32	-03	31	0	0.447	180.2	1982.78772	1989.89038	14.9	16.2	——
6433	23	59	48.24	50	06	44.3	0.46	91.86	12.2			23	59	47	50	06	42	0.450	88.5	1953.75159	1991.68591	10.6	11.7	——

[a]Equatorial coordinates for epoch and equinox 2000.0 using our astrometry and proper motion measurements. If none of the digital scans of POSS plates were available, or the difference between the epochs was not sufficient, proper motions from Luyten were accepted. If star was not found, both coordinates and proper motions were taken from Luyten.

[b]θ is in degrees, μ is in $''/yr$.

[c]Distance between predicted J2000.0 position of LHS and our measurements in arcseconds. If coordinates of the LHS Catalogue were accepted, the distance is flagged as a "--" dash.

[d]Comments are the following: 1 – DSS I image has poor quality, 2 – DSS II image has poor quality, B – position shift between the two frames is less than $5''$, proper motion data from LHS Catalogue is taken, H – coordinates, proper motion and magnitudes are from the Tycho-2 Supplement-1 catalogue, i.e. from the Hipparcos catalogue, N – star was not found in *manual* search, P – DSS II frame was not available, W – finder chart would have been needed for *manual* identification, but was not available, T – coordinates, proper motion and magnitudes are from the Tycho-2 catalogue, b – for some reason our proper motion measurement is not accurate, Luyten's data is used, c – refitting of position was done (due to saturation or merging), d – double star, or companion of a binary, m – merging, i – identification dubious, s – saturated on at least one of the frames

[e]Red and blue magnitudes are Tycho (Hipparcos) V and B if star was found in the Tycho-2 (Supplement-1) catalogue, otherwise LHS red and photographic magnitudes.

[f]Identification of Tycho-2 catalogue is of the format "tyc1-tyc2-tyc3", while Hipparcos is the single Hipparcos number followed by the CCDM component identifier (Dommanget & Nys 1994).

Note. — Table with refined positions for Luyten stars. The printed version of the paper contains only the high proper motion subset ($\mu > 1''$ yr^{-1}) of the revised LHS Catalogue. The electronic version of the paper contains the unabridged version of the catalogue, which can also be retrieved from and http://www.archive.stsci.edu/∼ksahu/lhs.